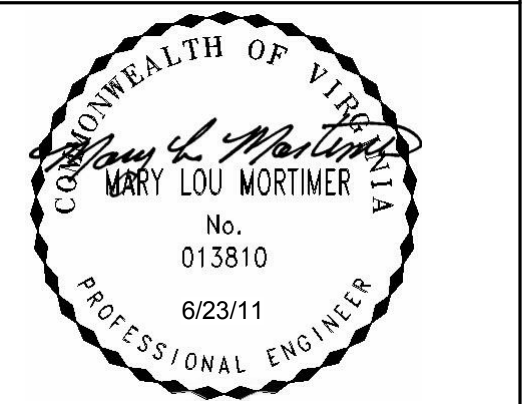


Revisions

No.	Revision	Date

Drawn By: **JBW**
 Checked By: **MLM**
 Project Architect: **LSP**

NRW
 NRW Engineering, P.C.
 Consulting Structural Engineers
 748 Lord Dunmore Drive, Suite 101
 Virginia Beach, Virginia 23464



Project Number: 1990.10b
 Date: 6/23/2011

Storage Building

St. Mary's Home For
 Disabled Children

Kimpsville Circle
 Norfolk, VA

FOUNDATION AND ROOF FRAMING PLAN

S101

FOUNDATION NOTES:

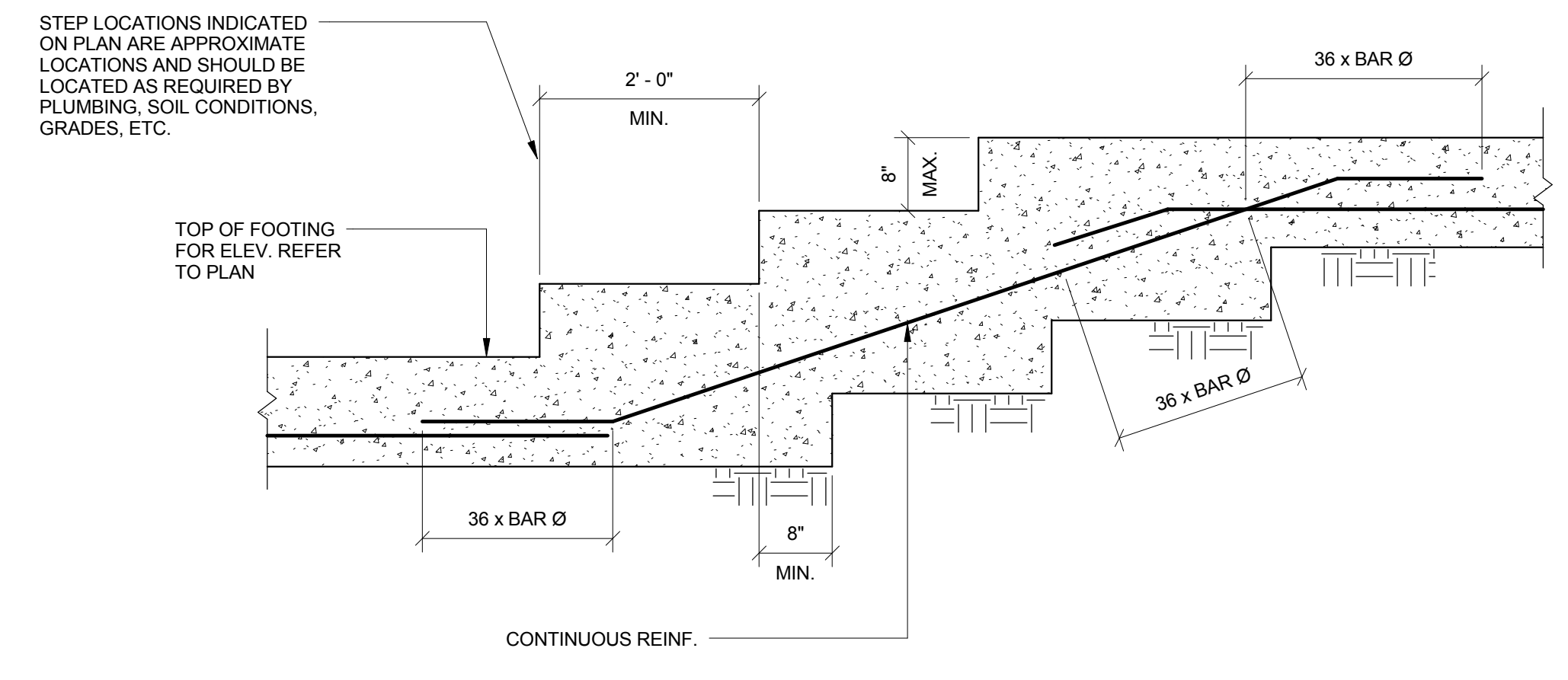
- DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FIRST FLOOR ELEVATION = 0'-0". FOR ACTUAL ELEVATION, REFER TO CIVIL DRAWINGS.
- TOP OF CONCRETE SLAB IS AT +0'-0" UNLESS OTHERWISE INDICATED THUS (+) ON PLAN.
