MEN'S RESTROOM

A200

1. VERIFY THE LOADING OF EACH CIRCUIT AFFECTED BY REMODELING WORK. THE IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE VERIFIED EXISTING JOB INDICATED.

- Image 2026x146 to 2180x206

2. PROVIDE ALL APPURTENANCES REQUIRED TO REROUTE, RELOCATE, REMOVE, PROVIDE ALL FIXTURES PRIOR TO ROUGH TO THE NEAREST REMAINING ACTIVE J

3. REMOVE ALL OUTLETS AND WIRING ASSOCIATED WITH ALL EQUIPMENT BEING TO THE NEAREST REMAINING ACTIVE J

4. VERIFY THE LOADING OF EACH CIRCUIT AFFECTED BY REMODELING WORK. THE MINIMUM LOAD OF ANY BRANCH CIRCUIT MUST NOT BE LESS THAN ITS RATING.

5. REMOVE ALL OUTLETS AND WIRING ASSOCIATED WITH ALL EQUIPMENT BEING REMOVED. REROUTING ELECTRICAL AND FURNISHING APPLIANCES PRIOR TO COMMENCEMENT OF THE CONTRACT WORK.

Electrical Keynotes:

1. EXISTING LIGHT FIXTURES TO BE RECONNECTED TO EXISTING LIGHTING CIRCUIT.

2. EXIT LIGHT FIXTURES TO BE RECONNECTED TO EXISTING LIGHTING CIRCUIT.

Electrical Notes:

A. CONTRACTOR SHALL VERIFY ALL CIRCUIT LOADINGS AND EXISTING CONDITIONS OF THE SUBSTATION BEFORE THE REMOVAL OF ANY FIXTURE, RELOCATING OR RECONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST TO THE GENERAL CONTRACTOR.UNDER NO CIRCUMSTANCES SHALL CONTRACTORS SUBSTITUTE ELECTRICAL MATERIALS OR EQUIPMENT.

B. CONTRACTOR SHALL REPAIR ALL ARCHITECTURAL, MECHANICAL & STRUCTURAL DAMAGES AND IMPROVEMENTS FOR ANY ADDITIONAL REQUIREMENTS.

C. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRades.

D. ALL ELECTRICAL INSTALLATION SHALL BE AS SHOWN ON THE DRAWING AND CONFORM TO NLPA ELECTRICAL CODE.

E. ALL CONSTRUCTION SHALL COMPLY WITH CURRENTLY ADOPTED VERSION OF NATIONAL ELECTRICAL CODE.

F. SEAL ALL MASONRY, DWF AND FLOOR PREMATURELY WITH "U" LISTED FIRE BARRIER.

G. ALL STEELWORK SHALL BE POLISHED AND CLEANED WITHIN WALLS AND ON WALLS ABOVE

H. REFER TO SHEET K FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL FIXTURES PRIOR TO INSTALLATION.

- Image 59781145936157680765807368851488278653726066511102942558192591947471215883425060309426530414380461846985026329247857840011342253569690553377458408749277313499136

- Image 14723589126444273393171358107260308204389168465134058316402498528353172161343255962952635425392579847266436127044337332445567194736657491813477526522918000918528

- Image 18451943299079012314629399767427262961286085903063090770034902970578741676336785218181759499979270893287255266568194803869963301195220874942870028474998178447360

- Image 23219

- Image 20460406723060792358266991997363066049185460397893683229015779725784540137752755973097285245117084158342012586362927702233440087138222656806557760863934590484480

- Image 59781145936157680765807368851488278653726066511102942558192591947471215883425060309426530414380461846985026329247857840011342253569690553377458408749277313499136
GROUNDING SYSTEM:
COORDINATE WITH THE WORK OF ALL OTHER SECTIONS. VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. REFER TO WORK TO AN ENTITY APPROVED FOR USE BY THE OWNER AND ROOF MANUFACTURER.

