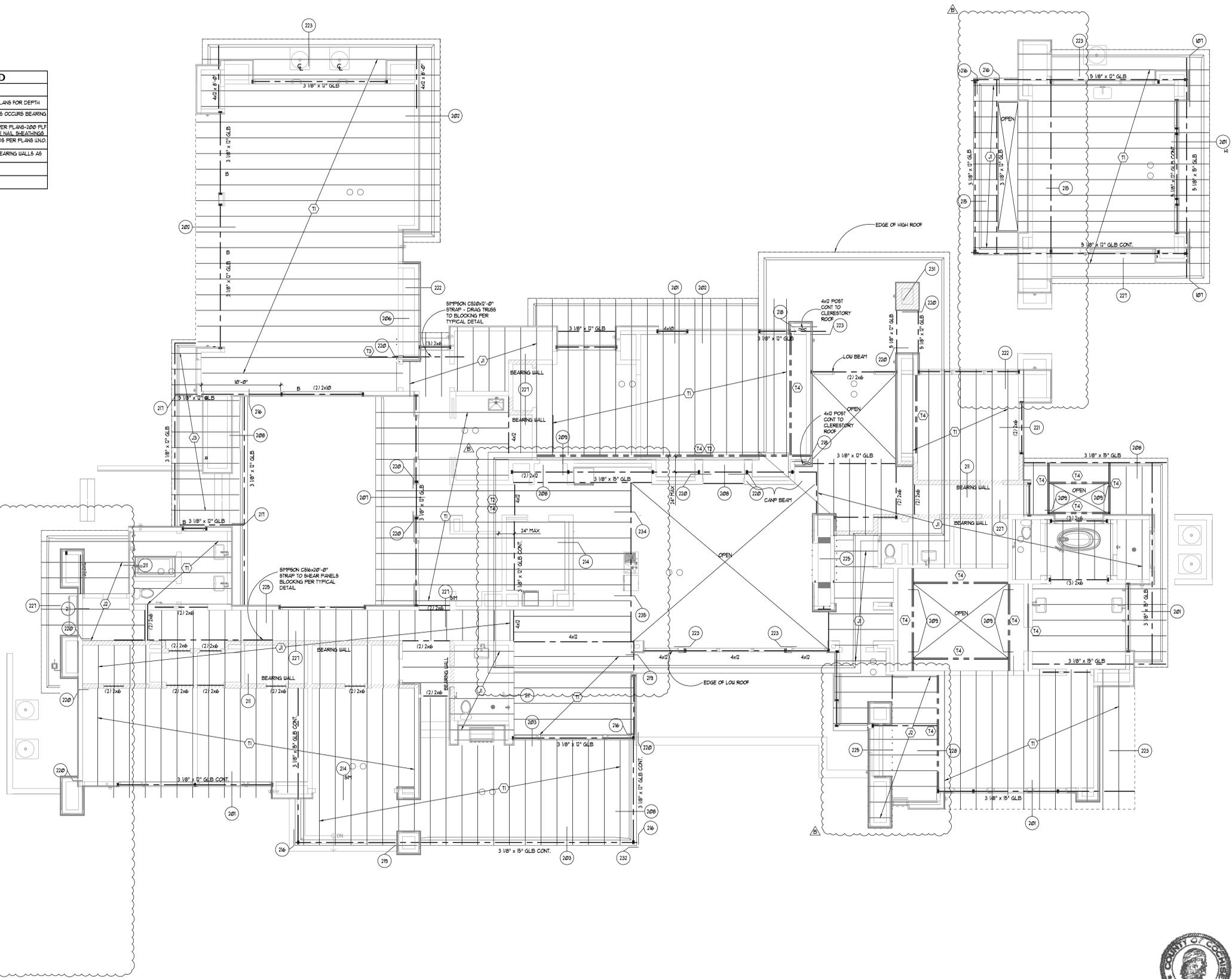






TRUSS SCHEDULE - PREFAB WOOD			
MARK	TYPE	SPACING	REMARKS
(T)	FLAT	24" O.C.	SEE ARCH'L PLANS FOR DEPTH
(T)	FLAT	24" O.C.	THREE FOUR AS OCCURS BEARING LOCATIONS
(T)	DRAG	24" O.C.	DRAG LOAD PER PLANS-200 PLF MIN UNDO. EDGE NAIL SHEATHING
(T)	GIRDER	24" O.C.	FRAMING LOADS PER PLANS UNDO.
(J)	2x6 RAFTER	24" O.C.	CONT. OVER BEARING WALLS AS OCCURS
(J)	2x6 RAFTER	24" O.C.	
(J)	2x6 RAFTER	24" O.C.	

