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Addendum No. 2

DATE: November 23, 2022

TO: ALL PLANHOLDERS OF THE GALVAN PARK RESTROOM REPLACEMENT PROJECT

FROM: YAT CHO – PROJECT ENGINEER

RE: CLARIFICATION

1. Replace Bid Schedule I – General with attached Bid Schedule I – General (Revised)
2. Replace Sheet 2 of plans with attached Sheet 2.
3. The project duration for the project is 60 calendar days.
4. The Engineer's Estimate is \$150,000.
5. Add Exeloo Restroom Quotation as Appendix C of the Project

ADDENDUM ACKNOWLEDGMENT

Bidder acknowledges receipt of this addendum, which shall be attached to the proposal.

Contractor's Representative

Date

THIS DOCUMENT SHALL BECOME A PART OF THE PROJECT SPECIFICATIONS

BID SCHEDULE I – GENERAL (Revised)

GALVAN PARK RESTROOM REPLACEMENT PROJECT

This Bid Schedule must be completed in ink and included with the sealed Bid Proposal. Pricing must be provided for each Bid Item as indicated. Items marked "(SW)" are Specialty Work that must be performed by a qualified Subcontractor. The lump sum or unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the "Extended Total Amount" column must be identical to the Base Bid price entered in Section 1 of the Bid Proposal Form. Quantities shown are required for bid purposes and may or may not be final pay quantities. Actual quantities, if different, must be substantiated during the Project by the Contractor (either by field measurement, trucking tags, or other means acceptable to the Engineer).

AL = Allowance
LF = Linear Foot

CF = Cubic Feet
LS = Lump Sum

CY = Cubic Yard
SF = Square Feet

EA = Each LB = Pounds
TON = Ton (2000 lbs)

Bid Item No.	Description of Bid Item	Estimated Quantity/Unit of Measure	Unit Price	Extended Total Amount
1	Mobilization	1 LS	\$	\$
2	Construction Surveys	1 LS	\$	\$
3	Water Pollution Control Program	1 LS	\$	\$
4	Existing Restroom Demolition and Concrete Flatwork Removal	1 LS	\$	\$
5	Earthwork and Grading	1 LS	\$	\$
6	Prefabbed Restroom (City Furnished)	1 LS	\$	\$
7	Concrete Flatwork	1000 SF	\$	\$
8	Supplemental Work	1 LS	\$10,000	\$10,000
9	Furnish and Install Drinking Fountain	1 LS	\$	\$

Bid Schedule I Total	
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TOTAL BASE BID: Items 1 through 9 inclusive:
\$ _____

Note: The amount entered as the "Total Base Bid" should be identical to the Base Bid amount entered in Section 1 of the Bid Proposal form.

END OF BID SCHEDULE

TECHNICAL SPECIFICATIONS (Revised)

SECTION 100 – MEASUREMENTS AND PAYEMENTS**PART 1 - GENERAL****SCOPE OF CONTRACT SUM**

- 1) The Contract Sum for performance of the Work under Contract Documents, or under any Bid item, allowance, or Alternate, shall include full compensation for all Work required under the Contract Documents, including without limitation, all labor, materials, taxes, transport, handling, storage, supervision, administration, and all other items necessary for the satisfactory completion of the Work, whether or not expressly specified or indicated, incidental work and unexpected expenses, and all terms, conditions, requirements and limitations set forth in the Contract Documents.
- 2) Contract Sum may be expressed as lump sum, unit price, guaranteed maximum price, allowance, or combination thereof.
- 3) Unless otherwise noted, estimated quantities on the bid schedule are believed to be accurate, however, the Contractor should verify the quantities as it relates to ordering sufficient material and scheduling work. Actual field measured quantities, complete in place, not the quantities listed in the bid schedule, will govern final payment.

UNIT PRICE ITEMS

- 1) Quantity of Work to be paid for under any item for which a unit price is fixed in Contract Documents shall be determined by Owner based on, so far as practicable, actual number of units satisfactorily completed, as determined by Owner and certified by Contractor, within prescribed or ordered limits, and no payment will be made for Work unsatisfactorily performed or done outside of limits.
- 2) Unit Prices shall apply to Work covered by unit prices so long as actual quantities performed on the Project are not less than 75 percent or greater than 125 percent of the estimated quantities bid or otherwise stated in the Contract Documents. If actual quantities exceed these parameters, then the unit price shall be adjusted by an amount to reflect the Contractor's incremental cost differential resulting from increased or decreased economies of scale.
- 3) The use of term "Revocable Item" if used in bid items, is implied the bid item may be increased or decreased from work at the option of the City. Revocable items shall be exempt from the 25 percent quantity adjustment and/ removed from completely from scope of work.

LUMP SUM ITEMS

- 1) When estimated quantity for specific portion of Work is not indicated and/or Work is designated as lump sum, payment will be on a lump sum basis for Work satisfactorily completed in accordance with Contract Documents.
- 2) Payment for lump sum Work, or items of Work subject to a lump sum (e.g. without limitation, change order work), shall be made on the basis of satisfactory completion of such Work or work item, earned in progressive stages in accordance with the Contract Documents, up to but not exceeding the Contractor's percentage completion of the Work or item.
- 3) Lump sum items shall be paid based upon the approved Schedule of Values, which shall be used to measure progressive payments based upon satisfactory progress towards completion of the item.