- UNLESS OTHERWISE NOTED ON PLAN OR SHOWN IN SECTIONS OR DETAILS, ALL CONTINUOUS WALL FOOTINGS SHALL BE 2'-2" WIDE AND 1'-0" DEEP AND CENTERED UNDER WALL ABOVE AND BE REINFORCED WITH 3 #5 BOTTOM CONTINUOUS #4 @ 4'-0" O.C. TRANSVERSE BARS.
- UNLESS OTHERWISE NOTED PROVIDE 4" CONCRETE SLAB ON GRADE ON 15 MIL VAPOR BARRIER ON 4" POROUS FILL, REINFORCE SLAB WITH 6 x 6 - W2.9 x W2.9 W.W.F. PLACED 1" CLEAR FROM TOP OF SLAB. TOP OF SLAB ELEVATION IS AT 0'-0" UNLESS OTHERWISE NOTED THUS (+) ON PLAN.
- UNLESS OTHERWISE NOTED THUS (-) ON PLAN, TOP OF ALL WALL AND COLUMN FOOTINGS SHALL BE AT ELEVATION -1'-4", INDICATING DISTANCE BELOW DATUM.
- NO FOUNDATION WORK SHALL BE INSTALLED UNTIL ALL UNDERGROUND UTILITIES, ETC. HAVE BEEN COORDINATED WITH FOUNDATION LOCATIONS AND ELEVATIONS.
- FOR TYPICAL DETAILS AND GENERAL NOTES, REFER TO SHEETS S001.

