

# ALURA APARTMENTS - VILLAGE AT DISCOVERY PARK

## APARTMENT BUILDING TYPE "B"

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

### PROJECT INFORMATION

SITE DATA					
SITE ZONING: (SEE CIVIL)					
SITE SIZE: (SEE CIVIL)					
SITE DENSITY: (SEE CIVIL)					
NO. OF PARKING SPACES: (SEE CIVIL)					
BUILDING DATA (BLDG. 2, 3, 7 & 12)					
DWELLING UNITS	LABEL	COMPLIANCE WITH	SQ FT	QTY	SUBTOTAL
1-BR-A	ANSI "B"	ANSI "B", FHA	692	15	10,380 SF
1-BR-A	ANSI "B"/AV	ANSI "B", FHA/AV	692	1	692 SF
1-BR-B	ANSI "B"	ANSI "B", FHA	795	7	5,565 SF
1-BR-B	ANSI "A"	ANSI "A", FHA	795	1	795 SF
1-BR-C	ANSI "B"	ANSI "B", FHA	572	4	2,288 SF
2-BR-A	ANSI "B"	ANSI "B", FHA	1051	8	8,408 SF
2-BR-B	ANSI "B"	ANSI "B", FHA	1137	8	9,096 SF
DWELLING UNIT AREA:			44		37,224 SF
NON-DWELLING AREA: BALCONIES, CORRIDOR, COMMON AREA & SPRINKLER ROOM					10,226 SF
TOTAL BUILDING AREA:					47,450 SF
TOTAL RENTAL UNITS: (44) TOTAL UNITS, PER BUILDING: (28) 1-BR UNITS, (16) 2-BR UNITS					
CODES AND REGULATIONS					
BLDG. & RELATED CODES: 2018 IPC, 2018 IRC, 2018 IMC, 2018 IECC					
ELECT. CODE: 2017 NEC					
FIRE CODE: 2018 IFC					
ACCESSIBILITY: 2009 ICC/ANSI A117.1, FAIR HOUSING ACT					
MISC.: ALL APPLICABLE FEDERAL, STATE, LOCAL CODES, LAWS AND ORDINANCES					
BUILDING CODE DATA					
USE GROUP: R-2					
CONSTRUCTION TYPE: IVA					
EXT. WALL CONSTRUCTION: 1-HR RATED EXTERIOR WALLS (RATED FROM INSIDE)					
OTHER CONSTRUCTION: 1/2-HR RATED CORRIDOR WALLS, 1-HR RATED UNIT SEPARATION WALLS, LOAD BEARING WALLS, ROOF/CEILING & FLOOR/CEILING ASSEMBLIES, 2-HR WALLS & ROOF/CEILING @ ELEVATOR & STAIR SHAFTS, UNRATED INTERIOR WALLS					
ALLOW. AREA PER FLOOR: R-2 = 12,000 SF					
AREA ADJUSTMENTS: FULL FRONTAGE INCREASE R-2 = 12,000(1.00-.25) x 30/30 = 9,000 SF/FLOOR INCREASE = 21,000 SF / FLOOR TOTAL ALLOWABLE FOR R-2					
ACTUAL AREA PER FLOOR: 1ST FLOOR = 12,101 SF, 2ND, 3RD & 4TH FLOORS = 11,783 SF EACH					
ALLOW. HEIGHT & FLOORS: R-2 = 60'-0", 4 STORIES					
HEIGHT ADJUSTMENTS: NONE REQUIRED, NONE TAKEN					
ACTUAL HEIGHT & FLOORS: 58'-4 1/2", 4 STORIES					
SPRINKLER SYSTEM: NFPA 13R DESIGNED AND INSTALLED BY ACCREDITED FIRE PROTECTION SYSTEM DESIGNER AND INSTALLER. PROTECTION SHALL INCLUDE ALL AREAS AS APPLICABLE BY LOCAL AND STATE CODES. COORDINATE WITH GC/OWNER REGARDING THE INSTALLATION OF THE WET/DRY FIRE SUPPRESSION SYSTEM FOR UNCONDITIONED FREEZE PROTECTION PER O.O CODE DATA, PROVIDE FLEXIBLE DRY HEADS AT BALCONIES, PROVIDE FREEZE PROTECTED SOFFITS AS REQUIRED ON THE TOP FLOOR PER O.O CODE DATA INFORMATION. THIS COORDINATION SHOULD BE INCLUDED IN THE BASE BID.					

