



## **HART PACIFIC ENGINEERING**

PO Box 3287, Friday Harbor, WA 98250 Ph. 360-378-7048  
PO Box 124, Eastsound, WA 98245 Ph. 360-376-3996

**DATE:** August 13, 2010  
**TO:** All Bid Set Plan Holders  
**RE:** "A" St. to Main Street Stormdrain Phase 1  
Addendum #1

Dear Bidders,

Attached is addendum #1 for the "A" Street to Main Street Stormdrain Improvement Phase 1 Project issued through me as an agent for the San Juan County Public Works Department. The addendum includes clarifications and changes in the plans and specifications after holding the pre-bid showing, and incorporating questions which have come up thus far in the bidding period. These changes will affect your bidding so be sure to read the addendum carefully and incorporate any adjustments needed. I have sent this notice by email and mail to each of the plan holders and posted Addendum 1 on the County website: <http://www.sanjuanco.com/publicworks/Bids-and-Specs.aspx>. We assume that you will all adjust your bids accordingly.

Please call with any questions or concerns.

Sincerely,

Gregg Bronn, P.E.

cc: Bruce Wiscomb, Orcas Excavators  
Paul Vierthaler, Island Excavating  
Mike Carlson, Mike Carlson Enterprises, Inc.  
Thomas Star, Star Surveying  
Tom Sage, Project Manager  
Ed Hale, Stormwater Utility Manager  
John Hart, HPE

Attach: Catch Basin 6 revision Detail  
Cuz Concrete details

**“A” St. to Main St. Stormdrain Improvement Phase 1  
Addendum #1**

1. Specifications, Appendix F, Stormwater Plan, pages 12, 13 and 15:  
A question was asked in the walk-through about the possibility of dewatering trenches by pumping to a vegetated area for dispersion and infiltration. This is addressed in the Stormwater Plan on the pages referenced above. The Contractor should not plan on dispersing water on the private properties. The public property where the berm is shown (Mount Property) has a wetland and associated buffer which must not be contaminated.
2. Specifications, page 9, Proposal, first sentence: For bidder information state prevailing wages apply to this project, but federal Davis Bacon wages are not required.
3. Specifications, Page 7, Bidder’s Checklist, item (a): Revise reference to Bid Proposal as pages 9 through 15.
4. Specifications, Part 5, page 11, 1-07.2 State Sales Tax:  
For clarification the San Juan County Public Works Accountant has provided this statement. “Consensus is that rule 171 applies as follows: 1-07.2(1) State Sales Tax: Work Performed on City, County, or Federally-Owned Land State Department of Revenue Rule 171 and its related rules apply for this section. The Special Provisions of the Contract will identify those parts of the project that require Work on land owned by: 1. A municipal corporation, 2. A political subdivision of the State, or 3. The United States of America. For Work performed on such land, the Contractor shall include Washington State retail sales taxes in the various unit Bid prices or other Contract amounts. These retail sales taxes shall include those the Contractor pays on purchases of materials, equipment, and supplies used or consumed in doing the Work. I would also recommend that if they still have any concerns that they should contact the DOR.” The Mount property, where the berm and CB7 are to be located, plus the 18-inch inlet pipe and trash rack to the north and approximately 8 feet of 18” outlet pipe to the south of CB7, is County owned, the other portions of the work are located within a public drainage easement.
5. Specifications, Part 5, page 23, 2-01.2 Disposal of Usable Material and Debris:  
Reference to Disposal Method No. 3 – chipping shall be deleted and replaced with Disposal Method No. 2 – Waste Site
6. Specifications, Part 5, page 9, add section 1-05.10 Guarantee:  
Added to the Standard Specification, for clarification, Contractor shall provide one year guarantee of all construction work on this project.
7. Specifications, Part 5, page 21, 1-08.9 Liquidated Damages:  
For clarification, no revisions to the Liquidated Damages section are noted for this project.

