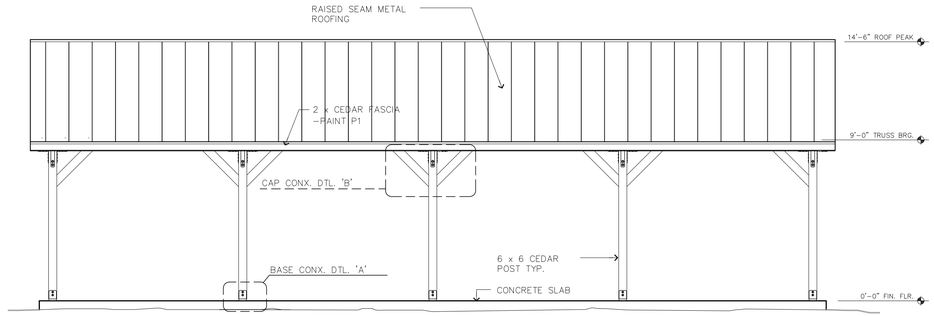
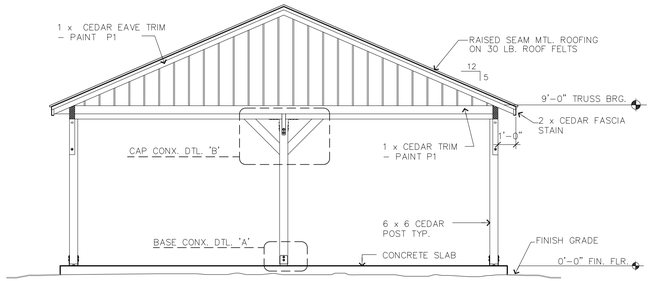


