

REVISION

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION R301, FLORIDA BUILDING CODE, 2004 EDITION	
BASIC WIND SPEED	140 MPH
WIND IMPORTANCE FACTOR (I)	I = 1.00
BUILDING CATEGORY	CATEGORY II
WIND EXPOSURE	"B"
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
MAIN WIND FORCE RESISTANCE DESIGN WIND PRESSURES	ROOF: • 313 PSF WALLS: • 311 PSF EAVES: • 523 PSF
COMPONENTS & CLADDING PER TABLES 301.2 / FBC 2004	OPNGS: • 353 / 472 PSF EAVES: • 1106 PSF ROOF: • 323 / 412 PSF
DESIGN WIND PRESSURES	

DRAWN

KEB

REVIEWED

GJG

Custom Garage for:
Town Homes LLC
P.O. Box 1059
Lake City, Florida 32056

These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect.



Gary J. Gill, PE 51942
P.O. Box 187
Live Oak FL, 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth.# 9461

STRUCTURAL/CIVIL ENGINEER



2031 S W FALLON LANE, LAKE CITY, FLORIDA 32025
386.755.3831 / 386.867.0430

http://www.resourcecad.com

DATE

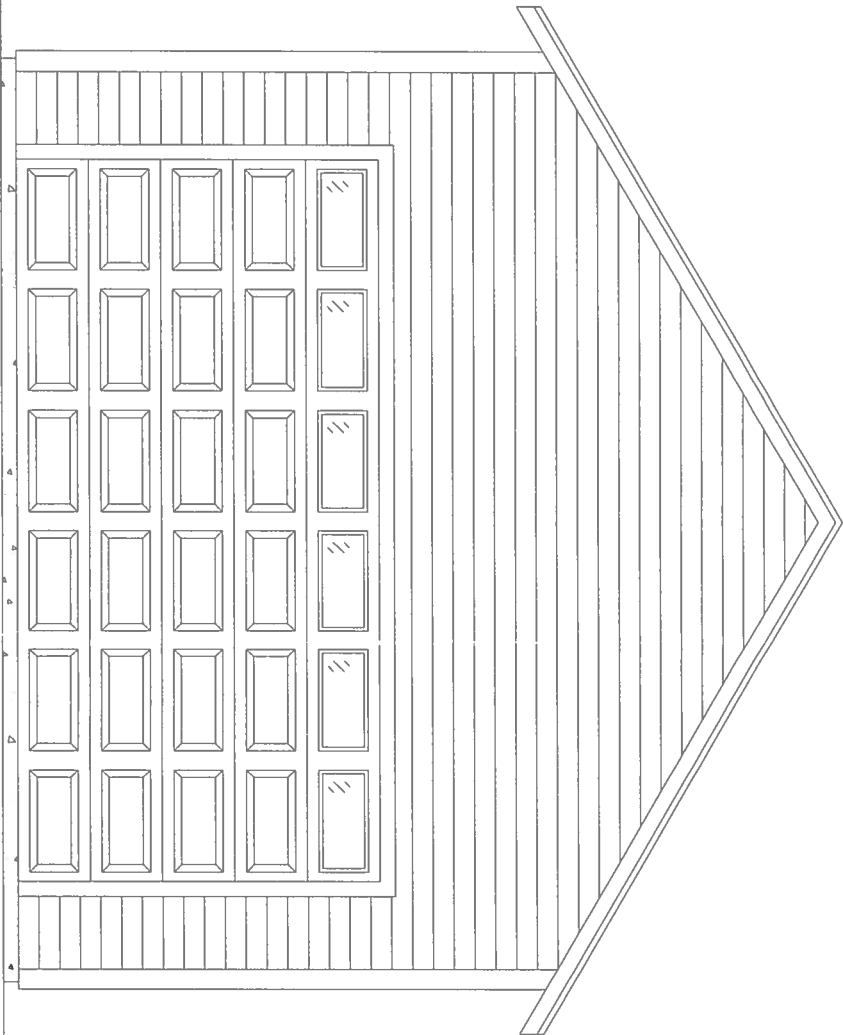
25 JUL 07

CONTRACT

RC0204

SHEET

CS



A Custom Garage for, Town Homes LLC Lake City, Florida

D r a w i n g I n d e x

C6	COVER SHEET, DRAWING INDEX
A1	ELEVATIONS
A2	FLOOR PLAN / ROOF RATING PLAN
A3	FOUNDATION PLAN
A4	WALL SECTION / DETAILS

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARCHITECTIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 140 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT: FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL, OR STONE. OTHER SOIL CONDITIONS (e.g., CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOIL CONDITIONS) SHALL BE RESOLVED PRIOR TO CONSTRUCTION.

