

LOCATION MAP

# N. Sunquist Shallow Aquifer Recharge Project Walla Walla Basin Watershed Council

## INDEX OF DRAWINGS

SHEET NO.	TITLE
1	Cover Sheet & Location Map
2	Plan View
3	Excavation Detail
4	Weir Structure Detail
5	Control Structure Detail

### GENERAL NOTES

1. The attached Material and Installation Specifications are part of this plan and shall govern the installation of this project.
2. This installation shall be constructed to the lines and grades as shown on the drawings and detailed in the construction specifications.
3. Construction activities shall be performed in a manner that minimizes soil, water, and air pollution.
4. Construction activities will be conducted in a manner consistent with all safety regulations for work activities necessary for this installation.
5. No representation is made of any utilities, public or private. Absence of utilities on these drawings does not assure that no utilities are present. If buried utilities are shown, the location and depth are approximate. The exact location and depth of any utility must be determined by the utility company prior to any excavation.
6. Contractor is responsible for acquiring and complying with all permits.

### UTILITIES

Oregon State Law requires Owners and Operators to notify utilities two business days before construction begins to have underground utilities located. To comply with the law call the Utilities Underground Location Center at: 1-800-332-2344

### Review and Acceptance

I have reviewed the Drawings and Construction specifications provided and find them to be acceptable for installation. I also acknowledge that any modifications shall be approved by the Engineer prior to installation. I also acknowledge that I have received a copy of this plan.

Owner

Date

Cover Sheet

--For Construction--

Lance Horning  
Engineering

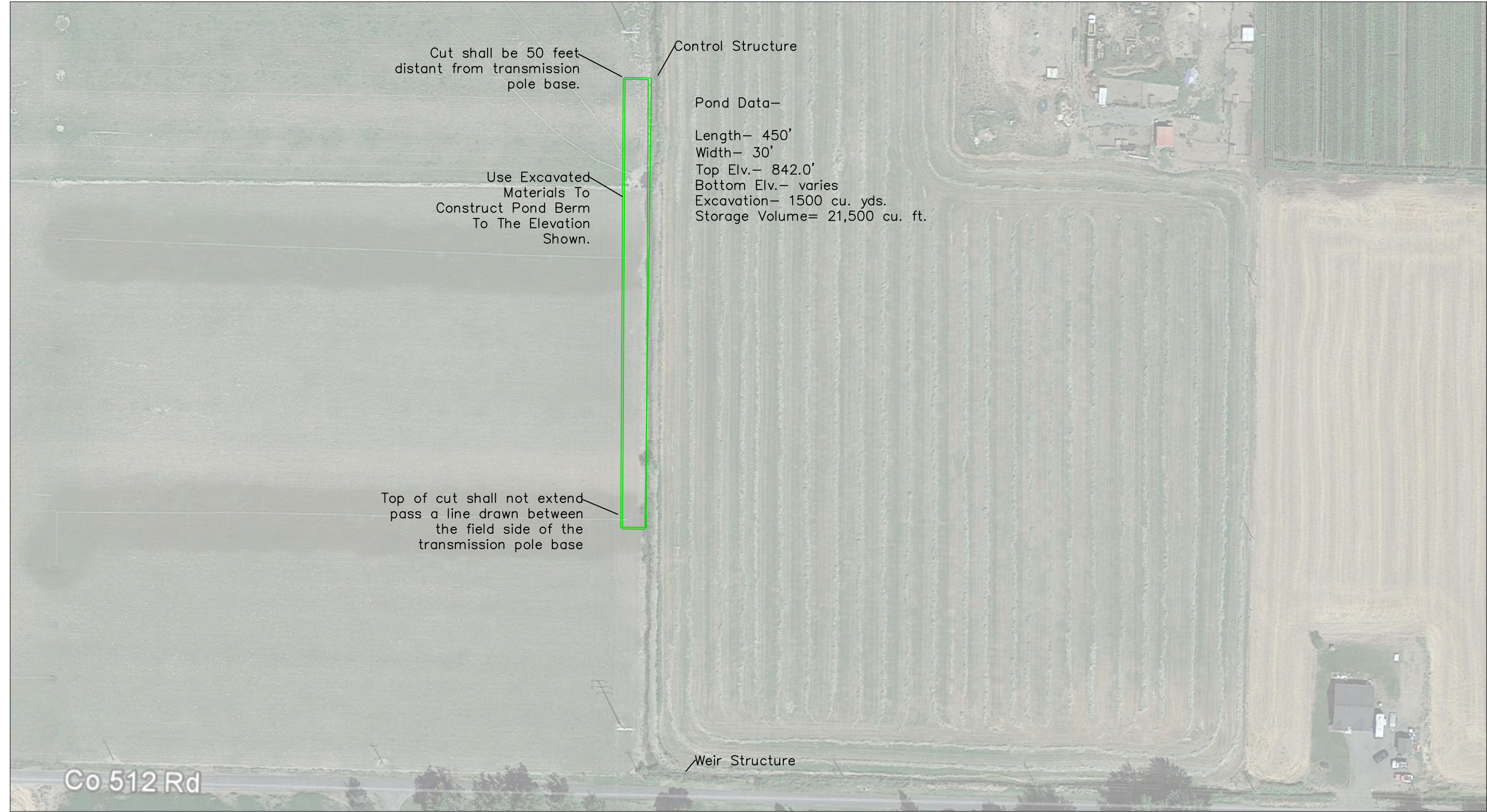
DESIGNED BY: LH  
 DRAWN BY: LH  
 CHECKED BY:  
 APPROVED BY: LH  
 REVISED BY:  
 SCALE: NTS  
 DATE: 9/18/18  
 REVISED DATE:

N. Sunquist Shallow Aquifer Recharge Project  
 Walla Walla Basin Watershed Council  
 Milton Freewater, OR

SIGNATURE: \_\_\_\_\_

SHEET: 1  
 SHEET NO. 1 OF 5





Plan View

--For Construction--

Lance Horning  
Engineering

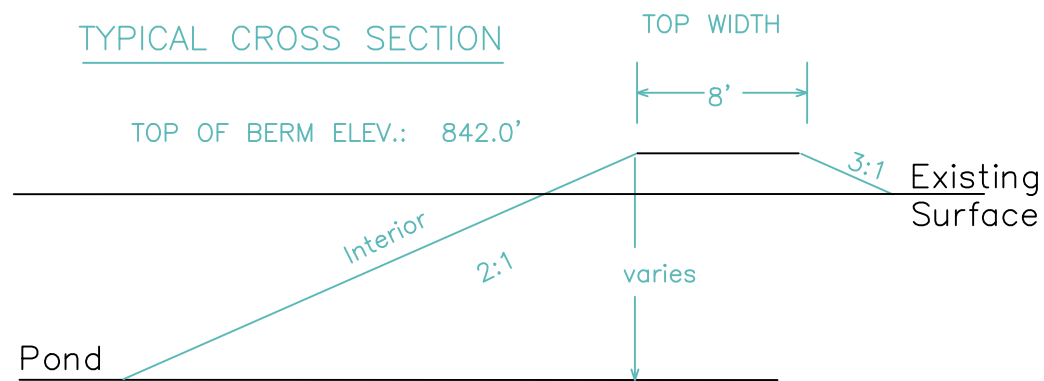
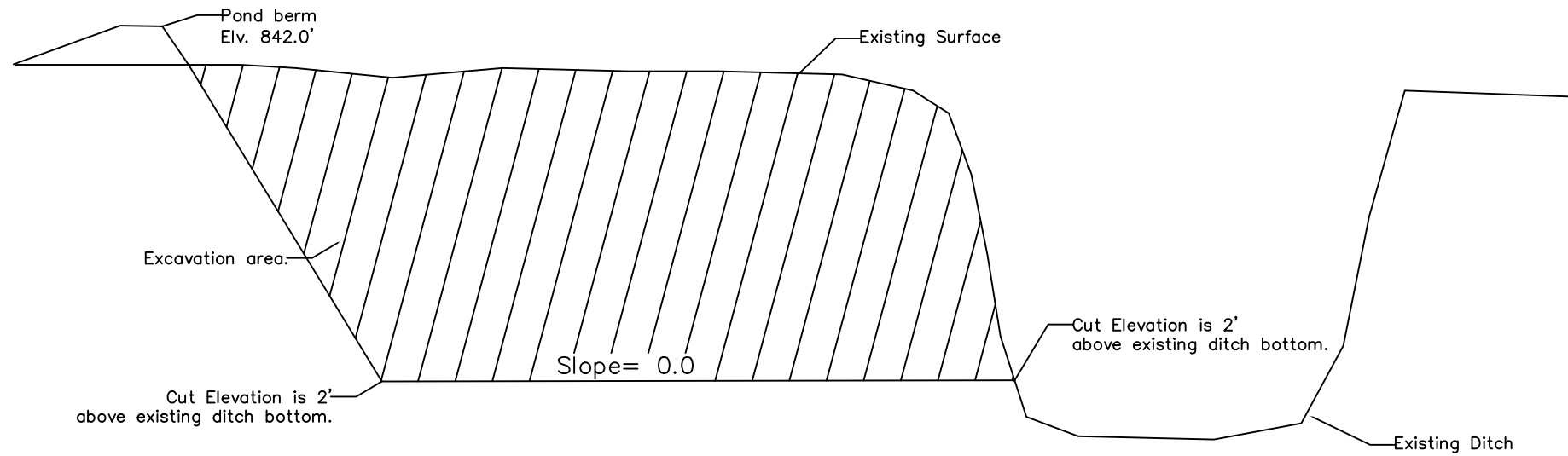
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REVISED BY: \_\_\_\_\_  
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SHEET: 2  
SHEET NO. 2 OF 5