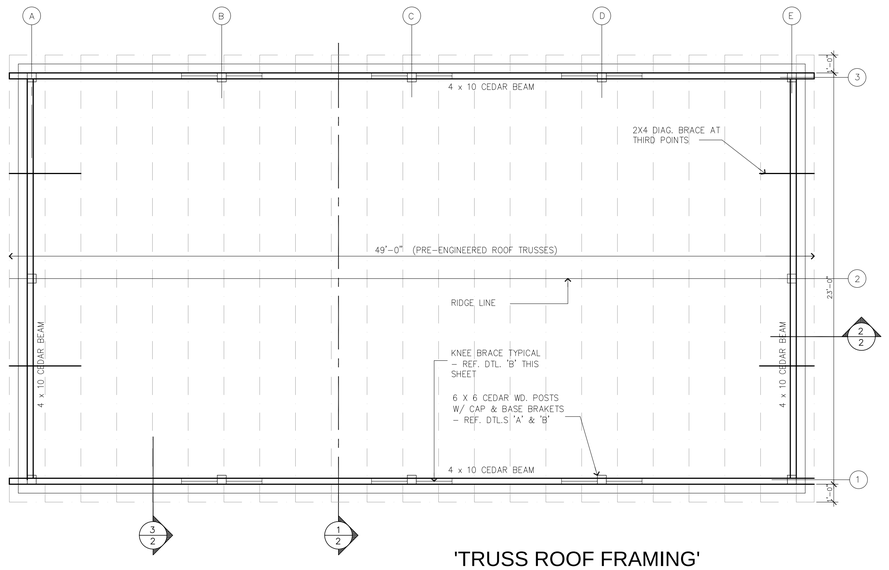
4 ELEVATION

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



3 ELEVATION

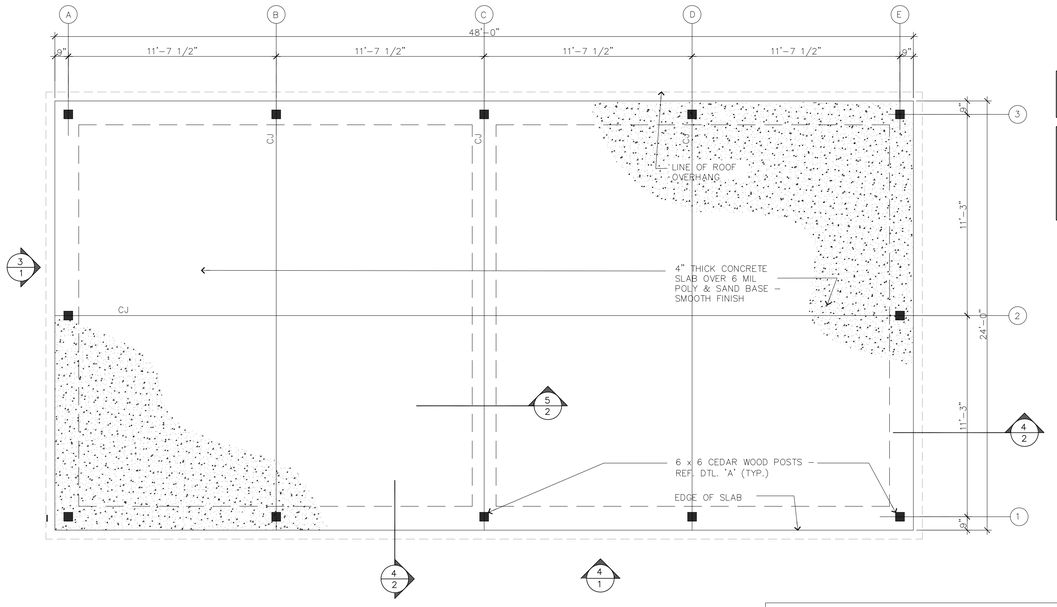
SCALE: 1/4" = 1'-0"



'TRUSS ROOF FRAMING'

2 ROOF FRAMING PLAN

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



TYPICAL CONCRETE JOINT NOTE:
PROVIDE 1" DEEP SAW CUT CONTROL JOINT WITHIN 8 HRS. AFTER CONCRETE PLACEMENT

TYPICAL CONCRETE SLAB NOTE:
4" THICK CONCRETE SLAB ON GRADE REINFORCED W/ #4 @ 16" O.C.E.W. AT MID-DEPTH OF SLAB. PLACE SLAB ON 10 MIL VAPOR BARRIER OVER 4" SAND CUSHION OVER PREPARED SUBGRADE, IN ACCORDANCE W/ GEOTECHNICAL REPORT.

1 FLOOR / FOUNDATION PLAN

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

MATERIAL LIST

LOCATION	MATERIAL / FINISH
SLAB	3000 PSI CONCRETE SLAB W/ #4 R-BAR
FRAMING	CEDAR WOOD POSTS AND BEAMS
ROOF FRAMING	2x WOOD TRUSSES
ANCHORS / ATTACHMENTS	GALVANIZED THRU BOLTS, LAG SCREWS AND JOISTS HANGERS. ALL METAL COMPONENTS / SCREWS SHALL BE AS RECOMENDED FOR TREATED WOOD LUMBER
ROOF	RAISED SEAM METAL ROOF PANELS WITH 16" WIDE INDIVIDUAL PANELS. ALTERNATE BID: ARCHITECTURAL DIMENSIONAL STYLE ASPHALT COMPOSITION ROOF SHINGLES
ROOF DECKING	9/16" T-111 PLYWOOD ROOF SHEATHING
GABLE END SIDING	3/4" CEDAR T & G PLANK SIDING - VERTICAL BOARD INSTALLATION

CONSTRUCTION NOTES

1. RAISED SLAB ON GRADE (ENGINEERED, BASED ON SITE CONDITIONS)
2. POST CONSTRUCTION: 6 X 6 WOOD CEDAR POSTS ON RAISED GALV. MTL. "SIMPSON STRONG TIE" CONNECTORS.
3. CEDAR BEAMS: 4 x 10 CEDAR BEAMS (TYP. ALONG PERIMETER). MISC. 4 x 6 CEDAR BRACING. CONNECTIONS AS DETAILED.
4. ROOF: 2 x 4 ENGINEERED WOOD TRUSSES AT 24" O.C.

