

BUILDING STATISTICS/CODE SUMMARY

APPLICABLE CODES
 CITY OF PAPERBOW ADOPTED BUILDING CODES
 2006 INTERNATIONAL BUILDING CODE (IBC)
 2006 INTERNATIONAL FIRE CODE (IFC)
 2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 2008 INTERNATIONAL PLUMBING CODE (IPC)
 2009 INTERNATIONAL MECHANICAL CODE (IMC)
 2011 NATIONAL ELECTRICAL CODE (NEC)
 2000 NFPA 101 LIFE SAFETY CODE (LSC) NEBRASKA STATE FIRE MARSHAL
 2010 DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN

PROJECT PROPERTY ADDRESS: MARKET POINT COMMERCIAL SUBDIVISION LOT 1 REPLAT 6 (72ND STREET & CENTENNIAL ROAD)

ZONING: MIXED USE DISTRICT (MU)

OVERALL BUILDING AREA: 11,500 GROSS SQUARE FEET

TYPE OF CONSTRUCTION: IBC = TYPE V-B; LSC = TYPE V-000

MIXED USE OCCUPANCY (2009 IBC SECTION 508)
 APPLY CONDITIONS OF NON-SEPARATED MIXED USE OCCUPANCY (SECTIONS 508.3.2).
 BUILDING TENANTS ARE ASSEMBLY A-2, BUSINESS B & MERCHANDISE M.

OCCUPANCY RELATED AUTOMATIC SPRINKLER THRESHOLDS (2006 IBC CHAPTER 9)
 ASSEMBLY A-2 = FIRE AREA > 5,000 SF OR FIRE AREA OCCUPANT LOAD > 100

ALLOWABLE BUILDING HEIGHTS AND AREAS (2006 IBC TABLE 503)
 GROUP A-2 (WORST CASE) TYPE V-B 1 STORY, 6,000 SF ALLOWABLE (SEE INCREASE BELOW)
 BUILDING IS FULLY SPRINKLERED

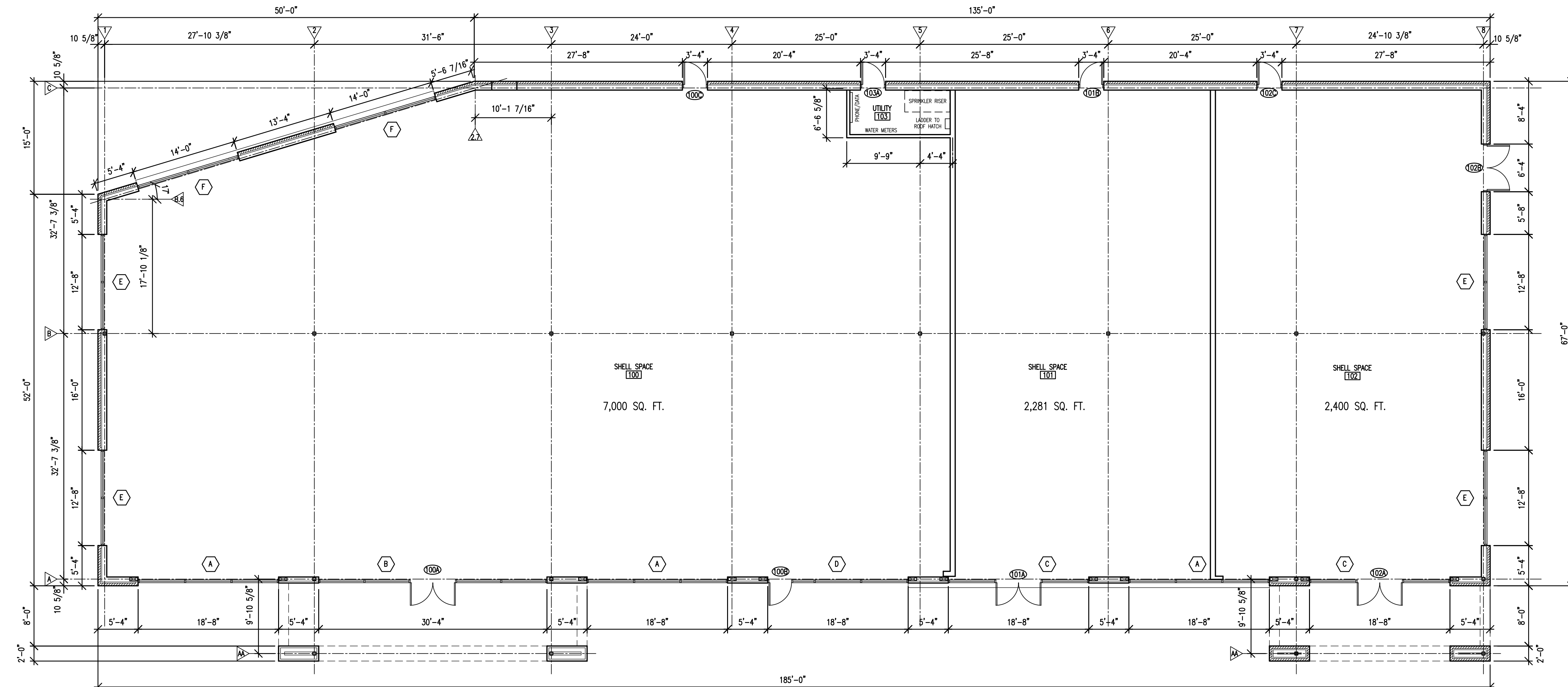
BUILDING AREA MODIFICATIONS (2006 IBC 506.1)
 $A_0 = [A] + [A \times R] + [A \times 10]$
 $A_0 = 15,000 + 15,000 \times 0.75 + (15,000 \times 3)$
 $A_0 = 28,500 \text{ SF}$

