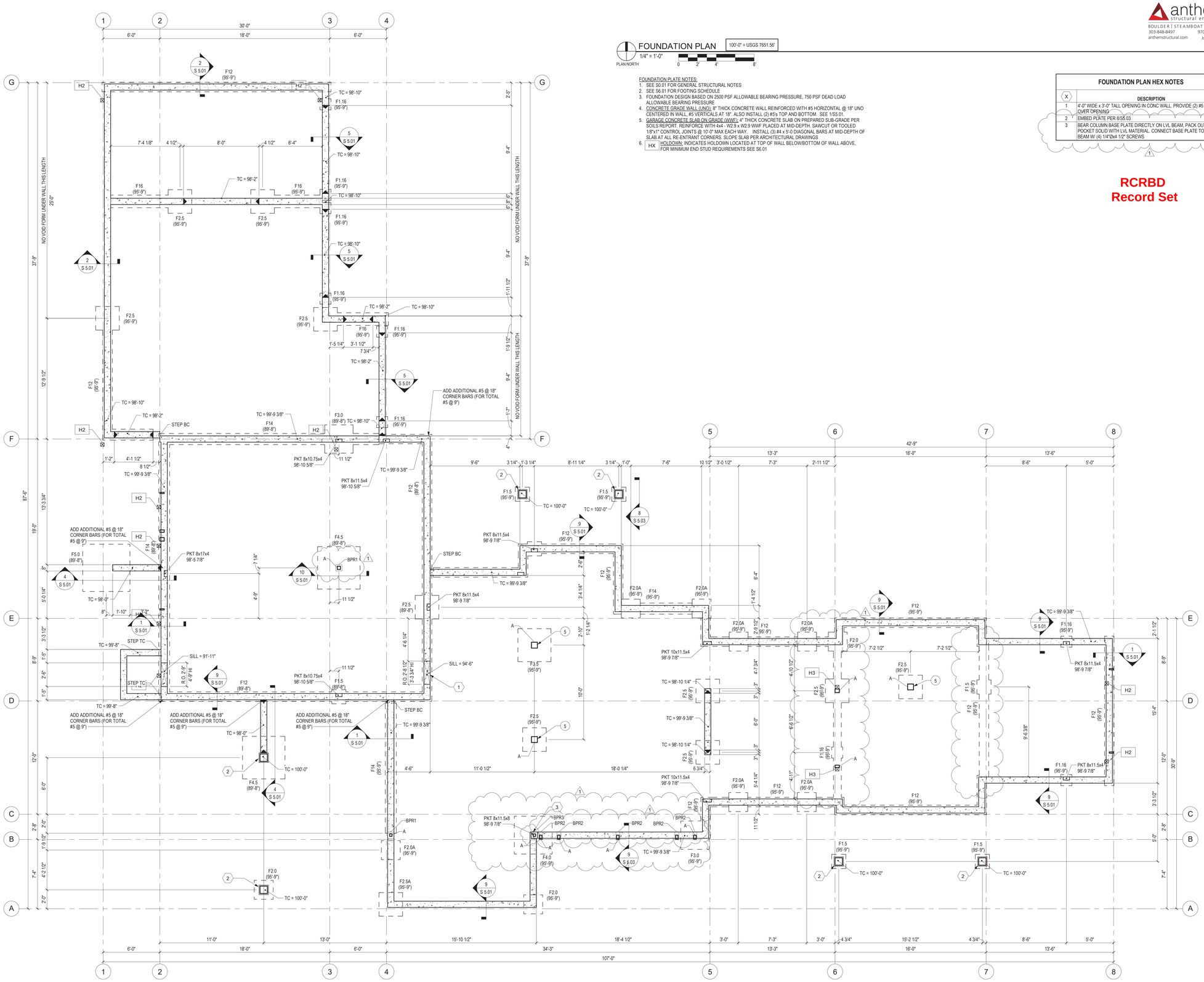
anthem structural engineers
BOULDER | STEAMBOAT SPRINGS
303-848-8497 970-300-3338
anthemstructural.com Job #19-112

FOUNDATION PLAN

1/4" = 1'-0"

