

SUMMARY OF DESIGN COORDINATION
FOR THE CANOPY ENCLOSURE OF THE
MARKET SQUARE MEMORIAL PARK STAGE

Borough of Marcus Hook - Delaware County, PA

Prepared by:

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Town Planners & Landscape Architects
West Chester, Pennsylvania

June 14, 1996

Pennsylvania Coastal Zone Management Program

BOROUGH OF MARCUS HOOK
MARKET GREEN LANDSCAPE PLAN AND
MARKET SQUARE MEMORIAL PARK CANOPY DESIGN
SEPTEMBER 30, 1996

CZM PROJECT NUMBER 95-PD.05__

A REPORT OF THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION TO
THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION PURSUANT TO NOAA
AWARD NO. NA57OZ0253



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GV 182. P4. C35 1996

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June 14, 1996

Table of Contents

	<u>Page</u>
Title Page - Funding Sources	
Introduction	1
Existing Conditions and Facility Analysis	1
Canopy Plans	4
Financial Analysis and Outline Specifications	6

List of Figures

Figure 1	Location Map	2
Figure 2	Existing Conditions & Facility Analysis Plan	3
Figure 3	Canopy Plan - Bandshell P-1912	5
Figure 4	Bandshell Photo from Catalogue	10

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Introduction

This report represents a summary of the design coordination efforts related to the Canopy Enclosure of the Stage at Market Square Memorial Park. The detailed design of the Bandshell type structure can now proceed. Two plans are enclosed for Bandshells provided by Cedar Forest Products Co., the same company which furnished the picnic pavilion/shelter that was constructed on the east side of the park in 1987.

The open air park stage is used by performers throughout the summer at the Marcus Hook Summer Musical Festival and at various special events sponsored by the Borough in the spring and fall. The true value of the stage will be realized when it is enclosed by a bandshell to protect performers from the weather and to enhance sound quality.

Existing Conditions and Facility Analysis

The existing stage is elevated above grade by approximately 21 inches. Easy access is provided by four 10 foot wide steps on the west side of the stage. The stage orients to the large "green" on the east side where people of all ages can appreciate the performances. The rectangular elevated stage measures 24'-1¾" x 30'-1½". It is surrounded by sidewalks that connect to the overall pedestrian circulation system of the park.

Refer to Figure 1., Location Map, for the approximate location of the elevated stage in the park. Refer to Figure 2., Existing Conditions and Facility Analysis Plan, for the dimensions and design considerations related to adding the bandshell to the existing stage.

