

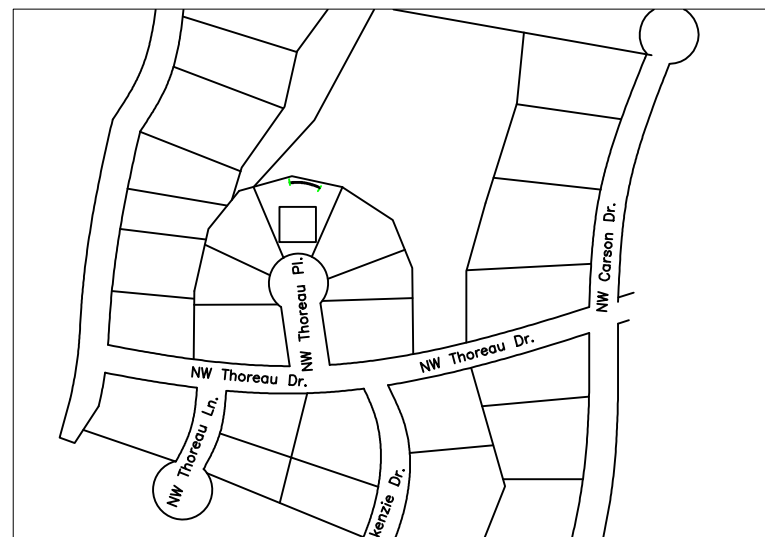
3022 NW Thoreau Proposed.dwg
7/23/2024

Improvement Project

Title.....Sheet 01
Exist Elev. .. 02
Cross Sect . 03
Profile.. 04 — 06

Natural Retaining Wall Design

Adding to the Existing
Natural Retaining Wall



3022 NW Thoreau Pl.

KAHN
ENGINEERING LLC



The recipient of this plan agrees to allow Kahn Engineering LLC the right to cure. Please contact Dan with your questions at KahnEngLLC@gmail.com, or at 816-500-5298.

General Notes

1. The retaining wall shall be built according to this plan. Should any unanticipated field conditions be encountered, call Kahn Engineering right away. (816-500-5298)
2. Utility facilities are not shown on this plan. Call Missouri One Call (1-800-DIG-RITE) (1-800-344-7483) at least three days before you dig. Be cautious around utility facilities.
3. This design was calculated with blocks of 4.75' long, 1.16' high and 2 feet wide.

Important Notes:

The temporary benchmark is set at 100.00'. This will serve as the top of the concrete deck elevation.

General Notes:

- 1) First ensure that Missouri One Call has been called at least three days before you dig. Take precautions when digging near utility facilities.
- 2) Build the retaining wall according to this drawing.
- 3) Use the details and chart on sheet 03 when determining how many block deep.