EXTERIOR STUD WALL FRAMING NOTES:

- ALL EXTERIOR AND INTERIOR FACE OF WALLS SHALL HAVE 1/2" EXTERIOR GRADE APA RATED SHEATHING. ATTACH SHEATHING TO SUPPORTING MEMBERS USING 10d NAILS. ALL EDGES TO BE BLOCKED WITH 2x6 FRAMING MEMBERS. NAILS SHALL BE PLACED NOT LESS THAN 3/8" FROM THE PANEL EDGE AND SHALL BE SPACED NOT MORE THAN 4" O.C. ALONG PANEL EDGES AND AT 12" O.C. AT INTERMEDIATE SUPPORTS. FOR ANCHORAGE TO MASONRY SUPPORTING WALL, REFER TO RELEVANT SECTIONS.
- ALL WALL STUDS SHALL BE SOUTHERN YELLOW PINE NO. 2 OR BETTER, SPACED AT 16" O.C., UNLESS OTHERWISE NOTED.

PLAN KEYNOTES:

- A. EXTERIOR FACE OF BUILDING.
- B. INSIDE FACE OF CMU FOUNDATION WALL.
- C. SLAB-ON-GRADE CONTROL JOINTS. REFER TO TYPICAL DETAILS.
- D. SHEAR WALL BETWEEN WINDOW OPENINGS. REFER TO TYPICAL DETAIL THIS SHEET.



