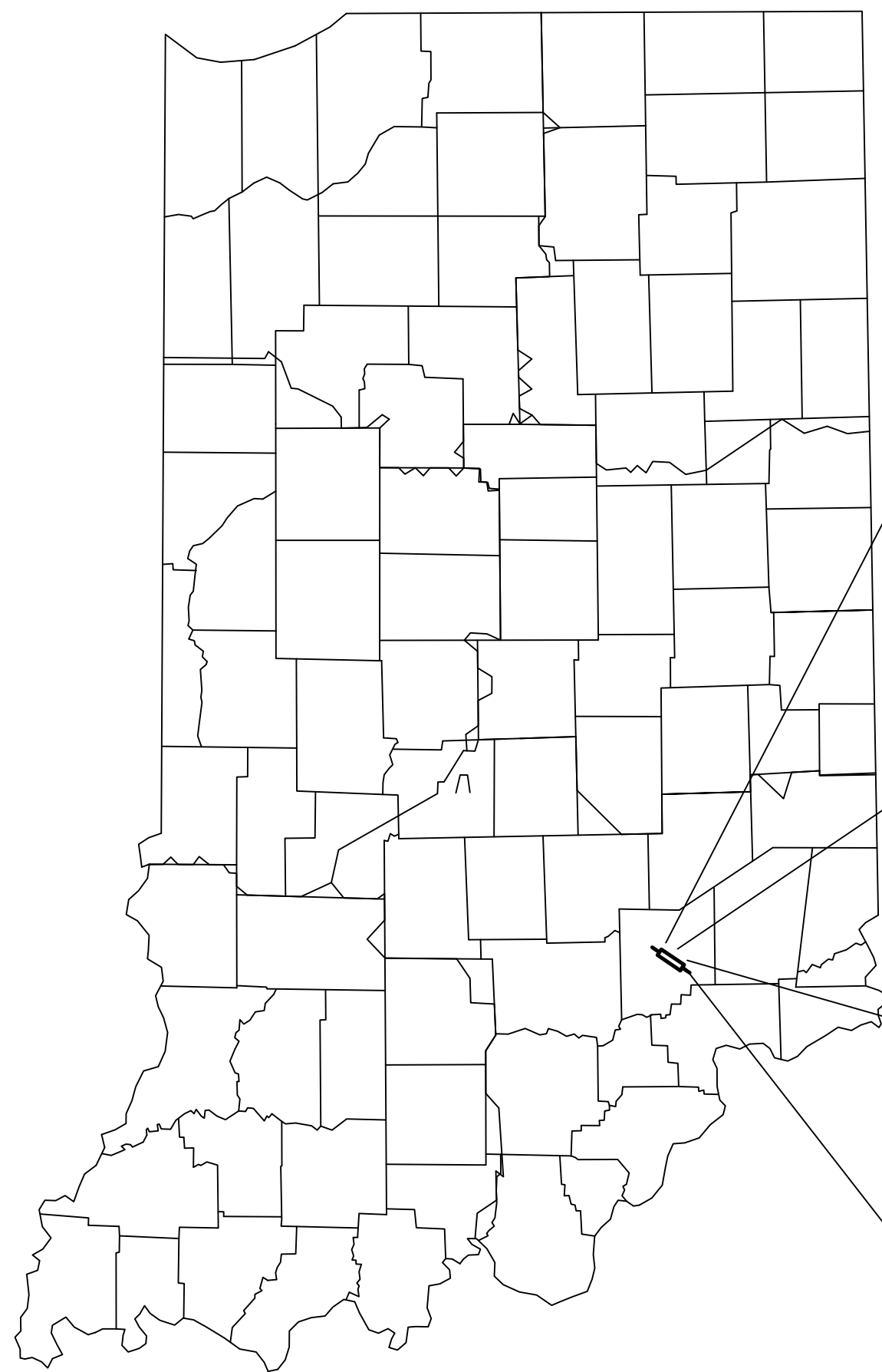
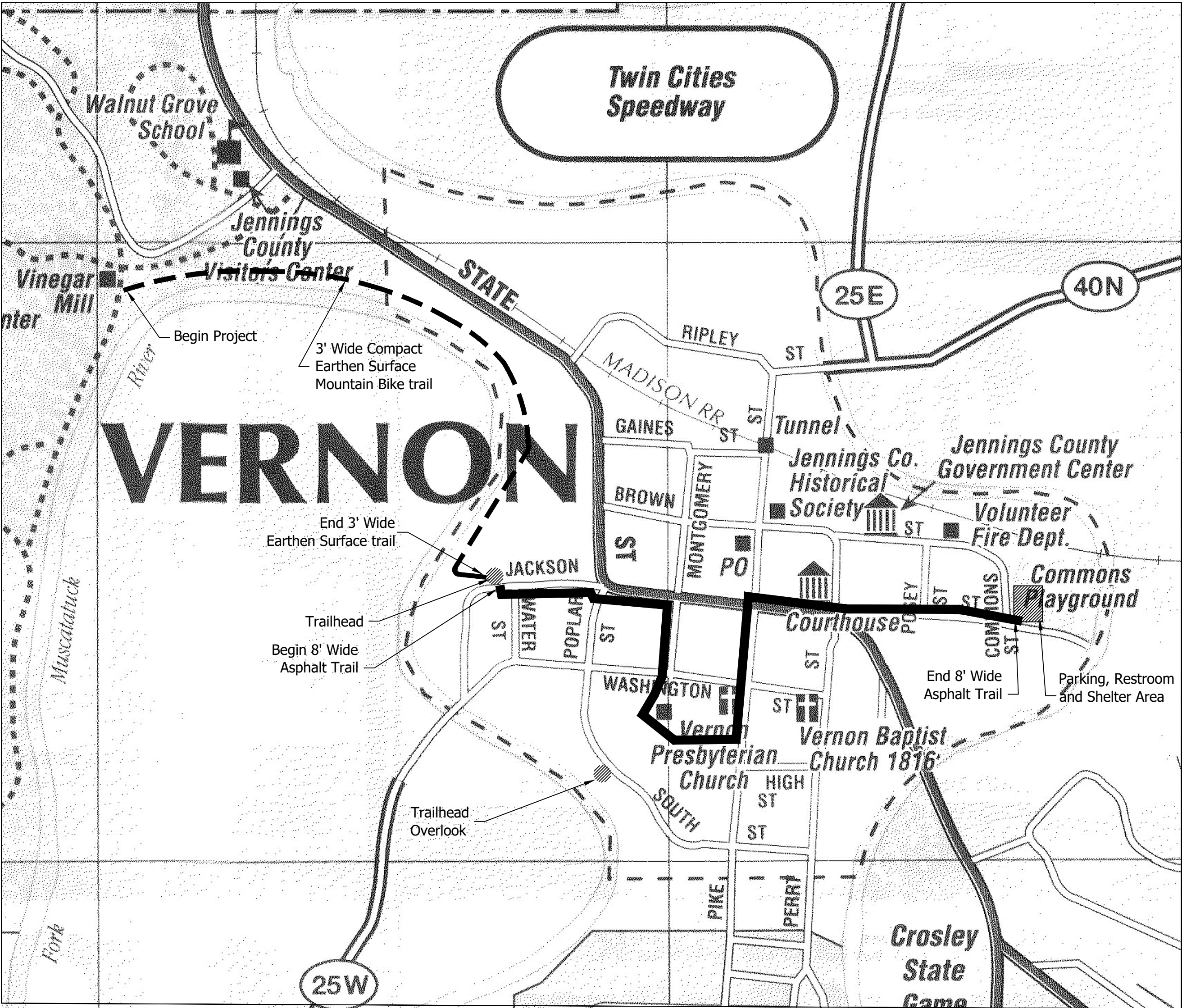


Vernon Historic Trail to Muscatatuck County Park
DNR NLT 02-08
Spring 2024 Planned Construction
Jennings County, Indiana



PROJECT LOCATION SHOWN BY



EXISTING FEATURES LEGEND
(APPLIES TO PLAN & PROFILE SHEETS)

OVERHEAD ELEC.	OE	STORM INVERT	RI
OVERHEAD TELE.	OT	SANITARY MH	◎
OVERHEAD CABLE	OTV	STORM MH	◎
UNDERGRND. ELEC.	UE	STORM INLET	◎
WATER	W	FIRE HYDRANT	◎
SANITARY SEWER	SAN	WATER METER	⊠
FORCE MAIN	FM	WATER VALVE	⊠
STORM PIPE	SP	POWER POLE	●
GAS	GAS	GUY WIRE	—
FLOWLINE	FL	ELECTRIC BOX	⊠
TREE LINE	TL	TELEPHONE POLE	⊠
BRUSH LINE	BL	TELEPHONE BOX	⊠
FIBEROPTIC LINE	FO	GAS METER	⊠
SIGN POLE	⊠	GAS VALVE	⊠
SIGNAL POLE	⊠	RR SPIKE FND.	▲
STREET LIGHT	⊠	RR SPIKE SET	▲
SIGNAL HANDHOLE	⊠	PK NAIL FND.	⊕
MAILBOX	⊠	MAG NAIL SET	⊕
CLEANOUT	⊠	IRON PIN FND.	⊕
BOLLARD	⊠	5/8" REBAR W/ CAP SET	●
ELECTRIC METER	⊠	COUNTY MONUMENT	⊠
DOWNSPOUT	⊠	CORNER POST	⊠
DECIDUOUS TREE	⊠	BENCHMARK	⊠
EVERGREEE TREE	⊠	TRAVERSE	⊠
STUMP	⊠	1/2" REBAR SET	⊠
		R/W MONUMENT	⊠
		MAG NAIL FND.	⊠

PLANS PREPARED BY:

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North Vernon, IN 47265
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PRELIMINARY
NOT FOR CONSTRUCTION

PREPARED FOR: TOWN OF VERNON
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL
FILE NUMBER: 2312939
DESIGN PHASE: OWNER REVIEW
OCTOBER 2, 2023
PLOT SHEETS TO SCALE ON 22" X 34"

UTILITIES

UTILITY UPDATE
REQUIRED



Per Indiana State Law IC-8-1-26-16, It is against the law to excavate without notifying the underground location service two full working days before commencing work.

INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY, 7 DAYS A WEEK

UTILITY NOTES

NOTE 1: All utilities depicted on these plans are at "Quality Level B".

NOTE 2: "Quality Level B" utility locates are based on markings provided by others. There is no guarantee as to the accuracy or completeness of these markings. The exact depth of existing utilities is uncertain and should be field verified by contractor as needed. Existing utility depths shown on profiles and cross sections are shown for information purposes only and are not to be taken as true depths.

NOTE 3: Utility quality level designations are based on ASCE 38-02 (Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data).

GENERAL NOTES

1. All earth cut and fill slopes shall be mulched seeded unless noted otherwise in the plans to have nursery sodding placed.

2.Where new trail is to be placed where sidewalk presently exists, the sidewalk shall be removed.

CONSTRUCTION LEGEND

- M MILE MARKER
- D TRAIL DIRECTIONAL MARKER
- WOOD BOLLARD
- R WOOD BOLLARD, REMOVABLE
- K KIOSK, INFORMATION
- G GATE, TRAIL
- C CONCRETE PAVED AREA

Sheet List Table	
Sheet Number	Sheet Title
G-001	TITLE SHEET
G-002	INDEX & GENERAL INFORMATION
C-000	TRAIL LINE DIAGRAM
C-001	TYPICAL SECTION - VERNON PAVED SECTION -Mod
C-002	TYPICAL SECTION - RIVER HIKING & MOUNTAIN BIKE SECTION
C-100	PLAN SHEET LAYOUT
C-101	PLAN & PROFILE No.1
C-102	PLAN & PROFILE No.2
C-103	PLAN & PROFILE No.3
C-104	PLAN & PROFILE No.4
C-105	PLAN & PROFILE No.5
C-106	PLAN & PROFILE No.6
C-107	PLAN & PROFILE No.7
C-108	PLAN & PROFILE No.8
C-108A	HISTORIC STRUCTURE CROSS SECTION NO.1
C-109	PLAN & PROFILE No.9
C-110	PLAN & PROFILE No.10
C-111	PLAN & PROFILE No.11
C-112	PLAN & PROFILE No.12
C-113	PLAN & PROFILE No.13
C-114	PLAN & PROFILE No.14
CS-100	FOOT BRIDGE SITE PLAN
CS-101	TRAILHEAD - WATER ST
CS-102	HIGH SCHOOL OVERLOOK
CS-103	SR 3 CROSSING
CS-104	COMMONS PARK
CD-100	DETAILS
CD-101	CONCRETE MASONRY UNIT RETAINING WALL
CD-102	FOOT BRIDGE NO.1
CD-103	FOOT BRIDGE NO.2
CD-104	FOOT BRIDGE NO.3
CD-105	STAIRCASE
CD-106	STEP AND RUN
CD-107	BOLLARDS
CD-108	SIGNS & MARKERS
CD-109	TRAIL DIRECTIONAL MARKER
CD-110	REASSURANCE MARKERS
CD-111	RIVER OVERLOOK STRUCTURE
CD-112	VERNON HIGH SCHOOL SHELTER
CD-113	COMMONS SHELTER
CD-114	TRAIL KIOSK
A-101	COMMONS RESTROOM

REVISIONS		
SHEET NO.	DATE	REVISED

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PRELIMINARY
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SCALE: 1" = 20'

DRAWN BY: CK

CHECKED BY: SG

DATE: OCTOBER 2, 2023

Revision	Drawn By	Date

FILE NO: 2312939

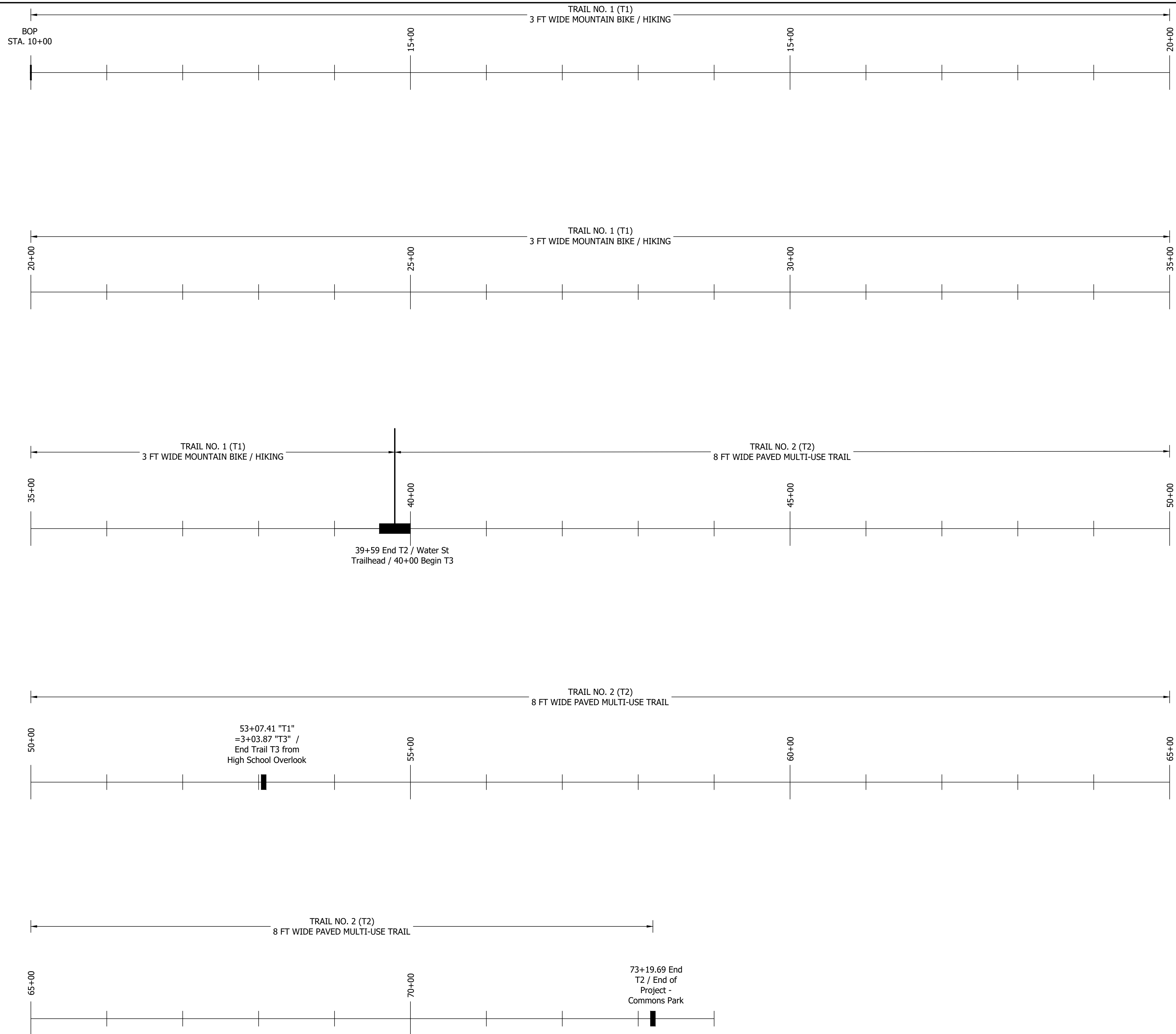
CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
INDEX & GENERAL INFORMATION

DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:
G-002



GENERAL NOTE:
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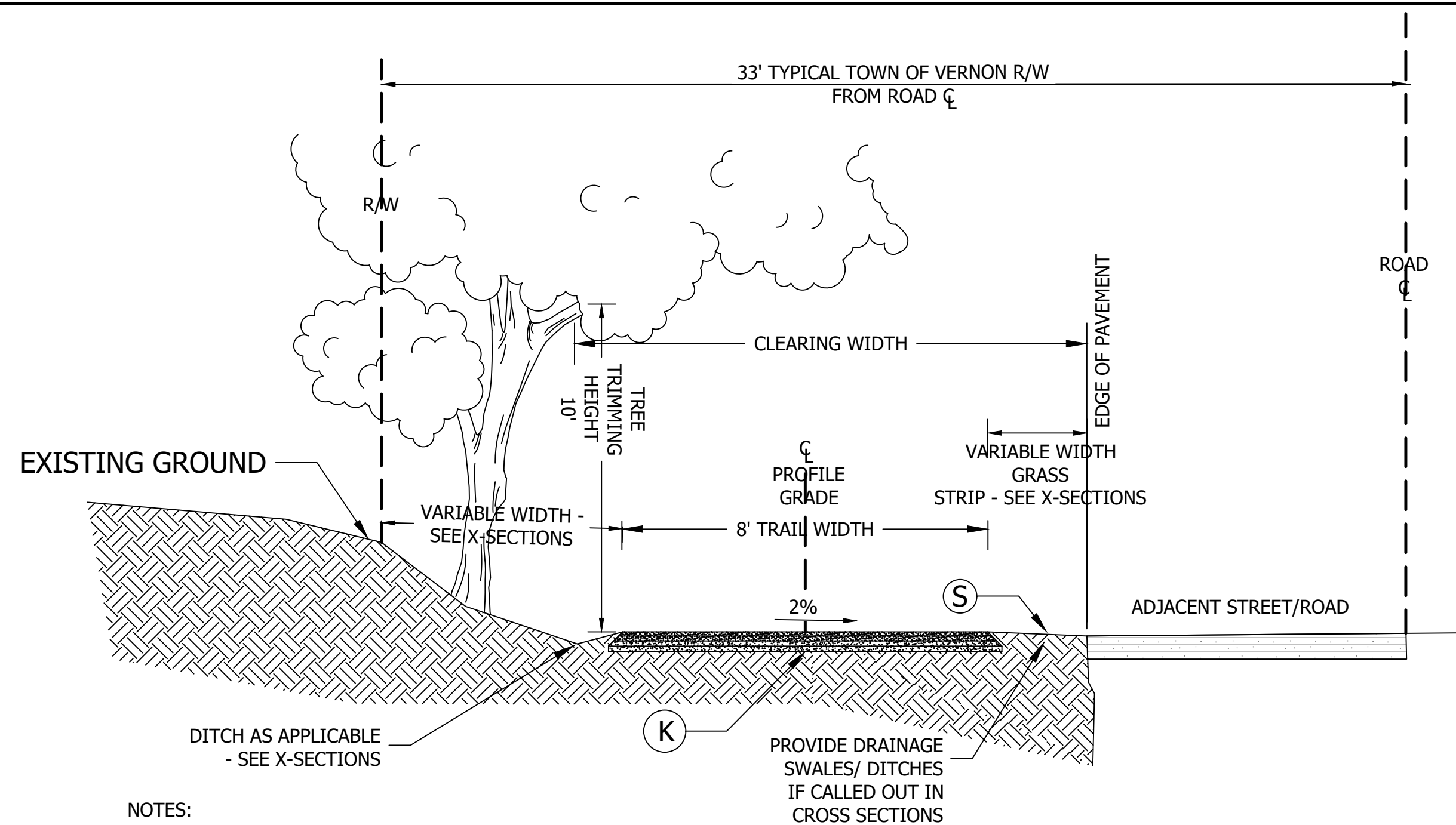
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DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME:		
TOWN OF VERNON		
PROJECT DESCRIPTION:		
VERNON MUSCATATUCK TRAIL		
SHEET TITLE:		
TRAIL LINE DIAGRAM		
DESIGN PHASE:		
OWNER REVIEW		
SHEET NUMBER:		
C-000		



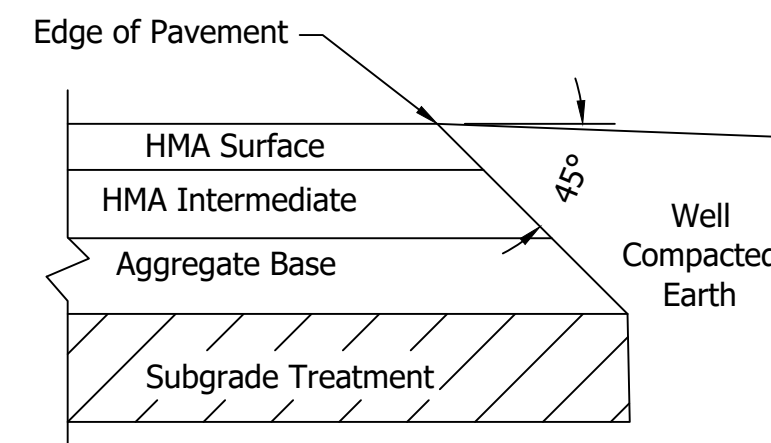
NOTES:

ALL SLOPES ARE SHOWN AS
VERTICAL-TO-HORIZONTAL DISTANCE (V:H).

ALL UNITS SHOWN ARE US CUSTOMARY UNITS IN INCHES
UNLESS OTHERWISE NOTED.

A

VERNON PAVED TRAIL TYPICAL SECTION

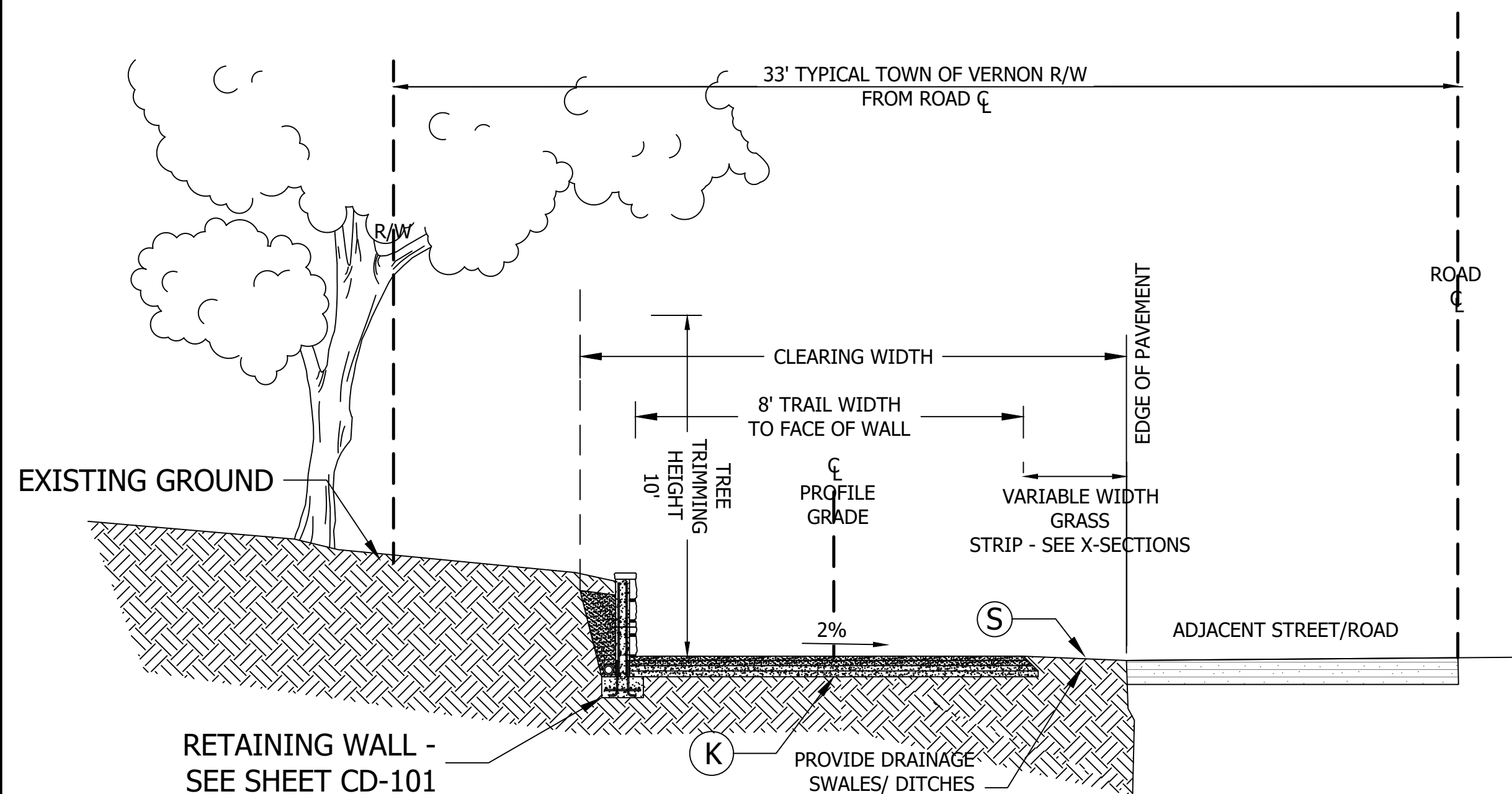


HMA PAVEMENT EDGE & SUBGRADE

SCALE: NOT TO SCALE

(K) 140 LBS/SYS HMA SURFACE, TYBE B on
220 LBS/SYS HMA INTER., TYPE B on
3" COMP. AGG. #53s on
Subgrade Treatment, Type V

(S) SODDING, NURSERY



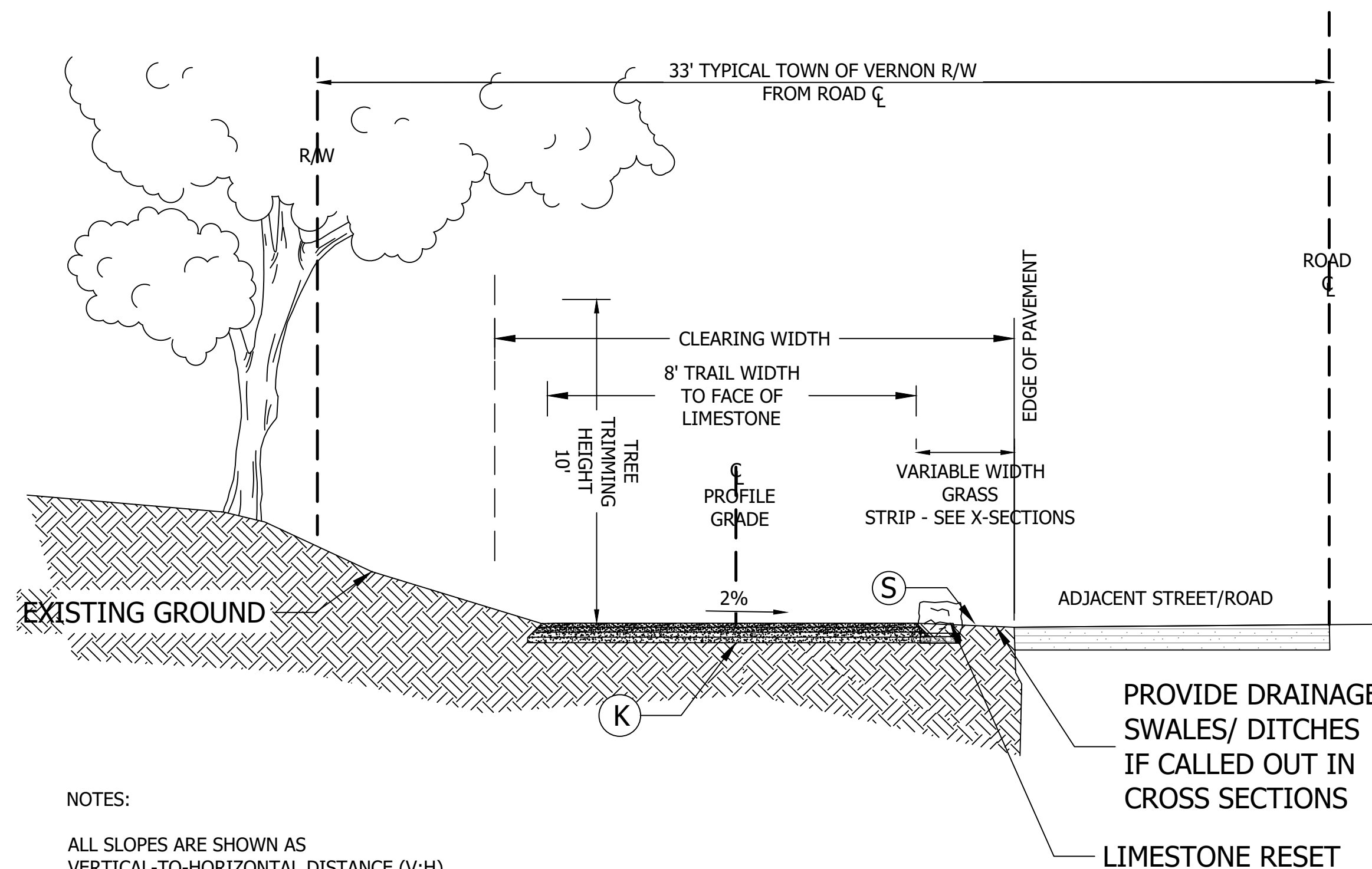
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B

VERNON PAVED TRAIL TYPICAL SECTION - RETAINING WALL AREA



NOTES:

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C

VERNON PAVED TRAIL TYPICAL SECTION - LIMESTONE RESET AREAS

GENERAL NOTE:
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PRELIMINARY
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SCALE: 1" = 20'

DRAWN BY: CK

CHECKED BY: SG

DATE: OCTOBER 2, 2023

Revision	Drawn By	Date

FILE NO: 2312939

CLIENT NAME:
TOWN OF VERNON

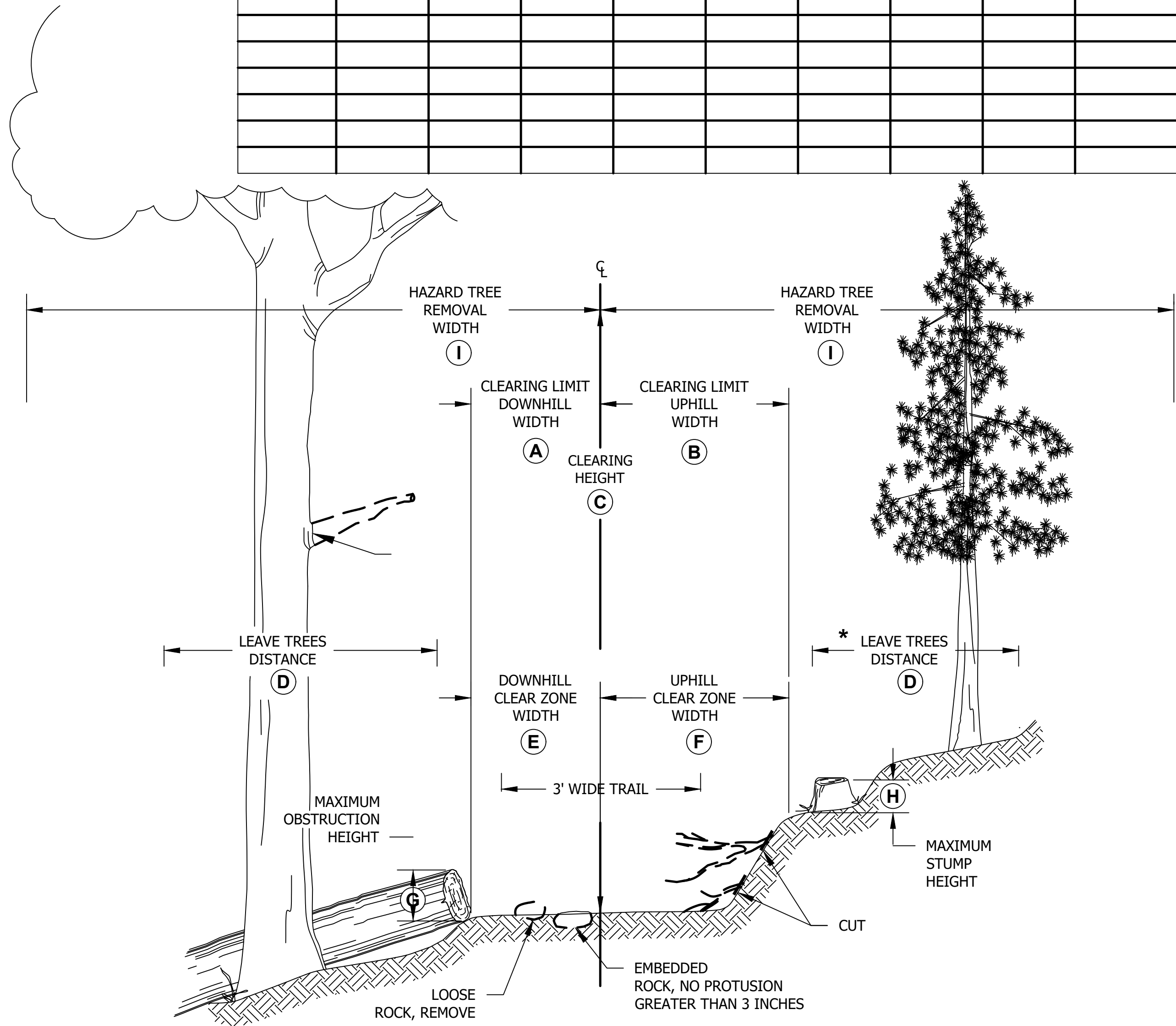
PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
TYPICAL SECTION - VERNON
PAVED SECTION -Mod

DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:

C-001



A RIVER HIKING & MOUNTAIN BIKE TYPICAL SECTION

CLEARING LIMITS - TREES AND LOGS

TYPICAL TRAIL ID	CLEARING METHOD	CLEARING LIMITS			* LEAVE TREES		CLEAR ZONE			STUMPS	HAZARD TREE	DISPOSAL METHOD	COMMENTS
		DOWNHILL WIDTH (A)	UPHILL WIDTH (B)	CLEARING HEIGHT (C)	DISTANCE (FEET) (D)	DIAMETER (INCHES)	DOWNHILL WIDTH (E)	UPHILL WIDTH (F)	MAXIMUM TRAILSIDE OBSTRUCTION HEIGHT (G)	MAXIMUM HEIGHT (H)	REMOVAL WIDTH (I)		
	C2	4.5 FT	4.5 FT	9 FT	N/A	N/A	4.5 FT	4.5 FT	8 IN*	N/A	N/A	D2	* OBSTRUCTION HEIGHT WITHIN TRAIL WIDTH NO GREATER THAN 3 INCHES

CLEARING METHOD

CLEARING TYPE	CLEARING METHOD	COMMENTS
C1	NEW CONSTRUCTION	TREES, PRUNING, & BRUSH
C2	CLEARING LIMIT RESTORATION	TREES, PRUNING, LOGS, BRUSH & MAINTENANCE
C3	TRAIL OPENING	LOGGING OUT, LOOSE ROCK & DRAINAGE CLEARING
C4	HAZARD TREE REMOVAL	ALONG TRAIL CORRIDOR
C5	HAZARD TREE REMOVAL	INDIVIDUAL (AS MARKED)
C6	LOOSE ROCK & ROOT REMOVAL	
C7		

LEAVE TREES: LEAVE TREES SHOULD BE LIVE, SOUND & UNDAMAGED WITH UNCOMPROMISED ROOT SYSTEMS.

HAZARD TREES: HAZARD TREES ARE TREES THAT ARE STANDING OR LEANING DEAD TREES LARGER THAN 8 INCHES IN DIAMETER AND GREATER THAN 90 FEET IN HEIGHT.

