## PROPOSED ADDITION FOR:

# CA CAW PROPERTIES LLC

JEFFERSON COUNTY, MISSOURI

### **DRAWINGS:**

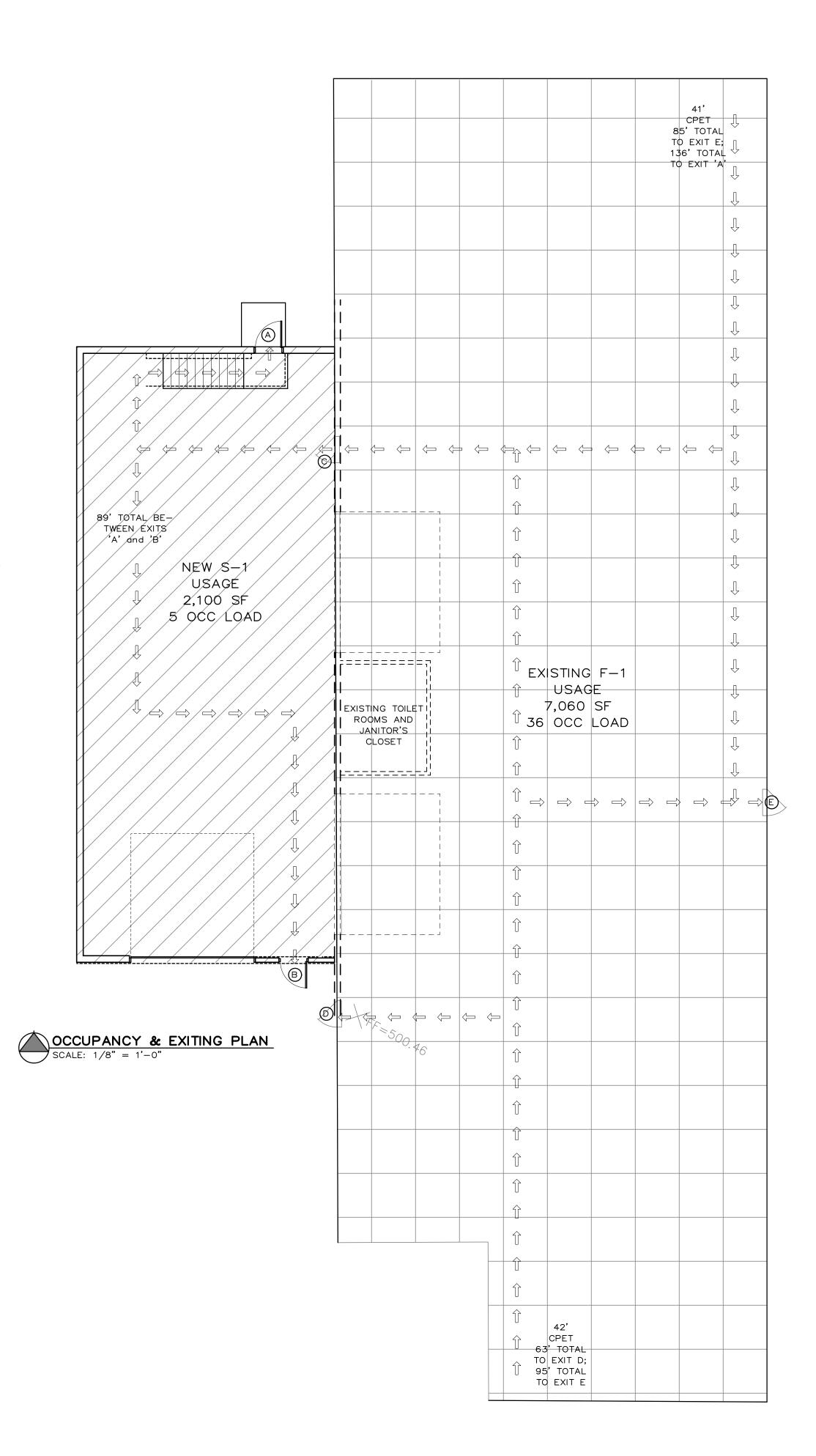
- C-1 COVER, GENERAL & CODE INFORMATION, OCCUPANCY & EXITING PLAN
- A-1 FLOOR, CEILING & ROOF PLANS
- A-2 SECTIONS, EXTERIOR ELEVATIONS, STAIR DETAIL, INTERIOR ELEVATIONS
- A-3 ELECTRICAL LAYOUT

