

BUILDING SPECIFICATIONS AND GENERAL NOTES

OWNERS INFORMATION:

NAME:
ADDRESS:
CITY:
STATE:
ZIP:

BUILDING REQUIREMENTS:

VEHICLE STORAGE
GROUP 1
CONSTRUCTION TYPE:
2006 IBC
DESIGN CODE:

BUILDING DESIGN

LOADS:	SNOW	WIND	SEISMIC	GROUP 1	DLTC	DLDC	TRUSS DEAD LOADS
(Fg) =	30.0 PSF	R.W.S. =	60 MPH	SEISMIC USE RESPONSE	1.00	4.85E	
(G _s) =	1.20	EXPOSURE =	C	COEFFICIENT S _{DS}		1.33E	
(G _f) =	1.20			SPECTRAL RESPONSE			
(F _s) =	22.68 PSF			COEFFICIENT S ₁			
(C _s) =	0.34			SEISMIC DESIGN CATEGORY	B		
(F _s) =	21.26 PSF						
(L _r) =	20.00 PSF						

*WITH UNBALANCED LOADS AS REQUIRED

PLEASE NOTE:

- DESIGNER LIABILITY LIMITED TO THE PREPARATION OF THE DRAWINGS WITH THE PARAMETER CONTRACTED AND ASCERTAINING TO CODE COMPLIANCE.
- THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. ADDITIONAL DATA SHALL BE RECEIVED FROM THE ENGINEER THROUGH WRITTEN CLARIFICATION ONLY. VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, & DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK. MAKE FROM THESE DRAWINGS OR SPECIFICATIONS WITHOUT FIRST SECURING WRITTEN PERMISSION FROM THE ENGINEER.
- WHERE LACK OF INFORMATION, OR ANY DISCREPANCY SHOULD APPEAR IN THE DRAWINGS OR SPECIFICATIONS, REQUEST WRITTEN INTERPRETATION FROM THE ENGINEER BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
- SOIL CLASSIFICATION #4 (R1M) BASED ON ASAE EP486.1 (CLASS OF MATERIAL: SW, SP, SM, SC, GM, AND GC)
- A SOIL BEARING VALUE ASSUMED AT 2000 PSF. ALL FOOTINGS AND SLAB TO BEAR ON UNDISTURBED INORGANIC SOIL OR SOIL COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- CONCRETE SHALL BE IN ACCORDANCE WITH ACI 318-05 CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSY AT 28 DAYS.
- ALL WOOD CONSTRUCTION SHALL BE OF MATERIALS SHOWN AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE NATIONAL FOREST PRODUCTS ASSOCIATION SPECIFICATIONS FOR WOOD CONSTRUCTION.
- ALL LUMBER IN CONTACT WITH CONCRETE ABOVE GRADE SHALL BE TREATED IN ACCORDANCE TO AMPA C24 REQUIREMENTS.
- ALL LUMBER BELOW GRADE SHALL BE TREATED IN ACCORDANCE TO AMPA C4 REQUIREMENTS.

COLUMNS:

- ALL SIDEWALL COLUMNS ARE 3-PLY 2x6 #1 SYP LAMINATED COLUMNS, RIVET CLINCHED, WITH STEEL REINFORCED JOINTS UNLESS SPECIFIED OTHERWISE.
- ALL ENDWALL COLUMNS ARE 3-PLY 2x6 #1 SYP LAMINATED COLUMNS, RIVET CLINCHED, WITH STEEL REINFORCED JOINTS UNLESS SPECIFIED OTHERWISE.

TRUSSEES:

- DESIGNED IN ACCORDANCE TO 2006 IBC
- TPI APPROVED THIRD PARTY INSPECTED

STEEL PANEL:

- PREMIUM PRO-RIB STEEL PANEL
- 0.157" MINIMUM THICKNESS BEFORE PAINTING
- 0.015" MINIMUM THICKNESS AFTER PAINTING
- GALVANIZED STEEL PANELS WITH POLYESTER FLUOROPHOSPHATE LIFETIME PAINT WARRANTY
- STRUCTURAL STRENGTH ASTM-A653 GRADE 80 (FULL HARD STEEL)
- 82000 PSI MINIMUM TENSILE STRENGTH

SOFFIT PANELS:

- COLOR MATCHED VENTED STEEL SOFFIT PANELS
- CERAM-A-STAR 1050 PAINT SYSTEM
- GALVANIZED THREADED HARDENED STEEL RINGS/HANK NAILS.