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (2006 IBC TABLE 601, LSC TABLE AB.2.1.2)

TYPE OF CONSTRUCTION: TYPE V-B	IBC TABLE 601	LSC TABLE AB.2.1.2
PRIMARY STRUCTURAL FRAME	0	0
BEARING WALLS, EXTERIOR	0	0
BEARING WALLS, INTERIOR	0	0
NON BEARING WALLS & PARTITIONS, EXTERIOR	0	0
NON BEARING WALLS & PARTITIONS, INTERIOR	0	0
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0	0
ROOF CONSTRUCTION & SECONDARY MEMBERS	0	0

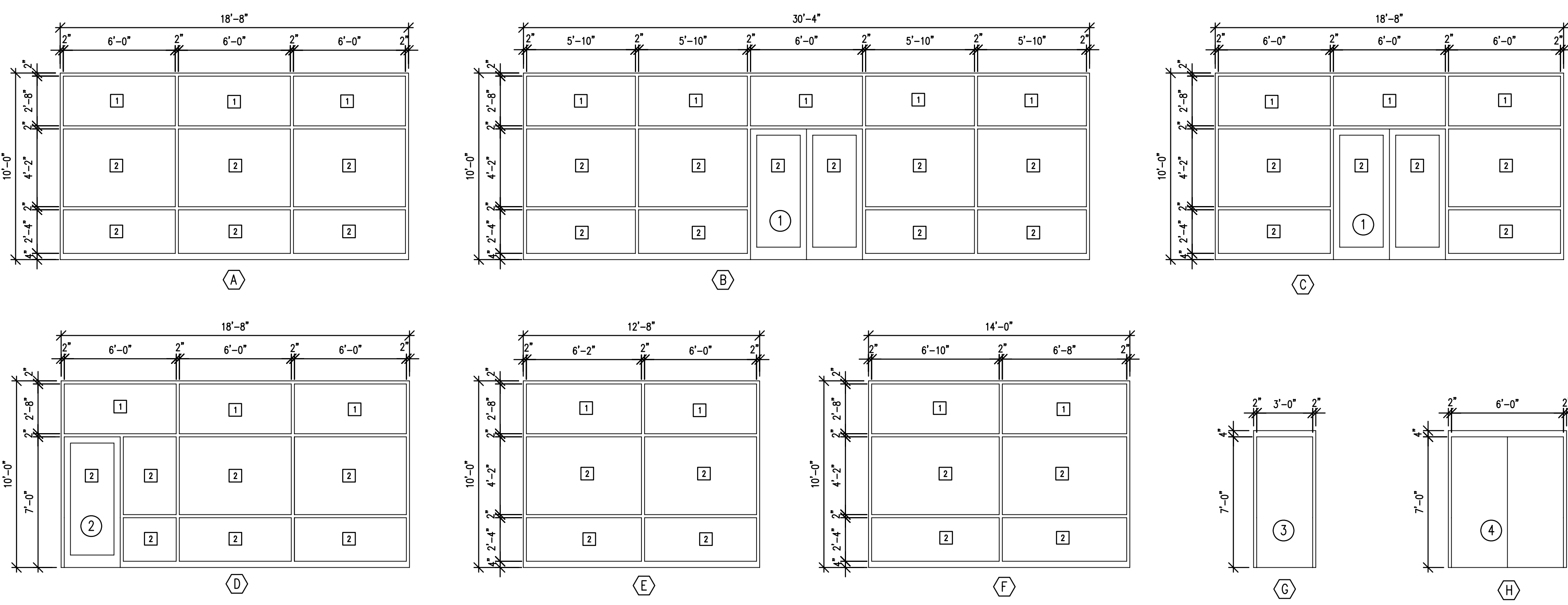
BUILDING ENVELOPE REQUIREMENTS - OPAQUE ASSEMBLIES (2009 IECC TABLE 502.2(1))
 CLIMATE ZONE 5
 ROOFS: INSULATION ENTIRELY ABOVE DECK = R-20 OI
 WALLS, ABOVE GRADE: MASS = R-11.4 OI, METAL FRAMED = R-13 + R-7.5 OI; WOOD FRAMED & OTHER = R-13 + R-7.5 OI. SLAB ON GRADE FLOORS: UNHEATED SLAB = NO REQUIREMENT

