

SECTION 1-1
(EXPLODED VIEW)
SCALE 1"=1'

TRUSS MEMBERS

- Ⓐ 2 - 14'-6" 5I x 10
- Ⓑ 2" x 1" x 3/8" STEEL OR ALUMINUM CHANNEL OR ZEE PURLINS SPACED APPROX. 2'-0" o.c. DO NOT CUT PURLINS (LAP ENDS), DOUBLE AND LOCATE AS SHOWN FOR LAP ON 7 1/2' AND 8' SHEETS OF 2 1/2" CORRUGATED METAL ROOFING.
- Ⓒ 2 - 10'-9" 5I x 10 ANGLED AT BOTH ENDS ACCORDINGLY
- Ⓓ 2 - 6'-2" 5I x 10 ANGLED AT BOTH ENDS ACCORDINGLY
- Ⓔ 2 - 8'-4" 5I x 10 ANGLED AT BOTH ENDS ACCORDINGLY.

CONCRETE COLLAR 3" MIN.
FROM EDGES OF COLUMN
FLANGE AND 6" FROM BOTTOM.
COARSE GRAVEL FILL
3" MINIMUM.

1 - 9'-8 1/2" 5I x 10 CONNECTED TO COLUMNS BY 4" x 3" x 1/4" ANGLES AT END BAYS ONLY. CENTER 2'-10" BELOW TOP OF COLUMN.

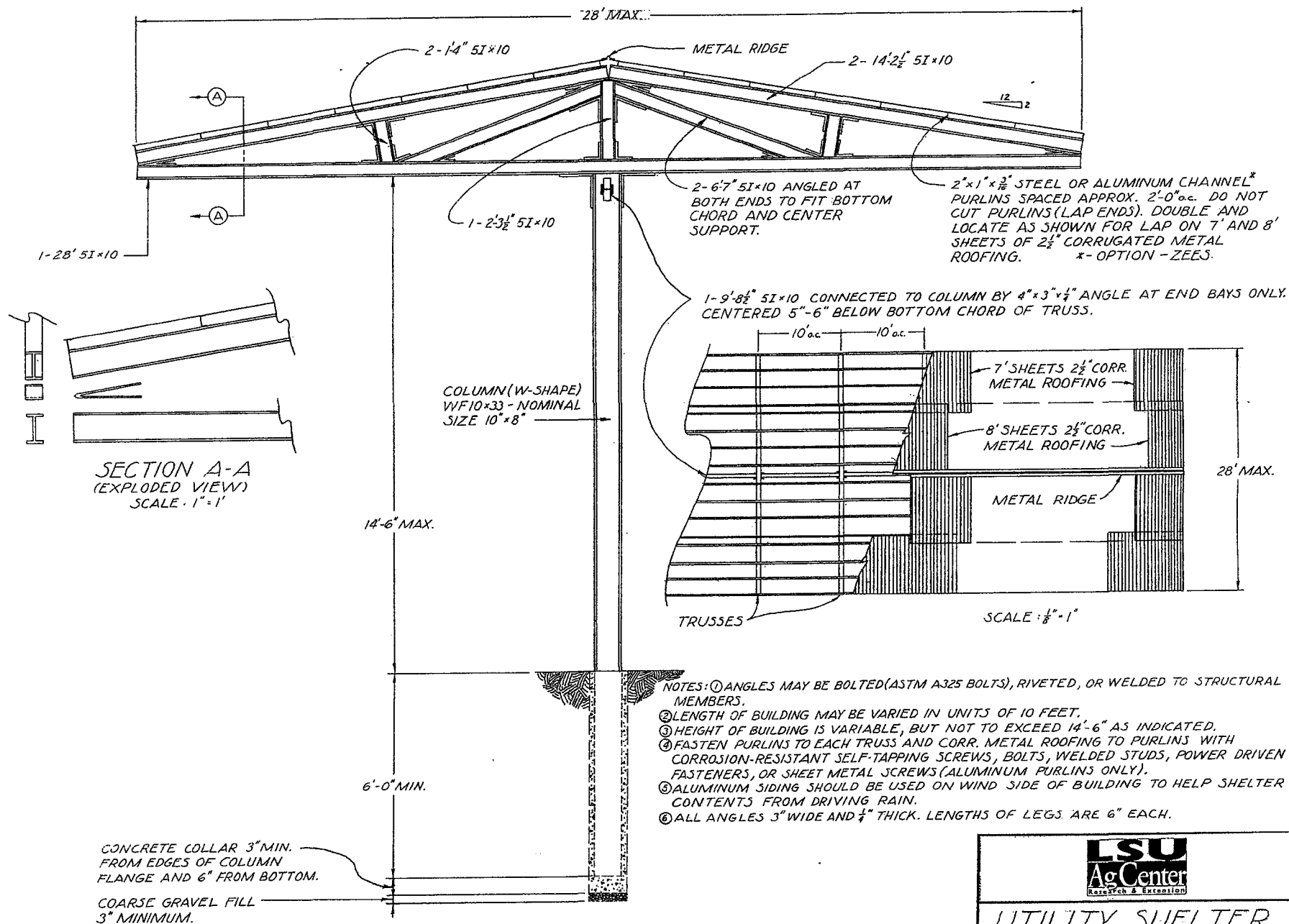
SCALE: 1/8"=1'

