

Black River @ Blue Street – Universally Accessible Parking Lot

Materials and Man Hours

Accessible Parking Materials List

Product	Quantity	Price	Total	20% Increase Total
6"x6"x10' ACQ Sign Posts	3	\$23.40/ea.	\$70.20	\$84.24

Gravel

(OGS Delivered Price on Site by Hanson's)

Product	Quantity	Price	Total	20% Increase Total
Gravel	20 Ton	\$11.05/ Ton	\$221.00	\$265.20

Total Cost For Project

	2007 Pricing	20% Increase Total
Supplies & Materials	\$291.20	\$349.44
Man Hours	\$291.20	\$349.44
Total	\$582.40	\$698.88

**Black River @ Burdick's Crossing – Universally Accessible Trailer Boat Launch
Site**

Portable Rest Room Fence Enclosure

Concrete Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete w/fiber (3500lb/sq.in.)	14 yd	\$97.00/yd	\$1,358.00	\$1,629.60
1/2in. Rebar on 1'spacing	1950 ft.	\$4.95/20'	\$485.10	\$582.12
Wire Ties			\$65.00	\$78.00
Plastic	1 Roll	\$69.00/Roll	\$69.00	\$82.80
2"x6"x16' Spruce Lumber	14	\$7.25/ea.	\$101.50	\$121.80
2"x4"x12' Spruce Lumber	8	\$4.85/ea.	\$38.80	\$46.56
3" Screws (5lb box)	1 Box	\$17.50/ea.	\$17.50	\$21.00
Total			\$2,134.90	\$2,561.88

Blind Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	50	\$4.25/Bag	\$212.50	\$255.00
6"x6"x12' ACQ	14	\$30.50/ea.	\$427.00	\$512.40
5/4x6"x8' ACQ	162	\$5.75/ea.	\$931.50	\$1,117.80
2"x6"x16' ACQ	13	\$10.95/ea.	\$142.35	\$170.82
2"x6"x10' ACQ	11	\$6.25/ea.	\$68.75	\$82.50
Granite Stone	12 Ton	\$19.30/ton	\$231.60	\$277.92
2 1/2x#8dd Deck Screws	2 Pails	\$95.00/Pail	\$190.00	\$228.00

6" Heavy Duty Timberlock dd Screws	50	.85/ea.	\$42.50	\$51.00
Total			\$2,246.20	\$2,695.44

Total Project Cost

		Total	20% Increase Total
Supplies & Materials		\$45,486.87	\$54,584.24
Man Hours 1/3 of Total Price		\$15,137.04	\$18,164.45
		\$60,623.91	\$72,748.69

**Black River @ Castorland- Universally Accessible Trailer Boat Launch Site
Materials and Man Hours**

Accessible Parking & Walkway Materials List

Product	Quantity	Price	Total	20% Increase Total
6"x6"16' ACQ Curb	14	\$39.50/ea.	\$553.00	\$663.60
6"x6"x10' ACQ Sign Posts	6	\$23.40/ea.	\$140.40	\$168.48
¾ Minus (approx. 100' for walkway)	15 Ton	\$14.90/Ton	\$223.50	\$268.20
			\$916.90	\$1,100.28

Gravel & Paving Materials List

OGS Contract gravel pricing from Hanson's \$8.05/ton

Delivered to site by Hanson's \$11.05/ton

Product	Quantity	Price	Total	20% Increase Total
Crusher Run	40 Ton	\$11.05/Ton	\$442.00	\$530.40
Binder & Top	10,000 sq.ft.	\$2.35/sq.ft.	\$23,500.00	\$28,200.00
			\$23,942.00	\$28,730.40

Portable Rest Room Fence Enclosure

Concrete Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete w/fiber (3500 lb/sq.in.)	14 yd.	\$97.00/yd.	\$1,358.00	\$1,629.60
½" Rebar on 1' spacing	1950 ft.	\$4.95/20'	\$485.10	\$582.12
Wire Ties			\$ 65.00	\$78.00
Plastic	1 roll	\$69.00/roll	\$ 69.00	\$82.80
2" x 6" x 16' Spruce Lumber	14	\$7.25/ea	\$101.50	\$121.80
2" x 4" x 12' Spruce Lumber	8	\$38.80/ea.	\$310.40	\$372.48
3" Screws (5 lb. box)	1	\$17.50	\$17.50	\$21.00
			\$2,406.50	\$2,887.80

Blind Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	50	\$4.25/bag	\$ 212.50	\$255.00
6" x 6" x 12' ACQ	14	\$30.50/ea.	\$ 427.00	\$512.40
5/4" x 6" x 8' ACQ	162	\$5.75/ea.	\$ 931.50	\$1,117.80
2" x 6" x 16' ACQ	13	\$10.95/ea.	\$ 142.35	\$170.82
2" x 6" x 10' ACQ	11	\$6.25/ea.	\$ 68.75	\$82.50
Granite Stones	12 Ton	\$19.30/ton	\$ 231.60	\$277.92
2 1/2" X #8 dd Deck Screws	2 pails	\$95/pail	\$190.00	\$228.00
6" Heavy Duty Timberlock dd Screws	50	.85/ea.	\$ 42.50	\$51.00
			\$ 2,246.20	\$2695.44

Total Project Costs

Supplies & Materials		20% Increase Total
Man Hours (1/3 of Project cost)		
Total Cost	\$29,240.00	\$35,088.00

Black River @ Glendale – Universally Accessible Observation Platform

Materials and Man Hours

Accessible Parking Materials List

Product	Quantity	Price	Total	20% Increase Total
6"x6"x10' ACQ Sign Posts	6	\$23.40/ea.	\$140.40	\$168.48
2"x8"x12' ACQ Arm Rest	1	\$9.90/ea	\$9.90	\$11.88
4"x4"x12' ACQ Arm Rest	1	\$12.50/ea.	\$12.50	\$15.00
*Concrete w/ fiber	3 yds.	\$97.00/yd.	\$291.00	\$349.20
Totals			\$453.80	\$544.56