GENERAL NOTE:

INFORMATION CONTAINED IS PRIMARILY FOR INFORMATIONAL PURPOSES ONLY. USER SHALL ASSUME SOLE RESPONSIBILITY FOR ANY USE OF THESE DRAWINGS. THE DRAWINGS ARE CONSIDERED TO BE BASIC DESIGN STANDARDS FOR PRICING AND NO REPRESENTATION IS MADE, OR IMPLIED, IN REGARD TO STRUCTURAL DESIGN. IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO OBTAIN THE SERVICES OF A LICENSED STRUCTURAL ENGINEER TO PROVIDE ADDITIONAL STRUCTURAL DESIGNS AS REQUIRED TO ACHIEVE A STRUCTURAL SOUND STRUCTURE, COMPLIANT WITH THE INTERNATIONAL BUILDING CODE (AS A MINIMUM) AND LOCAL CODES AS APPLICABLE.

FACILITY SQ. FT.: 1152 SF.

OPEN PAVILLION

0 2 4 8 16

SCALE FEET

BOY SCOUTS OF AMERICA
OUTDOOR PROGRAMS/PROPERTIES

REVISIONS:

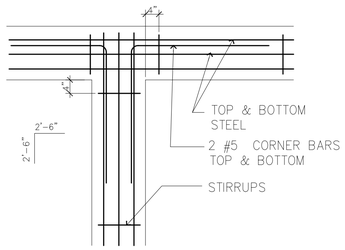
BOY SCOUTS OF AMERICA
OUTDOOR PROGRAMS/
PROPERTIES
1325 W. WALNUT HILL LANE
IRVING, TEXAS 75038
PHONE: 972-580-7826
FAX: 972-580-2563

OPEN PAVILLION

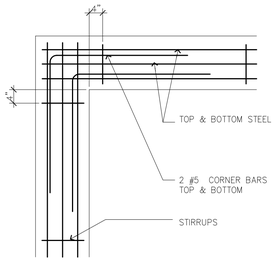
DESIGNED:
DRAWN BY:
CHECKED:
ISSUED DATE:

1

DRAWING NO.



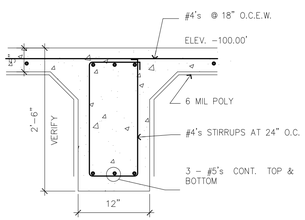
('T' BEAM)
(PLAN VIEW LOOKING DOWN)



(CORNER BEAM)
(PLAN VIEW LOOKING DOWN)

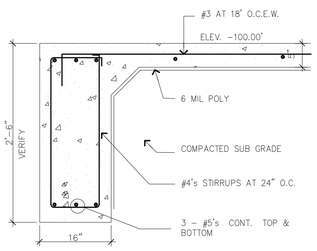
TYP. CORNER BAR DTL.

SCALE: NONE



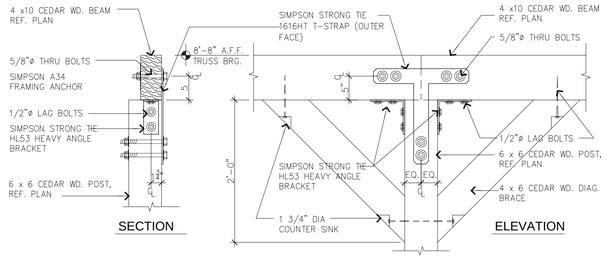
5 SECTION

SCALE: 1" = 1'-0"



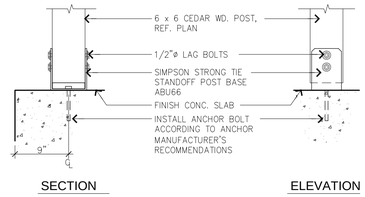
4 SECTION

SCALE: 1" = 1'-0"



CAP CONNECTION DTL. 'B'

