

BUILDING SPECIFICATIONS AND GENERAL NOTES

OWNERS INFORMATION:

NAME:
ADDRESS:
CITY:
STATE:
ZIP:

BUILDING REQUIREMENTS:

- USE OF BUILDING: MERCANTILE/RETAIL
- CONSTRUCTION TYPE: GROUP 1(M)
- DESIGN CODE: 2003 INDIANA BUILDING CODE

LOADS:	SNOW	WIND	SEISMIC	TRUSS DEAD LOADS
(Fg) =	20.0 PSF	R.W.S. =	90 MPH	GROUP 1
(G) =	10.0 PSF	LOAD	COB	D.T.C. =
(G1) =	1.20	EXPOSURE =	2	D.D.C. =
(Ft) =	15.12 PSF			1.83
(Cs) =	0.34			1.00
(Fp) =	14.18 PSF			5
(L1) =	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 INTERPRETATION, 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 (FRM)

CONCRETE:

- 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 318-02 CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSF 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 SPOKEL 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.
- DESIGNED IN ACCORDANCE TO 2003 INDIANA BUILDING CODE
- IPI APPROVED TRUSS PARTY INSPECTED

TRUSSES:

- PRO-RIB STEEL PANEL
- 0142 MINIMUM THICKNESS BEFORE PAINTING
- 0142 MINIMUM THICKNESS AFTER PAINTING
- GALVANIZED THREADED HARDENED STEEL RINGS/SHANK NAILS
- 30 YEAR PAINT WARRANTY 100 LINO PHOSPHATE
- STRUCTURAL STRENGTH ASTM-A663 GRADE 80 (FULL HARD STEEL)
- 82000 PSI MINIMUM TENSILE STRENGTH
- COLOR MATCHED STEEL TRIMS
- CERAM-A-STAR 1050 PAINT SYSTEM

STEEL TRIMS:

- COLOR MATCHED GALVANIZED WOODGRIP 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 HIB-91 SUMMARY OF CONSTRUCTION BRACING AND BRACING HANDLING, INSTALLATION AND BRACING METAL PLATE CONNECTED TO WOOD TRUSSES BY THE TRUSS PLATE INSTITUTE (TPI).
- HEATING, VENTING, AND AIR CONDITIONING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE APPROVED BY LOCAL OFFICIALS.
- PLUMBING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE INSTALLED IN ACCORDANCE WITH REQUIRED BUILDING CODES.

PLUMBING:

- HEATING, VENTING, AND AIR CONDITIONING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE APPROVED BY LOCAL OFFICIALS.
- PLUMBING REQUIREMENTS WERE NOT ADDRESSED ON THE DRAWING AND SHOULD BE INSTALLED IN ACCORDANCE WITH REQUIRED BUILDING CODES.

ELECTRICAL:

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

EXIT LIGHTS:

- EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. TO ENSURE CONTINUED ILLUMINATION FOR A DURATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS, THE EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH THE ICC ELECTRICAL CODE.

ACCESSIBLE PARKING:

- SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 5.

ACCESSIBLE ROUTE:

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

ACCESSIBLE DOOR:

- SHALL COMPLY WITH ICC/ANSI A117.1 CHAPTER 3 SECTION 309. HANDLES, PULLS, 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, INCLUDING PUSH AND PULL LEVER OPERATED MECHANISMS, SHALL BE USED. THE OPERATING MECHANISM SHALL BE OPENED, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" (1220 MM) ABOVE FINISHED FLOOR THE THRESHOLD OF SERVICE DOORS MAY NOT EXCEED 1/2" ON EITHER SIDE OF THE DOOR.

