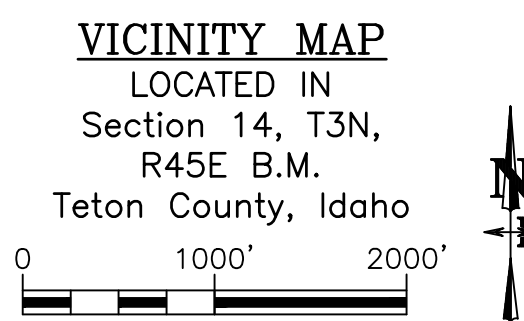


IMPROVEMENT PLANS
FOR
DAYLILY SUBDIVISION
TETON COUNTY, IDAHO
APRIL 2024
NELSON JOB NO. 23-282-02

PREPARED BY
NELSON ENGINEERING
VICTOR, IDAHO

OWNER
500 WEST VICTOR, LLC

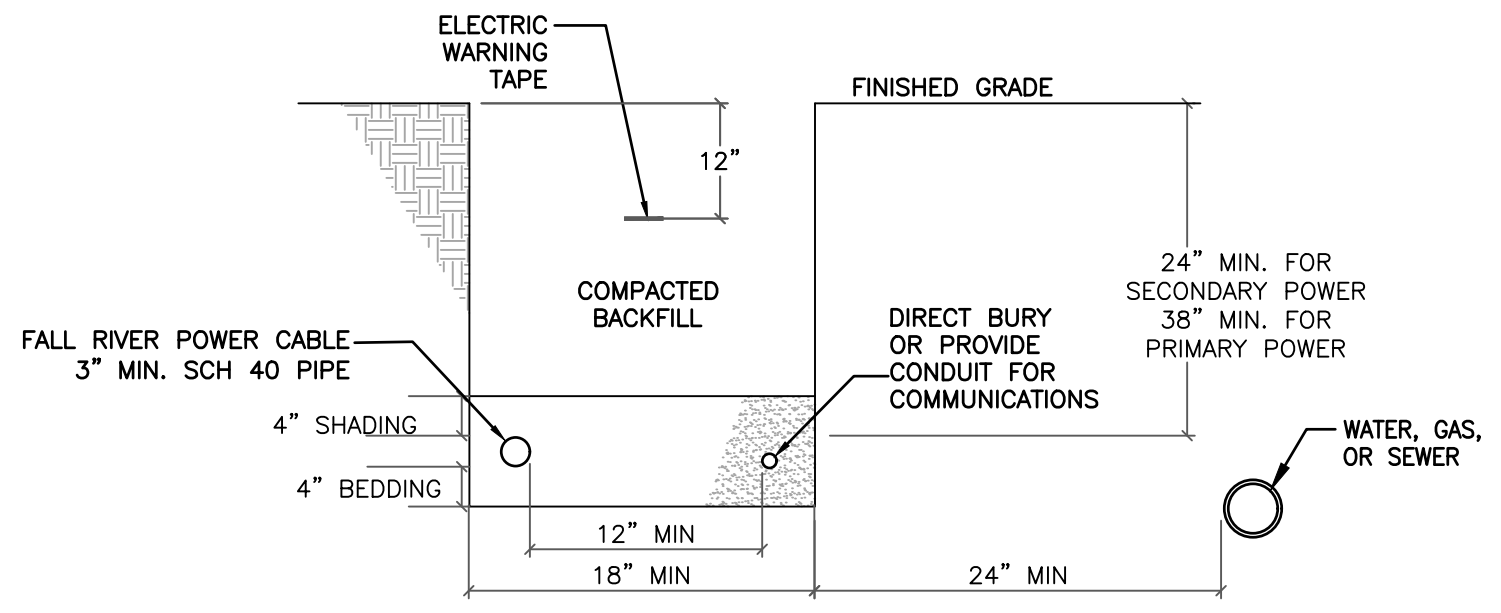
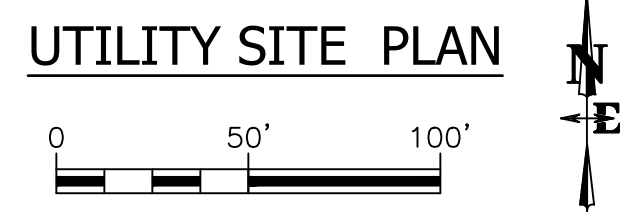
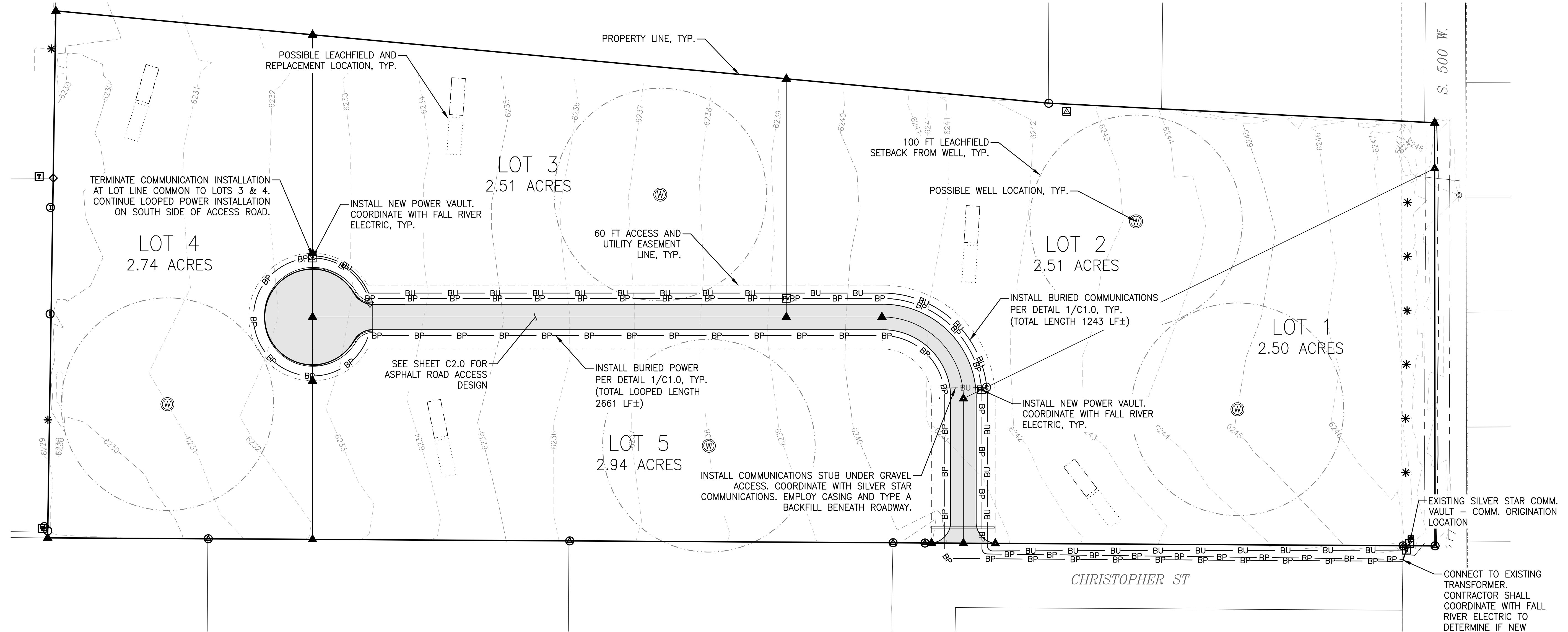


Sheet No.	Sheet Title
C1.0	SITE UTILITY PLAN
C2.0	ACCESS ROAD PLAN AND PROFILE
C2.1	ACCESS ROAD SECTIONS & DETAILS



CONTRACTOR NOTE:

CAUTION: UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES (WHETHER FUNCTIONAL OR ABANDONED) WITHIN THE PROJECT AREA ARE SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL CONTACT DIGLINE, INC. A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION TO ACQUIRE LOCATES FOR ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PROPERLY LOCATED UTILITIES RESULTING FROM CONTRACTORS WORK.