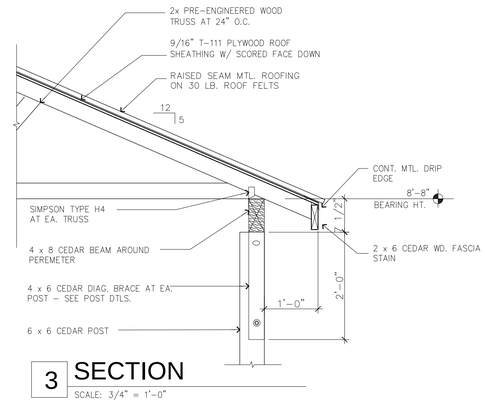
SCALE: 1" = 1'-0"



NOTE: PAINT FASCIA BOARD & TRIM "P1". PAINT SIDING "P2". ALL FRAMING TO BE STAINED. ALL METAL STRAPS, BRACKETS, POST BASES AND ASSOCIATED HARDWARE TO BE GALVANIZED.

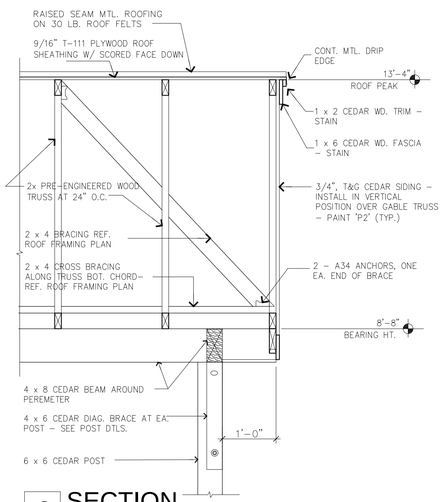
BASE CONNECTION DTL. 'A'

SCALE: 1" = 1'-0"



3 SECTION

SCALE: 3/4" = 1'-0"

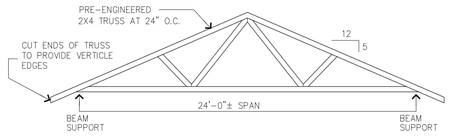


2 SECTION

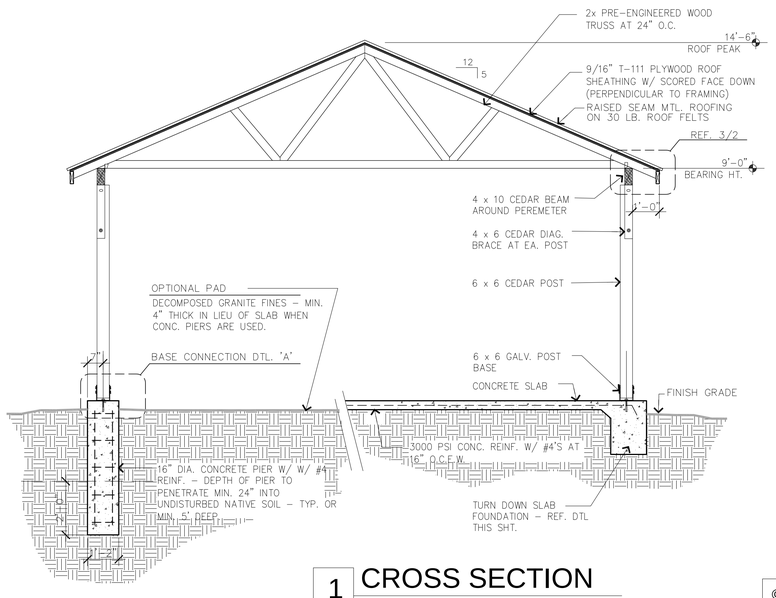
SCALE: 3/4" = 1'-0"

NOTE: CONTRACTOR TO PROVIDE REINFORCED CONCRETE SLAB ON GRADE OR PIERS AS DESIGNED / SEALED BY A LICENSED STRUCTURAL ENGINEER. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW.

NOTE: CONTRACTOR TO PROVIDE WOOD TRUSS ROOF FRAMING AND ASSOCIATED ROOF FRAMING ITEMS & ASSEMBLIES AS DESIGNED / SEALED BY A LICENSED STRUCTURAL ENGINEER. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW.



TYPICAL TRUSS ELEVATION



1 CROSS SECTION

SCALE: N.T.S.

