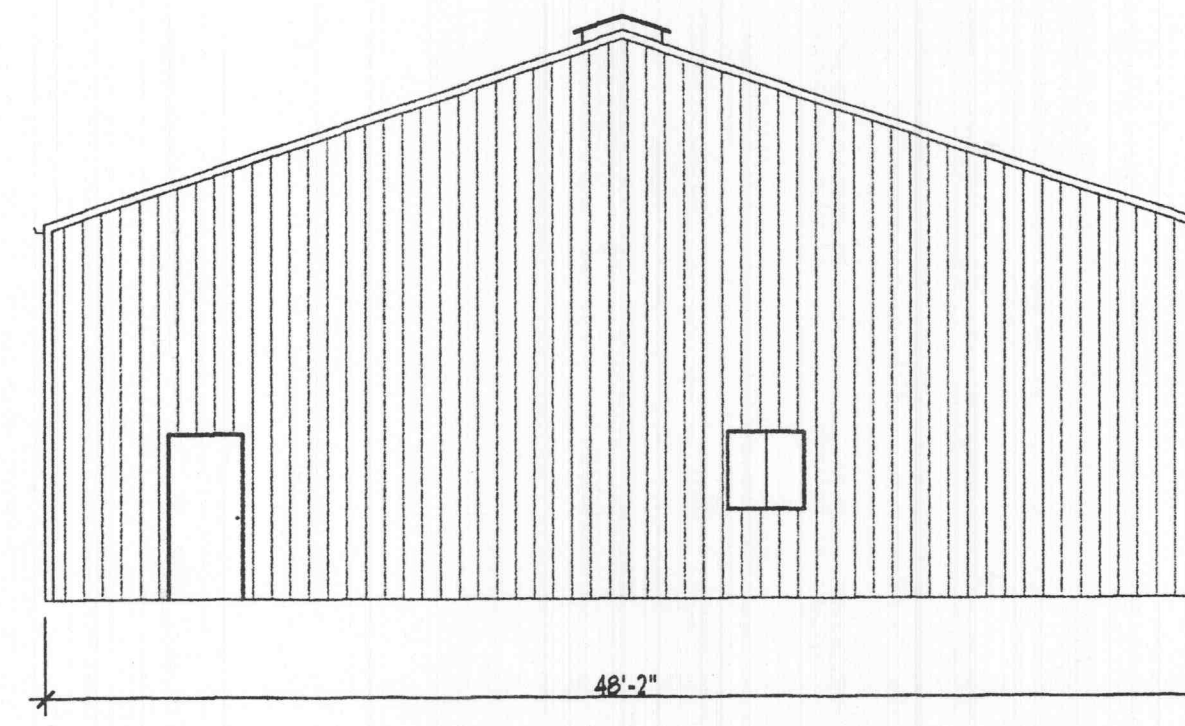
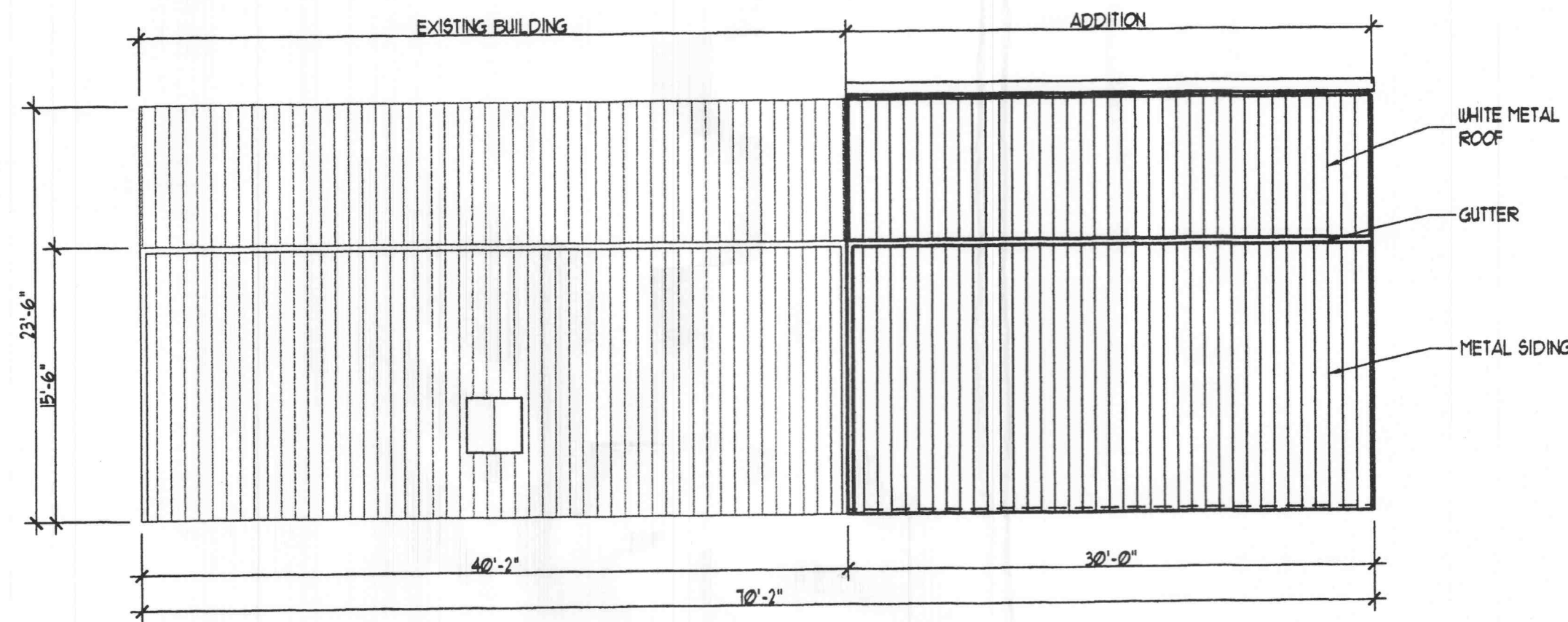