WHEN ELECTRICAL CONDUCTORS CROSS OVER OR UNDER WATER AND/OR SEWER PIPES THERE SHALL BE A MINIMUM OF 12" VERTICAL SEPARATION. IN ADDITION, THE ELECTRICAL CONDUCTORS SHALL BE PROTECTED WITH NOT LESS THAN 48" OF SUITABLE PVC OR RIGID STEEL CONDUIT WITH NO LESS THAN 24" ON EITHER SIDE OF THE CROSSING.

CONSUMER INSTALLED CONDUIT MUST BE INSPECTED PRIOR TO BACKFILLING. IF NOT INSPECTED, TRENCH MAY BE REJECTED.

ALL TRENCHES ARE TO BE INSPECTED PRIOR TO BACKFILLING.

BEDDING AND SHADING MATERIAL MUST BE SMOOTH, FREE OF ROCKS, AND MUST BE ABLE TO SIFT THROUGH A 1/4" SCREEN.

FALL RIVER ELECTRIC WILL NOT INSTALL ELECTRICAL CONDUCTORS IN A COMMON TRENCH WITH NON ELECTRIC UTILITIES SUCH AS WATER, GAS, AND SEWER

LEGEND

---	6200	INDEX CONTOUR EXISTING (5' INTERVAL)
---	6201	INTERMEDIATE CONTOUR EXISTING (1' INTERVAL)
---		PROPERTY BOUNDARY
---		EASEMENT
—BU—	BU	BURIED UTILITIES (COMMUNICATIONS)
—BP—	BP	BURIED POWER (PROPOSED)
---		POTENTIAL LEACHFIELD LOCATION
---		POTENTIAL REPLACEMENT LEACHFIELD LOCATION
---		100' LEACHFIELD SETBACK TO WELL
⊙		POTENTIAL WATER WELL LOCATION
⊞		POWER VAULT
⊕		COMMUNICATIONS VAULT
⊠		EXISTING TRANSFORMER
⊡		EXISTING UTILITY VAULT
⊞		EXISTING FIBER OPTIC VAULT

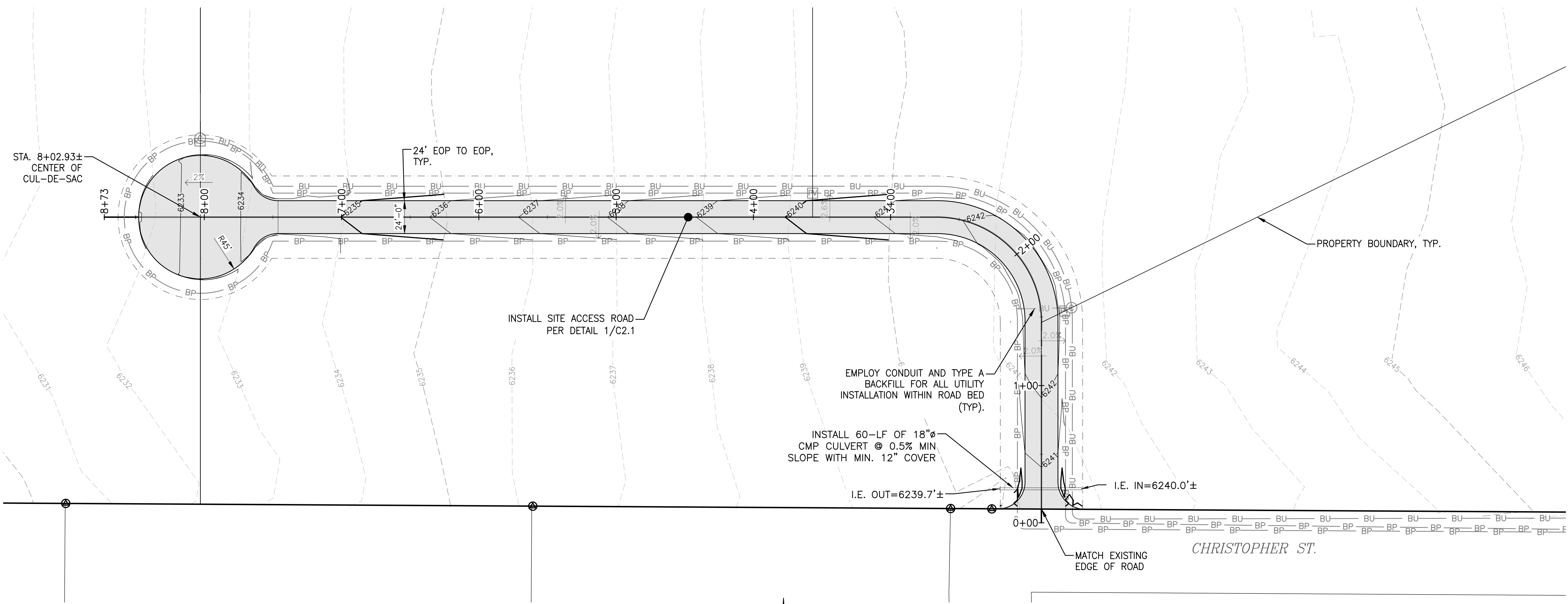
RESIDENTIAL WASTEWATER SYSTEMS MUST EXCEED THE FOLLOWING MINIMUM ISOLATION DISTANCES (IN FEET):