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

07/29/2024

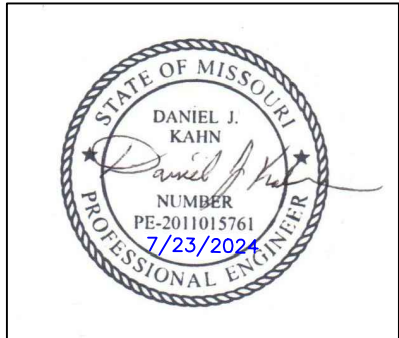
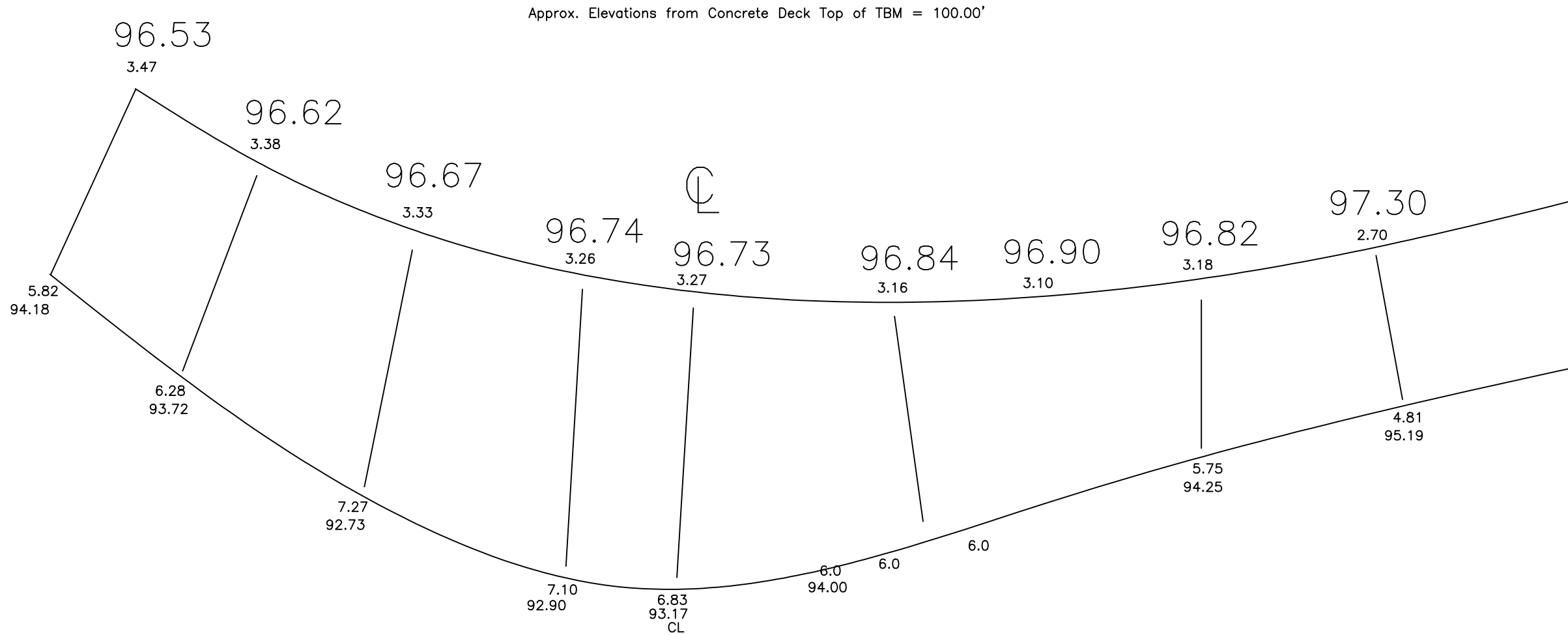
No.	Revision/Issue	Date

Firm Name and Address
Kahn Engineering LLC
2700 Burries Rd
Hartland, WI 53029
816-500-5298
KahnEngLLC@gmail.com

Project Name and Address
Brian and Tracey Lanning
3022 NW Thoreau Pl.
Lee's Summit, MO 64081

Project
Natural Rock Wall
Date
7/23/2024
Scale
As Noted

Sheet
01



- General Notes
1. The retaining wall shall be built according to this plan. Should any unanticipated field conditions be encountered, call Kahn Engineering right away. (816-500-5298)
 2. Utility facilities are not shown on this plan. Call Missouri One Call (1-800-DIG-RITE) (1-800-344-7483) at least three days before you dig. Be cautious around utility facilities.
 3. This design was calculated with blocks of 4.75' Long, 1.16' high and 2' wide.

No.	Revision/Issue	Date

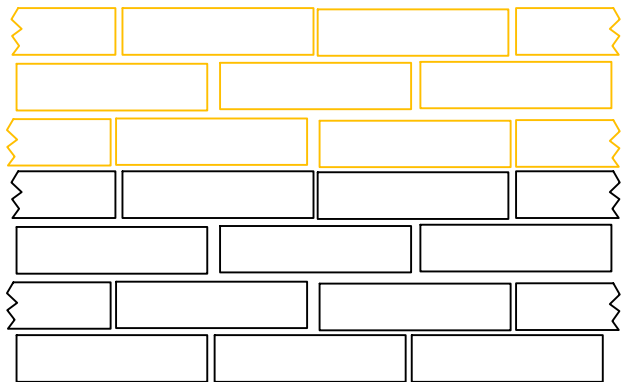
Firm Name and Address
Kahn Engineering LLC
2700 Burries Rd
Hartland, WI 53029
816-500-5298
KahnEngLLC@gmail.com