DISPOSAL METHOD

DISPOSAL TYPE	DISPOSAL METHOD	COMMENTS
D1	LOP AND SCATTER OUTSIDE TRAILWAY	
D2	LOP AND SCATTER ON FILL SLOPE	
D3	PILE AND BURN	
D4	CHIP	
D5	HAUL TO DISPOSAL SITE	
D6		

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CHECKED BY: SG

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Revision	Drawn By	Date

FILE NO: 2312939

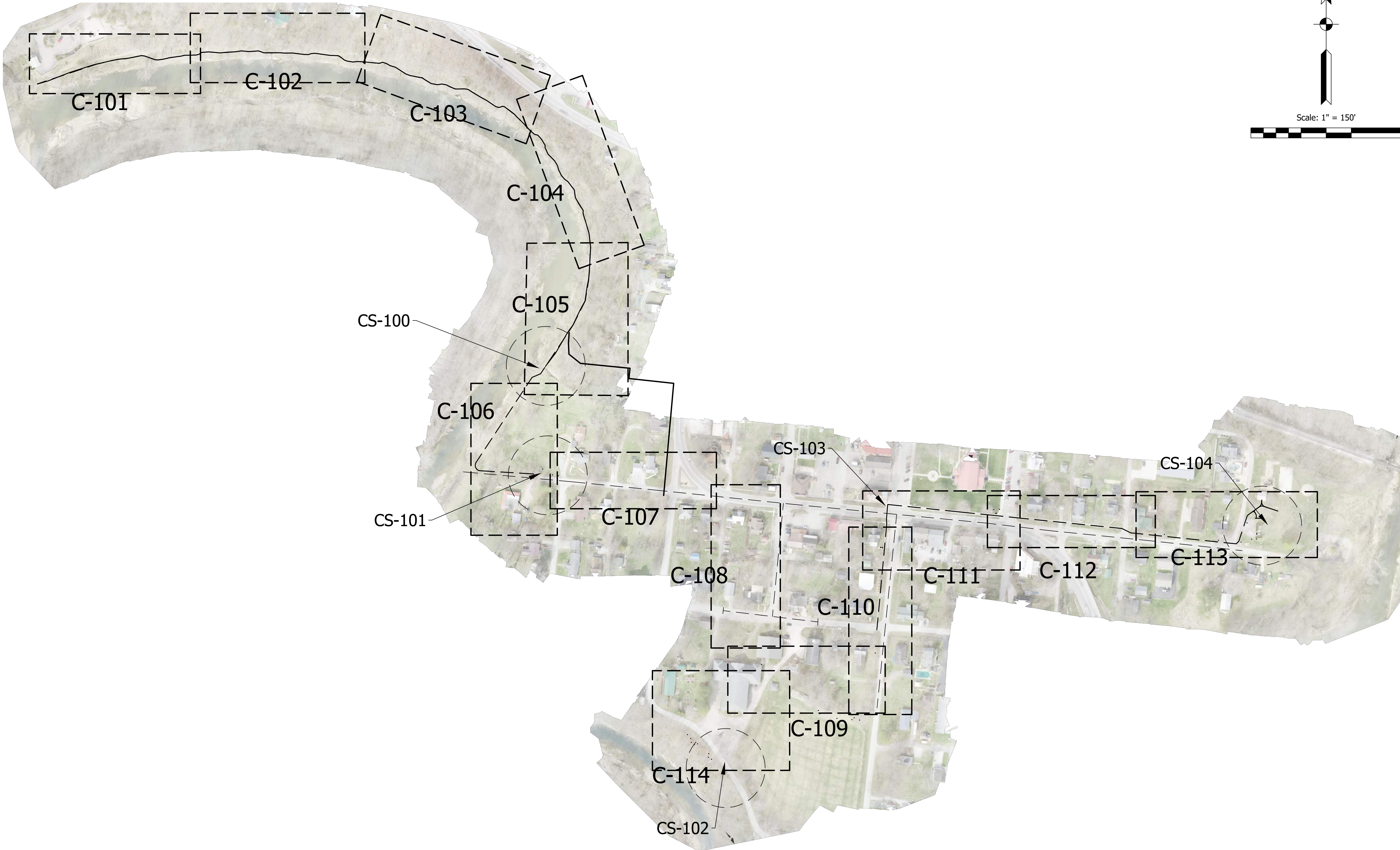
CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
TYPICAL SECTION - RIVER
HIKING & MOUNTAIN BIKE
SECTION


DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:
C-002



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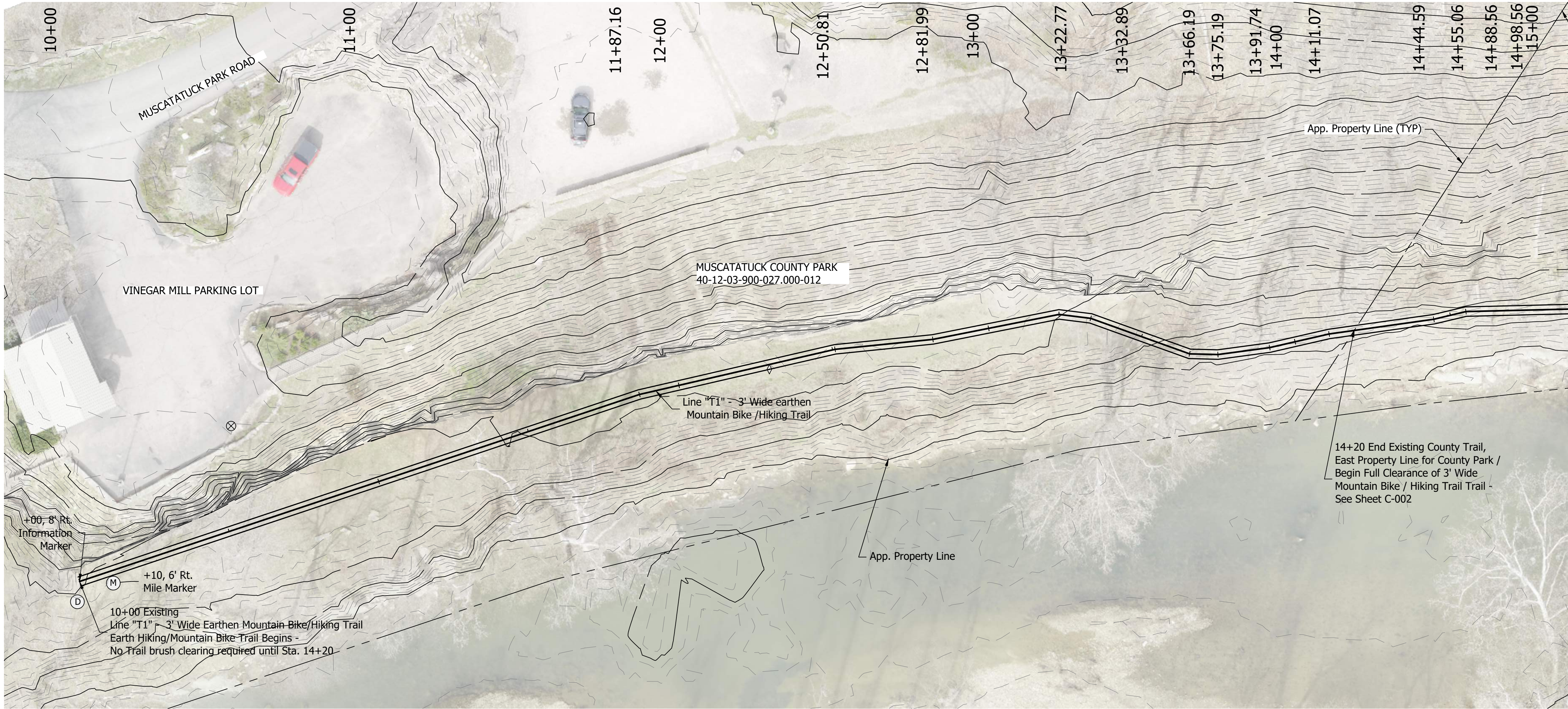
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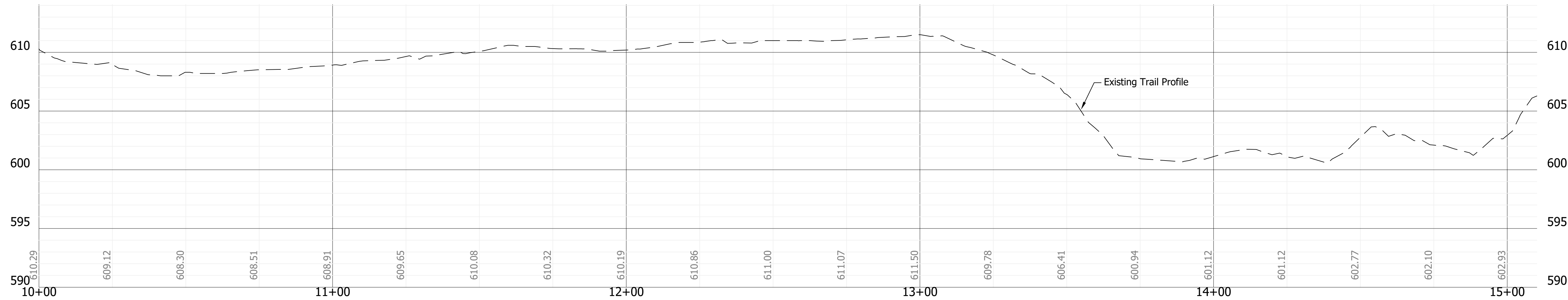
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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
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DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN SHEET LAYOUT		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-100		



Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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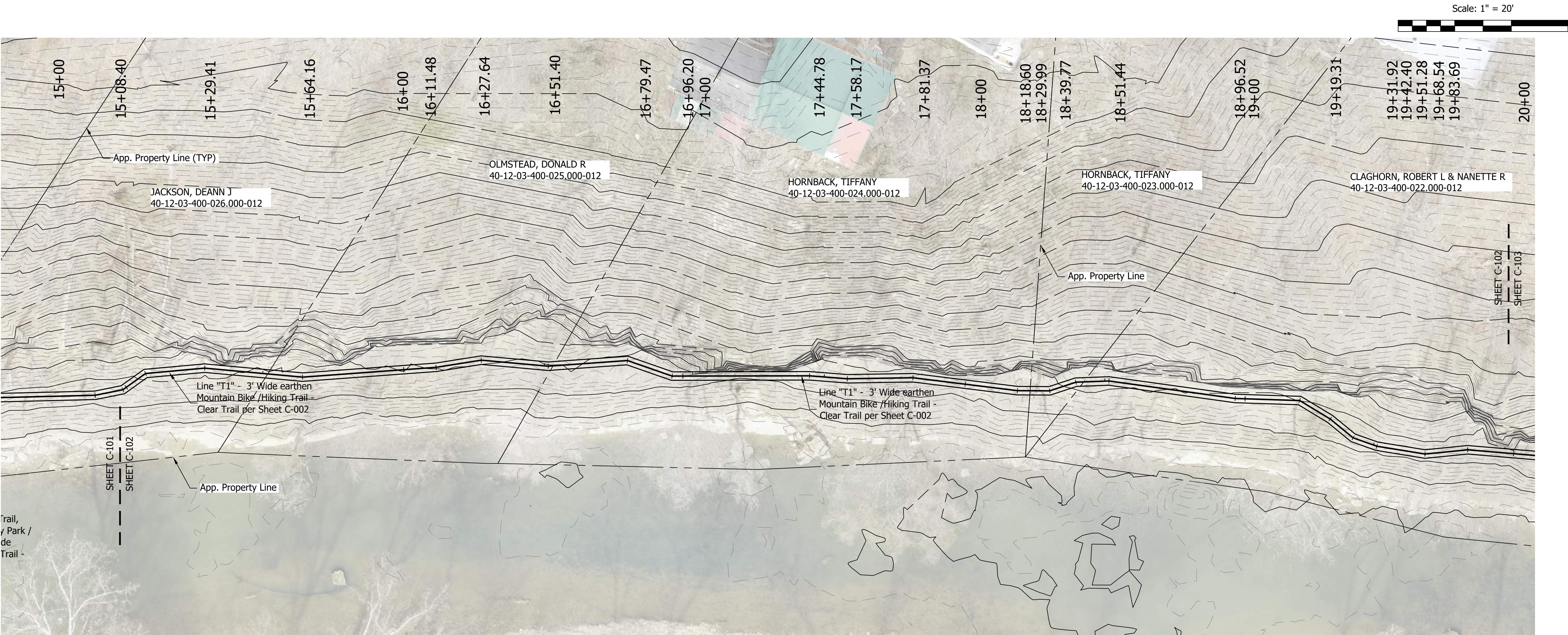
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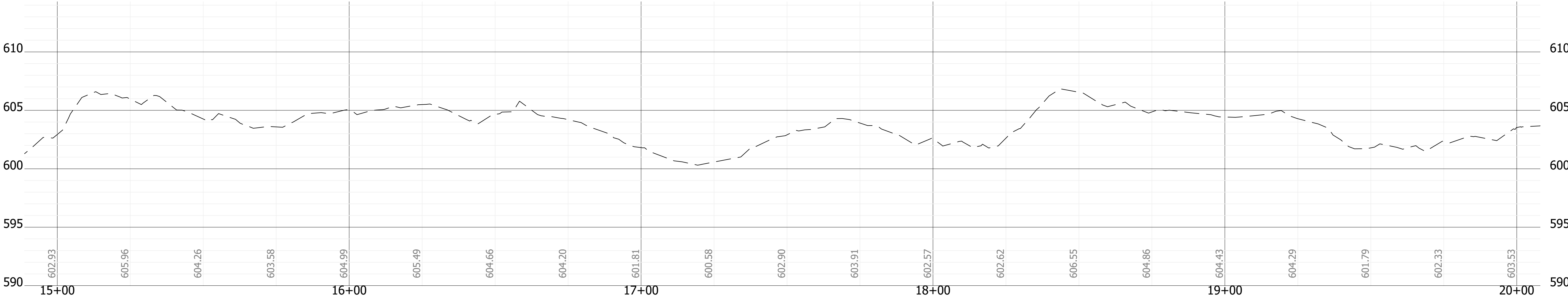
PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.1		
DESIGN PHASE: OWNER REVIEW		

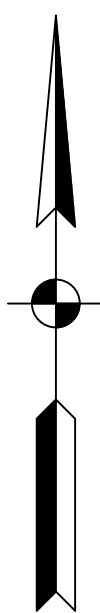
SHEET NUMBER:
C-101



Trail PLAN VIEW
SCALE: 1" = 20'




Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



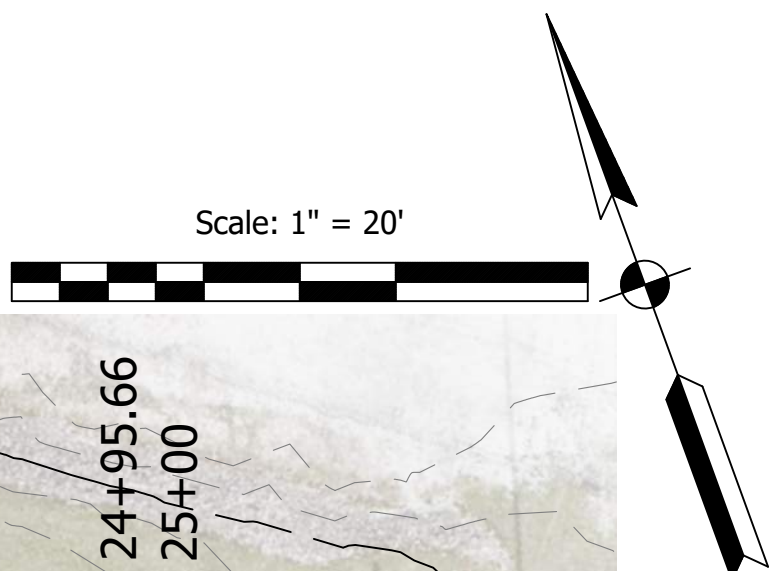
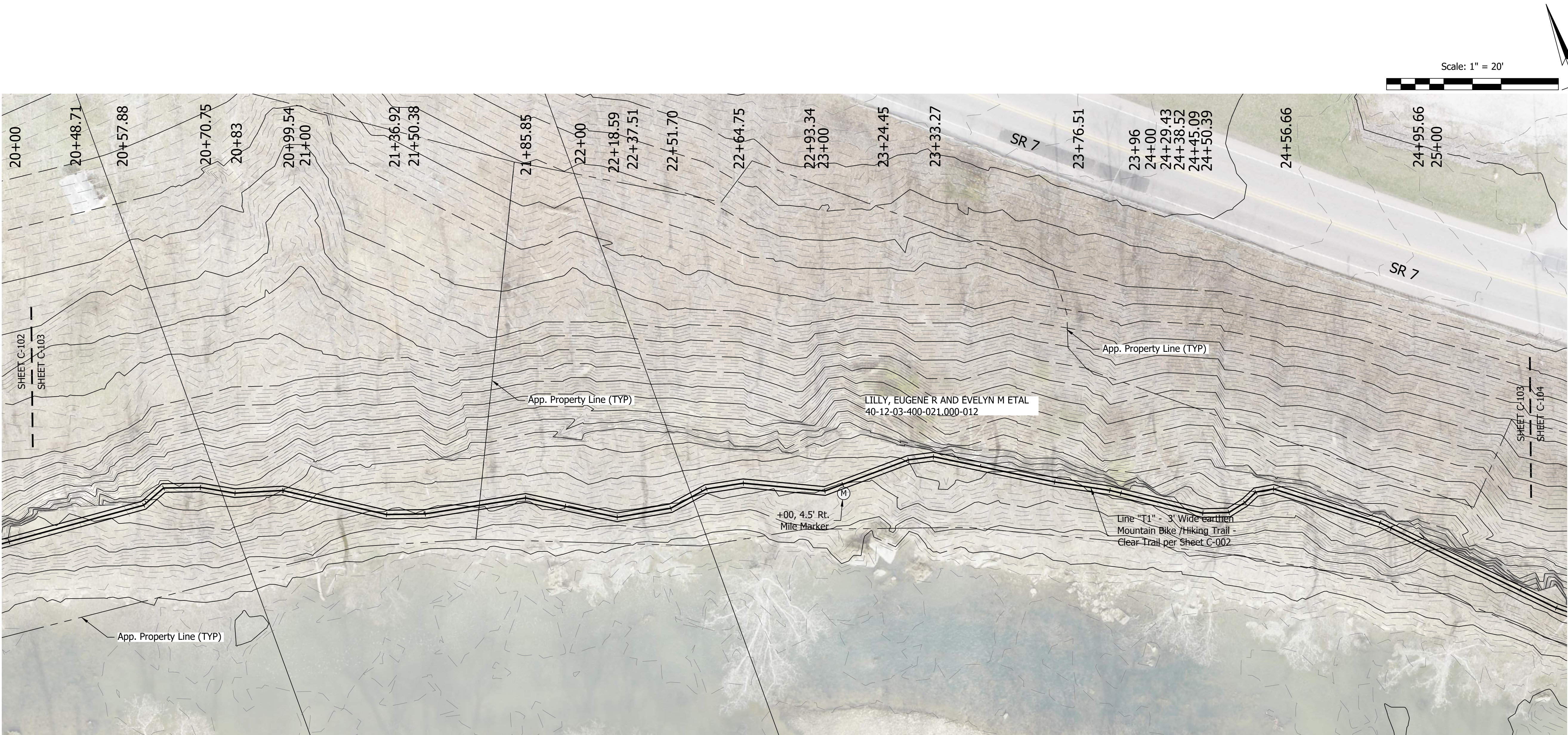
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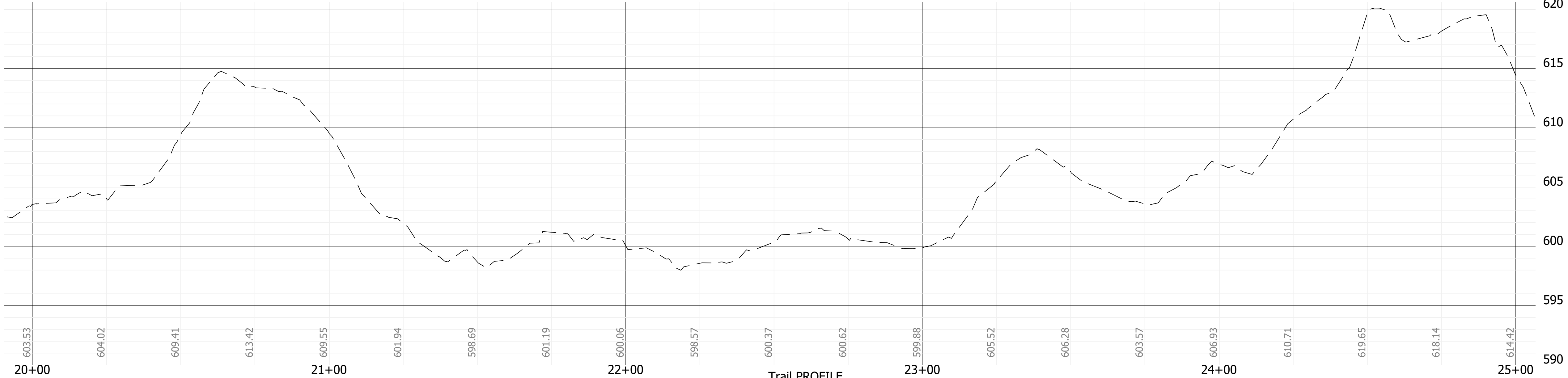
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.2		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-102		




Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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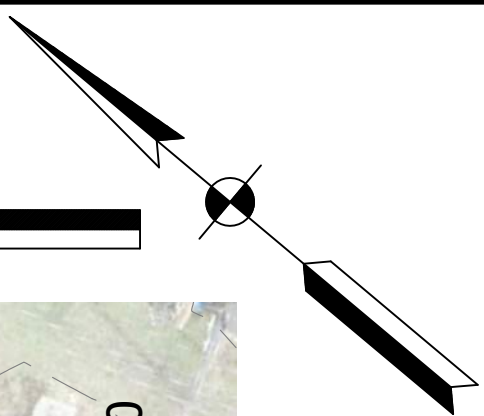
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.3		
DESIGN PHASE: OWNER REVIEW		

SHEET NUMBER:
C-103



Scale: 1" = 20'



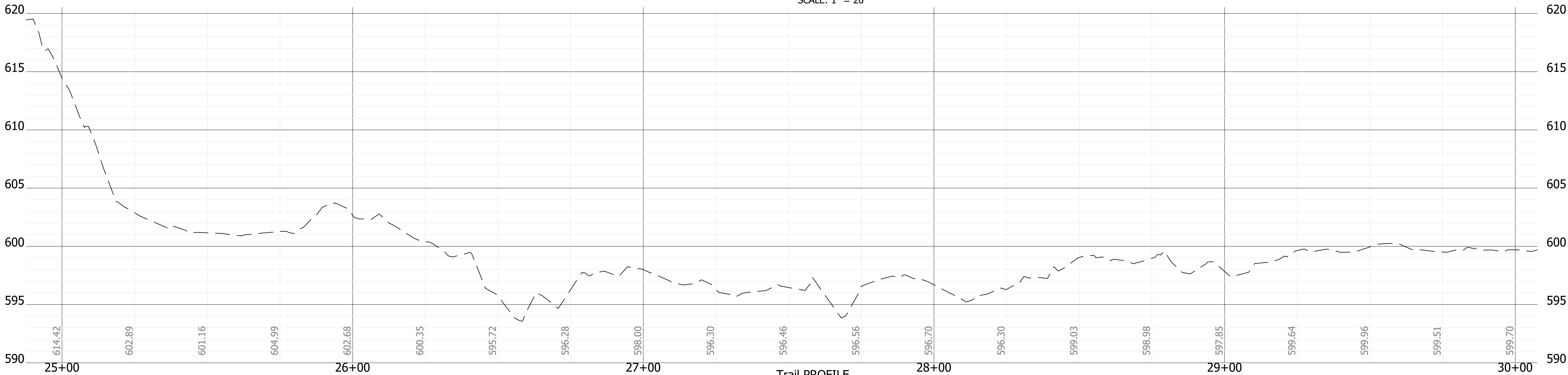
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Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

SCALE: 1" = 20'
DRAWN BY: CK
CHECKED BY: SG
DATE: OCTOBER 2, 2023

Revision	Drawn By	Date

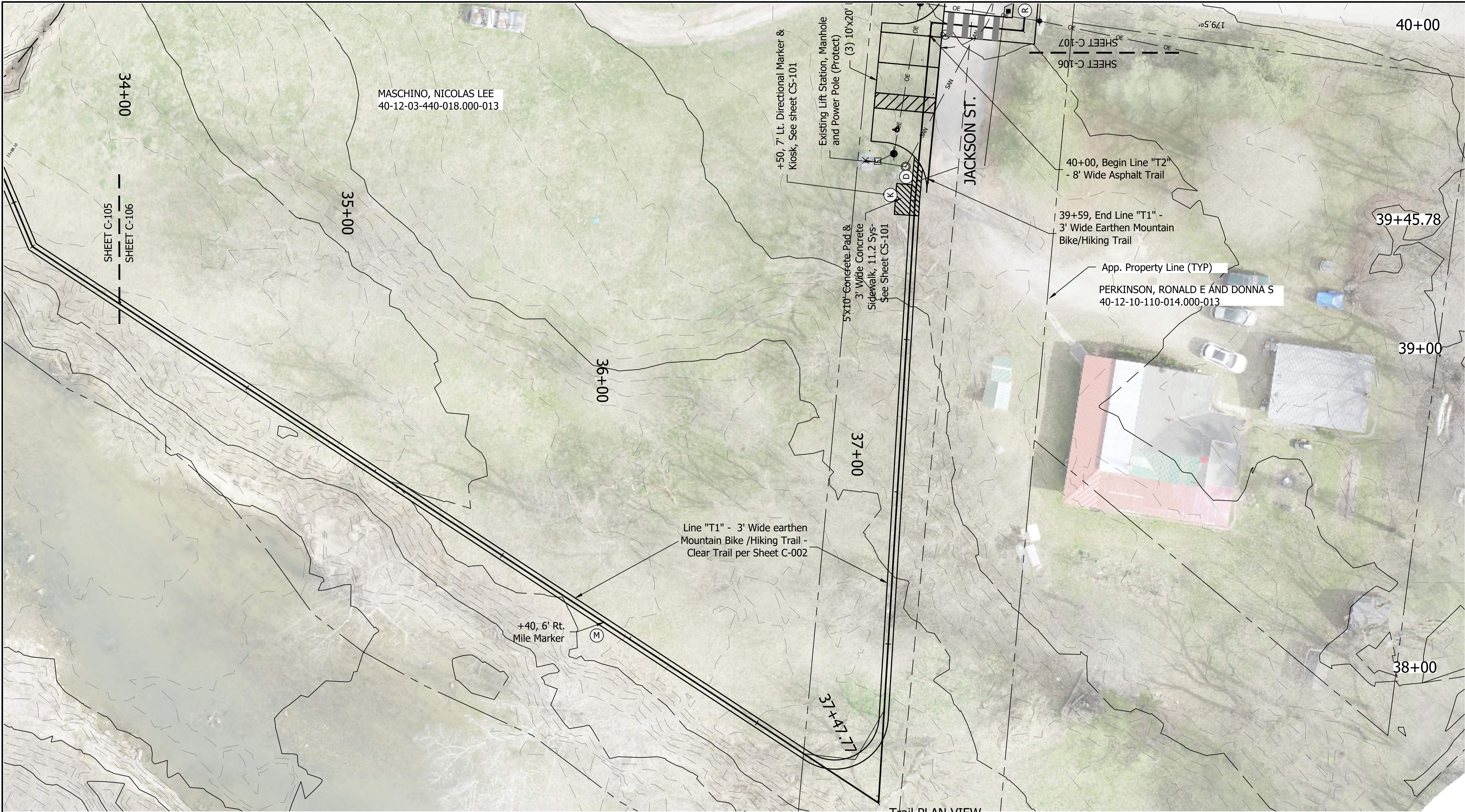
FILE NO: 2312939
CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

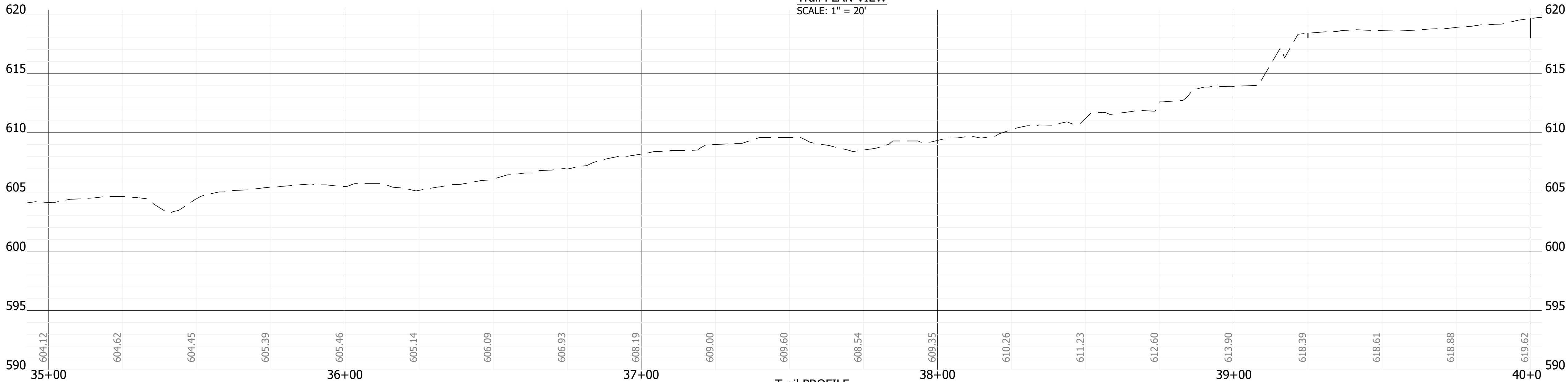
SHEET TITLE:
PLAN & PROFILE No.4

DESIGN PHASE:
OWNER REVIEW

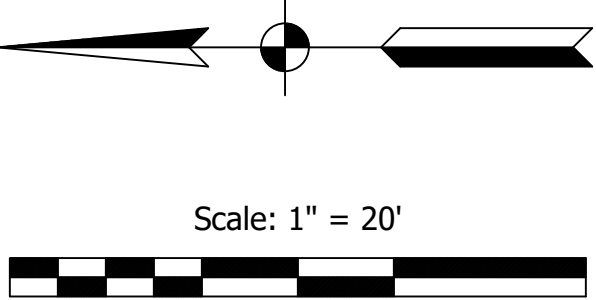
SHEET NUMBER:
C-104



Trail PLAN VIEW
SCALE: 1" = 20'




Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'



GENERAL NOTE:
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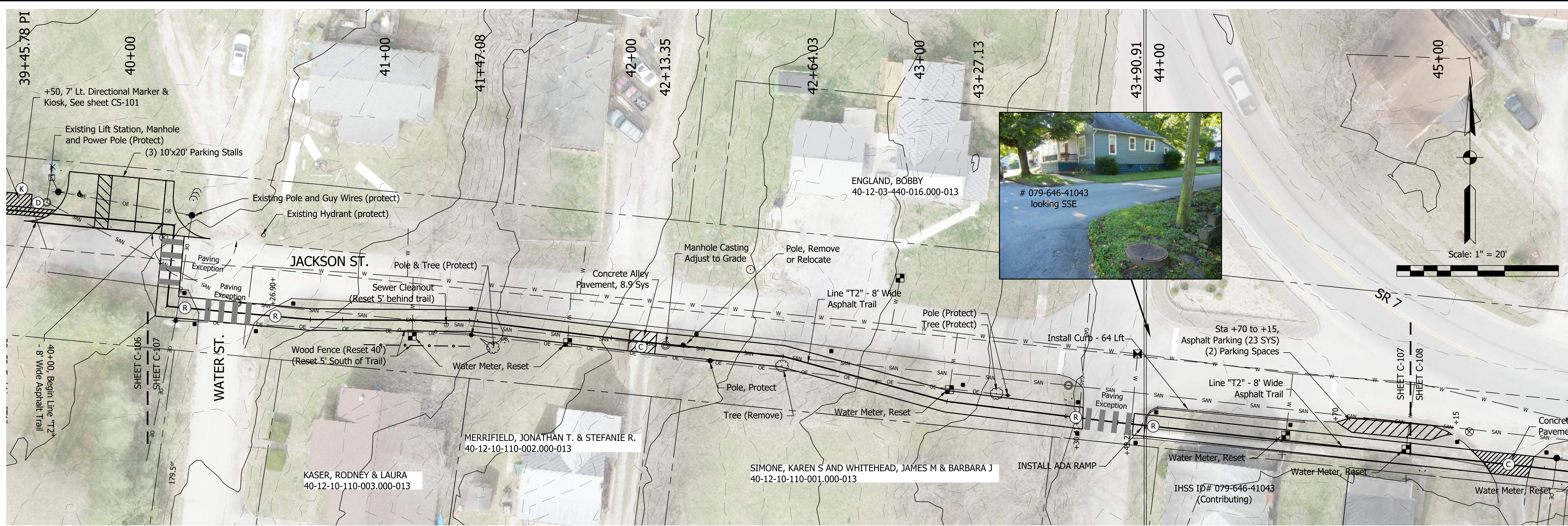
NOTES:
1. This sheet is to be: 22" X 34"

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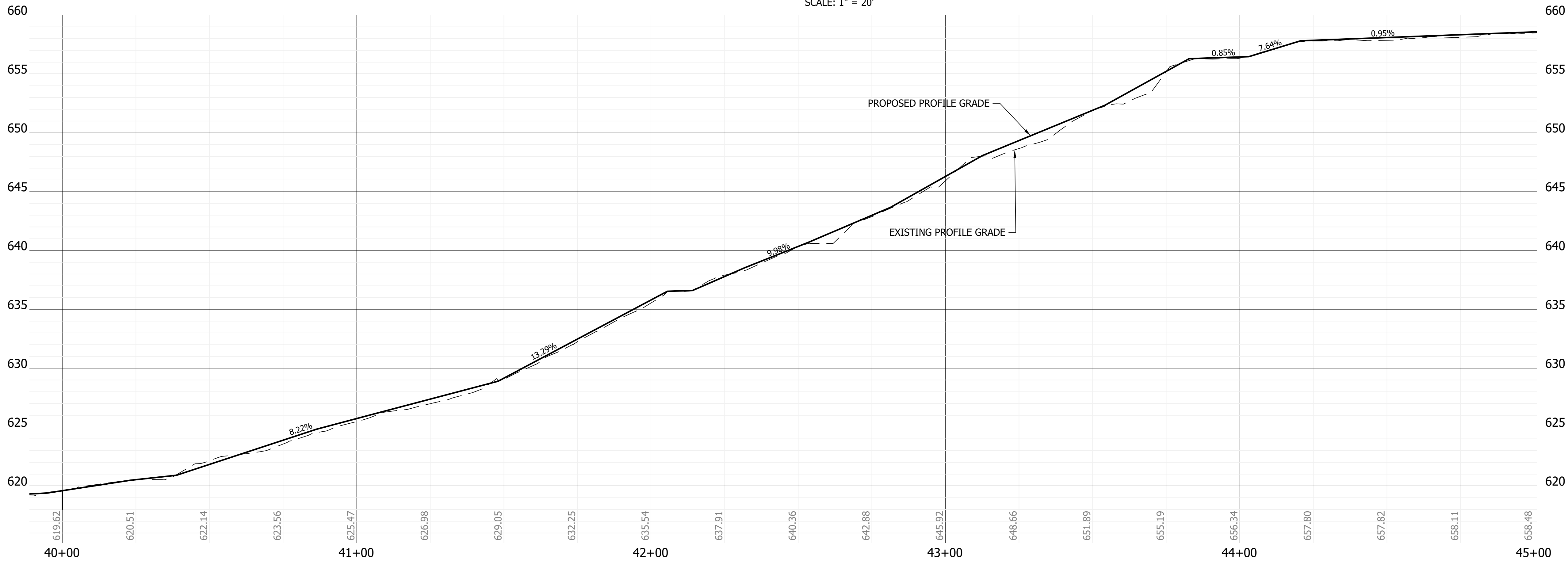
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.6		
DESIGN PHASE: OWNER REVIEW		

SHEET NUMBER:
C-106




Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

GENERAL NOTE:
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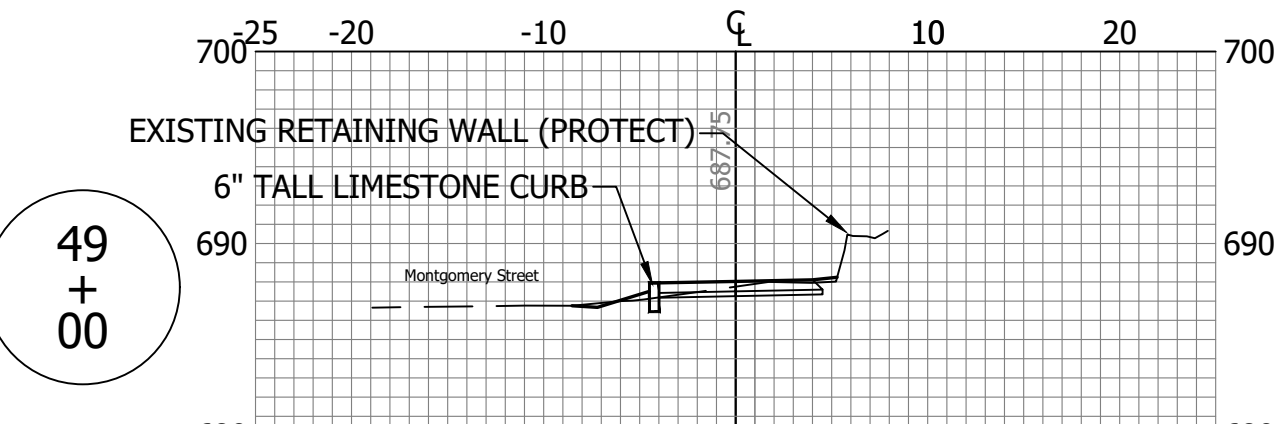
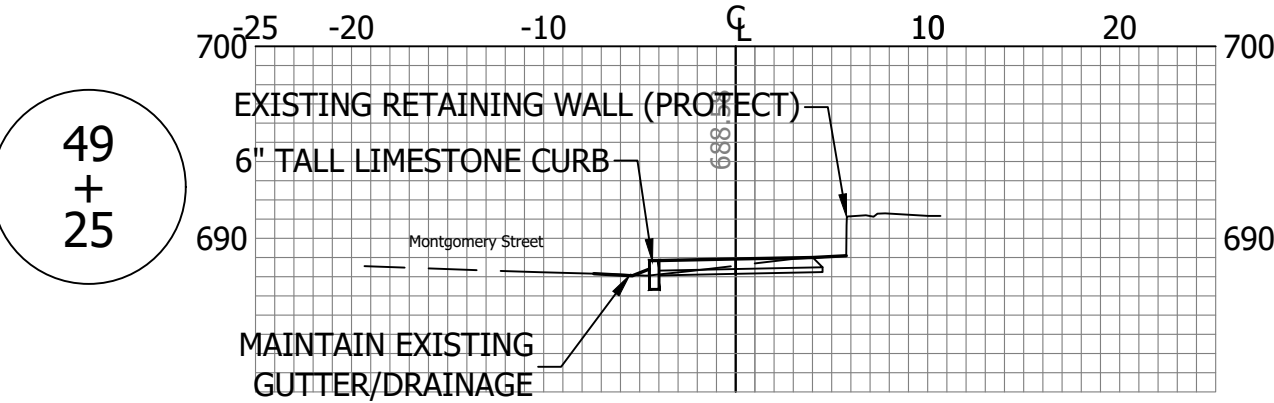
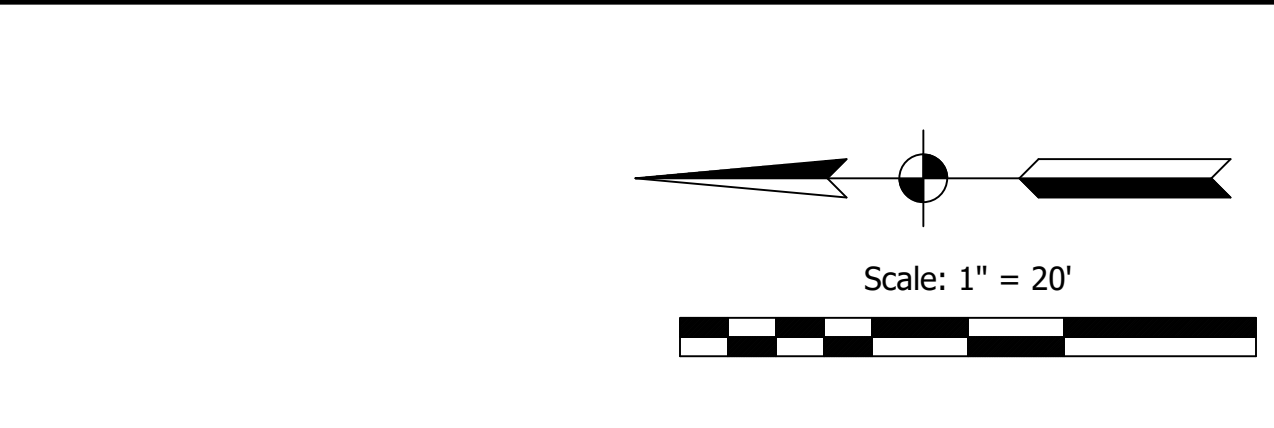
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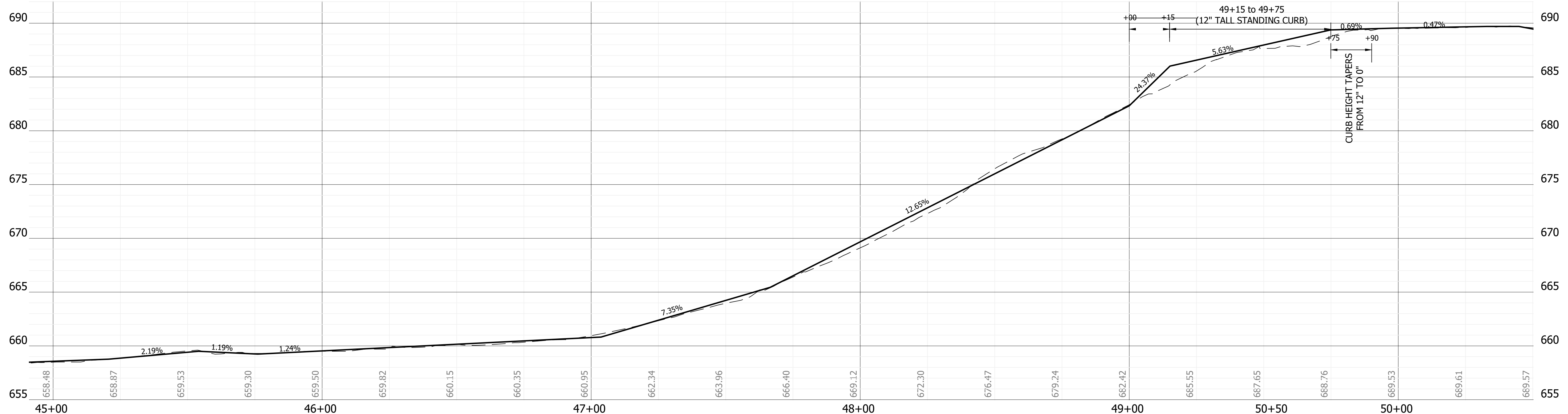
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.7		
DESIGN PHASE: OWNER REVIEW		

SHEET NUMBER:
C-107



IHSS Structure #079-646-41088
Proposed Cross Section



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

GENERAL NOTE:
All construction to meet or exceed all state, local, and federal codes & requirements, including but not limited to current INDOT, ISBH, IDEM, OSHA, local requirements & codes. The drawings & specs. that make up the work of this project are interrelated & dependent on every other drawing and spec. section. The contractor shall review all other specs., drawing & addendum (if applicable) to coordinate all work that relates to this project. If an item is drawn or specified on any spec. section or drawing, it shall be as if it were part of this work and shall be provided for in the contract.