*Additional Concrete w/fiber (3500 lbs./sq.in.) 3yd. minimum amount delivered

Gravel

OGS Delivered Price on Site By Hanson's

Product	Quantity	Price	Total	20% Increase Total
Gravel	30 Ton	\$11.05/Ton	\$331.50	\$397.80

Total Cost For Project

20% Increase Total

Supplies & Materials	\$785.30	\$942.36
Man Hours (same as Project Cost)	\$785.30	\$942.36
Total	\$,1570.60	\$1,884.72

Black River @ Watson – Universally Accessible Fishing Platform

Materials and Man Hours

Accessible Parking &Walkway Materials List

Product	Quantity	Price	Total	20%Increase Total
6"x6"x16' ACQ Curb	4	\$39.50/ea.	\$158.00	\$189.60
6"x6"x10' ACQ Sign Posts	3	\$23.40/ea.	\$70.20	\$84.24
3/4"Minus(approx. 20' for walkway)	4 Ton	\$14.90/ton	\$59.60	\$71.85
			\$287.80	\$345.36

Accessible Fishing Platform Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	30 bags	\$4.25	\$127.50	\$153.00
6"x6"x12' ACQ Cribbing &Uprights	34	\$30.50/ea.	\$1,037.00	\$1,244.40
6"x6"x16' ACQ Cribbing &Supports	7	\$39.50/ea.	\$276.50	\$331.80
4"x4"x16' ACQ Railing	16	\$18.50/ea.	\$296.00	\$355.20
4"x4"x12' ACQ Railing	14	\$12.50/ea.	\$175.00	\$210.00
2"x6"x12' ACQW Top Rail	5	\$7.65/ea.	\$38.25	\$45.90
2"x8"x12 ACQ Decking & Rail	44	\$9.90/ea.	\$435.00	\$522.00
2"x12"x12' ACQ Stringers & Bracing	50	\$20.75/ea.	\$1,037.50	\$1,245.00
3" dd Screws	50lbs.	\$3.50/lb.	\$175.00	\$210.00
Hurricane Straps	150	\$.60/ea.	\$90.00	\$108.00
6" Timberlock Screws	450	\$.85/ea.	\$382.50	\$459.00
8" Heavy Duty Timberlock	4 boxes	\$26.95/box	\$107.80	\$129.36

Screws				
10" Heavy Duty Timberlock Screws	9 boxes	\$39.00/box	\$351.00	\$421.20
3/8"x8" dd Carriage Bolts	150	\$1.49/ea.	\$223.50	\$268.20
3/8"x12" dd Carriage Bolts	150	\$2.50/ea.	\$375.00	\$450.00
Nuts	300	\$.15/ea.	\$45.00	\$54.00
Washers	300	\$.12/ea.	\$36.00	\$43.20
3/8"x12" Drill Bits	2	\$14.50/ea.	\$29.00	\$34.80
			\$5,238.15	\$6,285.78

Gravel Materials List

Road Dimensions – 600' length x 16'width x 12"thick

OGS Contract gravel pricing from Hanson's \$8.05/ton

Delivered to site by Hanson's \$11.05/ton

Product	Quantity	Price	Total	20% Increase Total
¾ Minus	330 Ton	\$11.05/Ton	\$3,646.00	\$4,375.20

Total Project Cost

		20% Increase Total
Supplies & Materials	\$9,171.95	\$11,006.34
Man Hours 1/3 of Total Price	\$3,054.26	\$3,665.11
Total	\$12,226.21	\$14,671.45

Black River @ Deer River – Universally Accessible Trailer Boat Launch Site

Materials and Man Hours

Push Slab Materials List

Concrete Slabs

(16' wide x 32' long x 6" thick = 9.5 yds. concrete (4000 lb./sq. inch) \$90.50/yd.)

Product	Quantity	Price	Total
Concrete Slabs	2 ea.	\$859.75/ea.	\$1719.50
½" Rebar on 1' Spacing	3400'	\$4.95/20' length	\$841.50
Wire Ties			\$65.00
Plastic	1 roll	\$69.00/roll	\$69.00
Spruce Forms 2"x 6"x 16'	8	\$7.25/ ea.	\$58.00
Spruce Stakes 2" x 4" x 16'	5	\$4.85/ea.	\$24.25
3" Screws, 5 lb. box	1 box	\$17.50/box	\$17.50
Anchor Bolts – 8" dd (5/8")	32	\$2.95/ea.	\$94.40
Curb – 6"x6"x16' ACQ	6	\$39.50 ea.	\$237.00
			\$3126.15

Accessible Parking & Walkway Materials List

Product	Quantity	Price	Total
ACQ Curb – 6"x6"x16'	14	\$39.50/ea.	\$553.00
ACQ Sign Posts – 6"x6"x10'	3	\$23.40/ea.	\$70.20
¾" Minus (approx.100' for walkway)	15 Ton	\$14.90/ton	\$223.50
			\$846.70

Accessible Dock

6' x 20' Floating Dock (see quote)

\$ 12,552.00

Abutment Cribbing (for dock attaching)

Product	Quantity	Price	Total
6"x6"x16' ACQ	26	39.50 ea.	\$1027.00
6"x6"x10' ACQ	16	23.40/ea.	\$374.40
2"x12"x10' ACQ	6	23.22/ea.	\$139.32
10" Heavy Duty Wood Screws	3 boxes	39.00/ea.	\$117.00
3" dd Screws	2 lbs.	3.50/lb.	\$7.00
			\$1664.72

Gravel Materials List

Road Dimensions - 2500' length x 16' width x 12" thick

OGS Contract Gravel Pricing from Hanson's \$8.05/ton
Delivered to site by Hanson's \$11.05/ton

Product	Quantity	Price	Total
4" Minus (Crusher Run)	1400 Ton	\$11.05/Ton	\$15,470.00
¾ Minus	1400 Ton	\$11.05/Ton	\$15,470.00
			\$30,940.00

Parking Area – 150' x 100' x 12"