Project Name and Address
Brian and Tracey Lanning
3022 NW Thoreau Pl.
Lee's Summit, MO 64081

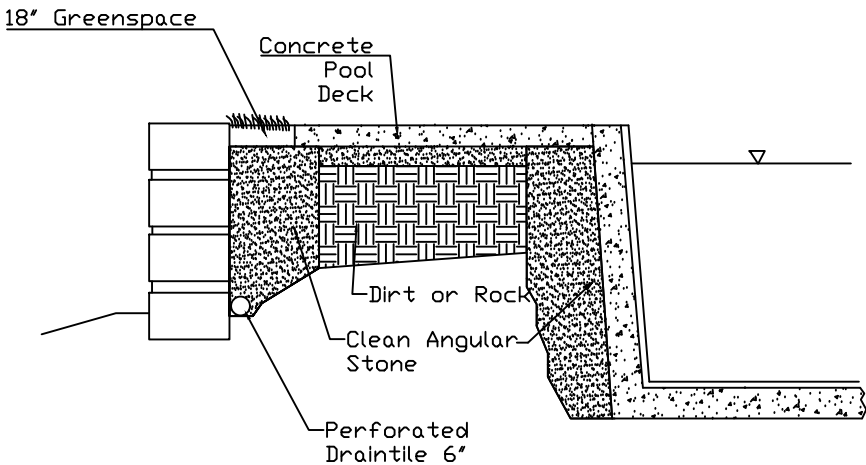
Project	Sheet
Natural Rock Wall	02
Date	7/23/2024
Scale	Not to Scale