8. Specifications, Part 8, add 5 pages Cuz Concrete details attached:  
For information the Contractor is provided with the attached relevant Cuz Concrete catalog details which may apply to this project. Other equal supplier details may be provided by the Contractor for review by the Engineer.
9. Sheet C-1 of the plans, General Note 11.:  
For clarification, the County Surveyor will provide pipe alignment staking at 25' spacing.
10. Sheet C-2 of the plans, Catch Basin 2, profile:  
The invert elevation of 8.0 shall apply to the 48" pipe in from the north and for the 48" pipe out to the southwest.
11. Sheet C-2 of the plans, Catch Basin 6, profile:  
The invert elevation of 15.6 shall apply to the 18" pipe in from the north and for the 18" pipe out to the south.
12. Sheet C-2 of the plans, Note 8:  
The existing well shall not be decommissioned. Note 8 is revised as follows:  
"The Contractor is required to preserve and protect the existing well and well house." The location of Catch Basin 6 shall be moved 2.5' west of the location shown on sheet C-2 so that the offset from the construction survey staking to the center of the basin shall be 7.5' instead of 10.0'. The interior angle of the 18" pipe alignments is revised from 169 degrees to 166 degrees. See attached detail of this area for clarification of this change.
13. Sheet C-4 of the plans, Detail C:  
Revise note on outlet pipe to "Extend to Catch Basin #4, see plan sheet C-2"

ADDENDUM 1 REVISION SHEET C-2  
CATCH BASIN 6, STA. 4+17.5  
SCALE 1"=3'

SURVEY OFFSET STAKE CB6

8.

7.5' OFFSET (WAS 10.0')

EASEMENT

NEW PIPE C.L.

APPROX.  
3.4'

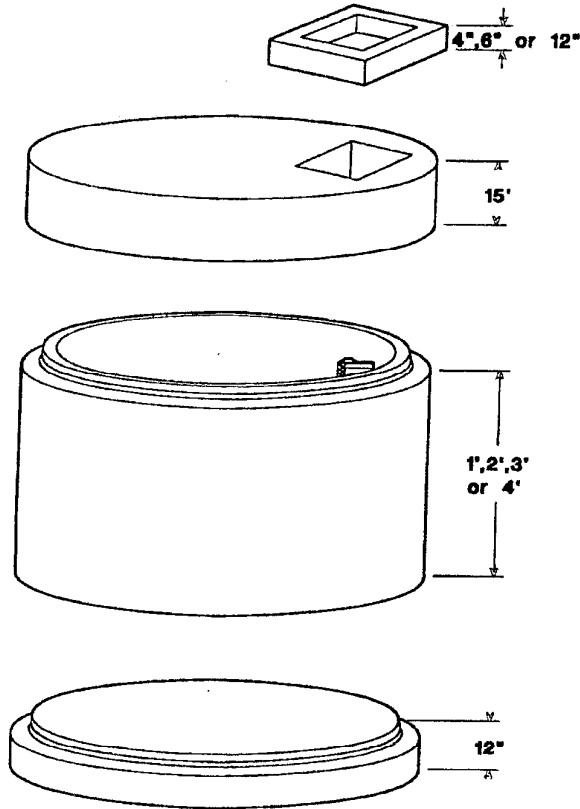
C.L. EASEMENT

YARD HYDRANT  
WELLHOUSE  
6" WELL CASING

EASEMENT

166°

P.L.



**Conforms to:**

- Washington State APWA/WSDOT (Standard Specifications)
- ASTM C478 Manholes
- ASTM C443 Rubber Gasket Joints
- ASTM C-33 and C-150 28 day compressive strength f'c = 4000 psi.

**Reinforcing**

- Top Slab: #6 deformed rebar around opening, diagonally on both sides of opening @ 6" o.c. in both directions.
- Circumferential Wall: Minimum 0.24 sq. in./linear ft.
- Base: 0.40 sq. in./linear ft. in both directions, minimum yield strength = 60,000 psi.

