1. 1/2" V up to 3" VTR.
2. 2" V up to 3" VTR.
3. 4" ST up to roof drain above.
4. 6" ST up to roof drain above.
5. 4" SS up to secondary roof drain above.
6. 6" SS up to secondary roof drain above.
7. Hose bibb at 24" aff. branch 1/2" CW from CW supply to MS1.
8. Gas line to HVAC equipment. Provide shut-off valve, dirt leg and final connection. Coordinate exact location and connection requirements with equipment. Provide pipe support per applicable fuel gas code. Use pre-manufactured roof supports similar to roof top box or miro. Paint and label piping.
9. Fixtures in this room/area supplied with domestic water from below. See sheet P1.01.
10. Provide wall mounted bracket to support roof hydrant. Orient hose connection away from the wall. Run drain line to discharge with air gap at mop sink in Room 104.
11. Close coordination of storm piping with ductwork in this area to avoid conflict to mechanical and electrical.

General Notes:
A. See sheet P0.00 for general notes.
FLOOR SUPPORT (TYP)

FROM CITY WATER MAIN
WATER METER WITH
BYPASS
PRESSURE GAUGE WITH GAUGE
COCK. RANGE 0 TO 150 PSI
REDUCED PRESSURE BACKFLOW
PREVENTER. PROVIDE WITH AIR
GAP FITTING AND EXTEND DRAIN
TO NEAREST FLOOR DRAIN

24" TO DOMESTIC WATER SYSTEM
TO IRRIGATION SYSTEM
REDUCED PRESSURE BACKFLOW PREVENTER FOR
IRRIGATION SYSTEM. PROVIDE WITH AIR GAP FITTING
AND EXTEND DRAIN TO NEAREST FLOOR DRAIN

DEDUCT WATER METER FOR IRRIGATION SUPPLY
PER DEPARTMENT OF WATER REQUIREMENTS

GAS METER FURNISHED BY LOCAL GAS
COMPANY AND INSTALL BY PLUMBING
CONTRACTOR. INSTALL PER LOCAL GAS
COMPANY REQUIREMENTS FOR 450 CFH.
REGULATORS FURNISHED BY LOCAL GAS
COMPANY AND INSTALLED BY PLUMBING
CONTRACTOR. INSTALL PER LOCAL GAS
COMPANY REQUIREMENTS. SET FOR 14" W.C.
AT METER OUTLET FOR BUILDING SERVICE
FROM GAS
COMPANY MAIN

GRADE
CONCRETE SUPPORT BY
PLUMBING CONTRACTOR
SLEEVE PER LOCAL GAS
COMPANY REQUIREMENTS
ANTI-FLOTATION PLATE
24" DIAMETER x 36" DEEP
FIBERGLASS SUMP BASIN
ELEVATOR SHAFT FLOOR
GRATED COVER

SP1
GATE VALVE
CHECK VALVE
10 FT. FLOAT AND
POWER CORDS
2" DISCHARGE ALONG SHAFT
FLOOR TO WALL. RUN PIPING UP
SHAFT WALL TO ABOVE CEILING.
SEE FLOOR PLANS FOR
CONTINUATION. BRACE DISCHARGE
PIPING IN SHAFT.

CONTROL PANEL;
WEIL MODEL SIMPLEX CONTROL
PANEL 120 VOLT, 1 PHASE UNIT. UNIT TO HAVE 3
DIAPHRAGM SWITCHES. PUMP ON, PUMP OFF, HIGH
WATER ALARM. COORDINATE WITH PUMP MODEL.
UNIT TO HAVE CONTACTS FOR CONNECTION TO
BUILDING AUTOMATION
SYSTEM.

DIAPHRAGM SWITCH (TYP)

A
1" DRAIN TO
APPROVED
LOCATION
DRAIN VALVE
VACUUM RELIEF VALVE
3/4" RUN FULL
SIZE TO DRAIN
EWH1&2
WALL
TEMPERTURE AND
PRESSURE RELIEF
VALVE
2" WIDE, 20 GA. SHEET
METAL BAND
GALVANIZED DRIP PAN
PLATFORM WITH
WALL BRACKET
ET1
HW
RCP1
HWR
1-1/2"
1-1/2"
3/4"
2" 10 FT. FLOAT AND
POWER CORDS
2" DISCHARGE ALONG SHAFT
FLOOR TO WALL. RUN PIPING UP
SHAFT WALL TO ABOVE CEILING.
SEE FLOOR PLANS FOR
CONTINUATION. BRACE DISCHARGE
PIPING IN SHAFT.