NOTE: THIS DETAIL APPLIES TO ELEVATION CHANGES SHOWN ON PLAN AND AT LOCATIONS NOT SHOWN BUT REQUIRED BY JOB CONDITIONS.

TYPICAL STEPPED FOOTING DETAIL

NOT TO SCALE

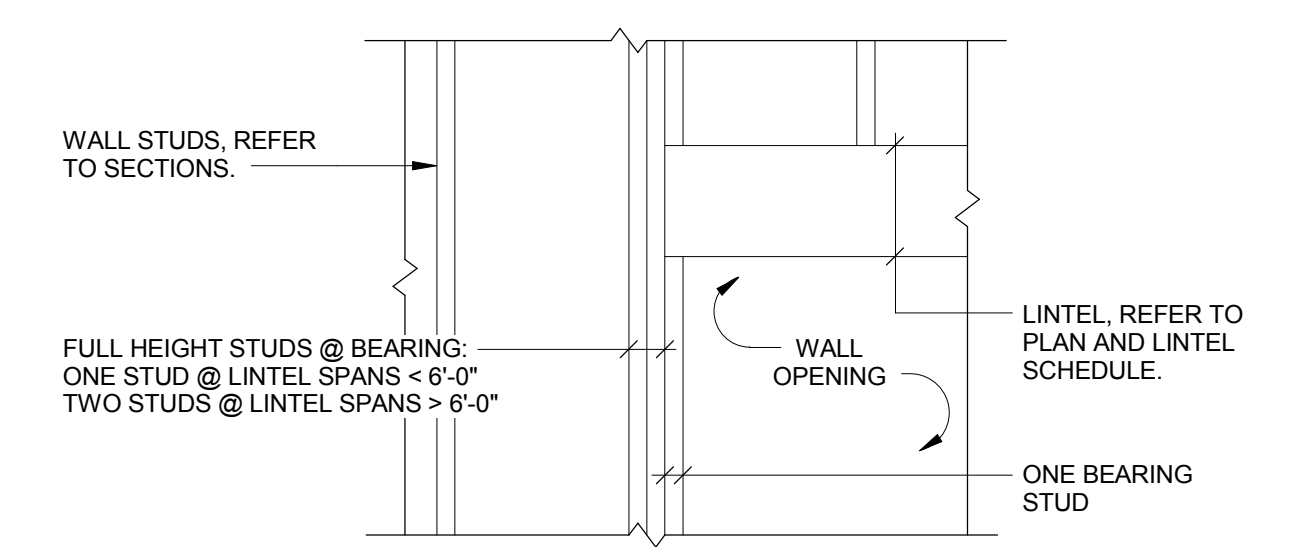
PLAN KEYNOTES:

- A. EXTERIOR FACE OF BUILDING.
- B. INSIDE FACE OF WALL STUD.
- C. 2x6 OUTLOOKS @ 24" O.C.
- D. DOUBLE 2x4 DIAGONAL WALL BRACE. REFER TO SECTION 2/S301.
- E. 3 - 2x6 EXTENSIONS (OUTLOOK SUPPORTS) PLACE IN SAME PLANE AS SLOPED TOP PLATE.
- F. RIDGE LINE.