NOTE: PROVIDE DUCT OPENINGS IN TRUSS FOR MECH. DUCTS PER MECH. PLANS



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 13416 NORTH 32nd STREET  
 SUITE 100  
 PHOENIX, ARIZONA 85032  
 PHONE: (602) 971-3033



FRAMING PLAN  
 PLAN NAME  
**SMITH RESIDENCE**  
 SIERRA VISTA, AZ

CONSTRUCTION DOCUMENTS FOR:  
**SWABACK ARCHITECTS AND PLANNERS PLLC**  
 1550 E McDONALD DRIVE  
 SCOTTSDALE, ARIZONA 85250

PROJECT No. 23-0515

REVISIONS	BY
NON-STR. 06/05/2025	GD.
VELOCITER CHANGES 06/05/2025	GD.

DRAWN BY: P. HOLLAND  
 CHECKED BY: G. BREWER  
 SCALE: AS SHOWN  
 DATE: 06/05/2025

SHEET No. **S2.1**

**ROOF FRAMING PLAN**  
 SCALE: 3/16" = 1'-0"









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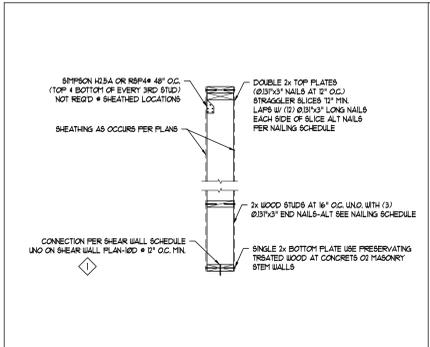


STRUCTURAL DETAILS  
 PLAN NAME  
**SMITH RESIDENCE**  
 SIERRA VISTA, AZ

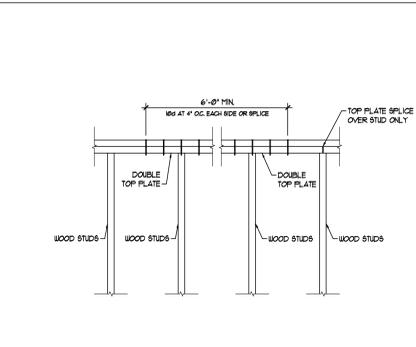
CONSTRUCTION DOCUMENTS FOR:  
**SWABACK ARCHITECTS AND PLANNERS PLLC**  
 1550 E McDONALD DRIVE  
 SCOTTSDALE, ARIZONA 85250

PROJECT NO. 23-0575

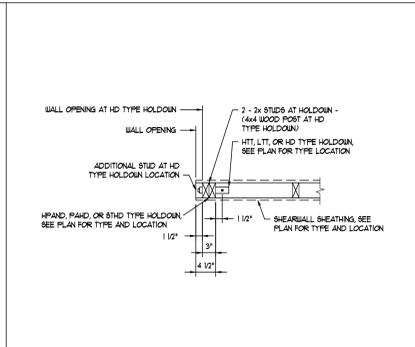
REVISIONS	BY
NON-STR. 06/05/2025	GD.
VEICHER CHANGES 06/05/2025	GD.
DRAWN BY: P. ADOLPH	SHEET NO.
CHECKED BY: G. BREWER	SD01
SCALE: AS SHOWN	DATE: 06/05/2025



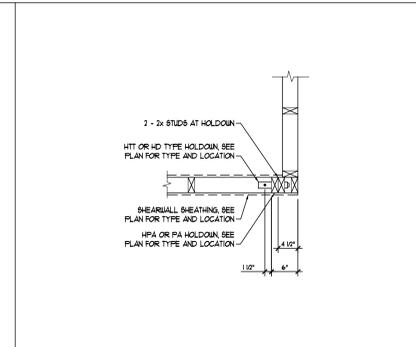
021 TYPICAL WOOD STUD WALL SCALE: 3/4" = 1'-0"