CONTROL PANEL;
WEIL MODEL SIMPLEX CONTROL
PANEL 120 VOLT, 1 PHASE UNIT. UNIT TO HAVE 3
DIAPHRAGM SWITCHES. PUMP ON, PUMP OFF, HIGH
WATER ALARM. COORDINATE WITH PUMP MODEL.
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DIAPHRAGM SWITCH (TYP)

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LOCATION
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SIZE TO DRAIN
EWH1&2
WALL
TEMPERTURE AND
PRESSURE RELIEF
VALVE
2" WIDE, 20 GA. SHEET
METAL BAND
GALVANIZED DRIP PAN
PLATFORM WITH
WALL BRACKET
ET1
HW
RCP1
HWR
1-1/2"
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2" 10 FT. FLOAT AND
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2" DISCHARGE ALONG SHAFT
FLOOR TO WALL. RUN PIPING UP
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SEE FLOOR PLANS FOR
CONTINUATION. BRACE DISCHARGE
PIPING IN SHAFT.

CONTROL PANEL;
WEIL MODEL SIMPLEX CONTROL
PANEL 120 VOLT, 1 PHASE UNIT. UNIT TO HAVE 3
DIAPHRAGM SWITCHES. PUMP ON, PUMP OFF, HIGH
WATER ALARM. COORDINATE WITH PUMP MODEL.
UNIT TO HAVE CONTACTS FOR CONNECTION TO
BUILDING AUTOMATION
SYSTEM.

DIAPHRAGM SWITCH (TYP)
### Plumbing Fixture Schedule

<table>
<thead>
<tr>
<th>Tag</th>
<th>Fixtures</th>
<th>Units</th>
<th>Rating</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>EWC1</td>
<td>SRD1</td>
<td>FLOODING DAM-TYPE WITH 2-INCH CAST IRON WATER COLLAR, LARGE, GENERAL PURPOSE ROOF DRAIN WITH CAST IRON BODY, CAST IRON DOME, BOTTOM OUTLET, EXTENSION, FLASHING CLAMP WITH GRAVEL STOP, SUMP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WC2</td>
<td>WC3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MS1</td>
<td>FD1</td>
<td>ADJUSTABLE CAST IRON BODY, ROUND NICKEL BRONZE STRAINER WITH VANDAL RESISTANT SCREWS. CAULK OUTLET. CONTRACTOR SHALL BUFF STRAINER TO BE SUITABLE FOR BAREFOOT TRAFFIC IN SHOWER AREAS.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FD3</td>
<td></td>
<td>SAME AS FD1 WITH 6&quot; DIAMETER GALVINIZED FUNNEL. J.R. SMITH 2005-A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Water Hammer Arrestor Schedule

