

CITY OF NAPOLEON - BUILDING DEPARTMENT
 255 West Riverview Avenue, Napoleon, Ohio 43545 - 419-592-4010

Permit No. 40-78 Issued 4/5/78
date
 Job Location 1322 Woodlawn Ave.
address
 Lot in NE 1/4 Sec. 14 Nap. Twp.
sub-div or legal discript
 Issued By *R. H. Sonnenberg*
building official
 Owner Bernicke's Super Value 592-2766
name tel.
 Address 1322 Woodlawn Ave.
 Agent Germann Builders 592-1806
builder-eng.-etc. tel.
 Address 128 E. Maumee Ave.
 Description of Use Canopy at Supermarket

Residential _____
no. dwelling units
 Commercial XX Industrial _____
 New XX Add'n. _____ Alter _____ Remodel _____
 Mixed Occupancy _____
 Change of Occupancy _____
 Estimated Cost \$ 2,100.00

FEE	BASE	PLUS	TOTAL
<input checked="" type="checkbox"/> BUILDING	\$35.00	---	\$35.00
<input type="checkbox"/> ELECTRICAL			
<input type="checkbox"/> PLUMBING			
<input type="checkbox"/> MECHANICAL			
<input type="checkbox"/> DEMOLITION			
<input type="checkbox"/> ZONING			
<input type="checkbox"/> SIGN			
WATER TAP			
SEWER TAP			
TEMP. ELECT.			
ADDITIONAL PLAN REVIEW	Struct. _____ hrs Elect. _____ hrs		
TOTAL FEES			\$35.00
LESS MIN. FEES PAID	<u>4/5/78</u> <small>date</small>		35.00
BALANCE DUE			-0-

ZONING INFORMATION
 n/a

district	lot dimensions	area	front yd	side yds	rear yd
max hgt	no pkg spaces	no ldg spaces	max cover	petition or appeal req'd	date appr

WORK INFORMATION:

Size: Length 40' Width 6' Stories n/a Ground Floor Area n/a
 Height 9'7 1/2 Building Volume (for demo. permit) _____ cu. ft.
 Electrical: n/a
brief description
 Plumbing: n/a
brief description
 Mechanical: n/a
brief description
 Sign: n/a Dimensions _____ Sign Area _____
type

Additional Information: Shall comply with all applicable codes.

Date 5/12/78 Applicant Signature *Arthur W. Hermann*
owner-agent

CITY OF NAPOLEON

Engineering Department

APPLICATION FOR

STRUCTURAL PLAN APPROVAL

(Please Print or Type)

DO NOT WRITE WITHIN BOXED AREA.
FOR ENGINEERING OFFICE USE ONLY.

App. No. 40-78

Date Received 4-5-78

Received By B.C.W.

Estimated Cost 2100⁰⁰

Minimum Fees

A. Structural 35⁰⁰

B. At Per 100 Ft.²

A. plus B. \$35.00

3. Plans Prepared By:

A. Architect

B. Engineer

C. Other

1. Owner's Name Bernicke's Super Vg/v

Address 1322 Woodlawn

Tel.

2. Owner's Agent or Submitter

Germaan Builders

Address 128 E. Maumee

Tel.