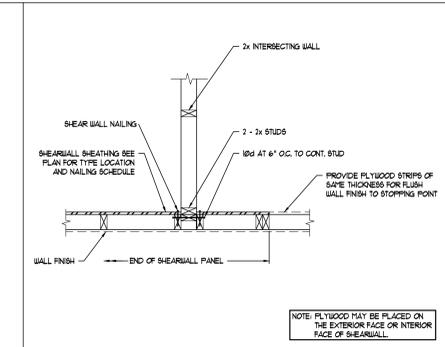
022 TYPICAL SPLICE OF TOP PLATES SCALE: 3/4" = 1'-0"



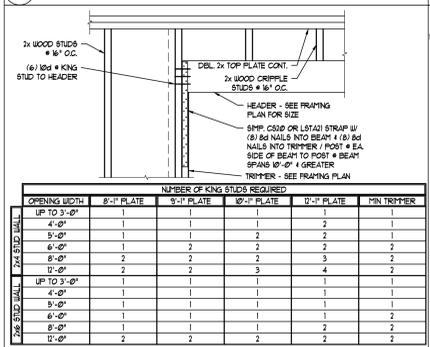
023 PLAN VIEW - HOLD-DOWN AT OPENING SCALE: 3/4" = 1'-0"



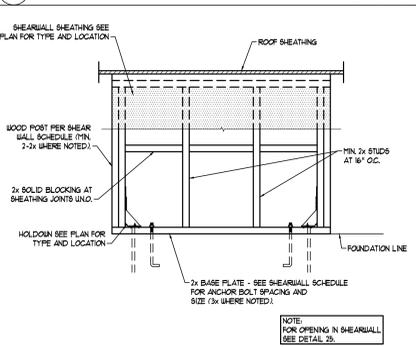
024 PLAN VIEW - HOLD-DOWN AT CORNER SCALE: 3/4" = 1'-0"



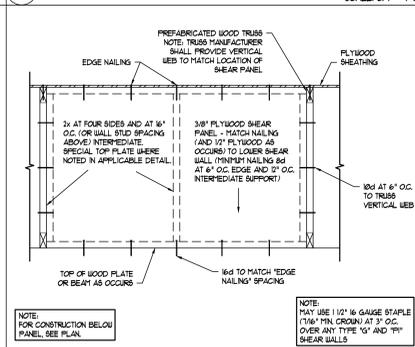
025 PLAN VIEW - SHEARWALL AT PARTITION SCALE: 3/4" = 1'-0"



026 WINDOW AND/OR DOOR HEADER SCALE: 3/4" = 1'-0"



027 TYPICAL ONE STORY SHEAR PANEL SCALE: 3/4" = 1'-0"



028 TYPICAL SHEAR PANEL SCALE: 3/4" = 1'-0"

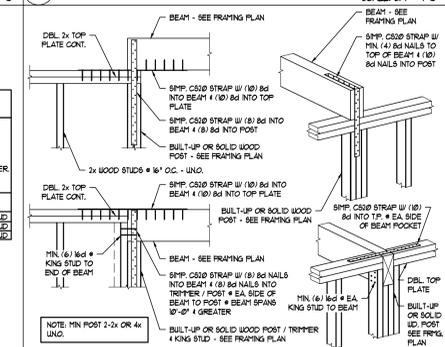
TYPICAL CEILING JOIST SCHEDULE

NOTES:  
 1. CEILING JOISTS AT 24" O.C. MAXIMUM.  
 2. CONTINUOUS 2 X 4 BRIDGES WITH 1 - 1/8" PER JOIST SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 15' (SPACING).  
 3. FOR GENERAL NOTES REGARDING LEDGERS, SEE LEDGER SCHEDULE.  
 4. IF JOIST SPANS ARE ENCOUNTERED IN EXCESS OF THOSE TABULATED BELOW, NOTIFY THE STRUCTURAL ENGINEER.  
 5. JOISTS DESIGNED FOR 5 PSF DEAD LOAD AND 10 PSF LIVE LOAD. IF LOADS ENCOUNTERED ARE GREATER, NOTIFY THE STRUCTURAL ENGINEER.