PLAN NORTH

100'-0" = USGS 7651.56'



FOUNDATION PLATE NOTES:

1. SEE S0.01 FOR GENERAL STRUCTURAL NOTES
2. SEE S6.01 FOR FOOTING SCHEDULE
3. FOUNDATION DESIGN BASED ON 2500 PSF ALLOWABLE BEARING PRESSURE, 750 PSF DEAD LOAD ALLOWABLE BEARING PRESSURE
4. CONCRETE GRADE WALL (UNO): 8" THICK CONCRETE WALL REINFORCED WITH #5 HORIZONTAL @ 18" UNO CENTERED IN WALL. #5 VERTICALS AT 18". ALSO INSTALL (2) #5's TOP AND BOTTOM. SEE 1/S5.01.
5. GARAGE CONCRETE SLAB ON GRADE (WWF): 4" THICK CONCRETE SLAB ON PREPARED SUB-GRADE PER SOILS REPORT. REINFORCE WITH 4x4 - W2.9 x W2.9 WWF PLACED AT MID-DEPTH. SAWCUT OR TOOLED 1/8"x1" CONTROL JOINTS @ 10'-0" MAX EACH WAY. INSTALL (3) #4 x 5'-0 DIAGONAL BARS AT MID-DEPTH OF SLAB AT ALL RE-ENTRANT CORNERS. SLOPE SLAB PER ARCHITECTURAL DRAWINGS
6. HX HOLDOWN: INDICATES HOLDOWN LOCATED AT TOP OF WALL BELOW/BOTTOM OF WALL ABOVE, FOR MINIMUM END STUD REQUIREMENTS SEE S6.01

FOUNDATION PLAN HEX NOTES

X	DESCRIPTION
1	4'-0" WIDE x 3'-0" TALL OPENING IN CONC WALL. PROVIDE (2) #5 BARS OVER OPENING
2	EMBED PLATE PER S/S5.03
3	BEAR COLUMN BASE PLATE DIRECTLY ON LVL BEAM. PACK OUT BEAM POCKET SOLID WITH LVL MATERIAL. CONNECT BASE PLATE TO LVL BEAM W/ (4) 1/4"Øx4 1/2" SCREWS

RCRBD
Record Set

VERTICAL ARTS
ARCHITECTURE
PLANNING
LANDSCAPE
INTERIORS

Copyright VERTICAL ARTS, INC.
All Rights Reserved

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Vertical Arts Inc. and is not to be used, in whole or in part, for any other project without the written authorization from a principal of Vertical Arts, Inc.