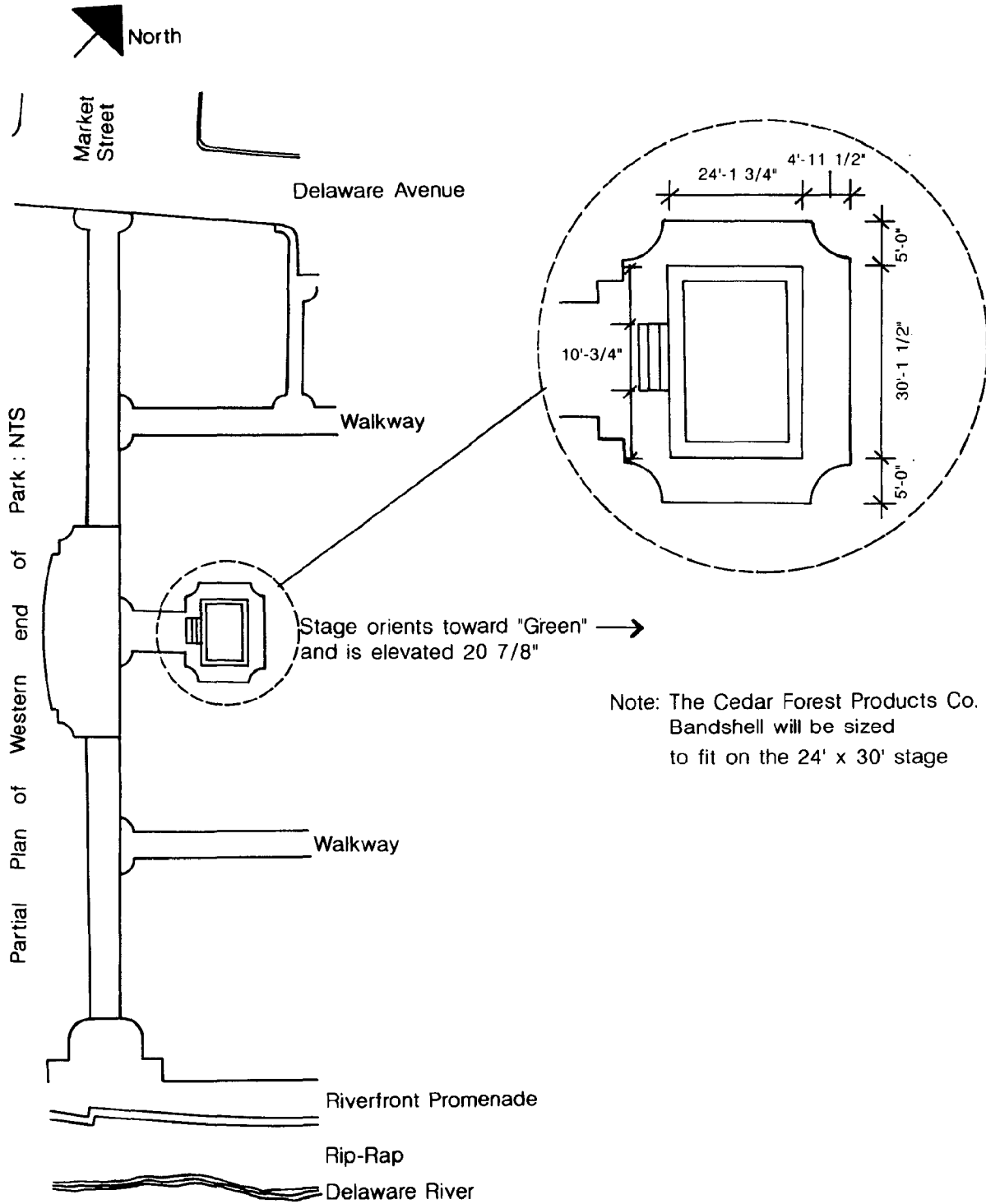


Figure 2.

Existing Conditions and Facility Analysis

CANOPY ENCLOSURE
 MARKET SQUARE MEMORIAL PARK STAGE
 Borough of Marcus Hook - Delaware County, Pennsylvania

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Canopy Plans

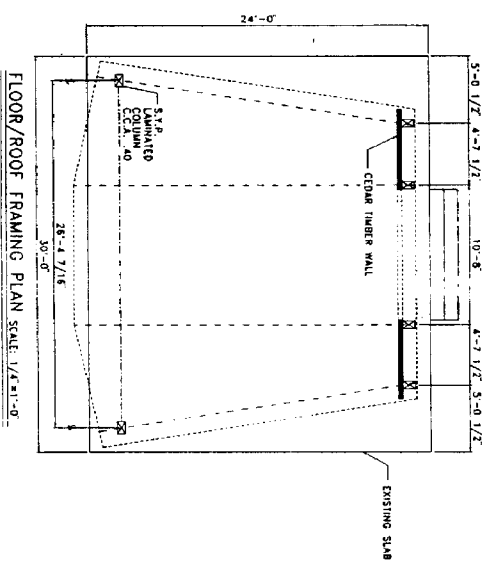
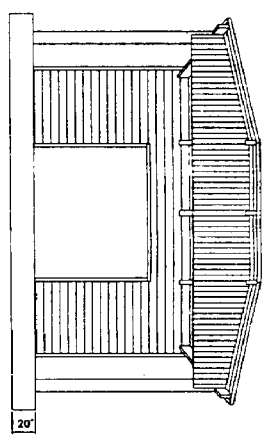
After considering several alternative canopy enclosures including a tent like structure and a small scale custom designed replica of the Market Square Head House, the Borough Council chose the Bandshell provided by Cedar Forest Products Co. (CFPC) as the preferred canopy enclosure. A Bandshell from Appleton, Wisconsin was considered as a point of departure.

Working with General Recreation, Inc. (GRI) of Newtown Square, Pa., two bandshell options were considered initially -- Model P-1440 and Model P-1848. However, since neither of these options worked perfectly on the existing stage, a custom designed bandshell will be required. Until the time that exact engineering measurements and details are prepared during the next stage of design, GRI has furnished a Bandshell Plan P-1912 which has been reduced to 11"x17" and enclosed as Figure 3.

