

PERMIT

CITY OF NAPOLEON, OHIO — DEPT. OF BUILDING & ZONING
255 W. Riverview Avenue, Napoleon, Ohio 43545 (419) 592-4010

325
RIVERVIEW

567

Permit No. _____ Date Feb. 8, 1983

Job Location St. Rt. 424 East, Perry St. Valuation \$ 6,883.00

Owner United Telephone Service Address P.O. Box 3555, Mansfield, Ohio

Contractor McDonald Construction Name Telephone No. 782-0786

Address 1826 Spruce St., Defiance, Ohio

Electric Contractor _____

Plumbing Contractor _____

Mechanical Contractor _____

This permit is issued for work described in the plans, specifications, and/or application submitted, as approved by the Building Commissioner of the City of Napoleon, Ohio. Work shall conform to all pertinent construction and land use Codes and Ordinances.

Work Information:

Residential _____ No. dwelling units _____ Commercial _____ X _____ Industrial _____

New Construction _____ X _____ Addition _____ Remodel _____

Brief Description of Work metal building, structural frame

ISSUED BY Richard G. Grogan Building Official DEPT. OF BUILDING & ZONING

It is the owners or contractors responsibility to call the Building Department for the following (X) inspections:

- Footing excavation prior to placing concrete.
- Footing drains and foundation prior to backfill.
- Prepared sub-grade prior to placing concrete floor slab.
- Sanitary sewer
- Rough-in electrical, plumbing and service framing prior to installing wall board.
- Final electrical, plumbing and heating.
- Final building inspection, prior to occupancy.

PERMIT & FEES

Building Permit \$ 40.25

Electrical Permit \$ _____

Plumbing Permit \$ _____

Mechanical Permit \$ _____

Demolition Permit \$ _____

Zoning Permit \$ _____

Sign Permit \$ _____

Water Tap \$ _____

Sewer Tap \$ _____

Temp. Elec. \$ _____

Other \$ _____

TOTAL FEES \$ 40.25

LESS FEES PAID \$ -0-

BALANCE DUE \$ 40.25

MAR 9 1983

Permit is not valid until all fees are paid in full, and shall be void if work is not started within six months of date above.