Product	Quantity	Price	Total
4" Minus	550 Ton	\$11.05/Ton	\$6,077.00
¾ Minus	550 Ton	\$11.05/Ton	\$6,077.00
Geotextile	9 rolls	\$400/roll	\$3,600.00
Culvert Pipes	2	\$125.60/ea.	\$ 251.20
Coupler	1	\$7.85/ea.	\$7.85
			\$16,013.05

Total Project Cost without optional Portable Restroom Fence Enclosure

Supplies & Materials	\$ 65,142.62
Man Hours (1/3 of Project Cost)	\$ 21,692.49
Total	\$ 86,835.11

Optional Portable Rest Room Fence Enclosure

Concrete Materials

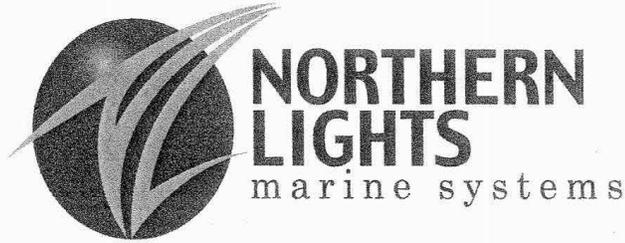
Product	Quantity	Price	Total
Concrete w/fiber (3500 lb/sq.in.)	14 yd.	\$97.00/yd.	\$1,358.00
½" Rebar on 1' spacing	1950 ft.	\$4.95/20'	\$485.10
Wire Ties			\$ 65.00
Plastic	1 roll	\$69/roll	\$ 69.00
2" x 6" x 16' Spruce Lumber	14	7.25/ea	\$101.50
2" x 4" x 12' Spruce Lumber	8	4.85/ea.	38.80
3" Screws (5 lb. box)	1 box	17.50	17.50
			\$2,134.90

Blind Materials

Product	Quantity	Price	Total
Concrete Mix	50	\$4.25/bag	\$ 212.50
6" x 6" x 12' ACQ	14	\$30.50/ea.	\$ 427.00
5/4" x 6" x 8' ACQ	162	\$5.75/ea.	\$ 931.50
2" x 6" x 16' ACQ	13	\$10.95/ea.	\$ 142.35
2" x 6" x 10' ACQ	11	\$6.25/ea.	\$ 68.75
Granite Stones	12 Ton	\$19.30/ton	\$ 231.60
2 ½" X #8 dd Deck Screws	2 pails	\$95/pail	\$190.00
6" Heavy Duty Timberlock dd Screws	50	.85/ea.	\$ 42.50
			\$ 2,246.20

Total Project Cost w/optional Portable Rest Room Fence Enclosure

Supplies & Materials	\$ 69,523.72
Man Hours (1/3 of Project Cost)	\$ 23,151.40
Total Cost	\$ 92,675.12



QUOTE

Steel Truss

NYSDEC

01/07/10 JWJ

BLACK RIVER PROJECT NYSDEC

Bill To:

New York State Department of Environmental Conservation
7327 State Route 812
Lowville, New York 13367
Phone: (315) 376-8059 Fax: (315)266-0530

Contact Person: Doug Kirkbride
Cell: (315) 525-7776
E-Mail: dgkirkbr@gw.dec.state.ny.us

Ship To:

Quote

New York State Department of Environmental Conservation
7327 State Route 812
Lowville, New York 13367
Phone: (315) 376-8059 Fax: (315)266-0530

Northern Lights Marine Contact Person:
Jeff Judge
Cell: (315) 717-7798
E-Mail: jeff@northernlightsmarine.com

Northern Lights Marine Systems LLC. Is pleased to provide this quotation for the above referenced project. Per plans provided and specifications dated January 4, 2010. We propose to fabricate the following items:

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>ITEM #</u>	<u>TOTAL</u>
1	6'x20' Galvanized Steel Truss Floating Dock	\$4,200.00	NL620ST	\$4,200.00
1	4'x20' Aluminum ADA Gangway	\$3,600.00	NL420ALGW	\$3,600.00
2	20' Galvanized Stiff Arms	\$926.00	NL2.5GSA	\$1,852.00
1	43 Ln. Ft. Al. Rail w/Internal ADA Rail	EA	NIALADAR	\$1,960.00
2	36" aluminum Boarding Gates	\$160.00	NL36ALBG	\$320.00
1	Delivery	\$620.00	N/A	\$620.00

NOTES: PT#1 2x6 Decking on dock w/Skirting. Full Commercial Grade Rub Rail and Corner Bumpers installed. 12" galvanized cleats installed. All deck fasteners Stainless Steel. All connecting hardware included