<table>
<thead>
<tr>
<th>Tag</th>
<th>Model</th>
<th>Location</th>
<th>Total Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1</td>
<td></td>
<td>WATER CLOSET: ADA COMPLIANT, VITREOUS CHINA, FLOOR MOUNTED ELONGATED BOWL, 1-1/2&quot; INLET TOP SPUD, LOW-CONSUMPTION 1.6 GPF, DIRECT-FED SIPHON JET ACTION, FULLY-GLAZED 2-1/8&quot; TRAPWAY, 10&quot;x12&quot; WATER, SURFACE AREA, SEAT: HEAVY WEIGHT AND INJECTION-MOLDED OF SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWL AND FEATURE EXCLUSIVE, 4 LARGE MOLDED-IN BUMPERS, CONCEALED CHECK HINGES WITH STAINLESS STEEL POSTS. BEMIS 1955CT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>FLUSH VALVE: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, SYNTHETIC RUBBER DIAPHRAGM, 1&quot; I.P.S. SCREWDRIVER ANGLE STOP, VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2&quot; TOP EL-386(SINGLE FLUSHOMETER) OR EL-451(MULTIPLE FLUSHOMETERS). SLOAN EL-700A-HW</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SEAT: HEAVY WEIGHT AND INJECTION-MOLDED OF SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWL AND FEATURE EXCLUSIVE, 2 BUMPERS, CONCEALED CHECK HINGES WITH STAINLESS STEEL POSTS. BEMIS BB955CT</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HARDWIRED RETROFIT SENSOR FLUSHOMETER: DIAPHRAGM TYPE FLUSH VALVE, CHROME PLATED, BRASS VALVE BODY, INFRARED SENSOR, THREE SECOND FLUSH DELAY, OVERRIDE BUTTON, COMPLETE WITH TRANSFORMER</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRIM: SUPPLY PIPE WITH WHEEL HANDLE STOPS. CAST BRASS P-TRAP WITH CLEAN-OUT. P.O. PLUG. CHROME PLATED BRASS 17 GAUGE TAILPIECE. MCGUIRE 165, 8912</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRIM: WALL MOUNTED SERVICE SINK FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, ATMOSPHERIC VACUUM BREAKER SPOUT WITH WALL BRACE, INTEGRAL CHECK VALVES, 3/4&quot; MALE FUACET: DECK MOUNTED MANUAL FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 8&quot; CENTERS, 8&quot; SWING SPOUT, 1.5 GPM AERATOR. CHICAGO 1100-GN8AE35-317AB</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>SINK. FULLY UNDERCOATED TO DAMPEN SOUND AND PREVENT CONDENSATION. 3-1/2&quot; DRAIN OPENING, 3 HOLES, 8&quot; CENTERS. ELKAY LR1919</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MONITOR AND BOTTLE COUNTER. HERMETICALLY SEALED COMPRESSOR, RECIPROCATING TYPE, 120V-1PH. SEALED-IN LIFETIME OIL SUPPLY. EQUIPPED WITH ELECTRIC CORD AND THREE PRONG MOLDED RUBBER PLUG.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ELECTRIC WATER COOLER WITH HANDS FREE BOTTLE FILLER: ADA COMPLIANT, DUAL HEIGHT, WALL-MOUNTED, SENSOR ACTIVATED BUBBLER. GALVANIZED STEEL CHASSIS. STAINLESS STEEL TOP. BASIN HAS EMBOSSED GARDEN HOSE THREAD OUTLET, LEVER HANDLES WITH SECURED COLOR CODED INDEX BUTTONS. CHICAGO 897-MPCRCF</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRIM: SUPPLY PIPE WITH LOOSE KEY STOPS. CAST BRASS P-TRAP WITH CLEAN-OUT. DRAIN WITH CHROME PLATED CAST BRASS SOLID TOP, MCGUIRE 165LK, 8902</td>
<td></td>
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### Pump Schedule

<table>
<thead>
<tr>
<th>Tag</th>
<th>Model</th>
<th>Capacity</th>
<th>GPM</th>
<th>Feet</th>
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<tr>
<td>P100</td>
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### Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>ANNC</td>
<td>Annunciator</td>
</tr>
<tr>
<td>CCTV</td>
<td>Closed-Circuit Television</td>
</tr>
<tr>
<td>EWC</td>
<td>Electric Water Cooler</td>
</tr>
<tr>
<td>KVA</td>
<td>Kilovolt Ampere</td>
</tr>
<tr>
<td>CKT</td>
<td>Circuit</td>
</tr>
<tr>
<td>FLA</td>
<td>ampere</td>
</tr>
<tr>
<td>IMC</td>
<td>Intermediate Metal Conduit</td>
</tr>
<tr>
<td>GF</td>
<td>Ground Fault Circuit Interrupter</td>
</tr>
<tr>
<td>GC</td>
<td>Ground Circuit</td>
</tr>
<tr>
<td>HP</td>
<td>Horsepower</td>
</tr>
<tr>
<td>HZ</td>
<td>Hertz</td>
</tr>
<tr>
<td>CB</td>
<td>Circuit Breaker</td>
</tr>
<tr>
<td>EB</td>
<td>Electric Box</td>
</tr>
<tr>
<td>AC</td>
<td>Alternating Current</td>
</tr>
<tr>
<td>C</td>
<td>Connection</td>
</tr>
<tr>
<td>RX</td>
<td>Return Loop</td>
</tr>
<tr>
<td>RE</td>
<td>Remote Equipment</td>
</tr>
<tr>
<td>RX/REX</td>
<td>Return Loop/Remote Equipment</td>
</tr>
<tr>
<td>MCC</td>
<td>Main Distribution Panel</td>
</tr>
<tr>
<td>MCA</td>
<td>Main Connection Assembly</td>
</tr>
<tr>
<td>MDP</td>
<td>Main Distribution Panel</td>
</tr>
<tr>
<td>MCB</td>
<td>Main Circuit Breaker</td>
</tr>
<tr>
<td>MSB</td>
<td>Main Service Breaker</td>
</tr>
<tr>
<td>MLO</td>
<td>Main Lighting Outfit</td>
</tr>
<tr>
<td>UNO</td>
<td>Unoccupied</td>
</tr>
<tr>
<td>OCC</td>
<td>Occupied</td>
</tr>
<tr>
<td>NAC</td>
<td>Non-Addressable Controls</td>
</tr>
<tr>
<td>MTS</td>
<td>Multi-Technology System</td>
</tr>
<tr>
<td>LRA</td>
<td>Low-Risk Area</td>
</tr>
<tr>
<td>LTG</td>
<td>Lighting Transformer</td>
</tr>
<tr>
<td>TRT</td>
<td>Transformer Raceway Transformer</td>
</tr>
<tr>
<td>TYP</td>
<td>Typical</td>
</tr>
<tr>
<td>TR</td>
<td>Transformer Raceway</td>
</tr>
<tr>
<td>W</td>
<td>Winding</td>
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<tr>
<td>V</td>
<td>Voltage</td>
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</table>

