

7/11/2011
 FILE NAME: 001-A01-HCA07365-1.dwg

STRUCTURAL DESIGN CRITERIA

OCCUPANT CLASSIFICATION	M
OCCUPANT LOAD	51
CONSTRUCTION CLASSIFICATION	II-B
TOTAL SQUARE FOOTAGE	2500 SQ. FT.
BUILDING DATA PLATE LOCATION AND STATE DECAL LOCATIONS	(SEE PAGE A-3.1)
HANDICAPPED ACCESSIBLE	YES
FIRE WALL	2 HOUR ON 4 SIDES

HESS CORPORATION

42' x 60' AH2500 BUILDING MODULAR

1630 BUSHWICK AVE
BROOKLYN, NY



File: P:\HESS\WGA07365-1 Brooklyn, NY AH2500 - Hess 32507\Permits\Dwgs\Design Criteria.pdf
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DESIGN CODES

- 2008 NEW YORK CITY BUILDING CODE w/ JANUARY 1 - DECEMBER 31 2011 SUPPLEMENT
- 2008 NEW YORK CITY MECHANICAL CODE w/ JANUARY 1 - DECEMBER 31 2011 SUPPLEMENT
- 2008 NEW YORK CITY PLUMBING CODE w/ JANUARY 1 - DECEMBER 31 2011 SUPPLEMENT
- 2008 NEW YORK CITY FUEL GAS CODE w/ JANUARY 1 - DECEMBER 31 2011 SUPPLEMENT
- 2008 NEW YORK CITY ELECTRICAL CODE w/ JANUARY 1 - DECEMBER 31 2011 SUPPLEMENT
- 2008 NEW YORK CITY FIRE CODE
- 2011 NEW YORK CITY ENERGY CONSERVATION CODE

STRUCTURAL MATERIAL SPECIFICATIONS

HOT-ROLLED STEEL WIDE-FLANGE MEMBERS	ASTM A992
HOT-ROLLED STEEL CHANNELS 6 INCHES AND UP	ASTM A572, GR 50
HOT-ROLLED STEEL CHANNELS LESS THAN 6 INCHES	ASTM A36
MISCELLANEOUS STEEL PLATES, ANGLES AND BARS	ASTM A36
HOLLOW STRUCTURAL SECTIONS	ASTM A500, GR B
COLD-FORMED SHEET METAL SHAPES	ASTM A653, GR S550
STRUCTURAL STEEL DECK	ASTM A653, GR S933
STRUCTURAL STEEL BOLTS	ASTM A307
WELD ELECTRODE STRENGTH	E70XX
CONCRETE COMPRESSIVE STRENGTH	3000 PSI (20.7 MPa)
CONCRETE REINFORCING STEEL	ASTM A615, #4 BARS

ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR	HW	HOT WATER
AT	AT	HD	HUB DRAIN
B	BUILDING	LAV.	LAVATORY
B.S.	BUILDING SIDE	MS	MOP SINK
C	CENTER LINE	N.S.	NEAR SIDE
C/C	CENTER TO CENTER	O/C	ON CENTER
C.O.	CLEAN OUT	O/O	OUT TO OUT
CW	COLD WATER	SQ.	SQUARE
ELEV.	ELEVATION	T.O.I.	TOP OF ISLAND
F.S.	FAR SIDE	IP	TRAP PRIMER
FW	FILTERED WATER	WW	WARM WATER
FD	FLOOR DRAIN	WC	WATER CLOSET
FS	FLOOR SLAB	WH	WATER HEATER
FTG.	FOOTING	WP	WEATHER PROOF
G.C.	GENERAL CONTRACTOR - FURNISHED BY OWNER	V	VENT
HS	HAND SINK	VTR	VENT THROUGH ROOF