### STRUCTURAL PLANS

- S1.0 GENERAL NOTES
- S1.1 TYPICAL DETAILS
- S1.2 TYPICAL DETAILS
- S2.0 FOUNDATION PLAN & DETAILS
- S2.1 ROOF PLAN & DETAILS

## CIVIL/SITE PLANS

- C.1 TITLE SHEET & GENERAL INFO
- C.2 DEMOLITION PLAN
- C.3 OVERALL SITE PLAN
- C.4 SITE & GRADING PLAN
- C.5 DRAINAGE AREA MAP



IBC 2009 CODE DATA: GENERAL NOTES:

CLASSIFICATION MIXED USAGE: F-1 FACTORY-MODERATE HAZARD

1) CHAPTER 3 USE & OCCUPANCY

7,060 SF EXISTING; NO CHANGE PROPOSED 15,000 SF MAX ALLOWED (TABLE 503):

47% AND S-1 STORAGE-MODERATE HAZARD 2,100 SF PROPOSED ADDITION

17,500 SF MAX ALLOWED (TABLE 503):

TOTAL NEW BUILDING AREA: 9,160 SF; 59% OF MAX ALLOWED COMBINED USAGE 2) TABLE 508.2.5: NO INCIDENTAL ACCESSORY OCCUPANCIES REQUIRING

SEPARATION 3) CONSTRUCTION TYPE PER TABLE 601: II-B CONCRETE FLOORS AND STEM WALLS; STEEL STRUCTURE, EXTERIOR SHEATHING AND ROOFING. NO FIRE PROTECTION OF STRUCTURAL ELEMENTS.

4) 717 FIREBLOCKING AND DRAFTSTOPPING AT FLOORS, ATTICS OR OTHER CONCEALED SPACES; NO CONCEALED SPACES SO NONE

5) 903 AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED: NEW S-1 AREA - 903.2.9 NO

CONDITIONS APPLY

6) SECTION 906 PORTABLE FIRE EXTINGUISHERS PROVIDE NUMBER AND IN LOCATIONS DIRECTED BY LOCAL FIRE INSPECTING AUTHORITY.

') 907 FIRE ALARM SYSTEMS F USAGE 907.2.4 NO CONDITIONS

NO S USAGE REQUIREMENTS

8) TABLE 1004.1.1 OCCUPANT LOAD CALCULATION 7,060 F-1 SF / 200 SF PER OCCUPANT = 36 OCCUPANTS (EX'G)2,100 S-1 SF / 500 SF PER OCCUPANT = 5 OCCUPANTS (PROPOSED)

9) 1008.1.7 THRESHOLDS SHALL NOT EXCEED ONE HALF INCHES HIGH

TOTAL BUILDING OCCUPANT LOAD = 41

10) 1008.1.9.2 HARDWARE HEIGHT DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISHED FLOOR. LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATION ARE PERMITTED AT ANY HEIGHT 11) 1008.1.10 PANIC HARDWARE NOT

REQUIRED 12) 1012 HANDRAILS INSTALL AT 36 ABOVE NOSE OF STAIR BELOW. HANDRAILS SHALL BE CONTINUOUS, NOT

INTERRUPTED BY NEWEL POSTS OR OTHER OBSTRUCTIONS. CLEARANCE BETWEEN HANDRAIL AND WALL OR ANY OTHER OBSTRUCTION SHALL BE MINIMUM 1-1/2. 13) 1013 GUARDS PROVIDE MINIMUM 42

HIGH AT OPEN WALKING SURFACE (SIDE OF 14) 1014.3 MAX COMMON PATH OF EGRESS

TRAVEL: 75' IN F-1 USE AREA 100' S-1 USE AREA - OCC LOAD IS NOT

MORE THAN 30 (1014.3.2) 15) TABLE 1016.1 EXIT ACCESS TRAVEL DISTANCE: 200' IN UNSPRINKLERED F-1 OR S-1 USAGE.