Pond Embankment

Notes-

- 1) Organic materials shall not be used in the berm.
- 2) Berm shall be compacted in 6" lifts to 95% Proctor.
- 3) Contractor responsible to add water as required for compaction.

Excavation Detail

--For Construction--

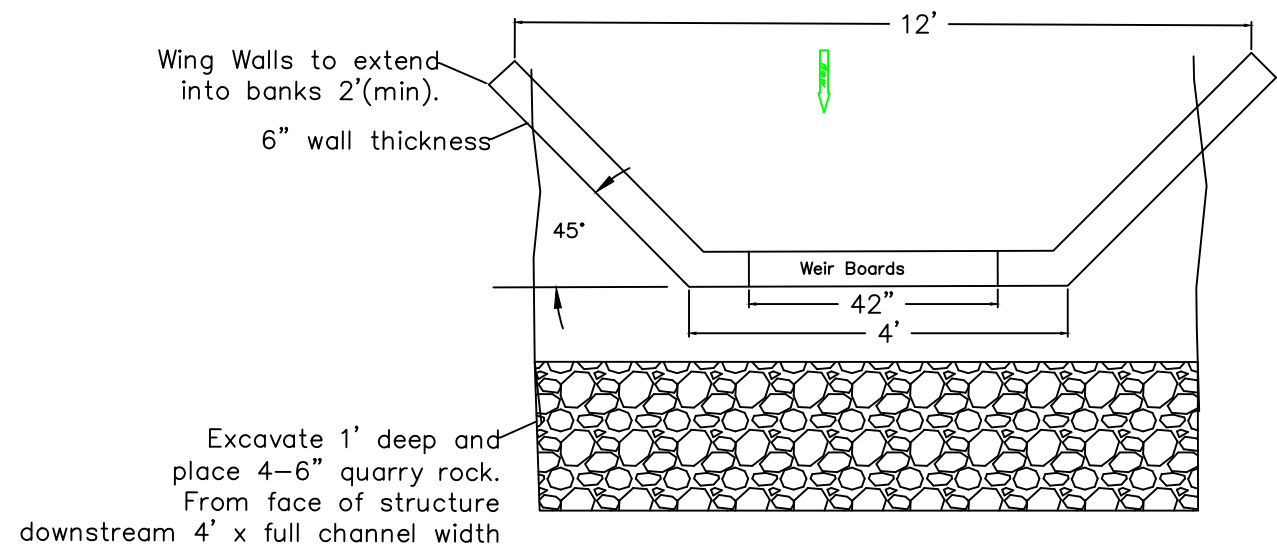
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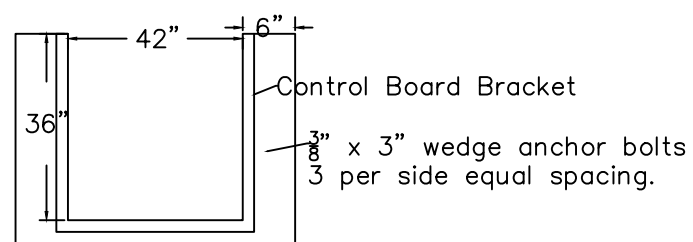
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SHEET: 3  
 SHEET NO. 3 OF 5