Total **\$12,552.00**

EXCLUSIONS: Tax/Engineered drawings & Permits

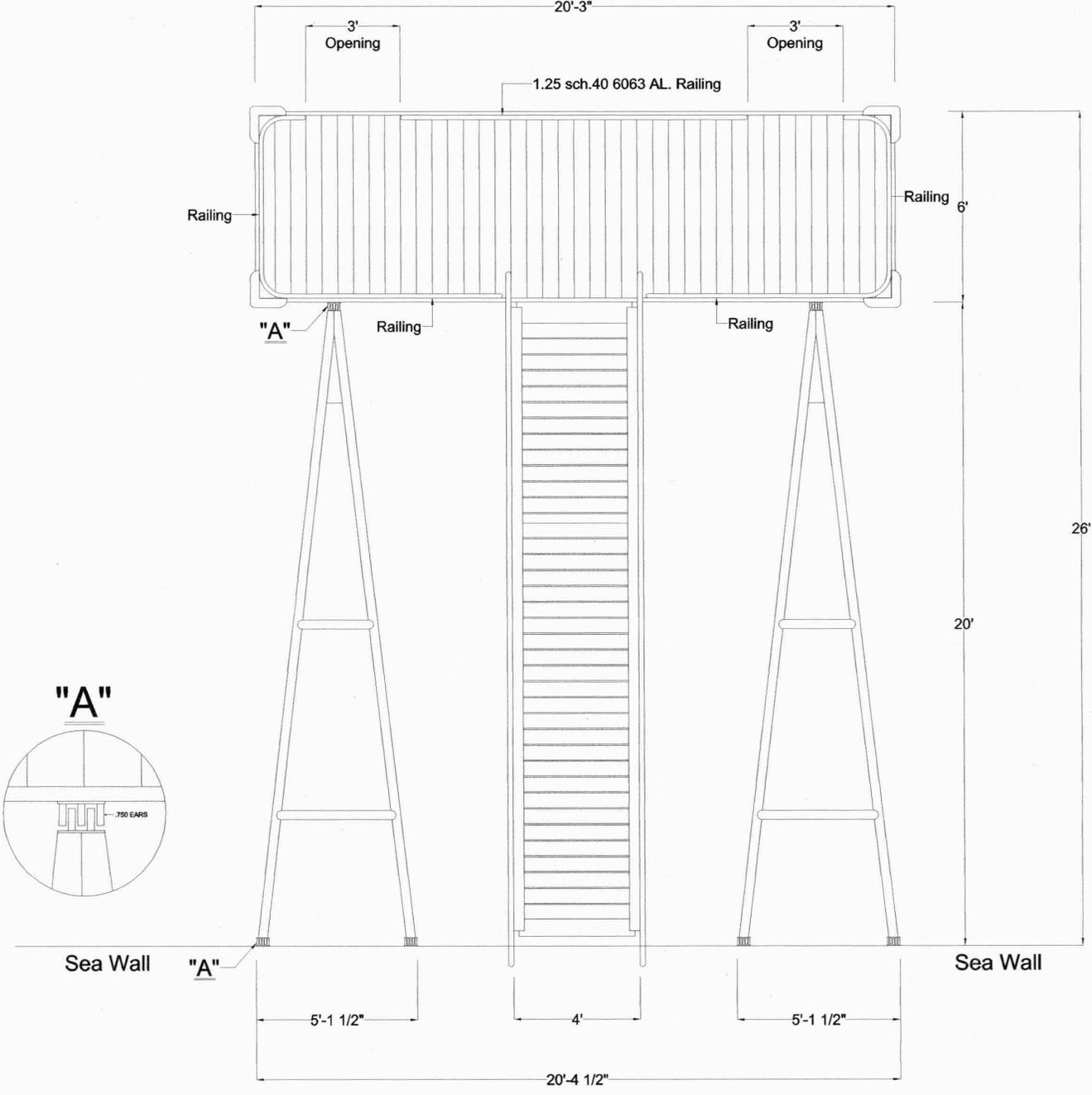
Quote Good for 15 Days.

Black River Project NYSDEC

We hope this quote meets with your approval. Please call if you have any questions.

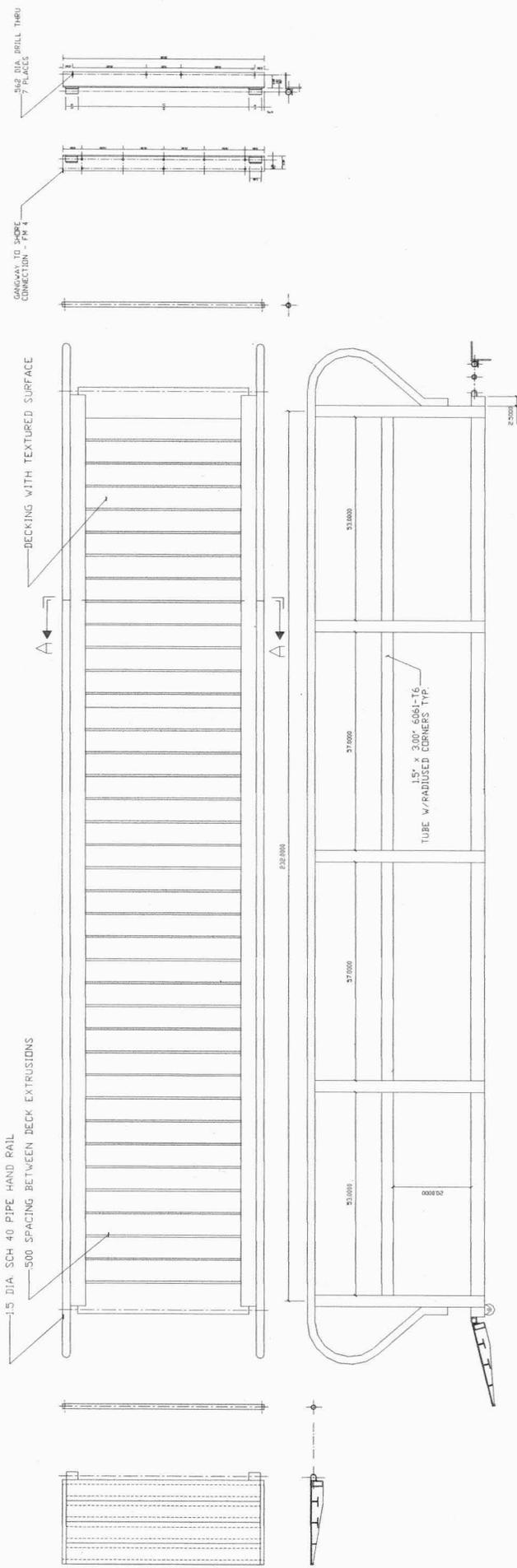


black river project



JWJ 01/06/10

DEC EXAMPLE #2



FM-4820 GANGWAY PROFILE

SPECIFICATIONS:

WELDED 6061-T6 ALUMINUM CONSTRUCTION
 PIVOT PINS AND ROLLER SHAFT ARE 304SS
 GANGWAY CONNECTER AT FIXED END IS A
 HOT DIPPED GALVANIZED STEEL WELDMENT

DESIGNED FOR
 50 POUNDS PER SQUARE FOOT MAXIMUM LOADING
 LESS THAN 1/180 OF LENGTH DEFLECTION
 200 POUND LOADING AT EACH HANDRAIL POST
 MAXIMUM RECOMMENDED ANGLE IS 20 DEG.