FRAMING FASTENERS:

- COLOR MATCHED GALVANIZED WOODDRIP SCREWS, #9 DIAMETER, 1/4" HEX HEAD
- ALL GRADES TO SLOPE AWAY FROM BUILDING AT A MIN. 2% GRADE FOR PROPER DRAINAGE.

PANEL FASTENERS:

- TEMPORARY BRACING DURING CONSTRUCTION SHALL BE CONTRACTORS RESPONSIBILITY. REFER TO THE RCSI-SI SWIMWAY SHEET GUIDE FOR HANDLING, INSTALLING, RESTRAINING AND BRACING OF TRUSSES, BY THE TRUSS PLATE INSTANTIVE (TPI) AND THE WOOD TRUSS COUNCIL OF AMERICA (WTOA).

CONSTRUCTION BRACING:

- HEATING, VENTING, AND AIR CONDITIONING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE APPROVED BY LOCAL OFFICIALS.

HVAC:

- PLUMBING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE INSTALLED IN ACCORDANCE WITH REQUIRED BUILDING CODES.

PLUMBING:

- ELECTRICAL REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY LOCAL CODES.

ELECTRICAL:

- SHALL COMPLY WITH IBC/ANSI A117.1 CHAPTER 9.

ACCESSIBLE PARKING:

- SHALL COMPLY WITH IBC/ANSI A117.1 CHAPTER 4.

ACCESSIBLE ROUTE:

- SHALL COMPLY WITH IBC/ANSI A117.1 CHAPTER 3.09. HANDLES, BULBS, LATCHES, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. WHEN SLIDING DOORS ARE FULLY OPEN, THE LEVER OR HANDLE SHALL BE MOULDED TO A MINIMUM OF 1 1/2" ABOVE FINISHED FLOOR OR ACCESSIBLE FLOOR SURFACE. WHEN CLOSED, THE LEVER OR HANDLE SHALL BE MOULDED NO HIGHER THAN THE THRESHOLD OF SERVICE DOORS MAY NOT EXCEED 1/2" ON EITHER SIDE OF THE DOOR.
- SHALL BE INSTALLED, PROVIDED, AND MAINTAINED AS SPECIFIED IN NFPA NO. 10 (BY OTHERS)

HARDWARE:

- SHALL COMPLY WITH IBC/ANSI A117.1 CHAPTER 4.