**Hole Dimensions**

- Standard Base: Blank
- Core Drill Base: Hole size equals pipe O.D. plus manhole wall thickness.
- Maximum hole diameter is 84"
- 12" minimum distance between holes

**Steps and Ladders**

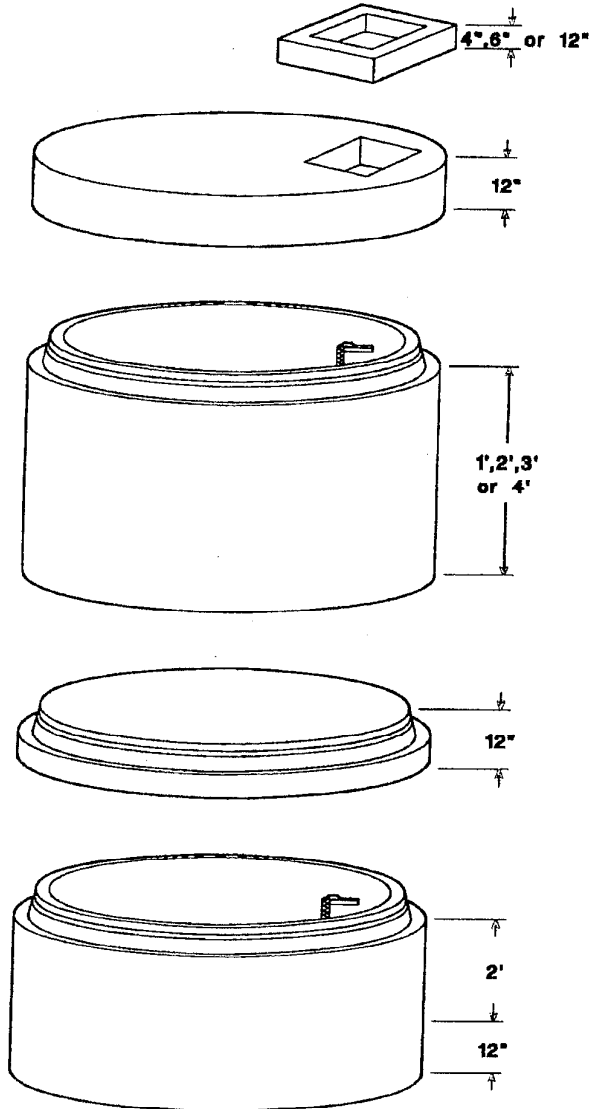
- Meet ASTM C478
- Steps placed vertically 12" o.c.
- Ladder provided with base.

**Structure Dimensions**

- Inside Diameter: 96"
- Outside Diameter: 114"
- Wall Thickness: 9"
- Base Thickness: 12"

**Weights**

- 1' x 96" Base Slab: 9750 lbs.
- 1' x 96" Section: 3090 lbs.
- 2' x 96" Section: 6180 lbs.
- 3' x 96" Section: 9270 lbs.
- 4' x 96" Section: 12360 lbs.
- 1' x 96" I.D. Flat Slab: 9300 lbs.
- 6"C.B. Riser: 240 lbs.



### Conforms to:

- Washington State APWA/WSDOT (Standard Specifications)
- ASTM C478 Manholes
- ASTM C443 Rubber Gasket Joints
- ASTM C-33 and C-150 28 day compressive strength  $f_c = 4000$  psi.

### Reinforcing

- Top Slab: #5 deformed rebar around opening, diagonally on both sides of opening @ 6" o.c. in both directions.
- Circumferential Wall: Minimum 0.18 sq. in./linear ft.
- Base: 0.35 sq. in./linear ft. in both directions, minimum yield strength = 60,000 psi.

### Hole Dimensions

- Standard Base: Blank
- Core Drill Base: Hole size equals pipe O.D. plus manhole wall thickness.
- Maximum hole diameter is 60"
- 12" minimum distance between holes

### Steps and Ladders

- Meet ASTM C478
- Steps placed vertically 12" o.c.
- Ladder provided with base.

### Structure Dimensions

- Inside Diameter: 72"
- Outside Diameter: 86"
- Wall Thickness: 7"
- Base Thickness: 12"

### Weights

- 1' x 72" Base Slab: 5000 lbs.
- 2' x 72" Base: 10400 lbs.
- 1' x 72" Section: 1900 lbs.
- 2' x 72" Section: 3800 lbs.
- 3' x 72" Section: 5700 lbs.
- 4' x 72" Section: 7600 lbs.
- 1' x 72" I.D. Flat Slab: 5000 lbs.
- 6"C.B. Riser: 240 lbs.