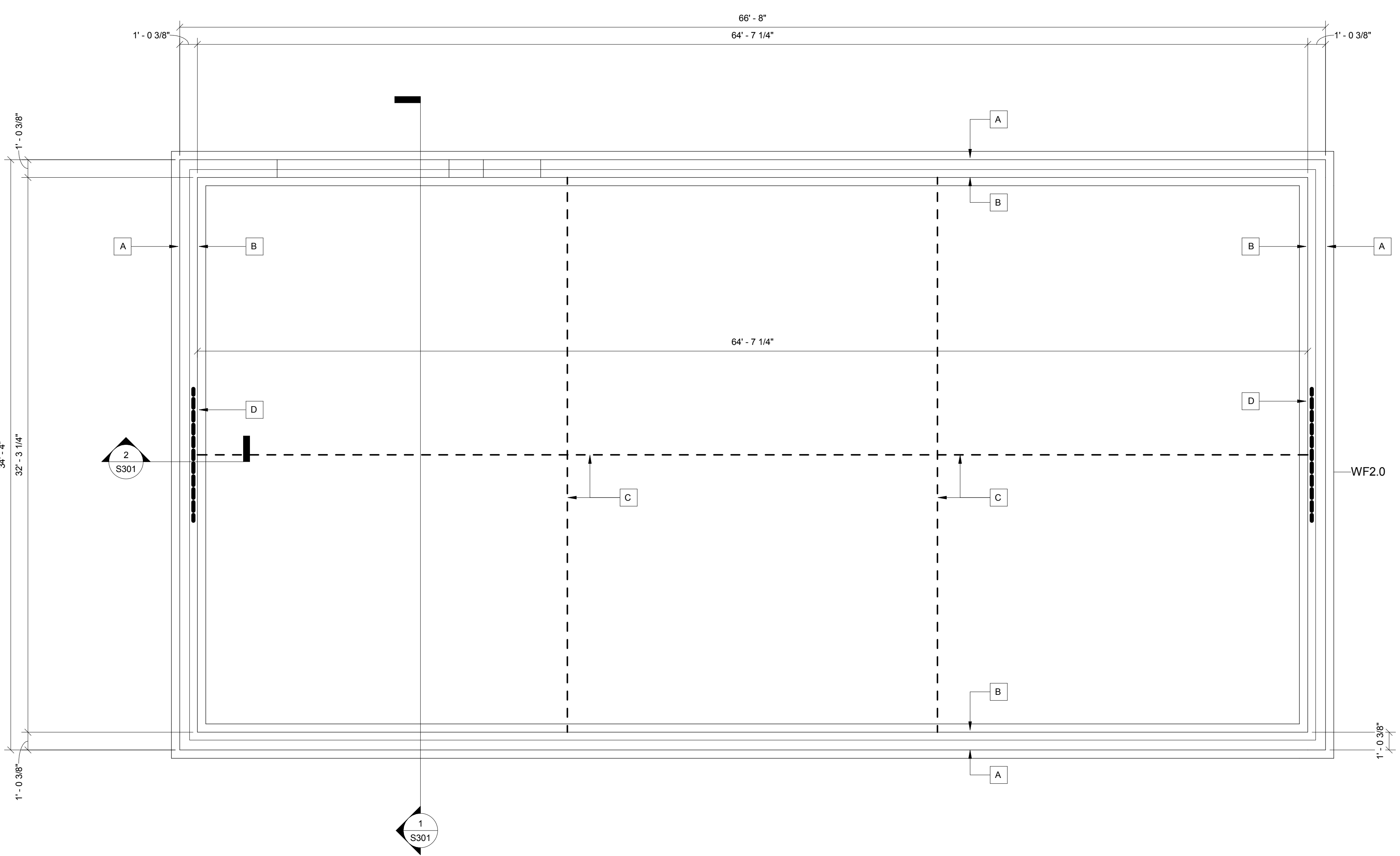
FRAMING NOTES:

- DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FIRST FLOOR ELEVATION = 0'-0". FOR ACTUAL ELEVATIONS, REFER TO CIVIL DRAWINGS.
- ROOF FRAMING OVER THE STORAGE AREA IS WOOD TRUSSES AT 24" O.C. SUPPORTED ON WOOD STUD WALLS. TRUSS BOTTOM CHORDS ARE INDICATED ON THIS PLAN WITH VALLEY AND HIP LOCATIONS SHOWN.
- WOOD LINTELS ARE INDICATED THUS () ON PLAN. REFER TO LINTEL SCHEDULE AND TYPICAL DETAILS. FOR SIZE AND LOCATION, REFER TO ARCH. DWGS.
- FOR TYPICAL DETAILS AND GENERAL NOTES REFER TO SHEET S001.