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/29/2024

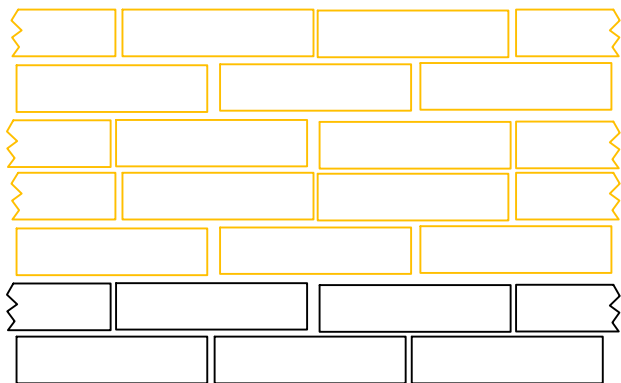
Elevation



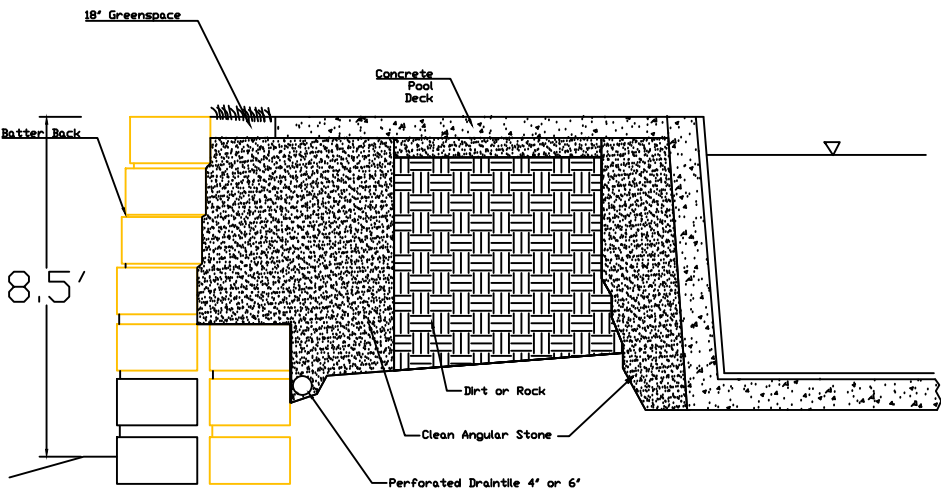
Profile



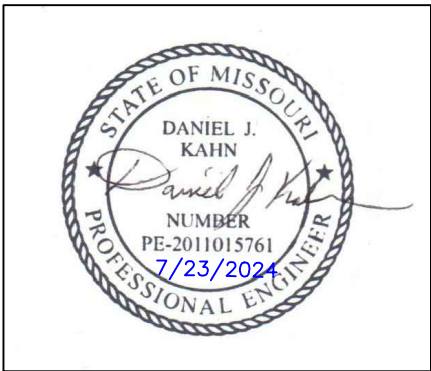
Elevation



Profile



New Height	Number of Blocks Deep
3' High	1.0
5' High	2.0
7' High	2.0



- Notes:
- 1. Natural Stone Blocks shall closely approximately 1.16' high 2.0' deep and 4.75' long.
 - 2. Please provide at least two double stacked blocks at the bottom of 6.5' or greater.
 - 3. Please provide a footing for the new areas of the Natural Stone Retaining Wall. The footing shall be composed of at least 10" of compacted angular rock.
 - 4. Please use perforated drintile for this project (at least 4").

General Notes

- 1. The retaining wall shall be built according to this plan. Should any unanticipated field conditions be encountered, call Kahn Engineering right away. (816-500-5298)
- 2. Utility facilities are not shown on this plan. Call Missouri One Call (1-800-DIG-RITE) (1-800-344-7483) at least three days before you dig. Be cautious around utility facilities.
- 3. This design was calculated with Natural Blocks 4.75' long, 1.16' high and 2' wide.