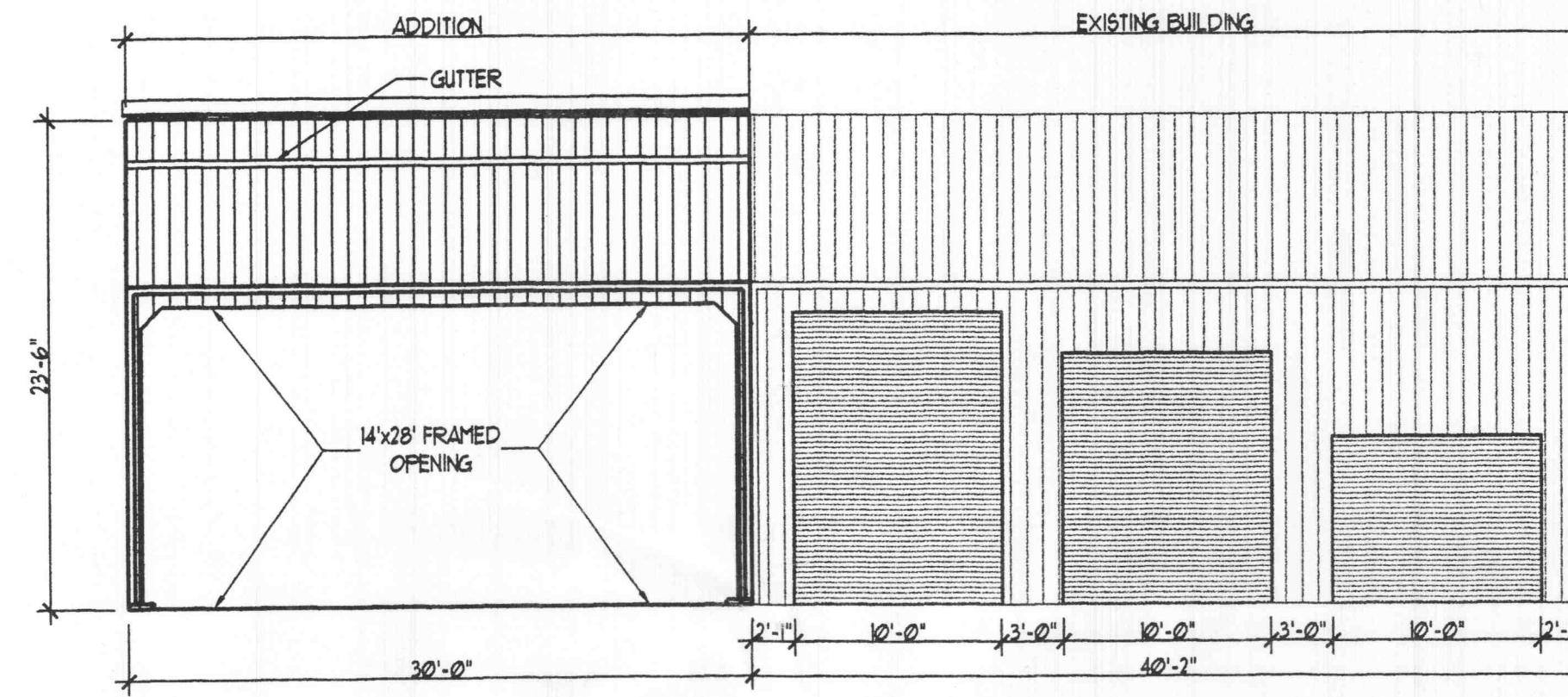
NORTH ELEVATION
SCALE: 1/8" = 1'-0"