CITY OF NAPOLEON

White-Building Department

Yellow-Applicant

Pink-Clerk-Treasurer

Green-County Auditor

Gold-Inspector

BUTLER MAFC
NEW METAL BLDG.
FLOOR TO BE 6" ABOVE
GROUND AT HIGHEST
ELEVATION

FROST WALL 2' 8" DEEP

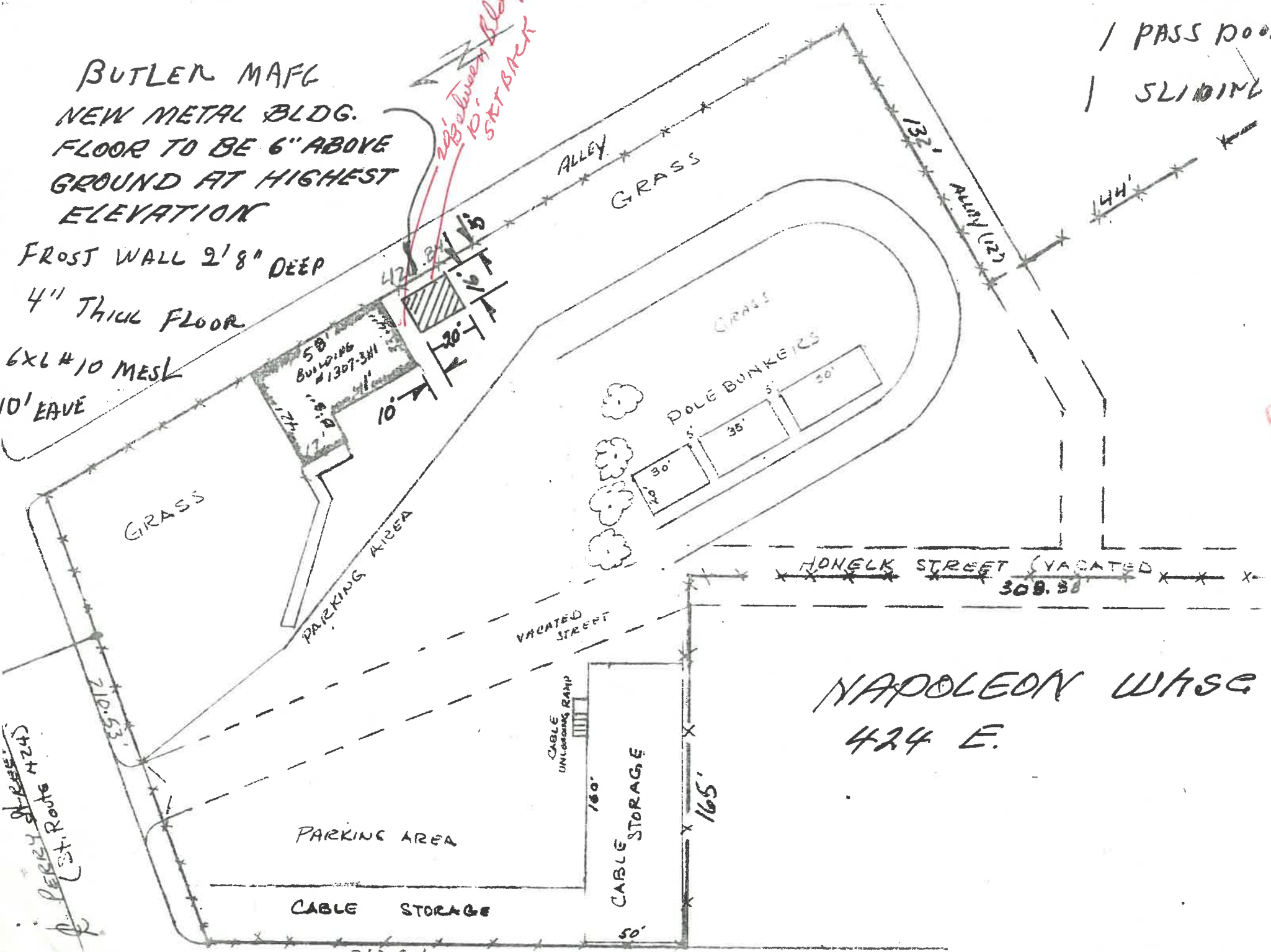
4" THICK FLOOR

6x6 #10 MESH

10' EAVE

28' between Bldg
10' STRIP BACK

1 PASS DOOR
1 SLIDING



PERRY ST. (EST. R. 100' to 424)

NAPOLEON WHSE
424 E.