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PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'
DRAWN BY: CK
CHECKED BY: SG
DATE: OCTOBER 2, 2023

Revision	Drawn By	Date

FILE NO: 2312939
CLIENT NAME: TOWN OF VERNON

PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL


SHEET TITLE: PLAN & PROFILE No.8

DESIGN PHASE: OWNER REVIEW

SHEET NUMBER:
C-108

GENERAL NOTE:
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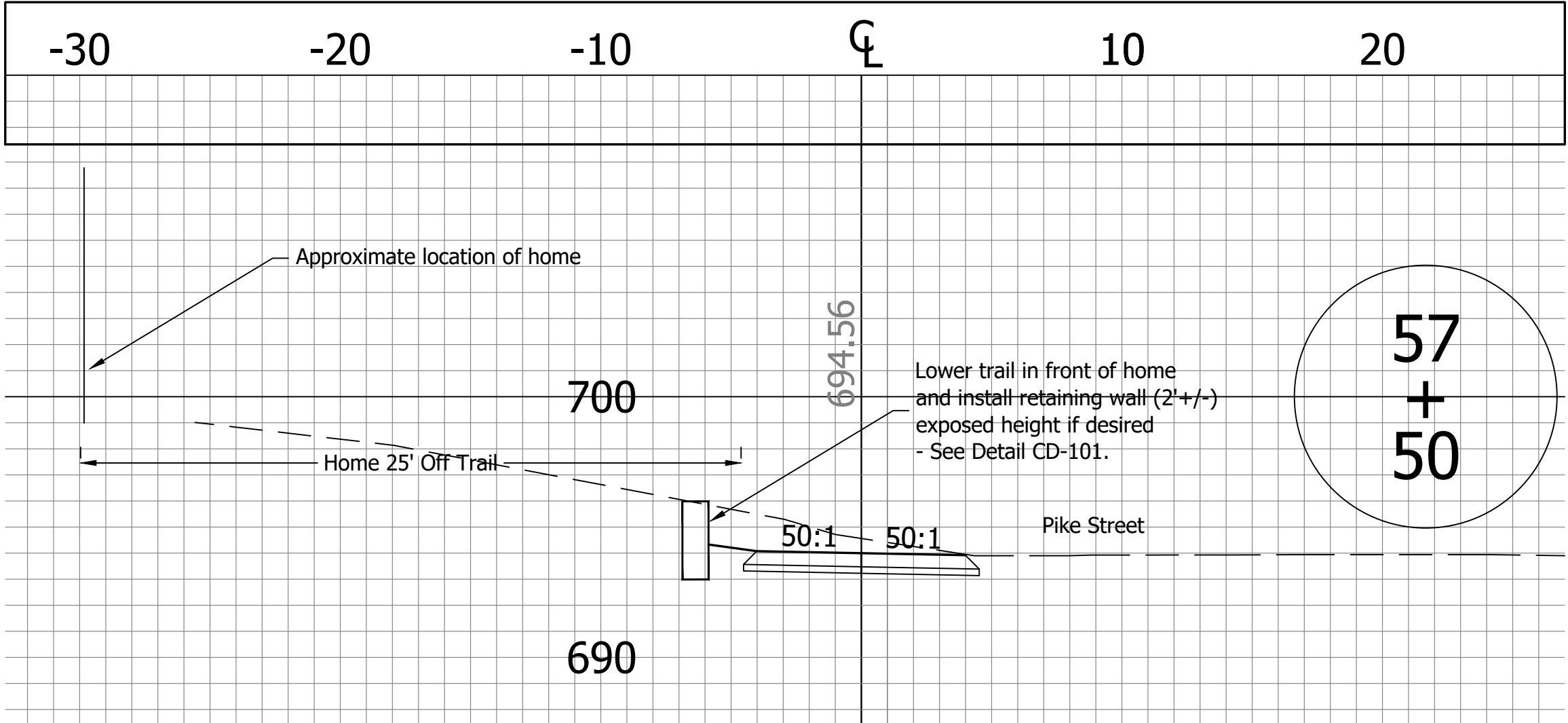
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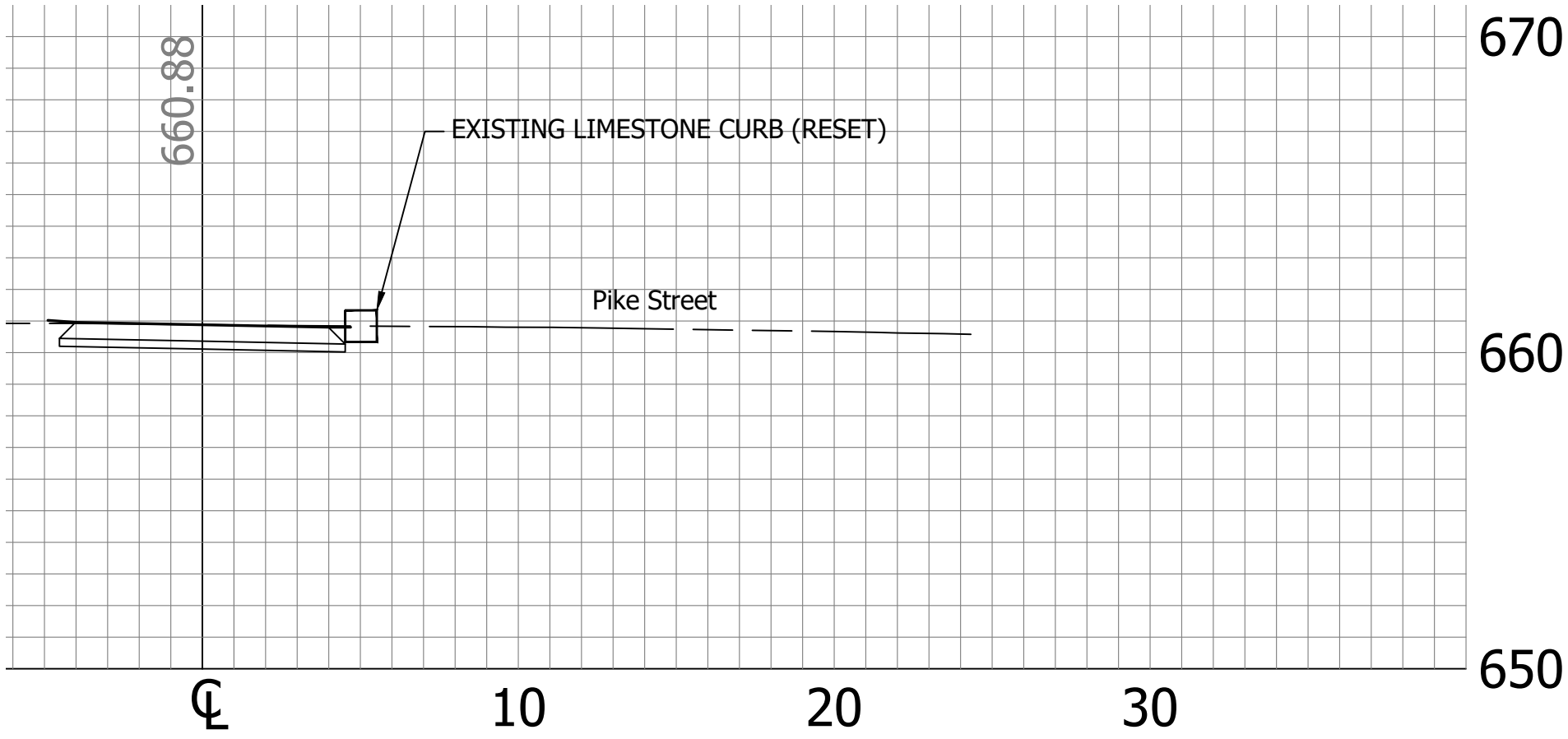
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DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: HISTORIC STRUCTURE CROSS SECTION NO.1		
DESIGN PHASE: OWNER REVIEW		

SHEET NUMBER:
C-108A

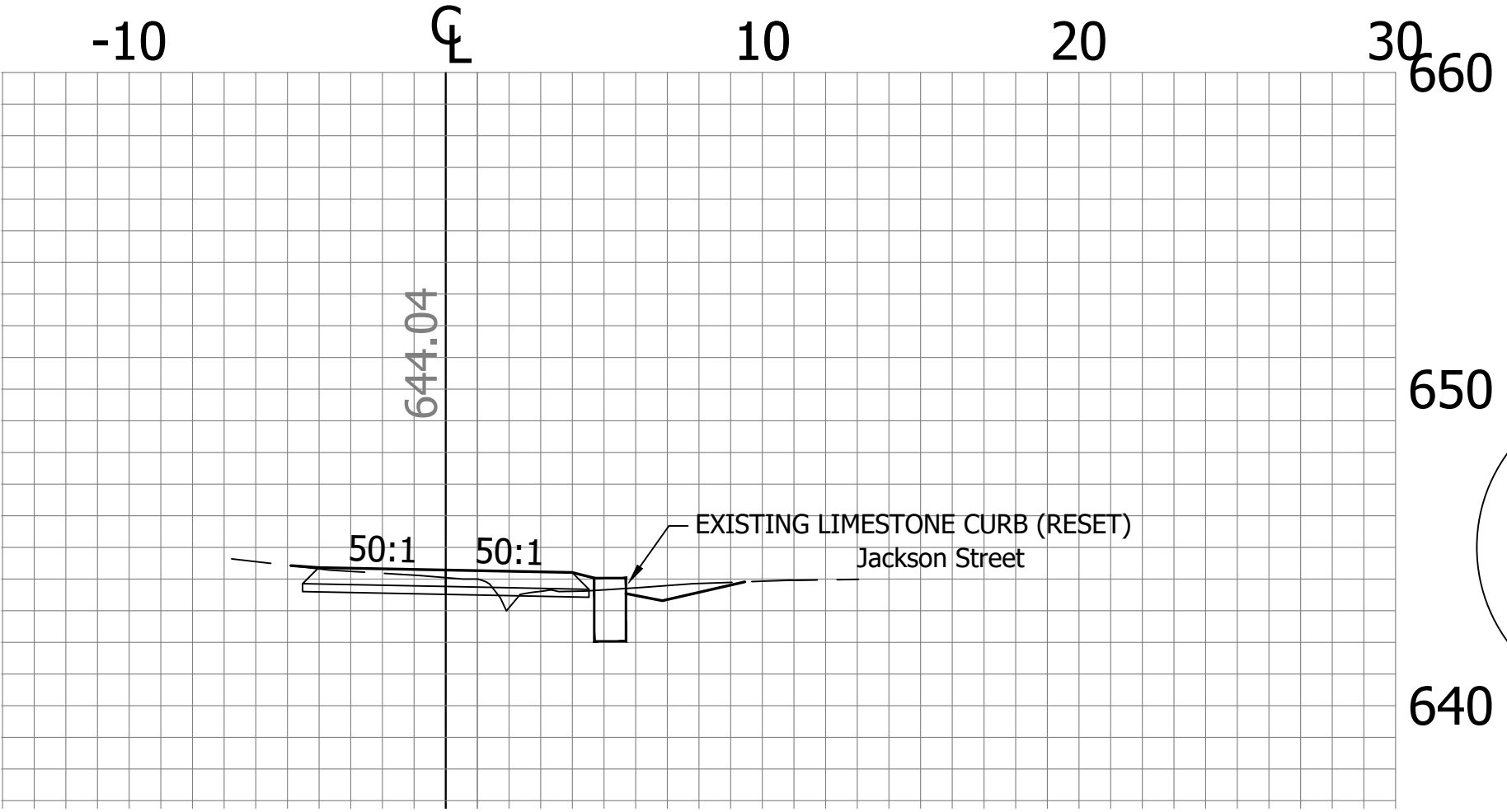
Trail X-Sections
SCALE: 1" = 5'



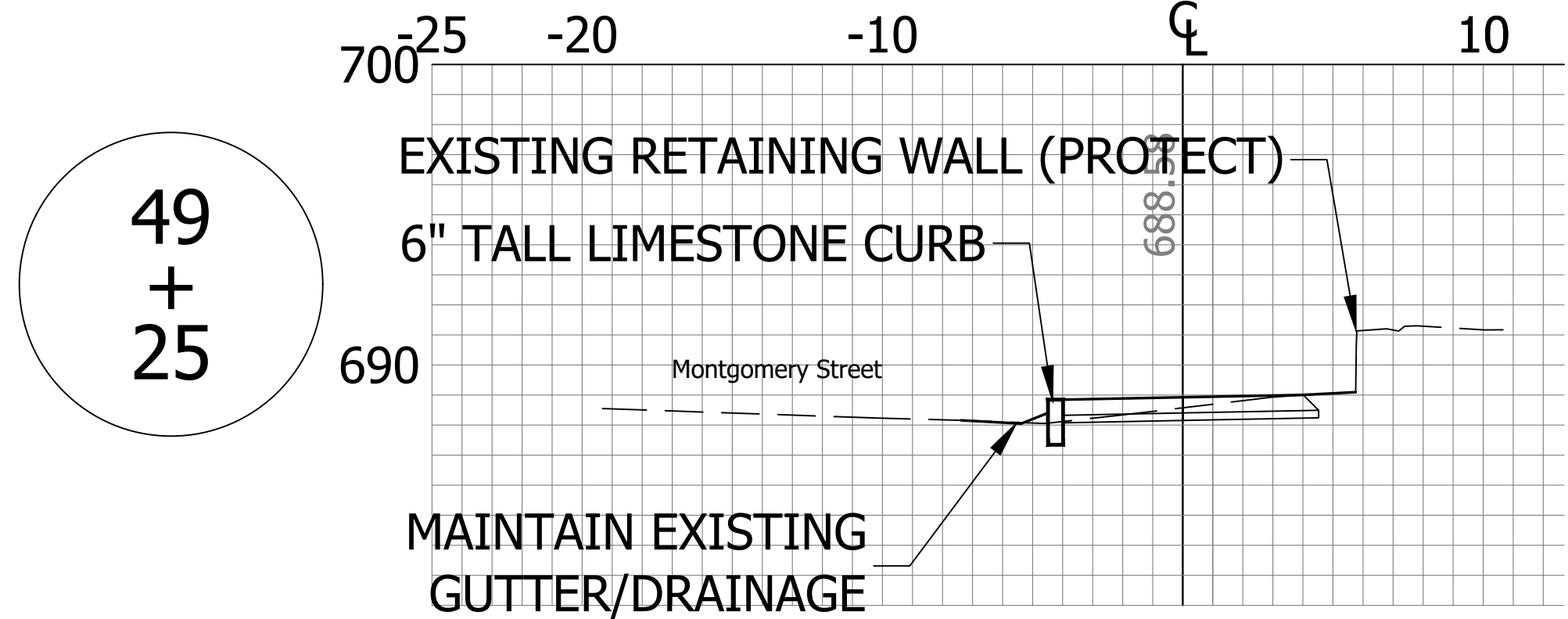
IHSS Structure #079-646-41072
Residence (Contributing) - Sheet C-110
Proposed Cross Section



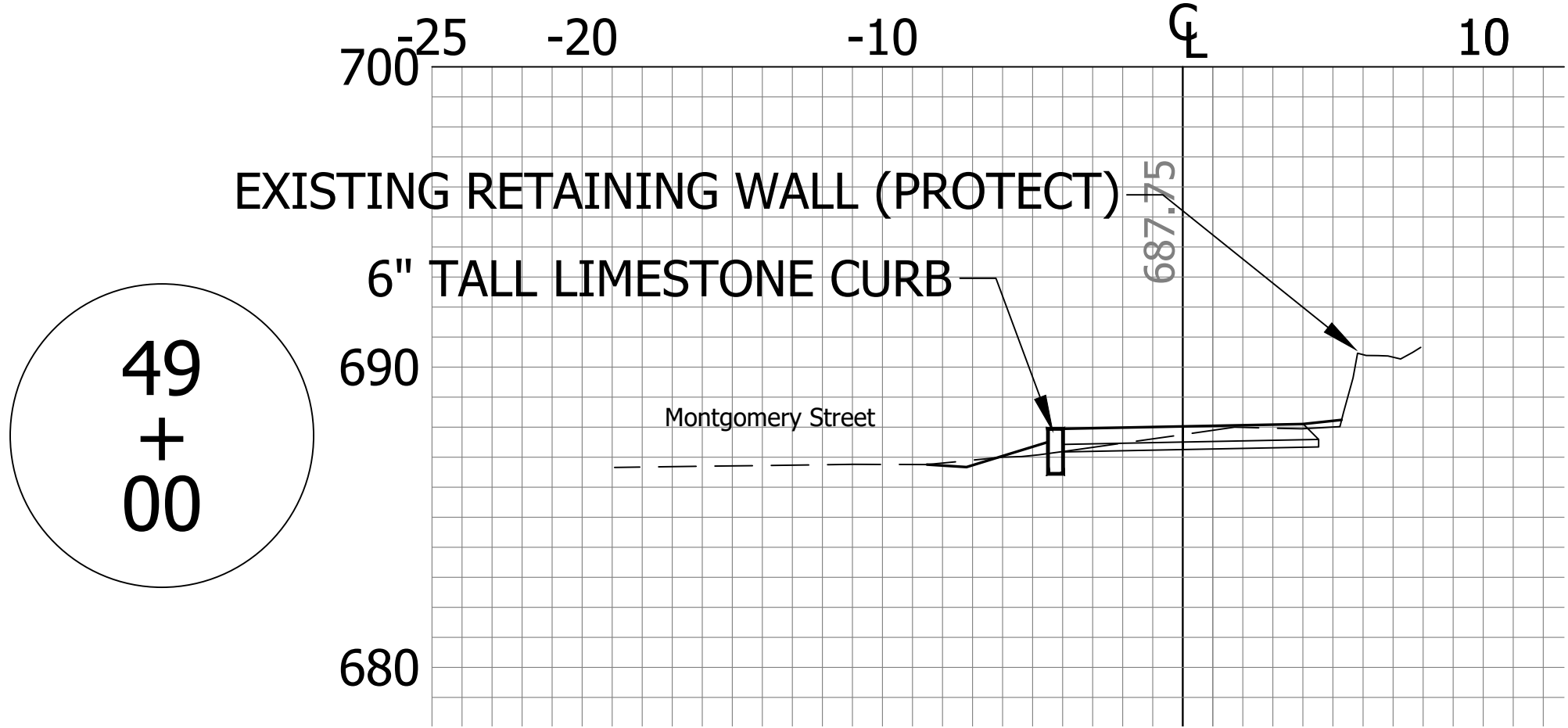
IHSS Structure #079-646-41052
Residence (Contributing) - Sheet C-111
Proposed Cross Section



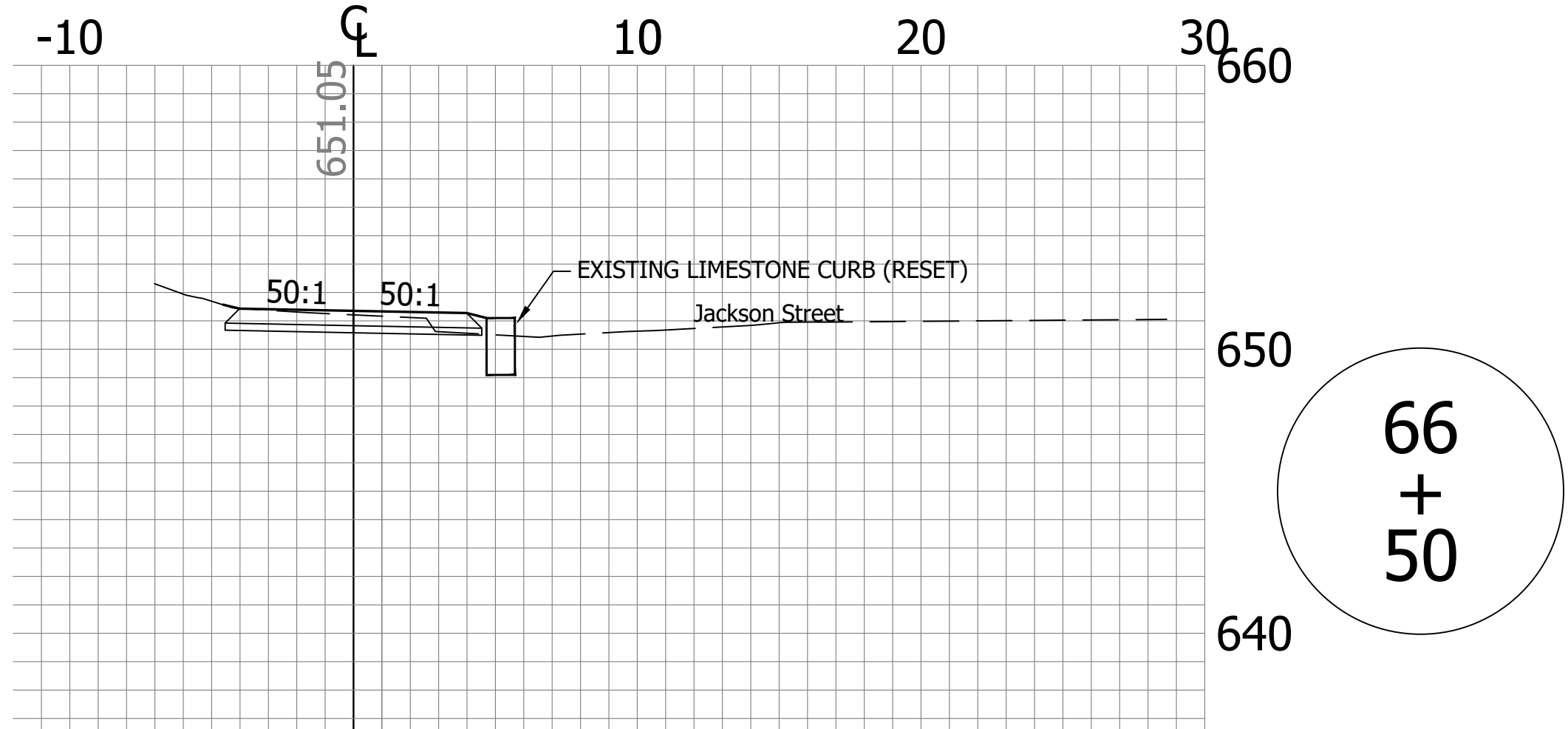
Existing Limestone Curb along Jackson Street-
Normal School (Outstanding) - Sheet C-112
Proposed Cross Section

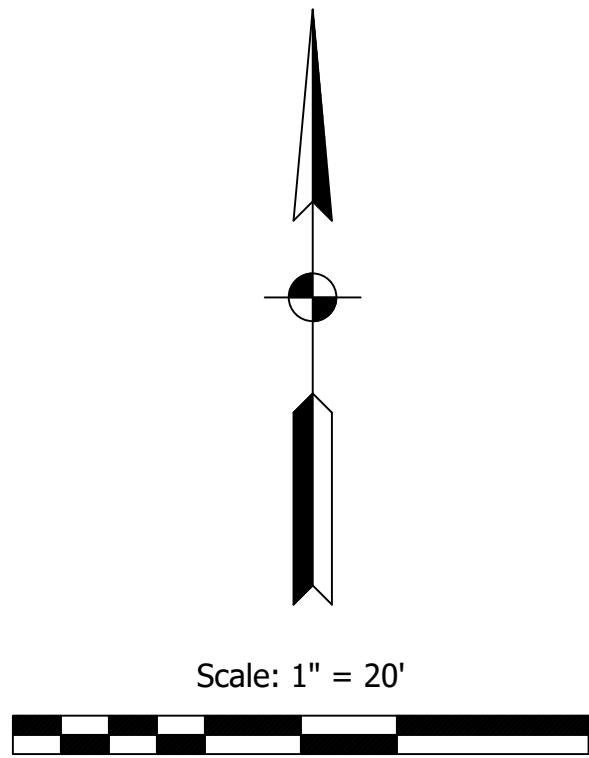
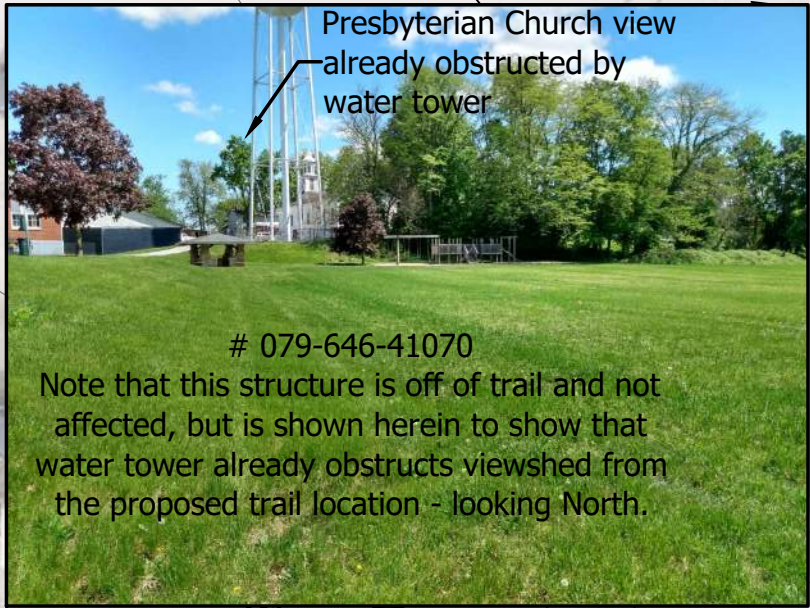


IHSS Structure #079-646-41088
Vernon Seminary - See Sheet C-108
Proposed Cross Section

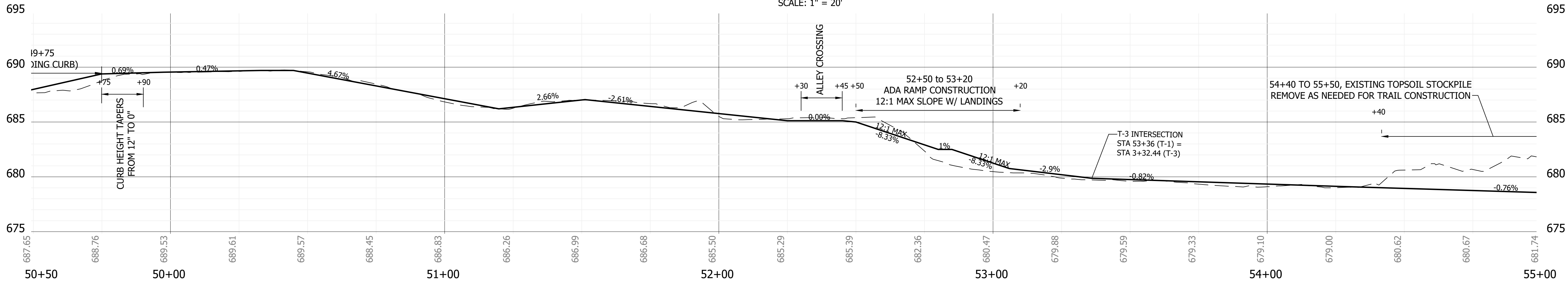


IHSS Structure #079-646-41113
Normal School (Outstanding) - Sheet C-112
Proposed Cross Section





Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5'

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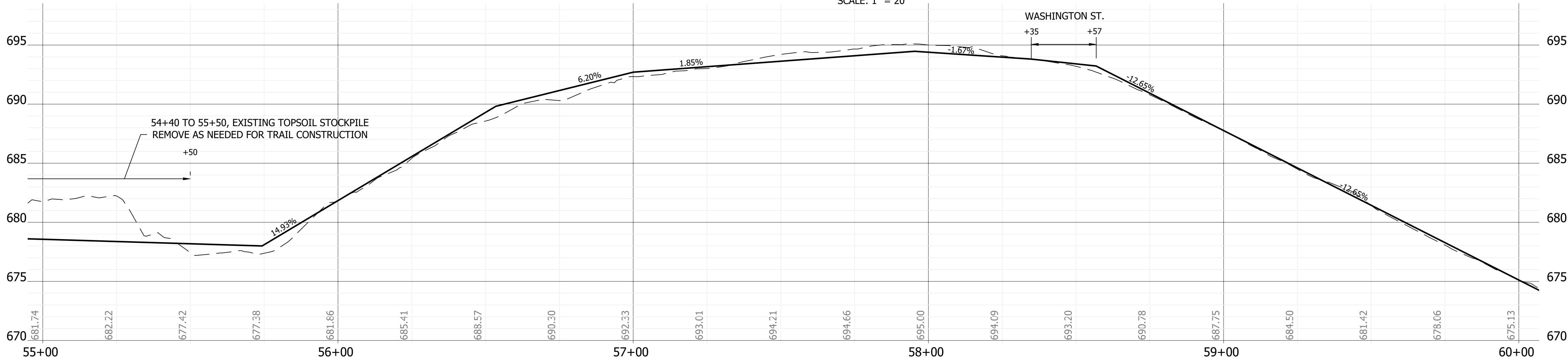
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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.9		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-109		



Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE VIEW
HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 5'

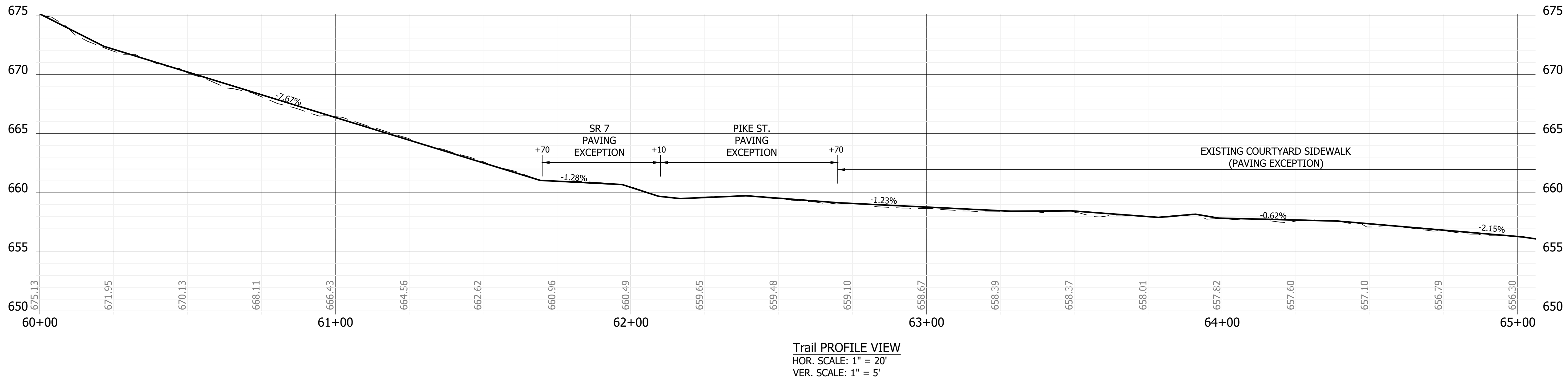
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.10		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-110		



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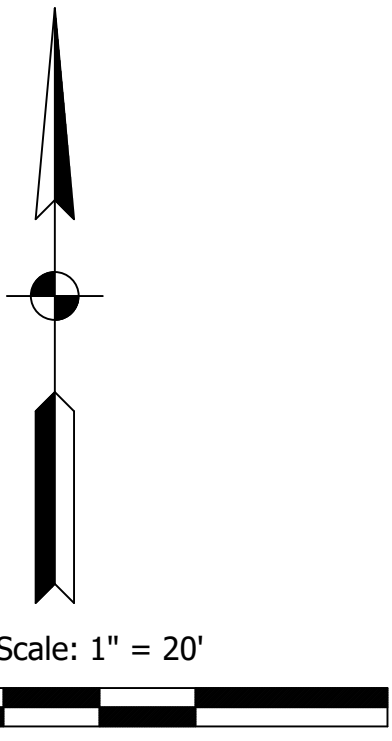
NOTES:
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.11		
DESIGN PHASE: OWNER REVIEW		