NOTES:

1. GANGWAY CONNECTION MUST BE SECURELY
 ATTACHED TO THE STRUCTURAL SUPPORT
 USE 1/2" DIA. STAINLESS STEEL
 FASTENERS OF SUITABLE TYPE AND LENGTH
 WITH THE NECESSARY NUTS AND WASHERS
 --FASTENERS NOT SUPPLIED--
2. POSITION GANGWAY AND INSTALL THE
 STAINLESS STEEL PIPE PIVOT SHAFT
 INSTALL THE STAINLESS STEEL ROLL PIN
 SUPPLIED IN THE HOLE DRILLED IN THE END
 OF PIPE CONE PIN INSTALLED
3. INSTALL THE OPTIONAL HANDICAP ACCESS RAMP
 POSITION THE RAMP AT THE END OF THE
 GANGWAY AND INSTALL THE STAINLESS
 STEEL PIPE PIVOT SHAFT
 SUPPLIED IN THE HOLE DRILLED
 IN THE END OF THE PIPE
 CONE PIN INSTALLED

Specifications - Railing Design - Aluminum

- Railing shall be shop fabricated and assembled per approved shop drawings to the greatest extent possible. Assembly shall be in a neat, craftsmanship manner in accordance with the highest industry standards.
- All posts shall be structurally welded to Top Rail and Lower Horizontal Members to assure fixed fastening for the life of the railing.
- Corners shall be fitted by miter and further welded as required to obtain maximum assurance of strength through the railing's useful life.
- End connections required to fasten to the building structure require either a welded rail end sleeve or bracket.
- Provide weep holes or other means to exit entrapped water from hollow sections of railing members exposed to exterior condensation, or moisture from other sources.
- Verify dimensions on site prior to shop fabrication.
- Welding operators and procedures used are qualified to AWS D1.2
- Robotic welding and procedures are qualified to AWS D1.2
- Assembly shall be in a neat workmanlike manner using MIG Welding Processes as required.
- Expansion joints shall be provided as needed to allow for thermal expansion or contraction

Specifications - Railing Design - American > Part I General

SECTION 05720 RAILING AND HANDRAILS

1.01 Work Included

Furnish and install pre-engineered welded aluminum railings and components.

1.02 Related Work

Section 03000 - Concrete

Section 04200 - Unit Masonry Systems

Section 06100 - Rough Carpentry

Section 08800 - Glazing: Glass

1.03 Reference Standards

Aluminium Associations (AA)

- ASD-1 Aluminum Standards and Data
- B.O.C.A. National Building Code
- American Welding Society -ASD-1 "Aluminum Standards and Data"
- American National Standards Institute (ANSI) AZ1.1 "Safety Requirements for Floor and Wall Openings, Railings and Toe Boards"
- AAMA 2603 98 "Voluntary Specifications Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels."
- American Society for Testing and Materials
 - E985 - "Specifications for Permanent Metal Railing Systems and Railings for Buildings"
 - E935 - "Standard test methods for performance of Permanent Metal Railing Systems and Rails for Buildings"
 - E894 - "Standard test methods for Anchorage or Permanent Metal Railing Systems and Rails for Buildings"

1.04 System Performance Requirements

Structural Performance of Railing Systems:

- Engineer, fabricate, and install railing system to withstand the following structural loads without exceeding the allowable design working stress of the materials for railing system, anchors and connections.

1.05 Submittals

- Shop drawings showing Welding, Fabrication, Installation or railing system including all plans, sections, detail of connections and components.
- Where installed products are indicated to comply with certain design loadings, include structural computations, material properties and other information needed for structural analysis review by the design architect and/or engineer of record.
- Submit 6 prints of all shop drawings, signed and stamped from a professional structural engineer registered in proper jurisdiction.

1.06 Quality Assurance

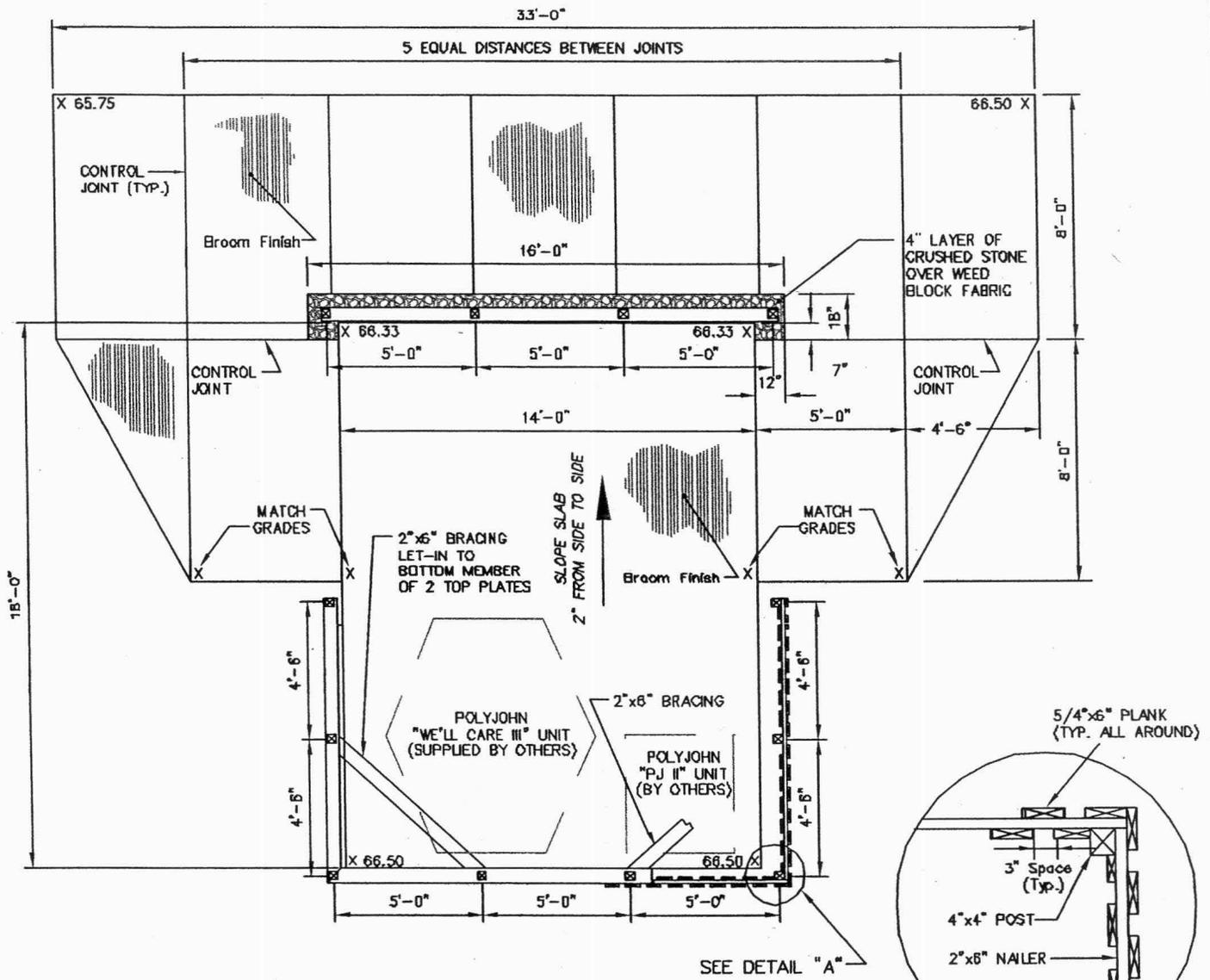
- Single Source Responsibility: Obtain railing systems from a single fabricator/manufacturer.
- Engineering Responsibility: Engineer railing systems by the fabricator/manufacturer unless sizes and configurations are specifically called out on architect/engineer.