LIVE LOADS: 1st FLOOR, 40PSF; 2nd FLOOR, 40PSF; ROOF, AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: FLORIDA BUILDING CODE 2004

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - 2004

LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE OWNER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGN PROFESSIONAL PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

THESE PLANS ARE DESIGNED BASED ON THESE LUMBER GRADING SPECIFICATIONS.

EXTERIOR WALLS: 9" STUD GRADE

INTERIOR WALLS: 9" STUD GRADE

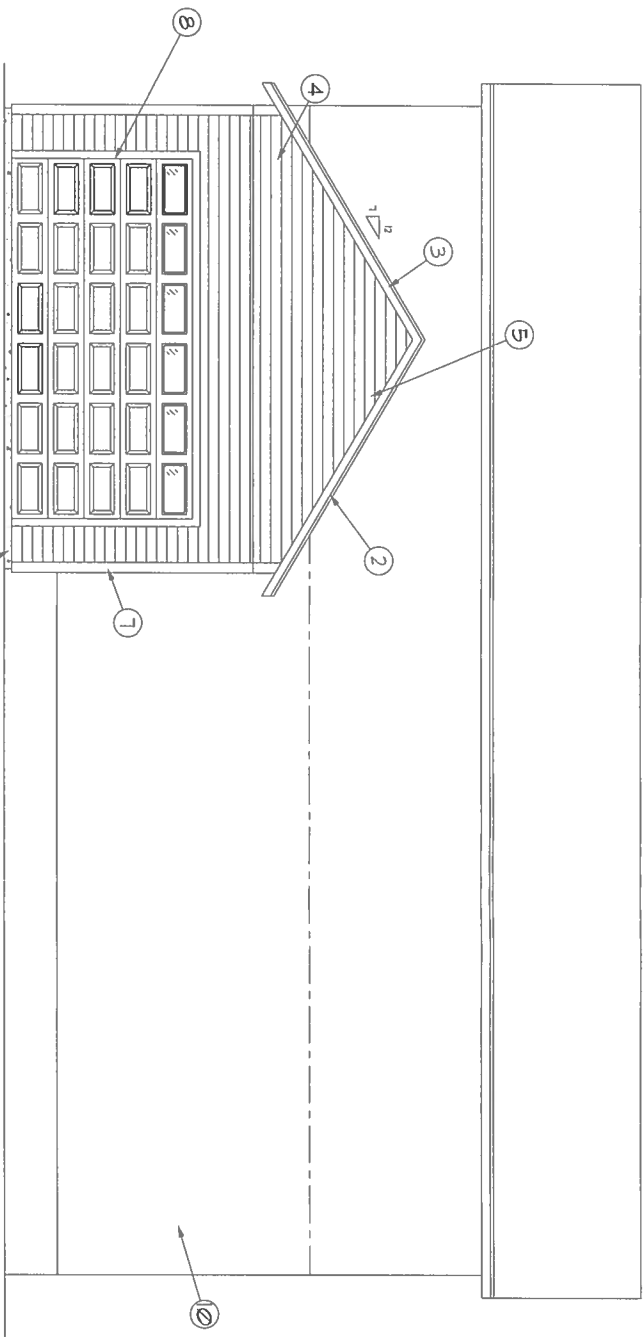
INDOOR/DOOR HEADERS: 8" STUD

MANUFACTURED LUMBER SHALL BE 24'-V4 GLULAM BEAMS OR 15E LVL

4/3/07

CONSTRUCTION NOTES

1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FRAMED WALL.
2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER FBC - 2004
3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED HVAC EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
5. CONTRACTOR SHALL CALL ATTENTION TO THE OWNER ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
6. ROOF TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS.
7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THESE BUILDING PLANS AND PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
8. ROOF PITCH MAY VARY FROM 3/12 TO 1/12