COLORADO LICENSED PROFESSIONAL ENGINEER 49866 2019-10-15

JANES RESIDENCE
55950 HANNAHS WAY
CLARK, CO 80428
#1816

ISSUE NAME	DATE
CONSTRUCTION SET	10.14.19

DRAWING TITLE

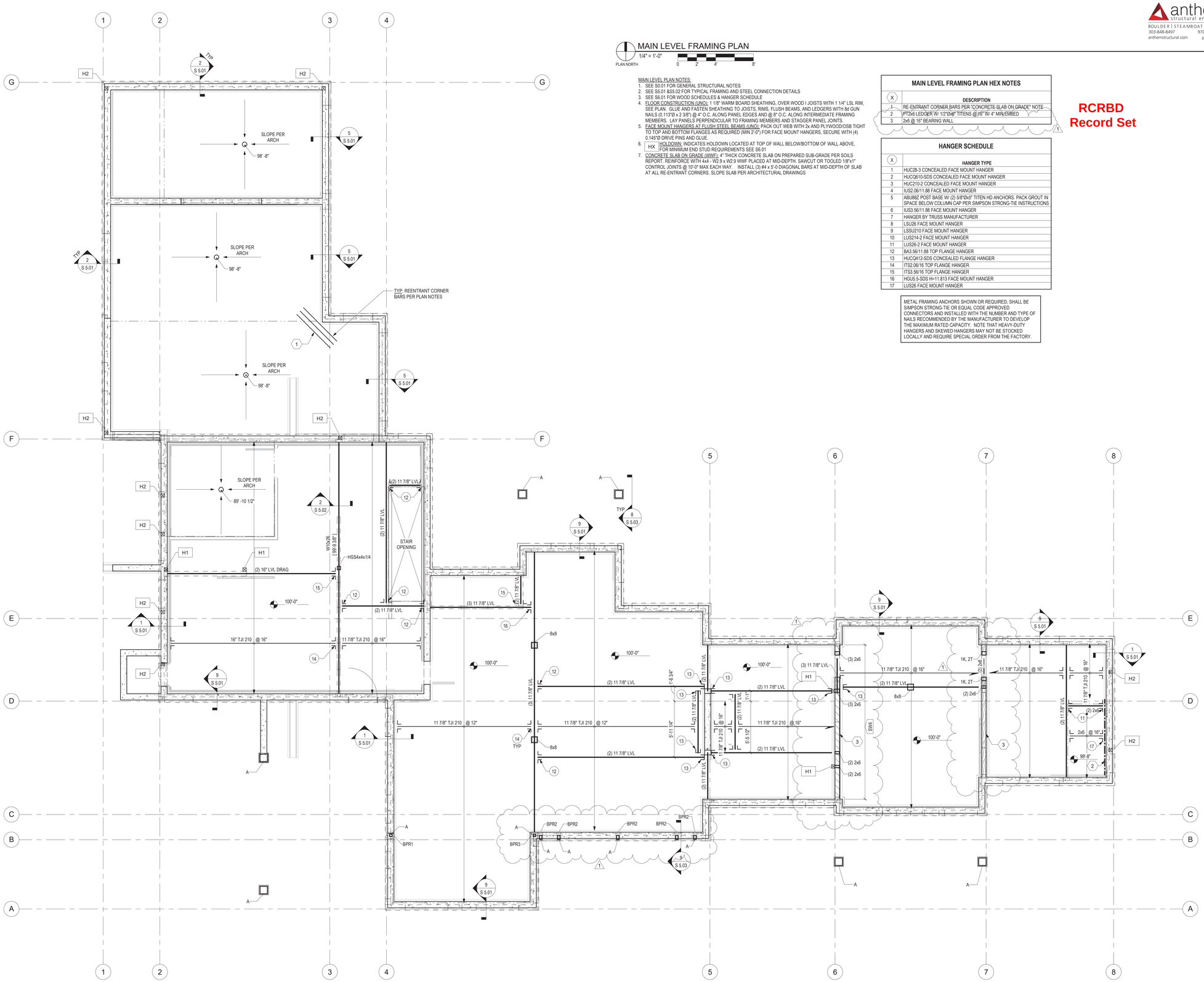
FOUNDATION PLAN

SHEET NO.

S 1.01

10/14/2019 4:05:47 PM

anthem structural engineers
BOULDER | STEAMBOAT SPRINGS
303-848-8497 970-300-3338
anthemstructural.com Job #19-112



MAIN LEVEL FRAMING PLAN

1/4" = 1'-0"

PLAN NORTH

MAIN LEVEL PLAN NOTES:

1. SEE S0.01 FOR GENERAL STRUCTURAL NOTES
2. SEE S5.01 &S5.02 FOR TYPICAL FRAMING AND STEEL CONNECTION DETAILS
3. SEE S6.01 FOR WOOD SCHEDULES & HANGER SCHEDULE
4. FLOOR CONSTRUCTION (UNO): 1 1/8" WARM BOARD SHEATHING, OVER WOOD I JOISTS WITH 1 1/4" LSL RIM, SEE PLAN. GLUE AND FASTEN SHEATHING TO JOISTS, RIMS, FLUSH BEAMS, AND LEDGERS WITH 8d GUN NAILS (0.113"Ø x 2 3/8") @ 4" O.C. ALONG PANEL EDGES AND @ 8" O.C. ALONG INTERMEDIATE FRAMING MEMBERS. LAY PANELS PERPENDICULAR TO FRAMING MEMBERS AND STAGGER PANEL JOINTS.
5. FACE MOUNT HANGERS AT FLUSH STEEL BEAMS (UNO): PACK OUT WEB WITH 2x AND PLYWOOD/OSB TIGHT TO TOP AND BOTTOM FLANGES AS REQUIRED (MIN 2'-0") FOR FACE MOUNT HANGERS, SECURE WITH (4) 0.145"Ø DRIVE PINS AND GLUE.
6. HX HOLDOWN: INDICATES HOLDOWN LOCATED AT TOP OF WALL BELOW/BOTTOM OF WALL ABOVE, FOR MINIMUM END STUD REQUIREMENTS SEE S6.01
7. CONCRETE SLAB ON GRADE (WWF): 4" THICK CONCRETE SLAB ON PREPARED SUB-GRADE PER SOILS REPORT. REINFORCE WITH 4x4 - W2.9 x W2.9 WWF PLACED AT MID-DEPTH. SAWCUT OR TOOLED 1/8"x1" CONTROL JOINTS @ 10'-0" MAX EACH WAY. INSTALL (3) #4 x 5'-0 DIAGONAL BARS AT MID-DEPTH OF SLAB AT ALL RE-ENTRANT CORNERS. SLOPE SLAB PER ARCHITECTURAL DRAWINGS

