

LIGHT & VENT SCHEDULE - UNIT E

ROOM	AREA (S.F.)	LIGHT		VENT	
		REQ'D. (8%)	ACTUAL	REQ'D. (4%)	ACTUAL
KITCHEN/LIVING RM	410	33.4	33.4	16.7	16.8
MASTER BATH	101	-	-	111 CFM	150 CFM
MASTER BEDROOM	140	11.2	20.9	5.6	10.4
BATH 2	49	-	-	53.9 CFM	75 CFM
BEDROOM 2	134	10.7	12.9	5.3	6.4

NOTE:
 1. THE ADDITIONAL LIGHT REQUIRED TO MEET CODE SHALL BE PROVIDED BY LIGHT FIXTURES. ANY INFORMATION REQUIRED FOR PERMIT SHALL BE SUBMITTED BY THE RESPECTIVE TRADES PRIOR TO INSTALLATION.
 2. THE VENTILATION AIR SHALL BE SUPPLIED BY A COMBINATION OF NATURAL AND MECHANICAL MEANS. 60% OF THE REQUIRED VENTILATION WILL BE PROVIDED BY THE WINDOW. THE REMAINING 40% SHALL BE PROVIDED BY MECHANICAL VENTILATION. IMC TABLE 403.3 REQUIRES 100 CFM INTERMITTENT FOR KITCHEN AREAS AND 15 CFM PER PERSON FOR LIVING AREAS. BASED ON 40% OF THE REQUIRED NATURAL VENTILATION TO BE PROVIDED BY THE MECHANICAL SYSTEM, THAT EQUATES TO 100 CFM + 15 CFM MULTIPLIED BY 40% = 46 CFM REQUIRED BY THE MECHANICAL SYSTEM. THE THRU WALL A/C UNIT WILL PROVIDE A MINIMUM OF 50 CFM MECHANICAL VENTILATION. THE UNIT SHALL ALSO BE PROGRAMMABLE AND SHALL CONTROL THE REQUIRED VENTILATION INDEPENDENT OF THE A/C OPERATION

BUILDING B STATISTICS

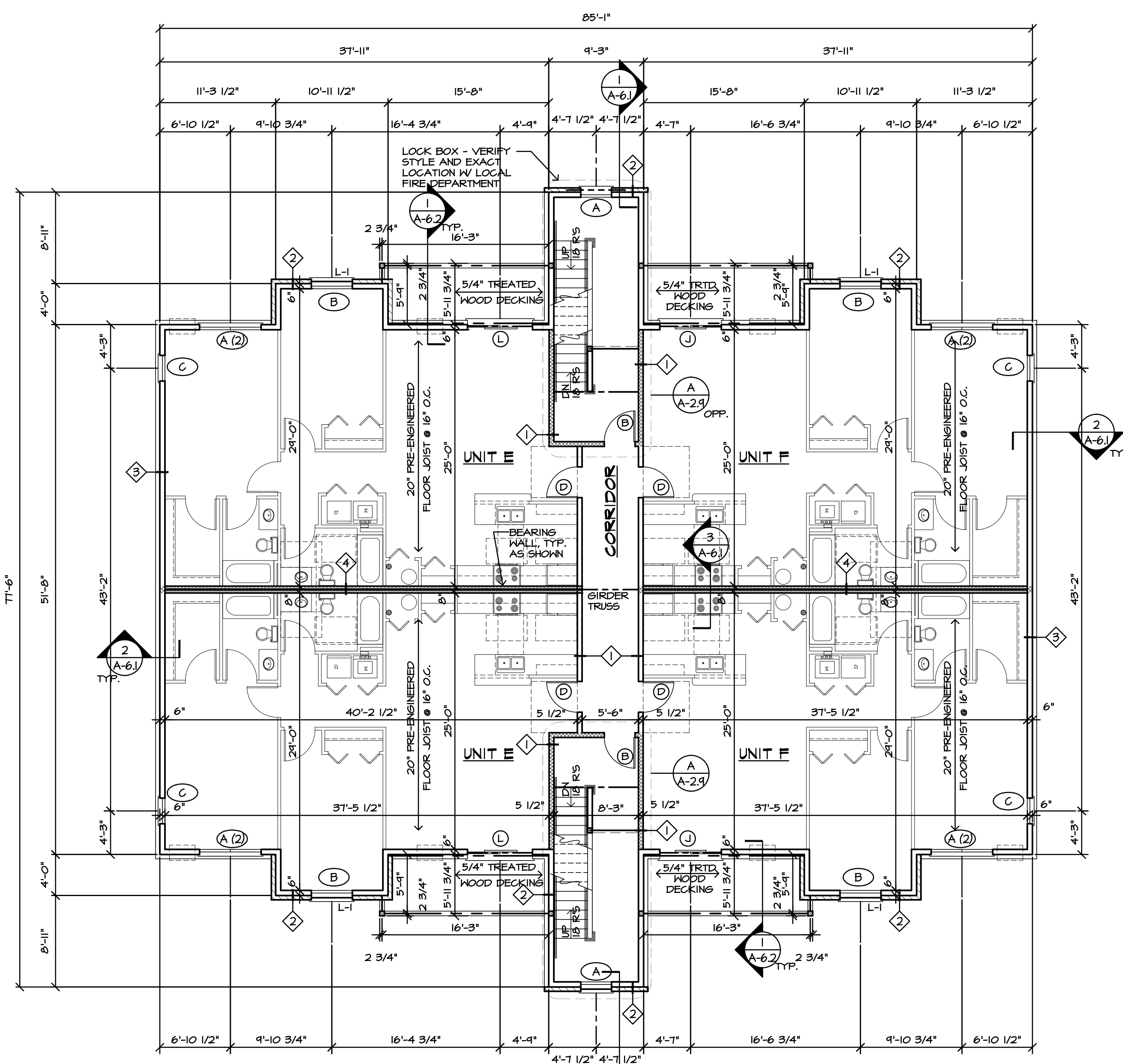
TYPE E UNIT = 2 BEDROOM, 2 BATH	1,013 S.F.	TOTAL UNITS = 6
TYPE F UNIT = 2 BEDROOM, 2 BATH	976 S.F.	TOTAL UNITS = 6
		TOTAL BUILDING UNITS = 12