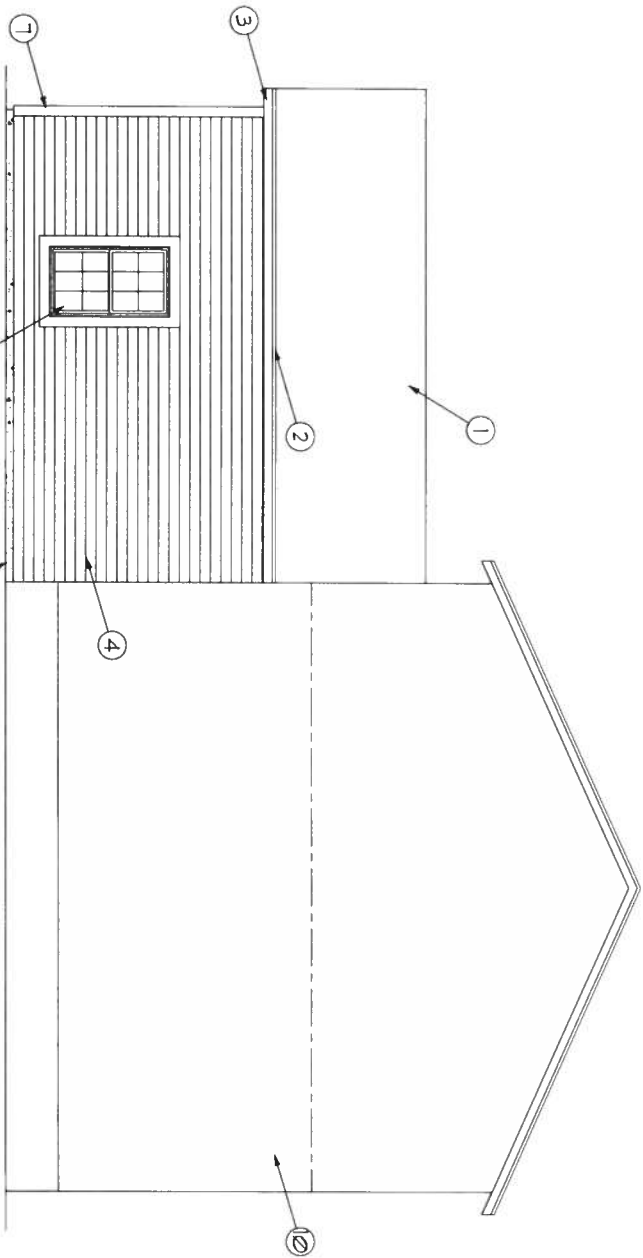


Front Elevation

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

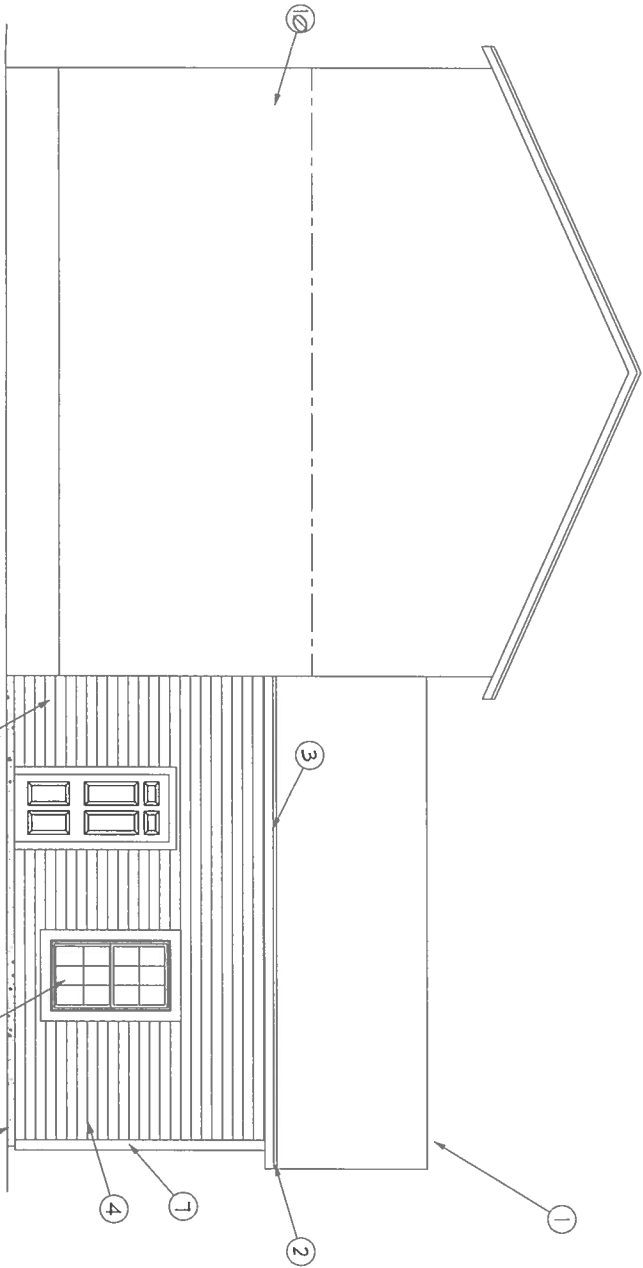
GENERAL NOTES:

1. FINISH ROOFING AS SELECTED BY OWNER
2. 1 1/2" EAVE DRIP ON 1X8 FASCIA
3. 2X6 SUB-FASCIA
4. SIDING PER OWNER, INSTALLED PER FIG. SPEC.
5. SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING
6. 6-PANEL STEEL ENTRY DOOR
7. TRIM AS REQ'D BY EXTERIOR FINISH
8. GARAGE DOORS BY OWNER
9. FOUNDATION - REFER TO PAGE A3 FOR DETAILS
10. MODULAR HOME - DESIGNED BY OTHERS



Right Side Elevation

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



Left Side Elevation

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

REVISION

DRAWN

KEB

REVIEWED

GUG

Custom Garage for:
Town Homes LLC
P.O. Box 1059
Lake City, Florida 32056
These drawings, as instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect.

Gary J. Gill, PE 51942
P.O. Box 187
130 West Howard St.
Live Oak FL, 32064
Phone: (386) 362-3678
Fax: (386) 362-6133
Auth.# 9461



STRUCTURAL/CIVIL ENGINEERS

ResourceCAD International
<http://www.resourcecad.com>
2031 S W FALLON LANE, LAKE CITY, FLORIDA 32025
386.755.3831 / 386.867.0430

DATE

25 JUL 07

OWNER

RC02004

SHEET:

A.1

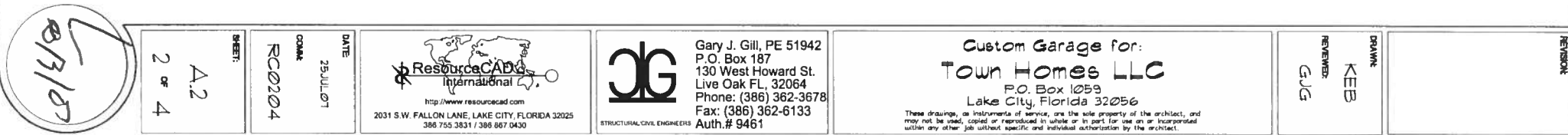
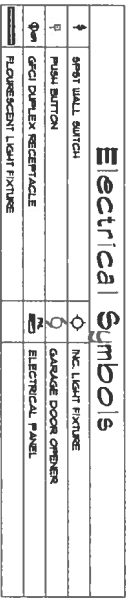
1 of 4

6/3/07

NOTE: ALL WINDOWS & DOORS ARE EVALUATED AND WEATHERSTRIPPED AS MANUFACTURED BY THE FACTORY. IF THE WEATHERSTRIPPING IS NOT SUFFICIENTLY WEATHER-RESISTANT, IT - OTHER MANUFACTURERS SHALL BE CONSIDERED AS EQUAL. NOTE: VERIFY ROUGH OPENING REQUIREMENTS PRIOR TO CONSTRUCTION.

NOTE:

GARAGE DOORS SHALL BE AN APPROVED PRODUCT AS SELECTED BY OWNER AND SHALL BE CAPABLE OF RESISTING THE DESIGN WIND LOADING INDICATED.



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

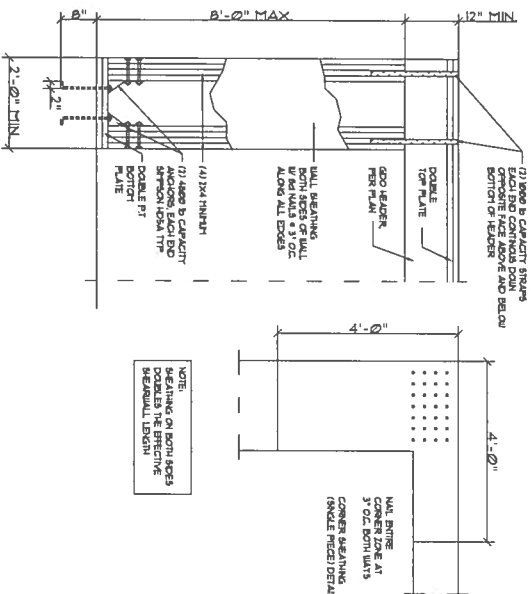
SCALE: 1/8" = 1'-0"