1.07 Storage

- Store railing systems in clean, dry location, away from uncured concrete and masonry, protected against damage.

1.08 Project Conditions

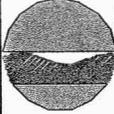
- Field Measurements: Where railings are indicated to fit to other construction, check accurate dimensions of other construction by accurate field measurements before fabrication. coordinate fabrication schedule with construction progress to avoid delay of work.

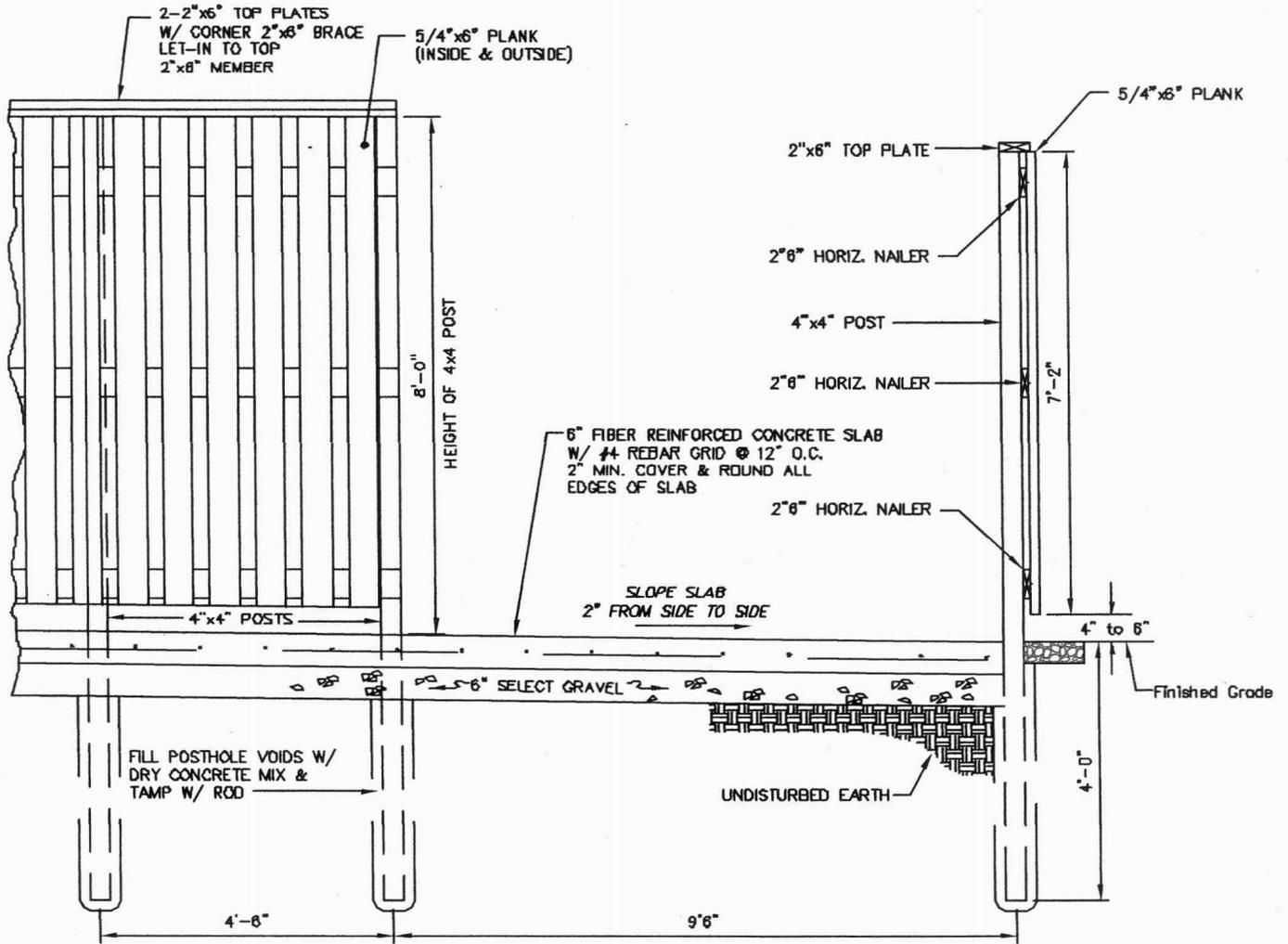


PLAN VIEW
SCALE: 3/16" = 1'-0"