16) TABLE 1604.5 OCCUPANCY CLASSIFICATION: II

17) FIGURE 1608.2 GROUND SNOW LOAD: 20

18) SECTION 1609 BASIC WIND LOADS: 90

19) FIRE DEPARTMENT: FIRE MARSHAL JOE LAPLANT

SALINE VALLEY FIRE PROTECTION 1771 SPRINGDALE BLVD. FENTON, MO 63026 P. (636)343-9300

20) PERMIT ISSUER: DEPT OF CODE ENFORCEMENT JEFFERSON COUNTY (MO) BUILDING DEPT. PO BOX 100 HILLSBORO, MO 63050-0100

(636) 797-5310 21) UTILITIES: MISSOURI NATURAL GAS AMEREN-MISSOURI ELECTRIC

AT&T TELEPHONE

PROJECT OWNER/DEVELOPER: CA CAW PROPERTIES LLC 408 WOODVIEW MANOR

DIMENSIONS ONLY. FOR CRITICAL

PROJECT MANUAL, INCLUDING THE

ONE OR THE OTHER. ADVISE THE

SITE AND/OR EXISTING CONDITIONS

DRAWINGS ARE BASED ON CASUAL

OBSERVATIONS, NOT EXHAUSTIVE

ARCHITECT IMMEDIATELY OF ANY

VARIANCE WITH THE DRAWINGS OR

ITEM WITHOUT FIRST REVIEWING THE

) ALL MATERIALS SHALL BE NEW AND

PROPOSED MODIFICATION WITH HE

THESE DRAWINGS ARE ACCOMPANIED BY A

SPECIFICATIONS. DO NOT RELY SOLELY ON

ARCHITECT OR ENGINEER IMMEDIATELY OF

ANY CONFLICTS BETWEEN THE TWO. IF NO

TIMELY RESPONSE IS RECEIVED FROM THE

EXAMINATIONS. CONTRACTOR SHALL ADVISE

) DO NOT CUT OR MODIFY ANY STRUCTURAL

ARCHITECT AND SUBMITTING A PLAN FOR ANY TEMPORARY SHORING NECESSARY.

INSTALLED TO MANUFACTURER'S WRITTEN

) PROVIDE ALL NECESSARY BARRIERS AND

WORK ENVIRONMENT. CONFORM TO ALL LOCAL, COUNTY, STATE AND FEDERAL

WHERE AN ITEM OR SYSTEM IS SHOWN TO

BE INCLUDED IN THE WORK, IT SHALL BE

CODE-COMPLIANT ITEM OR SYSTEM. THE

VENTILATION AND ANY OTHER ACCESSORIES NECESSARY TO PROVIDE A COMPLETE,

PLUMBING LINES (WATER SUPPLY, WASTE,

SUPPLY, AND DUCTWORK WHERE SHOWN ON

PROVIDED AS A COMPLETE, OPERABLE,

CONTRACTOR SHALL INCLUDE ALL

CONNECTIONS, SWITCHING, POWER,

OPERABLE ITEM OR SYSTEM.

ROUTING OF ELECTRICAL WIRING,

DRAIN, VENTS), FIRE PROTECTION

PLANS IS SCHEMATIC. IT IS THE

ITEMS WITH EACH OTHER.

RESPONSIBILITY OF EACH OF THESE

CONTRACTORS (SUBCONTRACTORS) TO

COORDINATE INSTALLATION OF THESE

LOCATION OF HVAC EQUIPMENT (RTU'S

AIR HANDLERS, CONDENSERS, EXHAUST

FANS, ETC) IS SCHEMATIC. COORDINATE

THE FINAL LOCATIONS WITH OTHER

ARCHITECT PRIOR TO INSTALLATION.