SILL NOTE:

2X6 P/T WOOD SILL, CONT. ALL AROUND. W/ 5/8" AB. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 8" FROM EACH CORNER E.A. WAY. I WITHIN 8" FROM ALL WALL OPENINGS / ENDS - 1/2" AB. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE

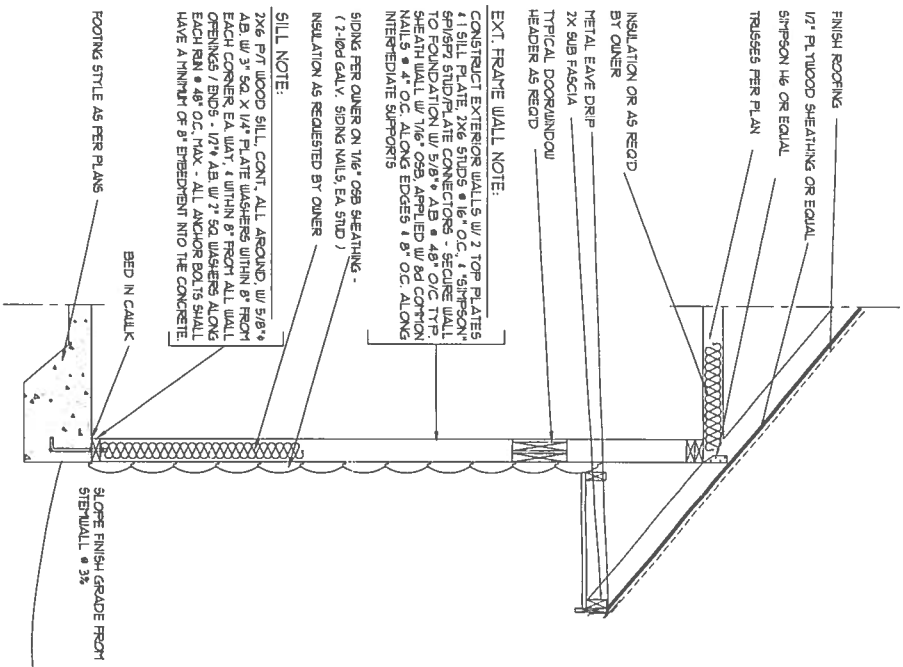
EXT. FRAME WALL NOTE:

CONSTRUCT EXTERIOR WALLS w/ 2 TOP PLATES
#1 SILL PLATE, 2x6 STUDS @ 16" O.C., 4 "51MPSON"
SP/SP2 STUD/PLATE CONNECTORS - SECURE WALL
TO FOUNDATION AS NOTED ON SHEET A 4 SEE ALSO
DETAIL C/A 4, SHEATH WALL w/ 1/8" OSB, APPLIED
w/ 8d COMMON NAILS @ 4" O.C. ALONG EDGES & 8"
O.C. ALONG INTERMEDIATE SUPPORTS



GARAGE DOOR WALL DETAILS

SCALE: 1/4" = 1'-0"



EXT. FRAME WALL NOTE

CONSTRUCT EXTERIOR WALLS W/ 2 TOP PLATES
1 SILL PLATE, 2X6 STUDS @ 16" O.C., 1 SIMPSON
SP509 PLATE CONNECTORS - SECURE WALL
TO FOUNDATION W/ 5/8" AB @ 48" O.C. TYP.
SWEATH WALL W/ 1/4" OSB, APPLIED W/ 8d COTTON
NAILS @ 4" O.C. ALONG EDGES | 8" O.C. ALONG
INTERMEDIATE SUPPORTS

SILL NOTE:

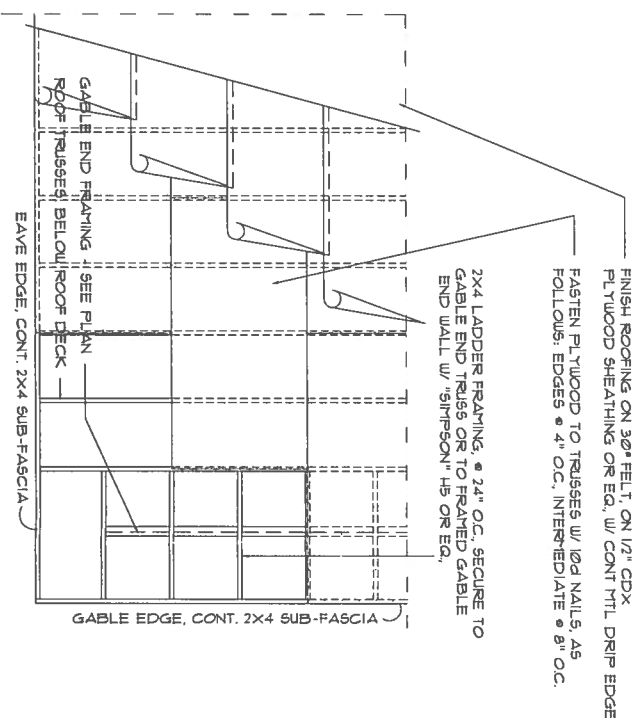
2X6 P/T WOOD SILL, CONT. ALL AROUND. W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 8" FROM EACH CORNER EA. W/ 1/4" WITHIN 8" FROM ALL WALL OPENINGS - ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

NOTES

ALL REQUIRED ANCHOR BOLTS, STRAPS OR OTHER EMBEDDED ITEMS, SHALL BE IN-PLACE PRIOR TO THE POURING OF CONCRETE. VERIFY & COORDINATE PLANS AND OTHER FOUNDATION DETAILS.

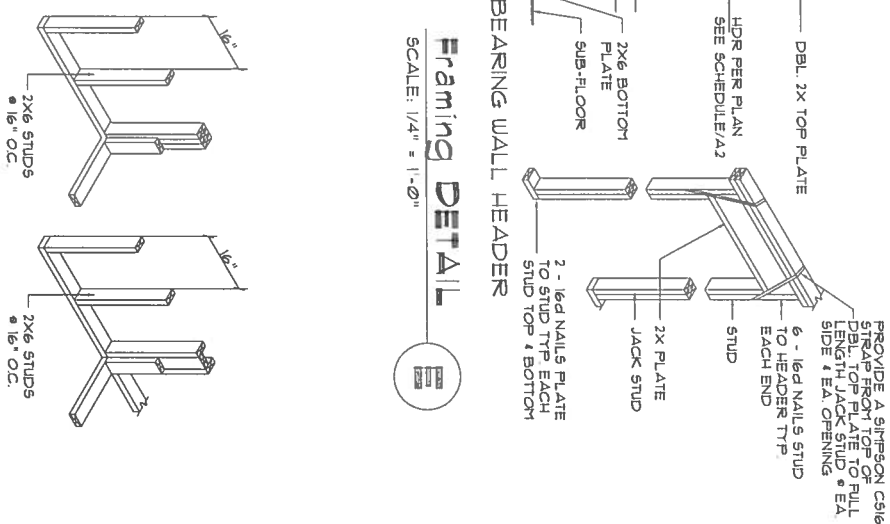
॥ ॐ नमो भगवते वासुदेवाय ॥

SCALE: 3/8" = 1'-0"



ROCK DETAIL

SCALE: 3/16" = 1'-0"



FRAMING DETAIL

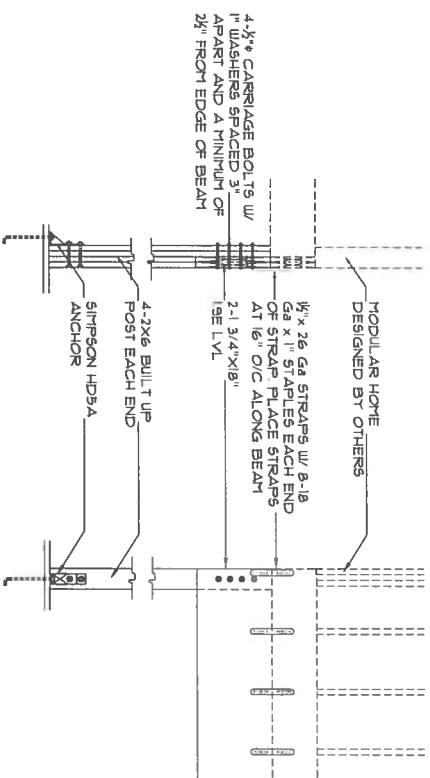
SCALE: 1/4" = 1'-0"

BEARING WALL HEADER

WALL CORNER WALL INTERSECTION

DETAILED

SCALE: 1/4" = 1'-0"



SUPPORT BEAM CONNECTION

Framing Detail

SCALE: 1/4" = 1'-0"