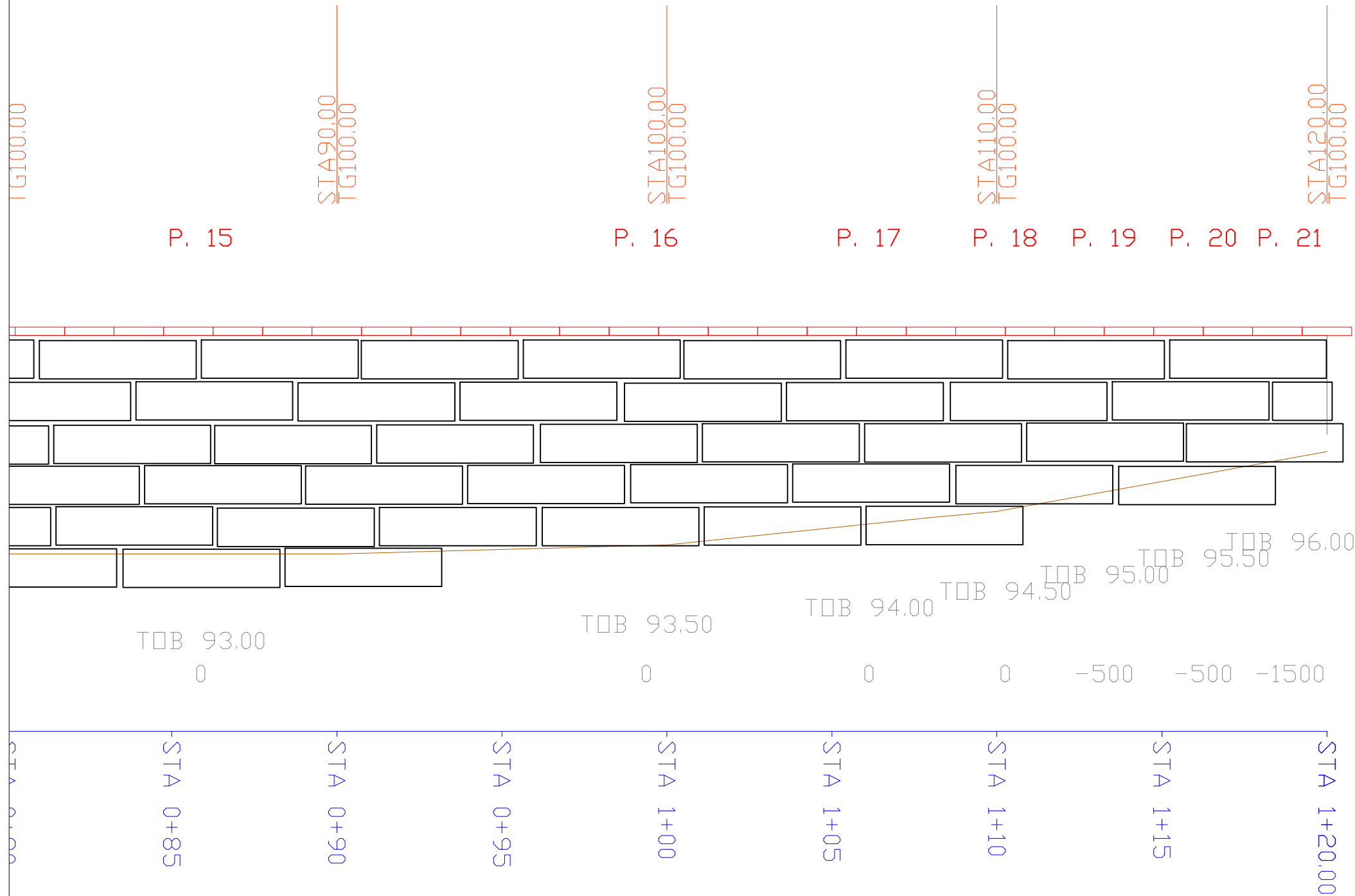
No.	Revision/Issue	Date

Firm Name and Address
Kahn Engineering LLC
2700 Burries Rd
Hartland, WI 53029
816-500-5298
KahnEngLLC@gmail.com

Project Name and Address
Brian and Tracey Lanning
3022 NW Thoreau Pl.
Lee's Summit, MO 64081

Project	Sheet
Natural Rock Wall	03
Date	7/23/2024
Scale	As Noted

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/29/2024



101
100
99
98
97
96
95
94
93
92
91

General Notes

1. The retaining wall shall be built according to this plan. Should any unanticipated field conditions be encountered, call Kahn Engineering right away. (816-500-5298)
2. Utility facilities are not shown on this plan. Call Missouri One Call (1-800-DIG-RITE) (1-800-344-7483) at least three days before you dig. Be cautious around utility facilities.

