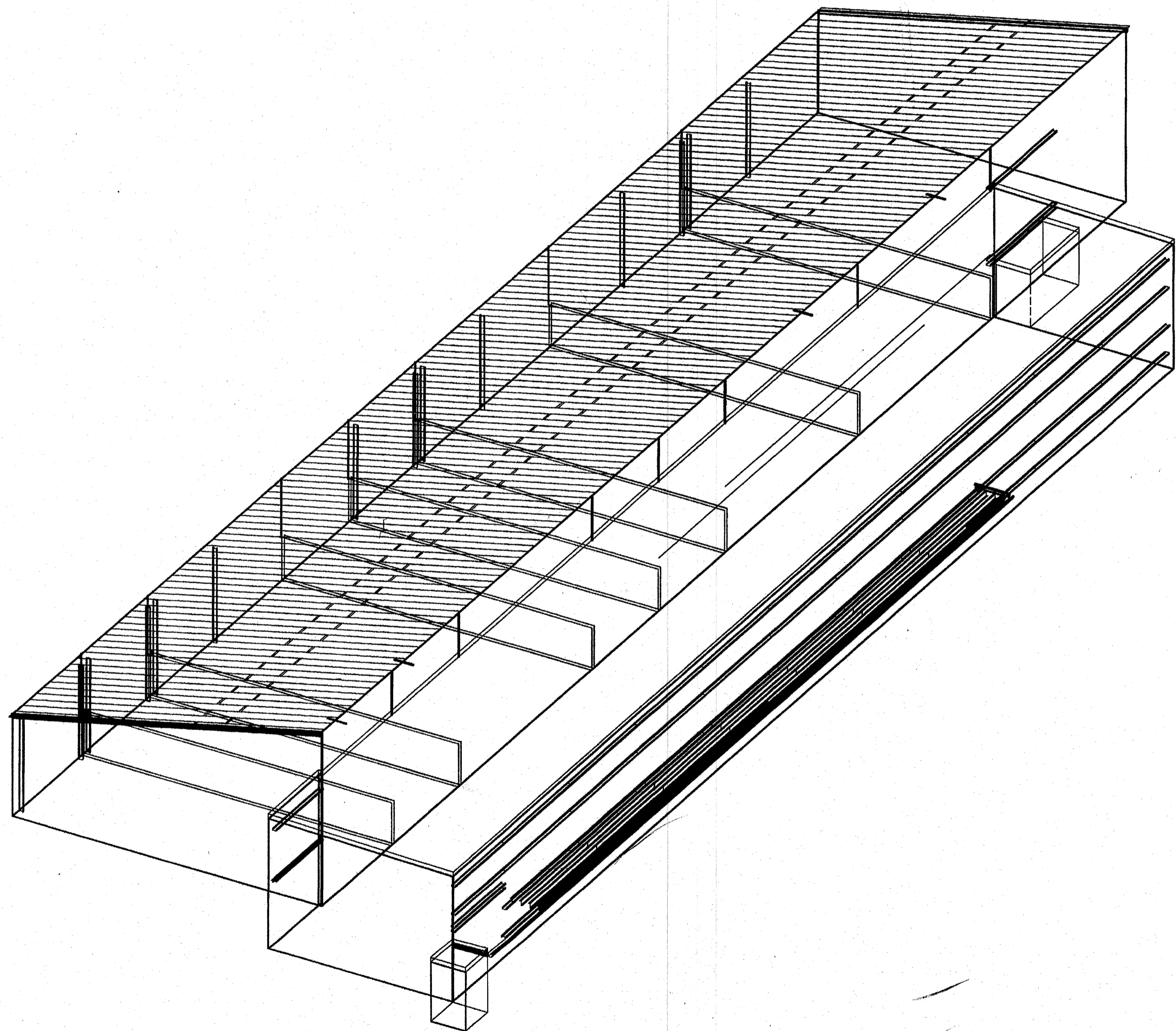


DRAWING INDEX	
DRAWING TITLE	PAGES
Cover Sheet	1
Notes	2
Anchor Rod Plan	3 - 4
Primary Structural	5 - 35
Secondary Structural	36 - 49
Covering	50 - 64
Special Drawings	
Standard Erection Details	65 - 69

DRAWING RELEASE HISTORY		
TYPE	DATE	DESCRIPTION
ANCHOR ROD PLAN	7/10/2007	FOR CONSTRUCTION
REVISED ANCHOR ROD PLAN	7/11/2007	REVISED TUBE COLUMN BASE BOLTS
ERECTION DRAWINGS	8/31/2007	FOR CONSTRUCTION



VP Buildings, Inc. 3200 Players Club Circle Memphis TN 38125

MATERIALS

3 PLATE WELDED SECTIONS
 COLD FORMED LIGHT GAGE SHAPES
 BRACE RODS
 HOT ROLLED MILL SHAPES
 HOT ROLLED ANGLES
 HOLLOW STRUCTURAL SECTION (HSS)
 CLADDING

GENERAL NOTES

ASTM DESIGNATION

A529, A572, A1011 SS
 A653, A1011 SS
 A572
 ASTM A36
 A529, A572, A588, A709, A992
 A500
 A653, A792

GRADE 55
 GRADE 55
 GRADE 55, UNLESS NOTED
 GRADE 36 KSI UNLESS NOTED
 GRADE 50
 GRADE B
 GRADE 50

A325 BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPROPRIATE REGULATIONS. THE FOLLOWING CRITERIA IS IN COMPLIANCE WITH THE LATEST SPECIFICATIONS, HOWEVER THE ERECTOR IS RESPONSIBLE TO VERIFY LOCAL AUTHORITY REQUIREMENTS.
 ALL CONNECTIONS MADE WITH A325 BOLTS MAY BE TIGHTENED TO THE "SNUG TIGHT" CONDITION AS PERMITTED BY THE SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS (2004 ED), UNLESS INDICATED AS "PRE-TENSIONED" ELSEWHERE IN THESE DRAWINGS, OR AS INDICATED BELOW.

PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, AND STRUT CONNECTIONS IF LOCATED IN IBC SEISMIC PERFORMANCE / DESIGN CATEGORY D, E OR F, UBC ZONE 3 OR 4, NBCC ZONES 3 OR GREATER. SEE CODES AND LOAD NOTES BELOW FOR SEISMIC DESIGN CATEGORY.

PRE-TENSION BOLTS ON PRIMARY FRAMING, BOLTED BRACING, STRUTS AND CRANE RUNWAY CONNECTIONS IF BUILDING SUPPORTS A CRANE WITH A CAPACITY GREATER THAN 5 TONS.

CONNECTIONS THAT SUPPORT RUNNING MACHINERY AND OTHER SOURCES OF IMPACT OR STRESS REVERSAL MUST BE PRE-TENSIONED.

ALL SLIP CRITICAL CONNECTIONS AS INDICATED IN THESE DRAWINGS WITH -SC DESIGNATION MUST BE PRE-TENSIONED. SC TYPE CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE THE FRICTION AT CONTACT SURFACES.

CONNECTIONS DESIGNATED AS A325-X OR A490-X SHALL BE INSTALLED WITH BOLT HEAD ON SIDE OF THE THINNEST PLATE BEING CONNECTED.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHTENED", EVEN IF ABOVE CONDITIONS EXIST, UNLESS SPECIFICALLY NOTED OTHERWISE ON DETAILS.
 WASHERS ARE NOT REQUIRED FOR "SNUG-TIGHT" CONNECTIONS. PRE-TENSIONED A325 CONNECTIONS TIGHTENED USING THE TURN-OF-THE-NUT METHOD DO NOT REQUIRE WASHERS. A490 BOLTS MUST HAVE WASHERS UNDER THE NUT AND MUST ALWAYS BE PRE-TENSIONED.

CODES AND LOADS

WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS.

Building Code: BOCA - 1999 - National Building Code
 Service Building: Building Use: Standard Occupancy Structures, Collateral Gravity: 0.15 kPa (Not Including bldg wt)
 Office area: Building Use: Standard Occupancy Structures, Collateral Gravity: 0.15 kPa (Not Including bldg wt)
 canopy 1: Building Use: Standard Occupancy Structures, Collateral Gravity: 0.15 kPa (Not Including bldg wt)
 Canopy 2: Building Use: Standard Occupancy Structures, Collateral Gravity: 0.15 kPa (Not Including bldg wt)
 LIVE LOADS AND RAINFALL
 Live Load 1.00 kPa (Not Reducible)
 Rainfall: 300.00 mm per hour
 Service Building : Mezzanine 1 @ 3400: FD=3.000 kPa, FL=0.000 kPa (Not Reducible, Coll. Load:= 0.000 kPa, Partition Load:= 0.000 kPa
 Office area : Mezzanine 1 @ 3400: FD=3.000 kPa, FL=0.000 kPa (Not Reducible, Coll. Load:= 0.000 kPa, Partition Load:= 0.000 kPa

SNOW LOAD
 Roof Snow: 2.00 kPa, Flat Roof Snow: 2.000 kPa
 Snow Exposure Category: 1 Fully Exposed
 Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

WIND LOAD
 Wind Force: 1.83 kPa, Wind Exposure: C
 Basic Wind Pressure: 1.830 kPa
 Wind Importance Factor: 1.097,
 Wind Enclosure: Enclosed, 0.250
 Note: All windows, doors, skylights and other covered openings must be designed for the specified above wind loads

EARTHQUAKE DESIGN DATA
 Lateral Force Resisting Systems using Equivalent Force Procedure
 Seismic Hazard / Use Group: Group 2
 Seismic Performance / Design Category: D (See Bolt Tightening Note Above)
 Aa: 0.2000, Av: 0.2000
 Seismic Snow Load: 0.400 kPa
 Seismic Importance: 1.000
 Soil Factor 2.00
 Moment-Resisting Frame System
 Ordinary Steel Frames
 (R=4.5, Cd=4.0)
 Building Frame System
 Concentrically Braced Frames
 (R=5.0, Cd=4.5)
 Analysis Procedure 1610.4 used

Samþykkt þann 23 JAN. 2008
 Byggingulfráttir í Hafnarfirði
 F.h. Sigurbjartur Halldórsson

VSÓ RÁÐSÍÐA
 Með þessum á byrðum þessum ábyrgist VSÓ byggingar ehf. lit. n. 01772-0379, að hönnun sé faglega ummátt og í samræmi við lög og reglugerðir um byggingarmál.

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VP BUILDINGS, INC.
 AISC CATG. MB CERTIFIED

COVER SHEET

BUILDER	BLT ehf	JOBNO	07-4487
		DATE	7/10/2007
		DRAWN / CHECK	ELM DAW
		PAGE	1

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26 OCT 2007
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