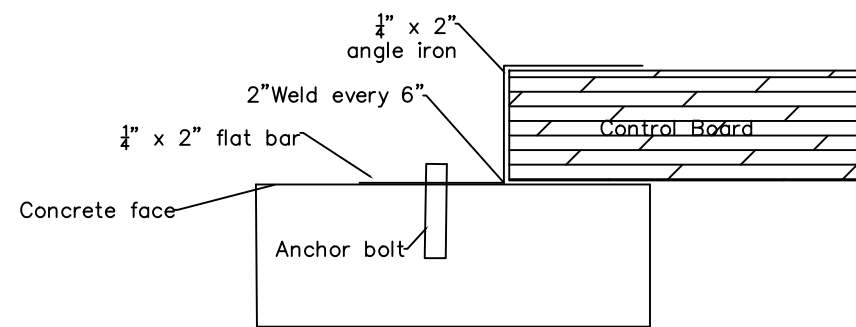


Notes—  
#4 Rebar 12" OCBW in wall.  
2- #4 Rebar continuous in footing.  
2" clearance to all surfaces.  
  
All exposed metal to be painted with 2 coats of enamel paint.

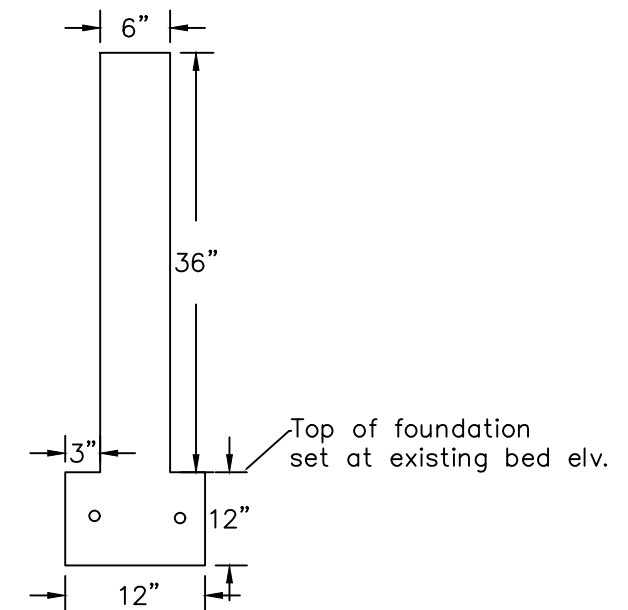
Weir Structure— Plan View



Control Board Section



Control Board Bracket



Section View

Weir Structure

--For Construction--

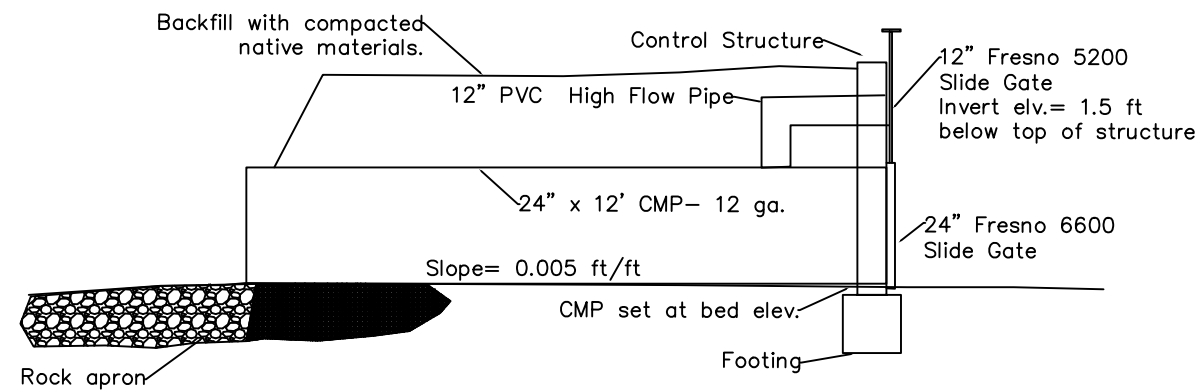
Lance Horning  
Engineering

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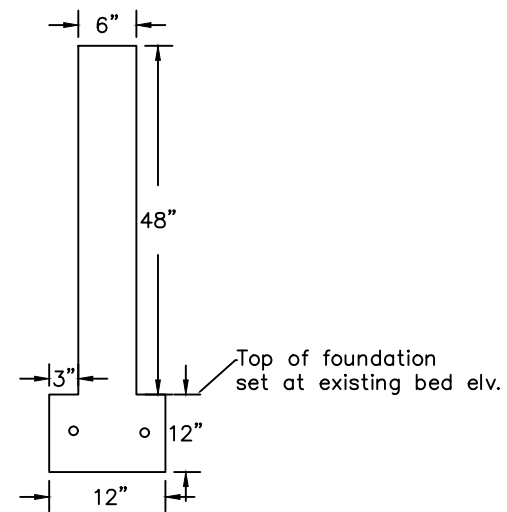
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SHEET: 4  
SHEET NO. 4 OF 5