**Conforms to:**

- Washington State APWA/WSDOT (Standard Specifications)
- ASTM C478 Manholes
- ASTM C443 Rubber Gasket Joints
- ASTM C-33 and C-150 28 day compressive strength f'c = 4000 psi.

**Reinforcing**

- Top Slab: #4 deformed rebar around opening, diagonally on both sides of opening @ 8" o.c. in both directions.
- Circumferential Wall: Minimum 0.15 sq. in./linear ft.
- Base: 0.30 sq. in./linear ft. in both directions, minimum yield strength = 60,000 psi.

**Hole Dimensions**

- Standard Base: Blank
- Core Drill Base: Hole size equals pipe O.D. plus manhole wall thickness.
- Maximum hole diameter is 48"
- 8" minimum distance between holes

**Steps and Ladders**

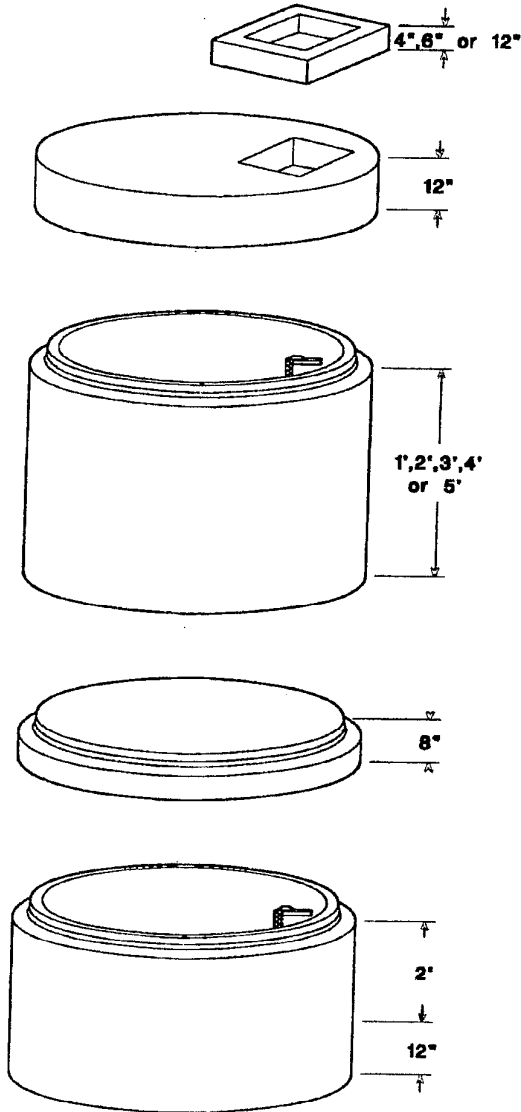
- Meet ASTM C478
- Steps placed vertically 12" o.c.
- Ladder provided with base.

**Structure Dimensions**

- Inside Diameter: 60"
- Outside Diameter: 72"
- Wall Thickness: 6"
- Base Thickness: 8"

**Weights**

- 1' x 60" Base Slab: 3900 lbs.
- 2' x 60" Base: 7785 lbs.
- 1' x 60" Section: 1295 lbs.
- 2' x 60" Section: 2580 lbs.
- 3' x 60" Section: 3865 lbs.
- 4' x 60" Section: 5180 lbs.
- 5' x 60" Section: 6475 lbs.
- 1' x 60" I.D. Flat Slab: 2500 lbs.
- 6"C.B. Riser: 240 lbs.





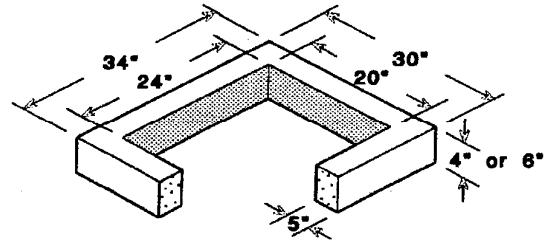
	W	L	H
I.D.	22"	26"	21"
O.D.	30"	34"	25"

**Conforms to:**

- Washington State APWA/WSDOT (Standard Specifications)
- ASTM C-33 and C-150: 28 day compressive strength  $f'_c = 4000$  psi.