MARK	OPENING WIDTH	FOR 6" WALL THICKNESS	
		LINTEL	SILL
L1	3'-4"	3 - 2x6 SOUTHERN PINE NO. 2 W/ (2) - 1/2" PLYWOOD FILLER.	1 - 2x6 SOUTHERN PINE NO. 2
L2	3'-4"	3 - 2x10 SOUTHERN PINE NO. 2 W/ (2) - 1/2" PLYWOOD FILLER.	1 - 2x6 SOUTHERN PINE NO. 2
L3	6'-0"	3 - 1 3/4" x 11 7/8" LVL'S W/ 1/4" PLYWOOD FILLER	

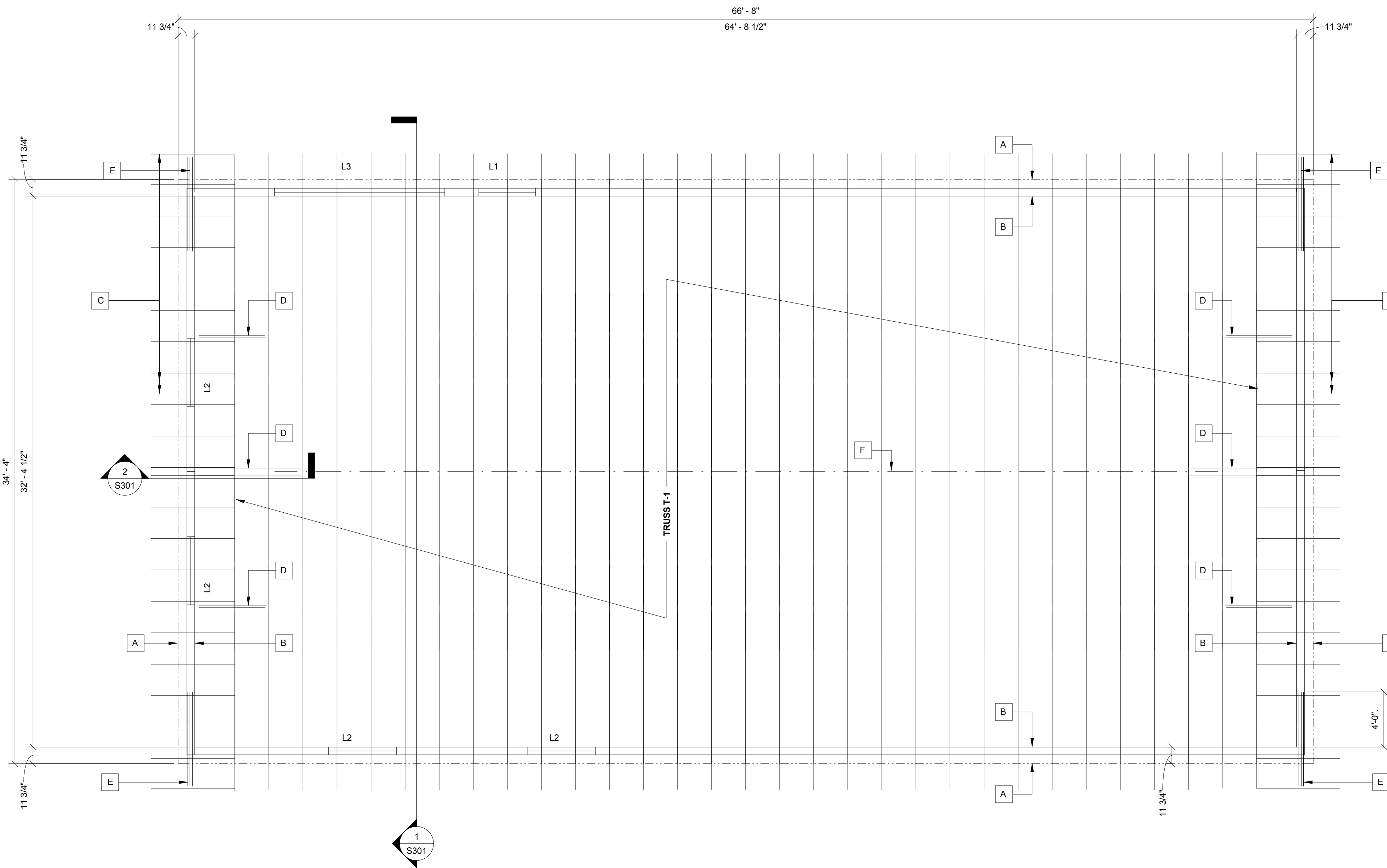


TYPICAL LINTEL BEARING DETAIL



FOUNDATION PLAN

1/4" = 1'-0"



ROOF FRAMING PLAN

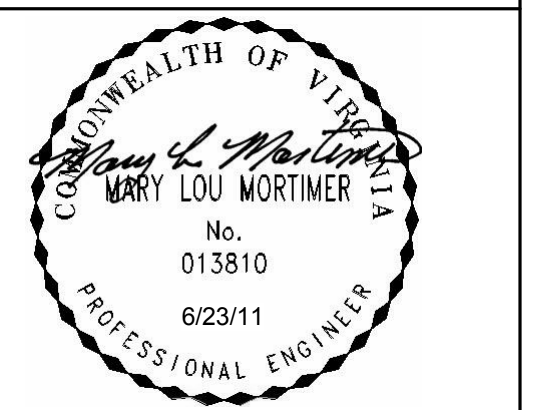
1/4" = 1'-0"

Revisions

No.	Revision	Date

Drawn By **JBW**
Checked By **MLM**
Project Architect **LSP**

NRW
NRW Engineering, P.C.
Consulting Structural Engineers
748 Lord Dunmore Drive, Suite 101
Virginia Beach, Virginia 23464