MATERIAL LIST

LOCATION	MATERIAL / FINISH
SLAB	3000 PSI CONCRETE SLAB W/ #4 R-BAR
FRAMING	CEDAR WOOD POSTS AND BEAMS
ROOF FRAMING	2x WOOD TRUSSES
ANCHORS / ATTACHMENTS	GALVANIZED THRU BOLTS, LAG SCREWS AND JOISTS HANGERS. ALL METAL COMPONENTS / SCREWS SHALL BE AS RECOMENDED FOR TREATED WOOD LUMBER
ROOF	RAISED SEAM METAL ROOF PANELS WITH 16" WIDE INDIVIDUAL PANELS. ALTERNATE BID: ARCHITECTURAL DIMENSIONAL STYLE ASPHALT COMPOSITION ROOF SHINGLES
ROOF DECKING	9/16" T-111 PLYWOOD ROOF SHEATHING
GABLE END SIDING	3/4" CEDAR T & G PLANK SIDING - VERTICAL BOARD INSTALLATION

CONSTRUCTION NOTES

1. RAISED SLAB ON GRADE (ENGINEERED, BASED ON SITE CONDITIONS)
2. POST CONSTRUCTION: 6 X 6 WOOD CEDAR POSTS ON RAISED GALV. MTL. SIMPSON STRONG TIE CONNECTORS.
3. CEDAR BEAMS: 4 x 10 CEDAR BEAMS (TYP. ALONG PERIMETER). MISC. 4 x 6 CEDAR BRACING. CONNECTIONS AS DETAILED.
4. ROOF: 2 x 4 ENGINEERED WOOD TRUSSES AT 24" O.C.

DESIGN CODES

INTERNATIONAL BUILDING CODE 2012 EDITION, SECTIONS 1603.1.1 - 1603.1.9. ACI BUILDING REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 318-02/318R-05. ACI SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS. ACI 301. AISC MANUAL OF STEEL CONSTRUCTION - NINTH ED.

LOADS PER IBC 2012 EDITION:

ULTIMATE WIND SPEED: 105 MPH
EXPOSURE CATEGORY: C
FIRST FLOOR LIVE LOAD: 40 PSF
ROOF LIVE LOAD: 20 PSF

FOUNDATION NOTES:

1. PROVIDE POSITIVE DRAINAGE FOR ALL TRENCHES DURING CONSTRUCTION. DO NOT ALLOW ANY PONDING OF WATER DURING CONSTRUCTION.
2. THE SOIL BENEATH THE BUILDING AND 5 FEET AROUND THE PERIMETER SHALL BE TREATED AS FOLLOWS:
   a) STRIP THE AREA OF ALL VEGETATION.
   b) THE NEXT 6 INCHES SHALL BE THOUROUGHLY SCARIFIED, WITH WATER ADDED TO RAISE THE MOISTURE CONTENT TO AT LEAST 3 PERCENTAGE POINTS ABOVE OPTIMUM, AND RE-COMPACTED TO A DENSITY IN THE RANGE OF 95% TO 100% OF STANDARD PROCTOR. THE FIRST LIFT OF FILL SHALL BE PLACED ON THE COMPACTED SUBGRADE WITHIN EIGHT HOURS OF COMPLETING THE COMPACTION. THE SELECT FILL SHALL HAVE A PLASTICITY INDEX OF 18 OR LESS. LIQUID LIMIT OF 40 OR LESS. COMPACTED TO AT LEAST 95% WITH A MOISTURE CONTENT IN THE RANGE OF -1 TO +3 PERCENTAGE POINTS OF OPTIMUM.
   c) EACH LIFT SHALL BE TESTED FOR MOISTURE CONTENT AND IN-PLACE DENSITY AT A RATE OF TWO (2) PER LIFT.
   d) THE TOP TWO (2) INCHES OF SELECT FILL SHALL BE SAND FOR A LEVELING BED.
3. THE BOTTOM OF ALL BEAMS SHALL BEAR A MINIMUM OF TWELVE (12") INCHES INTO UNDISTURBED SOIL.