SCHEDULE OF DRAWINGS

SHEET NUMBER	DRAWING TITLE	TYPE	RELEASE DATE	REV. NO.	REVISION DATE
ARCHITECTURAL					
A-01	COVER SHEET	B	09-23-13		
A-11	FOUNDATION PLAN	B	09-23-13		
A-21	FLOOR FRAMING PLAN	B	09-23-13		
A-22	ROOF FRAMING PLAN	B	09-23-13		
A-31	FLOOR PLAN	B	09-23-13		
A-32	EQUIPMENT PLAN AND SCHEDULES	B	09-23-13		
A-41	EXTERIOR ELEVATIONS	B	09-23-13	4-9-13	
A-42	EXTERIOR ELEVATIONS	B	09-23-13		
A-51	INTERIOR ELEVATIONS	B	09-23-13		
A-52	INTERIOR ELEVATIONS	B	09-23-13		
A-61	DOOR ROOM FINISH AND GLASS SCHEDULES	B	09-23-13		
A-71	BUILDING SECTIONS	B	09-23-13		
A-72	BUILDING SECTIONS	B	09-23-13		
A-73	BUILDING SECTIONS	B	09-23-13		
A-74	BUILDING SECTIONS	B	09-23-13		
A-75	BUILDING SECTIONS	B	09-23-13		
A-76	BUILDING SECTIONS	B	09-23-13		
A-81	FLOOR COVERING PLAN	B	09-23-13		
A-91	SUSPENDED CEILING PLAN	B	09-23-13		
A-101	ROOF PLAN	B	09-23-13		
A-102	ROOF DETAILS	B	09-23-13		
ELECTRICAL					
E-11	ELECTRICAL POWER PLAN	EMP	04-07-14	1	04-28-14
E-12	FLOOR CONDUIT PLAN	EMP	04-07-14		
E-21	ELECTRICAL LIGHTING PLAN	EMP	04-07-14	2	6-17-14
E-31	ELECTRICAL ELEVATIONS	EMP	04-07-14		
E-41	COMMUNICATIONS PLAN	EMP	04-07-14		
E-51	ELECTRICAL ROOF TOP PLAN	EMP	04-07-14	1	05-07-14
E-61	PANEL SCHEDULES WITH ONE LINE DIAGRAM	EMP	04-07-14		
E-62	ELECTRICAL PANEL ELEVATIONS	EMP	04-07-14		
PLUMBING					
P-11	DRAIN WASTE & VENT PLAN	EMP	03-12-14	1	04-28-14
P-21	WATER SUPPLY PLAN	EMP	03-12-14	3	04-28-14
P-31	PLUMBING SCHEMATICS	EMP	03-12-14		
MECHANICAL					
M-11	H.V.A.C. PLAN	EMP			
M-21	H.V.A.C. ROOF PLAN	EMP			
M-31	H.V.A.C. CONTROL	EMP			

DRAWING TYPE

B = MODULAR BUILDING DRAWINGS
 EMP = ELECTRICAL MECHANICAL AND PLUMBING DRAWINGS

DESIGN PROFESSIONALS

ENGINEER OF RECORD

John F. Bradley PE
New York No. 90393

ENGINEER OF RECORD FOR EMP

James P. Stroke, PE
New York No. 40071

NOTES

- * DENOTES SHEETS THAT CONTAIN WORK TO BE DONE IN FIELD
- THIS BUILDING COMPLIES WITH THE AMERICANS WITH DISABILITIES ACT
- THIS BUILDING SHALL NOT BE LOCATED IN A FLOOD PRONE AREA
- THIS BUILDING CAN BE BUILT IN SHOWN HAND OR MIRROR IMAGE
- ALL ITEMS REQUIRED THAT ARE NOT WITHIN THE CONFINES OF THE MODULAR BUILDING SHALL BE PROVIDED BY THE OWNER AT THE JOBSITE (3-28 OF PART 36)
- THE OWNER SHALL POST A SUITABLE PLACARD, SECURELY FASTENED IN PLACE, READILY VISIBLE WITH ALL DESIGN CRITERIA INFORMATION
- * TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE, USING CHAPTER 8.*
- CLIMATE ZONE CLASSIFICATION - 4A

STATE USE

REV.	DATE	DESCRIP.							
HESS CORPORATION 42' x 60' AH2500 MODULAR BUILDING COVER SHEET									
MADISON INDUSTRIES MADISONIND.COM GEORGIA: 800.888.8888 CALIFORNIA: 916.222.6990 TEXAS: 714.311.1111 FLORIDA: 407.444.4444 ILLINOIS: 630.333.3333 OHIO: 216.222.2222 INDIANA: 317.111.1111 MISSOURI: 314.222.2222 ARIZONA: 480.333.3333 ALABAMA: 205.444.4444 MISSISSIPPI: 601.555.5555 LOUISIANA: 504.666.6666 KENTUCKY: 502.777.7777 TENNESSEE: 615.888.8888 MISSOURI: 314.222.2222 ARIZONA: 480.333.3333 ALABAMA: 205.444.4444 MISSISSIPPI: 601.555.5555 LOUISIANA: 504.666.6666 KENTUCKY: 502.777.7777 TENNESSEE: 615.888.8888									
MADISON INDUSTRIES 1630 BUSHWICK AVE. BROOKLYN, NY									
PROFESSIONAL ENGINEER MODEL No. AH2500-01-13 SCALE: FULL DRAWN BY: B. MARSH DATE: 09-25-13 CHECKED BY: DATE: M. ENGINEER DATE: G.G. DRWG. No. A-01 SHEET 1 OF 34 JOB No. WGA07365-1									