

PERGOLA FEATURES

STRUCTURE DIMENTIONS:

- * WIDTH :154”(12’-10”)
- * LENGHT: 163”(13’-7)
- * HEIGHT: 104”(8’-8”)
TO TOP OF STRUCTURE

MATERIAL& COLOR:

- * EXTRUDED ALUMINUM LOUVERED ROOF PERGOLA SYSTEM
- * COLOR: CHARCOAL OR DARK GRAY TO MATCH EXTERIOR ACCENTS.

MOUNTING/ ATTACHMENT:

- * FREESTANDING PERGOLA INSTALLED ON EXISTING ELEVATED DECK
- * (4) FOOTING EACH ANCHORED TO A 12” DIAMETER 36” DEEP CONCRETE FREE STANDING PIER.
- * BASE PLATES SECURED USING 5” STRUCTURAL LAG BOLTS FASTENED INTO THE DECK’S MAIN SUPPORT BEAMS OR JOISTS.
- * ALL FASTENERS RATED FOR EXTERIOR FOR EXTERIOR STRUCTURAL USE AN INSTALLED PER MANUFACTURER AND IRC SPECIFICATIONS.

SUPPORT POST& FOOTINGS:

- * POST: (4) 6”X6” ALUMINUM SUPPORT POSTS.
- * EACH POST ANCHORED TO A STEEL BASE PLATE.

- * STRUCTURAL CONNECTIONS DESIGNED TO TRANSFER LOADS DIRECTLY TO THE DECK FRAMING.

BEAMS& FRAMING:

- * PRIMARY FRAME: 2”X8” EXTRUDED ALUMINUM.
- * INTEGRATED LOUVERED ROOF SYSTEM WITH MOTORIZED OPERATION
- * ALL FRAMING AND LOUVERED ENGINEERED AND INSTALLED PER MANUFACTURER SPECIFICATIONS.

DESIGN LOADS:

- * WIN LOAD: RATED FOR 100-120 MPH.
- * SNOW LOAD: 30 PSF(GROUND SNOW LOAD.

CODE COMPLIANCE

- * INSTALLATION WILL COMPLY 2018 IRC AND ALL APPLICABLE LOCAL RESIDENTIAL BUILDING CODES.
- * NO PLUMBING OR GAS WORK INVOLVED
- * ANY ELECTRICAL (IF APPLICABLE) WILL BE GFCI- PROTECTED AND INSTALLED PER NEC.