CF



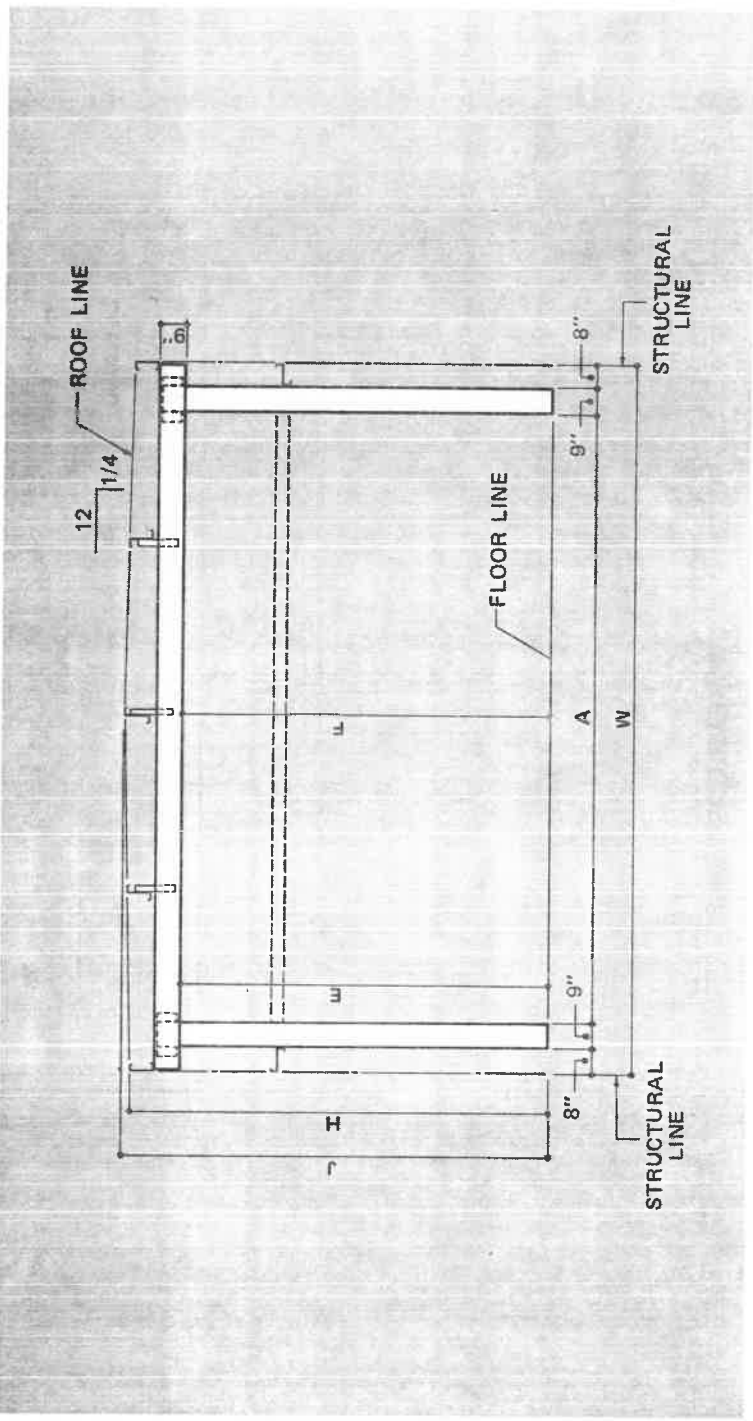


TYPE PRE-I

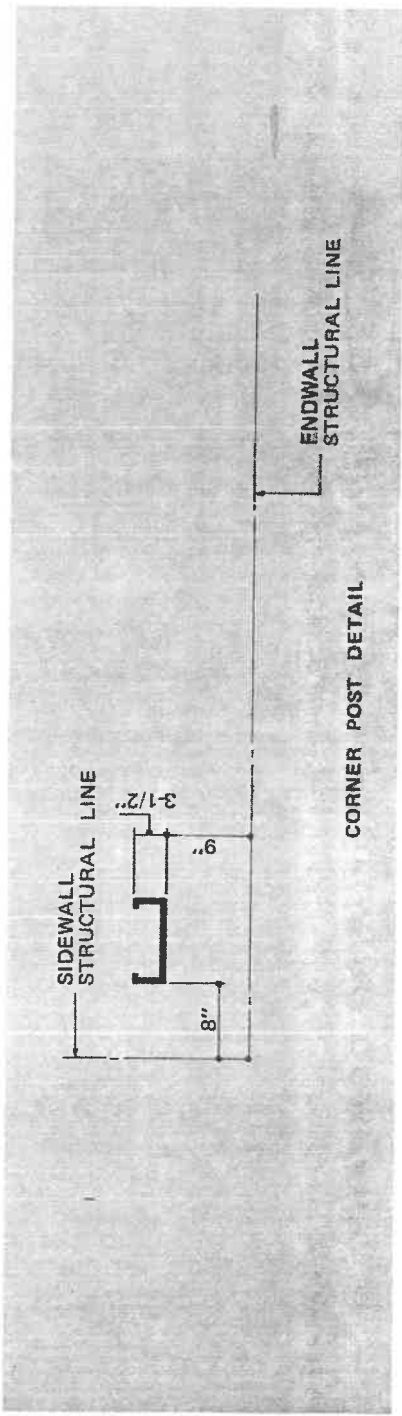
Frame

WIDESPAN
STRUCTURAL SYSTEM

ENDWALL STRUCTURAL



NOMINAL SIZE	WIDTH W	EAVE HEIGHT		A	RIDGE HEIGHT	
		20LL	30/40LL		20LL	30/40LL
		H	H		J	J
1008	10'	7'-10"	7'-11-1/2"	7'-2"	7'-11-1/4"	8'-0-3/4"
1010	10'	9'-8"	9'-9-1/2"	7'-2"	8'-9-1/4"	9'-10-3/4"
1510	15'	9'-8"	9'-9-1/2"	12'-2"	9'-9-7/8"	9'-11-3/8"
1512	15'	11'-8"	11'-9-1/2"	12'-2"	11'-9-7/8"	11'-11-3/8"
2010	20'	9'-8"	9'-9-1/2"	17'-2"	9'-10-1/2"	10'-0"
2012	20'	11'-8"	11'-9-1/2"	17'-2"	11'-10-1/2"	12'-0"



