

IMPORTANT

PLEASE READ ALL ENCLOSED MATERIALS

ALL INSPECTIONS CHECKED ON THE BUILDING PERMIT
CARD AND ON THE INSEPTION CHECKLIST MUST BE
CALLED FOR AND SIGNED BY A SAFEbuilt INSPECTOR
BEFORE PROCEEDING WITH THE NEXT PHASE OF
CONSTRUCTION

ALL PERMITS MUST BE FINALED

CALL FOR INSPECTIONS:

1.866.671.1036

1.970.674.1036

All inspections must be called in before 4:00 PM the
working day before the inspection.

Any request made after 4:00 PM on Friday will be
scheduled for Tuesday.

INSPECTORS ARE IN THE OFFICE UNTIL 8:30AM
WEEKDAYS

BUILDERS, CONTRACTORS AND PROPERTY OWNERS

THE FOLLOWING REQUIREMENTS MUST BE MET IN ORDER TO OBTAIN ANY BUILDING INSPECTIONS PER THE REQUIREMENTS OF THE 2018 INTERNATIONAL RESIDENTIAL CODE (IRC).

1. THE JOB SITE ADDRESS MUST BE POSTED
2. THE BUILDING PERMIT CARD MUST BE ON SITE OR MADE AVAILABLE AT THE TIME OF INSPECTION
3. THE APPROVED SITE PLAN MUST BE ON SITE
4. APPROVED BLUEPRINTS INCLUDING ENGINEERED FOUNDATION AND TRUSS DESIGNS SHALL BE ON THE JOB SITE AT ALL TIMES
5. ALL REQUIRED INSPECTIONS MUST BE CALLED FOR AND APPROVED BY THE INSPECTOR BEFORE PROCEEDING WITH THE NEXT PHASE OF CONSTRUCTION

ALL PERMITS MUST BE FINALED

General Notes:

1. Codes:

This plan was prepared based on the 2018 International Residential Code (IRC) with local amendments and portions of the most recent versions of ACI 318, ACI 332R, AISI Allowable Stress Design thirteenth edition, and the NDS for wood construction.

2. Loads:

This plan is based upon the following load parameters:

Roof: Snow Load = 30 psf

Wind: Speed = 115 mph (Ultimate, 3 second gust), Exposure C

Seismic: Category B

Soils report by: CTL I Thompson, Inc., Project No. FC09184.002-120, dated November 16, 2022

Recommended footing design requirements:

Max. Bearing: 2000 psf

Min. Dead Load: None Specified

3. Materials:

This plan is based upon the following material properties:

Concrete: At a minimum, concrete shall have Type II cement, have 6%+-15% air entrainment, max. water to cement ratio = 0.50, and a minimum 28 day compressive strength of 3000 psi structural concrete.

Reinforcing: Reinforcing shall be deformed grade 60 steel unless noted otherwise (U.N.O.) on the plan and shall conform to ASTM A615. Minimum concrete cover shall be 2" (in) U.N.O. on the plan. Overlaps shall be 40 bar diameters but not less than 24" (in). Detail reinforcing bars in accordance to the ACI detailing manual and ACI code, latest edition. All foundation reinforcement should be wired in place.

Steel: Structural Steel H85 columns shall conform to ASTM A500 Gr. B (fy=42 ksi round, fy=42 ksi rect.). All other steel members shall conform to ASTM A36 (fy=36 ksi).

Wood: All dimensional lumber shall be Pressure Treated Hem Fir #2, Redwood #2, or better unless noted on the plans.

Fasteners and connectors: All fasteners and connectors in contact with pressure treated lumber shall be G185 hot-dip galvanized, type 304 stainless steel or type 316 stainless steel. Do not mix HDG and stainless hardware and fasteners.

