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ENGINEER: RAD/JBG

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3000 Langford Road
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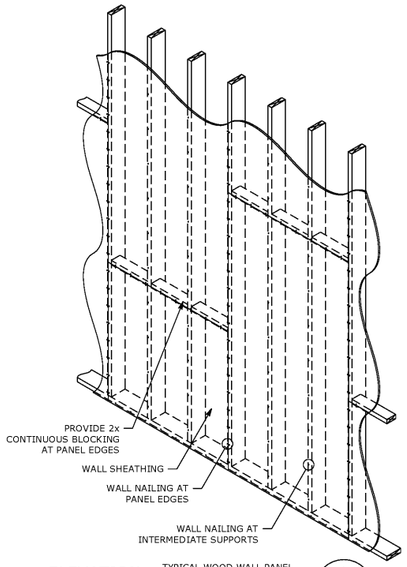
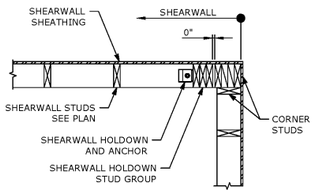
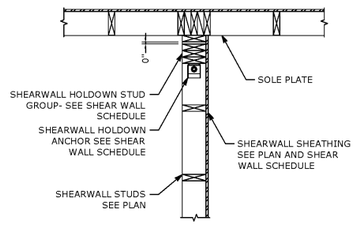
770-449-8860
770-449-8861 fax



ELEVATION — TYPICAL WOOD WALL PANEL LAYOUT — 1 / S5
SCALE: 1/2" = 1'-0"





DETAIL — TYPICAL WOOD SHEAR WALL HOLDOWN — 4 / S5
SCALE: 3/4" = 1'-0"

WOOD SHEAR WALL SCHEDULE

SHEATHING	10d NAILING ATTACHMENT	ANCHORS ALONG TOP AND SILL PLATES (ELEVATED FLOORS)	HOLDOWN STUD GROUP	HOLD DOWN (HD)	SILL PLATE ANCHORAGE AT CONCRETE FOOTING
15/32" PLYWOOD	6" AT EDGE & 12" AT FIELD	10d NAILS @ 6" o/c (STAGGERED)	(3) 2x6	HD12 w/ 1" ANCHOR BOLT WITH 12" MIN. EMBED AT EXT. FOOTING AND 9" EMBED. AT INTERIOR FOOTING. NOTE: PROVIDE SAME ANCHORAGE TO CMU AS OCCURS	1/2"Ø x 7" EMB. TITEN HD ANCHORS TO SILL@24"o/c, ONE ON EACH SIDE OF OPENING AND 4" FROM EACH CORNER. PROVIDE BLOCKING AT PANEL EDGES. NOTE: PROVIDE SAME ANCHORAGE TO CMU AS OCCURS

NOTES:
1. SEE 1/S4.1 FOR ATTACHMENT OF SHEAR WALL SHEATHING.
2. FRAMING AT ALL ADJOINING PANEL EDGES SHALL BE 2" NOMINAL OR WIDER AND NAILS STAGGERED.
3. STAGGER NAILS ALONG TOP/BOTTOM PLATES.
4. ALL EXTERIOR WALLS ARE SHEAR WALLS AND SHEATHING SHALL BE FASTENED WITH CORROSION RESISTANT NAILS.
5. ALL FOUR SIDES OF EACH PANEL MUST BE CONT. BLOCKED(TYP.)

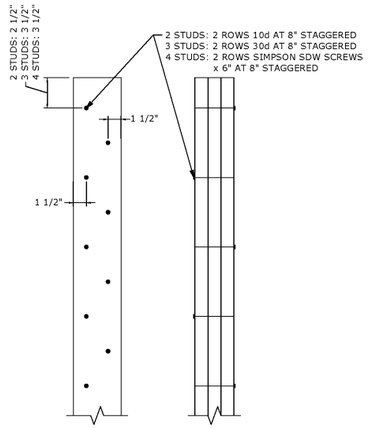
HEADER SCHEDULE

OPENING SIZE	HEADER SIZE	NUMBER OF JACK STUDS	NUMBER OF KING STUDS
0'-0" - 4'-0"	(2) 2x8	1	1
4'-1" - 6'-0"	(2) 2x10	1	1
6'-1" - 8'-0"	(2) 1 3/4"x9 1/4" LVL	2	1
8'-1" - 10'-0"	(2) 1 3/4"x11 1/4" LVL	2	2

BRICK LINTEL SCHEDULE

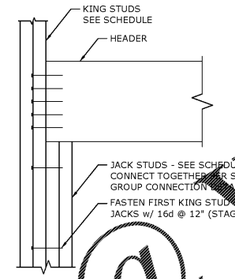
OPENING WIDTH	LINTEL SIZE	MIN. BEARING LENGTH EACH END
UP TO 3'-0"	L3 1/2x3 1/2x5/16	4"
3'-1" - 6'-0"	L4x3 1/2x5/16 LLV	6"
6'-1" - 8'-0"	L5x3 1/2x5/16 LLV	12"

SCHEDULE NOTES:
1. SCHEDULE APPLICABLE FOR BRICK VENEER WEIGHING 40 PSF MAX.
2. LINTELS INSTALLED AT EXTERIOR WALLS TO BE GALVANIZED. PROVIDE G60 GALVANIZING.