SHEET NUMBER:
C-111

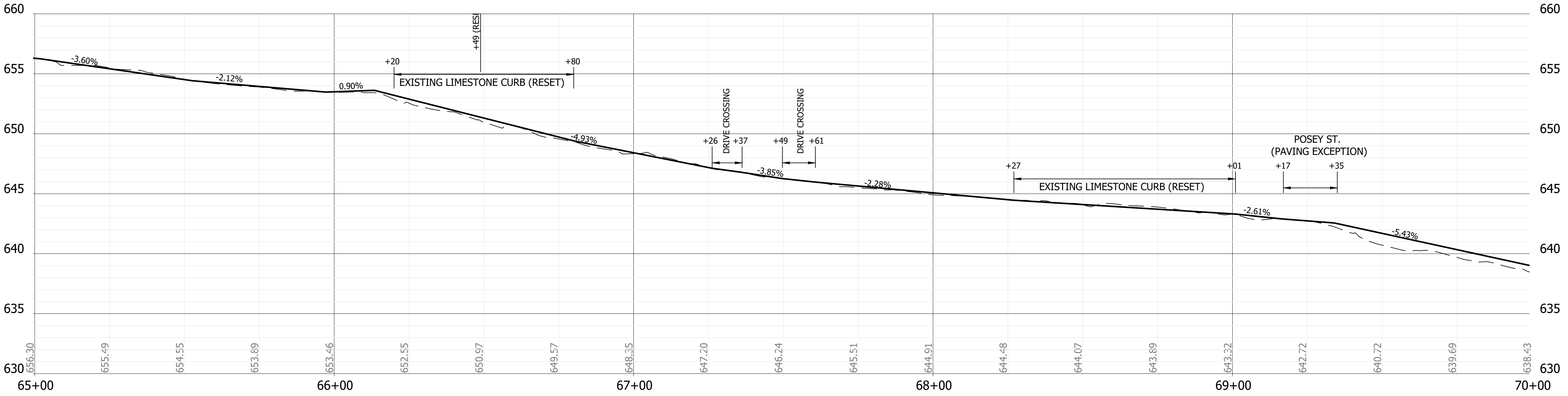


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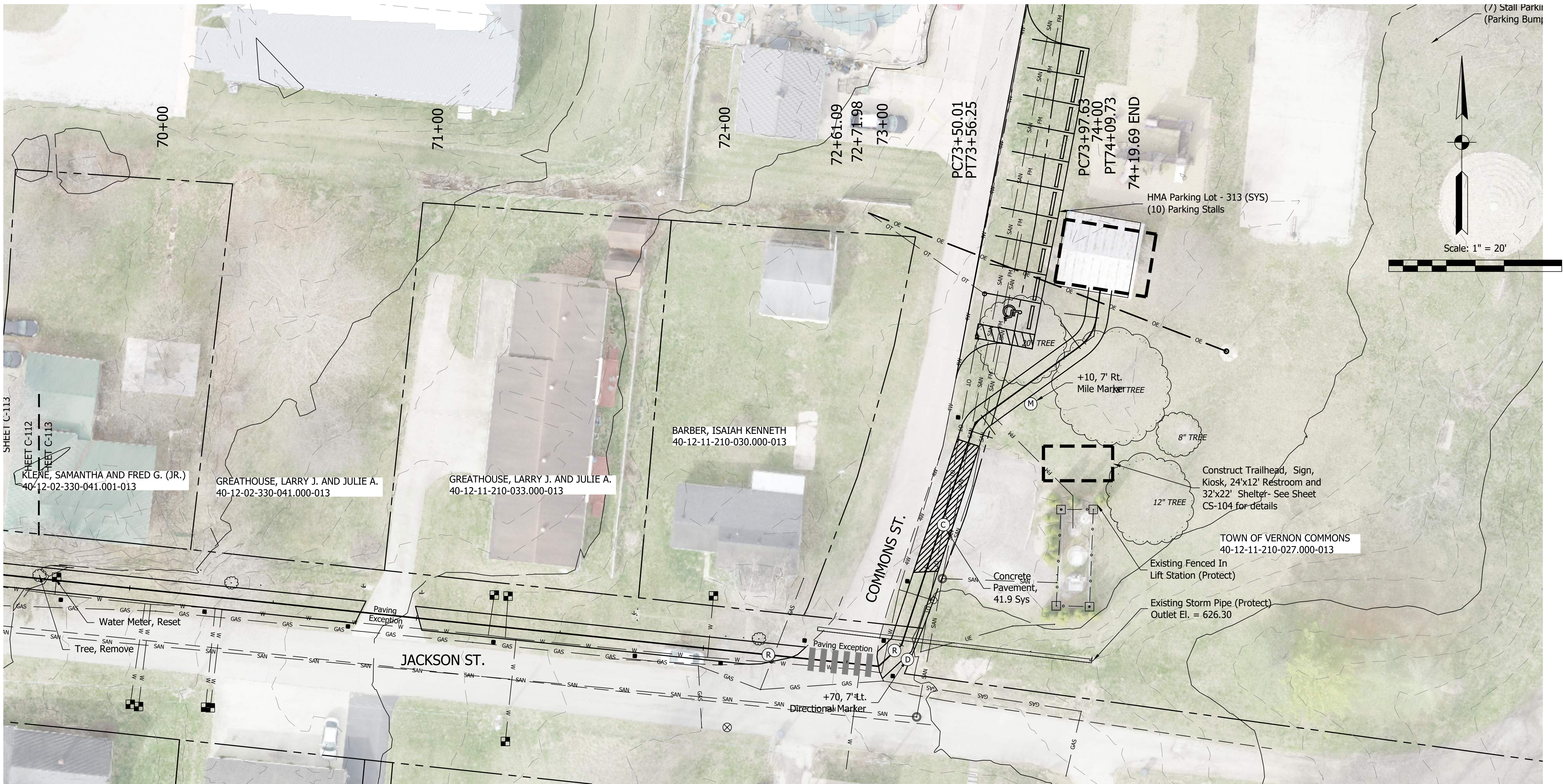
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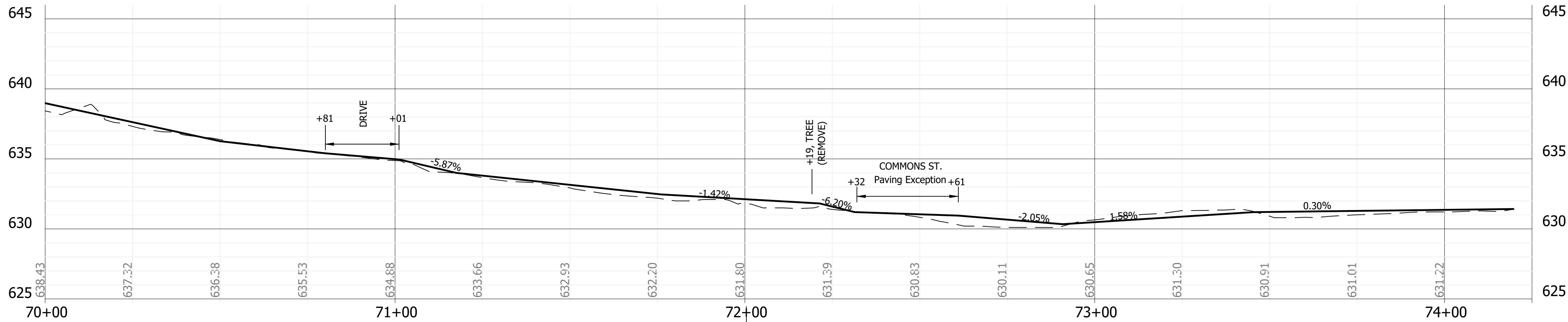


Trail PROFILE VIEW
HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 5'

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.12		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-112		




Trail PLAN VIEW
SCALE: 1" = 20'



Trail PROFILE VIEW
HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 5'

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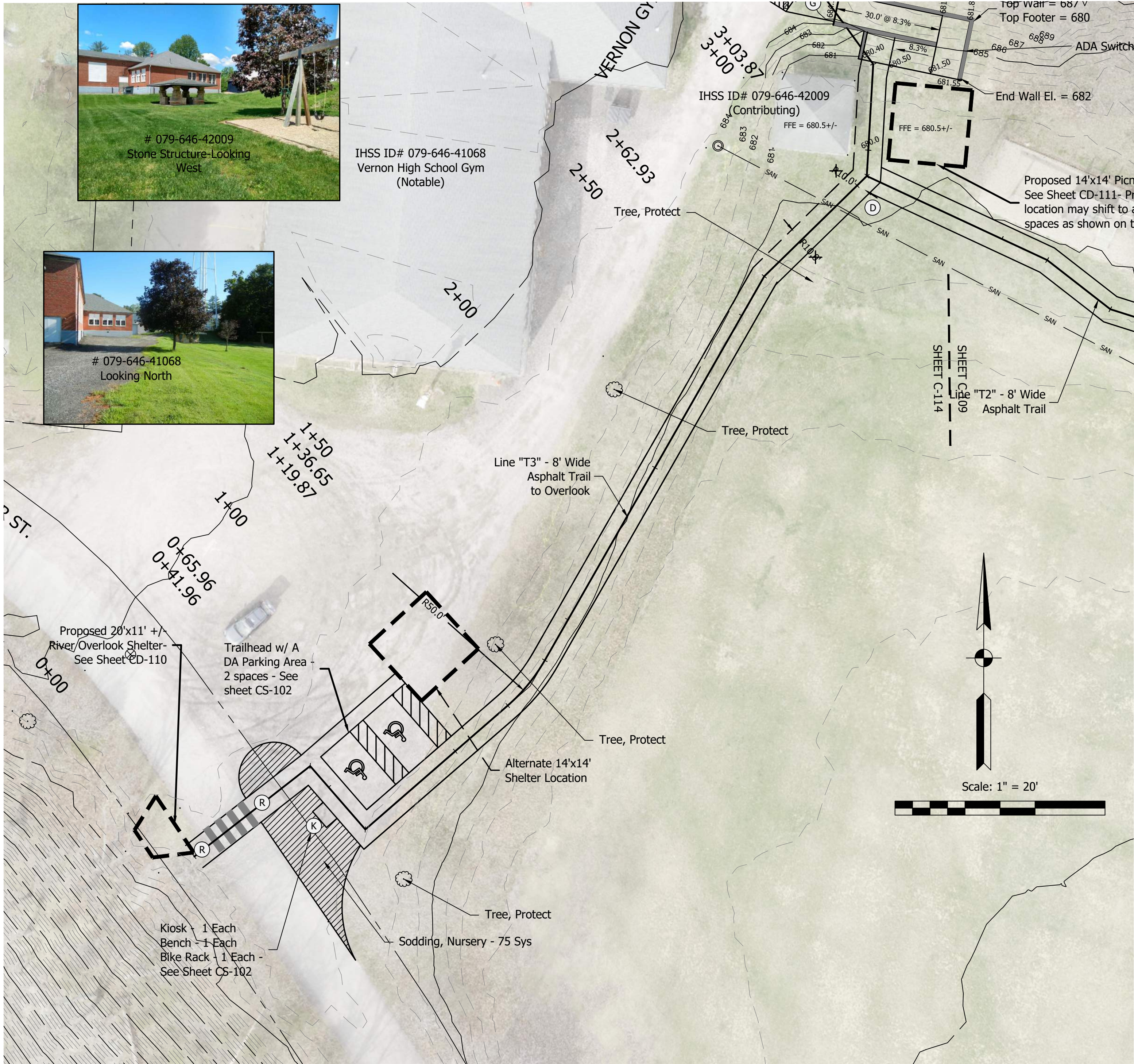
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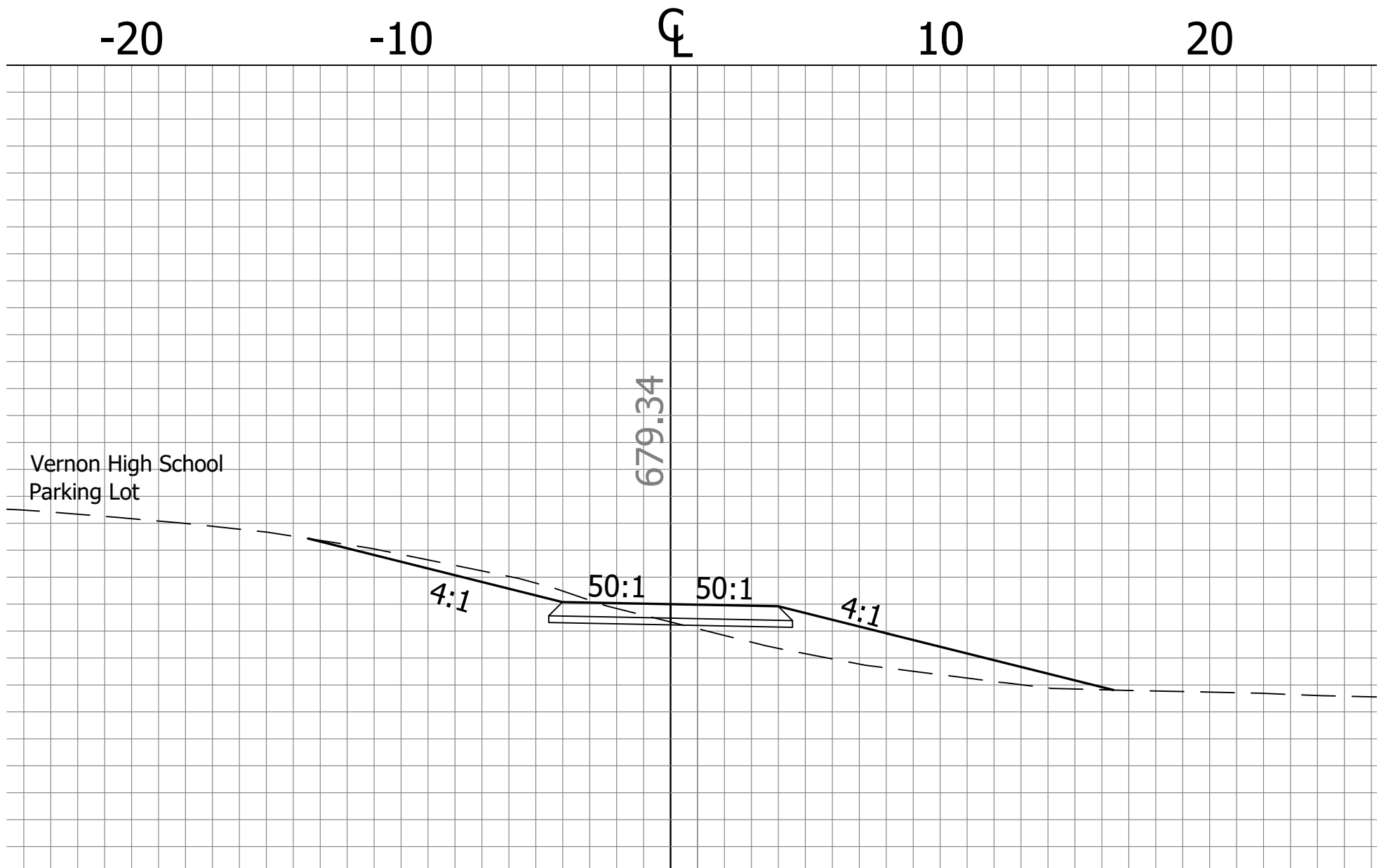
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
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DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.13		
DESIGN PHASE: OWNER REVIEW		

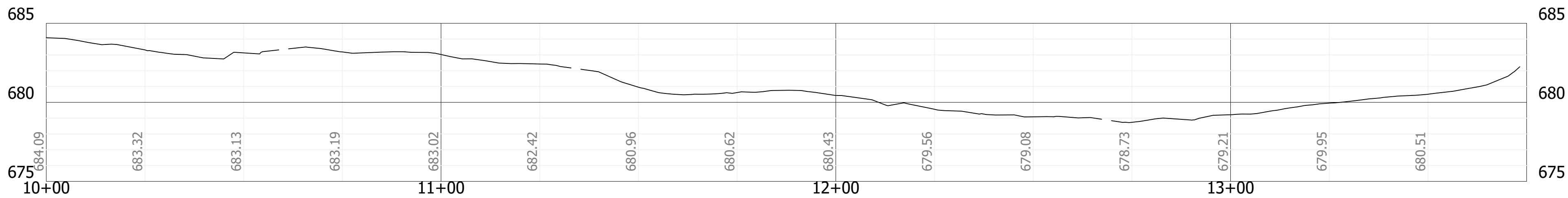
SHEET NUMBER:
C-113



Trail PLAN VIEW
SCALE: 1" = 20'



TRAIL T3 CROSS SECTION VIEW
SCALE: 1" = 5'



Trail PROFILE VIEW
HOR. SCALE: 1" = 20'
VER. SCALE: 1" = 5'

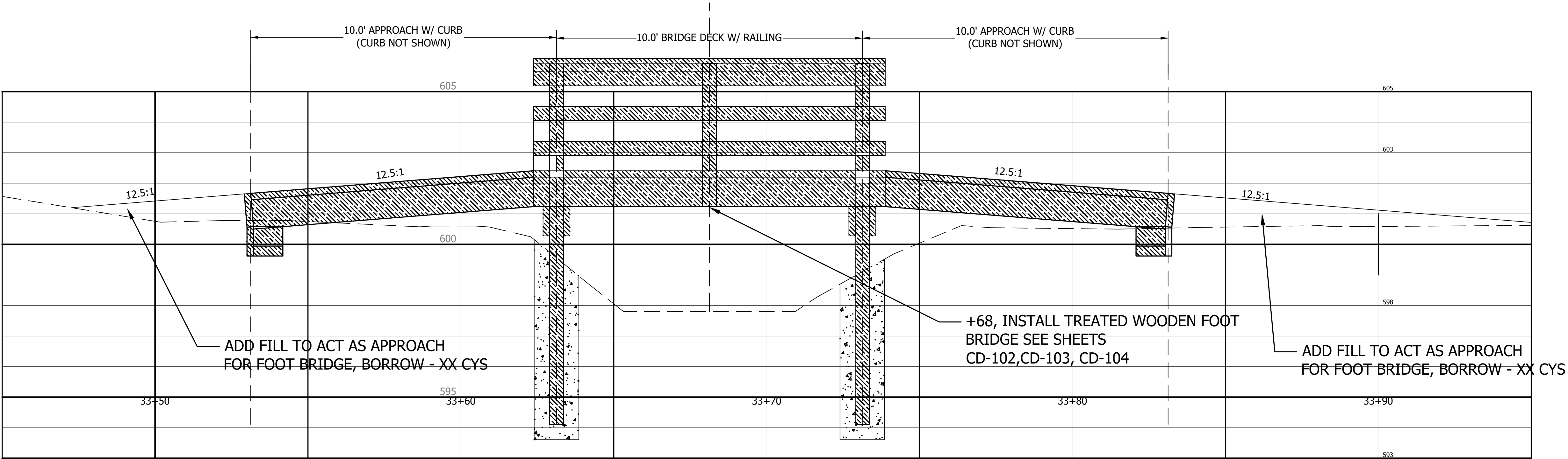
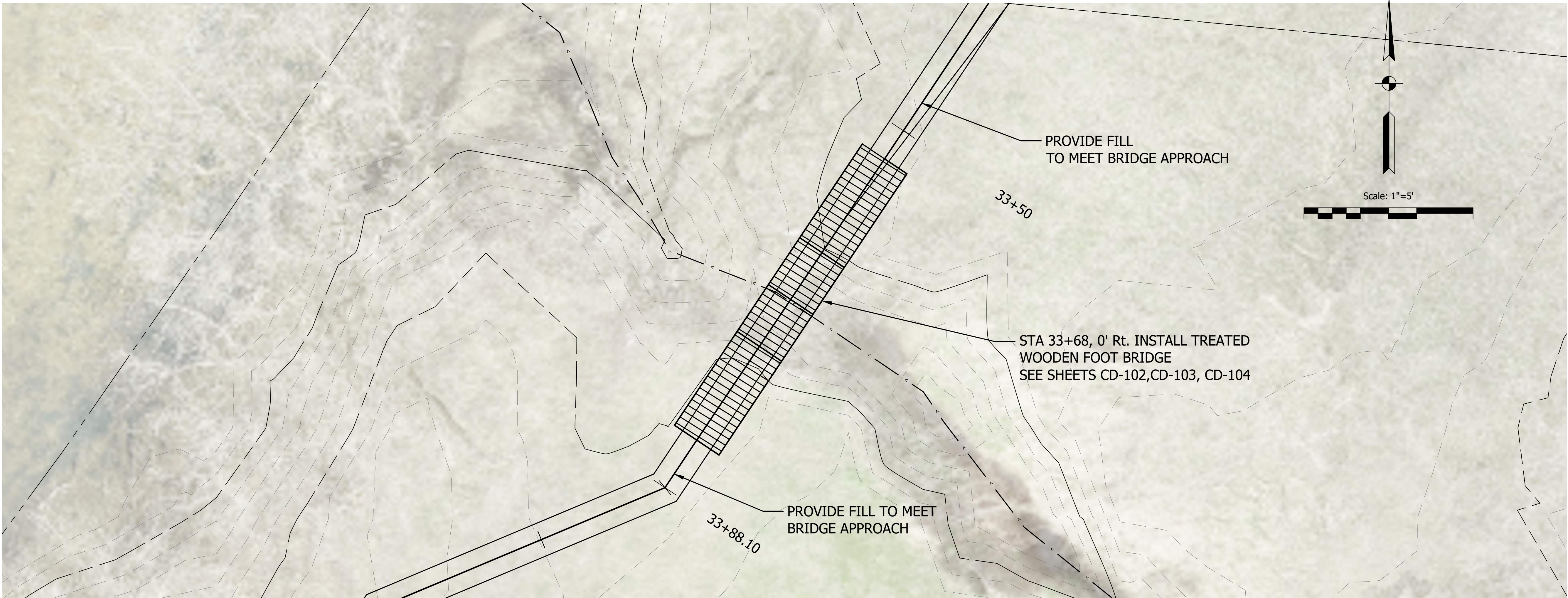
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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: PLAN & PROFILE No.14		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: C-114		



FOOT BRIDGE SITE PLAN

Scale: 1"=2'

GENERAL NOTE:
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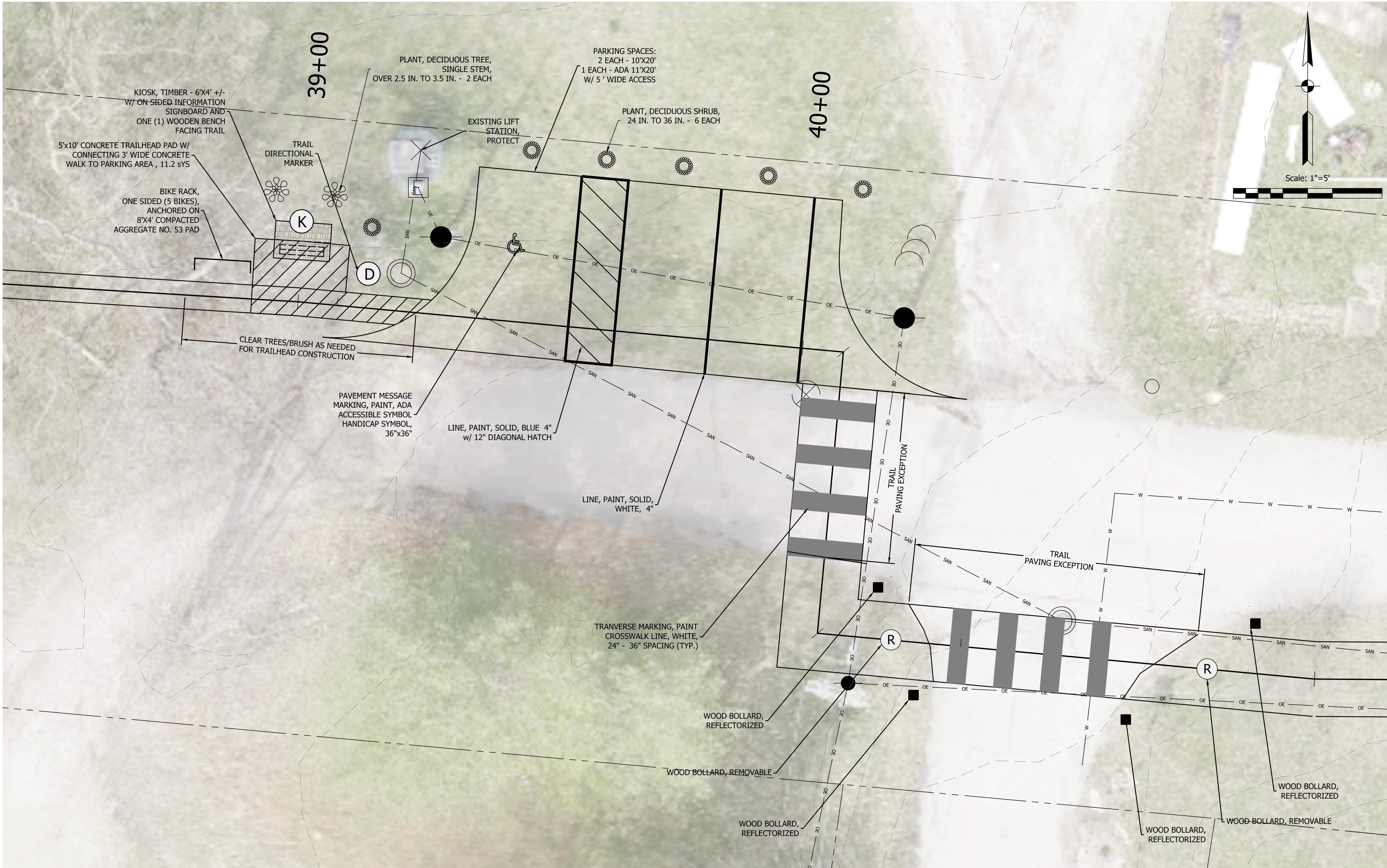
NOTES:
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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: FOOT BRIDGE SITE PLAN		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

CS-100



GENERAL NOTE:
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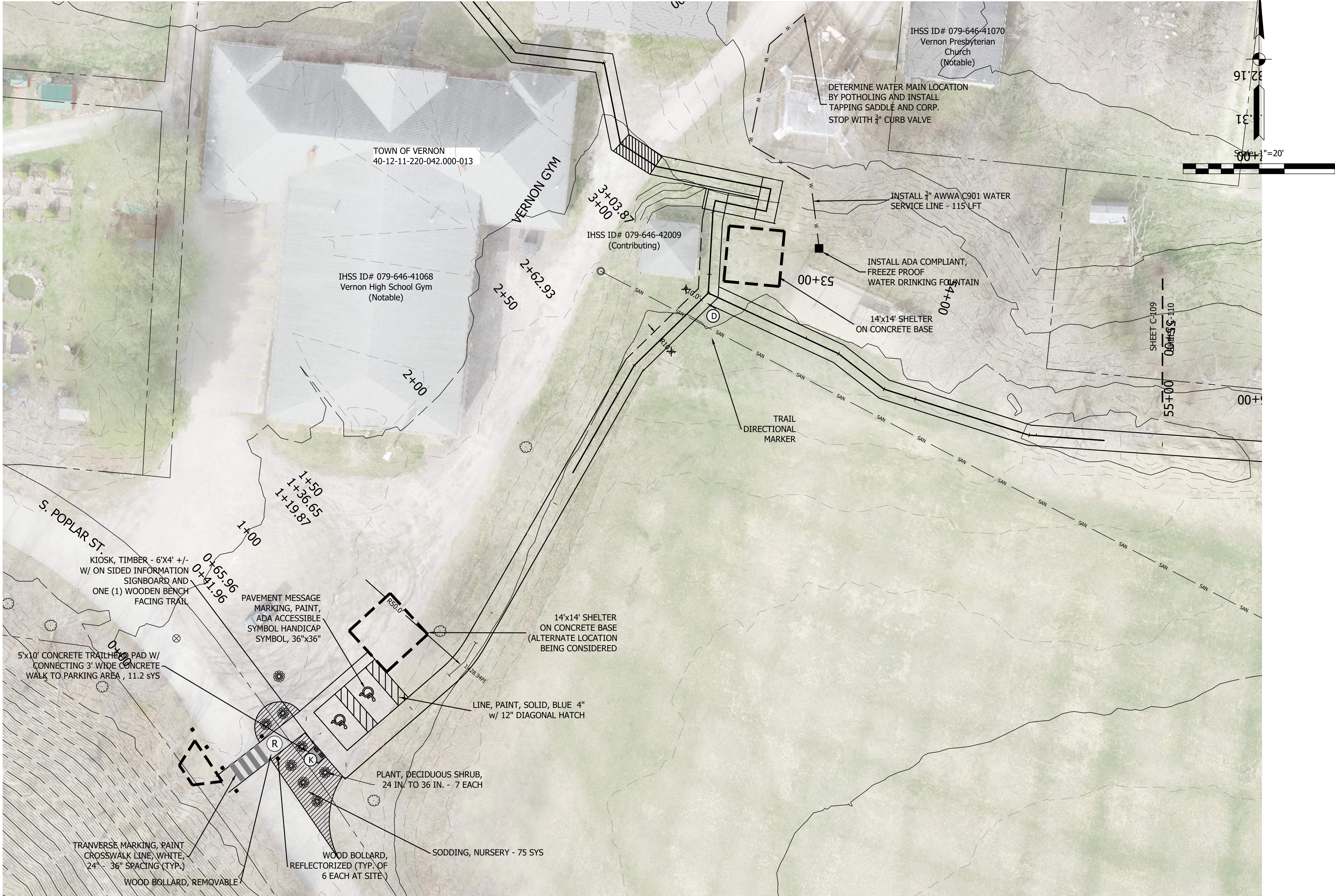
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SCALE: 1" = 20'		
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CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: TRAILHEAD - WATER ST		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: CS-101		

WATER STREET TRAILHEAD SITE PLAN



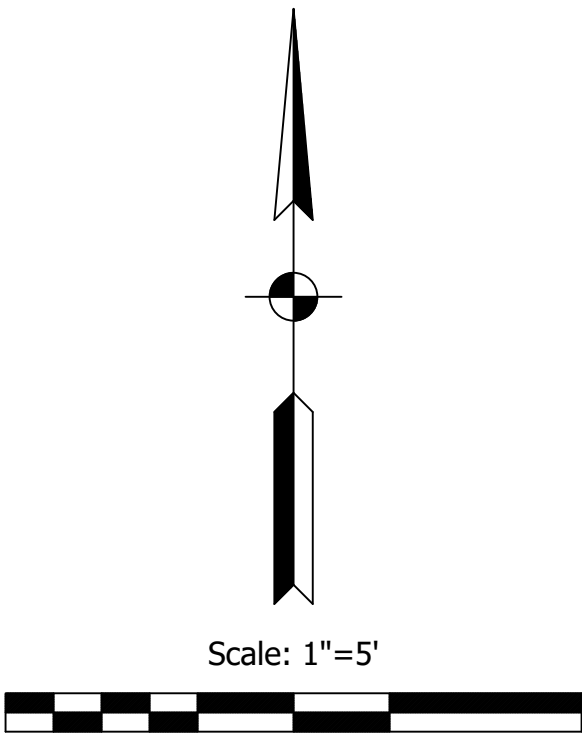
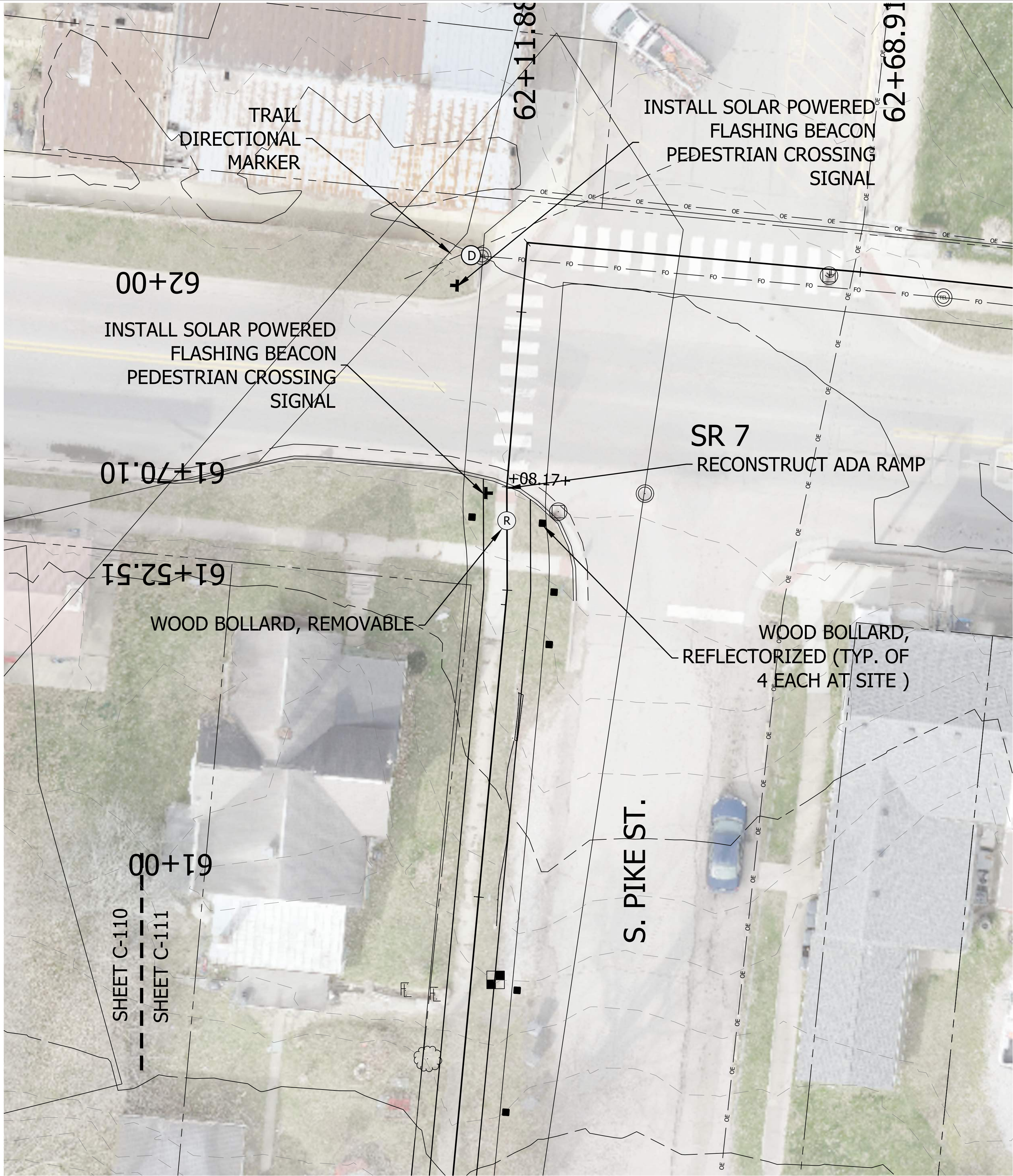
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CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: HIGH SCHOOL OVERLOOK		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: CS-102		



GENERAL NOTE:
All construction to meet or exceed all state, local, and federal codes & requirements, including but not limited to current INDOT, ISBH, IDEM, OSHA, local requirements & codes. The drawings & specs. that make up the work of this project are interrelated & dependent on every other drawing and spec. section. The contractor shall review all other specs., drawing & addendum (if applicable) to coordinate all work that relates to this project. If an item is drawn or specified on any spec. section or drawing, it shall be as if it were part of this work and shall be provided for in the contract.