### INDEX TO DRAWINGS

Sheet Number	Sheet Name	Sheet Issue Date	Current Revision Date	Current Revision Description
1 - COVER SHEET				
0.0B	COVER SHEET	15 APR 2025	18 FEB 2026	ASI #3
9P1.0B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.1B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.2B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
9P1.3B	SPECIFICATIONS	15 APR 2025	15 APR 2025	ISSUE SET
2 - STRUCTURAL (BY CROCKETT ENGINEERING CONSULTANTS)				
5100	GENERAL STRUCTURAL DATA	15 APR 2025	15 APR 2025	ISSUE SET
5200	FOUNDATION PLAN	15 APR 2025	16 JAN 2026	ASI #2
5210	FOUNDATION DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
5211	FOUNDATION DETAILS	15 APR 2025	16 JAN 2026	ASI #2
5300	2ND FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
5300A	SHEAR WALL PLAN	15 APR 2025	15 APR 2025	ISSUE SET
5400	3RD FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
5500	4TH FLOOR FRAMING PLAN	15 APR 2025	16 JAN 2026	ASI #2
5510	FLOOR FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
5511	FLOOR FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
5600	ROOF FRAMING PLAN	15 APR 2025	18 FEB 2026	ASI #3
5610	ROOF FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
5611	ROOF FRAMING DETAILS	15 APR 2025	31 OCT 2025	ASI #1
5612	ROOF FRAMING DETAILS	15 APR 2025	16 JAN 2026	ASI #2
3 - ARCHITECTURAL				
A1.0B	FIRST FLOOR BUILDING PLAN	15 APR 2025	16 MAY 2025	ADDENDUM #1
A1.1B	SECOND FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.2B	THIRD FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.3B	FOURTH FLOOR BUILDING PLAN	15 APR 2025	15 APR 2025	ISSUE SET
A1.4B	1-BR UNIT DIMENSION PLANS, DOOR SCHEDULE, NOTES & WALL TYPES	15 APR 2025	15 APR 2025	ISSUE SET
A1.5B	2-BR UNIT DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.6B	ENLARGED COMMON AREA DIMENSION PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.7B	1-BR ACCESSIBILITY PLANS & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A1.8B	2-BR ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A1.9B	ENLARGED COMMON AREA ACCESSIBILITY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A2.0B	ROOF PLAN, DETAILS & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A3.0B	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A3.1B	EXTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.0B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.1B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.2B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.3B	WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.4B	ELEVATOR WALL SECTIONS	15 APR 2025	15 APR 2025	ISSUE SET
A4.5B	STAIR SHAFT WALL SECTION & DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.6B	FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.7B	FRAMING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A4.8B	FLASHING DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A5.0B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.1B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.2B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.3B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.4B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.5B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A5.6B	FIRE RATED ASSEMBLIES	15 APR 2025	15 APR 2025	ISSUE SET
A6.0B	1-BR FINISH PLANS, FINISH SCHEDULE & NOTES	15 APR 2025	15 APR 2025	ISSUE SET
A6.1B	2-BR FINISH PLANS & FINISH SCHEDULE	15 APR 2025	15 APR 2025	ISSUE SET
A6.2B	COMMON AREA FINISH PLANS & FINISH SCHEDULE	15 APR 2025	16 MAY 2025	ADDENDUM #1
A7.0B	INTERIOR ELEVATIONS NOTES AND DETAILS	15 APR 2025	15 APR 2025	ISSUE SET
A7.1B	1-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.2B	1-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.3B	2-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A7.4B	2-BR INTERIOR ELEVATIONS	15 APR 2025	15 APR 2025	ISSUE SET
A8.0B	1ST & 2ND FLOOR REFLECTED CEILING PLANS	15 APR 2025	15 APR 2025	ISSUE SET
A8.1B	3RD & 4TH FLOOR REFLECTED CEILING PLANS	15 APR 2025	15 APR 2025	ISSUE SET
LS1.0B	1ST & 2ND FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET
LS1.1B	3RD & 4TH FLOOR LIFE SAFETY PLANS	15 APR 2025	15 APR 2025	ISSUE SET