Project Number 1990.10b
Date 6/23/2011

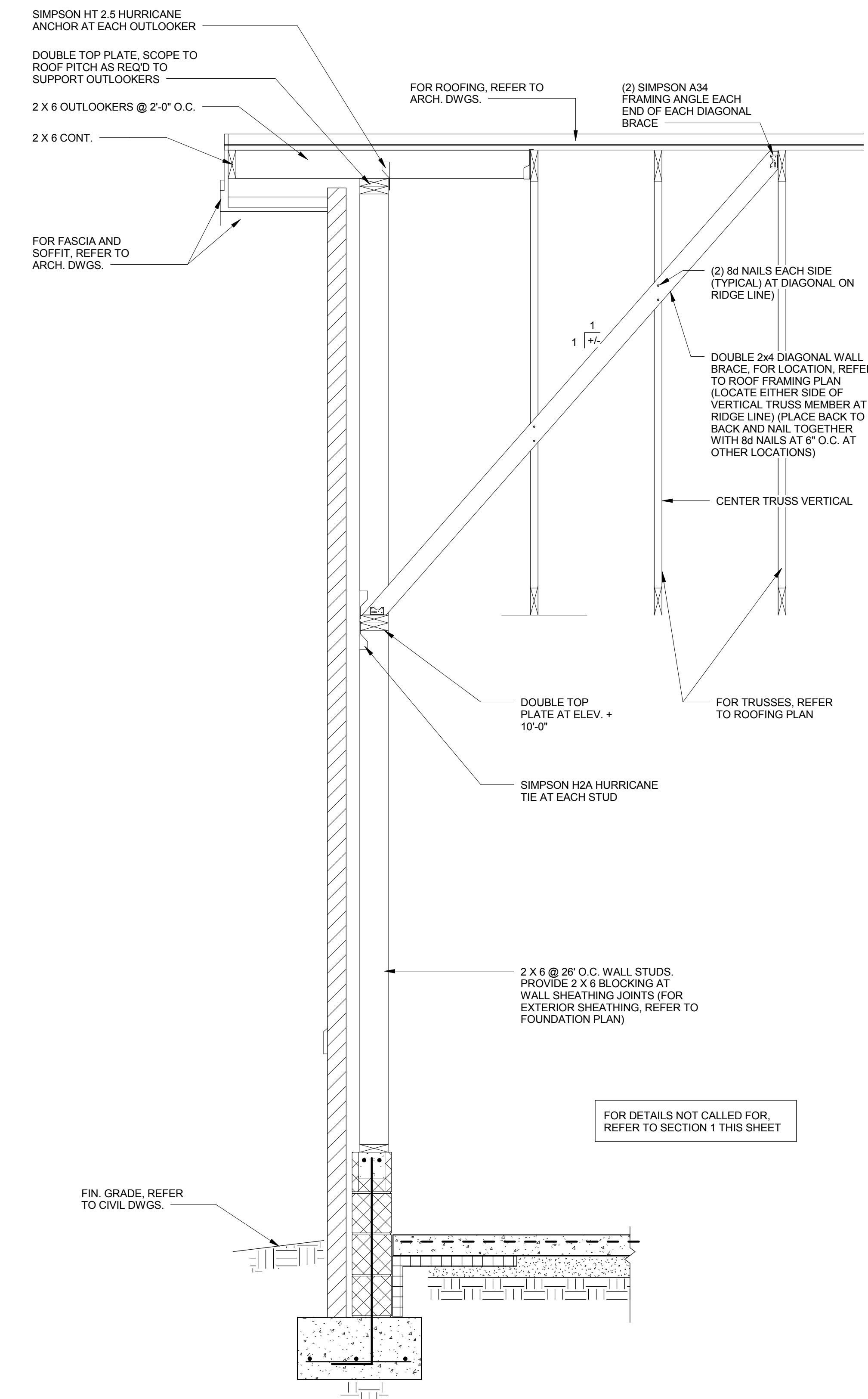
Storage Building

St. Mary's Home For
Disabled Children

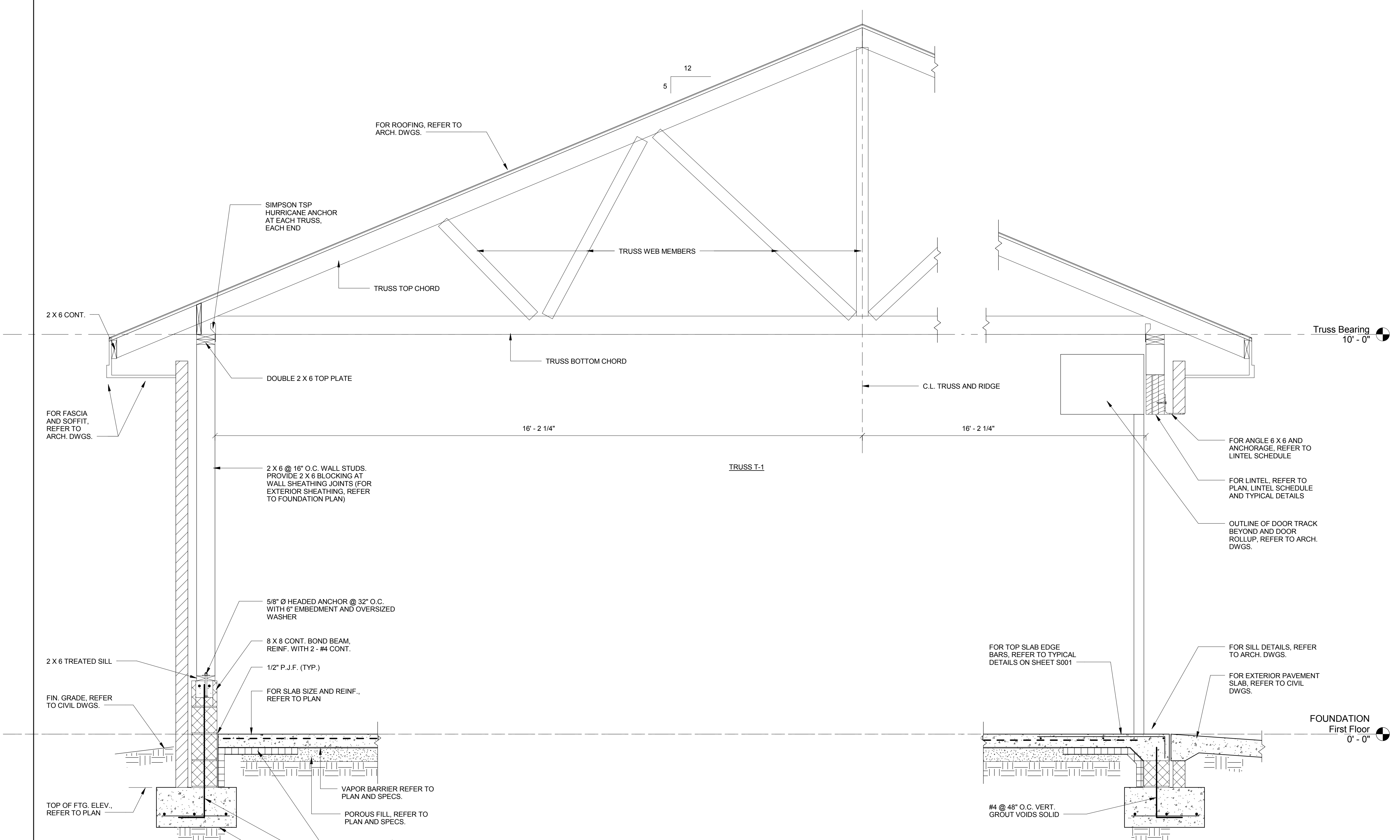
Kimpsville Circle
Norfolk, VA

SECTIONS

S301



2 SECTION
3/4" = 1'-0"



1 SECTION
3/4" = 1'-0"

- TRUSS NOTES:**
1. THE WOOD TRUSS SYSTEM SHALL BE FABRICATOR DESIGNED. LAYOUT INDICATED ON PLAN IS A SUGGESTED LAYOUT. FABRICATOR SHALL SUBMIT SHOP DRAWINGS OF PROPOSED TRUSS LAYOUT, SPACING, AND DETAILS.
 2. PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING APPLIES LOADS IN ADDITION TO THE WEIGHT OF THE TRUSS SYSTEM.
ROOF DEAD LOAD: (TOP CHORD) 10 PSF
(BOTT. CHORD) 8 PSF
ROOF LIVE LOAD: (TOP CHORD) 20 PSF
WIND LOAD: V= 115 MPH, EXPOSURE C, I = 1.0
DESIGN FOR WIND LOAD FOR "COMPONENTS AND CLADDING" OF THE STRUCTURE.
FOR ADDITIONAL LOAD REQUIREMENTS, REFER TO PLAN.
 3. TRUSSES SHALL BE TEMPORARILY BRACED UNTIL ALL PERMANENT BRACING AND ROOF SHEATHING IS INSTALLED.
 4. TRUSSES SHALL BE DESIGNED TO WITHSTAND THE DEAD, LIVE AND WIND LOADS INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE THE TRUSSES DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF VIRGINIA. ALL DESIGN CALCULATIONS AND DESIGN DATA SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 5. TRUSS BRACING, BRIDGING, ETC. SHALL BE PROVIDED AS REQUIRED BY THE DESIGNER. IN ADDITION, TRUSS BOTTOM CHORDS SHALL BE BRACED WITH BOTTOM CHORD BRIDGING NOT EXCEEDING 10' ON CENTER.
 6. FOR TRUSS DIMENSIONS, ELEVATIONS, WORKING POINTS, ETC., REFER TO RELEVANT STRUCTURAL AND ARCHITECTURAL DETAILS.
 7. WEB CONFIGURATIONS SHALL BE DESIGNED BY MFGR. AND COORDINATED WITH ARCHITECTURAL REQUIREMENTS PRIOR TO FABRICATION.
 8. TOP AND BOTTOM CHORDS OF TRUSSES SHALL BE A MINIMUM 2 X 6.