DESCRIPTION SYMBOL
480V, 1P EQUIPMENT CONNECTION
CLOCK OUTLET
FIRE ALARM ADA VISUAL SIGNAL
FIRE ALARM AUDIO/VISUAL SIGNAL
FIRE ALARM PULL STATION
LOCATIONS ABOVE CEILING.

ADJUSTING AND TESTING: ALL ELECTRICAL EQUIPMENT SHALL BE ADJUSTED AND TESTED FOR PROPER OPERATION.

INSTALL CONDUIT PARALLEL OR PERPENDICULAR TO ALL BUILDING LINES, SUCH THAT ALL OPENINGS, DEPRESSIONS, CONCEAL WIRING SYSTEM ABOVE SUSPENDED CEILINGS OR IN WALL OR FLOOR CONSTRUCTION WHERE POSSIBLE.

PLATE. PLATE TO CONSIST OF TWO SPRING LOADED LIDS HINGED AT TOP.

SINGLE RECEPTACLE:
STRANDED, #10 AND LARGER TO BE STRANDED, MINIMUM #12, UNLESS OTHERWISE INDICATED. ALL EQUIPMENT TO BE COMPLIED WITH THE NATIONAL ELECTRICAL CODE AS APPLIED TO THE SPECIFIC PROJECT.

LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND FITTINGS: UL 360. FITTINGS TO BE SPECIFICALLY APPROVED FOR USE WITH LIQUID-TIGHT FLEXIBLE METAL CONDUIT.

GLASS BREAK
DESCRIPTION SYMBOL
ABOVE FINISHED FLOOR EXISTING
ALARMS OR SIEMENS. ALL EQUIPMENT SHALL BE U.L. LISTED AND MEET OR EXCEED ALL OF THE LATEST APPLICABLE U.L. AND NEMA STANDARDS.

SCHEDULE IDENTIFYING ALL BRANCH CIRCUITS INSIDE EACH CABINET.

WITHIN THE WORK OF ALL OTHER SECTORS. VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. REFER TO WORK TO AN ENTITY APPROVED FOR USE BY THE OWNER AND ROOF MANUFACTURER.

MATERIALS AND WORKMANSHIP SHALL MEET OR EXCEED ALL OF THE LATEST APPLICABLE U.L. AND NEMA STANDARDS.

LIGHTING SYSTEM
SECTION 16000

COMPLETED WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS.

IN EXTERIOR LOCATIONS, EMT CONNECTORS AND COUPLINGS 2" AND SMALLER SHALL BE COMPRESSION TYPE. CLAMP CONNECTORS SHALL BE COMPRESSION TYPE OR POWER WHEEL.

CO-CONTROL WITH THE WORK OF ALL OTHER SECTORS. VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. REFER TO WORK TO AN ENTITY APPROVED FOR USE BY THE OWNER AND ROOF MANUFACTURER.

ELECTRICAL SYSTEM

COMPLETED WIRING SYSTEM SHALL BE FREE OF SHORT CIRCUITS.

IN EXTERIOR LOCATIONS, EMT CONNECTORS AND COUPLINGS 2" AND SMALLER SHALL BE COMPRESSION TYPE. CLAMP CONNECTORS SHALL BE COMPRESSION TYPE OR POWER WHEEL.

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### PLUMBING SYSTEM SECTION 15400

The project includes provisions and materials to be used, as specified herein, for plumbing work. Work shall be performed in accordance with regulations and requirements of the plumbing codes and local authorities having jurisdiction. When necessary to conform to local codes and regulations, this system of plumbing shall be modified. Any modifications required by the local authorities having jurisdiction will be coordinated with the architect and engineer.

#### GENERAL NOTES:
- All water services shall be connected to the nearest public water main. Where necessary, water shall be supplied by separate water mains and meters, or by water tanks or pumps, as designated by the architect.
- All work shall be performed in accordance with the latest edition of the Uniform Plumbing Code and the International Plumbing Code, as well as local codes and regulations.
- All materials, fixtures, and fittings shall be of approved quality and shall be installed in accordance with the manufacturer's instructions and local codes.