CONCRETE NOTES:

1. ALL CONCRETE SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3,000 PSI. A MINIMUM OF FIVE (5) SACKS OF CEMENT PER CUBIC YARD, 3# TO 5% AIR CONTENT USING ENTRAINING AGENT AS REQUIRED, 5 INCH SLUMP. ONLY IF ARCHITECT APPROVES SHALL FLY ASH AND/OR WATER REDUCING AGENTS BE USED.
2. IF THE AIR TEMPERATURE IS GREATER THAN 90 DEGREES OR THE CONCRETE TEMPERATURE GREATER THAN 85 DEGREES, HOT WEATHER CONCRETING PROCEDURES SHALL BE USED. THE CONTRACTOR SHALL SUBMIT A PROCEDURE TO THE ARCHITECT FOR APPROVAL. THESE PROCEDURES MAY INCLUDE THE FOLLOWING:
   a) PLACING THE CONCRETE IN THE EARLY MORNING HOURS.
   b) THE USE OF EVAPORATION REDUCER (SEE BELOW)
   c) THE USE OF MISTING AS A CURING METHOD.
   d) THE USE OF WET BLANKETS AS A CURING METHOD.
   e) THE USE OF A RETARDING ADMIXTURE (NOT PREFERRABLE)
3. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE STANDARDS " BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318-95) AND "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301-95).
4. ANY CONCRETE TO BE PLACED FURTHER THAN 16 FEET FROM THE END OF A CONCRETE TRUCK SHALL BE PUMPED WITH A COMMERCIAL CONCRETE PUMPING OR OTHER PLACEMENT METHOD APPROVED BY THE ARCHITECT. THE CONCRETE TRUCK SHALL NOT BE ALLOWED TO DRIVE OVER THE SUBGRADE OR THE SLAB REINFORCEMENT.
5. REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO A.S.T.M. A-615, GRADE 60.
6. REINFORCING BARS, BAR SUPPORTS, AND SPACERS SHALL BE DETAILED AND PROVIDED IN ACCORDANCE WITH THE A.C.I. DETAILING MANUAL. CHAIRS SHALL NOT BE PLACED FURTHER THAN 4 FEET APART. BAR SUPPORTS SHALL BE THE FOLLOWING: DAYTON/RICHMOND PRODUCTS (800) 745-3707 OR EQUAL.

   AT SLABS ON GRADE: (- SLAB THICKNESS 1 1/2") HIGH, TYPE R21, OR TYPE BBP.
7. ALL GRADE BEAM STEEL SHALL BE CONTINUOUS WHERE POSSIBLE. TOP BARS SHALL BE SPLICED AT THE CENTER OF THE INTERSECTION OF BEAMS, BOTTOM BARS OVER THE INTERSECTIONS, AND OTHER HORIZONTAL AND TEMPERATURE BARS AS REQUIRED. MINIMUM SPLICE LENGTH SHALL BE 24 INCHES OR 30 BAR DIAMETERS, WHICHEVER IS GREATER.
8. MASTER BUILDERS CONFILM EVAPORATION REDUCER SHALL BE USED AFTER EACH FINISHING OPERATION ON THE CAST IN PLACE CONCRETE FLOOR SLAB UNLESS PRIOR APPROVAL FROM THE ARCHITECT HAS BEEN OBTAINED TO NOT USE THIS PRODUCT.
9. EPOXY ANCHORS, REBAR OR THREADED RODS, SHALL BE EITHER HILTI HIT ANCHORS OR SIMPSON EPOXY-TIE ANCHORS. INSTALL ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS, WHICH INCLUDES CLEANING THE HOLE WITH AIR.
10. NO PIPING OR CONDUITS SHALL BE INSTALLED IN ANY CONCRETE WITHOUT THE APPROVAL OF THE ARCHITECT.

BOY SCOUTS OF AMERICA
OUTDOOR PROGRAMS/
PROPERTIES
1325 W. WALNUT HILL LANE
IRVING, TEXAS 75038
PHONE: 972-580-7826
FAX: 972-580-2563

REVISIONS:

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DESIGNED:
DRAWN BY:
CHECKED:
ISSUED DATE:

2

DRAWING NO.