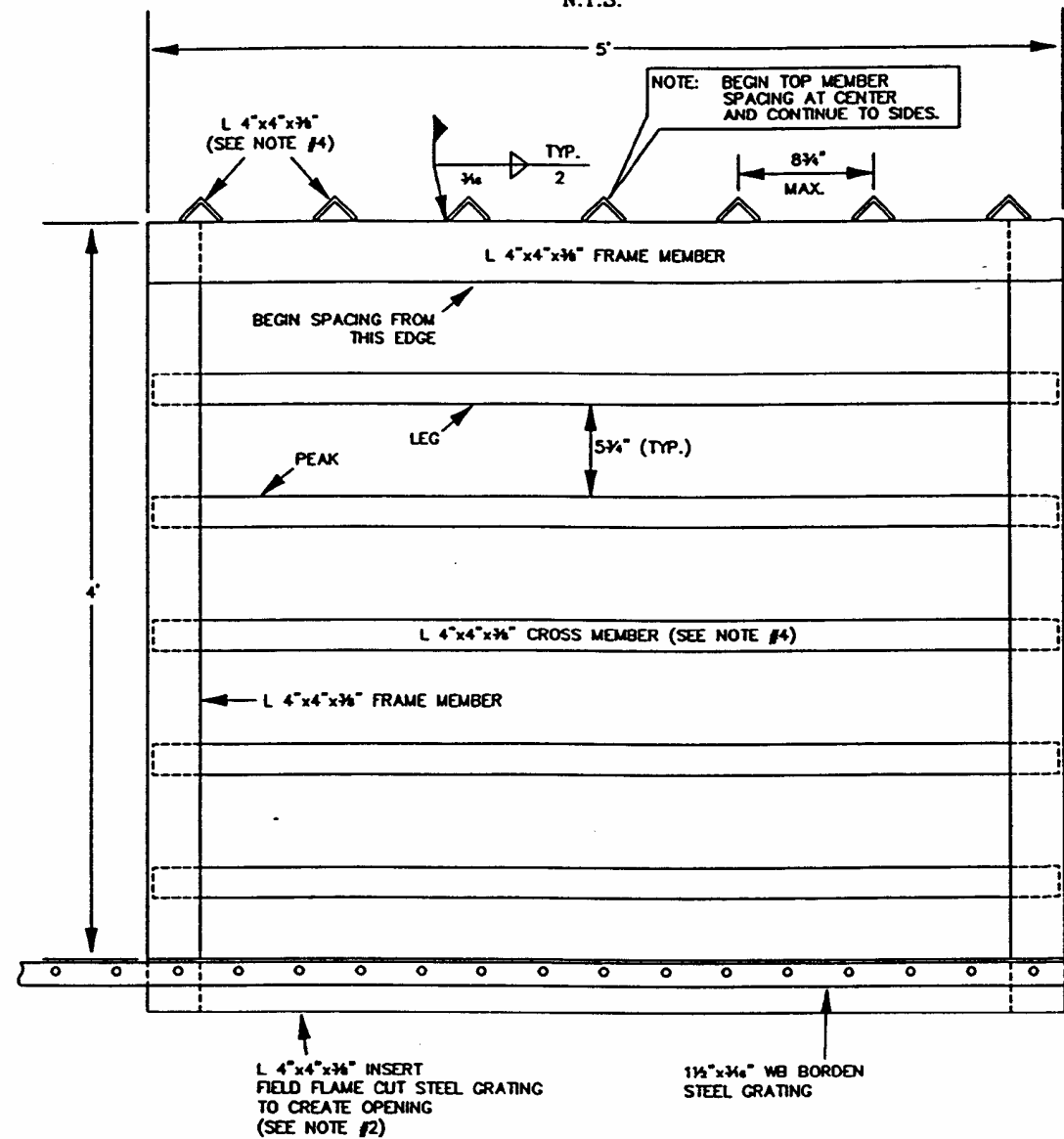


PRE-FABRICATED FOUR PANEL BAT ENTRY CUPOLA

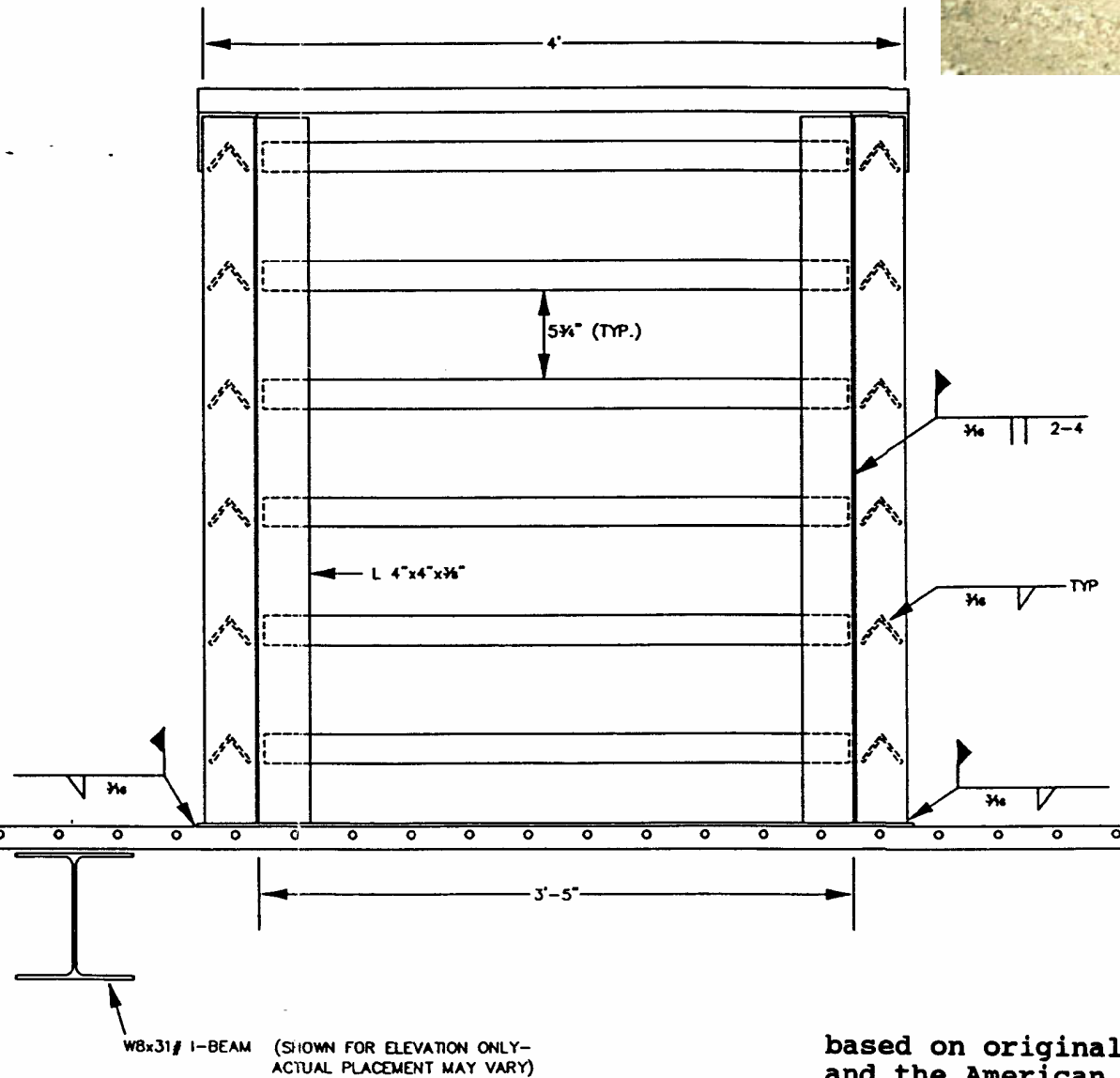
N.T.S.



FRONT PANEL N.T.S.



SIDE PANEL N.T.S.



NOTES:

- 1) SHOP FABRICATED PANELS TO BE ERECTED ON SITE.
- 2) PLACEMENT OF CUPOLA ON GRATED CLOSURE SHALL BE DIRECTED BY THE PROJECT MANAGER. ACTUAL HOLE CUT SHALL BE DETERMINED BY THE CUPOLA FOOTPRINT, LESS 3" ON ALL SIDES. FIELD FIT ANGLE IRON INSERTS TO GRATING.
- 3) ALL STRUCTURAL MEMBERS SHALL BE L 4"x4"x3/8" ANGLE STEEL AND MACHINE CUT, EXCEPT WHERE NOTED.
- 4) ALL CROSS MEMBERS SHALL BE FITTED WITH L 1 1/2"x1 1/2"x3/8" STIFFENERS, AS DEPICTED ON DRAWING #1.

based on original design by Roy Powers
and the American Cave Conservation Association

CAUTION- THIS PROJECT REQUIRES CONSTRUCTION WORK AROUND AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS OR THIN AND UNSTABLE LAYERS OF SURFICIAL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING HIS EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.

RAILROAD COMMISSION OF TEXAS
JAMES E. (JIM) NOCENT, Chairman
BARRY WILLIAMSON, Commissioner
MARY SCOTT HARRIS, Commissioner
SURFACE MINING AND RECLAMATION DIVISION
MELVIN B. BODGESS, P.E., Director

SCALE	NOT TO SCALE	DATE
DRAWN BY	T. WOOTTON	8/94
DESIGNED BY	S. TRUESDALE	8/94
CHECKED BY	S. WILEY	8/94
APPROVED BY	M. RHODES	8/94
REVISED BY		

DRAWING TITLE	DRAWING NO.
BIG BEND NATIONAL PARK AML PROJECT PRE-FABRICATED FOUR PANEL BAT ENTRY CUPOLA	6

REV.
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