POOL EQUIPMENT ROOM DEMOLITION PLAN

POOL EQUIPMENT ROOM DEMOLITION GENERAL NOTES:
1. ALL APPLICABLE STATE & LOCAL LAWS AND CODES SHALL BE FOLLOWED.
2. ANY CHANGES OR UNCLEAR PORTIONS OF THIS PLAN SHALL BE REQUESTED AND APPROVED BY THE ARCHITECT PRIOR TO PROCEEDING.
3. ALL DECISIONS AS TO MATERIALS AND CONSTRUCTION METHODS SHALL BE BASED ON THE INFORMATION PROVIDED IN THIS DRAWING.

EXISTING POOL EQUIPMENT ROOM DEMOLITION NOTES:
1. REMOVE EXISTING POOL MECHANICAL EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW REPLACEMENT EQUIPMENT PER PLANS.
2. REMOVE ALL FILTER HOUSEKEEPING PAD & REMOVE ALL 10" PIPE FOR FILTER BACKWASH DISCHARGE.

DEMOLITION SCHEDULE

<table>
<thead>
<tr>
<th>Callout</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ACID STORAGE TANK</td>
<td>DEMOLISH</td>
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<tr>
<td>2</td>
<td>CHEMICAL STORAGE TANK</td>
<td>REMAIN &amp; PROTECT</td>
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<tr>
<td>3</td>
<td>CO2 STORAGE TANK</td>
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<tr>
<td>4</td>
<td>EMERGENCY EYE WASH</td>
<td>DEMOLISH &amp; PROTECT</td>
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<td>5</td>
<td>FILTER HOUSEKEEPING PAD</td>
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<tr>
<td>6</td>
<td>FILTER MANIFOLD PIPE</td>
<td>TO REMAIN</td>
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<tr>
<td>7</td>
<td>GUARDRAILS</td>
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<td>8</td>
<td>PUMP PIT</td>
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<td>9</td>
<td>ACID METERING PUMP</td>
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<tr>
<td>10</td>
<td>CHLORINE METERING PUMP</td>
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<td>11</td>
<td>CO2 FEEDING SYSTEM</td>
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<tr>
<td>12</td>
<td>FLOW METER</td>
<td>DEMOLISH</td>
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<tr>
<td>13</td>
<td>DOORS</td>
<td>DEMOLISH</td>
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<tr>
<td>14</td>
<td>WATER SUPPLY LINE</td>
<td>TO BE DEMOLISHED FOR (E) EMERGENCY EYEWASH/SHOWER LOCATION</td>
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</table>

NEWPORT HARBOR HIGH SCHOOL
POOL EQUIPMENT REPLACEMENT
600 IRVINE AVENUE
NEWPORT BEACH, CA 92663

DESIGNED:

NEWPORT HARBOR HIGH SCHOOL
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DRAWN:

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DATE:

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CONSTRUCTION DOCUMENT

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PROPERTY NO.: BE206005

DESCRIPTION:
POOL EQUIPMENT ROOM RENOVATED PLAN

EQUIPMENT ROOM NOTES:
1. ALL PIPING TO BE SCHEDULE 80 PVC UNLESS NOTED OTHERWISE.
2. SEE PIPING PLANS TO VERIFY PIPE SIZES AND FOR CONTINUATION OF VERTICAL PIPE LINE.
3. ALL CHEMICAL FEED TUBING TO BE WRAPPED IN 1" SCH 80 PVC WITH 3/8" INSULATION AND SUPPORTED ON (2) SUPPORTING 1" SCH 80 PVC HOUSING.
4. ALL CHEMICAL FEED TUBING ENCLOSED IN 1" SCH 80 PVC PIPING ROUTED OVERHEAD.
5. 6'-8" MIN CLEARANCE TO UNDERSIDE OF ANY OVERHEAD PIPING LINES, TYP.
6. NEWACOM CBR-60 SUPPLIES SHALL BE WATERPROOFED.
7. THE FOLLOWING INFORMATION SHALL BE UPLISTED AND POSTED IN THE POOL. METHANE FLOOD REACTION PROCEDURES, POOL FILLING AND DRAINING, VOLTAGE INTERLOCK CHART, EQUIPMENT ROOM PLAN, POOL EQUIMENT ROOM CROSS SECTION SCHEMATICS.
8. PIPING AND TANKING TO SCALE. SHOWN TO REDUCE WORK TO BE DONE AND ENSURE MATCHING BETWEEN BUILDING AND ELECTRICAL SYSTEM.
9. THE FOLLOWING INFORMATION SHALL BE UPLISTED AND POSTED IN THE POOL. METHANE FLOOD REACTION PROCEDURES, POOL FILLING AND DRAINING, VOLTAGE INTERLOCK CHART, EQUIPMENT ROOM PLAN, POOL EQUIMENT ROOM CROSS SECTION SCHEMATICS.
10. PIPING VALUES NOT SHOWN. SEE CIRCULATION SCHEMATICS FOR VALUES REQUIRED, LOCATIONS, AND SPECIFICATIONS.
11. ALL PIPING SHALL INTERSECT WITH EXISTING COMING SYSTEM. SIMULATION OF WATER TO CIRCULATION PUMP SHALL BE SHOWN.
12. THE FOLLOWING INFORMATION SHALL BE UPLISTED AND POSTED IN THE POOL. METHANE FLOOD REACTION PROCEDURES, POOL FILLING AND DRAINING, VOLTAGE INTERLOCK CHART, EQUIPMENT ROOM PLAN, POOL EQUIMENT ROOM CROSS SECTION SCHEMATICS.

POOL EQUIPMENT ROOM RENOVATED PLAN
(E) SPCS SCHEMATIC

(N) IMPACT FLOW METER

(N) CO2 FEED INJECTION

(N) CHEMICAL CONTROLLER SCHEMATIC

(N) FLOW METER SENSOR

(N) CHEMICAL HAZARD WARNING SIGNAGE

(E) CHEMICAL CONTROLLER SCHEMATIC

(N) EMERGENCY EYEWASH & SHOWER

(N) CHEMICAL FEED TANK

Copyright © 2020 Terracon Consultants, Inc. All rights reserved. This document was prepared for use only by the client, for the purposes stated, and within a reasonable time from its issuance.
1. Fasteners shall be stainless steel for exterior use or when exposed to weather. Provide galvanized carbon steel anchors, of similar consistent size to the schedule and the anchorage shall be 4.8 in. The anchors shall be Nucor Certified or have an alternative manufacturer certification. The structural engineer approves a proposed alternative. All anchors, nuts, and washers shall be stainless steel.

2. Anchors shall be produced to meet the requirements of ASME Section VIII Division 1 and ASME Section XI. The minimum required yield stress of anchors, bolts, nuts, and washers shall be 60,000 psi. The minimum required tensile strength of anchors, bolts, nuts, and washers shall be 80,000 psi.

3. Chemical anchors shall be produced to meet the requirements of the International Code Council (ICC) and the minimum required yield stress of anchors shall be 60,000 psi. The minimum required tensile strength of anchors shall be 80,000 psi.

4. Chemical meters shall be produced to meet the requirements of the Chemical and Petrochemical Engineering Code (CPEC) and the minimum required yield stress of meters shall be 60,000 psi. The minimum required tensile strength of meters shall be 80,000 psi.

5. Chemical filters shall be produced to meet the requirements of the Chemical and Petrochemical Engineering Code (CPEC) and the minimum required yield stress of filters shall be 60,000 psi. The minimum required tensile strength of filters shall be 80,000 psi.

6. Chemical pumps shall be produced to meet the requirements of the Chemical and Petrochemical Engineering Code (CPEC) and the minimum required yield stress of pumps shall be 60,000 psi. The minimum required tensile strength of pumps shall be 80,000 psi.

7. Chemical storage tanks shall be produced to meet the requirements of the Chemical and Petrochemical Engineering Code (CPEC) and the minimum required yield stress of storage tanks shall be 60,000 psi. The minimum required tensile strength of storage tanks shall be 80,000 psi.

