

SHAHEED MINAR

BANGLADESH AMERICAN CENTER (BAC)
13415 RENN ROAD, HOUSTON, TX 77083

GENERAL NOTES:

- THESE NOTES ARE APPLICABLE FOR SHEET 2 OF 8 THROUGH SHEET 8 OF 8 IN CASE OF CONFLICT AUTHORITY SHALL BE: FIRST THE DRAWINGS; SECOND THESE NOTES; AND THIRD, THE SPECIFICATIONS.
- ANALYSIS & DESIGN OF SHAHEED MINAR MONUMENT IS PERFORMED PER INTERNATIONAL BUILDING CODE(IBC) 2006 FOR BANGLADESH AMERICAN CENTER LOCATED AT 13415 RENN ROAD HOUSTON TX-77083
- FOR DIMENSIONS SHOWN, THE CENTRAL SHAHEED MINAR LOCATED AT BESIDE DHAKA MEDICAL COLLEGE, WAS SURVEYED ON 5TH MAY 2010.
- ALL STEEL FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - AISC STEEL CONSTRUCTION MANUAL, THIRTEENTH EDITION.
 - ANSI/AISC 360-05 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, LATEST EDITION.
 - SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, LATEST EDITION.
 - CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, LATEST EDITION.
 - AWS D1.1 LATEST EDITION
- STRUCTURES SHALL BE ADEQUATELY SUPPORTED DURING FABRICATION AND ERECTION TO PREVENT EXCESSIVE DEFLECTION AND STRESSES, AND DANGER TO PERSONNEL.

WELDING:

- ALL WELDING AND WELD INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF LATEST EDITION OF AWS D1.1.
- ALL WELDS SHALL BE COMPLETE JOINT PENETRATION WELDS UNLESS OTHERWISE NOTED ON THE DESIGN DRAWINGS.
- ALL WELDS SHALL BE CONTINUOUS UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS.
- ALL FILLET WELDS INDICATED ON STANDARD DRAWINGS SHALL BE AISC MINIMUM OR 1/8", WHICHEVER IS LARGER.
- MINIMUM FILLET WELD SIZES SHALL BE AS FOLLOW:
 - FOR THICKNESS OF 1/8" TO 3/8" OF JOINED MEMBERS, THE WELD LEG SIZE SHALL BE 3/16"
 - FOR THICKNESS GREATER THAN 3/8" OF JOINED MEMBERS, THE WELD LEG SIZE SHALL BE ONE-HALF OF THE THINNEST JOINED MEMBER. EXAMPLE: 1/4" IS THE MINIMUM FILLET WELD LEG SIZE OF WELDS JOINING TWO MEMBERS THAT ARE 1/2" AND 3/4" THICK.
- WELD ACCESS HOLES SHALL BE LEFT OPEN.

MATERIALS:

- PIPE SHALL CONFORM TO ASTM A53, TYPE E OR S, GRADE B.
- HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500 OR ASTM A501, GRADE B.
- WELDING ELECTRODES USED FOR CONNECTION SHALL CONFORM TO AWS A5.1, WITH A MINIMUM ELECTRODE TENSILE STRENGTH OF 70 ksi, U.N.O.

ANCHOR BOLTS:

- BOLT DIAMETERS, PLATE THICKNESS AND WELDS SHOWN SHALL BE USED AS PER ON THE DESIGN DRAWING.
- EDGES OF BASE PLATE SHALL BE ROLLED OR GAS CUT.
- ANCHOR BOLTS ARE STANDARD MACHINE BOLT, A-307, WITH HEXAGON HEAD.
- NUTS SHALL BE HEAVY HEX TYPE IN ACCORDANCE WITH ASTM A-563, GRADE A.
- REFER TO FOUNDATION DRAWINGS FOR BOLT LENGTH AND PROJECTION.
- ANCHOR BOLT SHALL BE SET ACCURATELY AND HELD IN PLACE BY TEMPLATES.
- PLAIN WASHER SHALL BE PROVIDED WITH ALL BOLTS.

COATINGS:

COATING & PAINTING SPECIFICATIONS SHALL BE PROVIDED AT THE TIME OF FABRICATION.

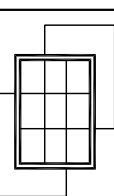
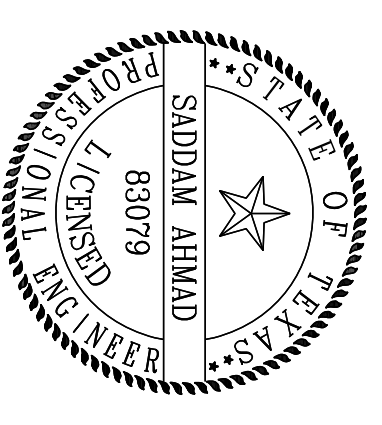
SHT. NO.	REV	DATE	DRAWING TITLE
1	0	06/29/10	TITLE SHEET & GENERAL NOTES
2	0	06/29/10	PLAN VIEW
3	0	06/29/10	ELEVATION VIEW
4	0	06/29/10	COLUMN SCHEDULE
5	0	06/29/10	COLUMN PLATE DETAIL
6	0	06/29/10	BASE PLATE DETAIL
7	0	06/29/10	DETAIL OF CIRCULAR PLATE
8	0	06/29/10	FRAME DETAIL

Drawing Index

REF. DRAWINGS

DWG. NO. DESCRIPTION

NO.	BY	DATE	REVISION
Δ	NH	06/29/10	APPROVED FOR CONSTRUCTION
∇	NH	05/20/10	REVISED FOR APPROVAL
∇	MSJ	03/09/10	ISSUED FOR APPROVAL



ENGINEERING ALLIANCE INC.
F-10447

DRAWN BY: **MAHS**
DATE: **06/29/10**
STRUCTURAL ENGINEER
Engineering Alliance Inc.
PROJECT NO: **BAC10003**

BANGLADESH AMERICAN CENTER
SCALE: **N.T.S.**
SHAHEED MINAR
TITLE SHEET & GENERAL NOTES
SHEET NO: **0**
SCALE: **N.T.S.**
DATE: **03/09/10**
CHECKED BY: **MH**
DATE: **03/09/10**
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