FENCE ENCLOSURE
AS NOTED

DETAIL "A"
SCALE: 3/4" = 1'-0"

DRAWING NO. 1 SCALE AS NOTED DATE MAY. 2002 PROJECT NO. XX-XXXX FACILITY NO. XXXX COUNTY NO. XXXX DISTRICT NO. XXXX STATE NO. XXXX	PROJECT DESCRIPTION ADA ACCESSIBILITY PROJECTS STANDARDS PORTABLE REST ROOM FENCE ENCLOSURE	REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	BY																	DESIGNED BY CHECKED BY DRAWN BY		STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF OPERATIONS BUREAU OF DESIGN & CONSTRUCTION
	NO.	DATE	DESCRIPTION	BY																					
		AS BUILT																							



ELEVATION

SCALE: 3/16" = 1'-0"

NOTE: ALL TIMBER IS PRESSURE TREATED PER SPECS.

PROJECT DESCRIPTION		REVISIONS			DESIGNED BY	CHECKED BY	DRAWN BY
ADA ACCESSIBILITY PROJECTS STANDARDS		NO.	DATE	DESCRIPTION			
PORTABLE REST ROOM FENCE ENCLOSURE							
				AS BUILT			

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF OPERATIONS
BUREAU OF DESIGN & CONSTRUCTION

PROJECT NO. XXXX
SUBMIT NO. XX-XXXX
DATE MAY, 2002
SCALE AS NOTED
DRAWING NO. 2

**Black River @ Beaches Landing
Universally Accessible Trailer Boat Launch Site & Accessible Fishing Platform**

Materials and Man Hours

Accessible Parking & Walkway Materials List

Product	Quantity	Price	Total	20% Increase Total
6"x6"x16' ACQ Curb	6	\$39.50/ea.	\$237.00	\$284.40
6"x6"x10' ACQ Sign Posts	6	\$23.40/ea.	\$140.40	\$168.48
¾ Minus (approx.100' for walkway)	7 Ton	\$14.90/ton	\$104.30	\$125.16
			\$481.70	\$578.04

Paving Materials List

Product	Quantity	Price	Total	20% Increase Total
Binder & Top	10,500 sq.ft.	\$ 2.30/sq.ft.	\$11,598.00	\$13,917.60

Portable Rest Room Fence Enclosure

Concrete Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete w/fiber (3500 lb/sq.in.)	14 yd.	\$97.00/yd.	\$1,358.00	\$1629.60
½" Rebar on 1' spacing	1950 ft.	\$4.95/20'	\$485.10	\$582.12
Wire Ties			\$ 65.00	\$78.00
Plastic	1 roll	\$69/roll	\$ 69.00	\$82.80
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3" Screws (5 lb. box)	1 box	\$17.50/ea.	\$17.50	\$21.00
			\$2,134.90	\$2,561.88

Blind Materials

Product	Quantity	Price	Total	20% Increase Total
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2" x 6" x 16' ACQ	13	\$10.95/ea.	\$ 142.35	\$170.82
2" x 6" x 10' ACQ	11	\$6.25/ea.	\$ 68.75	\$82.50
Granite Stones	12 Ton	\$19.30/ton	\$ 231.60	\$277.92
2 ½" X #8 dd Deck Screws	2 pails	\$95/pail	\$190.00	\$228.00
6" Heavy Duty Timberlock dd Screws	50	.85/ea.	\$ 42.50	\$51.00
			\$2,246.20	\$2,695.44

Accessible Fishing Platform Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	30 bags	\$4.25/ea	\$127.50	\$153.00
6" x 6" x 12' ACQ Cribbing & Uprights	34	\$30.50/ea.	\$1,037.00	\$1,244.40
6" x 6" x 16' ACQ Cribbing & Supports	7	\$39.50/ea.	\$276.50	\$331.80
4" x 4" x 16' ACQ Railing	16	\$18.50/ea.	\$296.00	\$355.20
4" x 4" x 12' ACQ Railing	14	\$12.50/ea.	\$175.00	\$210.00
2" x 6" x 12' ACQW Top Rail	5	\$7.65/ea.	\$38.25	\$45.90
2" x 8" x 12' ACQ Decking & Railing	44	\$9.90/ea.	\$435.60	\$522.72
2" x 12" x 12' ACQ Stringers & Bracing	50	\$20.75/ea.	\$1,037.50	\$1245.00
3" dd Screws	50 lbs.	\$3.50/lb.	\$175.00	\$210.00
Hurricane Straps	150	\$.60/ea.	\$90.00	\$108.00
6" Timberlock Screws	450	\$.85/ea.	\$382.50	\$459.00
8" Heavy Duty Timberlock Screws	4 boxes	\$26.95/box	\$107.80	\$129.36
10" Heavy Duty Timberlock Screws	9 boxes	\$39.00/box	\$351.00	\$421.20
3/8" x 8" dd Carraige Bolts	150	\$1.49/ea.	\$223.50	\$268.20
3/8" x 12" dd Carriage Bolts	150	\$2.50/ea.	\$375.00	\$450.00
Nuts	300	\$.15/ea.	\$45.00	\$54.00
Washers	300	\$.12/ea.	\$36.00	\$43.20
3/8" x 12" Drill Bits	2	\$14.50/ea.	\$29.00	\$34.80
Large Rip Rap	300 T	\$14.00/ea.	\$4,200.00	
Geo Textile	¼ Roll		\$65.20	
			\$9538.15	\$11,445.78

Total Project Cost

20% Increase total

Supplies & Materials	\$48,467.67	\$58,161.20
Man Hours (1/3 of Total Price)	\$ 16,139.73	\$19,367.76
	\$ 64,607.40	\$77,528.88

**Black River @ Denley Dam – Car Top Boat Launch Site &
Universally Accessible Trailer Boat Launch Site & Accessible Fishing Platform**