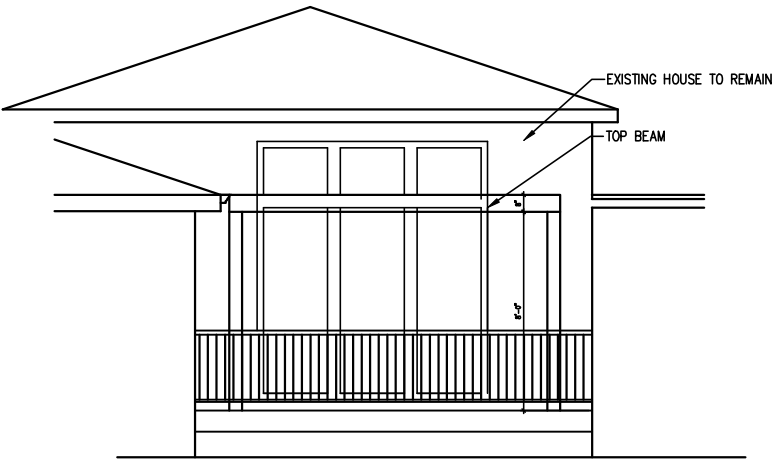
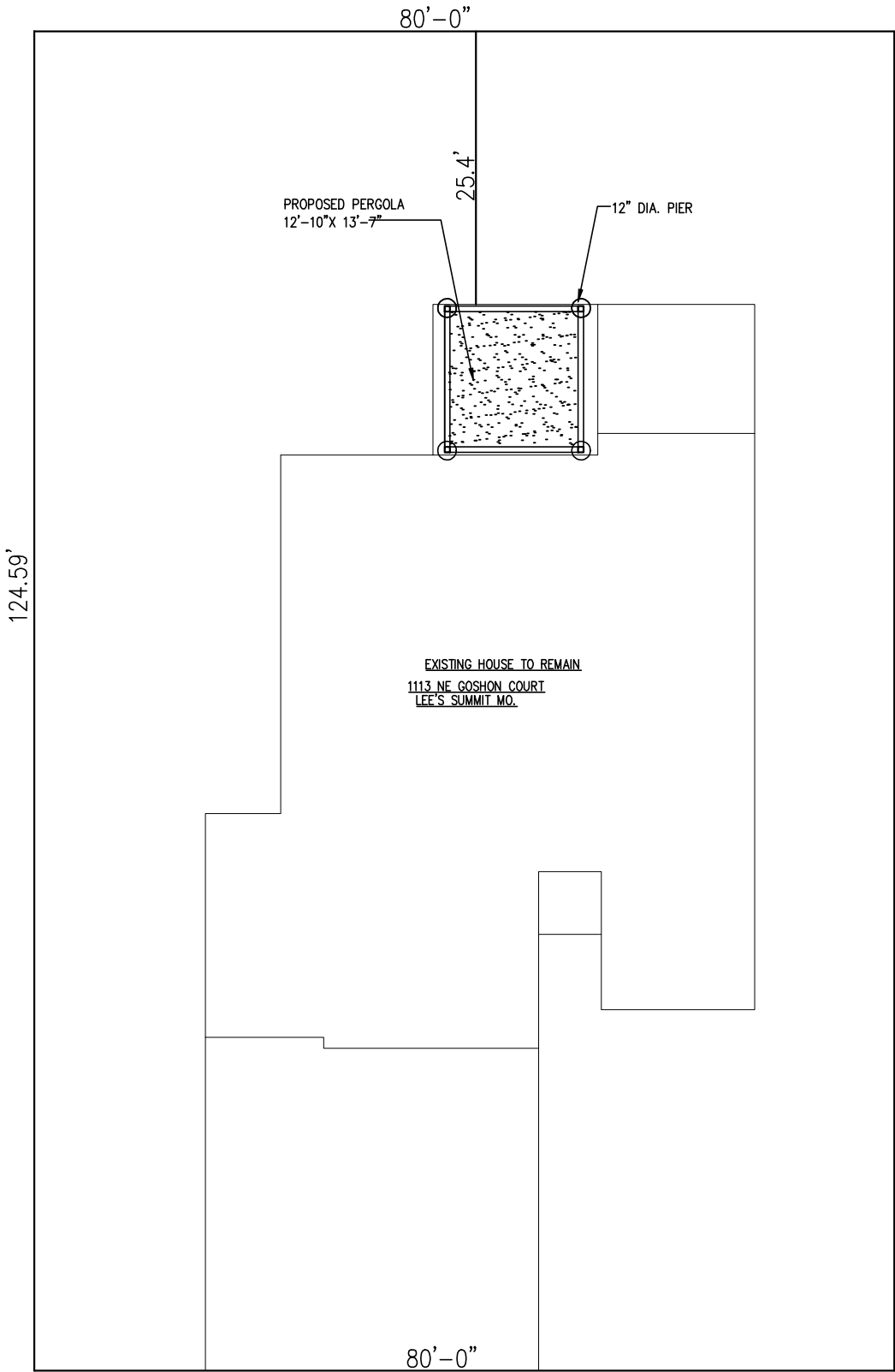
SITE DETAILS:

- * PERGOLA WILL BE INSTALLED ON EXISTING DECK IN THE BACKYARD.
- * A SITE PLAN IS INCLUDED SHOWING THE PERGOLA’S LOCATION
- * AN ELEVATION VIEW IS INCLUDED.

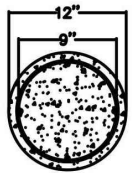
RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE’S SUMMIT, MISSOURI
10/06/2025

ADDRESS: 1113 NE. GOSHON COURT
LEE’S SUMMIT MO.

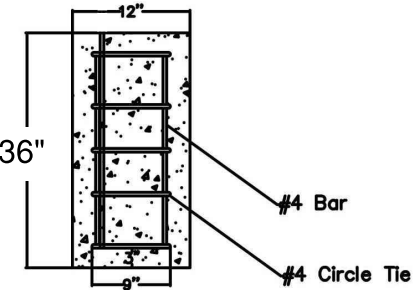
SHADEPLUS
ANDERSON CUSTOM WORKS LLC.
KANSAS CITY MO.



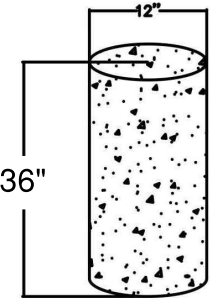
PARTIAL REAR ELEVATION



Not To Scale



Not To Scale



3500 PSI Min
Not To Scale

