

PURLINS ARE ATTACHED TO TRUSS WITH (1) 60d NAIL AT EACH PURLIN TO TRUSS LOCATION

ROOF TRUSS, SEE PLAN

—PREFINISHED STEEL PANEL

—2x8 TREATED SPLASH PLATE  
AT GRADE FASTENED WITH  
(2) 20d NAILS AT EACH  
POLE

—COMPACTED GRAVEL

—MULTI-PLY LAMINATED  
COLUMNS BOTTOM 6'-0" OF  
COLUMNS TREATED TO .60

**NOTE:**  
GRADE BOARD USUALLY  
LEVEL AROUND BUILDING  
USED TO ESTABLISH  
BUILDING HEIGHT

$$\frac{3/8"=1'-0"}{}$$

A diagram of a truss bridge section. It shows a horizontal beam with a vertical truss structure attached to its top. The vertical truss is labeled "TRUSS BRG." and has a circular support at the top. The horizontal beam has a section labeled "HEEL" with a double-headed arrow indicating its width. The beam is supported by three vertical arrows at the bottom.

2x6 CORNER BRACES  
INSTALLED AT TOP OF  
EACH CROSSING OF THE  
SIDE/END GIRTS WITH (2)  
10D NAILS AT EACH BRACE  
TO GIRT LOCATION

Diagram illustrating a truss structure. The structure consists of a square frame with two diagonal members labeled "TRUSS". A vertical chord is labeled "2x6 CROSS BRACING AT VERTICAL CHORDS WITH (2) 20d NAILS".

ROOF TRUSS, SEE PLAN

TRUSS BRG

EL SEE ARCH

2x6 BLOCKING IN/ILL AS NEEDED

LINTEL SEE PLAN

TOP OF DOOR

EL SEE ARCH

MULTI-PLY COLUMN SEE PLAN

HANGER BY TRUSS MFR

GIRDER TRUSS SEE PLAN

FLOOR TRUSS SEE PLAN

HANGER AND CONNECTION BY TRUSS SUPPLIER

FN. FR. EL. VERIFY

3/8"=1'-0"

Technical drawing of a roof truss section. The drawing shows a cross-section of a roof structure with various components labeled and dimensioned.

- Roof Purlins:** Indicated by a curved arrow pointing to the horizontal members at the top of the truss, labeled "ROOF PURLINS SEE PLAN".
- Truss Bracing:** A vertical member is labeled "TRUSS BRG" with a dimension of "EL. = 120'-0\"".
- 2x4 Brace:** A diagonal member is labeled "2x4 BRACE ACROSS BOTTOM CHORD AT EACH POLE".
- 2x6 Fascia Board:** A horizontal member at the bottom is labeled "2x6 FASCIA BOARD".
- Dimensions:** A dimension line at the top left indicates a width of "1'-6\"".

3/8"

1'-6"

1/2"

TRUSS BRG

EL. = 120'-0"

PRECASTED STEEL PANEL

ROOF PURLINS SEE PLAN

(4) 1" DIA. GRK RSS OR EQUIVALENT

OUTSIDE GIRTS, SEE 4/53

TRUSS BRG  
EL. = 120'-0"

—2x4 BRACE ACROSS  
BOTTOM CHORD AT  
EACH POLE

—2x6 FASCIA BOARD

—OUTSIDE GIRTS, SEE 4/S3

Diagram illustrating the elevation view of a roof truss assembly. Key components and dimensions shown include:

- Roof Purlins:** Indicated by the label "ROOF PURLINS SEE PLAN".
- Prefinished Steel Panel:** The main roof covering.
- Eave Trim:** The trim at the roof edge.
- Truss BRG:** Truss bracing.
- Dimensions:**
  - A vertical dimension of  $1'-6"$  is shown.
  - A circular detail shows a  $\frac{5}{8}$  inch diameter hole with a  $35^\circ$  angle.
  - A horizontal dimension of  $4"$  is shown.
  - A vertical dimension of  $120'-0"$  is shown.
- Notes:**
  - (4)  $1"$  DIA. GRK RSS OR EQUIVALENT

Technical drawings of SWP8 SERIES pipe sections. The top drawing shows a section with dimensions: 18" length, 13" height, 10" width, and 5" depth. The bottom drawing shows a section with dimensions: 18" length, 10" height, 10" width, and 5" depth. Both drawings include a 3/4" dimension for the top flange.