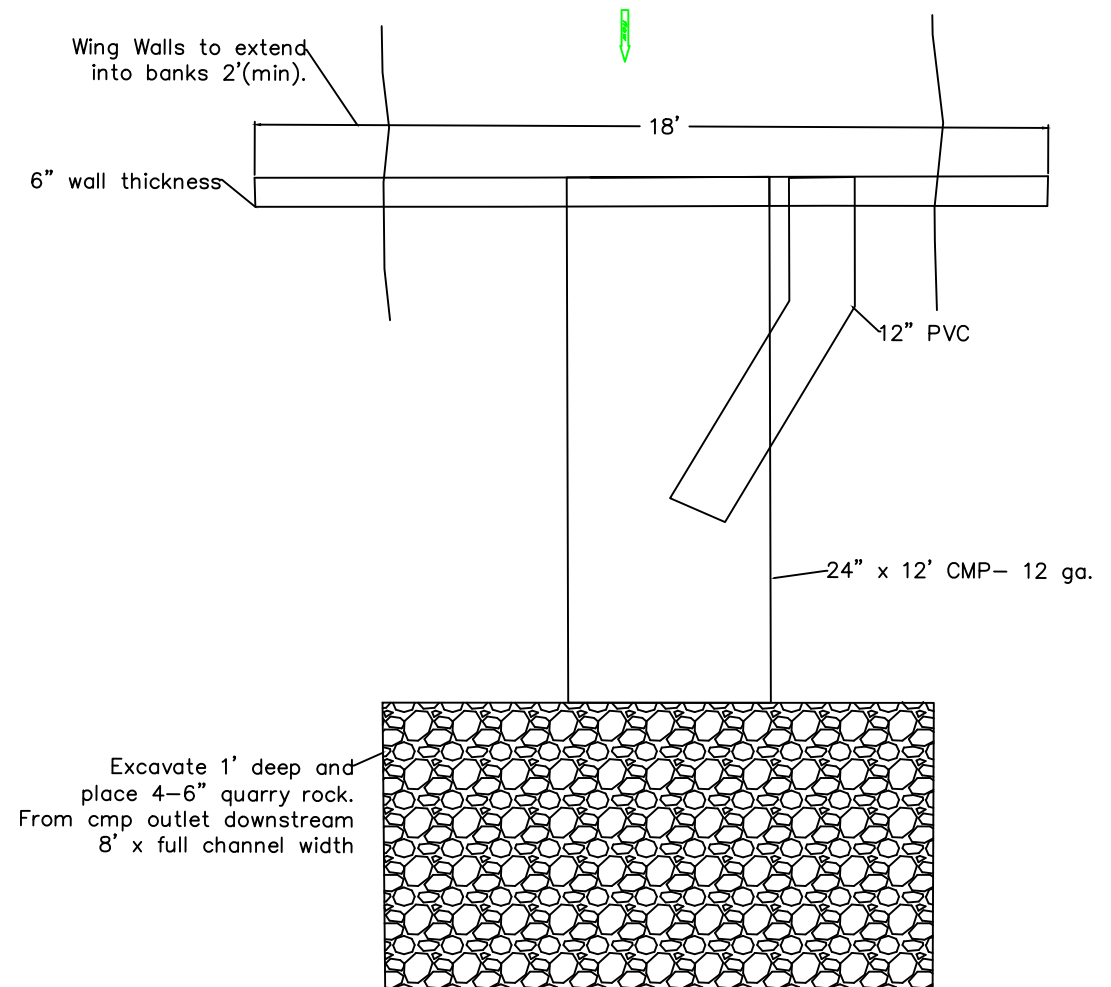


Control Structure— Side View



Control Structure—Section View

Notes—  
 #4 Rebar 12" OCBW in wall.  
 2- #4 Rebar continuous in footing.  
 2" clearance to all surfaces.



Control Structure— Plan View

Control Structure

--For Construction--

Lance Horning  
Engineering

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