PART 2 - BID ITEM DESCRIPTIONS

Unless specifically indicated in this section, full compensation for conforming to the requirements is included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

Bid Item #1 - Mobilization

Mobilization shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

- **Mobilization shall also include a temporary 6' high chain link fencing around the perimeter of the work area. This temporary chain link fence shall be in use until the project is complete.**
- **A no cost City of Morgan Hill building permit will need to be secured by the general contractor for this project.**
- **Contractor shall provide temporary restrooms for the duration of this project for public use.**

The contract price paid for Mobilization shall include, but not limited to, preparatory work and operations, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site, as shown on the plans, as specified in Section 9-1.16D, "Mobilization," of the Caltrans Standard Specifications, these Technical Specifications, and as directed by the Engineer, and no additional compensation will be allowed, therefore. Mobilization shall not exceed 5% of contract amount.

Bid Item #2 – Construction Surveys

Construction Surveys shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

The contract price paid for Construction Surveys shall include, but not limited to, performing vertical and horizontal survey work and other incidentals as performed by a professional surveyor, staking and layout, verification and necessary adjustments as it relates to existing field conditions, verification and location of existing utilities in a horizontal and vertical plan, other detailed survey work, as shown on the plans, as specified in Section 5-1.26, "Construction Surveys", of the Caltrans Standard Specifications, these Technical Specifications, and as directed by the Engineer, and no additional compensation will be allowed therefore.

Bid Item #3 – Water Pollution Control Program

Water Pollution Control Program shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

The contract price paid for Water Pollution Control Program shall include, but not limited to, perform construction best management practices, erosion control, drain inlet protection, as shown on the plans, as specified in Section 13, "Water Pollution Control", and Section 21,

“Erosion Control”, of the Caltrans Standard Specifications, Section 102, “Stormwater Pollution Control”, of these Technical Specifications, and as directed by the Engineer, and no additional compensation will be allowed therefore.

Bid Item #4 – Existing Restroom Demolition and Concrete Flatwork Removal

Existing Restroom Demolition and Concrete Flatwork Removal Construction shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

- **Contractor to cap all existing water/sewer and electrical lines after demolition of the existing Galvan Park Restroom.**

The contract price paid for Existing Restroom Demolition and Concrete Flatwork Removal shall include, but not limited to, sawcut, excavation, demolition, removal and off-site disposal of existing concrete, base, stones, debris, waste materials, and performing the work as indicated on the Plans, described in Section 15, “Existing Facilities”, of the Caltrans Standard Specifications, Section 103, “Clearing and Grubbing”, of these Technical Specifications, and no additional compensation will be allowed therefore.

Bid Item #5 – Earthwork and Grading

Earthwork and Grading shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

The contract price paid for Earthwork and Grading, including preparation of subgrades, construction of fills and embankments, surfacing and grading, disposal of excess materials, all necessary sheeting, shoring, and bracing work, and other appurtenant work necessary and no additional compensation will be allowed therefore.

Bid Item #6 – Prefabbed Restroom (City Furnished)

Prefabbed Restroom (City Furnished) shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

The Exeloo Corporation Model Jup22DD prefabricated restroom will be furnished by the City with an estimated delivery date of March 10, 2022. The contractor will make all necessary accommodations in preparation of the prefabricated restroom, included but not limited to any necessary grading, backfill, site preparation, new concrete foundation, sewer lateral connection, water service connection, and power connections. The prefabricated restroom will require additional work for final installation once on site and will require additional assembly.

Bid Item #7 – Concrete Flatwork

Concrete flatwork shall be paid by square feet area constructed from actual measurement in the completed work.

The contract square foot price paid for concrete flatwork shall include, but not limited to, providing, placing and compacting aggregate base, supplying concrete to the site, forming, grading,

reinforcing, placing concrete, removing forms, curing, finishing, loading and removing waste materials from the site, placing expansion joint material, dowels, rebar, epoxy, curing compound, , restoration of surrounding improvements, regrading and conform to the back of the concrete flatwork, adjusting irrigation as necessary, and performing the work as indicated on the Plans, described in Section , "Concrete Improvements", of these Technical Specifications, and no additional compensation will be allowed therefore.

Bid Item #8 – Supplemental Work

Supplemental Work shall include any new or unforeseen work not specified for on the plans and specifications. The lump sum dollar amount listed in the bid schedule will be included in each bidder's proposal. Supplemental work shall be performed only upon direct written authorization from the Project Engineer. Agreed price may be used as an alternate method of payment, if directed by the Project Engineer.

Bid Item #9 – Furnish and Install Drinking Fountain

Furnish and Install Drinking Fountain shall be paid by lump sum. Payments for the lump sum item shall be determined based on the percentage of the bid item work completed as determined by the Engineer at the time the progress payment is prepared, and no additional compensation shall be made.

The Drinking fountain shall be **Most Dependable 10145 SMSS** with pet fountain or approved equal. The contractor will make all necessary accommodations in preparation of the drinking fountain in preparation of the drinking fountain, included but not limited to any necessary grading, backfill, site preparation, concrete foundation, sewer lateral connection and water service connection.

SECTION 101 – MOBILIZATION

PART 1 - GENERAL

1.01 SCOPE

This section covers mobilization, which shall consist of preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies and incidentals to the project site; for the establishment of all offices, buildings, sanitation and other facilities necessary for work on the project; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site, complete.

The contractor shall cooperate with utility companies (PG&E, Verizon, Charter Cable and others). The contractor shall coordinate all their activities with the utility companies and Exeloo Corporation to provide them with sufficient time and opportunity to locate or relocate their facilities, if needed.