CFPC will furnish detailed working drawings with an actual order. The working drawings could then be included in an overall Project Manual which could be sent to prospective contractors for bidding purposes.

CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF 15.12.1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PENNSYLVANIA DEPARTMENT OF REVENUE AND THE PENNSYLVANIA DEPARTMENT OF REVENUE. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PENNSYLVANIA DEPARTMENT OF REVENUE AND THE PENNSYLVANIA DEPARTMENT OF REVENUE.

- GENERAL NOTES:**
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APPROVED BY: [Signature]
DATE: 10/10/96

157 WEST COLLEGE - 1002 80
PAOLA, ILLINOIS 61004
(815)-946-3994
(815)-946-4170 FAX

OWNER
NAME: MARCUS HOOK, PA
ADDRESS:
CITY/STATE/ZIP:

PHONE
BUSINESS ATTENTION

DESIGNER
NAME: GARRY HELMUTH
CITY/STATE: NEWTOWN SQUARE, PA
SALESPERSON:

GENERAL RECREATION, INC.
SCOTT D. DUNSETH
JUNE 4, 1996

PROJECTED/DATE BY/DATE
BANDSHELL
SCOTT D. DUNSETH
JUNE 4, 1996

NO. #
P-1912

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Financial Analysis and Outline Specifications

General Recreation Inc., has furnished a cost estimate with outline specifications. Pages 7 to 9 relate to Model #P-1912. A summary of the costs is as follows:

Model # P-1912

Base Price as described on page 7.....	\$24,325.00
Price Estimate for Unloading, Storage, Assembly, Base Shoe, Anchor Bolts, and Erection/Installation.....	11,000.00
Estimate for Engineering/Construction Administration.....	<u>2,650.00</u>
Total.....	\$37,975.00

Options for Model #P-1912

Appleton Wisconsin Style Wing Rooms..... (two (2)) only if slab of the existing stage is enlarged	\$22,850.00
Sliding Doors for Rear of Bandshell.....	\$ 1,950.00

(See page 10 for Appleton model)

Please note that the above cost estimates are exclusive of electrical work, including Electrical Engineering and Electrical Contracting.

When the Canopy Enclosure/Bandshell is the subject of detailed plans and specifications, working drawings will be furnished with the order of one of the above choices.

PRICE QUOTATION

DUE DATE: 06/14/96

QUOTE #: 9150

DATE: 06/14/96

SALESPERSON: GARRY HELMUTH

BILL TO:
THOMAS COMITTA ASSOCIATES, INC.
18 WEST CHESTNUT STREET
WEST CHESTER, PA 19380
ATTN: JEAN AKERS

SHIP TO:
PLEASE ADVISE

PROJECT NAME: **MARCUS HOOK, PA**
 TELEPHONE: **610 696-3896**
 CONTACT:

TERMS: **TO BE DETERMINED**
 TO BE SHIPPED: **COMMON CARRIER**
 F.O.B.: **DELIVERED**
 SHIP DATE: **4 TO 6 WEEKS A.R.O.**

QTY.	ITEM NUMBER	DESCRIPTION	PRICE	TOTAL
1	P-1912	CEDAR FOREST PRODUCTS - CUSTOM BANDSHELL AS PER DRAWING #P-1912, 30' WIDE BY 24' DEEP, ROOF SLOPE IS 4/12. *COLUMNS: LAMINATED KILN-DRIED SOUTHERN YELLOW PINE, CCA TREATED FOR INGROUND INSTALLATION (EXISTING SLAB WILL HAVE TO BE DRILLED TO ACCOMMODATE COLUMNS) *ROOF DECKING: #1 - 2" X 6" SOUTHERN YELLOW PINE, TONGUE AND GROOVE WITH V-GROOVES ON FINISH FACE *FASCIA: #2 AND BETTER SOUTHERN YELLOW PINE, CCA TREATED *ROOFING: CLASS "A" FIBERGLASS SHINGLES WITH 20 YEAR WARRANTY, #15 FELT, STYLE "D" ROOF EDGE *BACK WALL: 5" X 8" - 5-PLY GLU- LAMINATED DECORATIVE GRADE INLAND RED CEDAR *MISCELLANEOUS: ALL NAILS AND FASTENERS NEEDED ABOVE GROUND SUPPLIED WITH BUILDING PACKAGE *CEDAR FOREST PRODUCTS WORKING DRAWINGS FURNISHED WITH ORDER. *****CONTINUED*****	\$24325.00	\$24325.00