4. Name of Job and Description of Building, Store, Church, Etc.

Store Front Canopy

5. Location of Project: 1322 Woodlawn Zone:

Lot # Subdivision Section

Yard Set Back: Front Rear

Side Side

6. Building Information:

Commercial Industrial New Construction

Addition Remodel

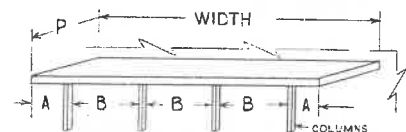
Size: Length Width No. of Stories

Total Square Ft. Per Floor

7. Additional Information:

Signature of Applicant Arthur W. Germaan Date 4/7/78

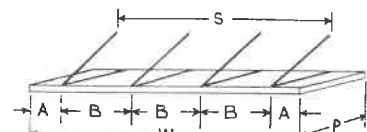
HASTINGS STRUCTURAL ROOF SYSTEMS



MAXIMUM SPACING OF COLUMNS

LIVE LOAD LL LB/S.F.	PROJECTION P FEET	ROOF PANELS THICKNESS T INCHES	MAXIMUM SPAN B FT. IN.	MAXIMUM OVERHANG A FT. IN.	
20	4	.020	16-8	8-4	
	5	.020	14-8	7-4	
	6	.020	13-4	6-8	
	7	.020	12-8	6-4	
	8	.020	12-0	5-8	
	9	.020	11-4	5-4	
	10	.020	10-8	5-4	
	11	.025	10-0	5-0	
	12	.025	9-4	4-8	
	13	.030	9-4	4-8	
	14	.036	8-8	4-4	
	30	4	.020	13-4	6-8
		5	.020	12-0	6-0
		6	.020	11-4	5-4
7		.020	10-0	5-0	
8		.020	9-4	4-8	
9		.025	8-8	4-4	
10		.025	8-8	4-4	
11		.030	8-0	4-0	
40	4	.020	11-4	6-0	
	5	.020	10-8	5-4	
	6	.020	9-4	4-8	
	7	.020	8-8	4-4	
	8	.025	8-8	4-0	
	9	.030	8-0	3-8	
10	.036	7-4	3-8		

EXAMPLE: 40' WIDE UNIT — 10' PROJECTION — 20 LB. LOAD
Above chart shows 10'8" maximum span with 5'4" overhangs.
40' unit would have 3 — 10'8" spans with 4'0" overhangs.
Four columns required.

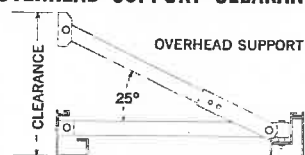


MAXIMUM SPACING OF OVERHEAD SUPPORT BRACKETS

LIVE LOAD LL LB/S.F.	PROJECTION P FEET	ROOF PANELS THICKNESS T INCHES	MAXIMUM SPAN B FT. IN.	MAXIMUM OVERHANG A FT. IN.	
20	4	.020	16-0	8-4	
	5	.020	14-8	7-4	
	6	.020	13-4	6-8	
	7	.020	12-0	6-4	
	8	.020	11-4	5-8	
	9	.020	10-8	5-4	
	10	.020	10-8	5-4	
	11	.025	8-0	4-0	
	12	.025	6-0	2-8	
	30	4	.020	13-4	6-8
		5	.020	12-0	6-0
		6	.020	10-8	5-4
7		.020	10-0	5-0	
8		.020	9-4	4-8	
9		.025	8-8	4-4	
10		.025	7-4	3-8	
11		.030	5-4	2-8	
40	4	.020	11-4	6-0	
	5	.020	10-0	5-4	
	6	.020	9-4	4-8	
	7	.020	8-0	4-4	
	8	.025	7-4	4-0	
	9	.030	7-4	3-8	
	10	.036	5-4	3-8	

EXAMPLE: 50' WIDE UNIT — 10' PROJECTION — 30 LB. LOAD
Above chart shows 7'4" maximum span with 3'8" overhangs.
50' unit would have 6 — 7'4" spans with 3'0" overhangs.
Seven overhead supports required.

OVERHEAD SUPPORT CLEARANCE



PHYSICAL & MECHANICAL PROPERTIES

METAL TYPE	THICKNESS	ALLOY	MECHANICAL PROPERTIES				ALLOWABLE STRESS		PHYSICAL PROPERTIES		
			TENSILE	YIELD	ELONGATION	REDUCTION OF AREA	TENSION	COMPRESSION	MOMENT OF INERTIA	SECTION MODULUS	WT. PER FOOT
			PSI	PSI	%	PSI	PSI	IN ⁴	IN ³	IN ²	LB
16" WIDE ALUMINUM ROOF PANEL	.020"	3003-H16	24,000	21,000	19,000	10270	8300	0.507	0.280	0.352	0.500
	.025"	3004-H34	32,000	25,000	23,000	12500	10750	0.633	0.350	0.438	0.750
	.030"	3004-H34	32,000	25,000	23,000	12500	10775	0.760	0.420	0.525	1.000
	.036"	3004-H34	32,000	25,000	23,000	12500	10800	0.912	0.502	0.629	1.250
GUTTER FASCIA		6063-T6	30,000	25,000	25,000	12000	9000	4.700	1.400	2.160	1.400

