



December 12, 2025

Below is the Berthoud Arboretum Add / Deduction Alternative Descriptions, the construction documents referenced are the December 12, 2025 100% Construction / Bid Documents – NOT FOR CONSTRUCTION.

Add Alternative #1 – Irrigation Diversion

Sheets:

L1.18

L2.17

IR 3.5

E0.0

E1.4

E7.1

E7.2

- Excavation and regrading of ditch bottom to allow for construction of bottom slab sloped at 2% from ditch bottom up to wing wall.
- Centerline of ditch may need to be adjusted to allow for bottom slab installation.
- Concrete retaining wall and wing wall max grade difference approximately 6.5' for retaining height.
- Contractor to restore disturbed area to pre-disturbance conditions outside of structure, native seeding and erosion control
- Irrigation turnout, wet well, and pump.
- Boring and irrigation and electrical connections beneath Buynan Ave.
- New 480V/277V, 3-Phase service feeding precision pump system (PPS-1).
 - 250A Panel 'HIR', 480/277, 3-Phase panel feeding PPS-1 and 208/120V, 3-phase, Panel 'LIR'
 - 9 KVA 480 to 208Y/120V transformer to serve Panel 'LIR'
 - Cold sequence Disconnect switch and Meter base
- Step-down 208/120V, 3-Phase transformer to feed code required convenience outlet near PPS-1.
- Electrical Equipment mounted on Unistrut system.

Add / Deduction Alternative #2 Trails

Sheets:

L5.0

- Concrete and crusher fines trail width and cross section design. Square footage information to be provided with the 100% Construction / Bid Documents - FOR CONSTRUCTION Submittal.
 1. Base bid: xxxx sf
 - 10'-0" wide pedestrian concrete trail, 4" concrete, 8" abc
 1. Deduct alt: xxxx sf
 - 6'-0" wide pedestrian concrete trail, 4" concrete, 8" abc



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2. Base bid: xxxx sf
8'-0" wide pedestrian concrete trail, 4" concrete, 8" abc
2. Add alt: xxxx sf
6'-0" wide vehicular concrete trail, 6" concrete, 8" abc

- 3.. Base bid: xxxx sf
8'-0" wide pedestrian concrete trail, 4" concrete, 8" abc
3. Deduct alt: xxxx sf
6'-0" wide pedestrian concrete trail, 4" concrete, 8" abc

4. Base bid: xxxx sf
5'-0" wide pedestrian concrete trail, 4" concrete, 8" abc
4. Add alt: xxxx sf
6'wide pedcestrian concrete trail, 4" concrete, 8" abc

5. Base bid: xxxx sf
4'-0" wide pedestrian concrete trail, 4" concrete, 8" abc
5. Add alt: xxxx sf
6'wide pedcestrian concrete trail, 4" concrete, 8" abc

6. Base bid: xxxxx sf
8'-0" wide crusher fines trail
6. Deduct alt: xxxxx sf
3'-0" wide crusher fines trail

7. Base bid: xxxxx sf
6'-0" wide crusher fines trail
7. Deduct alt: xxxxx sf
3'-0" wide crusher fines trail

8. Base bid: xxxxx sf
6'-0" wide crusher fines trail
8. Add alt: xxxxx sf
6'-0" wide pedestrian concrete trail, 4" concrete, 8" abc



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Add / Deduction Alternative #3 Pond Liner

Sheets:

L1.12

- Us the pond liner proposed along Waggener Creek for the pond up to 1'-0" vertically above the pond WSE.