PAINT ALL ROOF AND/OR WALL

EQUIPMENT OR SYSTEM INDICATES

ACCEPTANCE OF ANY PRE-EXISTING

TO OR SUPPORTED ON. FOR EXAMPLE,

REPRESENTS ACCEPTANCE OF THE SUB

3) ALL WORK SHALL CONFORM TO APPLICABLE

INTERPRETATION AND/OR ENFORCEMENT OF

JEFFERSON COUNTY PERSONNEL SHALL BE

LOCATION

LOCATOR MAP

NOT TO SCALE

THE APPLICABLE CODES, DESIGNATED

CONSIDERED THE AUTHORITY HAVING

BEGINNING FLOORING INSTALLATION

) IN ALL MATTERS RELATING TO

FLOOR CONSTRUCTION.

CODES

JURISDICTION.

WALL MATERIAL.

CONSIDERATIONS AND CONFIRM WITH

) RENDER ALL PENETRATIONS THROUGH

BUILDING'S EXTERIOR ENCLOSURE WEATHER

PENETRATIONS TO MATCH (AS CLOSELY AS

IS PRACTICAL) THE ADJACENT ROOF OR

) COMMENCING INSTALLATION OF ANY ITEM,

CONDITION UPON WHICH THE SUBSEQUENT

CONSTRUCTION IS DEPENDENT OR ATTACHED

REQUIREMENTS WHICH APPLY.

SAFETY SIGNAGE NECESSARY FOR A SAFE

CONDITIONS ON THE SITE WHICH ARE AT

ARCHITECT OR ENGINEER, ASSUME THE

MORE EXPENSIVE OR MORE RESTRICTIVE

CONTACT THE ARCHITECT.

CONDITION WILL PREVAIL.

SPECIFICATIONS.

SPECIFICATIONS.

KIRKWOOD, MO 63122

636-343-0341

) DO NOT SCALE DRAWINGS. FOLLOW WRITTEN CHECKED BY sjb DIMENSIONS NOT SHOWN IN THE DRAWINGS, ISSUED: 5/5/2017

Printed: 5/5/2017

COMMISSION

NUMBER

16-121

DRAWN BY

**FOR PERMIT APPLICATION** 

FOR CONSTRUC-

TION WITH **APPROVED PERMITS** 

PLAN STATUS



Steven J. Bacon Architect MO Lic: #007402



**BACON COMMERCIAL DESIGN LLC** 

**ARCHITECTURAL** Design & Consulting

> po box 605 crystal city mo 63019 (636) 933-0007

certificate #: 2006007290

CA CAW PROPERTIES LLC

Robert & Cynthia Berner

408 Woodview Manor Kirkwood MO 63122 (636) 343-0341

OWNER

Addition to 686 Biltmore Fenton, Missouri

COMMISSION

INTERNATIONAL CODE COUNCIL: IBC 2009 INT'L FIRE CODE 2009 INT'L MECH'L CODE 2009 INT'L ENERGY CODE 2009 INT'L PLUMB'G CODE 2009 NATIONAL ELECTRICAL

BLD'G CODE(S)