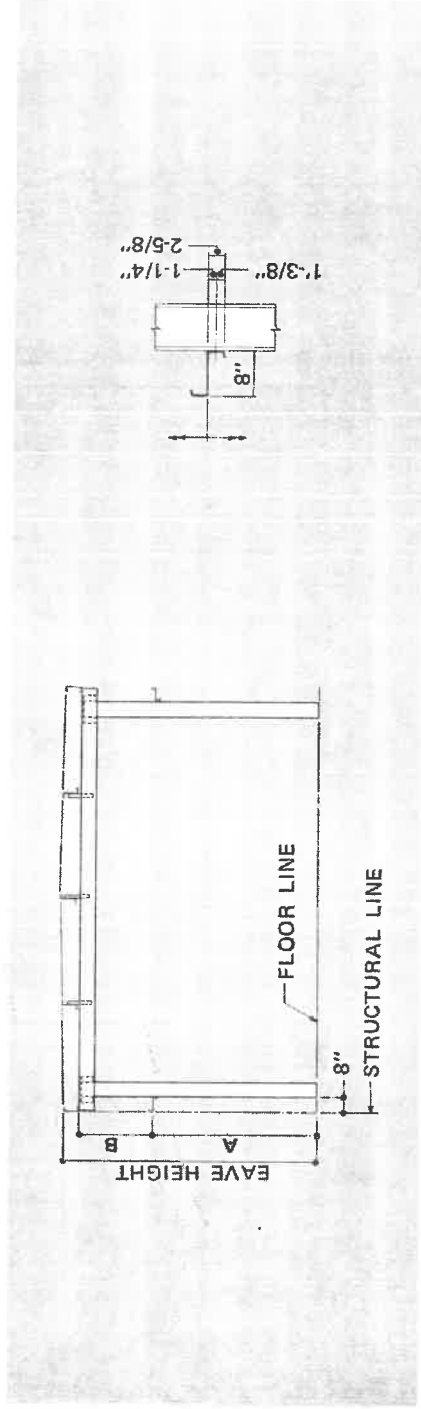


TYPE **P-F-II** Panel frame

WIDESPAN STRUCTURAL SYSTEM

GIRT LOCATION CHART

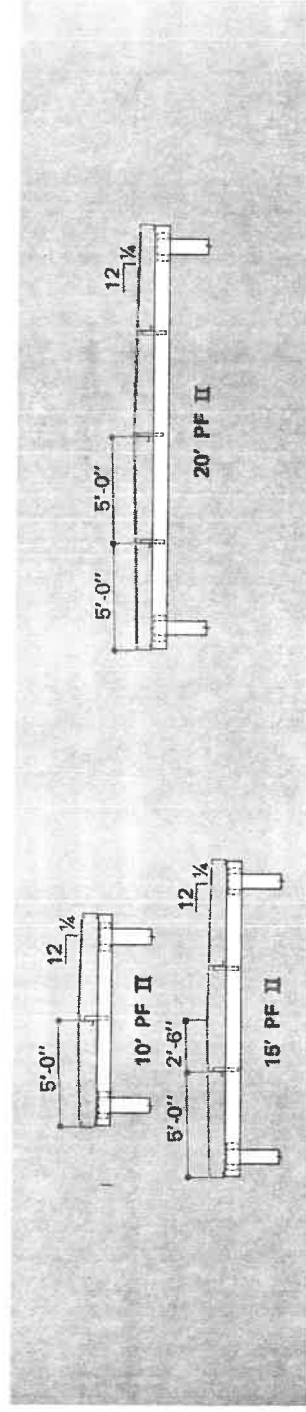
BAY LENGTHS	Simple span girts and purlins : 20' and 25'. Factory pre-punched for panel-to-structural fasteners.
BUILDING LENGTH	Single bay length only : 20' or 25'.
PANELS	Butlerrib II roof and wall panels.



DIMENSIONS				
EAVE HEIGHT	GIRT SPACE	20 # WIND LOAD	25 # WIND LOAD	25 # WIND LOAD SBCC-C
8'	A	Girts not req'd.	3'-0"	3'-0"
	B		4'-2"	4'-2"
10'	A		7'-6"	7'-6"
	B		1'-6"	1'-6"
12'	A		7'-6"	7'-6"
	B		3'-6"	3'-6"

Endwall Girts are located on the same vertical spacing increments as Sidewall Girts.

PURLIN LOCATION CHART



BUTLER MANUFACTURING COMPANY

BMA Tower • P.O. Box 917 • Kansas City, Missouri 64141

PF II SPECIFICATIONS

I. GENERAL

- A. The PF II structural system shall consist of one 20 foot or 25 foot bay. Endwall columns and roof beams shall be 9 inches deep cold rolled channels. Roof panels shall be continuous from eave strut to eave strut.
- B. Actual building length shall be structural line to structural line and shall be the same as nominal.
- C. Actual building width shall be structural line to structural line and shall be the nominal building width.
- D. The roof shall have a $\frac{1}{4}$ " in 12" slope.
- E. All components and parts of the structural system shall be as indicated in the PF II erection manual and/or specifications.

1. All components and parts shall be erected as indicated in the erection manual.
2. The erection manual shall carry the stamp of a registered professional engineer.