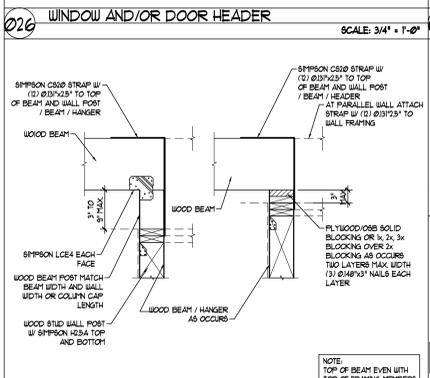
JOIST SIZE	MAXIMUM SPAN (SPACING)	LEDGER AT MAZONRY WALL	LEDGER AT STUD WALL
2 X 4 @ 16" O.C.	12'-0"	3 X 6 WITH 3/4" JAB AT 48" O.C.	2 X 4 WITH 2 - 1/8" NAILS PER STUD
2 X 4 @ 12" O.C.	12'-0"	3 X 6 WITH 3/4" JAB AT 48" O.C.	2 X 4 WITH 2 - 1/8" NAILS PER STUD
2 X 4 @ 8" O.C.	12'-0"	3 X 6 WITH 3/4" JAB AT 48" O.C.	2 X 4 WITH 2 - 1/8" NAILS PER STUD

WITH SIMPSON LUS HANGERS UNO.

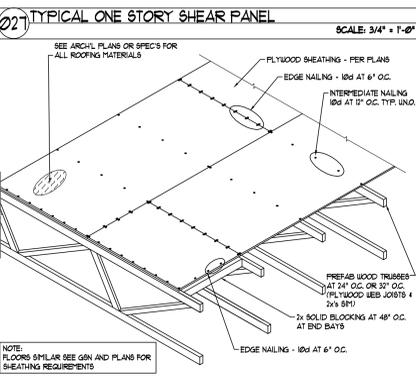
029 TYPICAL CEILING JOIST SCHEDULE SCALE: 3/4" = 1'-0"



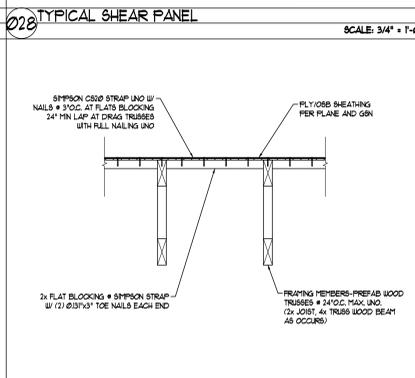
030 TYPICAL BEAM @ WALL CONNECTIONS SCALE: 3/4" = 1'-0"



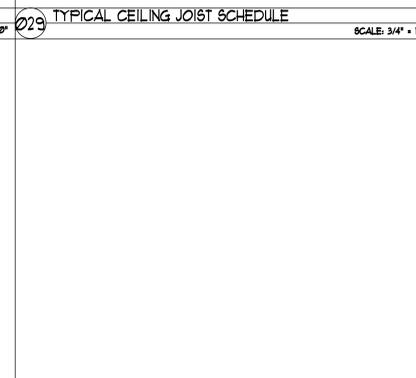
031 TYPICAL RAISED WOOD BEAM CONNECTIONS SCALE: 3/4" = 1'-0"



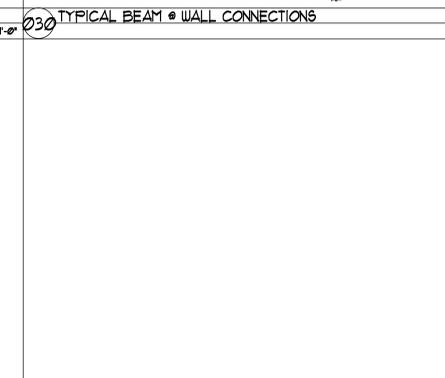
032 TYPICAL ROOF PLYWOOD AT PREFAB WOOD TRUSSES SCALE: 3/4" = 1'-0"