4. Soils:

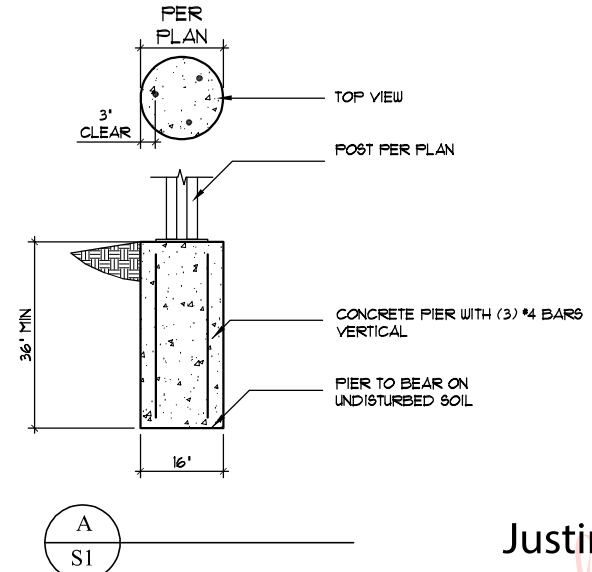
All piers shall be a minimum of 36" (in) below grade, or per local code, and should bear upon native soils or structural fill acceptable to the geotechnical engineer.

5. Limitations:

This is a pergola foundation and framing plan only and is based on the contractor/owner furnished plans and the above referenced specifications. It is the contractors/owners responsibility to verify and coordinate all dimensions prior to construction. Block-outs and other required openings may or may not be shown. Any discrepancies or changes should be brought to the attention of CTL I THOMPSON.

NOTE:
DO NOT SCALE THESE
DRAWINGS.

*OPEN HOLE INSPECTION REQUIRED
*ENGINEERS STAMPED LETTERS OF INSPECTION REQUIRED
*NO SOILS REPORT PROVIDE FOR THIS DESIGN



SAFEbuilt

APPROVED

Subject to inspection and compliance to all relevant Adopted Building and Municipal codes.

Changes in Plans MUST be approved.

D.GRAHAM

06/19/2023

2018 I-CODES 2012 IECC
22TIM-00796

PRINT PLANS IN COLOR
AND HAVE FOR
INSPECTOR AT TIME OF
INSPECTION

Justin
Dolezal

Digitally signed by
Justin Dolezal
Date: 2023.03.24
09:33:35 -06'00'

NO.	DATE	REVISION/ISSUE
1	03-24-23	WOOD RAFTERS

PROJECT LOCATION:

Sales Trailer Pergola
Timnath Lakes Subdivision
Timnath, Colorado

CLIENT:

Toll Brothers, Inc.
10110 S. W. 11th Ave. East
Suite 125
Englewood, CO 80112
Contact: Chris Ferguson
720-357-4011



DESIGN/CHK:	SHEET:
JAD/CGL	S1
DRAWN:	JAD
PROJECT #	DNS1577.014
DATE:	03-17-2023
SCALE:	N.T.S.
	S2

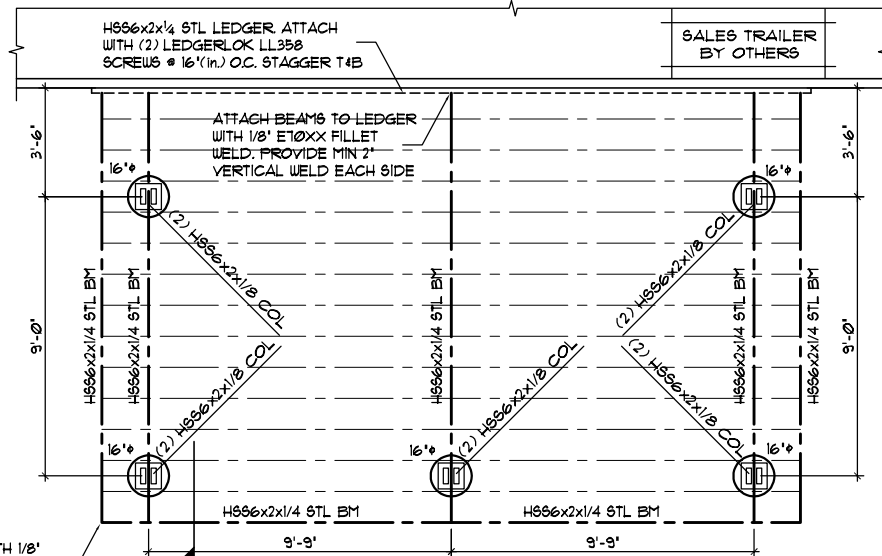
NOTES AND DETAILS

CTL | THOMPSON
Founded in 1974
CTL I THOMPSON, INC. P: 303-825-0777
1971 West 12th Avenue F: 303-825-0252
Denver, CO 80204 www.ctlthompson.com

THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF CTL I THOMPSON, INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REPRODUCTION OR TRANSMISSION OF THESE DRAWINGS OR SPECIFICATIONS TO ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN PERMISSION OF CTL I THOMPSON, INC. IS STRICTLY PROHIBITED. THE USER OF THESE DRAWINGS AND SPECIFICATIONS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. ALL RIGHTS RESERVED.