SUBTOTAL: _____
 FREIGHT: _____
 6% SALES TAX: _____
 TOTAL: _____

QUOTE VALID FOR **30** DAYS BY: **GARRY HELMUTH**
 TO CONFIRM ORDER. PLEASE SIGN AND RETURN TO OUR OFFICE

SIGNATURE _____



DUE DATE: **06/14/96**

PRICE QUOTATION

QUOTE #: **9150 A**

DATE: **06/14/96**

SALESPERSON: **GARRY HELMUTH**

BILL TO:
THOMAS COMITTA ASSOCIATES, INC.
18 WEST CHESTNUT STREET
WEST CHESTER, PA 19380
ATTN: JEAN AKERS

SHIP TO:
PLEASE ADVISE

PROJECT NAME: **MARCUS HOOK, PA**
 TELEPHONE: **610 696-3896**
 CONTACT:

TERMS: **TO BE DETERMINED**
 TO BE SHIPPED: **COMMON CARRIER**
 F.O.B.: **DELIVERED**
 SHIP DATE: **4 TO 6 WEEKS A.R.O.**

QTY.	ITEM NUMBER	DESCRIPTION	PRICE	TOTAL
1		<p>*****CONTINUED*****</p> <p>***OPTIONS:</p> <p>"APPLETON, WISCONSIN" STYLE WING ROOM CONNECTED TO EACH SIDE OF #P-1912 BANDSHELL. WING ROOMS CONSTRUCTED OF 5" BY 8" 5-PLY GLU-LAMINATE. DECORATIVE GRADE INLAND RED CEDAR, #1 - 2" X 6" SOUTHERN YELLOW PINE, TONGUE AND GROOVE ROOF DECKING, INLAND RED CEDAR 2" X 8" FASCIA. ROOFING MATERIAL IS CLASS "A" 20 YEAR FIBERGLASS SHINGLES WITH #15 FELT AND STYLE "D" ROOF EDGE. EXTERIOR DOORS PRIMED 18 GAUGE METAL WITH 16 GAUGE METAL FRAME WITH DOUBLE CYLINDER LOCKS, PUSH PULL AND CLOSER. ALL FASTENERS AND NAILS SUPPLIED FOR ABOVE GROUND. EACH WING ROOM IS 8' WIDE AT FRONT, 4' WIDE AT REAR AND 20' LONG. EXISTING SLAB WOULD HAVE TO BE ENLARGED FOR WING ROOMS TO BE ADDED TO BANDSHELL. PRICE FOR BOTH - ADD TO BANDSHELL</p> <p>*****CONTINUED*****</p>	\$22850.00	

SUBTOTAL: _____
 FREIGHT: _____
 6% SALES TAX: _____
 TOTAL: _____

QUOTE VALID FOR

30 DAYS

BY: **GARRY HELMUTH**

TO CONFIRM ORDER. PLEASE SIGN AND RETURN TO OUR OFFICE

SIGNATURE _____



DUE DATE: **06/14/96**

PRICE QUOTATION

QUOTE #: **9150 B**

DATE: **06/14/96**

SALESPERSON: **GARRY HELMUTH**

BILL TO:
THOMAS COMITTA ASSOCIATES, INC.
18 WEST CHESTNUT STREET
WEST CHESTER, PA 19380
ATTN: JEAN AKERS

SHIP TO:
PLEASE ADVISE

PROJECT NAME: **MARCUS HOOK, PA**
 TELEPHONE: **610 696-3896**
 CONTACT:

TERMS: **TO BE DETERMINED**
 TO BE SHIPPED: **COMMON CARRIER**
 F.O.B.: **DELIVERED**
 SHIP DATE: **4 TO 6 WEEKS A.R.O.**

QTY.	ITEM NUMBER	DESCRIPTION	PRICE	TOTAL
1		*****CONTINUED***** SLIDING DOORS FOR REAR OF BANDSHELL TO CLOSE OFF OPENING. STEEL DOORS WITH CEDAR PANELING ATTACHED TO MATCH REAR INTERIOR OF BANDSHELL - ADD TO BANDSHELL PRICE	\$1950.00	
1		PA ENGINEER SEAL (ADD \$400.00 TO ABOVE BANDSHELL PRICE)		
1		COMBINATION SEAL AND CALCULATIONS (ADD \$720.00 TO ABOVE BANDSHELL PRICE)		
		***ADD PA SALES TAX IF APPLICABLE. ***PRICING INCLUDES SHIPPING CHARGES. PRICING DOES NOT INCLUDE UNLOADING, STORAGE, ASSEMBLY, ERECTION OR INSTALLATION OF BUILDING PACKAGE.		