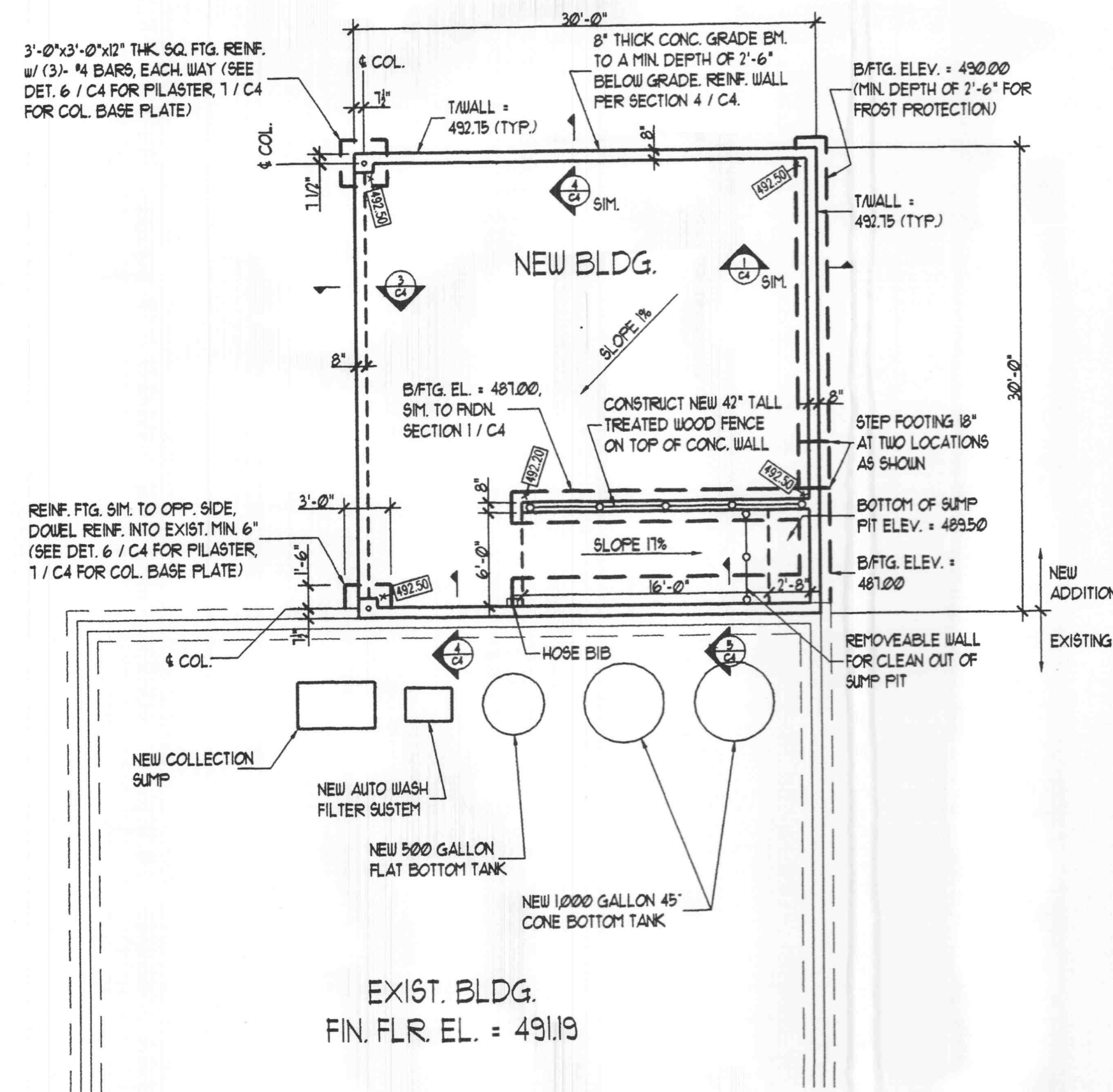
SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