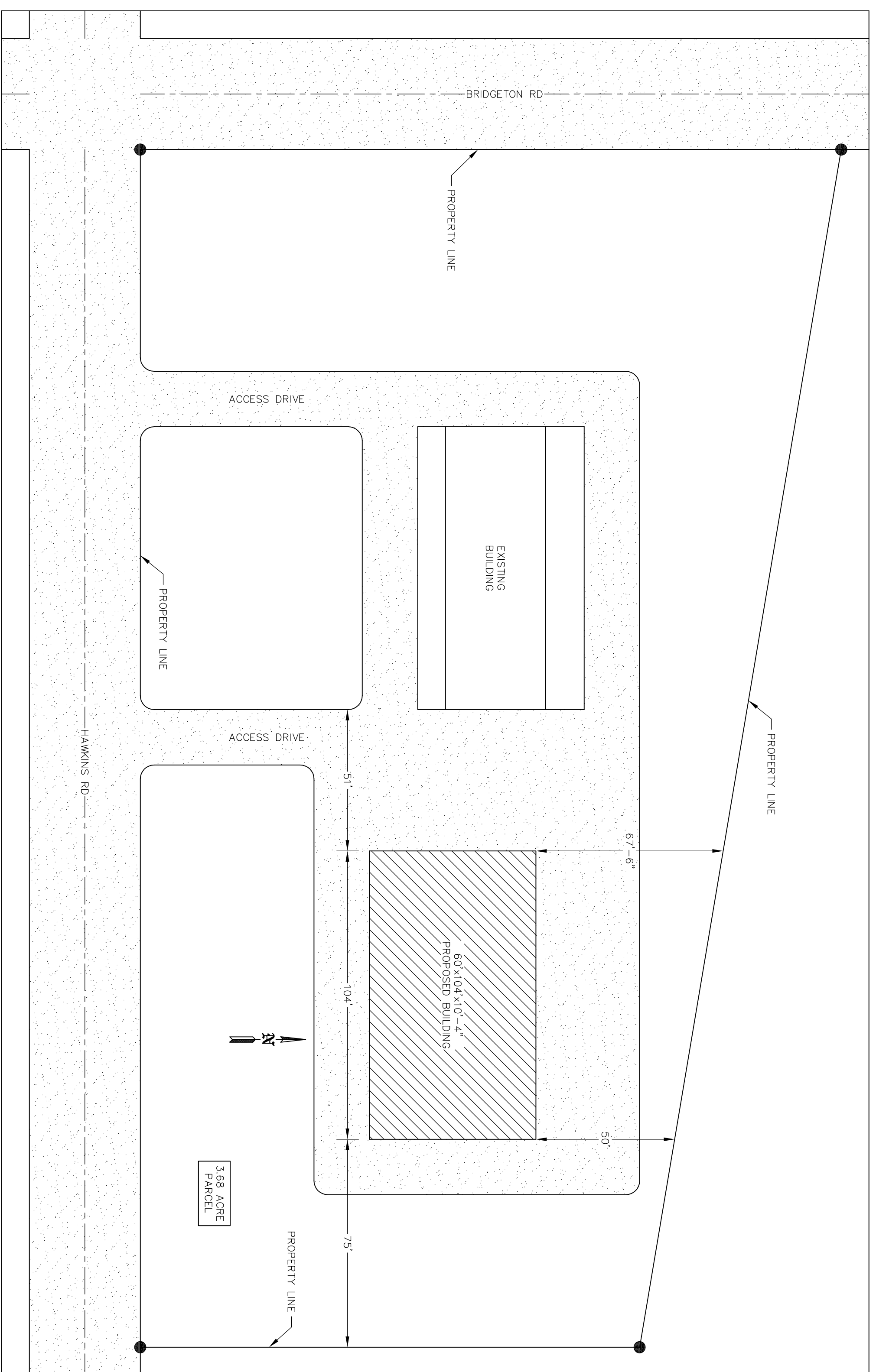
FIRE EXTINGUISHERS:

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

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7 OF 7	STEEL LAYOUTS

YOUR BUILDING ANYWHERE, USA



SITE PLAN
SCALE: 1"=30'

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**
SHEET TITLE: **GENERAL NOTES AND SITE PLAN**

NO.	DATE	DESCRIPTION	BY	PROFESSIONAL ENGINEER	FILE NAME:	SHEET NO.
1				XXXXXXXXXXXX		1
2				XXXXXXXXXXXX	DATE:	
3				XXXXXXXXXXXX	SCALE:	
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