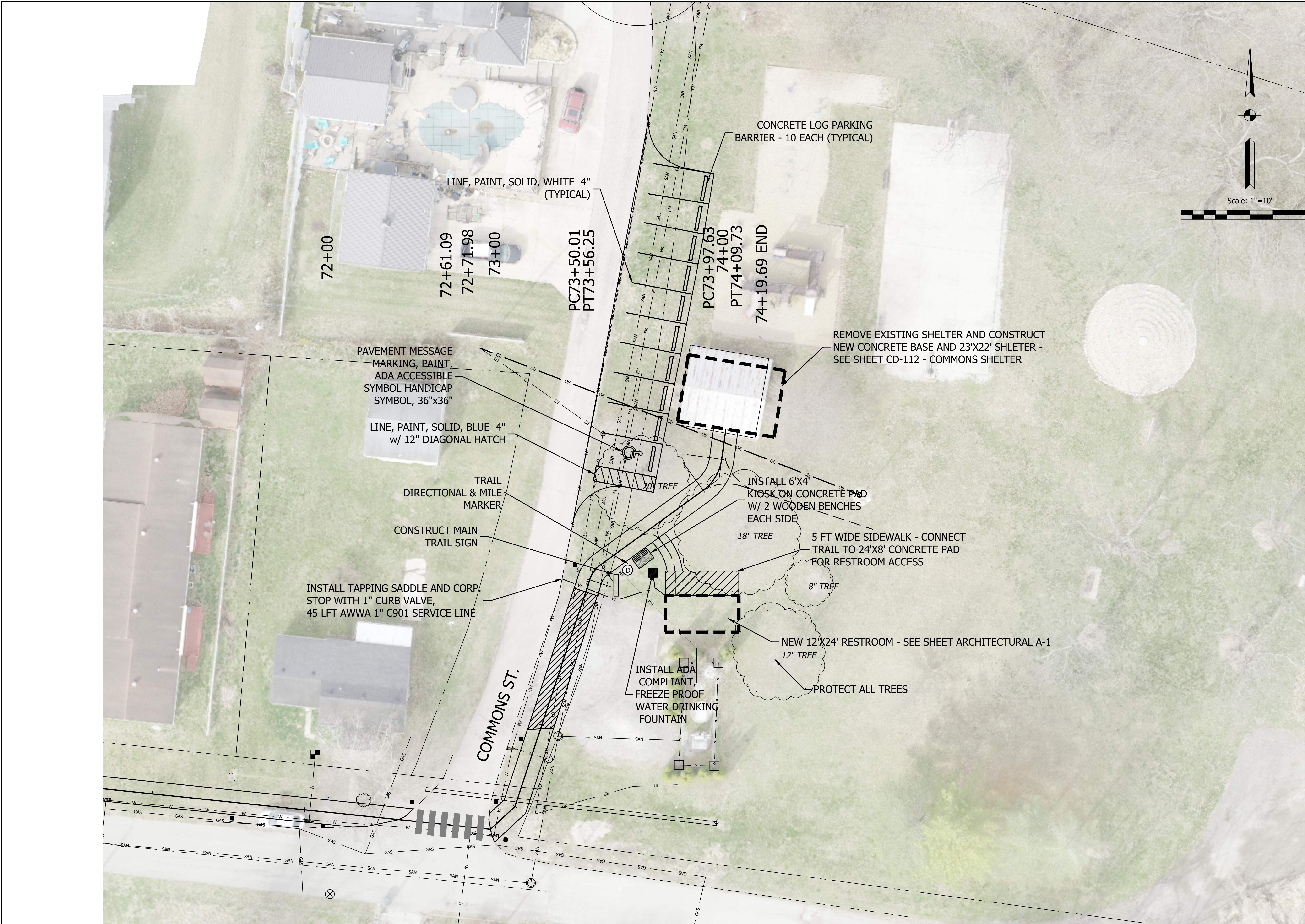
NOTES:
1. This sheet is to be: 22" X 34"

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www.fpbhonline.com

PRELIMINARY
NOT FOR CONSTRUCTION


SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: SR 3 CROSSING		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

CS-103



GENERAL NOTE:
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PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date

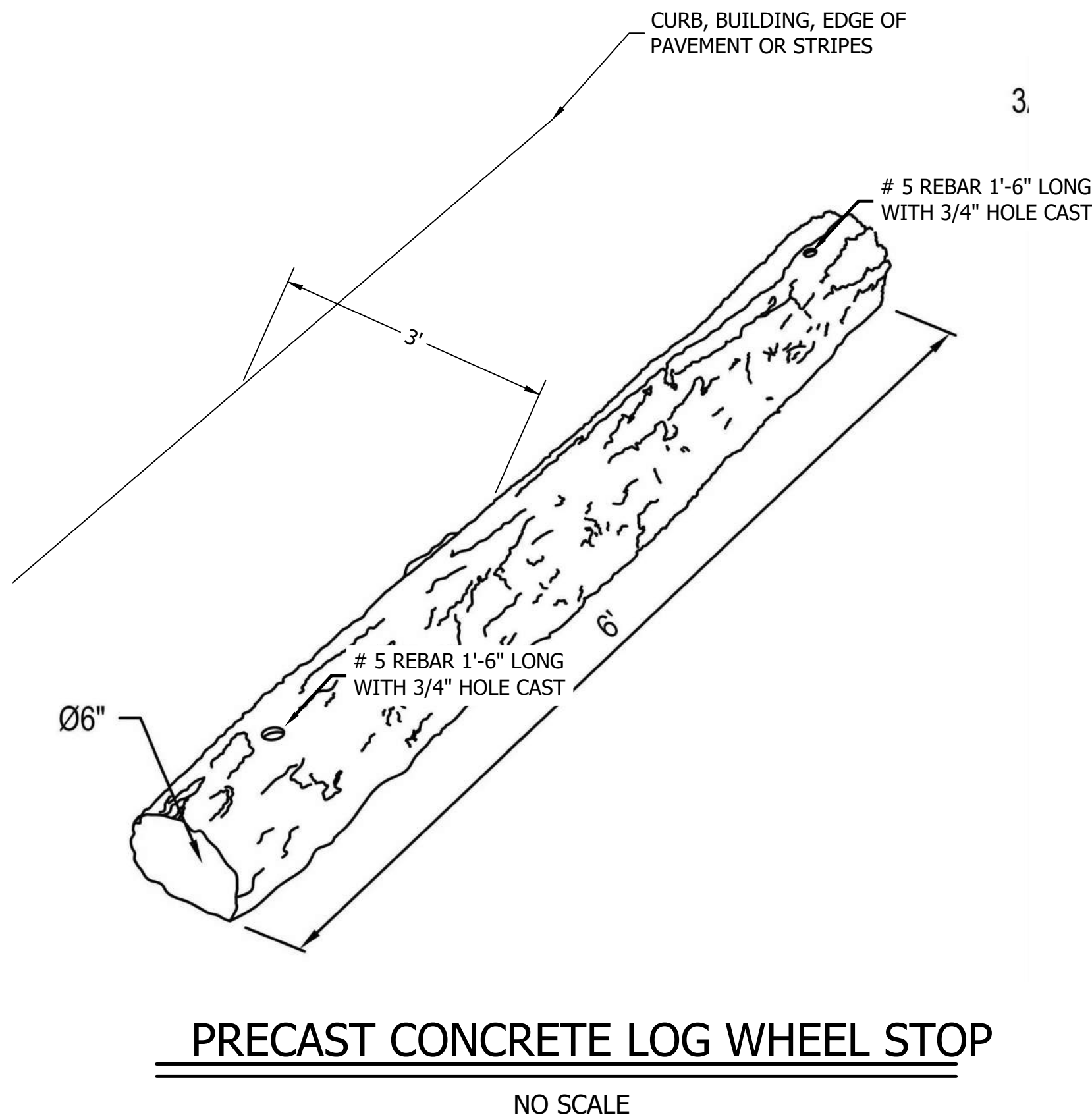
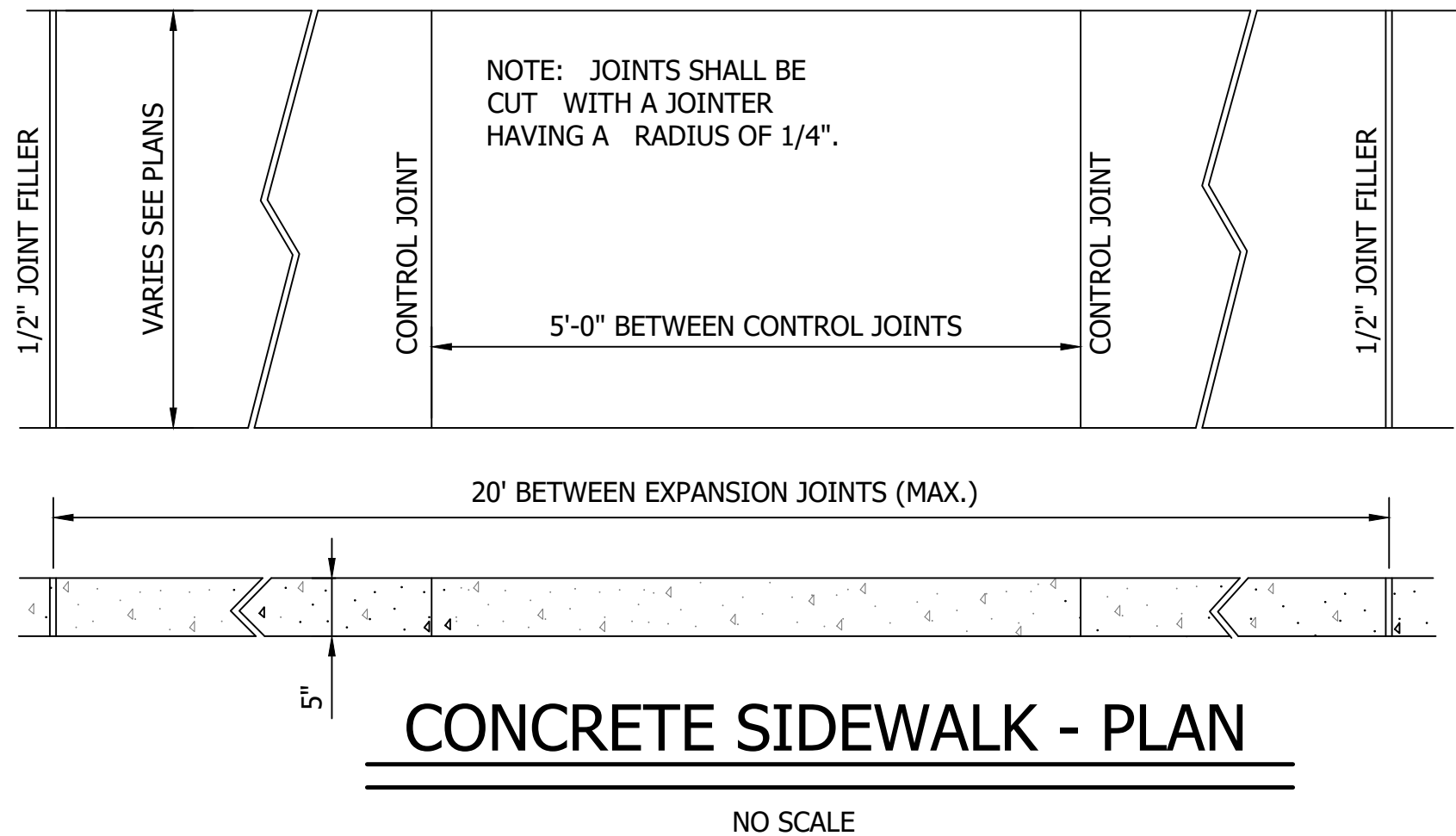
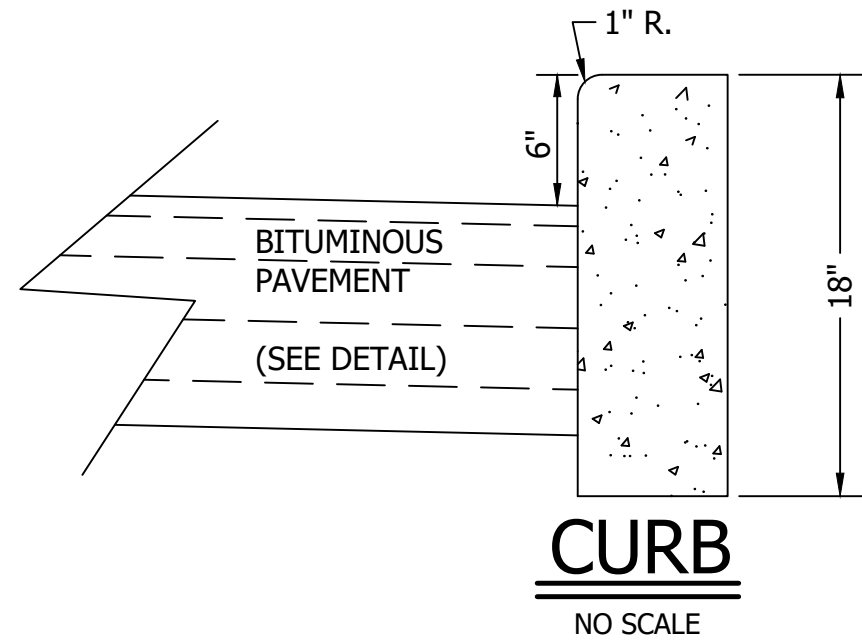
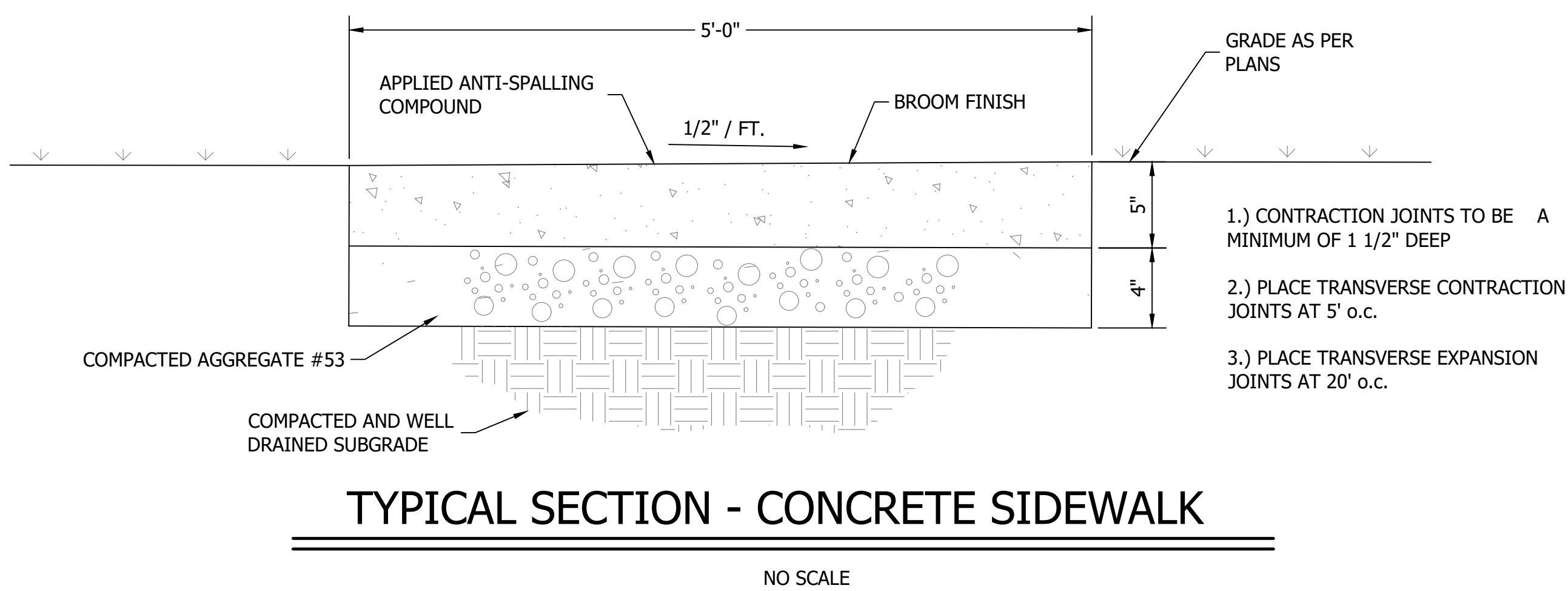
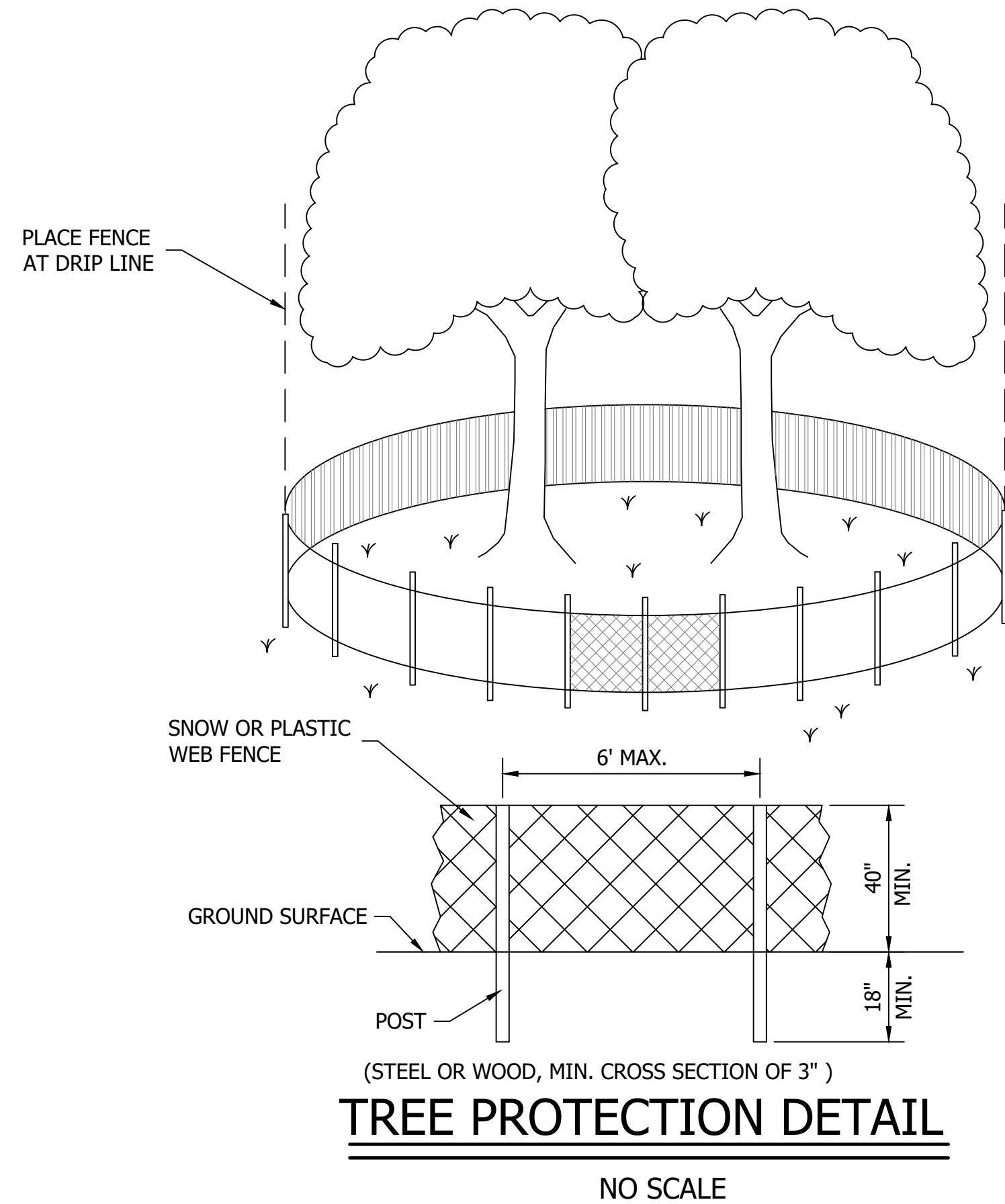
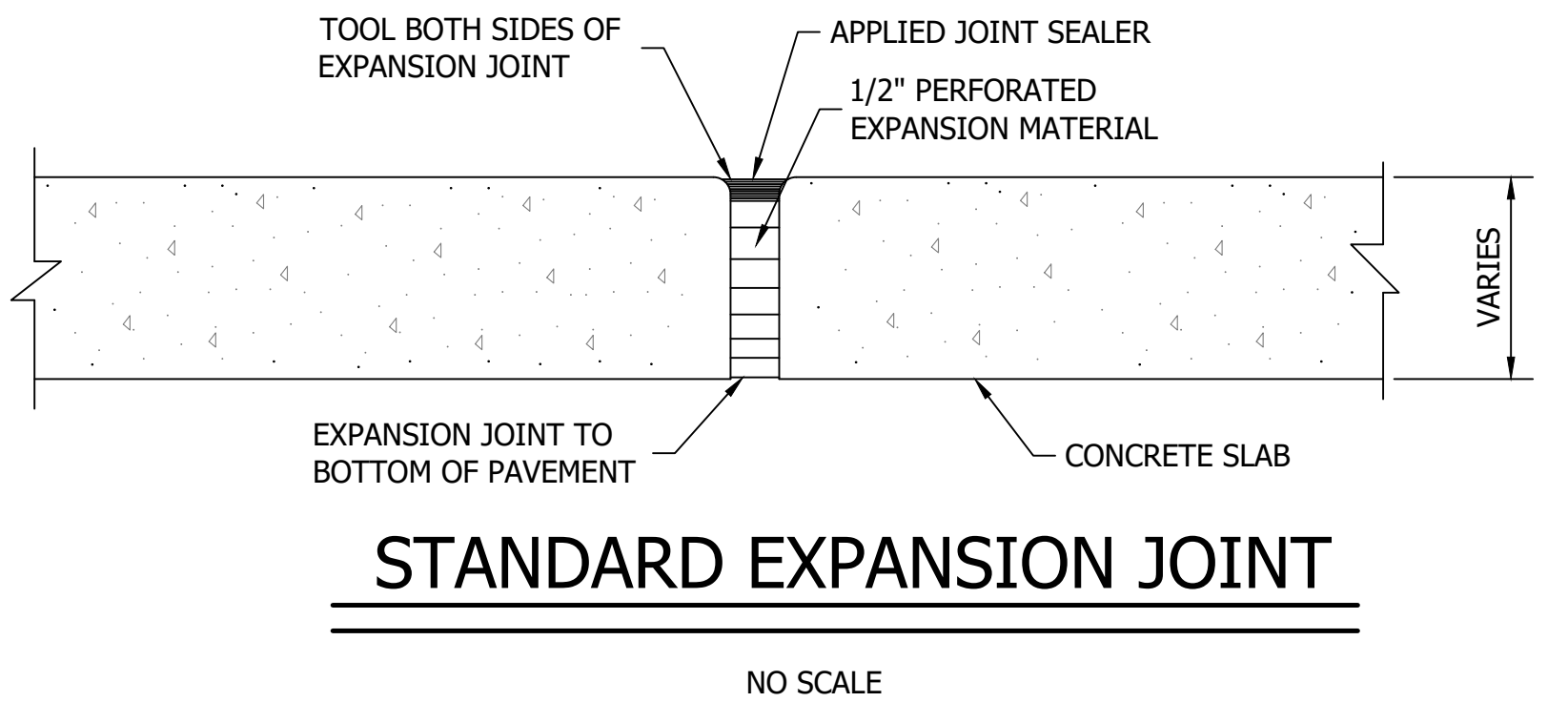
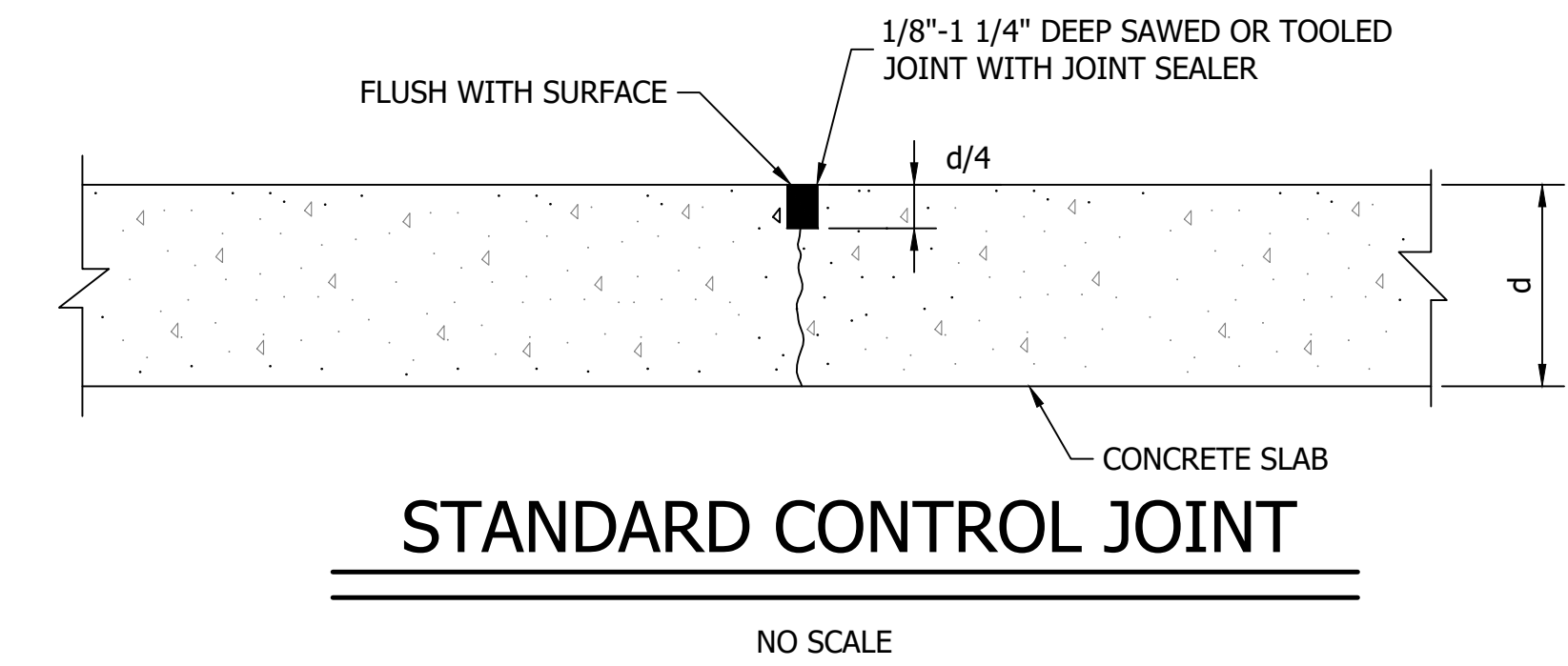
FILE NO: 2312939
CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
COMMONS PARK


DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:
CS-104



GENERAL NOTE:
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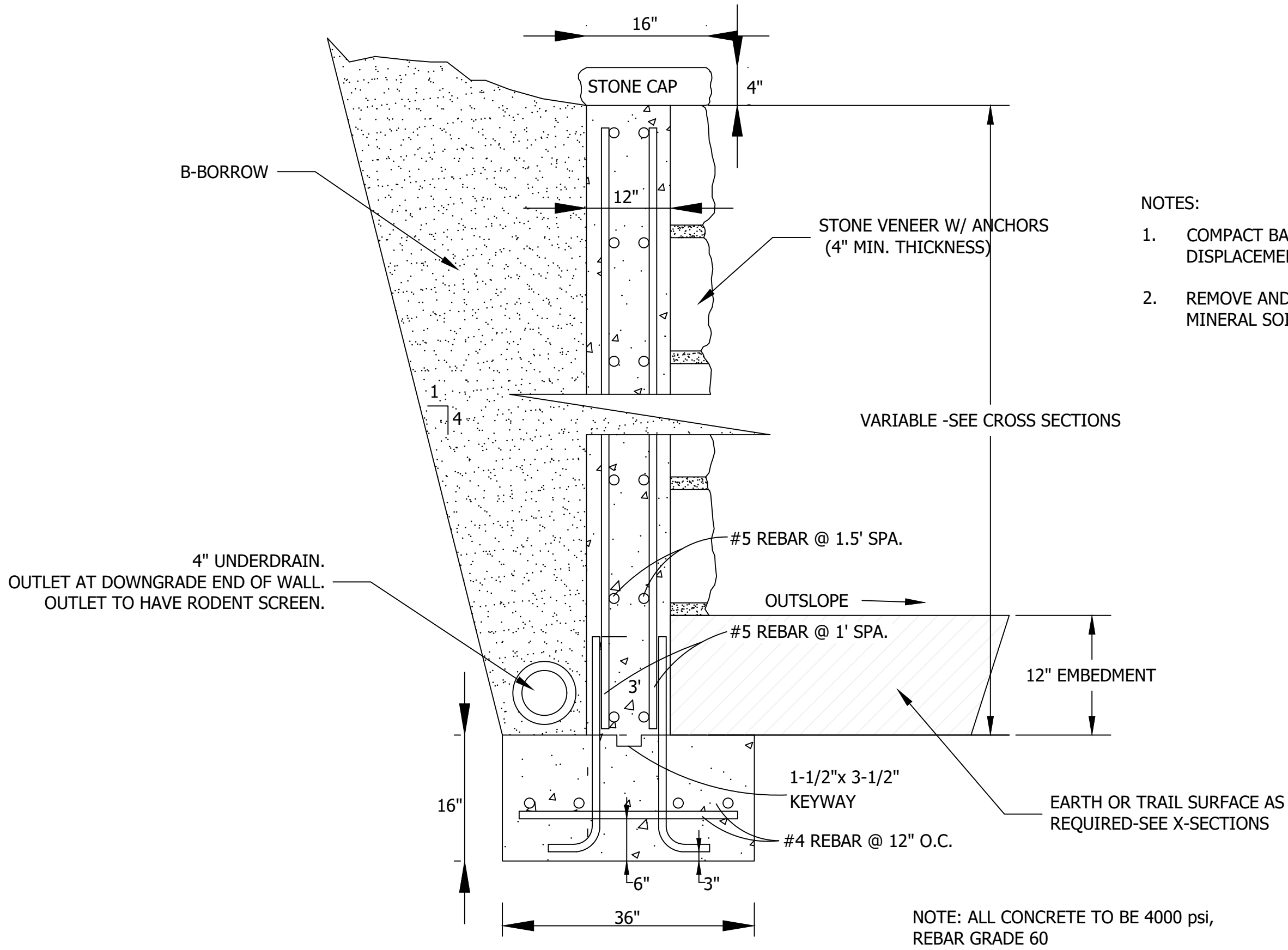
PRELIMINARY NOT FOR CONSTRUCTION		
SCALE: N/A		
DRAWN BY: XXX		
CHECKED BY: XXX		
DATE: XXXX		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: DETAILS		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER: CD-100		

CONCRETE MASONRY UNIT RETAINING WALL

TYPICAL ID	CLEAR WIDTH	GEOTEXTILE TYPE	LEVELING COURSE			FOOTING				CMU WALL								SHEET DRAIN	COLLECTOR PIPE	COMMENTS
			TYPE	DEPTH	WIDTH	TYPE	DEPTH	WIDTH	REINFORC.	WIDTH	HEIGHT	EMBEDMENT DEPTH	REINFORC.	WIRE MESH LADDER	END TYPE	FACE ROCK	MORTAR TYPE			
		G	L			FT														

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NOTES:
1. This sheet is to be: 22" X 34"



- NOTES:
1. COMPACT BACKFILL AND FOUNDATION IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
 2. REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.

A RETAINING WALL
NTS

GEOTEXTILE TYPE			LEVELING COURSE MATERIAL				FOOTING MATERIAL			
GEOTEXTILE TYPE	GEOTEXTILE MATERIAL	COMMENTS	TYPE	MATERIAL	GRADATION	COMMENTS	TYPE	MATERIAL	GRADATION	COMMENTS
G1	NON-WOVEN		L1	PITRUN			FT1	CONCRETE		
G2	WOVEN		L2	AGGREGATE			FT2	AGGREGATE		
G3	GEOGRID		L3				FT3			
G4										

PRELIMINARY
NOT FOR CONSTRUCTION

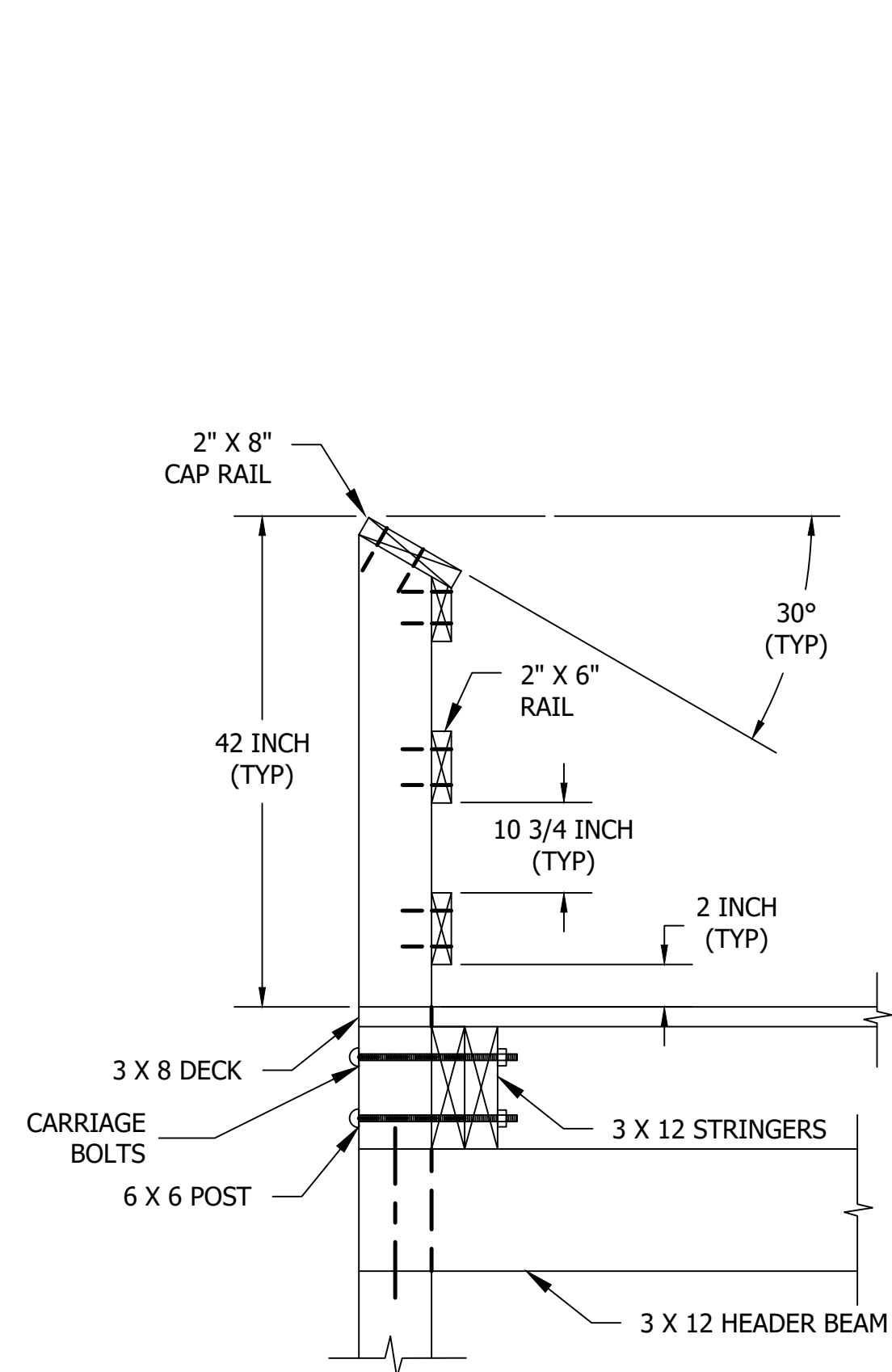
SCALE: 1" = 20'
DRAWN BY: CK
CHECKED BY: SG
DATE: OCTOBER 2, 2023
Revision Drawn By Date
FILE NO: 2312939
CLIENT NAME:
TOWN OF VERNON
PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL
SHEET TITLE:
CONCRETE MASONRY UNIT
RETAINING WALL
DESIGN PHASE:
OWNER REVIEW
SHEET NUMBER:

CD-101

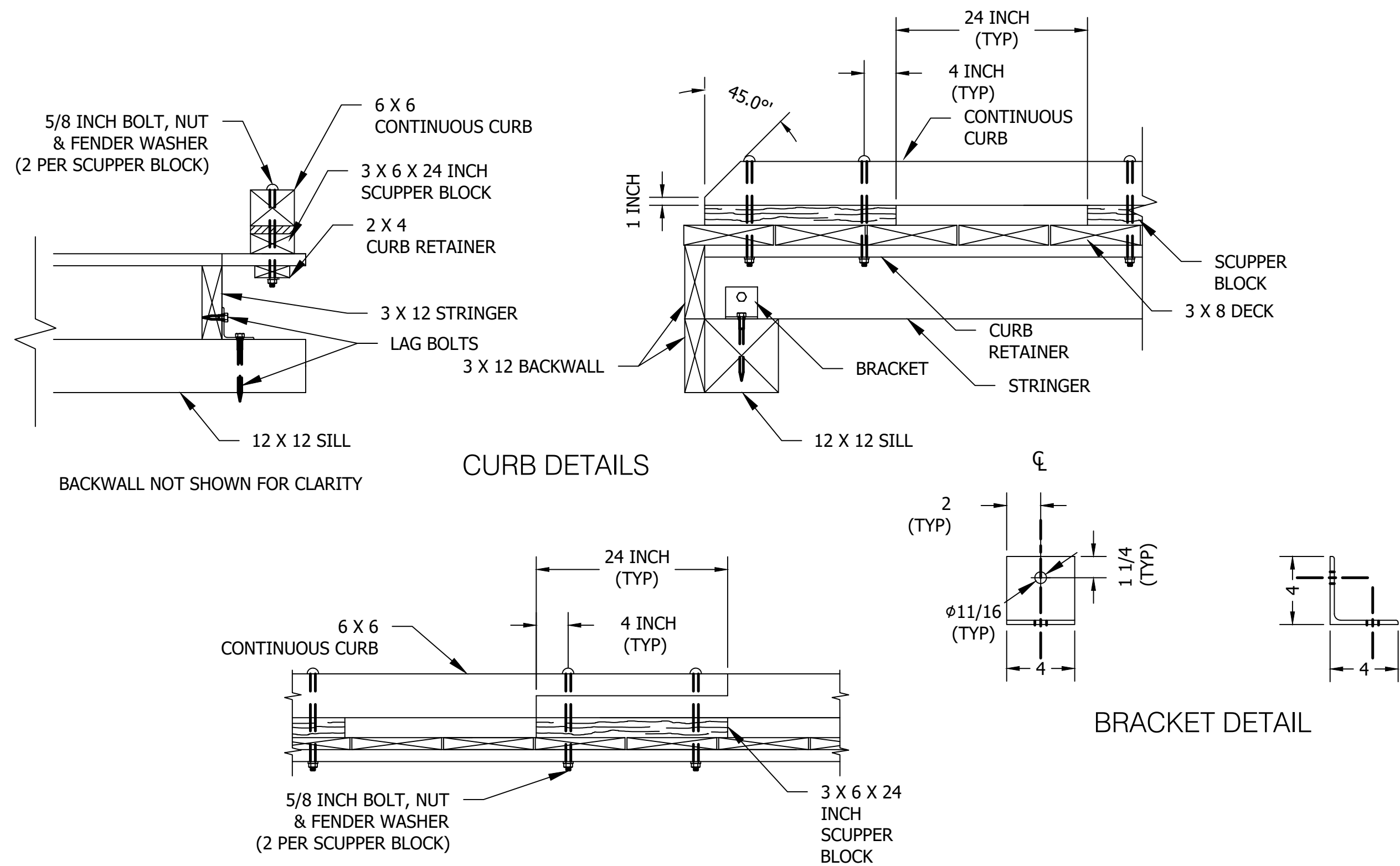
STANDARD FOOTBRIDGE

[illegible]

N/A WHEN NOT APPLICABLE



RAIL SYSTEM DETAIL



CURB DETAILS

BRACKET DETAIL

CURB SPLICING DETAIL

FOOTING MATERIAL			
TYPE	MATERIAL	GRADATION	COMMENTS
FT1	CONCRETE	N/A	4000 psi

PRESERVATIVE TREATMENT - (REFER TO AWPA USE CATEGORY SYSTEM)			
PRESERVATIVE TYPE	TREATMENT TYPE	USE CATEGORY	COMMENTS
P1	OT	UC4A	
P2	OT	UC3B	
P3	OT	UC4B	X

TREATMENT TYPE

WB = WATERBORNE
OT = OIL-BORNE

USE CATEGORY

UC3B	= ABOVE GROUND	- EXPOSED
UC4A	= GROUND CONTACT	- GENERAL USE
UC4B	= GROUND CONTACT	- HEAVY DUTY

SHEET 1 OF 3

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NOTES:

1. This sheet is to be: 22" X 34"

- NOTES:

1. DESIGN LOAD: 100 PSF PEDESTRIAN LOAD.
2. ALL MATERIAL TYPE SHALL BE DOUGLAS FIR OR SOUTHERN PINE NO. 2 OR BETTER AS SPECIFIED IN THE ABOVE TABLE.
3. ALL FASTENERS SHALL BE GALVANIZED.