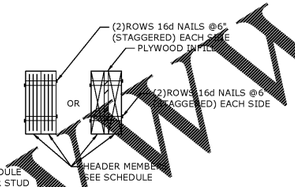


2x6 STUD GROUPS

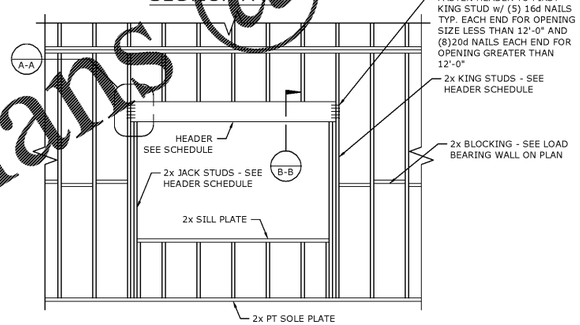
ELEVATION — TYPICAL WOOD STUD GROUP CONNECTIONS — 2 / S5
SCALE: 1-1/2" = 1'-0"



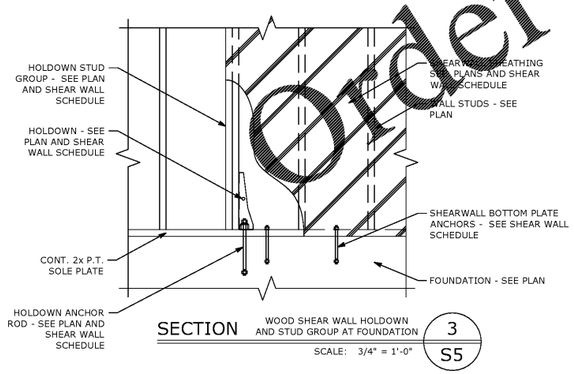
SECTION B-B



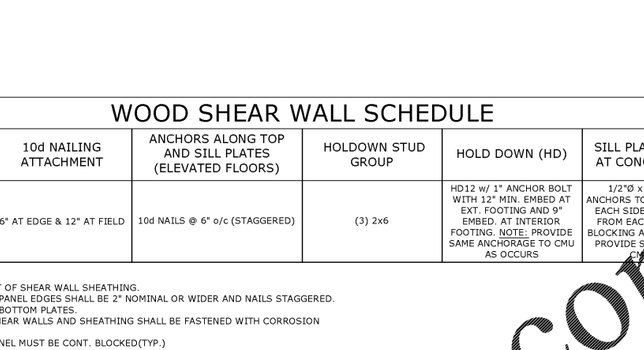
SECTION A-A



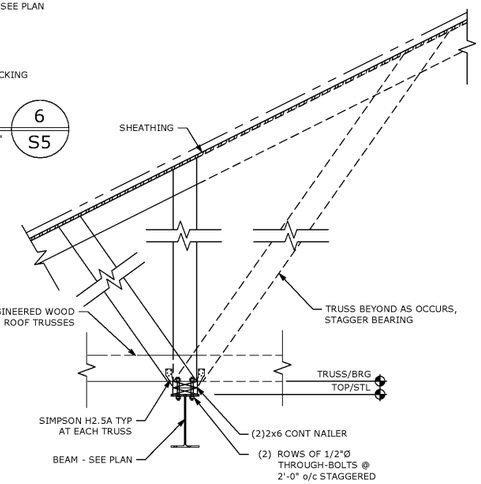
ELEVATION — TYPICAL LOAD-BEARING WOOD HEADER — 5 / S5
SCALE: 3/8" = 1'-0"



SECTION — WOOD SHEAR WALL HOLDOWN AND STUD GROUP AT FOUNDATION — 3 / S5
SCALE: 3/4" = 1'-0"



SECTION — ROOF TRUSS AT EXTERIOR BEARING WALL — 6 / S5
SCALE: 3/4" = 1'-0"



SECTION — TRUSS BEARING CONNECTION AT STEEL BEAM — 7 / S5
SCALE: 3/4" = 1'-0"

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GEORGIA REGISTERED No. 29409 PROFESSIONAL ENGINEER DARUKESH M. PATEL 04-17-20

No.	Date	Revision

Owner:
PIEDMONT REGIONAL LIBRARY SYSTEM
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JEFFERSON, GA 30549

Project:
AUBURN PUBLIC LIBRARY EXPANSION & RENOVATION
24 5TH STREET
AUBURN, GA 35630

SECTIONS & DETAILS

CONSTRUCTION DOCUMENTS

job no.: 19009
date: 2/26/2020
by: TNN
app:
file name: APL-PLANS
sheet no.: S5

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