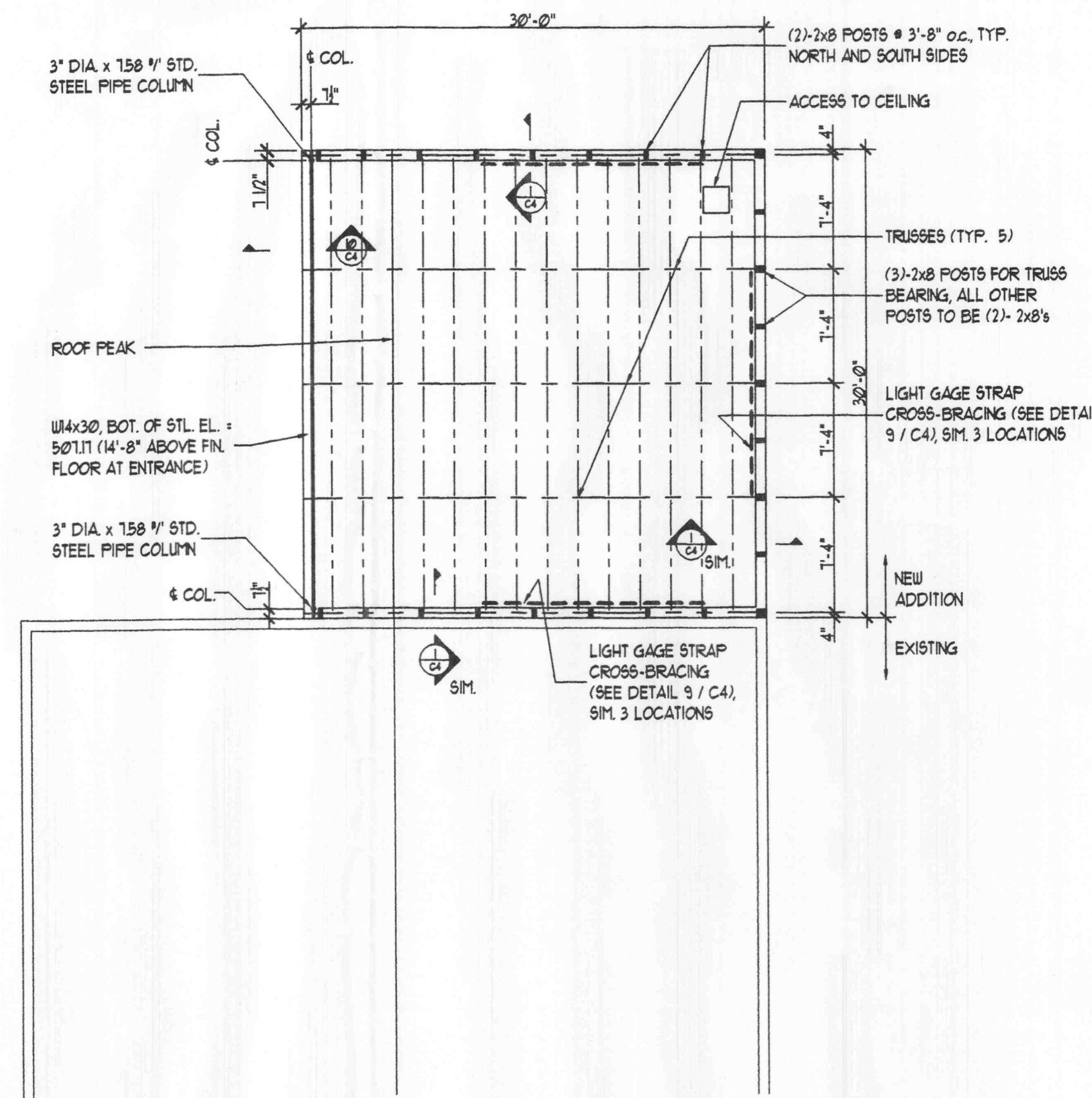
EAST ELEVATION
SCALE: 1/8" = 1'-0"