033 TYPICAL BLOCKING AT SIMPSON STRAP SCALE: 3/4" = 1'-0"



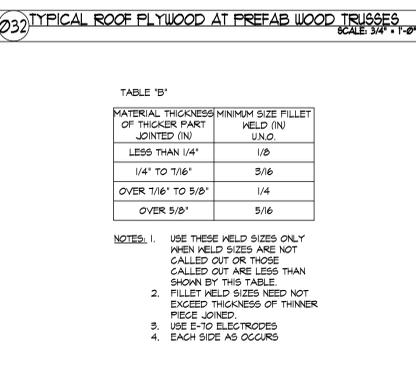
034 TYPICAL MINIMUM SIZE FILLET WELDS SCALE: 3/4" = 1'-0"



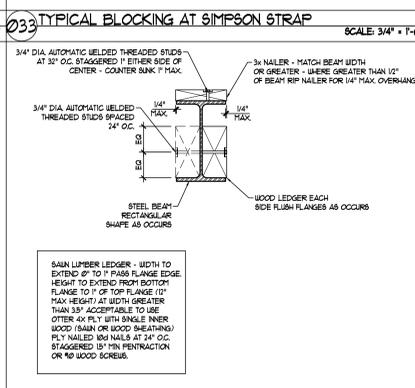
035 TYPICAL STEEL BEAM LEDGERS / NAILER SCALE: 3/4" = 1'-0"



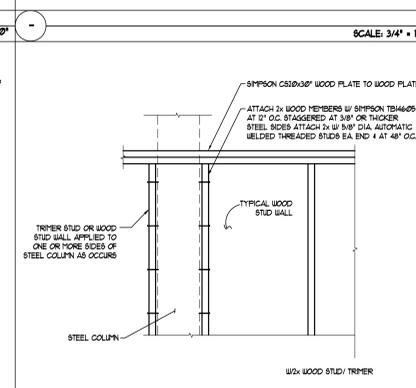
036 TYPICAL STEEL COLUMN AT WOOD STUD WALL SCALE: 3/4" = 1'-0"



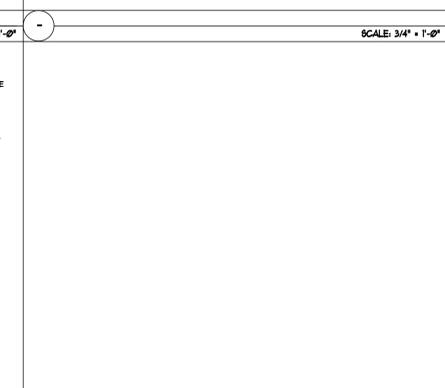
037 TYPICAL STEEL BEAM LEDGERS / NAILER SCALE: 3/4" = 1'-0"