Part No.	Type	I.D.
SWP46	4" x 6" Post	3 1/4"
SWP66	6" x 6" Post	5 1/4"
SWP63	3 PLT x 6" Lamin Col	4 1/4"
SWP64	4 PLT x 6" Lamin Col	6 1/4"
SWP83	3 PLT x 8" Lamin Col	4 1/4"
SWP84	4 PLT x 8" Lamin Col	6 1/4"
SWP85	5 PLT x 8" Lamin Col	7 1/4"

C3  
COLUMN

3/8"=1'-0"

1'-6"

2x4 BRACE ACROSS  
BOTTOM CHORD AT  
EACH POLE

2x6 FASCIA BOARD

TRUSS BRG  
EL. = 120'-0"

OUTSIDE GIRTS, SEE 4/53

BRACE EACH POLE UNTIL  
FLOOR IS IN PLACE

EAVE TRIM

6  
S2

1'-6"

PREFINISHED  
STEEL PANEL

ROOF PURLINS  
SEE PLAN

1/2" DIA. GRS  
OR EQUIPMENT

TRUSS BRG  
EL. = 120'-0"

OUTSIDE GIRTS, SEE 4/53

BRACE EACH POLE UNTIL  
FLOOR IS IN PLACE

Technical drawing of a roof edge detail. The drawing shows a cross-section of the roof assembly. Key components and labels include:

- EAVE TRIM**: Located at the top edge of the roof.
- PREFINISHED STEEL PANEL**: The main roof covering.
- ROOF PURLINS SEE PLAN**: Structural members supporting the steel panel.
- TRUSS BRG**: Truss bearing, located at **EL.=120'-0"**.
- OUTSIDE GIRTS, SEE 4/53**: Members supporting the roof structure.
- 3/4" APA RATED TAG SHEATHING**: Sheathing material.
- FINISHED FLOOR EL.=SEE ARCH**: Reference to the finished floor level.
- FLOOR TRUSSES SEE PLAN**: Reference to the floor truss system.
- (4) 1" DIA. GRK RSS OR EQUIVALENT**: Grout rods.
- (2) 1 1/2 x 1 1/2" LVL LEADER WITH (3) 3/4 x 3" LUG BOLTS EACH COLUMN**: LVL leader and bolts.
- 6 S3**: Circular callout with a dimension of **1'-6"**.

[illegible]
$$\underline{3/8"=1'-0"}$$

4'-0" (MIN)

TREATED 2x6 ANCHOR  
CONCRETE FOOTING, SEE  
PLAN FOR SIZE

6" SUB BASE

FINISHED FLOOR  
EL. = 100'-0"

SPLASH PLATE AT GRADE.  
SEE 3/55  
CONCRETE SUB, SEE PLAN

PREFINISHED STEEL PANEL  
TREATED TO .60

MULTI-PLY LAMINATED COLUMNS  
BOTTOM 6'-0" OF COLUMNS

4'-0" (MIN)  
 TREATED 2x6 ANCHOR  
 CONCRETE FOOTING, SEE PLAN FOR SIZE  
 6" SUB BASE  
 FINISHED FLOOR  
 EL.=100'-0"  
 SPLASH PLATE AT GRADE, SEE 3/53  
 CONCRETE SLAB, SEE PLAN  
 PREFINISHED STEEL PANEL  
 MULTI-PLY LAMINATED COLUMNS BOTTOM 6'-0" OF COLUMNS TREATED TO 60  
 BRACE EACH JOINT UNTIL FLOOR IS IN PLACE

BRACE EACH JOINT UNTIL FLOOR IS IN PLACE.

MULTI-PLY LAMINATED COLUMNS  
BOTTOM 6'-0" OF COLUMNS  
TREATED TO .60

PREFABRICATED STEEL PANEL.

SPLASH PLATE AT GRADE.  
SEE 3/53

CONCRETE SLAB, BY OTHERS

6" SUB BASE

FINISHED FLOOR  
EL. = 100'-0"

4'-0" (MIN)

TREATED 2x6 ANCHOR  
CONCRETE FOOTING, SEE  
PLAN FOR SIZE

3/53

3/8"=1'-0"

0-1=8/c

1'-6"

5'-0"

5'-0" x 5'-0" x 1'-6" CONCRETE FOOTING w/3-#5 EW

TOP OF FOOTING EL.=96'-0"

STURDY WALL PLUS SHIPS SERIES STEEL PANELS SET IN PLASTER AND SCHEDULE INSTALLED PER MANUFACTURERS INSTRUCTIONS AT DOCK WALL

CONCRETE SLAB, BY OTHERS

FINISHED FLOOR EL.=100'-0"

MULTI-PLY LAMINATED COLUMNS BOTTOM 6'-0" OF COLUMNS TREATED TO .80

OUTSIDE GIRTS, SEE 4/53

PREFINISHED STEEL PANEL

1

5 SERIES  
3 - SEE PLAN AND  
MANUFACTURERS  
ALL

Date: 08-11-17  
Project No.: 17542

CITYVIEW ELECTRIC OFFICE  
60'x100' & ~~40'x60'~~ BLDG.  
14309 LAKE DRIVE NE  
COLUMBUS, MN 55025

## SECTIONS AND DETAILS

[illegible]

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I hereby certify that the report was prepared by me or under my direct supervision and that I am a duly Licensed ENGINEER under the laws of the state of MINNESOTA

*[Signature]*

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