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NOTES:
1. CONTRACTOR SHALL FOLLOW ALL RECOMMENDATIONS FROM MANUFACTURER
2. ALL MOUNTING, UNISTRUT SUPPORTS, ANCHORS, AND FASTNERS TO BE STAINLESS STEEL V/N.O.
3. HANG PIPES AS CLOSE TO UNDERSIDE OF ROOF/ROOF FRAMING AS POSSIBLE

<table>
<thead>
<tr>
<th>NOMINAL PIPE SIZE (INCHES)</th>
<th>HANGER SUPPORT SPACING (FEET)</th>
<th>MINIMUM ROD SIZE FOR SINGLE ROD HANGER (INCHES)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 &amp; LESS</td>
<td>4</td>
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<td>Greater than 8</td>
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</table>

TYPICAL BOLT CLEARANCE ELEVATION

TRAPEZE HANGER SUPPORT

PIPE HANGER TABLES

PIPING SUPPORT DETAILS

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**DOOR TYPES**

1. **TYPE A**
2. **TYPE B**
3. **TYPE C**
4. **TYPE D**
5. **TYPE E**
6. **TYPE F**

**DOOR THRESHOLD**

- 3" = 1'-0"

**FINISH NOTES:**
1. Ensure that substrates to receive finishes are clean, true, and free of irregularities. Do not proceed with work unless irregularities have been corrected.
2. Prime painted wood surfaces 1" from top and bottom of doors to ensure compatibility of materials installed over different substrates.
3. All finishes shall be protected during construction. Any damage shall be repaired by contractor with no credit to owner.
4. Finishes shall be of a quality standard, which, when applied, shall receive 3 coats 24 hours apart to match adjacent walls and finishes.
5. Paint back sides of divisive access panels if panels cover areas to match exposed surfaces. Thinner to be 2 mil brushing, non-porous plastic film to prevent finishing of wall surfaces. Remove such films prior to painting and metal, as required.
6. All doors require labels such as "L", "F", "FACTORY MISTAKENLY," or any equivalent identification of manufacturer, performance ratings, name, or non-narrative plastic label, prevent finishing and not painted.
7. Prime or paint all exposed surfaces with a minimum of 2 coats. Gambia colors to receive minimum of 5 coats for proper coverage.
8. All doors/paint, to be properly sealed, should be closed prior to painting.
9. No finishing or interior finishing shall be done under conditions which compromise the quality of appearance of such work.
10. Exterior finish on building supports shall be applied with clap, glued last prior to application of the first coat, in order to lay flat any way which may allow finishes during the sanding process. Do not lay flat any way which may allow finishes during the sanding process. Do not lay flat any way which may allow finishes during the sanding process.

**DOOR SCHEDULE**

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**FINISH NOTES:**

- 2.1.1. AT CONSTRUCTION OF FINISHING, ALL PAINT MATERIALS AND EQUIPMENT SHALL BE CLEAN. ALL PAINT WORK PRACTICES AND ALL ACCESSORIES SHALL BE CLEANED. ANY SPOT OWNING CAUSE OF ADOPTS SHALL BE CLEANED UP AS WORK PROGRESSES.

- 2.1.2. NOTICE ON PURCHASING PAINT CONTRACTS LACED WITH DIFFERENT WORK AS DIFFERENT BY THE CONTRACTOR, THE COST OF SUCH WORK SHALL BE BORNE BY THE PINDER RESPONSIBLE FOR THE DAMAGE.

- 2.1.3. MATERIAL OF PAINTS AND EQUIPMENT SHALL BE CLEANED AT COST. ANY SPOT OWNING CAUSE OF ADOPTS SHALL BE CLEANED UP AS WORK PROGRESSES.

- 2.1.4. CONTRACTOR TO PROVIDE MAINTENANCE WARRANTY UP TO 3 YEARS AFTER FINISHES ARE COMPLETED. PAINTS FOR PAINTING, PAINT AND PAINTING PRODUCTS, PROVIDE WARRANTY.

- 2.1.5. ALL PAINTS, SEALANTS, AND COATINGS ARE TO COMPLY WITH ALL USE LIMITS IN CALIFORNIA CODE REGULATIONS TITLE 8 (ACCESSORIES FOR FURNITURE) AND OTHER APPLICABLE REGULATIONS (CALIFORNIA ROOFING CODE REGULATIONS TITLE 26, SUBTITLE C).