- #### 4. FASTENERS:

DECKING:

- 60d 6 INCH RING SHANK NAILS OR
- DECK SCREWS 2 PER DECK
- STRINGER CONNECTION.

RAILING:

- NO. 10 X 4 INCH LONG WOOD
- SCREWS 2 PER RAIL POST CONNECTION.

STRINGERS &

BACKWALLS:

- 40d 5 INCH LONG RING SHANKNAILS.

5. ALTERNATIVE FOR 7/8 BOLTS FOR HEADER BEAM IS BRACKET WITH AN ALLOWABLE LOAD OF 1100 LBS EACH SIDE.

SCALE: NTS

DRAWN BY: XXX

CHECKED BY: XXX

DATE: XXX

Revision	Drawn By	Date

FILE NO: 2312939

CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:

VERNON MUSCATATUCK TRAIL

SHEET TITLE:

STD_938-10-01
STANDARD BOARDWALK

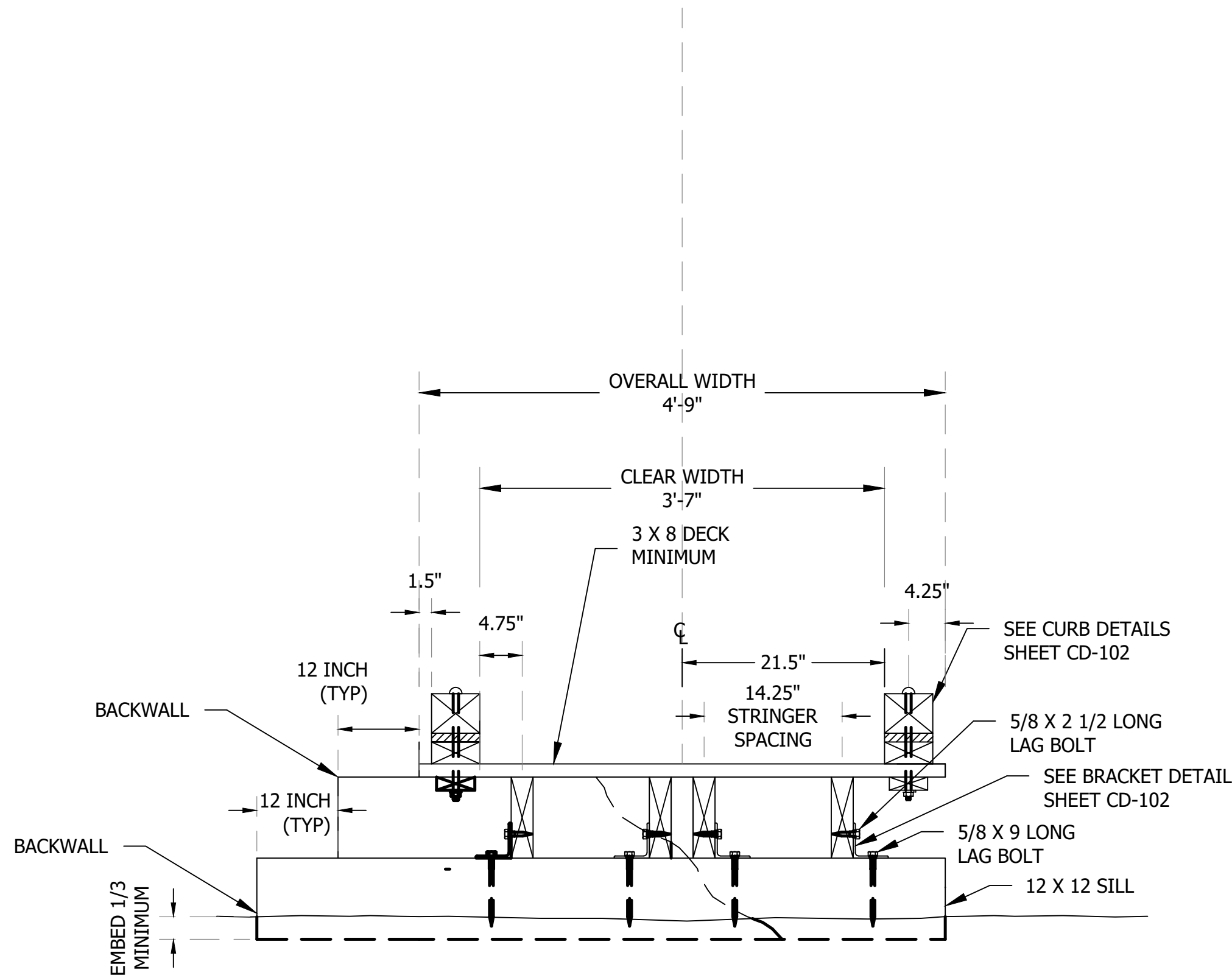
DESIGN PHASE:

OWNER REVIEW

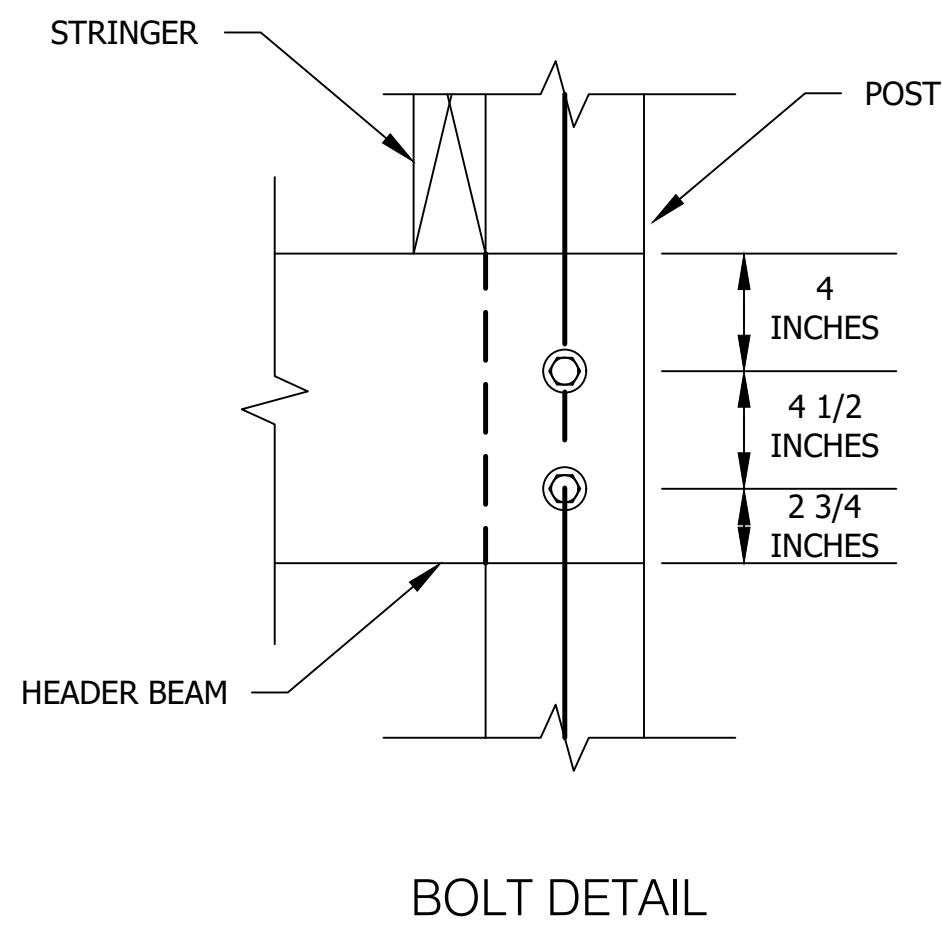
SHEET NUMBER:

SHEET 1 OF 2

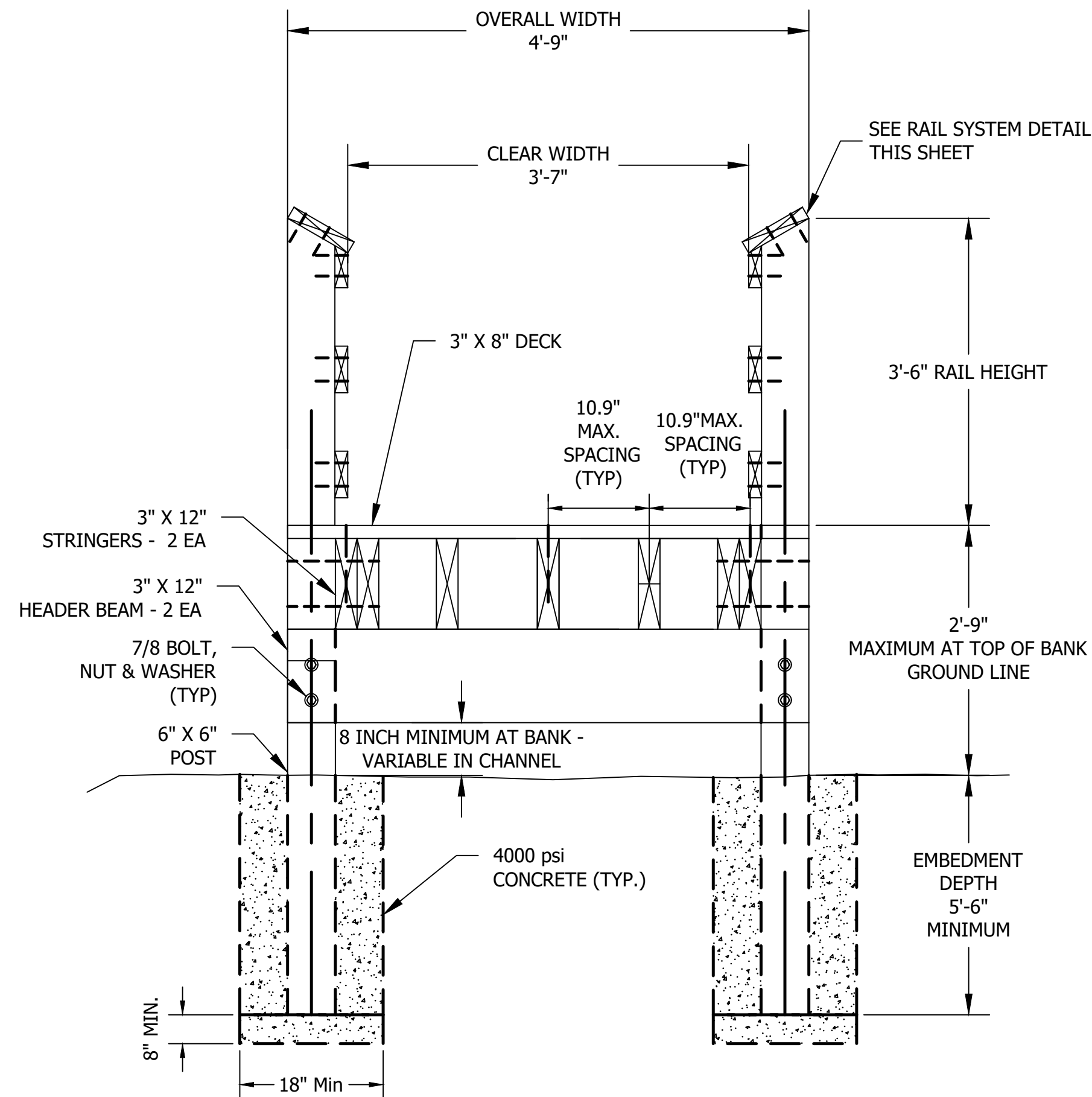
CD-102



A TYPICAL APPROACH SECTION
BLOCKING REQUIRED AT EVERY
SUPPORT NOT SHOWN FOR CLARITY



A FOOT BRIDGE DETAILS



B TYPICAL BRIDGE DECK SECTION
LESS THAN 3 FEET WITH CURB
BLOCKING REQUIRED AT EVERY SUPPORT
NOT SHOWN FOR CLARITY

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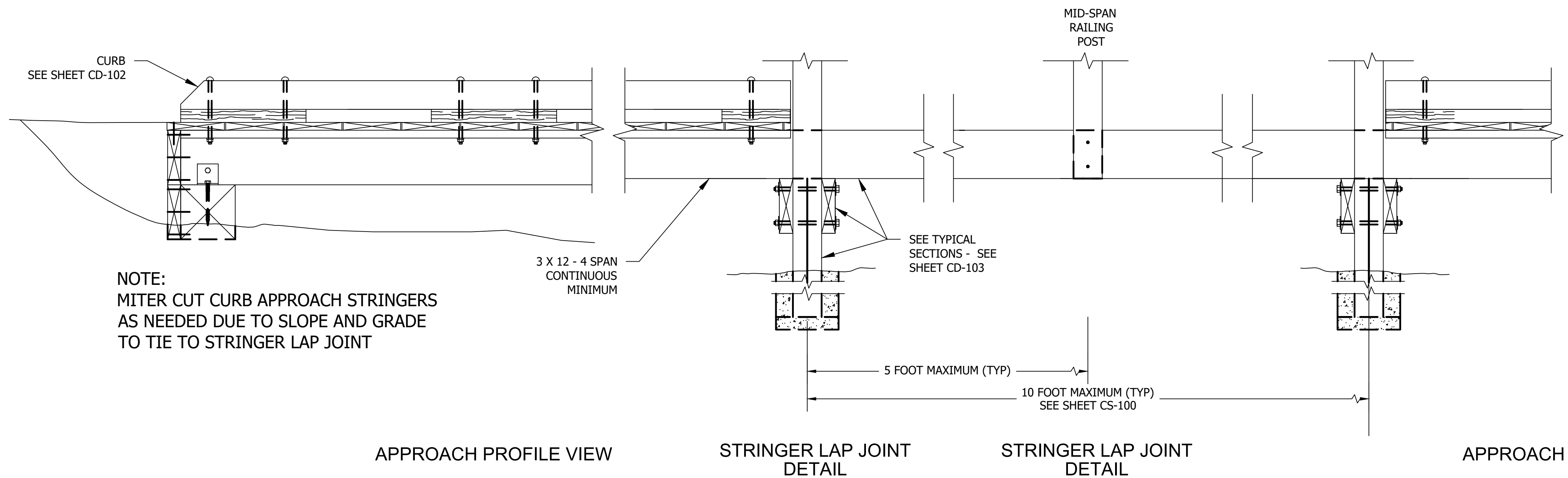
NOTES:
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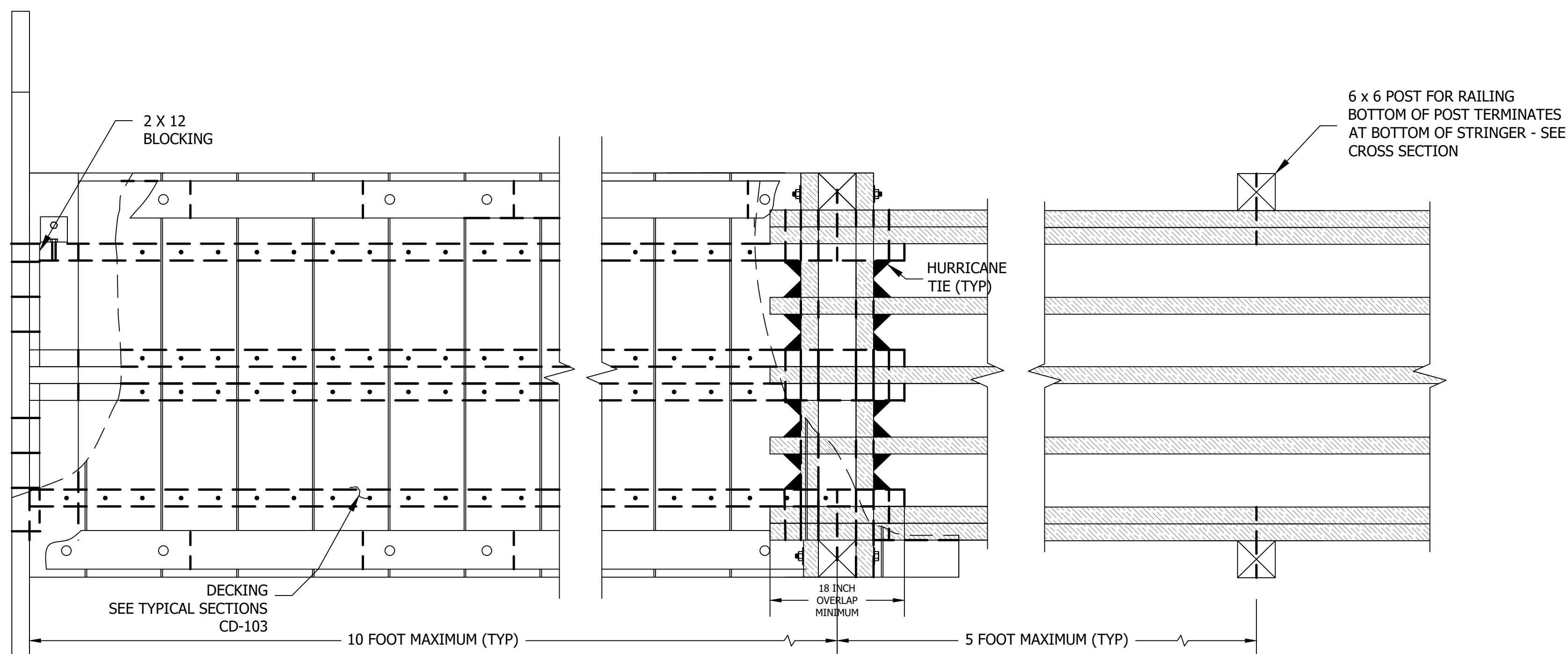
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS		
DRAWN BY: XXX		
CHECKED BY: XXX		
DATE: XXX		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: STD_938-10-02 STANDARD BOARDWALK		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

CD-103



DECK PROFILE VIEW
BLOCKING, CROSS BRACING, DECKING AND RAIL SYSTEM NOT SHOWN FOR CLARITY



NOTE:
MITER CUT CURB APPROACH STRINGERS
AS NEEDED DUE TO SLOPE AND GRADE
TO TIE TO STRINGER LAP JOINT

DECK PLAN VIEW
BLOCKING, CROSS BRACING, DECKING AND RAIL SYSTEM NOT SHOWN FOR CLARITY

A FOOT BRIDGE DETAILS

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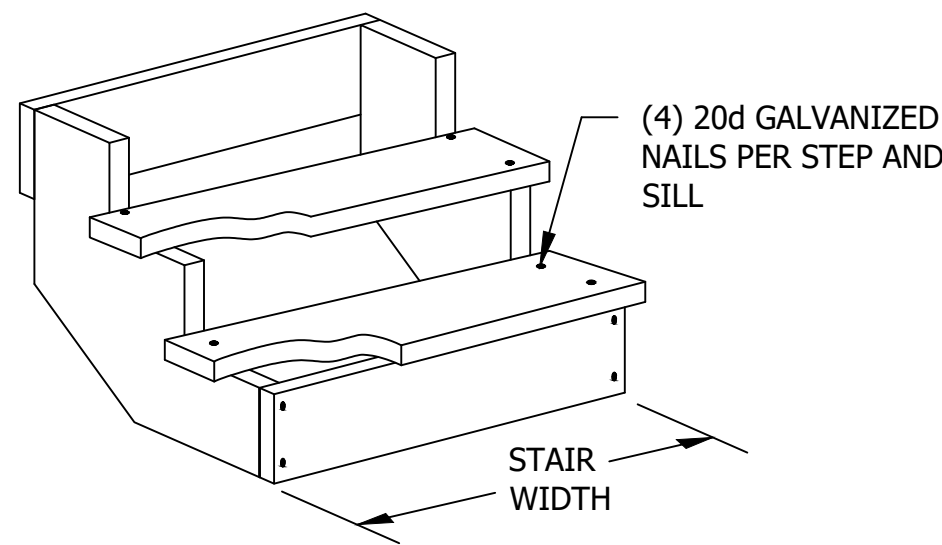
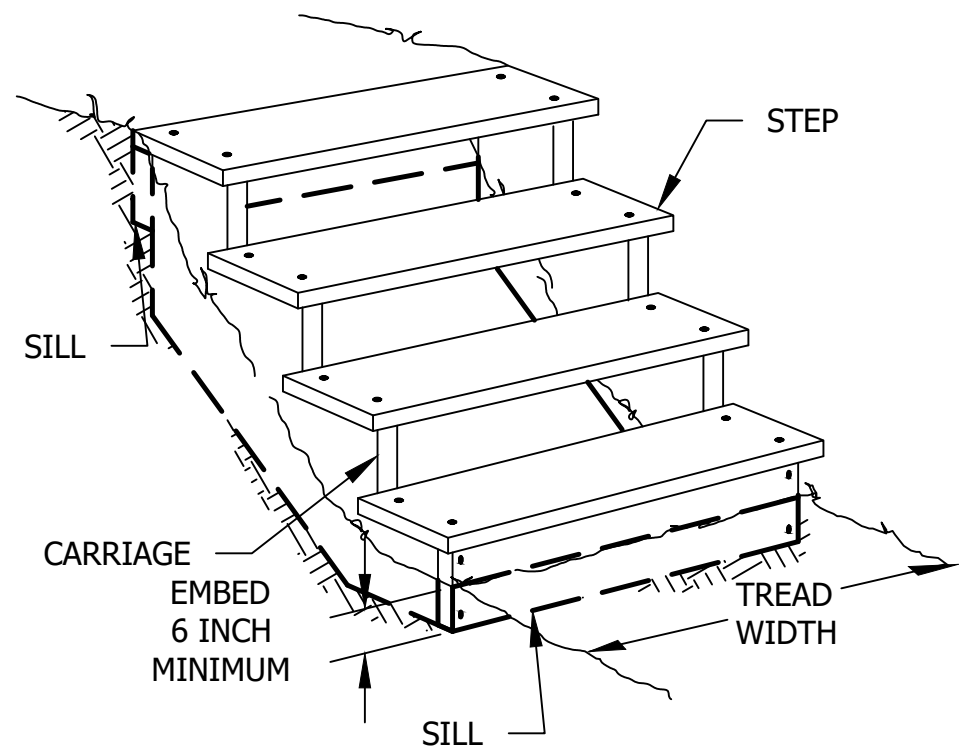
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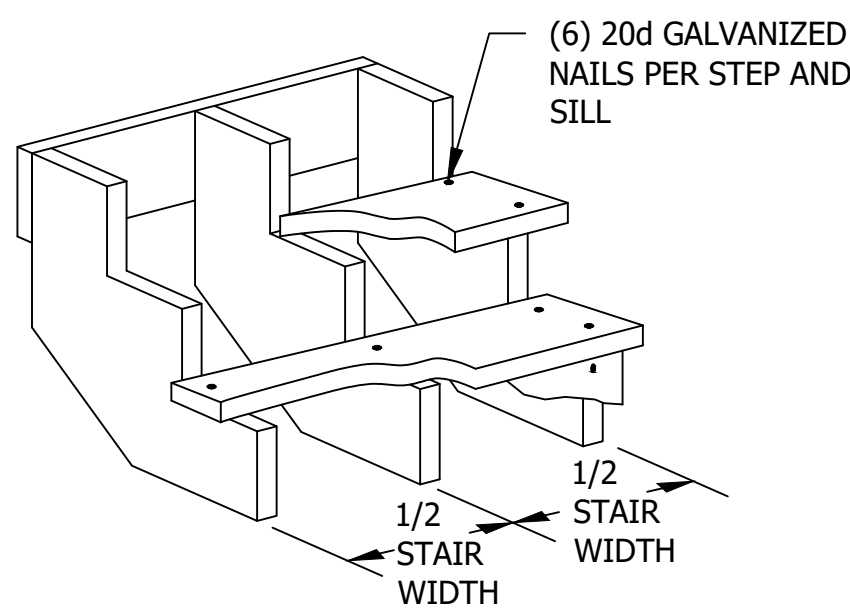
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS		
DRAWN BY: XXX		
CHECKED BY: XXX		
DATE: XXX		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: STD_938-10-03 STANDARD BOARDWALK		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

CD-104



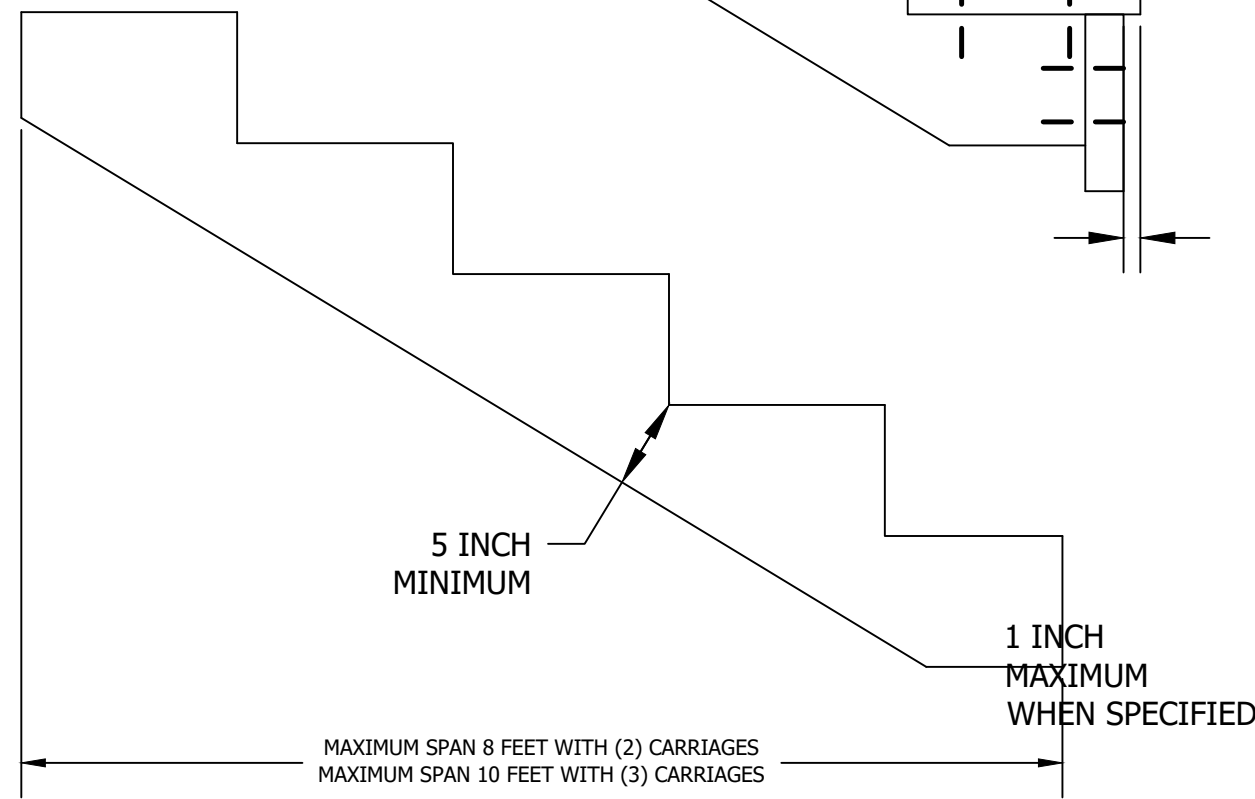
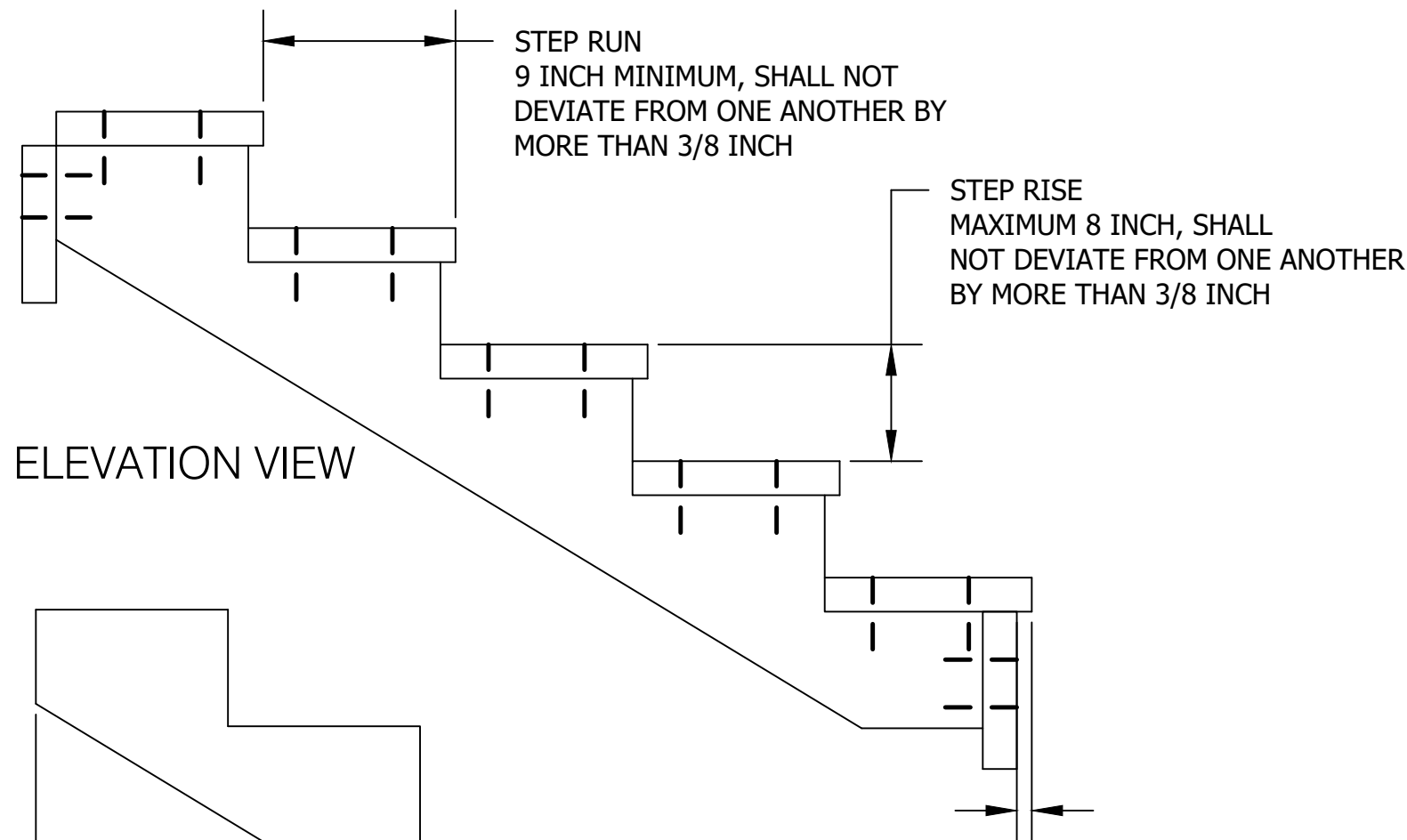
TWO CARRIAGE OPTION
FOR 3 FOOT OR LESS STEP WIDTH



THREE CARRIAGE OPTION
FOR 3 TO 6 FOOT STEP WIDTH

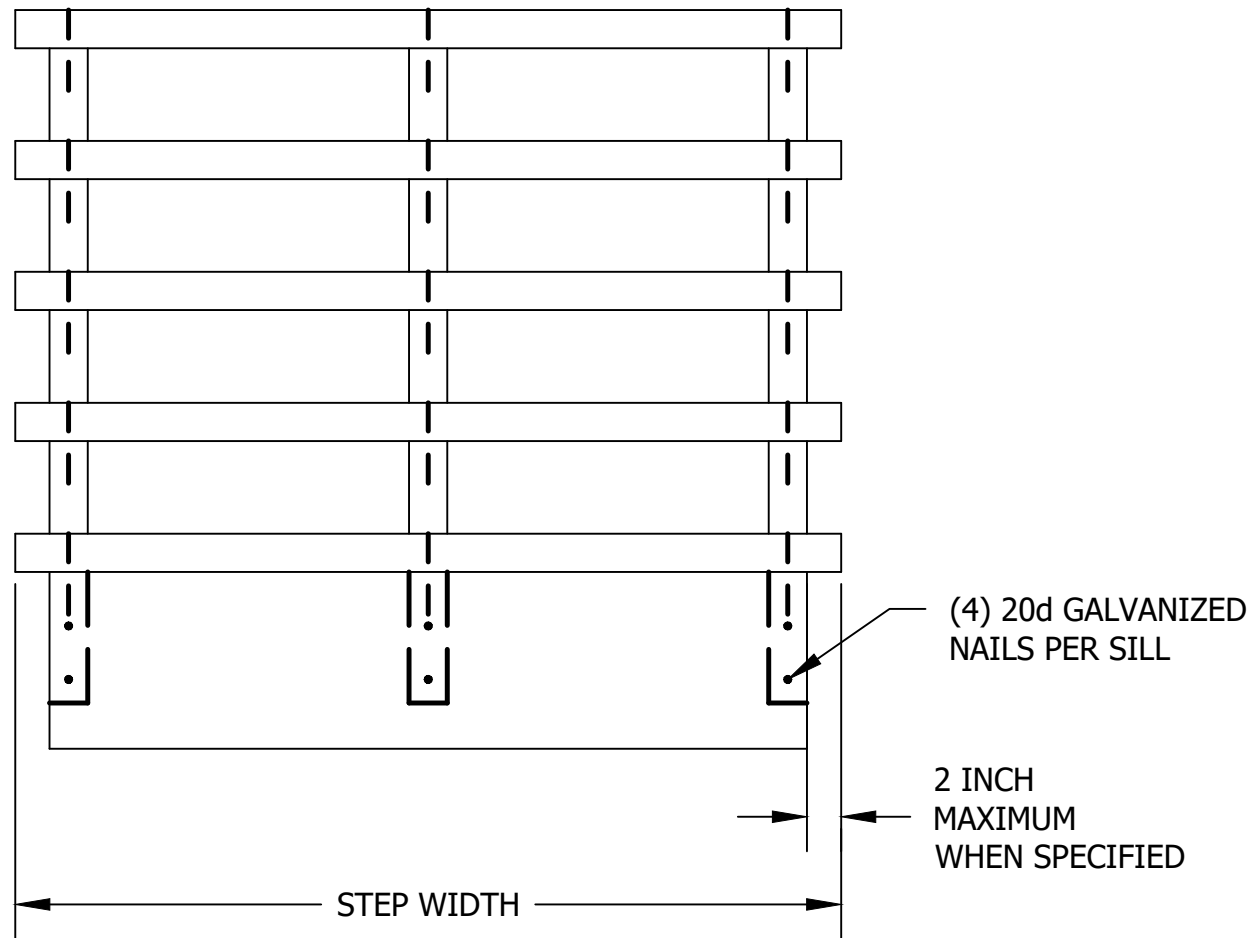
STAIRCASE

TYPICAL ID	SPAN	CARRIAGE		SILL	STEP				SPECIES	PRESERV. TYPE	COMMENTS
		NO. OF CARRIAGES	MATERIAL DIMENSION	MATERIAL DIMENSION	WIDTH	MATERIAL DIMENSION	RUN	RISE			
	X	X	X X X	X X X	X	X X X	X	X	X	P X	X



NOTES:

1. COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
2. REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.




PRESERVATIVE TREATMENT - (REFER TO AWPA USE CATEGORY SYSTEM)			
PRESERVATIVE TYPE	TREATMENT TYPE	USE CATEGORY	COMMENTS
P1	WB	UC4A	X
P2	WB	UC3B	
P3	XX	XXXX	

TREATMENT TYPE		USE CATEGORY	
WB	= WATERBORNE	UC3B	= ABOVE GROUND
OT	= OIL-BORNE	UC4A	= GROUND CONTACT
		UC4B	= GROUND CONTACT

- EXPOSED
- GENERAL USE
- HEAVY DUTY

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PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS

DRAWN BY: XXX

CHECKED BY: XXX

DATE: XXX

Revision	Drawn By	Date

FILE NO: 2312939

CLIENT NAME:
TOWN OF VERNON

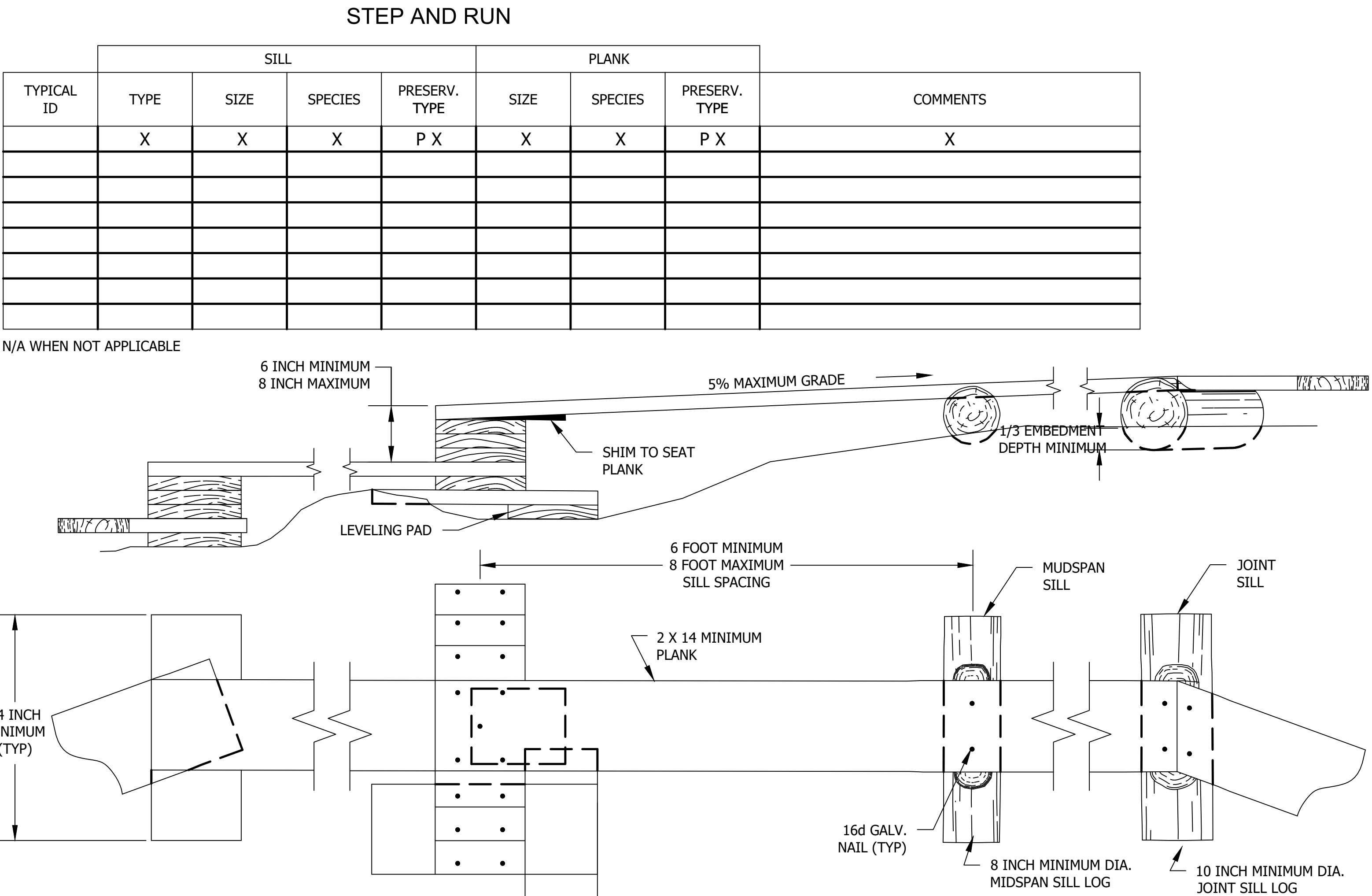
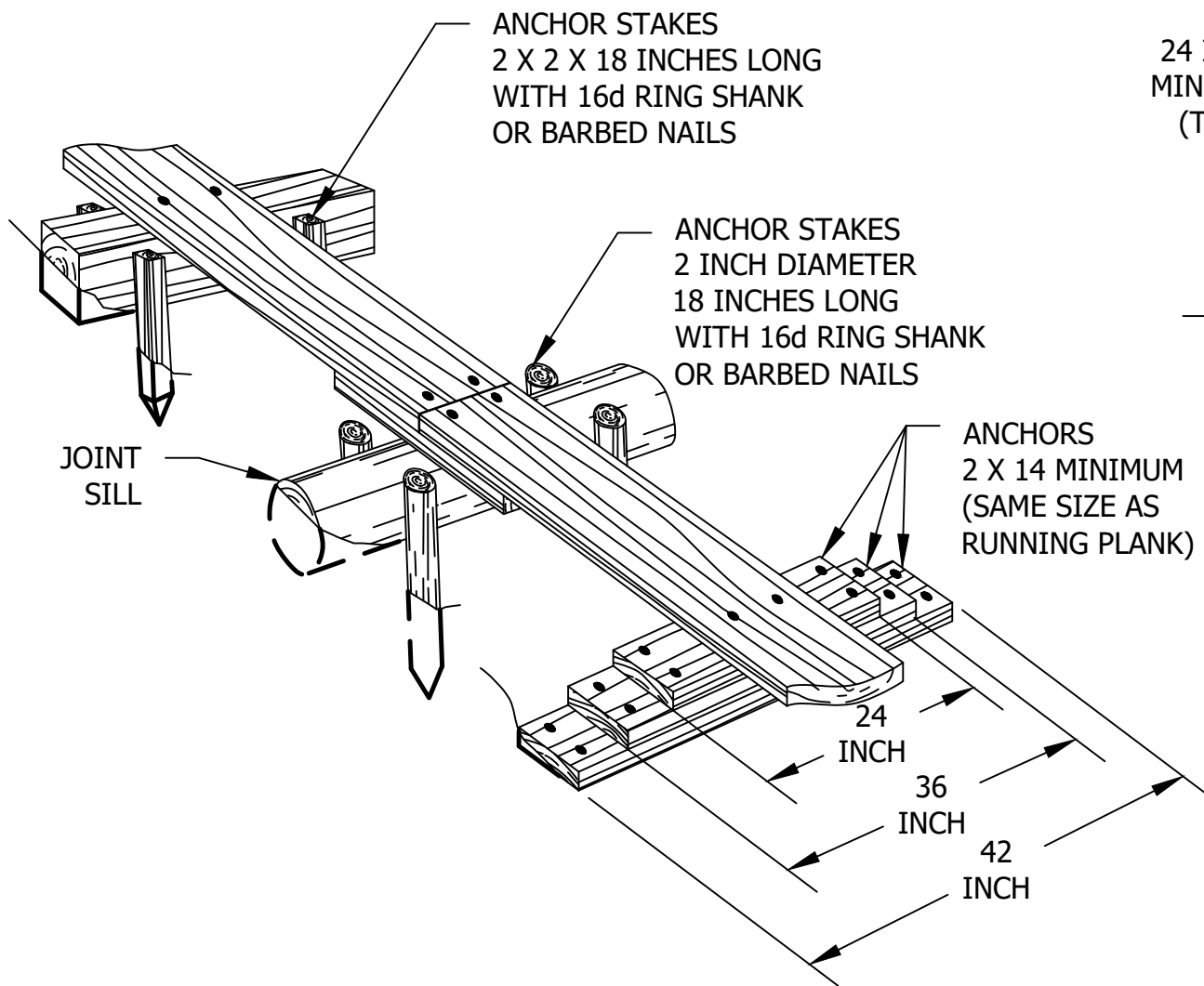
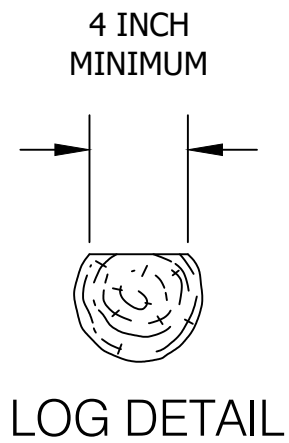
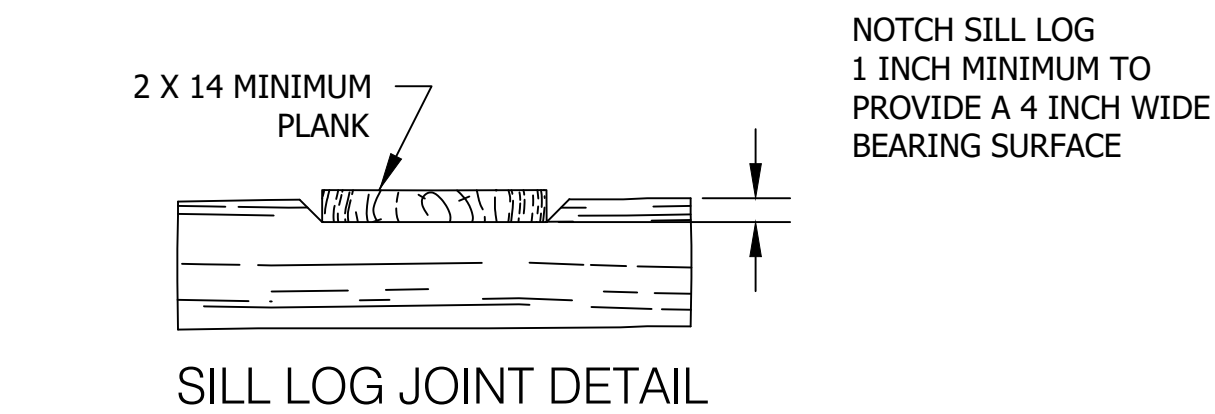
PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
STD_936-40-01
STAIRCASE

DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:

CD-105



- NOTES:
- KEEP PLANKS LOW TO THE GROUND. FOLLOW TOPOGRAPHY THROUGH SMALL DIPS.
 - AVOID STACKING PLANKS FOR SILL ON SIDE HILLS. DIG THE SILL INTO THE BANK.


PRESERVATIVE TREATMENT - (REFER TO AWPB USE CATEGORY SYSTEM)			
PRESERVATIVE TYPE	TREATMENT TYPE	USE CATEGORY	COMMENTS
P1	WB	UC4A	X
P2	WB	UC3B	
P3	XX	XXXX	

TREATMENT TYPE		USE CATEGORY	
WB	= WATERBORNE	UC3B	= ABOVE GROUND
OT	= OIL-BORNE	UC4A	= GROUND CONTACT
		UC4B	= GROUND CONTACT

- EXPOSED
- GENERAL USE
- HEAVY DUTY

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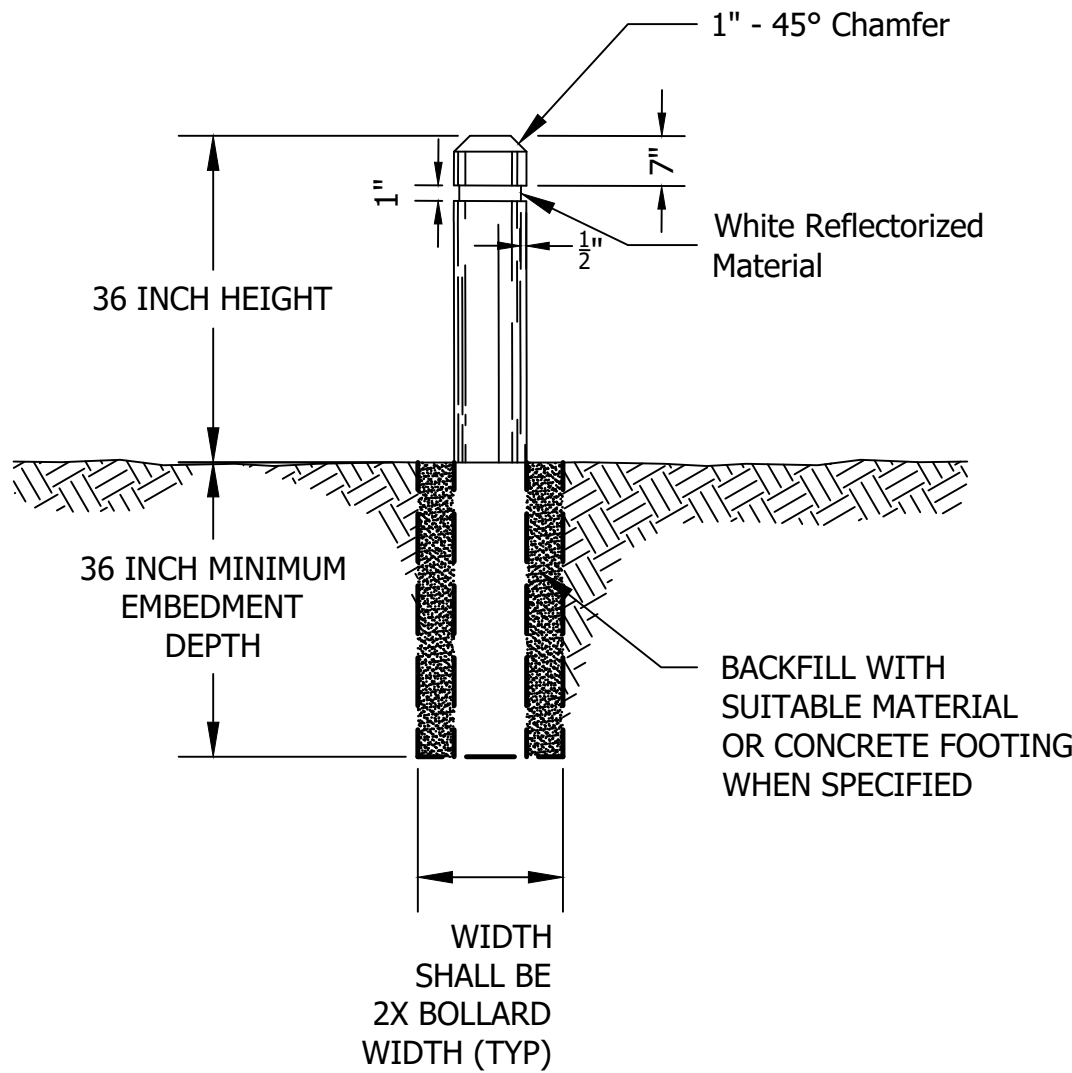
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS		
DRAWN BY: XXX		
CHECKED BY: XXX		
DATE: XXX		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: STD_938-30-01 STEP AND RUN		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

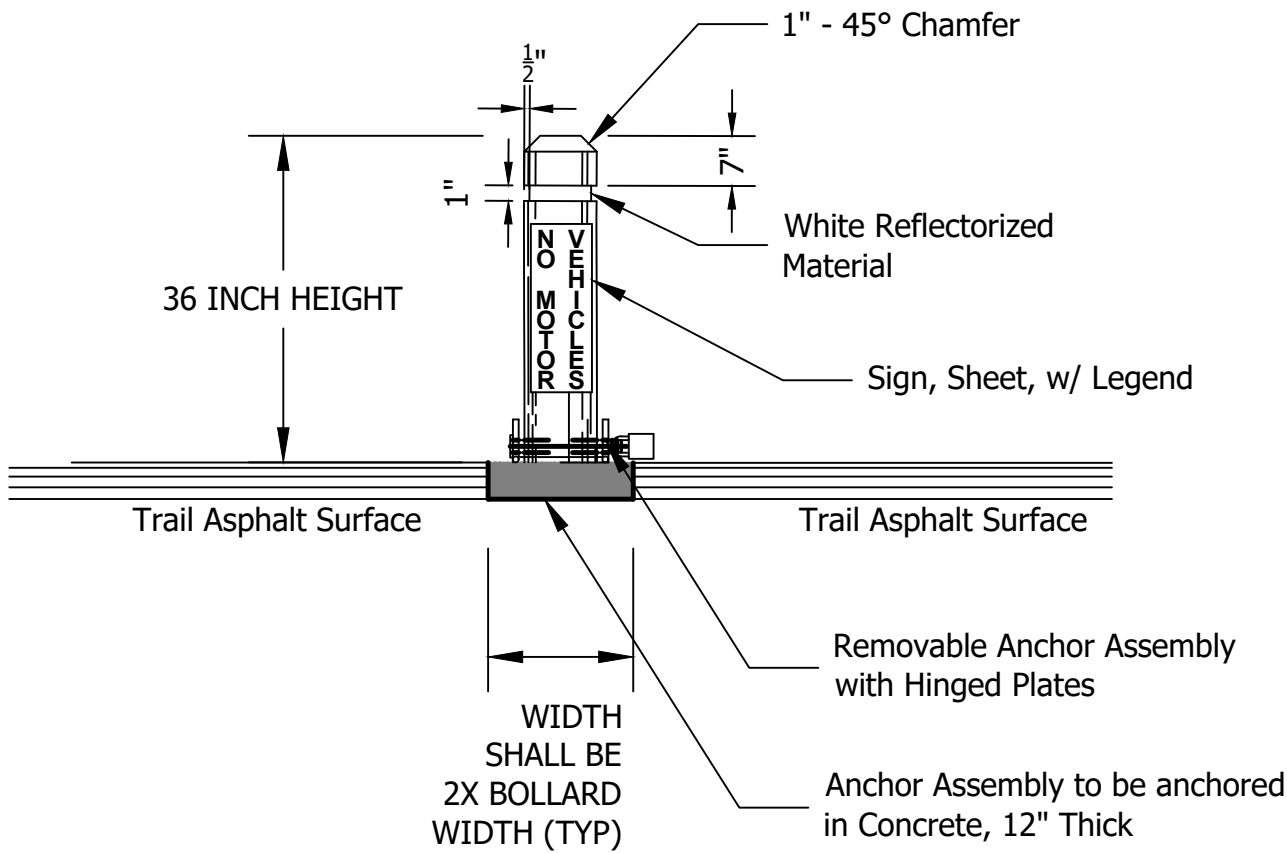
CD-106

BOLLARDS

TYPICAL ID	SECTION TYPE	BOLLARD			EMBEDMENT DEPTH	PRESERV. TYPE	COMMENTS
		TYPE	SIZE	HEIGHT			
	N/A	BD 4	8 x 8	36"	36"	P 3	PROVIDE WHITE REFLECTORIZED STRIP
	N/A	BD 4	8 x 8	36"	N/A	P 3	PROVIDE WHITE REFLECTORIZED STRIP SIGN LEGEND "NO MOTOR VEHICLES" FACING ROAD SIDE SIGN LEGEND "STOP" FACING TRIAL SIDE



A PERMANENT INSTALLATION SECTION



R REMOVABLE INSTALLATION SECTION
SINGLE LOCK SYSTEM SHOWN

BOLLARD MATERIAL

TYPE	MATERIAL	COMMENTS
BD1	LOG	
BD2	STEEL	
BD3	CONCRETE	
BD4	TIMBER	
BD5	RAILROAD TIE	
BD6	MANUFACTURED	
BD7		

- NOTES:
- REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.
 - COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
 - WHEN SPECIFIED INSTALL PER MANUFACTURERS INSTRUCTION.
 - OBJECT MARKERS REQUIRED ON MOTORIZED TRAILS.


PRESERVATIVE TREATMENT - (REFER TO AWPA USE CATEGORY SYSTEM)			
PRESERVATIVE TYPE	TREATMENT TYPE	USE CATEGORY	COMMENTS
P1	WB	UC4A	
P2	WB	UC3B	
P3	WB or OT	UC4B	

TREATMENT TYPE		USE CATEGORY	
WB	= WATERBORNE	UC3B	= ABOVE GROUND
OT	= OIL-BORNE	UC4A	= GROUND CONTACT
		UC4B	= GROUND CONTACT

- EXPOSED
- GENERAL USE
- HEAVY DUTY

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PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS

DRAWN BY: XXX

CHECKED BY: XXX

DATE: XXX

Revision	Drawn By	Date

FILE NO: 2312939

CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
STD_945-10-01
BOLLARDS

DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:

CD-107

NO.	DESCRIPTION
①	TRAIL IDENTIFICATION
②	ARROW
③	INFORMATION SIGN
④	BLAZE(R) AS NEEDED
⑤	OTHER

[illegible]

L	LEFT SIDE
R	RIGHT SIDE
BOTH	BOTH SIDES

FR	FRONT SIDE
BA	BACK SIDE
BOTH	BOTH SIDES
OTHER	X

TR	TREE
WP	WOOD POST
SP	STEEL POST
RPL	STRUCTURAL GRADE RECYCLED PLASTIC LUMBER



TRAIL MILE MARKER INFORMATION

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NOTES:
1. This sheet is to be: 22" X 34"

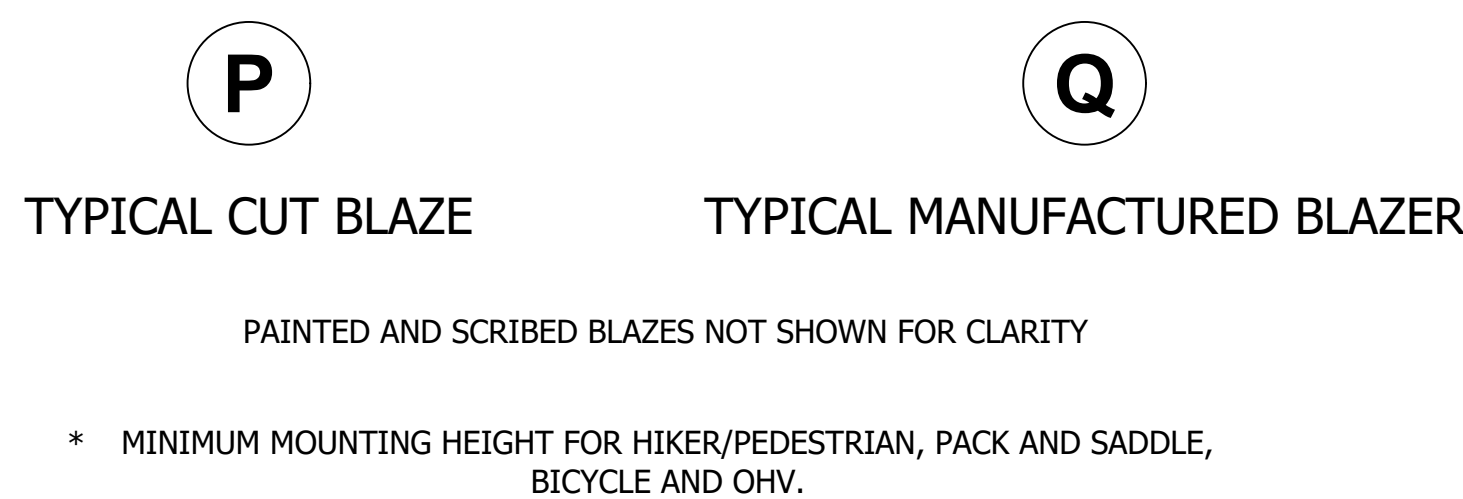
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PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: NTS		
DRAWN BY: XXX		
CHECKED BY: XXX		
DATE: XXX		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME:		
TOWN OF VERNON		
PROJECT DESCRIPTION:		
VERNON MUSCATATUCK TRAIL		
SHEET TITLE:		
STD_952-01		
TRAIL DIRECTIONAL MARKERS		
DESIGN PHASE:		
OWNER REVIEW		
SHEET NUMBER:		

CD-108



- NOTES:

1. REFER TO "EM-7100-15 SIGN AND POSTER GUIDELINES, FOR THE FS" FOR SIGN SPECIFICATIONS, MATERIALS, AND PLACEMENT.
2. CUT BLAZE NO DEEPER THAN NECESSARY FOR CLEAR VISIBILITY. CUT ON BOTH SIDES, VISIBLE FROM BOTH DIRECTIONS.
3. REFER TO EM 7100-15 FOR BLAZER COLOR.



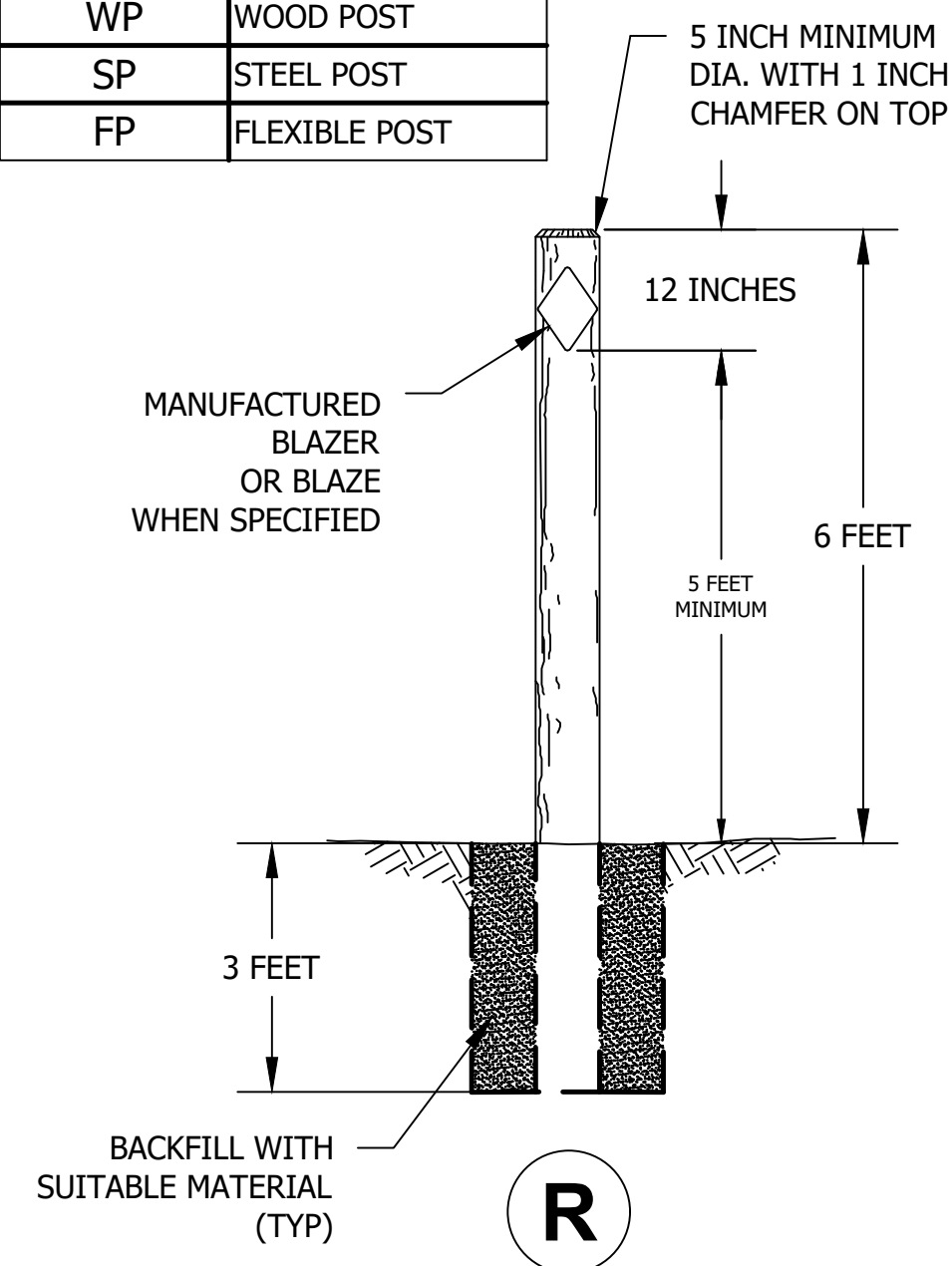
L	LEFT SIDE
R	RIGHT SIDE
BOTH	BOTH SIDES



FR	FRONT SIDE
BA	BACK SIDE
BOTH	BOTH SIDES

SUPPORT TYPE

TR	TREE
WP	WOOD POST
SP	STEEL POST
FP	FLEXIBLE POST

REASSURANCE MARKER
SUPPORT WITH BLAZE(R)

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SCALE: NTS

DRAWN BY: XXX

CHECKED BY: XXX

DATE: XXX

Revision	Drawn By	Date

FILE NO: 2312939

CLIENT NAME:
TOWN OF VERNON

PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
STD_953-01
REASSURANCE MARKERS

DESIGN PHASE:
OWNER REVIEW


SHEET NUMBER:

CD-109

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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date

FILE NO: 2312939
CLIENT NAME:
TOWN OF VERNON

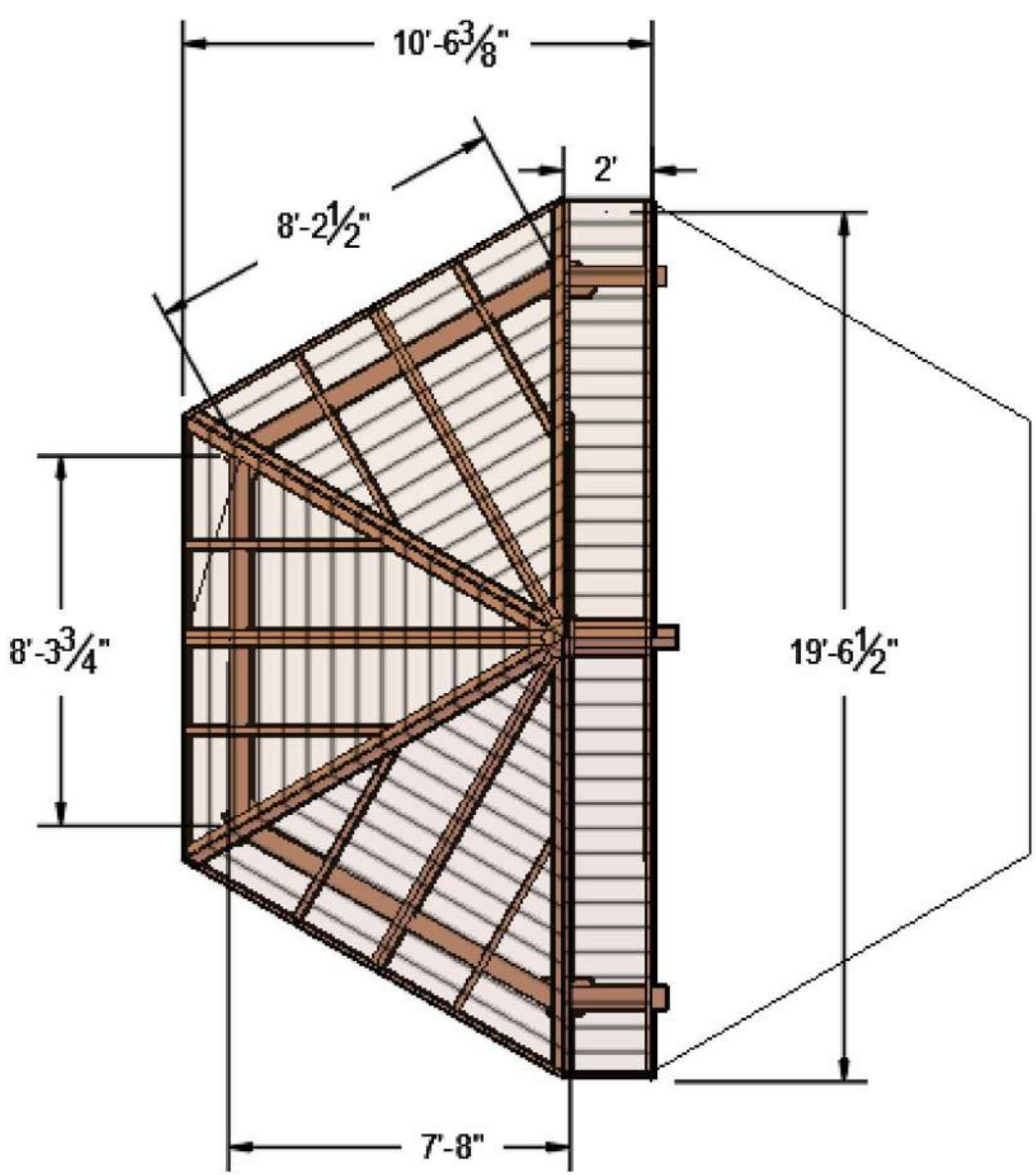
PROJECT DESCRIPTION:
VERNON MUSCATATUCK TRAIL

SHEET TITLE:
RIVER OVERLOOK STRUCTURE

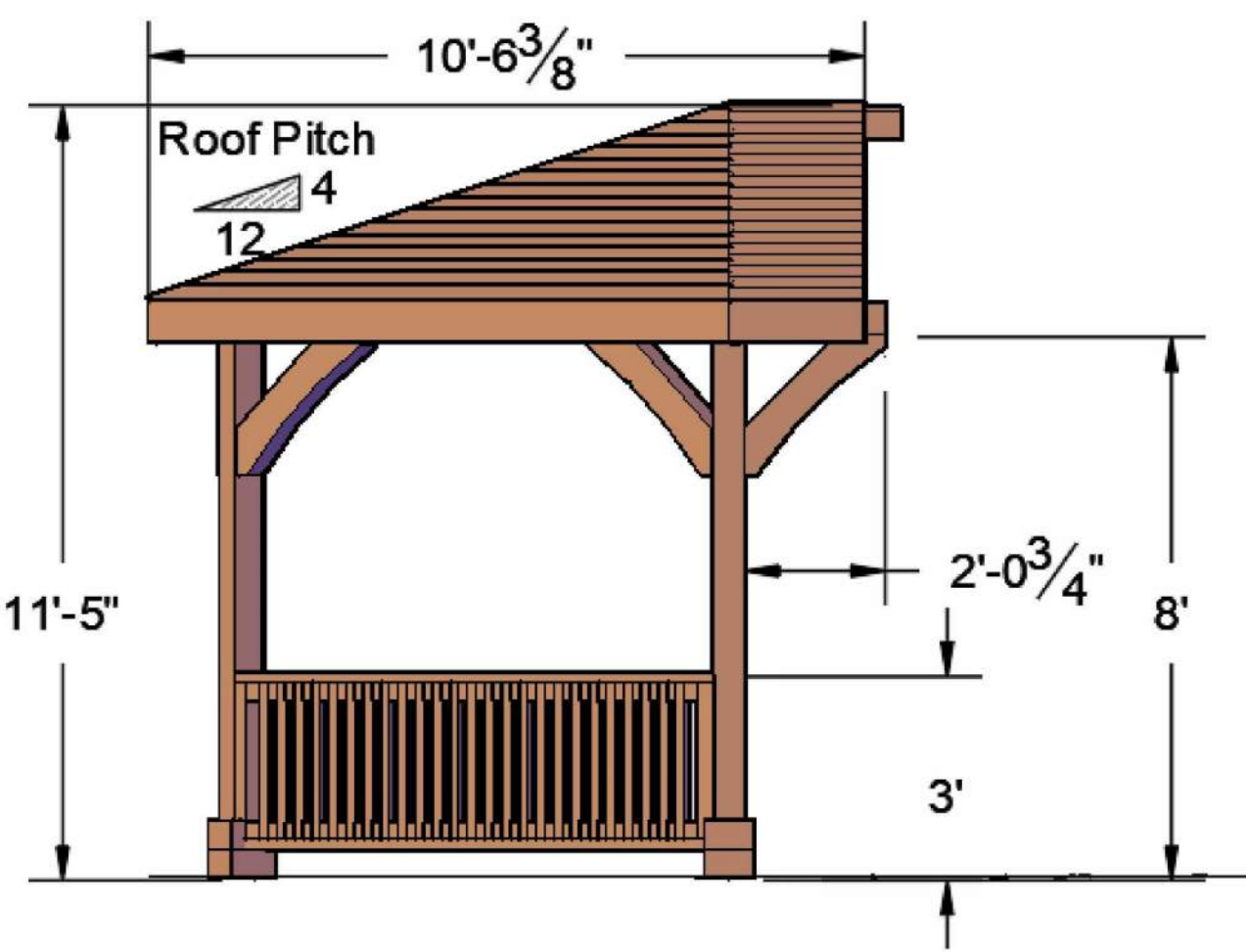
DESIGN PHASE:
OWNER REVIEW

SHEET NUMBER:

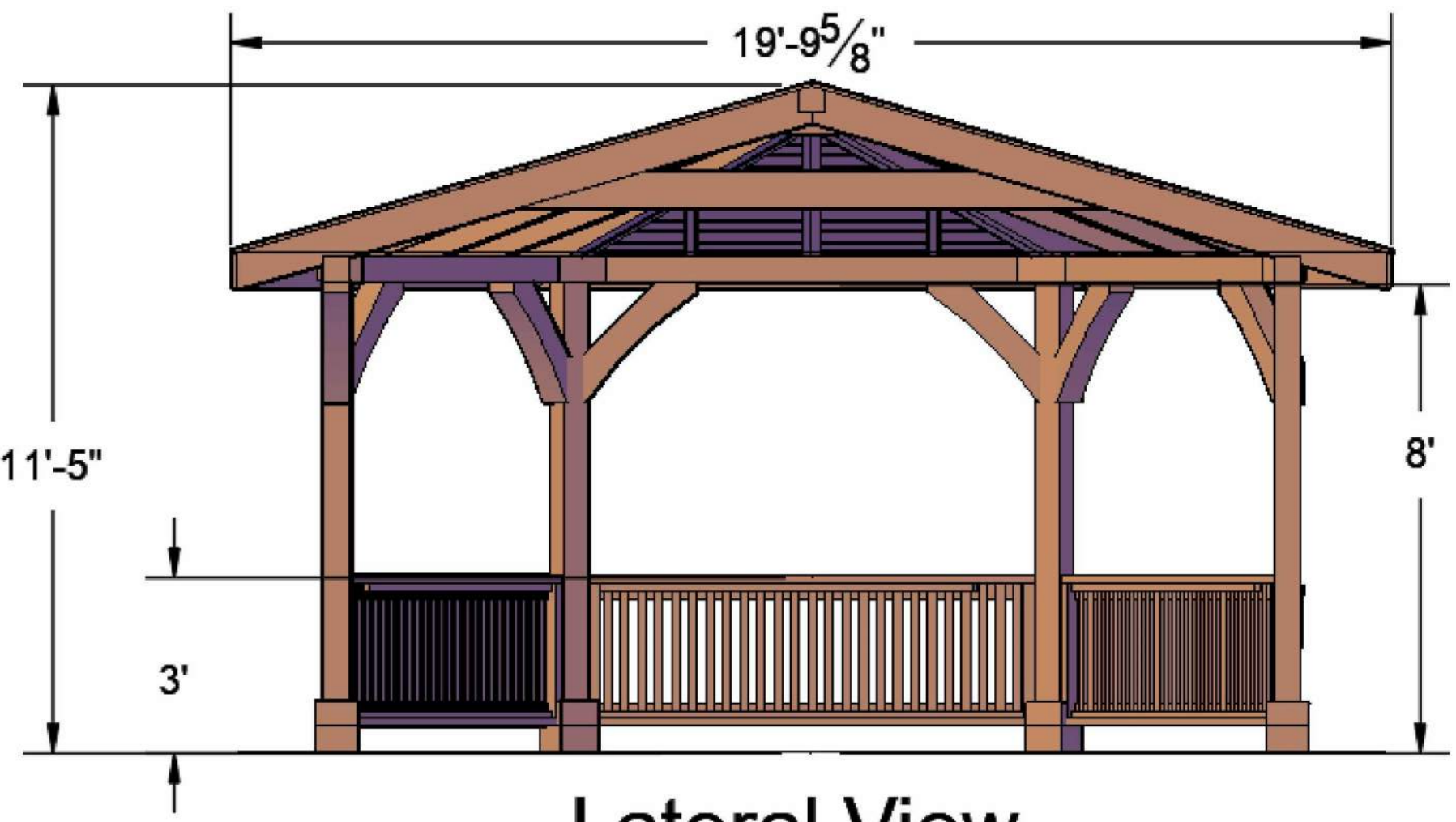
CD-110



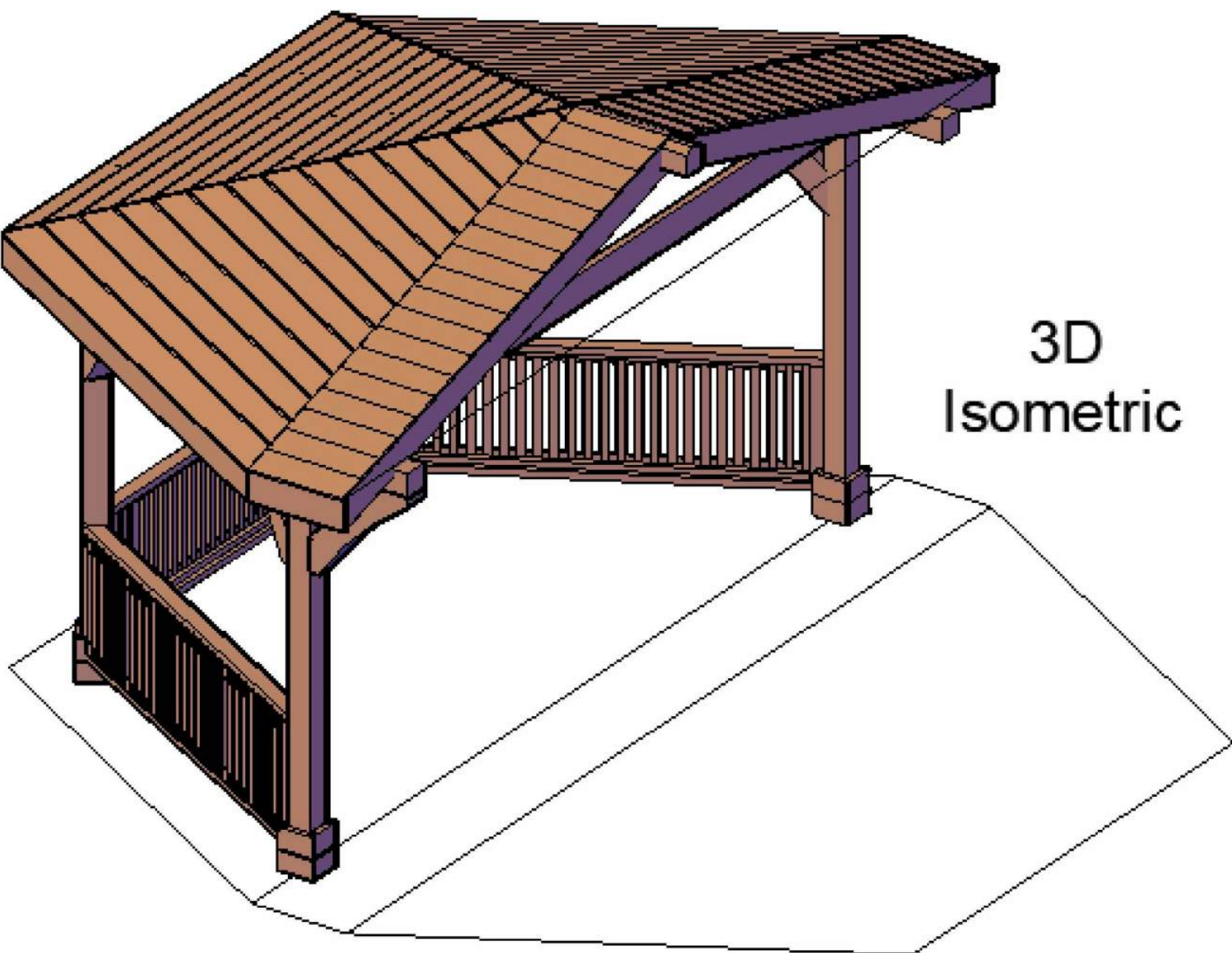
Top View



Lateral View

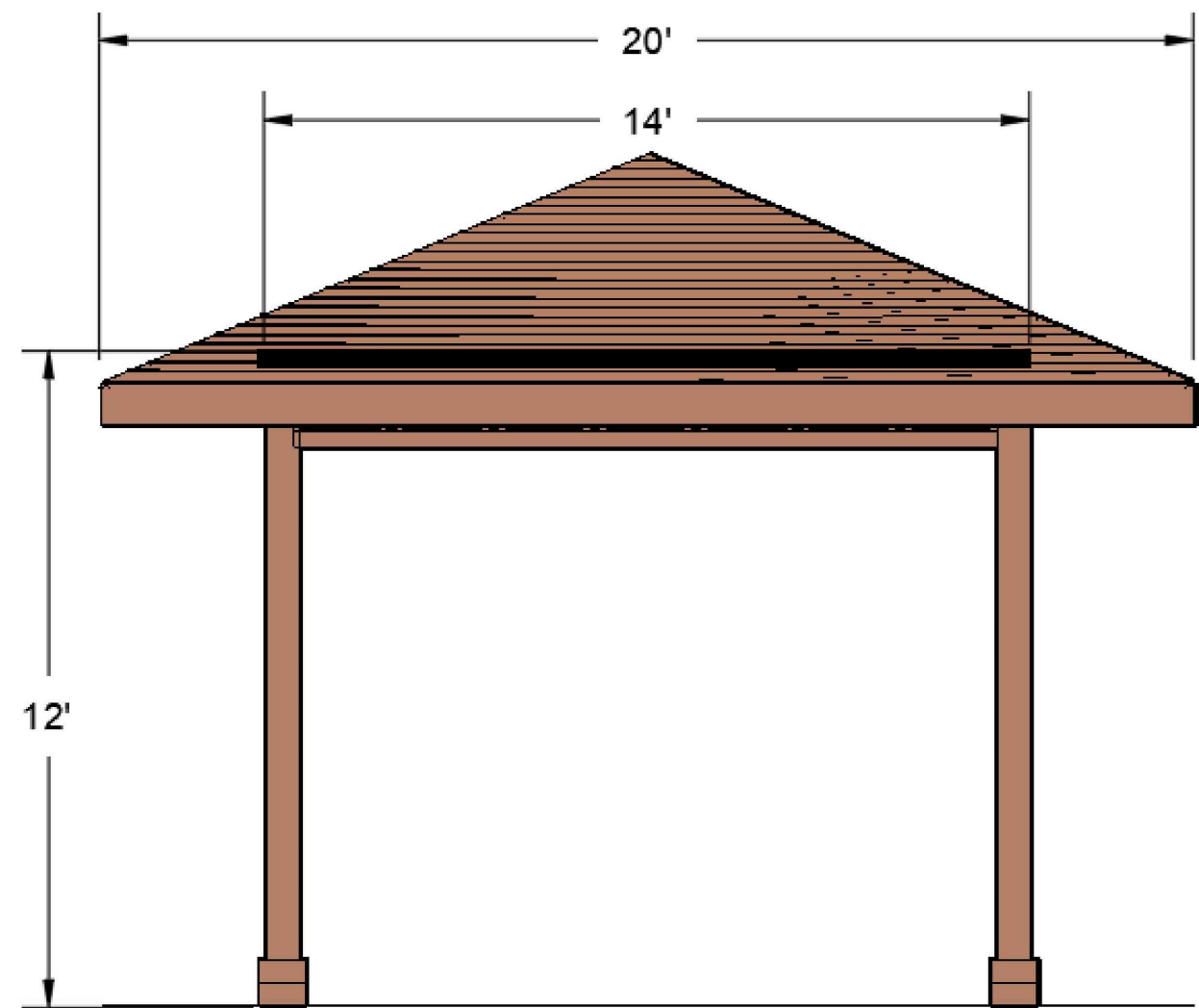


Lateral View

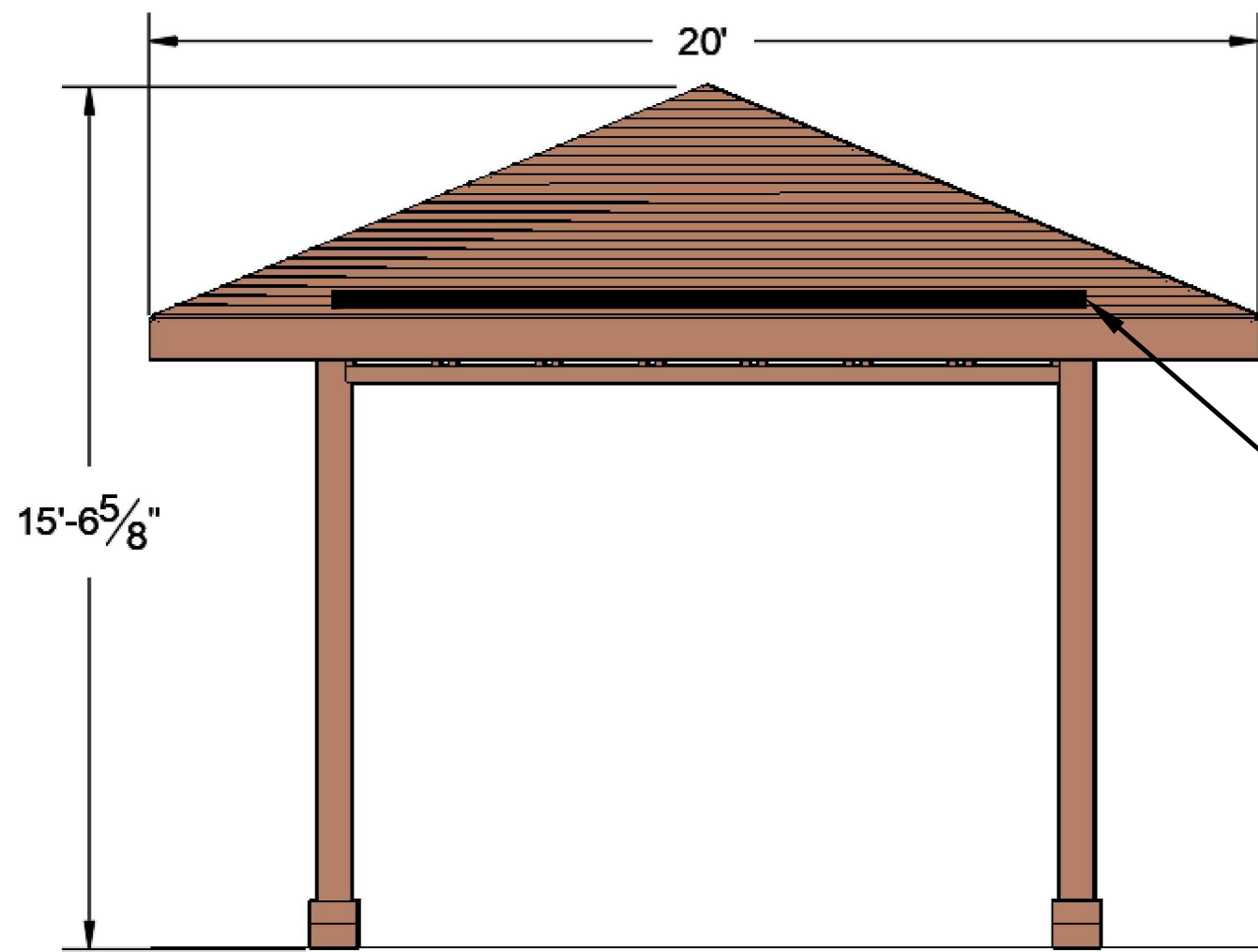


3D
Isometric

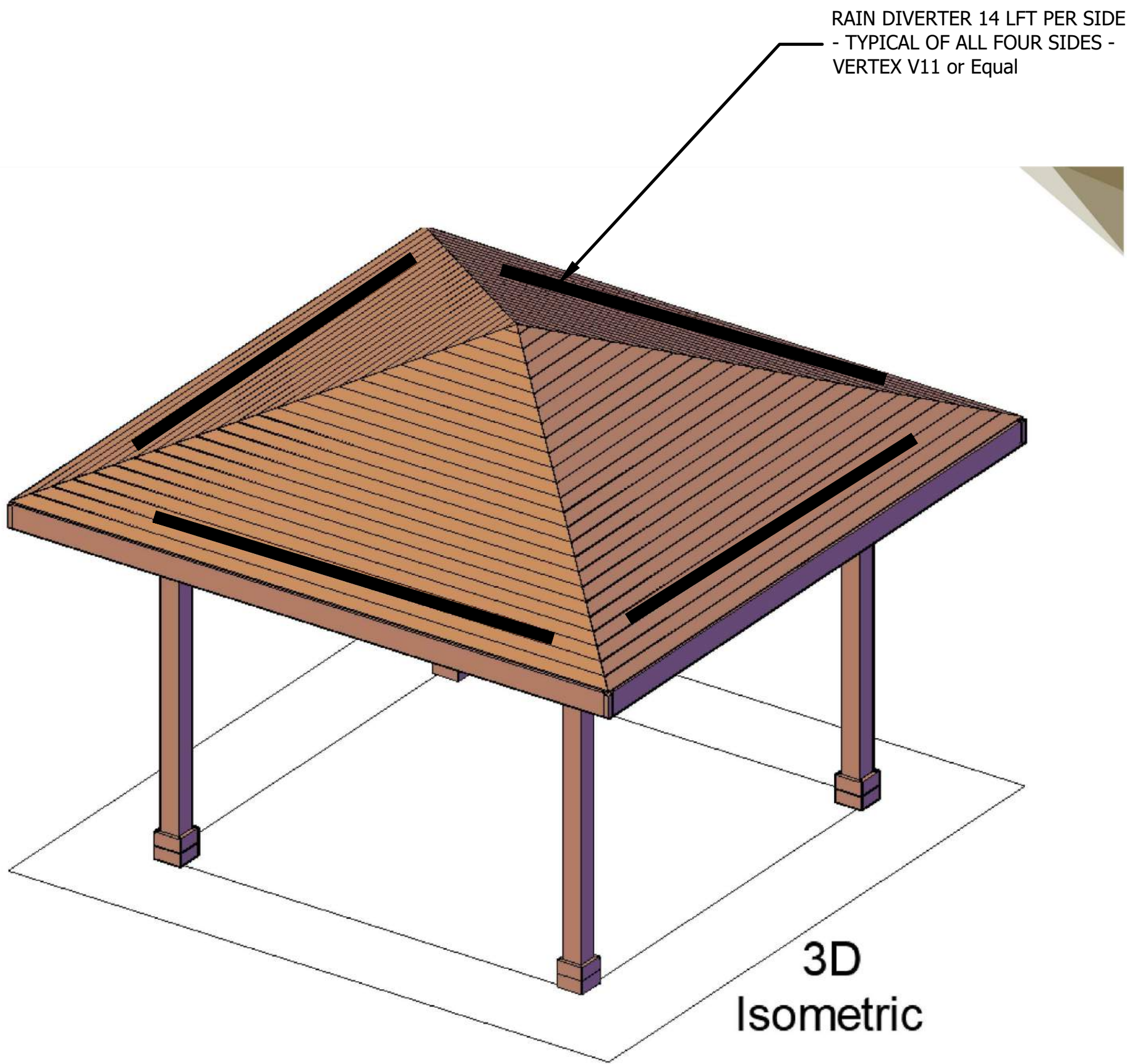
A VERNON HIGH SCHOOL RIVER OVERLOOK STRUCTURE



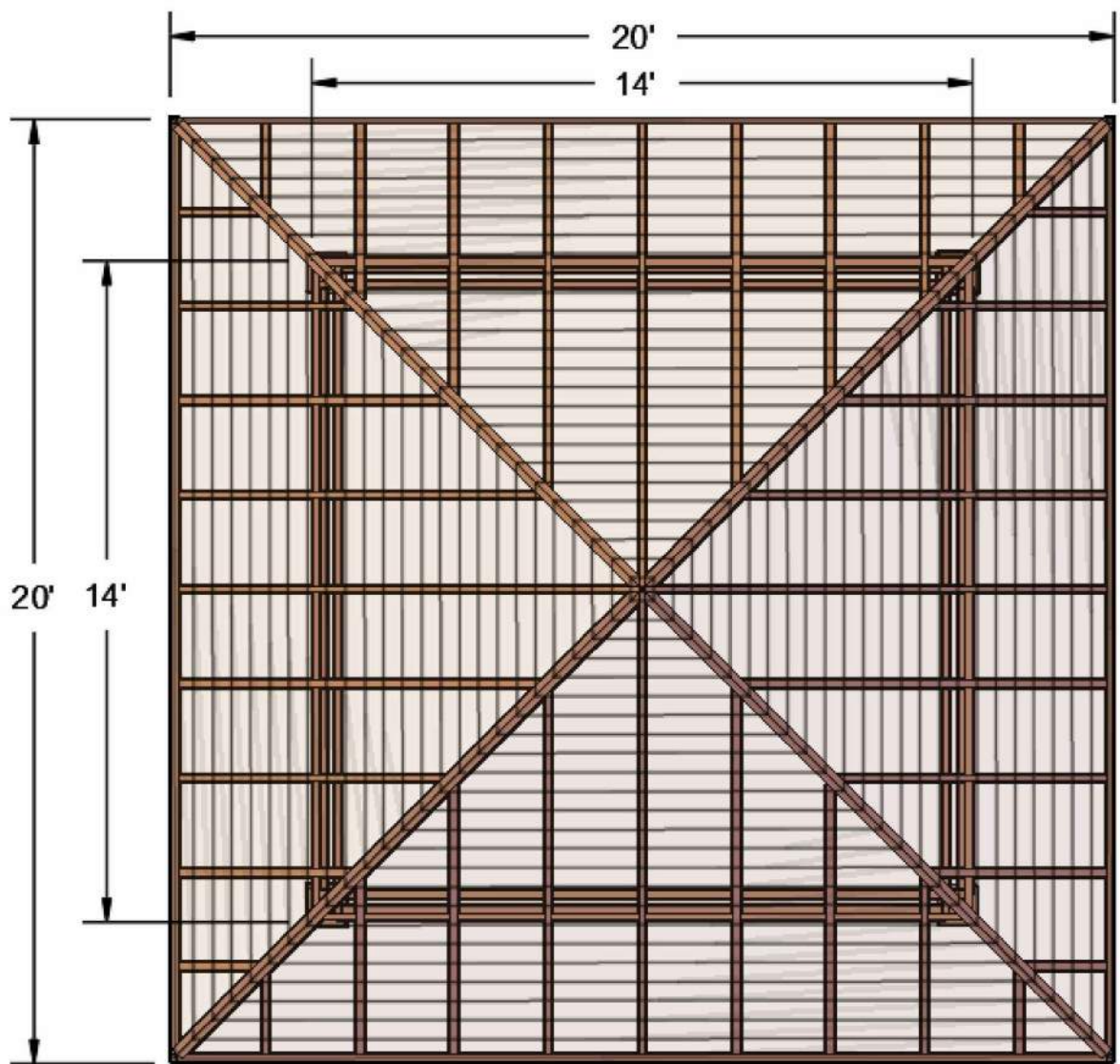
Front View



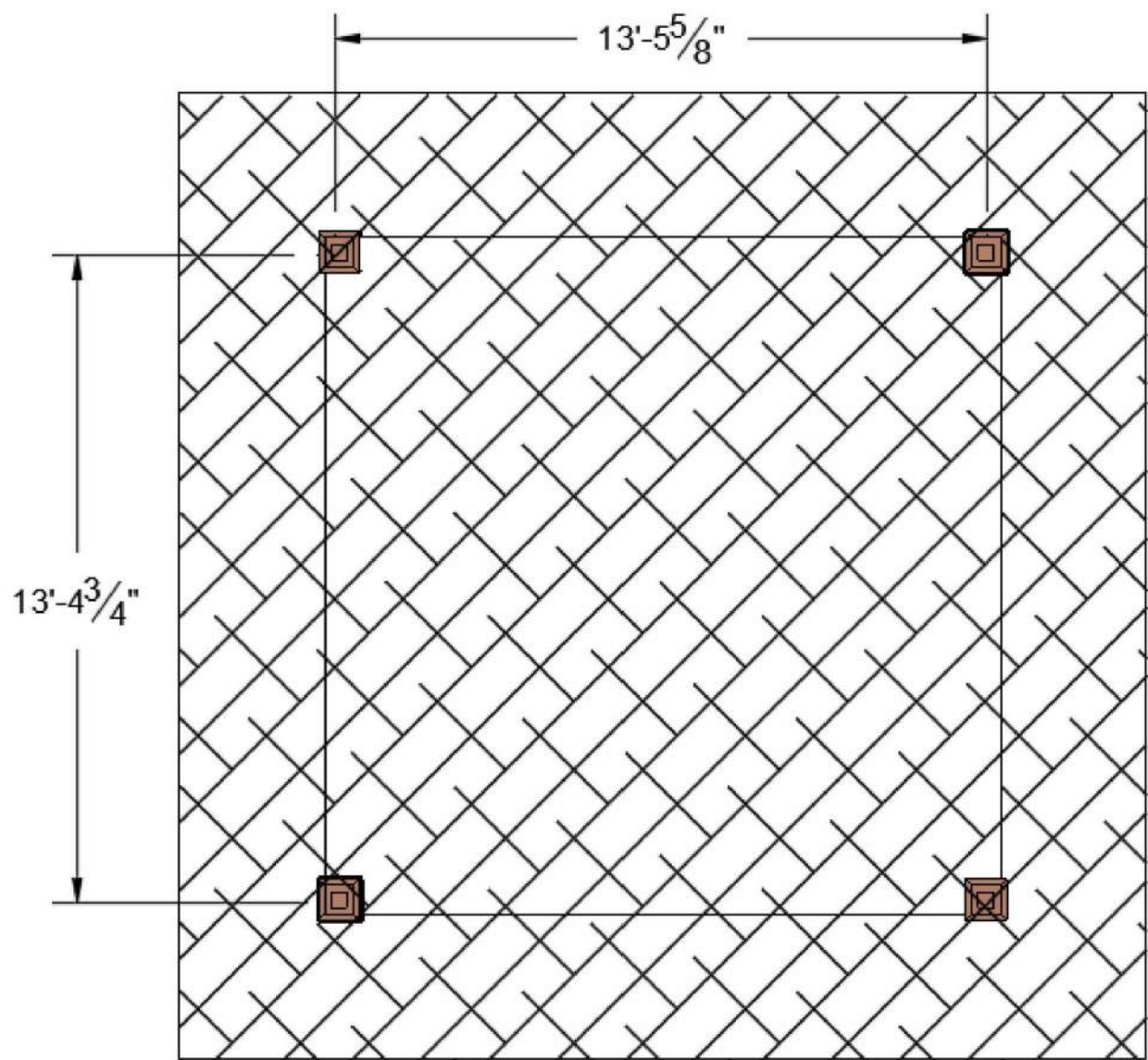
Lateral View



3D Isometric



Top View




Top View

A VERNON HIGH SCHOOL SHELTER

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PRELIMINARY
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SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: VERNON HIGH SCHOOL SHELTER		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		


CD-111



A KIOSK - TYPICAL DESIGN CONCEPT

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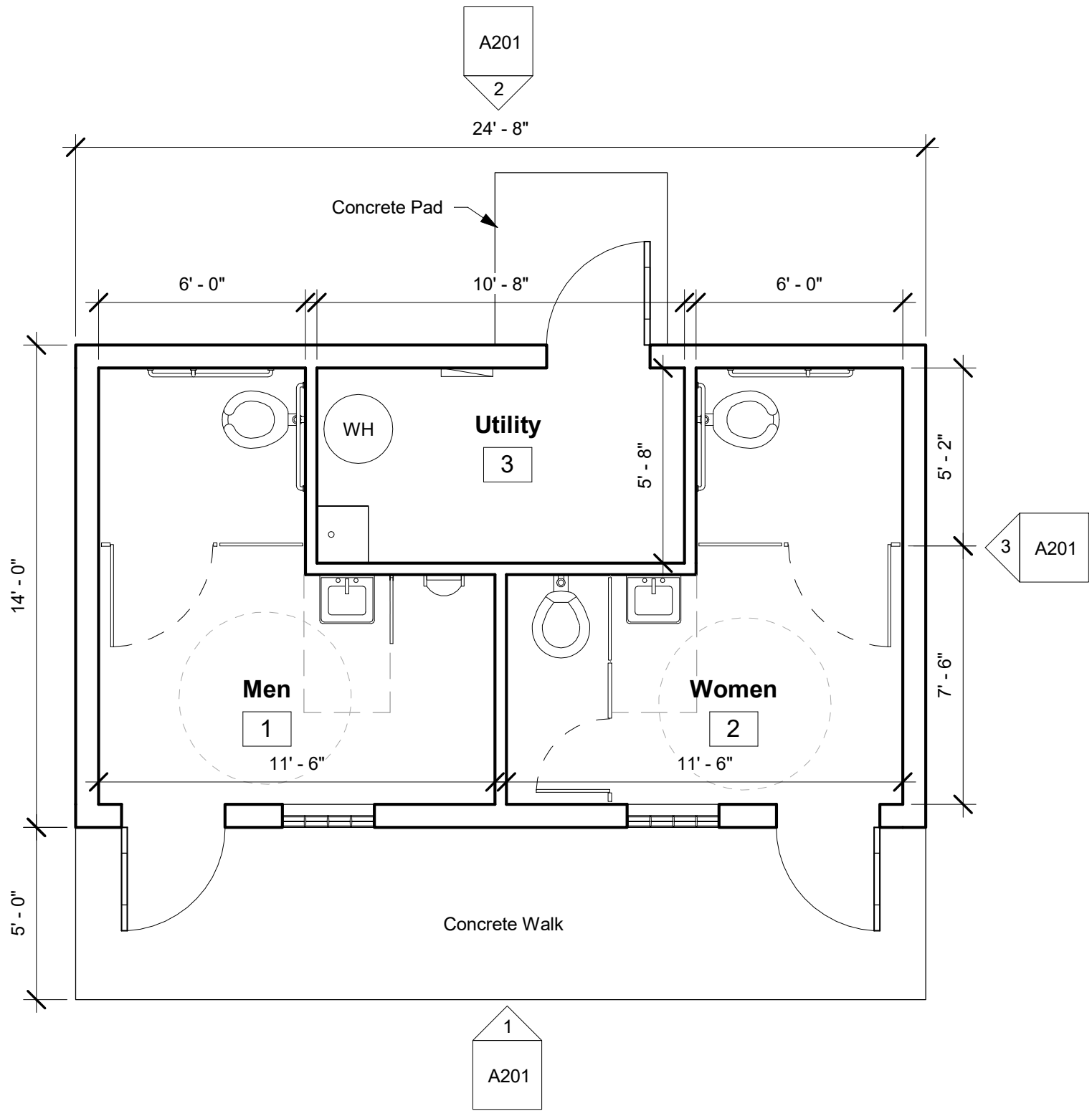
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1" = 20'		
DRAWN BY: CK		
CHECKED BY: SG		
DATE: OCTOBER 2, 2023		
Revision	Drawn By	Date
FILE NO: 2312939		
CLIENT NAME: TOWN OF VERNON		
PROJECT DESCRIPTION: VERNON MUSCATATUCK TRAIL		
SHEET TITLE: TRAIL KIOSK		
DESIGN PHASE: OWNER REVIEW		
SHEET NUMBER:		

CD-113

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1 Level 1
1/4" = 1'-0"



- Notes:
- Exterior walls to be 8" CMU w/ fiber cement siding.
 - Interior walls to be 4" CMU (All interior wall surfaces to be painted).
 - Ceiling to have FRP finish.
 - Floor to be 4" sealed concrete slab on grade w/ floor drains in each room.
 - All hardware and fixtures to be ADA compliant.
 - All lighting to be LED.
 - Plumbing winterization valves to be installed.
 - Provide a lockable hose bib in each restroom below lavatory.
 - Water closet and urinal partitions to be metal with baked enamel finish.

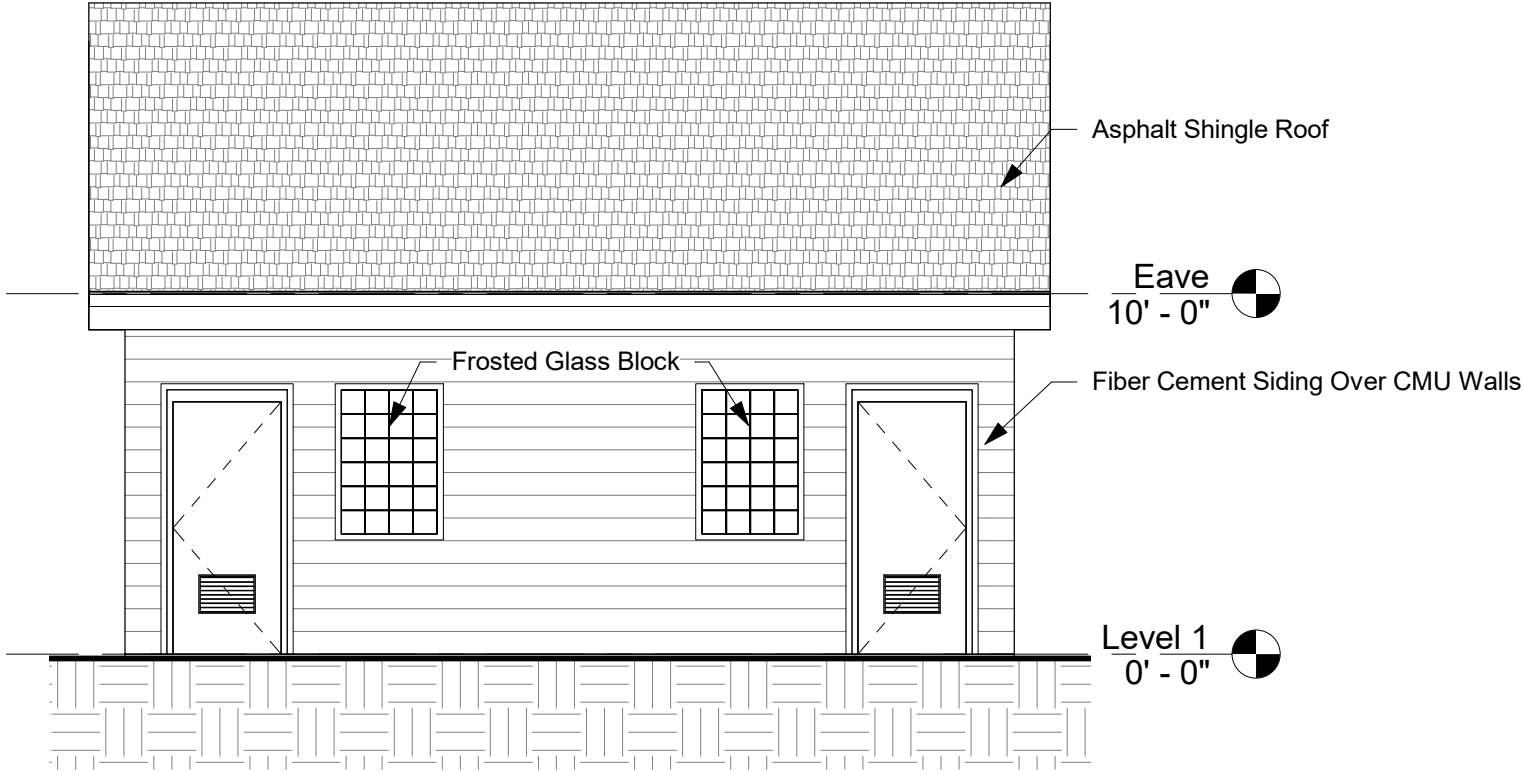
PRELIMINARY
NOT FOR CONSTRUCTION

SCALE: 1/4" = 1'-0"	DRAWN BY: TDW	CHECKED BY: BAH
DATE: August 17, 2023	JOB NO: 23-12939	
FOR: Town of Vernon		
NLT Trail - Commons Restroom		
Floor Plan		
SHEET NO:		
A101		

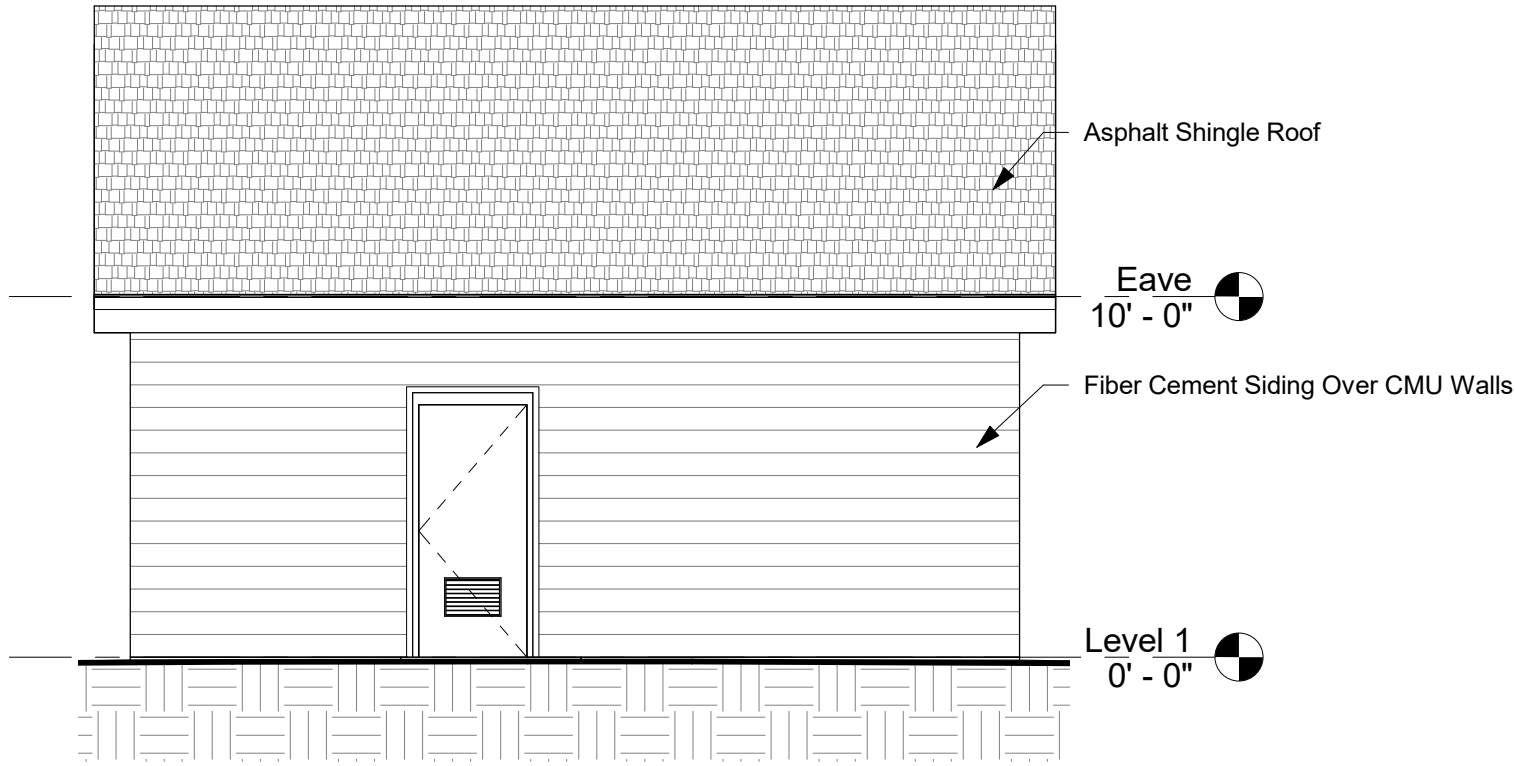
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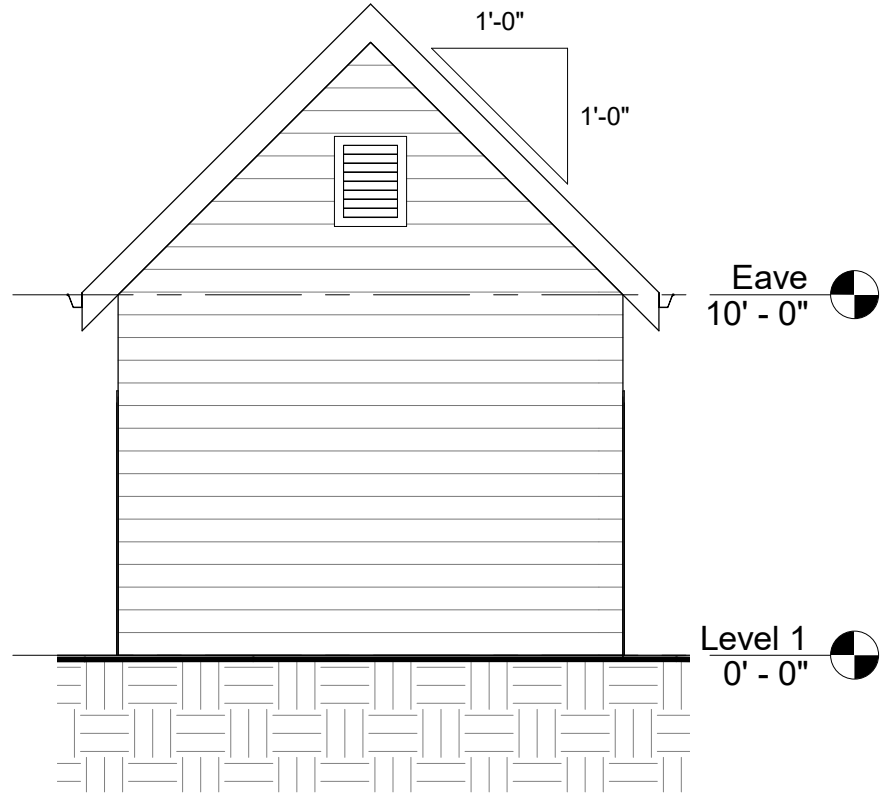
N:\Projects\PublicWorks\Vernon\2312939_Vernon_NLT Trail Design\Drawings\Restroom\Vernon Trail Commons Restroom_2312939.rvt
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1 Front Exterior Elevation
3/16" = 1'-0"



2 Rear Exterior Elevation
3/16" = 1'-0"



3 Side Exterior Elevation
3/16" = 1'-0"

PRELIMINARY
NOT FOR CONSTRUCTION