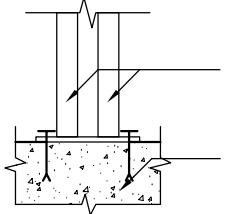
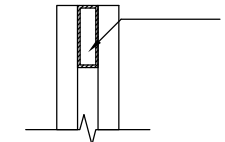
NOTE:
DO NOT SCALE THESE
DRAWINGS.

NOTE:
CONTRACTOR TO
LOCATE PIERS PRIOR
TO CONSTRUCTION.

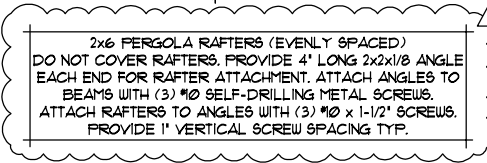


ATTACH BEAMS WITH 1/8"
E10XX FILLET WELD.
PROVIDE MIN 2" VERTICAL
WELD EACH SIDE TYP.

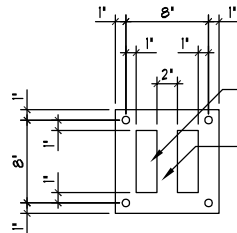
H886x2x1/4 STL BEAM PER PLAN.
ATTACH TO COLUMNS WITH 1/8"
E10XX FILLET WELD. PROVIDE MIN 2"
VERTICAL WELD BETWEEN BEAM
AND COLUMNS (4 LOCATIONS)



SIDE VIEW



2x6 PERGOLA RAFTERS (EVENLY SPACED)
DO NOT COVER RAFTERS. PROVIDE 4" LONG 2x2x1/8 ANGLE
EACH END FOR RAFTER ATTACHMENT. ATTACH ANGLES TO
BEAMS WITH (3) #10 SELF-DRILLING METAL SCREWS.
ATTACH RAFTERS TO ANGLES WITH (3) #10 x 1-1/2" SCREWS.
PROVIDE 1" VERTICAL SCREW SPACING TYP.



(2) H886x2x1/8 STL COL PER PLAN
10"x10"x1/2" BASE IR ATTACH TO FDN W/ (4)
1/2" SIMPSON WEDGE-ALL W/ 4 1/2" EB OR
EQUAL. PROVIDE 1/8" E10XX FILLET WELD
ALL AROUND COL.

TOP VIEWS

PERGOLA PLAN AND DETAILS

THIRD PARTY INSPECTION
REQUIRED FOR THE
WELDING. PROVIDE
REPORT.

REVIEWED
BY SAFEUILT
06/19/2023

NO.	DATE	REVISION/ISSUE
1	03-24-23	WOOD RAFTERS

CTL | THOMPSON
Founded in 1974
CTL | THOMPSON, INC. P: 303-825-0777
F: 303-825-0252
1971 West 12th Avenue
Denver, CO 80204 | www.ctlthompson.com

THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS ARE THE EXCLUSIVE PROPERTY OF CTL THOMPSON, INC. AND ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REPRODUCTION OR TRANSMISSION OF THESE DRAWINGS OR SPECIFICATIONS WITHOUT THE WRITTEN PERMISSION OF CTL THOMPSON, INC. IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. ALL RIGHTS RESERVED.

PROJECT LOCATION:
Sales Trailer Pergola
Timnath Lakes Subdivision
Timnath, Colorado

CLIENT:
Toll Brothers, Inc.
10111 S. W. 11th Ave
Suite 125
Englewood, CO 80112
Contact: Chris Ferguson
720-357-4611

COLORADO LICENSED PROFESSIONAL ENGINEER
ANDER K. JANDER
45334
03/24/2023
PLAN REVISIONS WITHOUT ORIGINAL WET STAMP.

DESIGN/CHK:	JAD/CGL	SHEET:	S2
DRAWN:	JAD	PROJECT #	DNS1577.014
DATE:	03-17-2023	OFF:	S2
SCALE:	N.T.S.		