NOTE: PROVIDE PORTABLE FIRE EXTINGUISHERS IN COMMON AREAS, MOUNTED IN CONSPICUOUS PLACES PER INTERNATIONAL FIRE CODE REQUIREMENTS - NUMBER AND LOCATION TO BE VERIFIED WITH FIRE INSPECTOR IN THE FIELD

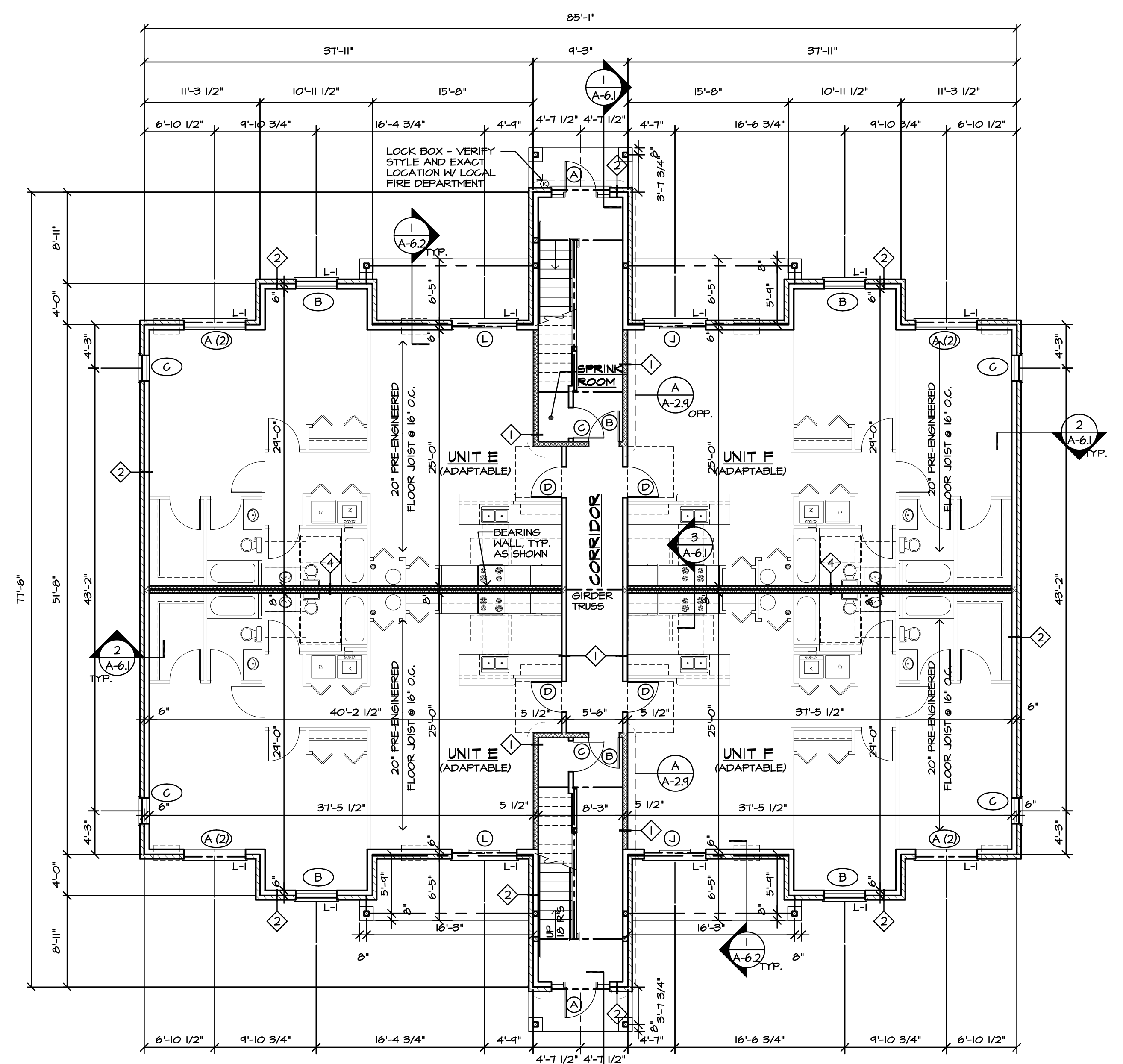
LIGHT & VENT SCHEDULE - UNIT F

ROOM	AREA (S.F.)	LIGHT		VENT	
		REQ'D. (8%)	ACTUAL	REQ'D. (4%)	ACTUAL
KITCHEN/LIVING RM	379	30.3	31.4	15.1	15.8
MASTER BATH	44	-	-	48.4 CFM	75 CFM
MASTER BEDROOM	178	14.2	27.8	7.12	13.3
BATH 2	54	-	-	54.4 CFM	75 CFM
BEDROOM 2	141	11.2	12.9	5.6	6.4

NOTE:
 1. THE ADDITIONAL LIGHT REQUIRED TO MEET CODE SHALL BE PROVIDED BY LIGHT FIXTURES. ANY INFORMATION REQUIRED FOR PERMIT SHALL BE SUBMITTED BY THE RESPECTIVE TRADES PRIOR TO INSTALLATION.
 2. THE VENTILATION AIR SHALL BE SUPPLIED BY A COMBINATION OF NATURAL AND MECHANICAL MEANS. 60% OF THE REQUIRED VENTILATION WILL BE PROVIDED BY THE WINDOW. THE REMAINING 40% SHALL BE PROVIDED BY MECHANICAL VENTILATION. IMC TABLE 403.3 REQUIRES 100 CFM INTERMITTENT FOR