CODE 2008

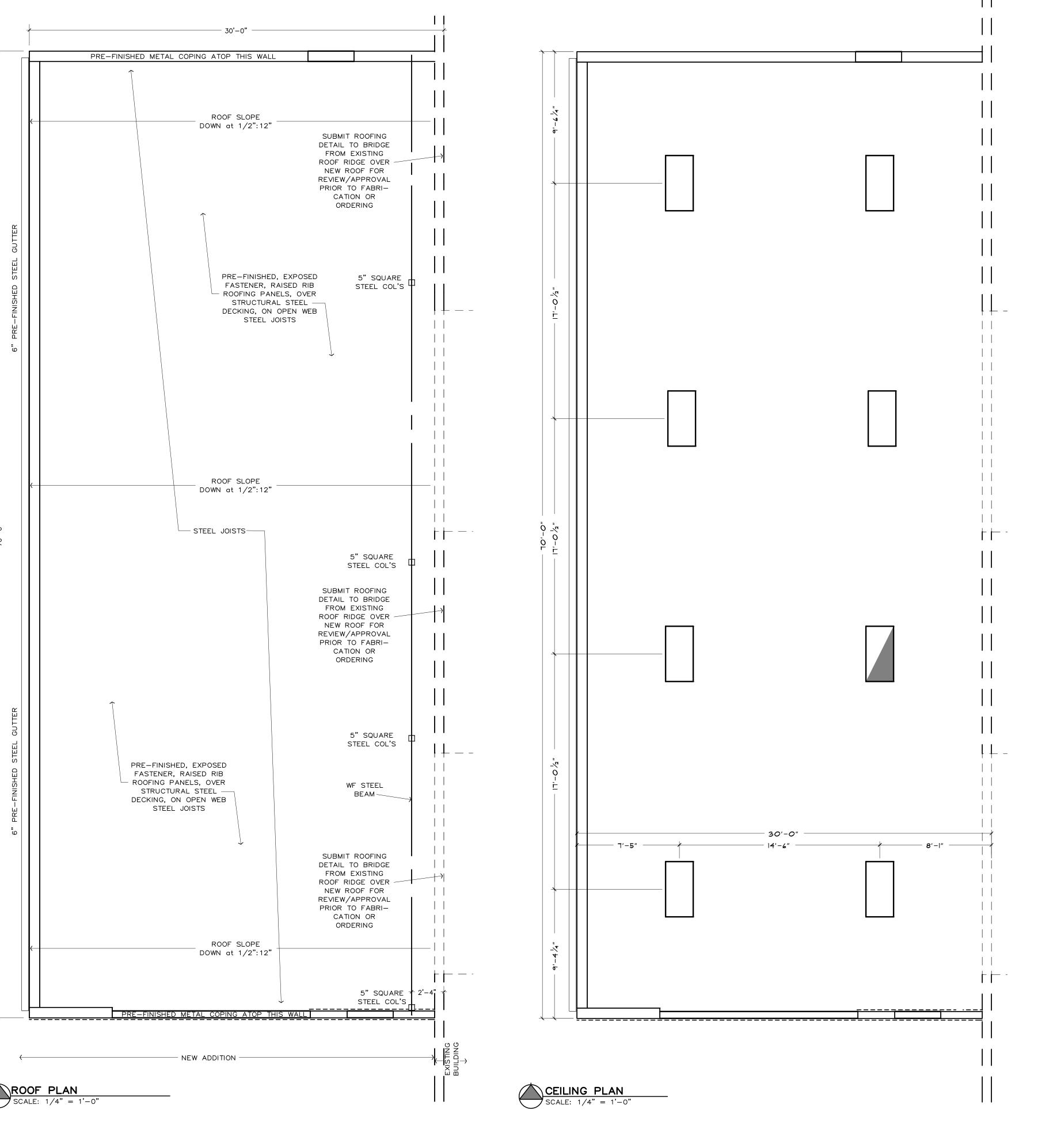
OCCUPANCY &

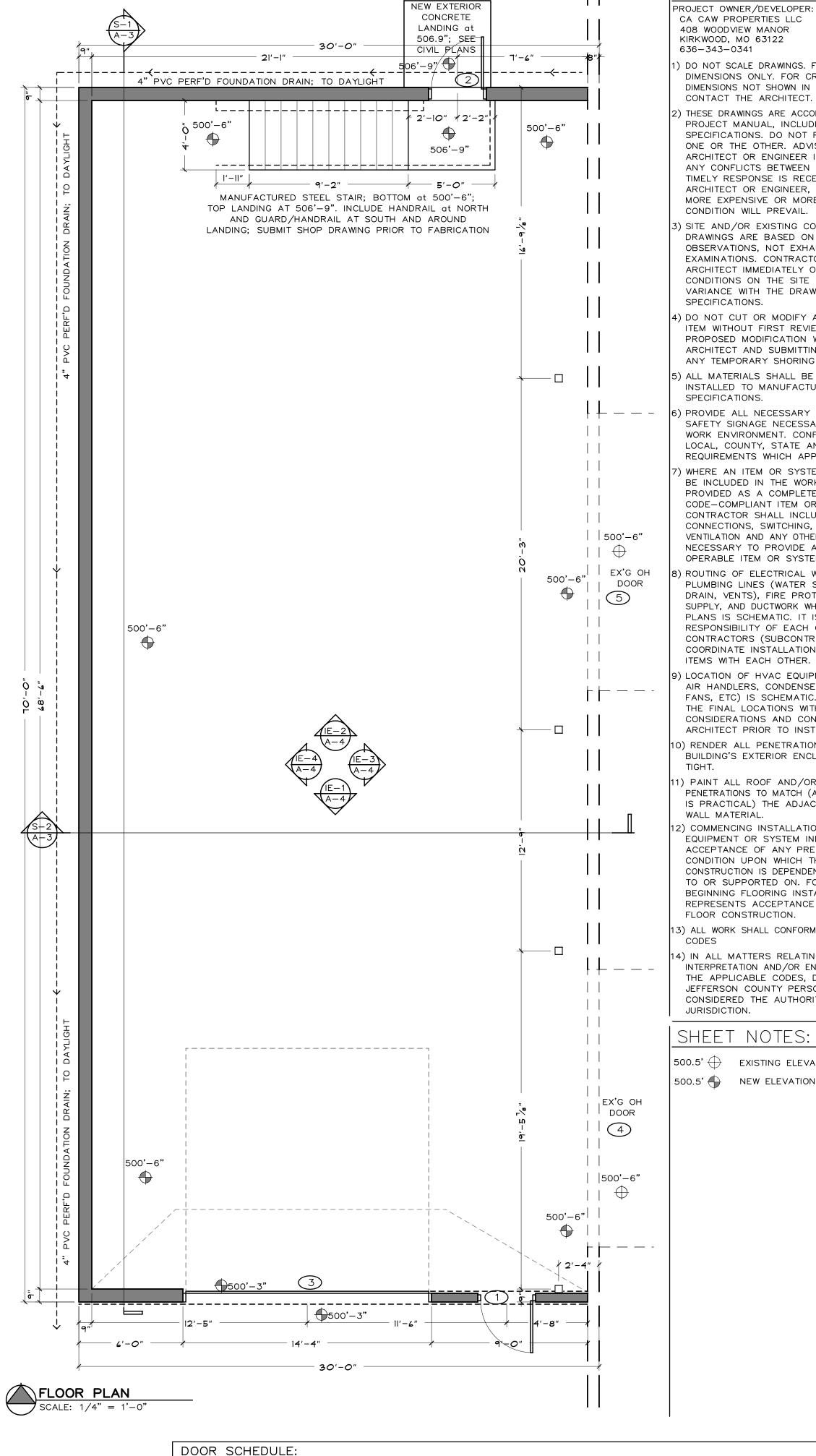
SHEET TITLE

SHEET

**COVER SHEET EXITING PLAN** 

NUMBER





CA CAW PROPERTIES LLC 408 WOODVIEW MANOR KIRKWOOD, MO 63122 636-343-0341 ) DO NOT SCALE DRAWINGS. FOLLOW WRITTEN DIMENSIONS ONLY. FOR CRITICAL DIMENSIONS NOT SHOWN IN THE DRAWINGS, CONTACT THE ARCHITECT. ) THESE DRAWINGS ARE ACCOMPANIED BY A PROJECT MANUAL, INCLUDING THE SPECIFICATIONS. DO NOT RELY SOLELY ON ONE OR THE OTHER. ADVISE THE ARCHITECT OR ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN THE TWO. IF NO TIMELY RESPONSE IS RECEIVED FROM THE ARCHITECT OR ENGINEER, ASSUME THE MORE EXPENSIVE OR MORE RESTRICTIVE CONDITION WILL PREVAIL. 3) SITE AND/OR EXISTING CONDITIONS DRAWINGS ARE BASED ON CASUAL OBSERVATIONS, NOT EXHAUSTIVE EXAMINATIONS. CONTRACTOR SHALL ADVISE ARCHITECT IMMEDIATELY OF ANY CONDITIONS ON THE SITE WHICH ARE AT VARIANCE WITH THE DRAWINGS OR SPECIFICATIONS. 4) DO NOT CUT OR MODIFY ANY STRUCTURAL∥ ITEM WITHOUT FIRST REVIEWING THE PROPOSED MODIFICATION WITH HE ARCHITECT AND SUBMITTING A PLAN FOR ANY TEMPORARY SHORING NECESSARY. ) ALL MATERIALS SHALL BE NEW AND INSTALLED TO MANUFACTURER'S WRITTEN SPECIFICATIONS. 