NOTE: INDEX TO DRAWINGS HAS BEEN UPDATED TO REFLECT THE SHEETS REVISED BY ASI #3.

ARCHITECT'S JOB NO. 4938

### PROJECT LOCATION MAP



### SIGNATURE AREAS

NOTE: PROJECT CONSTRUCTION MUST BE IN COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES, LAWS, AND REGULATIONS AS ENUMERATED ELSEWHERE IN THE PLANS AND SPECIFICATIONS.

ARCHITECT: WALLACE ARCHITECTS, LLC  
302 CAMPUSVIEW DRIVE SUITE 208, COLUMBIA, MO 65201  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

OWNER: THE VILLAGE AT DISCOVERY PARK, LLC  
3622 ENDEAVOR AVE., STE. 101, COLUMBIA, MO 65201  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

CONTRACTOR: INTRINSIC DEVELOPMENT, LLC  
3622 ENDEAVOR AVE., STE. 101, COLUMBIA, MO 65201  
BY: \_\_\_\_\_ DATE: \_\_\_\_\_

PM: RS DT: TY  
PC: CD QC: MK

PLAN SET NO. \_\_\_\_\_

ASI #3

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW  
1:45:56

M. RANDALL PORTER  
2012006244  
ARCHITECT  
18 FEB 2026  
M. RANDALL PORTER  
ARCHITECT LICENSE#  
A-2012006244

ALURA APARTMENTS - VILLAGE AT DISCOVERY PARK  
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

Wallace  
ARCHITECTS L.L.C.  
Columbia, MO  
P 573-258-7200

WALLACE ARCHITECTS, LLC  
MISSOURI STATE CERTIFICATE OF AUTHORITY: 2003019614  
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1ST ISSUE  
15 APR 2025

ISSUE/REVISIONS  
▲ 15 APR 2025 ISSUE SET  
▲ 16 MAY 2025 ADDENDUM #1  
▲ 31 OCT 2025 ASI #1  
▲ 16 JAN 2026 ASI #2  
▲ 18 FEB 2026 ASI #3

0.0B  
JOB NO.  
4938

REVISIONS:

No.	Date
ISSUE SET	04/15/2025
ASI #1	10/31/2025
ASI #2	01/16/2026
ASI #3	02/18/2026

THIS SHEET HAS BEEN SKINNED  
SEALED AND DATED ELECTRONICALLY

STRUCTURAL ENGINEER:  
**CROCKETT**  
ENGINEERING CONSULTANTS  
1000 W. Nibbrig Blvd. Suite 1  
Columbia, Missouri 65203  
(573) 447-0092  
www.crockettengineering.com  
Crockett Engineering Consultants, LLC  
Missouri Certificate of Authority  
#20031001