038 TYPICAL STEEL COLUMN AT WOOD STUD WALL SCALE: 3/4" = 1'-0"



039 TYPICAL STEEL COLUMN AT WOOD STUD WALL SCALE: 3/4" = 1'-0"



040 TYPICAL STEEL COLUMN AT WOOD STUD WALL SCALE: 3/4" = 1'-0"

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 PHONE: (602) 971-3033



STRUCTURAL DETAILS  
 PLAN NAME  
**SMITH RESIDENCE**  
 SIERRA VISTA, AZ

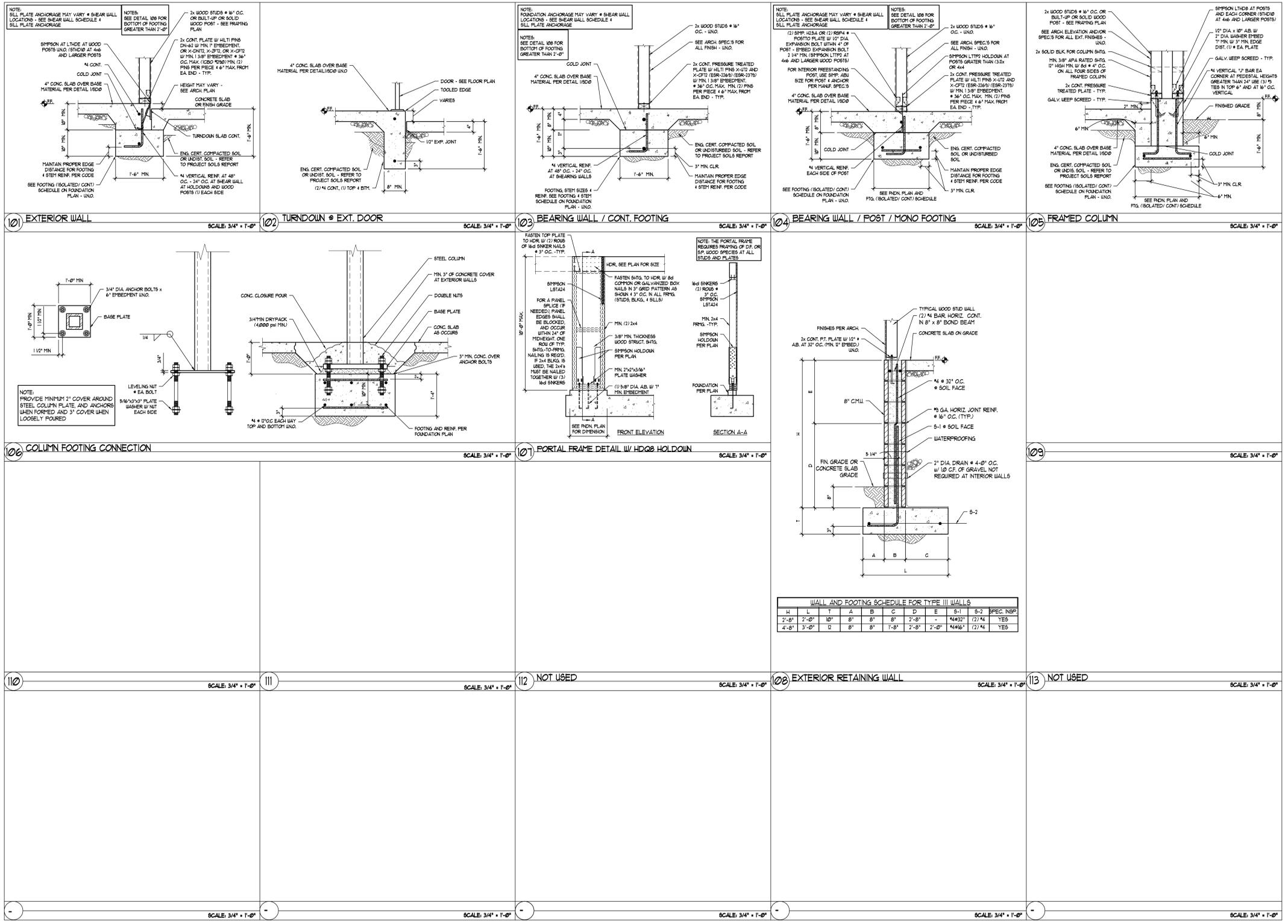
CONSTRUCTION DOCUMENTS FOR:  
**SWABACK ARCHITECTS AND PLANNERS PLLC**  
 1550 E McDONALD DRIVE  
 SCOTTSDALE, ARIZONA 85250

PROJECT No. 23-0575

REVISIONS	BY
NON-STR. 06/05/2025	G.D.
VELOCITY CHANGES 06/05/2025	G.D.

