
DEMOLITION AND REMOVAL

1. GENERAL

1.1 Work Included

- .1 Demolition and removal work shall be undertaken generally in accordance with the Specifications and Drawings. The work shall include, but not necessarily be limited to the following:
 - .1 Removal or modification of existing 600 mm and 900 mm diameter steel piping to accommodate the installation of the Deacon Booster Pumping Equipment, magnetic flow meter, pump discharge valves and isolation valves.
 - .2 Removal or re-routing of existing service piping to facilitate the installation of pumping units.
 - .3 Removal or modification of existing concrete pipe supports, equipment pads, and curbs.
 - .4 Coordinate with Section 03300 – Cast-In-Place Concrete for preparation of concrete surfaces where railing, pipe supports, equipment pads, curbs, etc. have been removed.
 - .5 Supply and installation of enclosures and equipment for dust control, fencing, netting, bracing, or other items as required to protect remaining structures, equipment, services, and adjacent areas.
 - .6 Coring of holes for anchor bolts, pipes, and conduits.
 - .7 Protection of existing Plant during demolition work.
 - .8 Final cleaning of Site.

1.2 Protection

- .1 Protect existing items designated to remain and items designated to be incorporated into the new work. In event of damage, replace such items or make repairs to acceptance of Contract Administrator and at no additional cost to the City.
- .2 When demolishing existing concrete, dust control measures shall be exercised in order to prevent contamination of existing equipment. As a minimum, areas of demolition shall be enclosed, negative pressure maintained during dust creating work, and work kept wetted down to prevent dust migration.

2. EXECUTION

2.1 Preparation

- .1 Inspect Site and verify with Contract Administrator, items designated for removal, items to be preserved, and items to be protected.

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2.2 Removal

- .1 Remove items indicated.
- .2 Do not disturb adjacent items designated to remain in place.

2.3 Coring

- .1 Core holes through walls and slabs for piping and into equipment pads and floor slab to accept anchor bolts. Coordinate with Division 11 for correct location, size, and depths for the anchor bolts for the new equipment bases, and with Division 15 for correct size and location for coring for piping.
- .2 Coring is to be done to neat lines perpendicular to the surface and to depths required.

2.4 Disposal of Material

- .1 All demolished materials shall be offered to the City who then will advise the Contractor of its disposal. The Contractor is to notify the City and the Contract Administrator at least 14 days prior to anticipated disposal date.
- .2 Dispose of other demolition materials (i.e., concrete rubble, etc.) off-site at an acceptable disposal site.

2.5 Restoration

- .1 Reinstall areas and existing works outside areas of demolition to match condition of adjacent, undisturbed areas. Provide new materials for restoration, e.g., paints, etc.

END OF SECTION