MAIN LEVEL FRAMING PLAN HEX NOTES

X	DESCRIPTION
1	RE-ENTRANT CORNER BARS PER "CONCRETE SLAB ON GRADE" NOTE
2	PT2x6 LEDGER W/ 1/2"Ø x 8" TITENS @ 16" W/ 4" MIN EMBED
3	2x6 @ 16" BEARING WALL

HANGER SCHEDULE

X	HANGER TYPE
1	HUC28-3 CONCEALED FACE MOUNT HANGER
2	HUCQ610-SDS CONCEALED FACE MOUNT HANGER
3	HUC210-2 CONCEALED FACE MOUNT HANGER
4	IUS2.06/11.88 FACE MOUNT HANGER
5	ABU88Z POST BASE W/ (2) 5/8"Øx5" TITEN HD ANCHORS. PACK GROUT IN SPACE BELOW COLUMN CAP PER SIMPSON STRONG-TIE INSTRUCTIONS
6	IUS3.56/11.88 FACE MOUNT HANGER
7	HANGER BY TRUSS MANUFACTURER
8	LSU26 FACE MOUNT HANGER
9	LSSU210 FACE MOUNT HANGER
10	LUS214-2 FACE MOUNT HANGER
11	LUS26-2 FACE MOUNT HANGER
12	BA3.56/11.88 TOP FLANGE HANGER
13	HUCQ412-SDS CONCEALED FLANGE HANGER
14	ITS2.06/16 TOP FLANGE HANGER
15	ITS3.56/16 TOP FLANGE HANGER
16	HGUS.5-SDS H=11.813 FACE MOUNT HANGER
17	LUS26 FACE MOUNT HANGER

METAL FRAMING ANCHORS SHOWN OR REQUIRED, SHALL BE SIMPSON STRONG-TIE OR EQUAL CODE APPROVED CONNECTORS AND INSTALLED WITH THE NUMBER AND TYPE OF NAILS RECOMMENDED BY THE MANUFACTURER TO DEVELOP THE MAXIMUM RATED CAPACITY. NOTE THAT HEAVY-DUTY HANGERS AND SKEWED HANGERS MAY NOT BE STOCKED LOCALLY AND REQUIRE SPECIAL ORDER FROM THE FACTORY.

RCRBD Record Set

VERTICAL ARTS
ARCHITECTURE
PLANNING
LANDSCAPE
INTERIORS

Copyright VERTICAL ARTS, INC.
All Rights Reserved

This document, and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Vertical Arts Inc. and is not to be used, in whole or in part, for any other project without the written authorization from a principal of Vertical Arts, Inc.

COLORADO LICENSED PROFESSIONAL ENGINEER 49966 2019-10-15

JANES RESIDENCE
55950 HANNAHS WAY
CLARK, CO 80428
#1816

ISSUE NAME	DATE
CONSTRUCTION SET	10.14.19

DRAWING TITLE

MAIN LEVEL FRAMING PLAN

SHEET NO.

S 1.02

10/14/2019 4:05:48 PM