### Security Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>🚫</td>
<td>No Entry</td>
</tr>
<tr>
<td>🔑</td>
<td>Access Control</td>
</tr>
<tr>
<td>🕰️</td>
<td>Time Stamps</td>
</tr>
</tbody>
</table>

### Telecommunication Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>📞</td>
<td>Phone</td>
</tr>
<tr>
<td>📩</td>
<td>Email</td>
</tr>
<tr>
<td>📧</td>
<td>Fax</td>
</tr>
</tbody>
</table>

### Fire Alarm Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🔴</td>
<td>Fire Alarm</td>
</tr>
<tr>
<td>🚕</td>
<td>Smoke Detector</td>
</tr>
<tr>
<td>🛀️</td>
<td>Heat Detector</td>
</tr>
</tbody>
</table>

### Sound Symbols

- 🎧 Headphones
- 🎧 Headset
- 🎧 Headphones
- 🎧 Headset
- 🎧 Headphones
- 🎧 Headset

### Notes

- Not all symbols may be used.
- Unless notated otherwise.
- All equipment should be installed in accordance with local and national codes and standards. The contractor is responsible for all connections as required for a complete and workmanlike manner.
- The contractor shall provide all necessary conduit and wiring materials for the project.
- All equipment shall be installed in accordance with the National Electrical Code (NEC) 2017 and the National Fire Protection Association (NFPA) standards for fire protection systems.
GENERAL NOTES:

1. ALL DIMENSIONS USING CURBS, WALLS OR PAVEMENT AS A REFERENCE ARE FROM FACE OF CURB, FINISHED FACE OF WALL OR EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

2. LOCATION OF THE EXISTING UNDERGROUND UTILITIES IS APPROXIMATE & HAS NOT BEEN VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK & IS RESPONSIBLE FOR DAMAGES OCCASIONED DUE TO NEGLIGENCE IN LOCATING & PRESERVING UNDERGROUND UTILITIES.

3. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY IF A DISCREPANCY IS FOUND BETWEEN THE DIMENSION GIVEN & DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION.

4. ALL LAYOUT TO BE BY A REGISTERED SURVEYOR OR ENGINEER. THE LANDSCAPE ARCHITECT WILL REVIEW THE LAYOUT FOR GENERAL CONFORMANCE PRIOR TO CONSTRUCTION.

5. CONTRACTOR IS RESPONSIBLE FOR COST OF REPAIRS TO EXISTING CONDITIONS WHEN DAMAGED BY CONTRACTOR. REPAIR DAMAGES TO THE SATISFACTION OF THE OWNER.

6. WORK SHOWN IS BASED ON A SURVEY PROVIDED BY AMERICAN STRUCTUREPOINT 2550 CORPORATE EXCHANGE DRIVE COLUMBUS, OH 43231 614.901.2235

7. FINISHED FLOOR ELEVATION IS 847.00

LAYOUT CONSTRUCTION NOTES:

- MEET ADJACENT PAVEMENT FLUSH
- MEET ENTRY THRESHOLD FLUSH.

ABBREVIATIONS:

- FFE
- HP
- TC
- BC
- TW
- BW
- TS
- BS
- DI
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- XX.XX

- FINISHED FLOOR
- PAVEMENT
- THRASHOLD

- ELEVATION
- SD
- DI
- SPOT ELEVATION

- PROJECT NAME: CML REYNOLDSBURG
- ISSUE DATE: 10.05.2022

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