DRAWN BY: P. ADOLPH  
 CHECKED BY: G. DREYER  
 SCALE: AS SHOWN  
 DATE: 06/05/2025

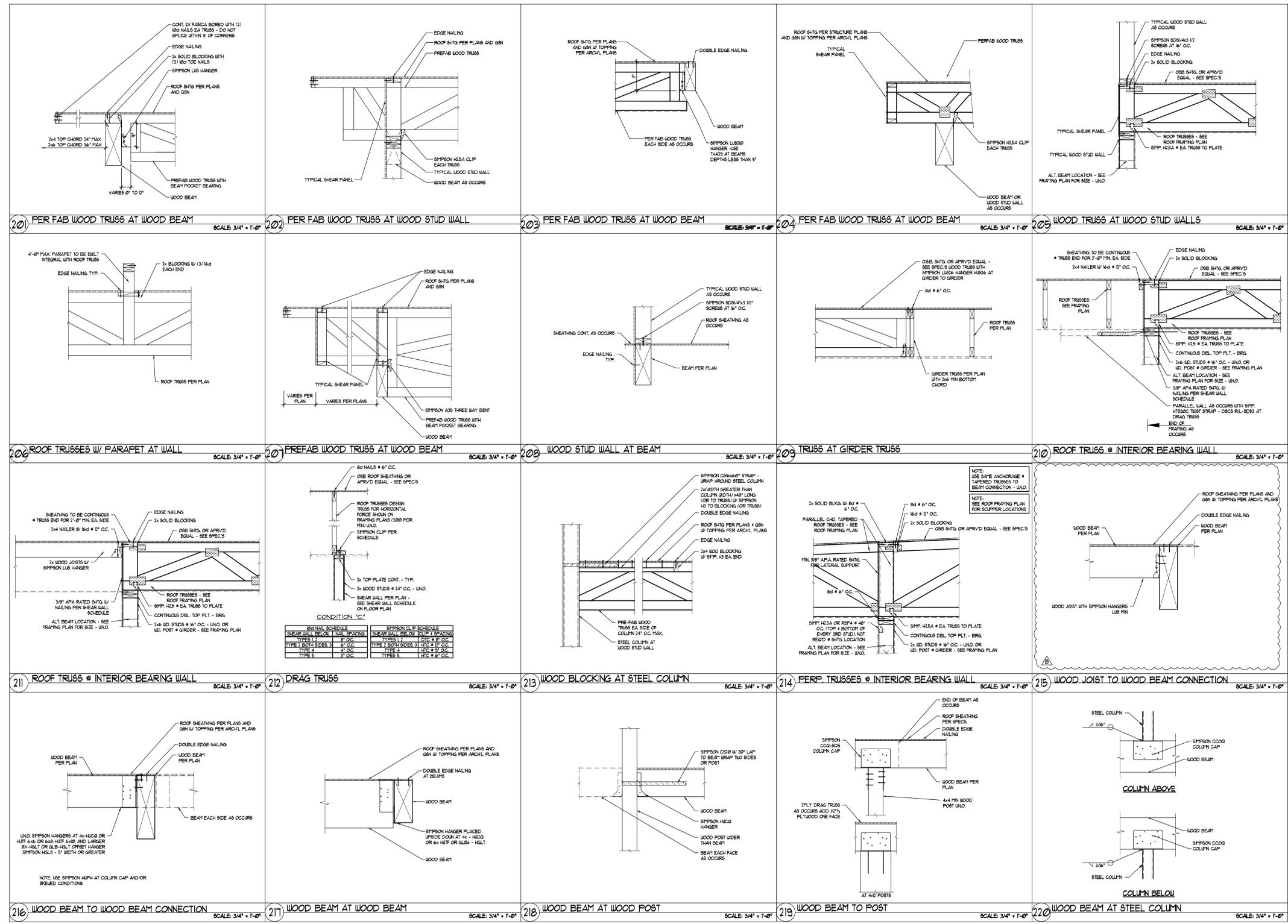
SHEET No. **SD1**



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 PHONE: (602) 971-3033



STRUCTURAL DETAILS  
 PLAN NAME  
**SMITH RESIDENCE**  
 SIERRA VISTA, AZ

CONSTRUCTION DOCUMENTS FOR:  
**SWABACK ARCHITECTS AND PLANNERS PLLC**  
 1550 E McDONALD DRIVE  
 SCOTTSDALE, ARIZONA 85250