PART 2 - MATERIALS (Not used)

PART 3 - EXECUTION (Not used)

PART 4 - MEASUREMENT AND PAYMENT

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

SECTION 102 – STORMWATER POLLUTION CONTROL

PART 1 - GENERAL

The Contractor shall comply with Section 13, "Water Pollution Control", of the Caltrans Standard Specifications.

Water Pollution Control Plan

Contractor shall implement and maintain temporary erosion and sediment control (Water Pollution Control Plan) for the project as detailed in the most recent version of the Erosion Control and Sediment Control Field Manual for California, and the latest edition of the California Stormwater Quality Association (CASQA) BMP Handbook, Construction, for the entire duration of the project. A Water Pollution Control Plan shall be submitted by the Contractor to the Engineer for approval prior to proceeding with any work on this project.

PART 2 – MATERIALS

Included in Section 100, "Measurements and Payments" of these Technical Specifications. Best Management Practice (BMP) products shall be as specified in the latest edition of the CASQA BMP Handbook, Construction.

PART 3 - CONSTRUCTION

Water Pollution Control Plan

Erosion and sediment control work shall consist of applying BMP's to control the discharge of storm water pollutants from the project site. BMP's shall be used to cover all temporary erosion and sediment control situations that arise during construction including unanticipated field conditions year-round. These erosion and sediment control measures shall control and contain erosion-caused silt deposits and provide for the safe discharge of silt-free storm water into existing and proposed storm facilities.

The Water Pollution Control Plan shall be designed to ensure the project site is protected for the entire duration of the project.

Contractor shall implement and maintain all Water Pollution Control Plan work for the project that shall include:

- 1) Construction of any and all necessary systems to eliminate contaminants from entering the storm system.
- 2) Clean up and control of the work site materials, spoils and debris.
- 3) Removal of contaminants produced by equipment used for the construction of the project.
- 4) Prohibition of illicit discharge (non-rain water) into the storm system.
- 5) Provision of all labor, materials, equipment and apparatus not specifically mentioned herein or noted on the plans, but which are incidental and necessary to complete the work specified.

Contractor shall be responsible for ensuring that all sub-contractors, and suppliers are aware of all water pollution control measures and that they implement such measures. Failure to comply with the storm water quality regulations and specifications will result in the issuance of verbal or written corrective notices, citations, fines, and/or a project stop order.

Contractor shall maintain erosion and sediment control measures daily. Contractor shall submit to the Engineer for approval, the name of the person responsible for the daily maintenance of these facilities, along with a phone number where they can be reached twenty-four (24) hours a day.

Erosion and Sediment Control

Temporary erosion and sediment control work shall consist of applying erosion control materials to embankment slopes, excavation slopes and other areas designated on the Water Pollution Control Plan, and installing sediment control such as, but not limited to, fiber roll, silt fence, inlet protection, gravel bags, headwall protection and stabilized construction entrances and exits, or other measures as specified in the Water Pollution Control Plan.

Emergency Erosion and Sediment Control

Emergency erosion and sediment control shall consist of any measures not addressed in the approved Water Pollution Control Plan for any of the project phases but the Engineer deems necessary to prevent degradation of water quality after start of construction.

PART 4 - MEASUREMENTS AND PAYMENTS

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

SECTION 103 – EXISTING RESTROOM DEMOLITION AND CONCRETE FLATWORK REMOVAL

PART 1 - GENERAL

This work shall consist of removing and disposing of all existing facilities shown on the Plans, including all objectionable material, existing restroom, aggregate, soil, concrete flatwork, planter materials from within the limits of the project as specified. The limits of existing restroom demolition and concrete flatwork removal shall be of sufficient area and depth to complete the work as shown on the plans or described in these Technical Provisions.

- 1. Saw cutting and demolition of existing concrete slabs and concrete flatwork**
 - 2. Demolition of existing restroom building with footing/foundation**
- **Contractor to provide temporary fencing around site during construction.**
 - **Contractor to provide for temporary restrooms during construction.**
 - **Contractor to cap all existing utility lines after demolition of the existing Galvan Park Restroom and be ready to reinstall water, sewer, and electrical connections in for the new Prefabricated restroom.**

PART 2 - MATERIALS

(None)

PART 3 – CONSTRUCTION

Site Conditions

- A. Occupancy: Paving areas and existing structures to be removed or demolished will be vacated and discontinued in use prior to the start of work.
- B. Explosives: Use of explosives for demolition work is not permitted.
- C. Traffic: Conduct demolition operations and the removal of debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities. Do not close or obstruct streets, walks, or other occupied facilities without permission from Owner.
- D. Protection: Ensure the safe passage of persons around the area of demolition. Conduct operations to prevent damage to adjacent buildings, structures, other facilities, and injury to persons. See Special Provisions for additional information regarding building access.
- E. Damage: Promptly repair damages caused to adjacent facilities by demolition operations at no cost to Owner.

Concrete Removal

Existing underground structures, trash, debris, loose fill, tree roots, organic surficial soil, and

other rubbish shall be removed or otherwise disposed of properly and finished appearance, free from debris.

Depressions left from any removals shall be properly filled and compacted in accordance with these Technical Specifications, and as directed by the Engineer.

Where loose, uncompacted fill occurs at the surface of the site, the materials shall be excavated to expose firm natural ground or previously compacted fill. The exposed surface shall then be prepared to receive fill in accordance with the applicable portions of these Technical Specifications.