6) PROVIDE ALL NECESSARY BARRIERS AND SAFETY SIGNAGE NECESSARY FOR A SAFE WORK ENVIRONMENT. CONFORM TO ALL LOCAL, COUNTY, STATE AND FEDERAL REQUIREMENTS WHICH APPLY. WHERE AN ITEM OR SYSTEM IS SHOWN TO BE INCLUDED IN THE WORK, IT SHALL BE PROVIDED AS A COMPLETE, OPERABLE, CODE-COMPLIANT ITEM OR SYSTEM. THE CONTRACTOR SHALL INCLUDE ALL CONNECTIONS, SWITCHING, POWER, VENTILATION AND ANY OTHER ACCESSORIES NECESSARY TO PROVIDE A COMPLETE, OPERABLE ITEM OR SYSTEM. ) ROUTING OF ELECTRICAL WIRING, PLUMBING LINES (WATER SUPPLY, WASTE, DRAIN, VENTS), FIRE PROTECTION SUPPLY, AND DUCTWORK WHERE SHOWN ON PLANS IS SCHEMATIC. IT IS THE RESPONSIBILITY OF EACH OF THESE CONTRACTORS (SUBCONTRACTORS) TO COORDINATE INSTALLATION OF THESE ITEMS WITH EACH OTHER. 9) LOCATION OF HVAC EQUIPMENT (RTU'S, AIR HANDLERS, CONDENSERS, EXHAUST FANS, ETC) IS SCHEMATIC. COORDINATE THE FINAL LOCATIONS WITH OTHER CONSIDERATIONS AND CONFIRM WITH ARCHITECT PRIOR TO INSTALLATION. ) RENDER ALL PENETRATIONS THROUGH BUILDING'S EXTERIOR ENCLOSURE WEATHER ) PAINT ALL ROOF AND/OR WALL PENETRATIONS TO MATCH (AS CLOSELY AS IS PRACTICAL) THE ADJACENT