SUBTOTAL: _____
 FREIGHT: _____
 6% SALES TAX: _____
 TOTAL: _____

QUOTE VALID FOR

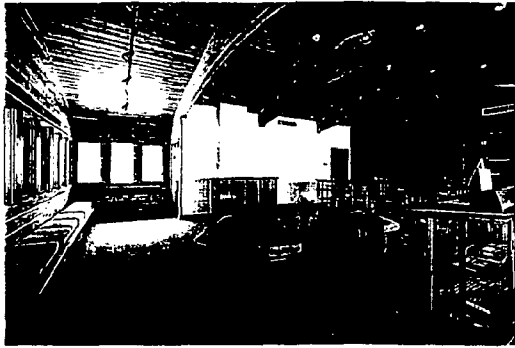
30 DAYS

BY: **GARRY HELMUTH**

TO CONFIRM ORDER. PLEASE SIGN AND RETURN TO OUR OFFICE

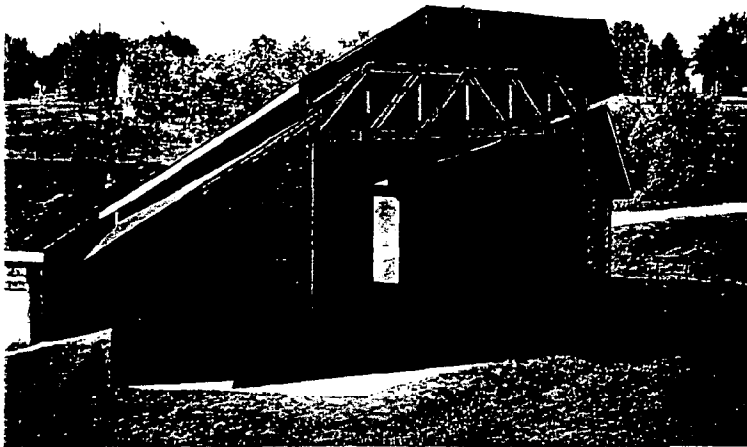
SIGNATURE _____





**Cedar Rock Visitor Center
Quasqueton, Iowa**

This tribute to America's legendary architect, Frank Lloyd Wright, is characterized by low profile and horizontal expression. The single low pitch structure features continuous timbers, a long deck and a band of windows, capturing the closeness Wright felt with nature.



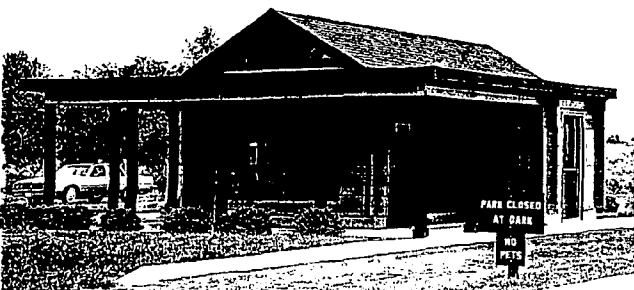
**Bandshell
Appleton, Wisconsin**

The fan-shape, close-in wing and dramatic, 40' free-span truss put this Cedar Forest bandshell in perfect harmony with its natural surroundings.



**John Deere Historic Site
Grand Detour, Illinois**

Designed by the Deere Company and crafted by Cedar Forest, this picnic pavilion features rugged timber trusses and rustic cedar paneling. Local tradesmen helped build it. A picturesque setting for tourists to appreciate the history around them.



**Thousand Islands State Park
Plattsburgh, New York**

Cedar Forest adapted the Park's original drawings for this building, and directed the interdepartmental efforts of Parks, Recreation and Historic Preservation, speeding approval and construction. A model of cooperation between public and private sectors.

Figure 4. \ Bandshell Photo From Catalogue

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