GENERAL NOTES

1. These Drawings are part of the Contract Documents as defined in Article 1 of the General Conditions. The Contractor and all Subcontractors and Subdivision Contractors shall be bound by the requirements of the Contract Documents until the work is completed.

2. The Contractor shall meet all local laws and regulations and perform work in a manner designed to avoid injury to persons or damage to property. The Contractor shall provide all necessary labor, materials, equipment, systems, standards and workmanship for the work, and performance of related services. The Contractor shall also provide all plans, specifications, schedules, and reports as required by the Contract Documents.

3. The Contractor shall ensure that all work performed is in accordance with the Contract Documents. The Contractor shall also ensure that all work performed is in accordance with any drawings, specifications, and other contract documents.

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MATERIAL DESIGNATIONS

SYMBOL DESIGNATIONS

INDEX OF DRAWINGS

DESIGN TEAM
GENERAL NOTES

1. BID PACKAGE #1 - INCLUDES ALL MATERIALS DELIVERED TO THE SITE NECESSARY TO CONSTRUCT THE GREENHOUSES FROM THE SURFACE OF THE EXISTING CONCRETE SLAB AS DEFINED IN THE DRAWINGS AND SPECIFICATIONS.

2. BID PACKAGE #2 - INCLUDES ALL LABOR TO ASSEMBLE THE GREENHOUSES FROM THE SURFACE OF THE EXISTING CONCRETE SLAB AS DEFINED IN THE DRAWINGS AND SPECIFICATIONS.
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2. BID PACKAGE #2 - INCLUDES ALL LABOR TO ASSEMBLE THE GREENHOUSES FROM THE SURFACE OF THE EXISTING CONCRETE SLAB AS DEFINED IN THE DRAWINGS AND SPECIFICATIONS.
1. **BID PACKAGE #1** -Includes all materials delivered to the site necessary to construct the greenhouses from the surface of the existing concrete slab as defined in the drawings and specifications.

2. **BID PACKAGE #2** - Includes all labor to assemble the greenhouses from the surface of the existing concrete slab as defined in the drawings and specifications.

**GENERAL NOTES**

1. **DRAWING WAS REDUCED BY 25%**

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**ETR PROJECT #:**

**DATE:**

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**WEST VIRGINIA STATE UNIVERSITY**

**BUILDING - A GREENHOUSE ADDITION**

**INSTITUTE, WV**

**GREENHOUSE PLANS**

**A2.4**

**2020-0426A**

**11 SEPTEMBER 2020**

**ISSUED FOR BID**
PLUMBING NEW WORK GENERAL NOTES

PLUMBING EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>MARK NO.</th>
<th>DESCRIPTION</th>
<th>MAKE / MODEL / SIZE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE-1</td>
<td>FLUSH BOX HYDRANT</td>
<td>MURDOCK MANUFACTURING MODEL M-V475</td>
<td>FROST PROOF, CAST IRON BOX GROUND HYDRANT WITH 3/4&quot; CONNECTION AND VACUUM BREAKER. CONFIRM FINAL DEPTH OF BURY LENGTH PRIOR TO PURCHASE.</td>
</tr>
<tr>
<td>BP-1</td>
<td>REDUCED PRESSURE BACKFLOW PREVENTER</td>
<td>WILKINS 975XL</td>
<td>RPBP</td>
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PLUMBING SYMBOL LEGEND

DRINK AND CLEANOUT SCHEDULE

<table>
<thead>
<tr>
<th>MARK NO.</th>
<th>DESCRIPTION</th>
<th>MAKE / MODEL / SIZE</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FD-1</td>
<td>FLOOR DRAIN</td>
<td>ZURN NO. ZN415-VP</td>
<td>SERIES CAST IRON FLOOR DRAIN WITH FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS AND 6&quot; DIA. NICKEL BRONZE VANDAL-PROOF STRAINER. PROVIDE WITH 4&quot; DEEP SEAL TRAP.</td>
</tr>
<tr>
<td>TD-1</td>
<td>TRENCH DRAIN</td>
<td>JAY R. SMITH 9930</td>
<td>ENVIRO-FLO II HEAVY DUTY MODULAR TRENCH DRAIN WITH DUCTILE IRON FRAME WITH CONCRETE FRAME ANCHORS AND GRATE. FULLY SLOPED CHANNEL WITH WIDTH OF 6&quot; AND AN APPROXIMATE OVERALL LENGTH 15 FEET. PROVIDE WITH LOAD CLASS &quot;C&quot; DUCTILE IRON GRATE. PROVIDE WITH HORIZONTAL OUTLET AND 4&quot; DEEP SEAL TRAP.</td>
</tr>
<tr>
<td>FW/FCO</td>
<td>FLUSH WITH FLOOR CLEANOUT</td>
<td>WADE NO. W-6000</td>
<td>CAST IRON FLOOR CLEANOUT WITH SPIGOT OUTLET FOR &quot;NO-HUB&quot; OR &quot;TY-SEAL&quot; CONNECTION, THREADED ADJUSTABLE HOUSING, FLANGED FERRULE WITH PLUG AND ROUND SECURED NICKEL BRONZE TOP. TOP TO MATCH FINISHED FLOOR AREA.</td>
</tr>
<tr>
<td></td>
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<td></td>
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</table>

BACKFLOW PREVENTER SCHEDULE

<table>
<thead>
<tr>
<th>NO.</th>
<th>MAKE</th>
<th>MODEL</th>
<th>TYPE</th>
<th>SIZE</th>
<th>MAX GPM</th>
<th>MAX PRESSURE</th>
<th>LOSS (PSIG)</th>
<th>MAX WORKING PRESSURE (PSIG)</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BP-1</td>
<td>WILKINS</td>
<td>975XL</td>
<td>RPBP</td>
<td>2&quot;</td>
<td>225</td>
<td>175</td>
<td>15</td>
<td></td>
<td>REDUCED PRESSURE BACKFLOW PREVENTER WITH AN OVERALL LENGTH OF 27 INCHES. PROVIDE WITH Y-STRAINER WITH BLOWDOWN.</td>
</tr>
</tbody>
</table>

PLUMBING NEW WORK GENERAL NOTES

GAS METER DETAIL

VERTICAL GAS PIPE SUPPORT DETAIL

WATER SERVICE DETAIL

INTERIOR DRAIN CLEANOUT DETAIL

FLUSH BOX HYDRANT

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WEST VIRGINIA UNIVERSITY
BUILDING - A GREENHOUSE ADDITION
INSTITUTE, WV

ETA PROJECT #: 2019-0426A
DATE: 11 SEPTEMBER 2020

GENERAL NOTES - MECH. AND PLBG.
West Virginia University, Institute, WV
BUILDING A
ADDITION

ETA PROJECT #:
2019-0426A

MECH. AND PLUMBING
SPECIFICATIONS

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DATE
9/11/20

PRELIMINARY
DO NOT USE FOR CONSTRUCTION

9 SEPTEMBER 2020

MP4

SHEET REVISIONS

DATE
DESCRIPTION

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MECH. AND PLUMBING
SPECIFICATIONS

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9 SEPTEMBER 2020

MP4