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



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



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

- FOUNDATION NOTES:**
- 1) NEW BUILDING ADDITION FLOOR TO BE 6" THICK CONC. SLAB-ON-GRADE REINFORCED WITH 6x6-W2.9x12.9 W/IF OVER 6 MIL. VAPOR BARRIER AND 6" COMPACTED CRUSHED ROCK.
 - 2) PROVIDE CONTRACTION JOINTS IN NEW SLAB-ON-GRADE WITH INSERTS 1 1/4" DEEP x 1/8" WIDE, SPACED AT 8' o.c.
 - 3) PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING 28-DAY COMPRESSIVE STRENGTH:
FOOTINGS: 3000 P.S.I.
FOUNDATION WALLS, PILASTER, AND SLAB ON GRADE: 4000 P.S.I.
 - 4) ALL REINFORCEMENT SHALL BE ASTM A615 GRADE 60 WITH A MINIMUM CONCRETE COVER OF:
FOOTINGS - 3" SLABS - 3/4" FOUNDATION WALLS - 2"
 - 5) ASSUMED ALLOWABLE SOIL BEARING CAPACITY IS 2000 PSF FOR UNDISTURBED SOIL. ALL FOOTINGS TO BE SET AT THE DEPTH SHOWN, OR TO DEPTH OF UNDISTURBED SOIL, WHICHEVER IS DEEPER. CONTRACTOR TO VERIFY 2000 PSF MIN. BEARING.