No.	Revision/Issue	Date

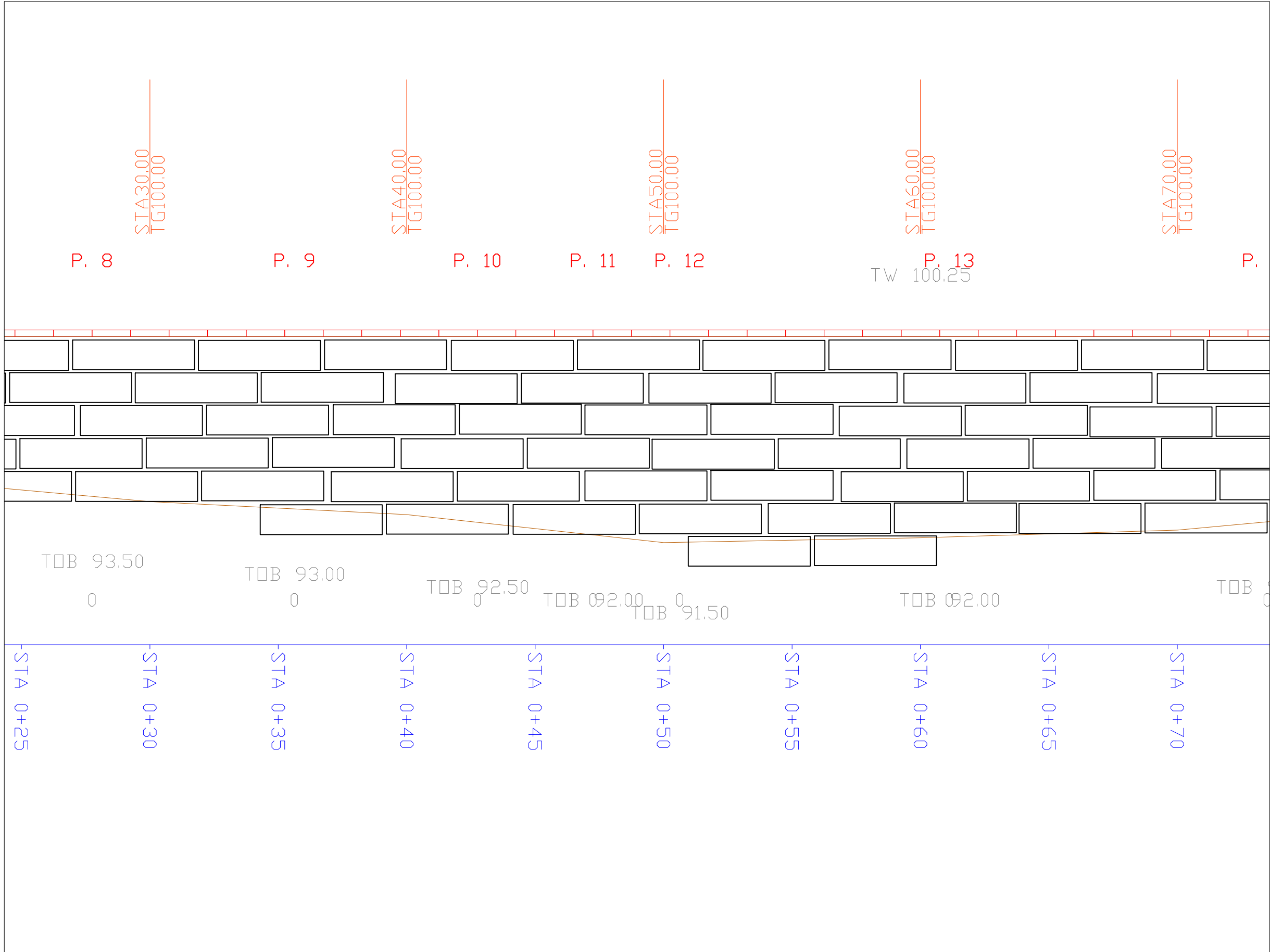
Firm Name and Address
Kahn Engineering LLC
2700 Burries Rd
Hartland, WI 53029
816-500-5298
KahnEngLLC@gmail.com

Project Name and Address
Brian and Tracey Lanning
3022 NW Thoreau Pl.
Lee's Summit, MO 64081

Project	Sheet
Natural Rock Wall	04
Date	7/23/2024
Scale	As Noted

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

07/29/2024



General Notes

1. The retaining wall shall be built according to this plan. Should any unanticipated field conditions be encountered, call Kahn Engineering right away. (816-500-5298)

2. Utility facilities are not shown on this plan. Call Missouri One Call (1-800-DIG-RITE) (1-800-344-7483) at least three days before you dig. Be cautious around utility facilities.

No.	Revision/Issue	Date

Firm Name and Address

Kahn Engineering LLC
2700 Burries Rd
Hartland, WI 53029

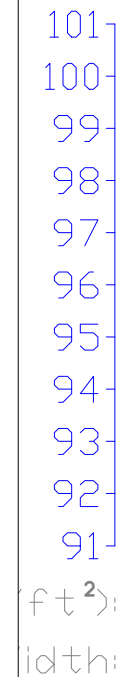
816-500-5298
KahnEngLLC@gmail.com

Project Name and Address

Brian and Tracey Lanning
3022 NW Thoreau Pl.
Lee's Summit, MO 64081

Project	Sheet
Natural Rock Wall	05
Date	7/23/2024
Scale	As Noted

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/29/2024



1. It was our pleasure to design this Natural Stone Retaining Wall for you. Please contact Dan at (816)500-5298 with any questions that you may have. Texting is okay.

Project Natural Rock Wall	Sheet 06
Date 7/23/2024	
Scale As Noted	RELEASE AS NOTED

RELEASE FOR CONSTRUCTION
AS NOTED FOR PLAN REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
07/29/2024