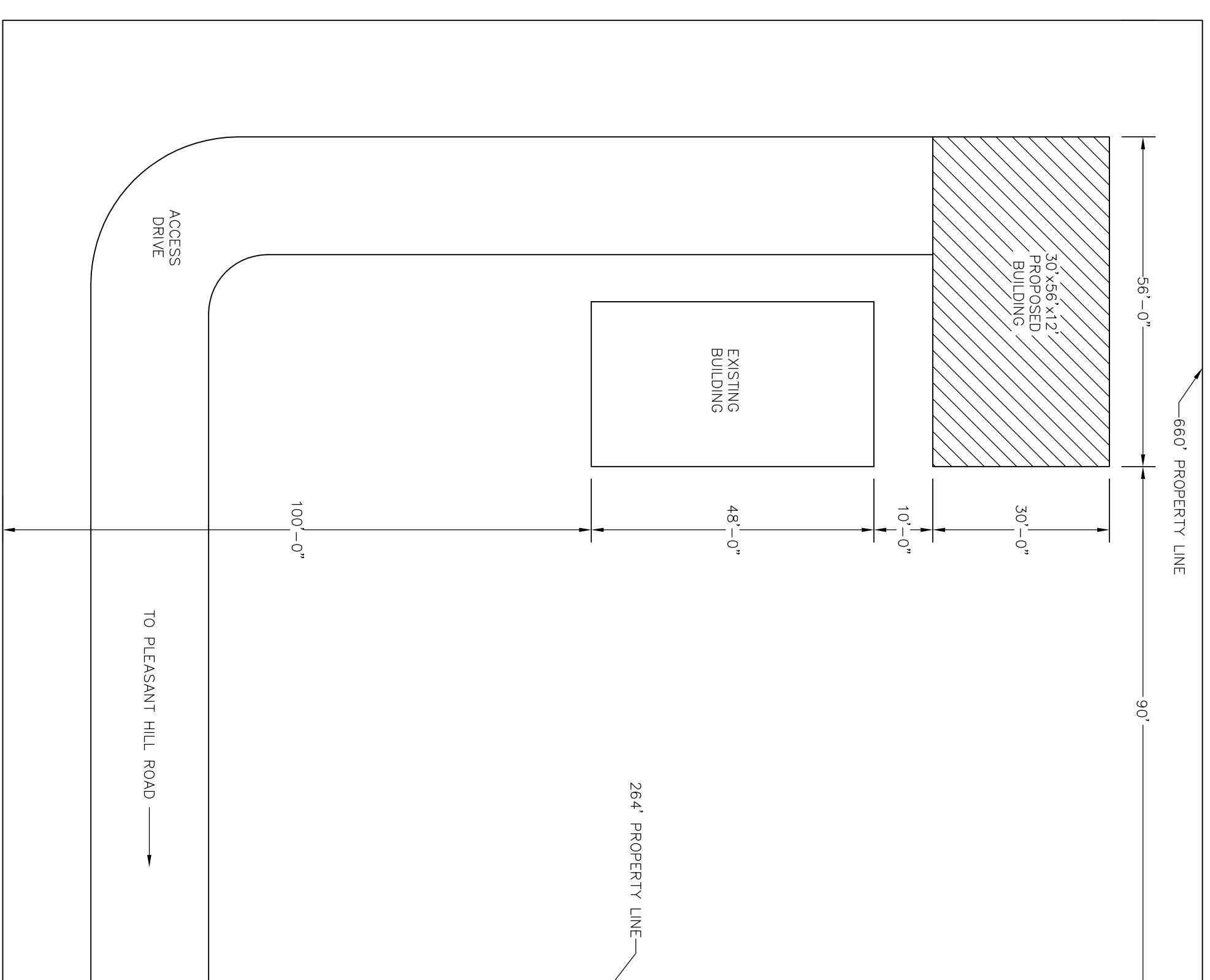
FIRE EXTINGUISHERS:

- SHALL BE INSTALLED, PROVIDED, AND MAINTAINED AS SPECIFIED IN NFPA NO. 10 (BY OTHERS)

SHEET INDEX	
SHEET #	SHEET DESCRIPTION
1 OF 8	GENERAL NOTES AND SITE PLAN
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3 OF 8	FLOOR PLAN, COLUMN & FOOTING SCHEDULE
4 OF 8	WALL SECTION AND SECTION DETAILS
5 OF 8	ENDWALL FRAMING AND ENDWALL DETAILS
6 OF 8	TRUSS SECTION AND TRUSS DETAILS
7 OF 8	BRACING DETAILS & STEEL APPLICATION DETAILS
8 OF 8	STEEL LAYOUTS

YOUR BUILDING

ANYWHERE, USA



SITE PLAN

SCALE: 1"=20'

NOTE: OWNER/CONTRACTOR SHALL VERIFY ALL SETBACKS WITH LOCAL BUILDING OFFICIAL AT TIME OF CONSTRUCTION.
NOTE: ALL GRADES SLOPE AWAY FROM THE BUILDING @ A MIN. 2% SLOPE.



PROJECT TITLE:
YOUR BUILDING
ANYWHERE, USA

REVISIONS		PROFESSIONAL ENGINEER	FILE NAME:	SHEET NO.
NO.	DATE	BY		
1			XXXXXXXXXXXXXX	1
2			XXXXXXXXXXXXXX	2
3			XXXXXXXXXXXXXX	3
4			XXXXXXXXXXXXXX	4

DATE:
SCALE:
AS NOTED