Restroom Demolition

A. Pollution Controls:

1. Use water sprinkling, temporary enclosures, and other suitable methods to limit the amount of dust and dirt rising and scattering in the air to the lowest practical level.
2. Comply with governing regulations pertaining to environmental protection. Do not use water when it may create hazardous or objectionable conditions such as flooding.
3. Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations, as directed by the Owner or governing authorities.

B. Existing Catch Basins: Those shown to remain, shall be adjusted to final finish surfaces.

C. Damage: Return adjacent areas to condition existing prior to the start of the work.

D. Sawcutting: All existing asphalt and site concrete to interface with new planting or paving areas shall be sawcut.

E. Removal of Existing Conditions: Remove above and below grade pavements, curbing and other existing conditions necessary to permit new construction and other work as indicated on the Plans. Removal of underground pipe or conduit interfering with construction is included under this Section.

Waste materials are defined as all materials generated by demolition or excavation that are not identified for salvage or re-use by the Owner. Waste materials shall be disposed of legally off-site.

PART 4 - MEASUREMENTS AND PAYMENTS

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

SECTION 104 – EARTHWORK AND GRADING

PART 1 - GENERAL

This section covers earthwork, including preparation of subgrades, construction of fills and embankments, surfacing and grading, disposal of excess materials, all necessary sheeting, shoring, and bracing work, and other appurtenant work, complete.

PART 2 – MATERIALS - NONE**PART 3 – CONSTRUCTION****1. Stabilization**

Where the undisturbed condition of natural soils is inadequate for support of the planned construction, the Engineer will direct the contractor to over excavate to adequate supporting soils. The excavated space shall be filled to the specified elevation with stabilization material wrapped with filter fabric. Place stabilization material in maximum 8-inch loose layers and compact to a minimum of 95 percent relative compaction.

2. Surplus Material

Unless otherwise specified, surplus excavated material shall be disposed of off-site in accordance with applicable ordinances, environmental requirements, and in accordance with CalTrans Standard Specification Section 7-1.13.

3. Hauling

When hauling is done over highways or city streets, the loads shall be trimmed and the vehicle shelf areas shall be cleaned after each loading. The loads shall be watered after trimming to eliminate dust.

4. Erosion Control

The Contractor shall maintain earthwork surfaces true and smooth and protected from erosion. Where erosion occurs, the Contractor shall provide fill or shall excavate as necessary to return earthwork surfaces to the grade and finish specified.

5. Control of Water

When water is encountered, the Contractor shall furnish, install, maintain and operate all necessary machinery, appliances and equipment to keep the excavation reasonably free from water until the placing of the bedding material, laying and jointing of pipe and fittings, pouring of concrete, and placing of the initial backfill has been completed, inspected and approved, and all danger of flotation and other damage is removed. Ground water pumped from the trench shall be disposed of in such a manner as to not cause injury to public or private property or constitute a nuisance or menace to the public, and the disposal method shall be subject to the approval of the Engineer.

Surface water shall be diverted or otherwise prevented from entering excavations to the greatest extent possible without causing damage to adjacent property.

The Contractor shall be responsible for the condition of any pipe or conduit which he may use for drainage purposes, and all such pipe or conduit shall be left clean and free of sediment.

6. Finish Grading

Finished surfaces shall be smooth, compacted and free from irregularities. The degree of finish shall be that normally obtainable with a blade-grader.

Finished grade shall be as specified in the Drawings plus or minus 0.10 foot except where a local change in elevation is required to match sidewalks, curbs, manholes and catch basins, or to ensure proper drainage. Allowance for topsoil and grass cover, and subbase and pavement thickness shall be made so that the specified thickness of topsoil or pavement can be applied to attain the finished grade.

When the work is an intermediate stage of completion, the lines and grades shall be as specified plus or minus 0.5 foot to provide adequate drainage.

If the soil is to be cultivated or straw is to be incorporated into the surface, rocks larger than 2-1/2 inches in maximum dimension, roots and other debris on the surface of the slope shall be removed and disposed of prior to cultivation or placement of straw.

7. Classification of Excavated Materials

No classification of excavated materials will be made. Excavation and trenching work shall include the removal and subsequent handling of all materials excavated or otherwise removed in performance of the work, regardless of the type, character, composition, or condition thereof.

COMPACTION TESTING

The Contractor shall make all necessary excavations for compaction tests. Costs of excavation, backfilling, and compacting in connection with compaction testing shall be borne by the Contractor. Testing will be paid for by the Owner.

Field tests of compacted density will be in accordance with CalTrans 216 (sand cone) or 231 (nuclear gage) at the Engineer's option.

PART 4 - MEASUREMENTS AND PAYMENTS

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

SECTION 105 – PREFABRICATED RESTROOM (CITY FURNISHED)

PART 1 – GENERAL

This section covers the installation of the prefabricated restroom. The Exeloo Prefabricated Restroom has been ordered by the City of Morgan Hill. Contractor shall make all necessary coordination and installation to complete the project, including but not limited to: grading, subgrade prep, footing, base, water, sewer, and electrical connections and any other necessary installation to complete the prefabricated restroom to receive building final inspection.

PART 2 – MATERIALS

Portland Cement Concrete shall be minor concrete conforming to the requirements of Section 90 "Concrete" of the City Standard Specifications with at least 505 pounds of cementitious material per cubic yard and 1-inch maximum graded coarse aggregate. No bagged mix is permitted. 3000 psi minimum cement mix will be required for footing.