CORRIDOR FIRE RESISTANCE RATING (2006 IBC TABLE 1018.1, 2000 LSC 12-3.6, 38.3.6, 38.3.6)
 IBC FOR OCCUPANCIES A, B, & M: FOR OCCUPANT LOAD > 30, 1 HOUR FIRE RATED CORRIDOR WALLS ARE REQUIRED IF NOT SPRINKLERED.
 LSC FOR ASSEMBLY OCCUPANCIES, CORRIDOR PROTECTION IS NOT REQUIRED IF ASSEMBLY SPACE HAS 50% OF EXIT CAPACITY DISCHARGING DIRECTLY OUTSIDE.
 LSC FOR BUSINESS OR MERCHANDISE OCCUPANCIES, CORRIDOR PROTECTION IS NOT REQUIRED WITHIN AN OPEN PLAN SPACE, WITHIN A SPACE OCCUPIED BY A SINGLE TENANT, OR WITHIN A BUILDING THAT IS FULLY SPRINKLERED.



FLOOR PLAN

SCALE: 1/8" = 1'-0"



DOOR, FRAME & WINDOW TYPES

SCALE: 1/4" = 1'-0"

Ⓐ DOOR, FRAME AND WINDOW TYPES
 ① DOOR TYPES
 □ GLAZING TYPES

DOOR SCHEDULE

NO.	SIZE	H/W	TYPE	MAT'L	FINISH	LABEL	FRAME				REMARKS	NO.		
							TYPE	MAT'L	FINISH	DETAIL				
							HEAD	JAMB	SILL	HM FRAME THROAT SIZE				
100A	2 x 3'-0" x 7'-0" x 1 3/4"	1.0	1	ALUM	ANOD	-	B	ALUM	ANOD	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	100A
100B	3'-0" x 7'-0" x 1 3/4"	2.0	2	ALUM	ANOD	-	D	ALUM	ANOD	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	100B
100C	3'-0" x 7'-0" x 1 3/4"	3.0	3	HM	PT	-	C	HM	PT	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	100C
101A	2 x 3'-0" x 7'-0" x 1 3/4"	1.0	1	ALUM	ANOD	-	C	ALUM	ANOD	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	101A
101B	3'-0" x 7'-0" x 1 3/4"	3.0	3	HM	PT	-	C	HM	PT	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	101B
102A	2 x 3'-0" x 7'-0" x 1 3/4"	1.1	1	ALUM	ANOD	-	C	ALUM	ANOD	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	102A
102B	2 x 3'-0" x 7'-0" x 1 3/4"	4.4	4	HM	PT	-	H	HM	PT	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	102B
102C	2 x 3'-0" x 7'-0" x 1 3/4"	3.0	3	HM	PT	-	C	HM	PT	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	102C
103A	3'-0" x 7'-0" x 1 3/4"	4.0	3	HM	PT	-	G	HM	PT	7/8" x 1 1/2"	7/8" x 1 1/2"	7/8" x 1 1/2"	-	103A

NOTE: COORDINATE ALL LOCK KEYING REQUIREMENTS WITH BUILDING OWNER.