- FRAMING NOTES:**
- 1) ROOF: 1 1/2" 22 GA. METAL ROOFING.
 - 2) PRESERVATIVE TREATED WOOD TRUSSES TO BE DESIGNED BY OTHERS. TRUSS SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND COORDINATION PRIOR TO CONSTRUCTION. LOADS ARE AS FOLLOWS:
TOP CHORD DL = 10 PSF TOP CHORD LL = 20 PSF
BOTTOM CHORD DL = 10 PSF BOTTOM CHORD LL = 0 PSF
NOTE: NO ATTIC STORAGE SHALL BE PERMITTED ABOVE THE CEILING.
 - 3) STEEL (ALL STEEL TO BE GALVANIZED):
A) ALL TUBE STEEL TO BE ASTM A500 GRADE B, F_y = 46 KSI.
B) ALL PIPE COLUMNS TO BE ASTM A53 GRADE B, F_y = 35 KSI.
C) ALL PLATES, ANGLES, AND CHANNELS TO BE ASTM A 36, F_y = 36 KSI.
D) ALL U-SHAPES TO BE ASTM A992 GRADE 50, F_y = 50 KSI.
 - 4) WOOD FRAMING:
A) ALL NAILING TO BE IN ACCORDANCE WITH THE BOCA BUILDING CODE.
B) 2x4's AND 2x6's - USE SPRUCE-PINE-FIR NO. 2 OR BETTER.
C) 2x8's, 2x10's, AND 2x12's - USE SOUTHERN PINE NO. 2 OR BETTER.
D) PROVIDE SIMPSON OR EQUAL STANDARD JOIST OR BEAM HANGERS WHERE REQUIRED.
 - 5) ALL LUMBER, INCLUDING SAWN LUMBER AND PLYWOOD, SHALL BE PRESERVATIVE TREATED FOR OUTDOOR USE.
 - 6) PAINT EXISTING BUILDING AND ADDITION METAL SIDING TO MATCH COLORS OF EXISTING DEALERSHIP (COORDINATE WITH OWNER).

- 6) ALL CONSTRUCTION SHALL CONFORM TO THE FOLLOWING CODES:
A) 1999 BOCA NATIONAL BUILDING CODE, B.O.C.A.
B) 1999 NATIONAL ELECTRICAL CODE, N.E.C.
C) 1998 INTERNATIONAL MECHANICAL CODE, I.M.C.
D) 1971 INTERNATIONAL PLUMBING CODE, I.P.C.
E) 1996 NFPA 13 - SPRINKLERS
F) 1998 ICC/ANCI/ADA ACCESSIBILITY

- UTILITY NOTES:**
- 1) NO NEW UTILITY SERVICE WILL BE REQUIRED FOR BUILDING ADDITION.
 - 2) CONNECT WASH-DOWN EQUIPMENT TO EXISTING WATER & ELECTRICAL SERVICE TO THE SITE. INSTALL A BACK-FLOW PREVENTER AT THE NEW WATER CONNECTION.

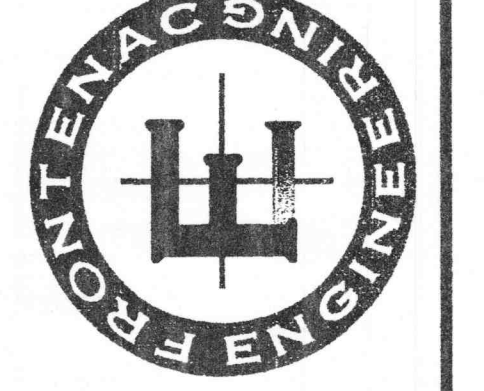
BUILDING CODE INFORMATION (PER BOCA 99):
USE GROUP CLASSIFICATION: U (UTILITY AND MISCELLANEOUS OCCUPANCIES)
CONSTRUCTION TYPE: 5B-UNPROTECTED



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NO.	DATE	REVISIONS	ISSUE/REVISION DESCRIPTIONS
3	9/13/02	CITY REVIEW COMMENTS	
2	7/23/02	CITY REVIEW COMMENTS	
1	5/30/02	P & Z COMMENTS	

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DATE: 5/30/02
CHECKED: W.A.B.
DRAWN: A.P.
SCALE: 1" = 40'

BUILDING ELEVATIONS, FOUNDATION AND ROOF FRAMING PLAN
GATEWAY BOBCAT OF O'FALLON
1885 WEST TERRA AVENUE,
O'FALLON MO. 63366

SHEET NO. **C3**
3 OF 5
FILE# 00-9020