Sand

- When tested in accordance with Section 6 of State Standard Specifications, the material shall be of such size that the percentage composition by weight, as determined by laboratory sieves, will conform to the following gradation:

Sieve Size	Percent Passing
1 inch	100
3/4 inch	90-100
No. 4	35-60
No. 30	10-30

No. 200	2-9
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- The material shall also conform to the following quality requirements:

Tests	California Test Method No.	Requirements (Min.)
Resistance (R-value)	301	78
Sand Equivalent	217	22

Aggregate Base Course

- Class 2, 3/4-inch maximum aggregate size free from vegetable matter and other deleterious substances, and of such nature that aggregate can be compacted readily under watering and rolling to form a firm, stable base.
- Materials derived from processing demolished or removed asphalt concrete are not acceptable.
- Coarse aggregate material retained in Number 4 sieve shall consist of material of which at least 25 percent by weight shall be crushed particles when tested in accordance with California Test 205.
- Aggregate shall not be treated with lime, cement, or other chemical material before the Durability Index test is performed.
- Aggregate grading and sand equivalent tests shall be performed to represent not more than 500 cubic yards or one day's production of material, whichever is smaller.
- Grade within the limits and conform to quality requirements as follows when tested in accordance with California Test 202:

Sieve Sizes (Square Openings)	Percent by Weight Passing Sieve
1 inch	100
3/4 inch	90-100
Number 4	35-60
Number 30	10-30

Number 200	2-9
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Quality Requirements		
Description	California Test	Minimum Test Result
Resistance (R Value)	301	78
Sand Equivalent	217	22
Durability Index	229	35

PART 3 – CONSTRUCTION

Prior to the delivery of the Exeloo Prefabricated Restroom Unit, the contractor shall make all necessary preparation prior to the delivery of the restroom unit.

1. The subgrade (below the aggregate base) should be scarified to a minimum depth of 12 inches, moisture conditioned to at least 3 percent above optimum moisture content and recompacted to at least 90 percent relative compaction.
2. The bottom of the footing elevation should be compacted with a jumping jack compactor with at least 4 passes at meet a minimum of 90 percent relative compaction.
3. The slab shall be underlain by 2" of sand compacted with a vibratory plate over a minimum 4 inches of Class 2 base compacted to at least 95 percent compaction.
4. Note on plans for required footing width, depth, and rebar. Concrete shall be 3000 psi in 28 days with a minimum of 7 days of cure time prior to placing the Exeloo Unit into position.

Once the Exeloo Prefabrication Unit is installed, the contractor will be responsible for any necessary connections (water, sewer, electrical) and provide any/all necessary installation to fully complete the installation of the restroom. Contact Alex Carter for any additional information (sales.usa@exeloo.com).

PART 4 – MEASUREMENT

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

SECTION 106 – CONCRETE FLATWORK

PART 1 - GENERAL

This work includes removing existing concrete and constructing Portland Cement Concrete (PCC) Flatwork. Comply with Section 105, "Concrete Improvements," of the Caltrans Standard Specifications.

PART 2 - MATERIALS

Portland Cement Concrete shall be minor concrete conforming to the requirements of Section 90 "Concrete" of the City Standard Specifications with at least 505 pounds of cementitious material per cubic yard and 1-inch maximum graded coarse aggregate. No bagged mix is permitted.

PART 3 - CONSTRUCTION

Excavate, grade, prepare the subbase, and install four-inches (4") of new Class 2 Aggregate

Base (AB) under all concrete flatwork. The AB shall be included in the unit bid prices for the concrete flatwork.

Connect new sidewalks to the existing sidewalk with reinforcement and dowels are required, and as directed by the Engineer.

Use neat saw-cuts wherever concrete need to be removed. Protect all such materials, where applicable, and replace in kind or better any such material(s) that is damaged during construction at the expense of the Contractor.

Construct the new flatwork to a uniform grade and alignment. The concrete flatwork must not be jagged or uneven. In no case will standing water be allowed in the new concrete flatwork.

Where an existing weakened plane joint, score mark, or expansion joint is within two feet (2') of the boundary of the proposed concrete flatwork, removal limit will be at the existing weakened plane joint, score mark, or expansion joint. Precise removal limit will be as directed by the Engineer in the field. Saw-cut and remove through the full depth of the concrete without damaging to the remaining concrete.

PART 4 - MEASUREMENTS AND PAYMENTS

Removal of existing concrete is included in Section 100, under Bid Item for Existing Restroom Demolition and Concrete Flatwork.

Concrete Flatwork is included in Section 100, under Bid Item for Concrete Flatwork.

SECTION 107 – DRINKING FOUNTAIN

PART 1 – GENERAL

This section covers the installation of the drinking fountain. Drinking fountain shall be Most Dependable 10145 SMSS with pet fountain or approved equal. Contractor shall make all necessary coordination and installation to complete the project, including but not limited to: grading, subgrade prep, water connection, sewer connection with p-trap and any other necessary installation to complete the drinking fountain to receive a final building permit approval.

PART 2 – MATERIALS

The drinking fountain shall be Most Dependable 10145 SMSS with pet fountain or approved equal. Contact Angela Horne angela@mostdependable.com, 901-867-0039

PART 3 – CONSTRUCTION

The contractor will be responsible for any necessary connections (water, sewer, p-trap) and provide any/all necessary installation to fully complete the installation of the drinking fountain. Contact Angela Horne angela@mostdependable.com, 901-867-0039

PART 4 – MEASUREMENT

Included in Section 100, "Measurements and Payments" of these Technical Specifications.