KITCHEN AREAS AND 15 CFM PER PERSON FOR LIVING AREAS. BASED ON 40% OF THE REQUIRED NATURAL VENTILATION TO BE PROVIDED BY THE MECHANICAL SYSTEM, THAT EQUATES TO 100 CFM + 15 CFM MULTIPLIED BY 40% = 46 CFM REQUIRED BY THE MECHANICAL SYSTEM. THE THRU WALL A/C UNIT WILL PROVIDE A MINIMUM OF 50 CFM MECHANICAL VENTILATION. THE UNIT SHALL ALSO BE PROGRAMMABLE AND SHALL CONTROL THE REQUIRED VENTILATION INDEPENDENT OF THE A/C OPERATION



SECOND FLOOR PLAN - BUILDING B
 SCALE: 1/8" = 1'-0"



FIRST FLOOR PLAN - BUILDING B
 SCALE: 1/8" = 1'-0"

REVISIONS	BY
6/17/20	RB
7/14/20	RB
7/17/20	RB

BUILDING B (12 UNITS)

FIRST FLOOR PLAN
 SECOND FLOOR PLAN

NEW APARTMENT BUILDINGS FOR:
 THE WOODS OF TERRA SPRINGS
 TERRA SPRINGS
 Volo, ILLINOIS

R.B. CUSTOM DESIGNS INC.
 2108 N. Johnson Road
 Johnson, Illinois 60050
 Phone: 815-754-4454
 Fax: 815-307-8200

Date: 3/4/20
 Scale: AS NOTED
 Drawn: RJB
 Job: 1432
 Sheet: A-2.7
 OF: 2 Sheets

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