#### PLUMBING SPECIFICATIONS

**PLUMBING FIXTURE SCHEDULE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Minimum Diameter</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urinal</td>
<td>3/4&quot; 2&quot; 2&quot; 1-1/2&quot;</td>
<td>KOHLER No. K-4991-ET</td>
<td>&quot;BARDON&quot; URINAL</td>
</tr>
<tr>
<td>Lavatory</td>
<td>1-1/4&quot; 1-1/2&quot; P-trap for all lavatories</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Toilet</td>
<td>1-1/2&quot; 2&quot; P-trap for all toilets</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLUMBING PIPE MATERIALS SCHEDULE**

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Piping</td>
<td>Schedule 40 DWV PVC COPPER, Type &quot;L&quot; Hard Drawn</td>
<td></td>
</tr>
</tbody>
</table>

**PLUMBING RISER DETAILS**

General Energy Notes:
- Energy-efficient plumbing systems shall be installed to comply with local and state energy codes.
- Water heaters shall be of the most efficient type and size, as specified by the architect.
- All plumbing systems shall be designed to minimize energy consumption.

#### PLUMBING EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>Description</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation Kit</td>
<td>TRUEBRO 103 EZ SERIES</td>
</tr>
<tr>
<td>Faucet</td>
<td>C.I., FLOOR MOUNTED.</td>
</tr>
</tbody>
</table>

**PLUMBING LEGEND**

PLUMBING GENERAL NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE BEFORE COMMENCING ANY PHASE OF THE WORK. ADJUSTMENTS FOR FIT AND COORDINATION SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER. NOTIFY ENGINEER OF ANY CONFLICTS, DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF THE CONTRACT WORK.

2. CONTRACTOR SHALL REVIEW ALL ARCHITECTURAL, MECHANICAL & STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS.

3. CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES.

4. SEAL ALL WALL, ROOF, AND FLOOR PENETRATIONS WITH UL LISTED FIRE SEALANT.

5. PLUMBING CONTRACTOR TO FIELD COORDINATE WITH STRUCTURAL. ROUTE SANITARY LINES OUT AND AWAY FROM BEAMS WHERE POSSIBLE AND CROSS BEAMS PERPENDICULAR WITH SLEEVES AS REQUIRED.

6. REMOVE AND CAP ABOVE CEILING LEVEL ALL DOMESTIC WATER AND VENT PIPING LOCATED IN WALLS THAT ARE TO BE DEMOLISHED.

7. WHERE PLUMBING FIXTURES ARE TO BE REMOVED AND RELOCATED OR REPLACED, THE CONTRACTOR SHALL CUT AND REPAIR EXISTING WALLS, FLOORS, AND CEILINGS AS NECESSARY TO MATCH NEW CONDITIONS.

PLUMBING KEY NOTES:

- EXISTING FIXTURE TO REMAIN. PROTECT DURING RENOVATION. CLEAN AND CAULK IF NEEDED.
- REMOVE EXISTING WATER CLOSET CARRIER AND REVISE PIPING FOR NEW URINAL.
- REMOVE EXISTING LAVATORY AND APPURTENANCES. CLEAN AND STORE ELECTRONIC FAUCET AND POWER SUPPLY FOR REINSTALLATION.
- INSTALL NEW FIXTURE AS SCHEDULED. CONNECT TO EXISTING WASTE AND WATER IN WALL.
- INSTALL NEW LAVATORY AS SCHEDULED. CONNECT TO NEAREST WASTE, VENT, HOT, AND COLD WATER. REMOVE EXISTING WATER CLOSET CARRIER AND POWER SUPPLY.
- REMOVE ALL WATER PIPING AS SCHEDULED. CONNECT TO MARKET WASTE, VENT, HOT, AND COLD WATER. REMOVE EXISTING WATER CLOSET CARRIER AND POWER SUPPLY.
- REMOVE WALL PIPING AS SCHEDULED. CONNECT TO MARKET WASTE, VENT, HOT, AND COLD WATER. REMOVE EXISTING WATER CLOSET CARRIER AND POWER SUPPLY.