PROJECT NO. 23-0575

REVISIONS	BY
NON-STR. 06/05/2025	GD
VECHNER CHANGES 06/05/2025	GD

DRAWN BY: P. ADOLPH  
 CHECKED BY: G. BREWER  
 SCALE: AS SHOWN  
 DATE: 06/05/2025

SHEET NO. **SD2**



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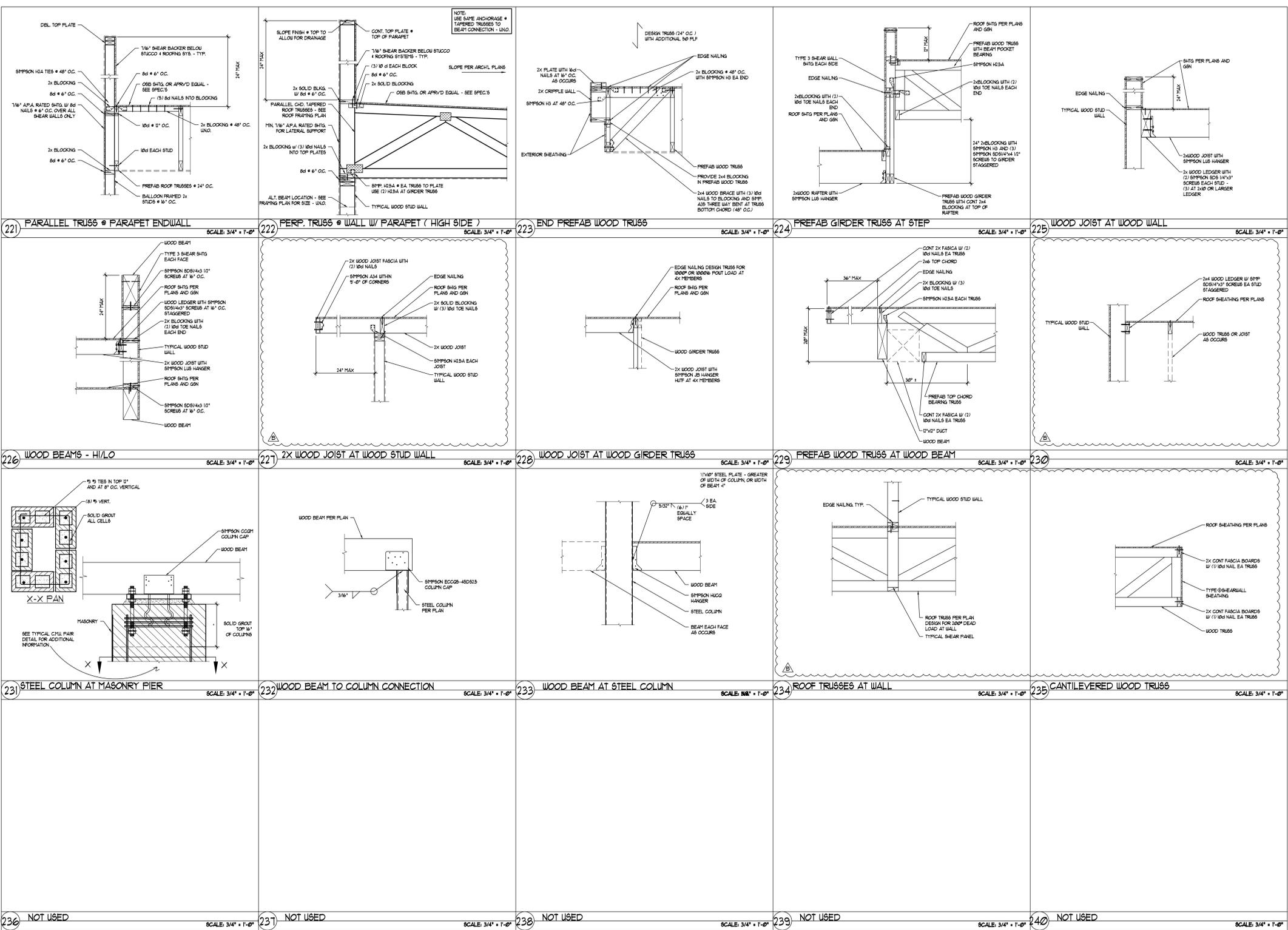


STRUCTURAL DETAILS  
 PLAN NAME  
**SMITH RESIDENCE**  
 SIERRA VISTA, AZ

CONSTRUCTION DOCUMENTS FOR:  
**SWABACK ARCHITECTS AND PLANNERS PLLC**  
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PROJECT No. 23-0575

REVISIONS	BY
NON-STR. 06/05/2025	GD.
VECHNER CHANGES 06/05/2025	GD.
DRAWN BY: P. HOLLAND	SHEET No.
CHECKED BY: G. DREER	SD3
SCALE: AS SHOWN	DATE: 06/05/2025



236 NOT USED SCALE: 3/4" = 1'-0" 237 NOT USED SCALE: 3/4" = 1'-0" 238 NOT USED SCALE: 1/8" = 1'-0" 239 NOT USED SCALE: 3/4" = 1'-0" 240 NOT USED SCALE: 3/4" = 1'-0"