CLIENT:  
**INTRINSIC DEVELOPMENT**  
3622 ENDAVOR AVE.  
COLUMBIA, MISSOURI

**Alura Village Apartment Building Type "B"**  
Lee's Summit, Jackson County, Missouri

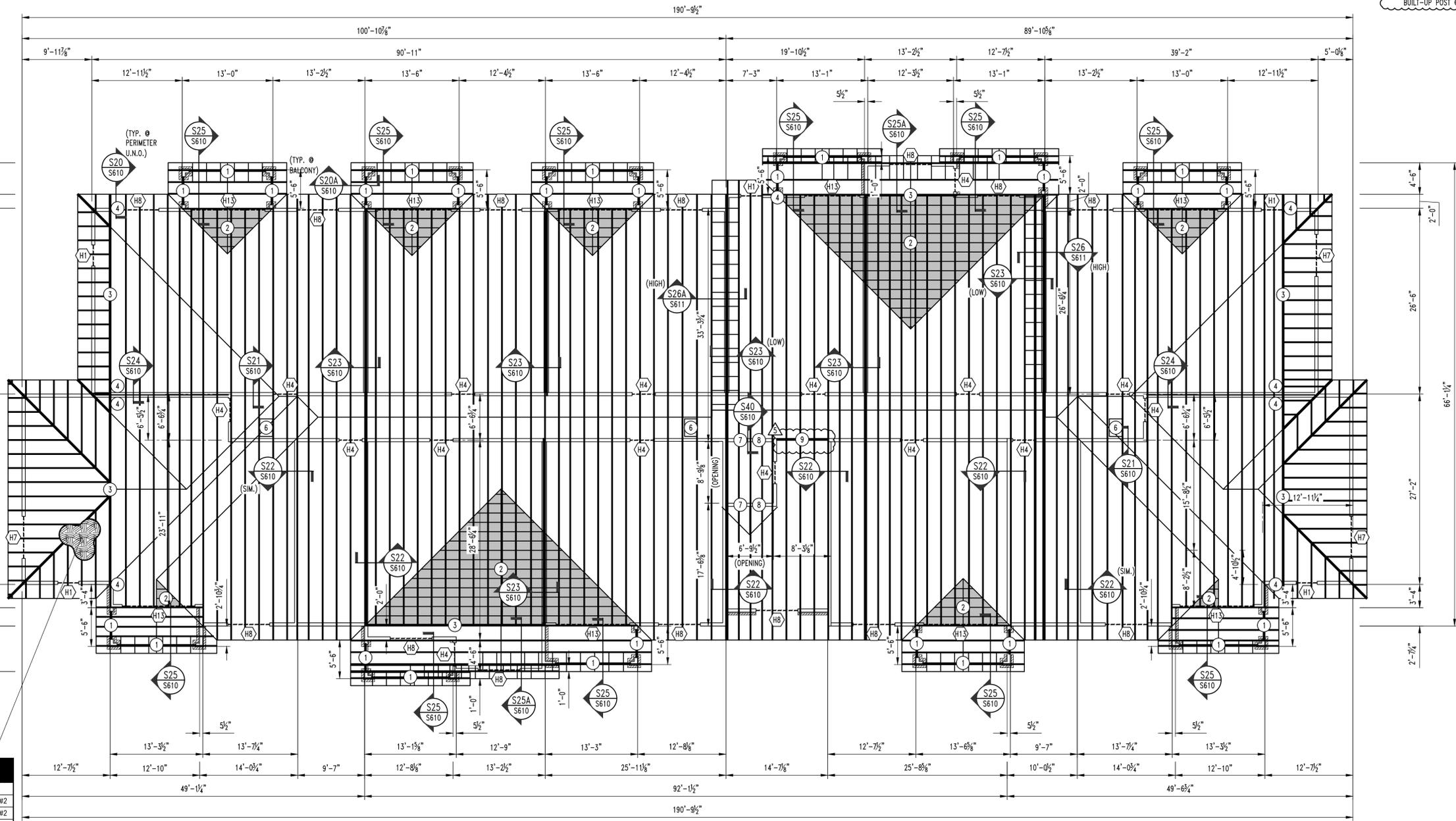
DRAWING INCLUDES:  
ROOF FRAMING PLAN

DESIGNED: JWW  
DRAWN: SEH  
PROJECT NO.: 230286  
SHEET: S600

NOTE:  
ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING;  
EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE  
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.