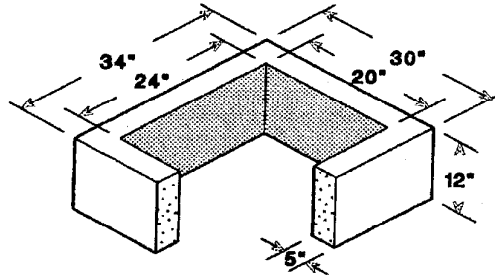
**4" Riser Section**  
(not shown)

- Weight 160 lbs.



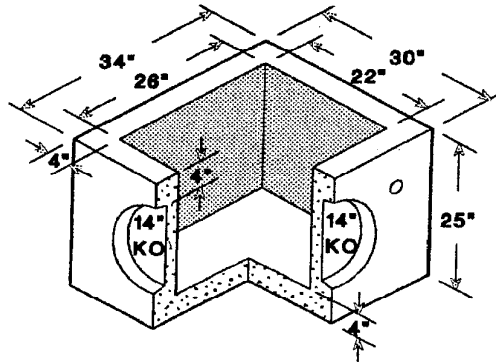
**6" Riser Section**

- Weight 240 lbs.



**12" Riser Section**

- Weight 480 lbs.

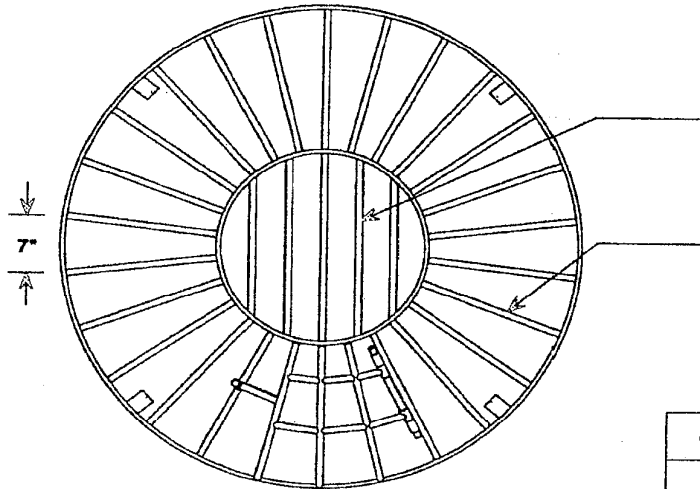


**Precast Base Section**

- Weight 1300 lbs.
- Four way 18" knockouts provided for pipe entry.

**Reinforcing**

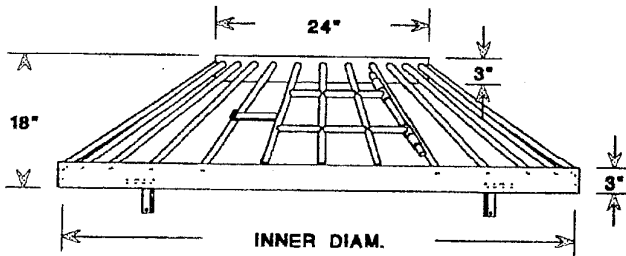
- 0.12 sq. in. per foot. (all components)



3/4" SMOOTH ROUND BARS EQUALLY SPACED. (4" O.C. MAX.)

3/4" SMOOTH ROUND BARS EQUALLY SPACED. BARS SHALL BE WELDED TO UPPER AND LOWER BANDS.

CB DIAM.	INNER DIAM.
48"	52"
54"	60"
60"	68"
72"	79"
86"	105"



**NOTES:**

1. ALL STEEL IN PLATES, BARS AND BANDS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
2. DEBRIS CAGE SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123 (AASHTO M111).



**CONCRETE  
PRODUCTS**

# SMOOTH TRASH RACK

19604 - 67th Ave NE Arlington, Wa. 98223 Telephone (360) 435-5531 Fax (360) 435-8575