Appendix C

QUOTE DETAIL



PROPOSED EXELOO JUPITER FULLY AUTO TWIN CUBICLE RESTROOM

FOR: GALVAN PARK, MORGAN HILL

18-Oct-22

1	Exeloo Jupiter Platinum Twin Toilet JUP22DD	\$185,000	\$185,000
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Selected Optional Items

1	Baby Change Recessed Stainless Steel	\$2,500	\$2,500
2	Disposal Chute - Large	\$1,400	\$2,800
1	Remote Monitoring - SIM Acces (2 years)	\$8,560	\$8,560
1	HCD Plan Use Fee	\$2,000	\$2,000

UNIT TOTAL	\$200,860
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Delivery

1	Delivery Estimate Including Cranage	\$11,500
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DELIVERED TOTAL	\$212,360
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Tax 9.125%	\$19,377.85
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DELIVERED TOTAL incl Tax	\$231,738
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Optional Items

1	Mural Prep	\$0
1	Photo Film Overlay - Multi Unit	\$14,500

Inclusions | Exeloo Responsibility

Toilet Unit	Exeloo Jupiter Platinum Twin Toilet JUP22DD
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Structural design and engineering of toilet

Building consent information pack

Design and associated drawings

Exclusions | Customer Responsibility

Building consents costs

Site plan

Foundations

Installation of toilet unit and roof

Supply and installation of power, water, sewerage and stormwater facilities

Delay or disruption from industrial action beyond the reasonable control of Exeloo

Delivery

Delivery to site or depot including crantage

Construction

Floor	Reinforced concrete
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Frame	DuraGal steel frame
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Roof	Skillion - Structural Insulated Panels (SIP) 3" foam core roof
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Exterior Walls	Compressed fiber cement sheet with epoxy paint
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Control Level

Control System	Full electronic command with Programmable Logic Controller (PLC)
Touch Screen Controller	Touch screen controller interface located in the service bay to access unit statistics, diagnostics and program settings
Usage Statistics	Touch screen access to enhanced usage, servicing and cubicle opening statistics as well as system diagnostics for improved asset management and control
Automated Flush	Toilet pan automatically flushes after use
Electric Buttons	Illuminated buttons for electric sliding door operation
Door Locking	Electric locking with illuminated electric buttons
Auto-wash	5-stage automatic cubicle wash and refresh system
Night Time Locking on Time Lock	Adjustable lock up and unlock function to manage opening and closing times
Timed Occupation	Programmable use time control to reduce loitering and vandalism
Loiter Alarm	Pre-programed voice messages to deter vagrancy and extended occupation
Voice Messages	Pre-programmed voice messages to explain unit operation and to guide sight impaired users
Music / Announcements	USB enabled music option to improve user experience and option to include public announcements

Fit Out Level

Interior Floors	Ceramic slip resistant tiles - Charcoal
Interior Walls	Decorative Stainless
Door System	Electric operation of sliding door - Stainless Steel
Door Closer	Electric sliding door closer
Door Locking	Electric locking with automatic doors and illuminated electric buttons
Emergency Button	Internal emergency door release button in each cubicle - standard on all Exeloo electric door models
Interior Ceiling	Underside of roof

Ventilation	Louvered air gap around top of unit
Flush System	Flush valve actuated automatically after each use
Interior Lighting	Surface mounted Light Emitting Diode (LED) lighting
Exterior Lighting	Surface mounted Light Emitting Diode (LED) lighting
Basin	Recessed 3 in 1 Integrated Sensor Operated Basin
Soap Dispenser	Incorporated in the recessed 3 in 1 integrated sensor operated basin
Hand Dryer	Incorporated in the recessed 3 in 1 integrated sensor operated basin
Paper Dispenser	Recessed Electric and Manual Twin Jumbo Paper Dispenser
Toilet Pan	Stainless steel wall hung toilet pan with molded hinged seat
Signage	Compliant signage including braille

Selected Optional Items

Baby Change Recessed	Recessed to retain circulation space with durable stainless steel case. Straps to keep infants safe
Nappy / Sanitary Disposal	Discrete Recessed stainless chute into a fire retardant bin. XL size to cope with adult diapers and baby nappies.
Remote Monitoring	Use remote web-based monitoring to receive summary usage data and control some operational aspects of the restroom facility. Receive summarised statistical data on usage, queuing and service frequency and intervals. (24 Months of access)
Engineers Certification	Requested for consent and code compliance regulations

Clarifications

Validity	This pricing is an estimate
Optional Items	Options on the itemized price sheet are excluded from the project total. These are to be added to the project total if selected.
Color Scheme Exterior	Exterior paint coating is Carbothane two pack, which is graffiti resistant. Colors to be chosen from an approved color chart.