**ROOF FRAMING NOTES**

- (2) TREATED So. PINE No.2 2x10's w/ 2-PLY BUILT-UP POST @ EACH END.
- FRAME ROOF OVER PRE-ENGINEERED TRUSSES TO CREATE RIDGE, VALLEY, OR HIP AS SHOWN w/ No.1/No.2 SPF 2x RAFTERS @ 16" O.C. OR PRE-ENGINEERED ROOF TRUSSES @ 2'-0" O.C. MAX.
- GIRDER TRUSS
- 3-PLY BUILT-UP POST BENEATH GIRDER TRUSS THIS LEVEL TO FLOOR SLAB CONNECTIONS ARE AS FOLLOWS:  
FLOOR SLAB: SIMPSON LITP2  
FLOOR FRAMING STUD ATTACHMENT: SIMPSON WSTC52  
ROOF TRUSS: BY TRUSS MANUFACTURER
- REFER TO TYPICAL GIRDER TO HEADER DETAIL ON SHEET S612.
- ROOF HATCH REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 5-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK CENTERED BELOW HOIST BEAMED AND ON ELEVATOR RAIL. (CONTINUOUS THROUGH FLOOR FRAMING)
- 3-PLY 1.75x5.5 MICROLAM LVL 2.0E STUD PACK CENTERED BELOW FALL PROTECTION BEAM. (CONTINUOUS THROUGH FLOOR FRAMING)
- (2) DF SEL. STR. 2x10'S FASTENED w/ SIMPSON HUCQ210-2-SDS TO 3-PLY BUILT-UP POST @ EACH END.



1/8" ROOF SHEATHING FASTENED w/  
10d NAILS @ 6" O.C. @ PERIMETER / 12" O.C. FIELD  
OVER PRE-ENGINEERED ROOF TRUSSES @ 24" O.C. MAX.  
(TRUSS BEARING ELEV. = 141'-6 3/4")

HEADER SCHEDULE			
LABEL	HEADER	CRIPPLE/JACK	JAMBUKING
"H1"	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H2"	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H3"	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H4"	2 Ply 2x8 Doug Fr #2	Single Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H5"	2 Ply 2x8 Doug Fr #2	2 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H6"	2 Ply 2x8 Doug Fr #2	4 Ply 2x6 SPF #2	Single Ply 2x6 SPF #2
"H7"	2 Ply 2x10 Doug Fir Sel. Struct	Single Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H8"	2 Ply 2x10 Doug Fir Sel. Struct	2 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H9"	2 Ply 2x10 Doug Fir Sel. Struct	3 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H10"	2 Ply 2x10 Doug Fir Sel. Struct	5 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H11"	2 Ply 2x10 Doug Fir Sel. Struct	6 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H12"	2 Ply 2x10 Doug Fir Sel. Struct	7 Ply 2x6 SPF #2	2 Ply 2x6 SPF #2
"H13"	3 Ply 2x10 Doug Fir Sel. Struct	2 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H14"	3 Ply 1.75x11.25 Microlam LVL 2.0E	3 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H15"	3 Ply 1.75x11.25 Microlam LVL 2.0E	4 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H16"	3 Ply 1.75x11.25 Microlam LVL 2.0E	5 Ply 2x6 SPF #2	3 Ply 2x6 SPF #2
"H21"	2 Ply 2x8 Doug Fr #2	Single Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H22"	2 Ply 2x8 Doug Fr #2	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H23"	2 Ply 2x8 Doug Fr #2	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H24"	2 Ply 2x10 Doug Fir Sel. Struct	2 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H25"	2 Ply 2x10 Doug Fir Sel. Struct	3 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2
"H26"	2 Ply 2x10 Doug Fir Sel. Struct	4 Ply 2x4 SPF #2	Single Ply 2x4 SPF #2

**APARTMENT BUILDING TYPE "B" ROOF FRAMING PLAN**

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

1  
S600