GLASS TYPES

□ 1" CLEAR LOW E" INSULATING GLASS
□ 1" CLEAR TEMPERED LOW E" INSULATING GLASS
□ 1/4" CLEAR TEMPERED GLASS
□ 1/4" CLEAR GLASS

ABBREVIATIONS:

HM	HOLLOW METAL
P	PAINTED FINISH. COLOR TO BE SELECTED
ST	SEMI-TRANSPARENT WOOD STAIN, FACTORY FINISHED, COLOR TO BE SELECTED FROM MANUFACTURERS STANDARD COLORS
WD/SC	WOOD, SOLID CORE
INS STL	INSULATED STEEL, FACTORY PRE-FINISHED PAINT, COLOR TO BE SELECTED FROM MANUFACTURERS STANDARD COLORS

Notes:

- A. THE CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS AND VISIT THE PROJECT SITE TO DETERMINE ANY CONFLICTS OR OMISSIONS THAT ARE PRESENT. FAILURE TO REPORT ANY DISCREPANCIES TO THE ARCHITECT OR DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT SHALL PLACE FULL RESPONSIBILITY FOR ANY PROBLEMS, MODIFICATIONS, ETC. DIRECTLY UPON THE CONTRACTOR.
- B. ALL ITEMS SHOWN ON THE DRAWINGS ARE AS EXACT AS COULD BE SECURED. THE CONTRACTOR SHALL OBTAIN EXACT LOCATIONS, MEASUREMENTS, LEVELS, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO THE ACTUAL CONDITIONS OF THE PROJECT. REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- C. CONTRACTORS SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID TO FAMILIARIZE THEMSELVES WITH THE CONDITIONS OF THE PROJECT.
- D. ALL WORK SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES AND REGULATORY AGENCIES HAVING JURISDICTION IN THIS AREA.
- E. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL COMMENTS AND ANY OTHER DOCUMENTATION FROM ALL ASSOCIATED REGULATORY AND PERMIT AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATIONS TO THE WORK MANDATED BY ANY REGULATORY AUTHORITY.
- F. INTERIOR FLOOR PLAN DIMENSIONS ARE TO THE FINISH FACE OF WALLS OR COLUMN CENTERLINES UNLESS OTHERWISE SHOWN.
- G. EXTERIOR PLAN DIMENSIONS ARE TO THE FACE OF CMU OR COLUMN CENTERLINES UNLESS OTHERWISE SHOWN.
- H. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION OF ANY ITEM. FAILURE TO ADHERE TO THIS PROCEDURE SHALL PLACE FULL RESPONSIBILITY FOR ANY ERRORS DIRECTLY UPON THE CONTRACTOR.
- I. ALL FURNITURE AND EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY THE BUILDING TENANTS UNLESS NOTED OTHERWISE.
- J. THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES. IF THE INSTALLED WORK OF ONE SUBCONTRACTOR INTERFERES/CONFLICTS WITH THE WORK OF ANOTHER TRADE, AND NEEDS TO BE RELOCATED, THE EXPENSE OF THE MODIFICATION WILL NOT BE PASSED ON TO THE OWNER.
- K. THE GENERAL CONTRACTOR SHALL COORDINATE AREAS TO STAGE JOB TRAILERS AND CONSTRUCTION MATERIALS WITH THE OWNER PRIOR TO MOBILIZATION TO THE SITE.
- L. THE CONTRACTOR SHALL PROVIDE BLOCKING IN WALLS AND CEILINGS FOR SECURE ATTACHMENT OF ALL ITEMS TO BE WALL HUNG OR SUSPENDED.
- M. THE WORK IS SCHEDULED TO BE COMPLETED IN A SINGLE PHASE.
- N. CONTRACTOR & SUBCONTRACTORS SHALL REVIEW OWNER'S GEOTECHNICAL REPORT FOR THE SITE/BUILDING AND SHALL INCORPORATE ITS RECOMMENDATIONS INTO ALL CONSTRUCTION WORK.

REV.	DESCRIPTION	DATE

NEW STRIP CENTER BUILDING ON LOT 1
MARKET POINTE
COMMERCIAL SUBDIVISION

72ND STREET & CENTENNIAL ROAD
 PAPERBOW, NEBRASKA

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CODE ANALYSIS, FLOOR PLAN & DOOR & WINDOW DATA

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NOT FOR CONSTRUCTION

Date: 8-14-2013 Project No. 131006
 Designed By: DH
 Drawn By: DH
 Checked By: DFP