Color Scheme Roof	The standard roof color is white (Titania). Alternative colors can be selected from an approved color chart. Contact Exeloo for available colors.
Color Interior	White walls and charcoal floors
Power Requirements	60 amp single phase, two leg supply . Termination points are supplied and located inside the service bay.
Water Requirements	Heavy duty flush valves are fitted as standard. Key features and information below:
IMPORTANT Water Consumption	<p>Flush consumption is the same as a conventional cistern however, water is not stored in a reservoir so it will need to draw significant water in a short period.</p> <p>Water supply at the connection point must have a minimum flow rate of 25 gallons per minute / per pan and a minimum dynamic pressure of 40psi.</p> <p>A 1" water meter coupled to a 1-1/4" ID (1-1/2" OD) supply from the meter to the Exeloo unit is usually sufficient but this should be confirmed on-site. Meter size and pipe diameter will need to be increased for multiple buildings. Exeloo cannot accept responsibility for loss or damage associated with inadequate water supply.</p> <p>Flush valves can be damaged by water pressure above 500kPa and so a pressure limiter is included on the water supply line.</p> <p>Where a Reduced Pressure Zone (RPZ) valve is required on the main supply feed there may be a negative impact on the flow rate. As a result a larger meter and supply pipe might be required.</p> <p>If adequate flow rate and pressure cannot be achieved Exeloo can provide a cistern system. Contact Exeloo to discuss supply.</p>
Sewer Outlet	<p>A standard 4" sewer connection socket is located in the service bay.</p> <p>CAUTION: The unit must be sited on its foundations before connection is made to the sewer outlet.</p>
Floor Drains	A 2-1/2" NPT socket floor waste drain is incorporated into the floor of each cubicle. Each floor drain will require a gully. One of the floor wastes should be connected to the Overflow Relief Gully (ORG).
Stormwater Outlet	The 3-1/2" stormwater pipe supplied in the service bay must be connected to the stormwater system through the services hole located in the floor of the service bay.

Foundations	Foundation structure is two strip-type concrete foundations (18"x30"x7'6"). Refer to the Exeloo installation guide for details of the required strip foundation configuration.
Remote Monitoring Capability	<p>This quotation covers the hardware necessary to enable web based remote monitoring</p> <p>A broadband connection is required to ensure stable internet access</p> <p>This quotation includes 24 months of access to the ExeWeb control website. After 24 months a monthly monitoring access fee will be charged to access site information on the ExeWeb control website .</p> <p>A monthly monitoring access fee will be charged to access site information on the ExeWeb control website. \$44/month per cubicle (Subject to change)</p>
Storage	Exeloo will store units free of charge for up to 14 days from date of arrival. After 14 days any costs of storage and insurance will be charged. Please contact Exeloo to make alternative storage arrangements if longer term storage is required.
Insurance	Exeloo provides for up to 14 days static insurance cover. If longer storage is needed the customer must insure stored units after 14 days from date of arrival.
Construction Period	Normal ex-factory lead times are within 24 weeks of a purchase order being accepted.

Payment Terms

Exeloo Corporation	<p>30% of total order value on receipt of purchase order. 60% of total order value payable on ex-factory date plus all taxes for the total value of the order. 10% payable on restroom delivery or, if held in storage for 14 days, either by Exeloo or, the Customer as a result of delays by others.</p> <p>Storage fees and craneage surcharges may apply for periods exceeding agreed delivery schedule</p>
Storage Insurance	Care of purchaser
Tax	This quotation includes provision for the prevailing tax at time of quotation in the prescribed jurisdiction. Changes to tax conditions are the responsibility of the purchaser