- NOTES: ① ANGLES MAY BE BOLTED (ASTM A325 BOLTS), RIVETED, OR WELDED TO STRUCTURAL MEMBERS.
- ② LENGTH OF BUILDING MAY BE VARIED IN UNITS OF 10 FEET.
 - ③ HEIGHT OF BUILDING IS VARIABLE, BUT NOT TO EXCEED 14'-6" AS INDICATED.
 - ④ FASTEN PURLINS TO EACH TRUSS AND CORR. METAL ROOFING TO PURLINS WITH CORROSION-RESISTANT SELF-TAPPING SCREWS, BOLTS, WELDED STUDS, POWER DRIVEN FASTENERS OR SHEET METAL SCREWS (ALUMINUM PURLINS ONLY).
 - ⑤ ALUMINUM SIDING SHOULD BE USED ON WIND SIDE OF BUILDING TO HELP SHELTER CONTENTS FROM DRIVING RAIN.
 - ⑥ ALL ANGLES 3" WIDE AND 1/4" THICK. LENGTHS CAN BE MEASURED FROM PRINT.



UTILITY SHELTER

ENGINEER	PRP	SCALE: 1/2"=1" UNLESS NOTED
DRAWN BY	R. Page	SHEET 1 OF 2
TRACED BY	—	DATE 8-80 NO. 64-10



- NOTES: ① ANGLES MAY BE BOLTED (ASTM A325 BOLTS), RIVETED, OR WELDED TO STRUCTURAL MEMBERS.
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 ③ HEIGHT OF BUILDING IS VARIABLE, BUT NOT TO EXCEED 14'-6" AS INDICATED.
 ④ FASTEN PURLINS TO EACH TRUSS AND CORR. METAL ROOFING TO PURLINS WITH CORROSION-RESISTANT SELF-TAPPING SCREWS, BOLTS, WELDED STUDS, POWER DRIVEN FASTENERS, OR SHEET METAL SCREWS (ALUMINUM PURLINS ONLY).
 ⑤ ALUMINUM SIDING SHOULD BE USED ON WIND SIDE OF BUILDING TO HELP SHELTER CONTENTS FROM DRIVING RAIN.
 ⑥ ALL ANGLES 3" WIDE AND 1/4" THICK. LENGTHS OF LEGS ARE 6" EACH.

LSU AgCenter <small>Research & Extension</small>	
UTILITY SHELTER	
ENGINEER	PRP
DRAWN BY	R. Page
TRACED BY	-
SCALE	1/2" = 1' UNLESS NOTED
SHEET	2 OF 2
DATE	8-80
NO.	64-6

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.