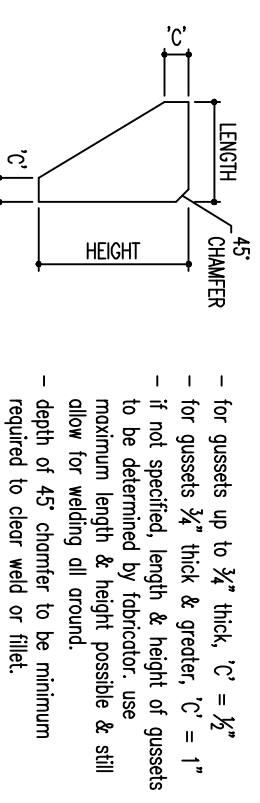


NOTES

- 1) Footing design based on soil conditions of medium stiff clay, or better, allowable soil pressure = 250 psf/ft. of depth). Notify Engineer if other than these soil conditions exist.
- 2) Contractor is responsible to verify all field conditions and existing member sizes as detailed on this drawing. Upon completion the sign structure shall be in compliance with all aspects of this drawing. Contractor is also responsible to notify Engineer of any discrepancies found.
- 3) This structure has been designed to support (2) 4,455 lb. Digital Boards (Daktronics Volo 4200 Series – 8 x 29 modules). Drawing shows (1) digital board & (1) static face. Verify with owner which side(s) digital board are to be located.
- 4) Design & construction of Digital Board and attachment of board to structure, by others

TYPICAL GUSSET DETAIL

USE THIS CRITERIA FOR ALL GUSSETS



GENERAL NOTES

- ALL WITS AND BOLTS ARE TO BE ZINC PLATED (except A-480 bolts, which are not to be plated, but primed and painted after installation)
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD BEFORE FABRICATION OR CONSTRUCTION, AND NOTIFY ENGINEER OF ANY DISCREPANCIES
- ANY DEVIATIONS FROM THIS PRINT MUST BE APPROVED BY ENGINEER.
- STRUCTURAL STEEL SHAPES & PLATES SHALL CONFORM TO THE REQUIREMENTS OF (except structural tubing, which shall conform to A-500, grade B)
- ALL STEEL SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-55, GRADE B OR A-325, GRADE 2; UNLESS OTHERWISE NOTED.
- ALL STRUCTURAL STEEL SHALL BE PROTECTED, FABRICATED, AND ERECTED IN ACCORDANCE TO THE LATEST A.I.S.C. SPECIFICATIONS AND STANDARD PRACTICES.
- REINFORCED BY CERTIFIED WELDERS USING E-70 ELECTRODES.
- CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF $f_c = 3000$ p.s.i. IN 28 DAYS, UNLESS OTHERWISE NOTED.
- CONTRACTOR TO ENSURE THAT ALL WORK IS PERFORMED IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL CODES & ORDINANCES, AND OSHA, SAFETY REGULATIONS.
- LADDER(S), CROSSWALK, AND/OR DOWN CATAWALKS SHALL BE DESIGNED FOR ACCESS
- VERIFY CORRECT SPACING WITH OWNER PRIOR TO FABRICATION.
- H.A.S.L. = Height Above Ground Level

APPLICABLE BUILDING CODE AND WIND SPEED:

2009 I.B.C. (100 mph – Exp. C)

Effective Engineering Solutions, LTD.
61 White Water Court
New Lenox, IL 60451
(815) 485-1470

PROJECT: 10' x 36' Semi-Frog – 12' V
Digital/Std. Sign Structure @ 35'-0" Overall Height

CLIENT: Besko Medio

THIS PRINT CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED, REPRODUCED, OR ITS CONTENTS DISCLOSED, IN WHOLE OR IN PART, WITHOUT WRITTEN CONSENT FROM THE ABOVE CLIENT.
THE UNDERSIGNED ENGINEER WILL NOT SUPERVISE THE FABRICATION AND ERECTION OF THIS STRUCTURE.

APPROVAL:

LOCATION:

Chester, New York

ENGINEERED BY:

CWL

DRAWN BY:

DBM

DATE DRAWN:

4/18/13

DRAWING NO:

65756