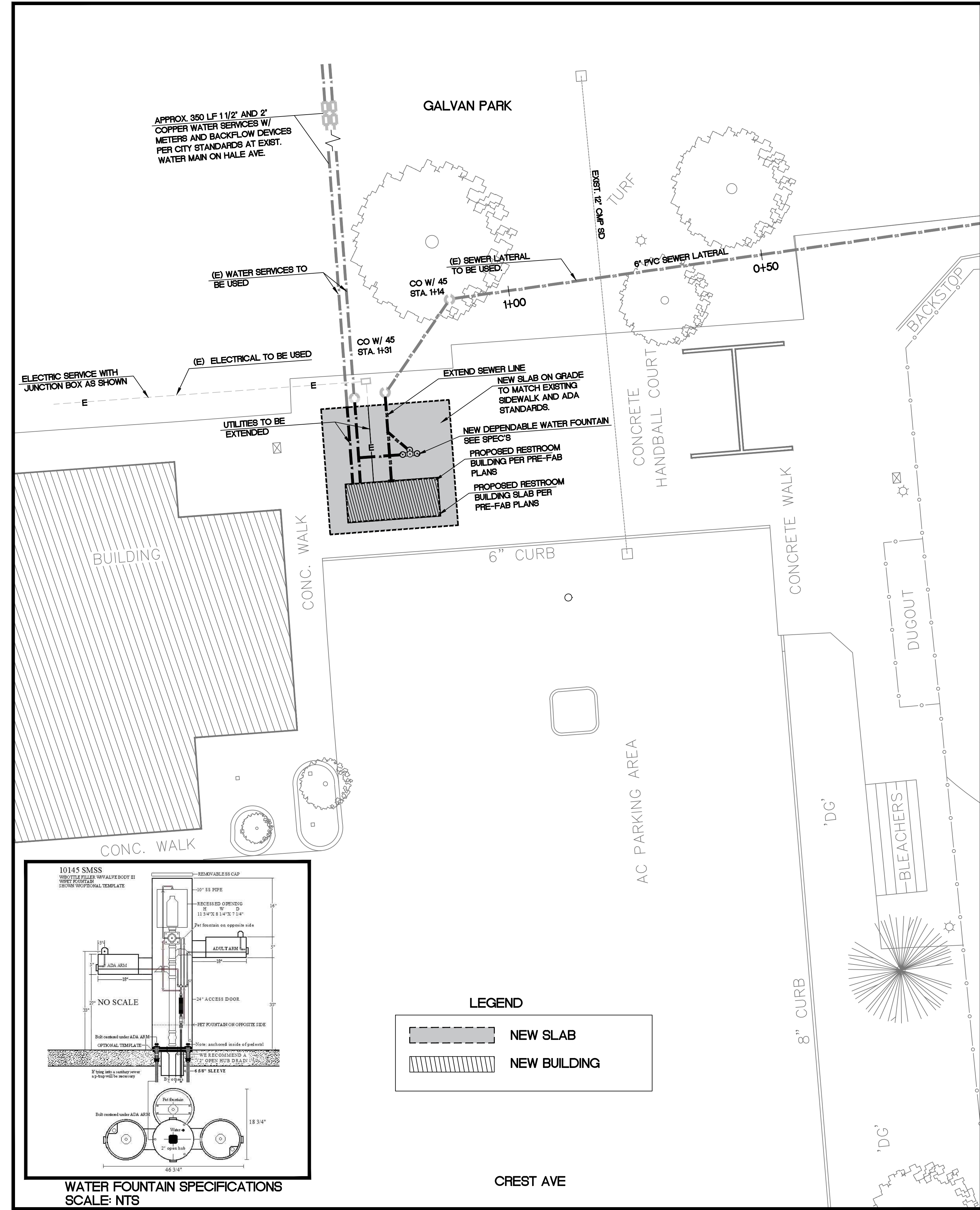
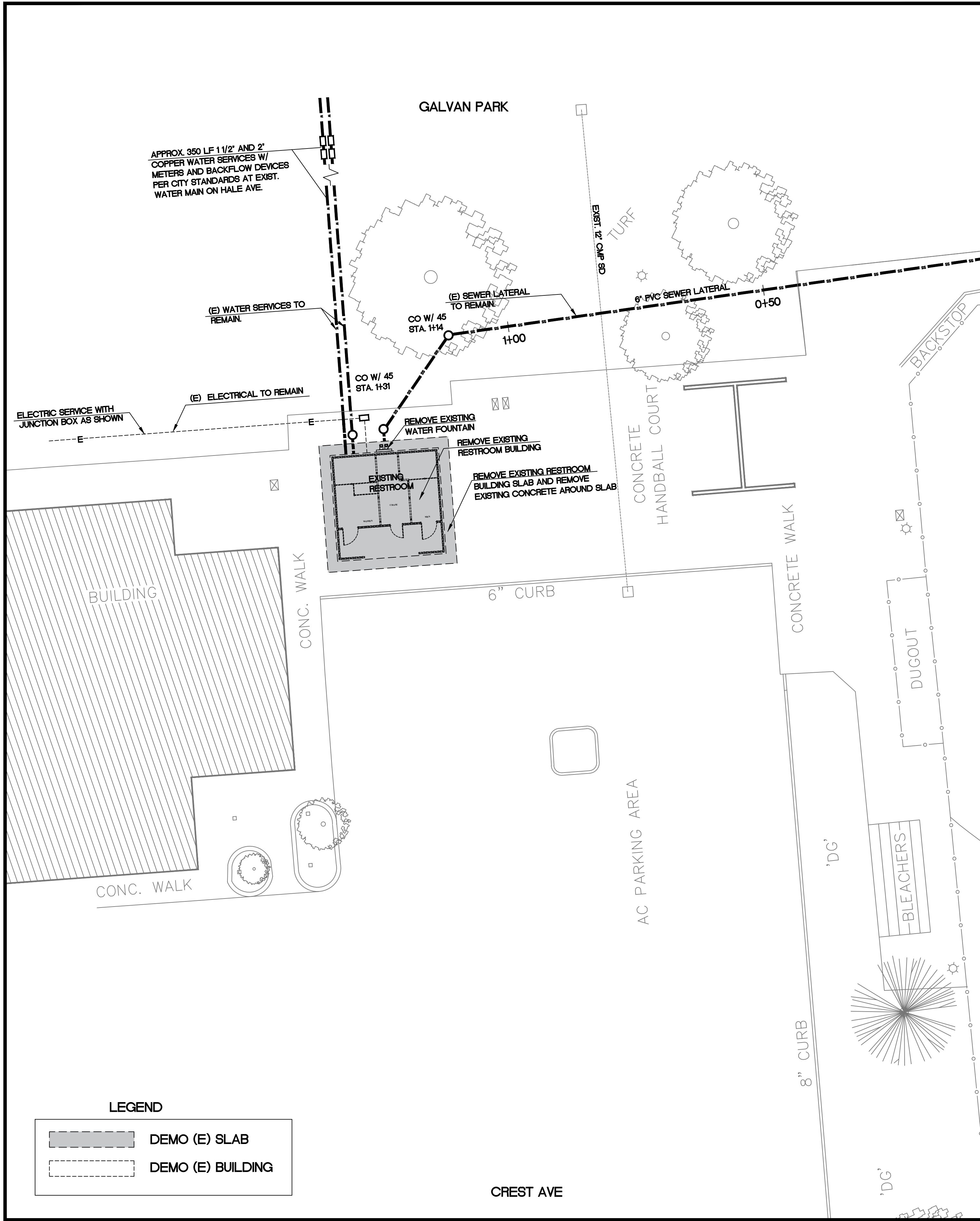
Company Details

Exeloo Corporation


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				WORK ACCEPTED:	INSPECTOR:	DRAWN:	AEV	DESIGN:	YC	HOR:	N/A
				BY:	DATE:	CHECKED:	YC	DATE:	11/2/22	VERT:	N/A
				APPROVED:	DATE:	SCOTT C. CREER, CITY ENGINEER	PE 56879 EXP. 6/30/23				
PATH				Revisions							

 **City of Morgan Hill**
ENGINEERING AND UTILITIES
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SITE PLAN
GALVAN PARK RESTROOM REPLACEMENT PROJECT

FILE NUMBER:
PRINT DATE:
10/11/2022
SHEET NUMBER:
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