ROOF OR WALL MATERIAL. ) COMMENCING INSTALLATION OF ANY ITEM, EQUIPMENT OR SYSTEM INDICATES ACCEPTANCE OF ANY PRE-EXISTING CONDITION UPON WHICH THE SUBSEQUENT CONSTRUCTION IS DEPENDENT OR ATTACHED TO OR SUPPORTED ON. FOR EXAMPLE, BEGINNING FLOORING INSTALLATION REPRESENTS ACCEPTANCE OF THE SUB FLOOR CONSTRUCTION. 13) ALL WORK SHALL CONFORM TO APPLICABLE 4) IN ALL MATTERS RELATING TO INTERPRETATION AND/OR ENFORCEMENT OF THE APPLICABLE CODES, DESIGNATED JEFFERSON COUNTY PERSONNEL SHALL BE CONSIDERED THE AUTHORITY HAVING JURISDICTION. SHEET NOTES: 500.5' EXISTING ELEVATION 500.5' NEW ELEVATION

> MK SIZE SEALS CLOSER NOTES (1) 3'-0" × 6'-8" HOLLOW METAL DOOR & FRAME IN STEEL FRAMED WALL THRESHOLD & WEATHERSTRIPPING FIELD PAINT DOOR & FRAME HOLLOW METAL DOOR & FRAME THRESHOLD & WEATHERSTRIPPING | CLOSER FIELD PAINT DOOR & FRAME (2) 3'-0" × 6'-8" IN STEEL FRAMED WALL 3 14'-0"x14'-0" SECTIONAL OVERHEAD SEE SPECIFICATIONS (4) EXISTING OVERHEAD SECTIONAL DOOR; NO CHANGE (5) EXISTING OVERHEAD SECTIONAL DOOR; NO CHANGE

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BLD'G CODE(S)

**CEILING PLAN FLOOR PLAN ROOF PLAN** 

SHEET TITLE

SHEET NUMBER

A-3

of 3