Materials and Man Hours

Accessible Parking & Walkway Materials List

Product	Quantity	Price	Total	20% Increase Total
6"x6"x16' ACQ Curb	7	\$39.50/ea.	\$276.50	\$331.80
6"x6"x10' ACQ Sign Posts	3	\$23.40/ea.	\$70.20	\$84.24
¾ Minus (approx.100' for walkway)	8Ton	\$14.90/ton	\$119.20	\$143.04
			\$465.90	\$559.08

Accessible Dock

6' x 12' Floating Dock (see quote)

\$ 7,106.00

Abutment Cribbing (for dock attaching)

Product	Quantity	Price	Total	20% Increase Total
6"x6"x16' ACQ	20	\$39.50/ea.	\$790.00	\$948.00
6"x6"x10' ACQ	12	\$23.40/ea.	\$280.80	\$336.96
2"x12"x10' ACQ	5	\$23.22/ea.	\$116.10	\$139.32
10" Heavy Duty Wood Screws	3 boxes	\$39.00/ea.	\$117.00	\$140.40
3" dd Screws	2 lbs.	\$3.50/lb.	\$7.00	\$8.40
			\$1,310.90	\$1,573.08

Gravel Materials List

(OGS Delivered Contract Price by Hanson's \$11.05/ton)

Product	Quantity	Price	Total	20% Increase Total
¾ Minus	304 Ton	\$11.05/Ton	\$3,359.20	\$4,031.04
4" Minus	125 Ton	\$11.05/Ton	\$1,381.25	\$1,675.50
Total			\$4,740.45	\$5,706.54

Portable Rest Room Fence Enclosure

Concrete Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete w/fiber (3500 lb/sq.in.)	14 yd.	\$97.00/yd.	\$1,358.00	\$1,629.60
½" Rebar on 1' spacing	1950 ft.	\$4.95/20'	\$485.10	\$582.12
Wire Ties			\$ 65.00	\$78.00
Plastic	1 roll	\$69/roll	\$ 69.00	\$82.80
2" x 6" x 16' Spruce Lumber	14	7.25/ea	\$101.50	\$121.80
2" x 4" x 12' Spruce Lumber	8	38.80/ea.	\$38.80	\$45.56
3" Screws (5 lb. box)	1 box	17.50/ea.	\$17.50	\$21.00
			\$2,134.90	\$2,561.88

Blind Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	50	\$4.25/bag	\$ 212.50	\$255.00
6" x 6" x 12' ACQ	14	\$30.50/ea.	\$ 427.00	\$512.40
5/4" x 6" x 8' ACQ	162	\$5.75/ea.	\$ 931.50	\$1,117.80
2" x 6" x 16' ACQ	13	\$10.95/ea.	\$ 142.35	\$170.82
2" x 6" x 10' ACQ	11	\$6.25/ea.	\$ 68.75	\$82.50
Granite Stones	12 Ton	\$19.30/ton	\$ 231.60	\$277.92
2 1/2" X #8 dd Deck Screws	2 pails	\$95/pail	\$190.00	\$228.00
6" Heavy Duty Timberlock dd Screws	50	.85/ea.	\$ 42.50	\$51.00
			\$ 2,246.20	\$2,695.44

Accessible Fishing Platform Materials

Product	Quantity	Price	Total	20% Increase Total
Concrete Mix	30 bags	\$4.25/ea	\$127.50	\$153.00
6" x 6" x 12' ACQ Cribbing & Uprights	34	\$30.50/ea.	\$1,037.00	\$1,244.40
6" x 6" x 16' ACQ Cribbing & Supports	7	\$39.50/ea.	\$276.50	\$331.80
4" x 4" x 16' ACQ Railing	16	\$18.50/ea.	\$296.00	\$355.20
4" x 4" x 12' ACQ Railing	14	\$12.50/ea.	\$175.00	\$210.00
2" x 6" x 12' ACQW Top Rail	5	\$7.65/ea.	\$38.25	\$45.90
2" x 8" x 12' ACQ Decking & Railing	44	\$9.90/ea.	\$435.60	\$522.72
2" x 12" x 12' ACQ Stringers & Bracing	50	\$20.75/ea.	\$1,037.50	\$1,245.00
3" dd Screws	50 lbs.	\$3.50/lb.	\$175.00	\$210.00
Hurricane Straps	150	\$.60/ea.	\$90.00	\$108.00
6" Timberlock Screws	450	\$.85/ea.	\$382.50	\$459.00
8" Heavy Duty Timberlock Screws	4 boxes	\$26.95/box	\$107.80	\$129.36
10" Heavy Duty Timberlock Screws	9 boxes	\$39.00/box	\$351.00	\$421.20
3/8" x 8" dd Carriage Bolts	150	\$1.49/ea.	\$223.50	\$268.20
3/8" x 12" dd Carriage Bolts	150	\$2.50/ea.	\$375.00	\$450.00
Nuts	300	\$.15/ea.	\$45.00	\$54.00
Washers	300	\$.12/ea.	\$36.00	\$43.20
3/8" x 12" Drill Bits	2	\$14.50/ea.	\$29.00	\$34.80
			\$5,238.15	\$6,285.78

Total Project Cost

		20% Increase Total
Supplies & Materials	\$ 48,467.67	\$58,161.20
Man Hours (1/3 of Total Price)	\$ 16,139.73	\$19,367.68
	\$ 64,607.40	\$77,528.88

Concrete Launch (Optional for Erosion Control)

12' Wide x22' Long x 6" Thick

Product	Quantity	Price	Total	20% Increase Total
Concrete (4,000 lb/sq/in.)	5yds.	\$90.50/yd.	\$452.50	\$543.00
½" Rebar on 1' Spacing	900ft.	\$495/20' length	\$222.75	\$267.30
Wire Ties			\$17.00	\$20.40
Plastic			\$20.00	\$24.40
2" x 6" x 16 Spruce forms	6	\$7.25/ea.	\$43.50	\$52.20
			\$755.75	\$906.90

Total Project w/ Optional Concrete Launch

		20% Increase Total
Supplies & Materials	\$23,998.25	\$28,797.90
Man Hours (1/3 Project Total)	\$7,991.42	\$9,589.70
Total	\$31,989.67	\$38,387.60