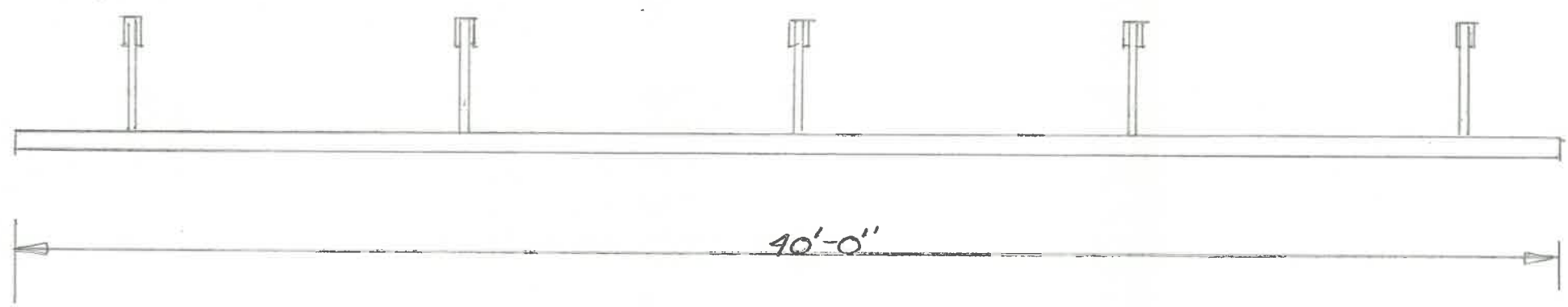
HEIGHT	CLEARANCE
4'	28"
5'	33 3/4"
6'	39 1/4"
7'	44 3/4"
8'	50 5/8"
9'	56 5/8"
10'	61 5/8"
11'	67"
12'	72 1/4"

ALLOWABLE STRESSES FOR ALL ROOF AND FASCIA SECTIONS ARE BASED ON A SAFETY FACTOR OF 1.85 OF MINIMUM YIELD STRENGTH OF THE MATERIAL.

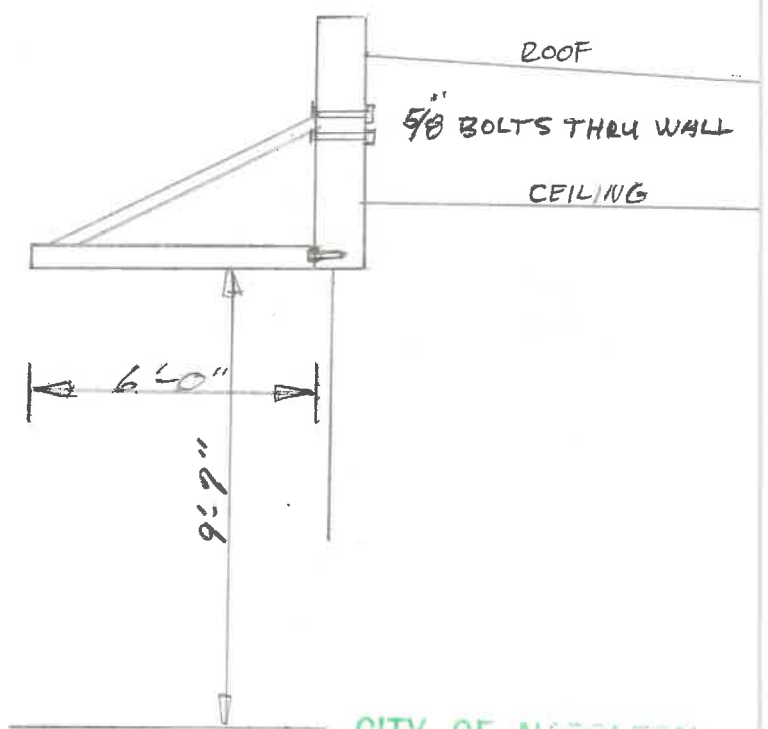
DRAINAGE — Water can be drained from residential canopies and commercial marquee through the supporting post columns or by standard rain carrying equipment connected to the front or back gutter. The Hastings Drainage Package includes 1 — 10' Conductor, 1 — Elbow, 1 — Outlet and 2 Conductor Bracket Assemblies. Conductor, White or Mill Finish.

HASTINGS ALUMINUM PRODUCTS, INC.
HASTINGS, MICHIGAN

GERMANN BUILDERS
128 East Maumee Ave.
Napoleon, Ohio 43545



1/4" = 1'-0"



CITY OF NAPOLEON
BUILDING DEPT.
Plan Approval
By *Red* Date 4-5-78

BERNICK E'S SUPER VALU
GERMANN BUILDERS
128 East Maumee Ave.
Napoleon, Ohio 43545