F. Field modification of parts shall be in accordance with the best standard procedures and shall be the responsibility of the building erector.

G. Foundations

1. a. Foundations shall be adequately designed by a competent engineer, retained by other than the building manufacturer, in accordance with the best recommended practices for the specific soil conditions of the building site.
- b. All reactions for the proper design of foundations shall be supplied by Butler Manufacturing Company.
2. a. Anchor bolts shall be as specified in the erection manual.
- b. Anchor bolts shall be supplied by the contractor, not the building manufacturer.

II. STRUCTURAL STEEL DESIGN

- A. All cold-formed steel structural members shall be designed in accordance with the 1966 edition of AISI "Specification for the Design of Cold-Formed Steel Structural Members."
- B. The following design criteria shall be followed in the design of the PF II structural system:

1. **20 LL OR 15 WL SBC-I** — Designed to meet the Southern Standard building code — Inland Region, 1973 edition.

- a. Roof Live Load — 20 pounds per square foot on horizontal projection.
- b. Wind Load — 15 pounds per square foot on vertical projection.
- c. Roof Live Load and Wind Load shall not be combined.

2. **20 LL OR 20 WL** — Designed to meet:

- a. Roof Live Load — 20 pounds per square foot on horizontal projection.

OR

Wind Load — 20 pounds per square foot applied to the rigid frame as specified in the "Recommended Design Practices Manual" of the "Metal Building Manufacturers Association," 1971 edition.

- b. Roof Live Load and Wind Load shall not be combined.
3. **20 LL OR 25 WL** — Designed to meet the Southern Standard building code — Coastal Region, 1973 edition.

- a. Roof Live Load — 20 pounds per square foot on horizontal projection.

OR

Wind Load — 25 pounds per square foot applied to the rigid frame as specified in the "Recommended Design Practices Manual" of the "Metal Building Manufacturers Association," 1971 edition.

- b. Roof Live Load and Wind Load shall not be combined.

4. **30 LL AND/OR 20 WL** — Designed to meet:

- a. Roof Live Load — 30 pounds per square foot on horizontal projection.

PLUS/OR

Wind Load — 20 pounds per square foot applied to the rigid frame as specified in the "Recommended Design Practices Manual" of the "Metal Building Manufacturers Association," 1971 edition.

5. **30 LL OR 25 WL** — Designed to meet:

- a. Roof Live Load — 30 pounds per square foot on horizontal projection.

OR

Wind Load — 25 pounds per square foot applied to the rigid frame as specified in the "Recommended Design Practices Manual" of the "Metal Building Manufacturers Association," 1971 edition.

- b. Roof Live Load and Wind Load shall not be combined.

6. **40 LL AND/OR 20 WL** (Only for 20 foot bays without overhang) — Designed to meet:

- a. Roof Live Load — 40 pounds per square foot on horizontal projection.

PLUS/OR

Wind Load — 20 pounds per square foot applied to the rigid frame as specified in the "Recommended Design Practices Manual" of the "Metal Building Manufacturers Association," 1971 edition.

III. ENDWALL STRUCTURALS

Endwall frames shall consist of endwall posts and endwall roof beams as required by design criteria.

- A. All base clips shall be shop fabricated complete with bolt connection holes.
- B. Columns and beams shall be shop fabricated complete with holes for the attachment of secondary structural members.

IV. SECONDARY STRUCTURAL MEMBERS

- A. Purlins and Girts

1. Purlins and girts shall be "Z" shaped, precision roll formed.
2. Girts shall be 8" deep "Z" sections.



SPECIFICATIONS

PF II

3. Purlins for 20# live load buildings shall be 8" deep "Z" sections. V. **WELDING**
4. Purlins for 30# and 40# live load buildings shall be 9½" deep "Z" sections. A. Welding procedure and operator qualifications and welding quality standards shall be in accordance with the American Welding Society structural welding code. Inspection other than visual inspection as defined by AWS paragraph 8.15.1, shall be identified and negotiated prior to bidding.
5. Outer flange of all girts and purlins shall contain factory punched holes for panel connections. B. Certification of welder qualification shall be supplied when requested.

B. Eave Struts

VI. STRUCTURAL PAINTING

1. Eave struts for 20# live load buildings shall be 8" deep "C" shaped cold formed members. A. Prior to painting, the fabricator shall clean the steel of loose rust, loose mill scale, dirt, and other foreign material. Unless otherwise specified the fabricator shall not sandblast, flame clean, or pickle prior to painting. The fabricator shall then factory coat all steel with one coat of primer paint formulated to equal or exceed the performance requirements of Federal Specification TT-P-636.
2. Eave struts for 30# and 40# live load buildings shall be 9½" deep "C" shaped cold formed members.
- C. **Bracing**
- Bracing shall be located as indicated in the erection manual. B. The shop coat of paint is a primer and is intended to protect the steel for a short period of exposure. Subsequent finish painting, if required, is to be performed in the field by others.

PF II

SPECIFICATIONS



Form No. 3552W-11-80

© 1980, BUTLER MANUFACTURING COMPANY
Butler Building Products are constantly being improved; therefore, the information contained herein is subject to change without notice. Before finalizing project details, contact your nearest Butler Builder® or Butler Manufacturing Company for latest information.

Butler Manufacturing Co.
Printed in U. S. A.