FROM	TO SEPTIC TANK OR EQUIVALENT	TO ABSORPTION SYSTEM
PRIVATE WELLS (INCLUDING NEIGHBORING WELLS)	50'	100'
PROPERTY LINES	5'	5'
BUILDING FOUNDATIONS (W/SLABS/CRAWL)	5'	10'
BUILDING FOUNDATIONS (W/ BASEMENT)	5'	20'
PRIVATE POTABLE WATER PIPES	10'	25'
SEPTIC TANKS	—	6'
STREAM OR SURFACE BODY OF WATER (TEMP SURFACE WATER/IRR DITCH)	25'	VARIABLE (SEE NOTE 1)
STREAM OR SURFACE BODY OF WATER (PERMANENT/INTERMITTENT)	50'	VARIABLE (SEE NOTE 2)

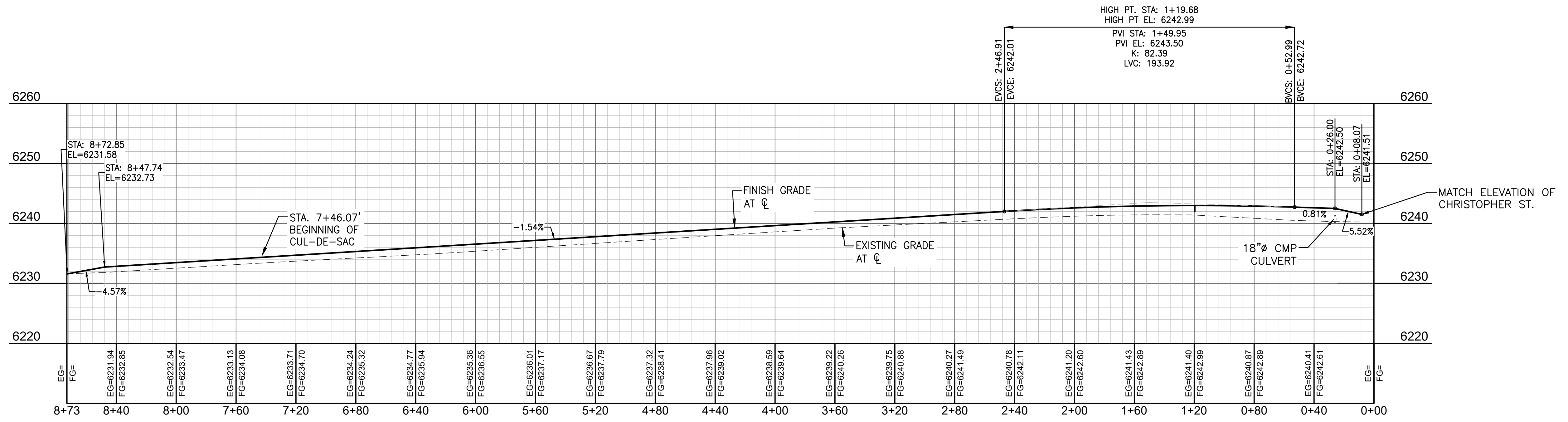
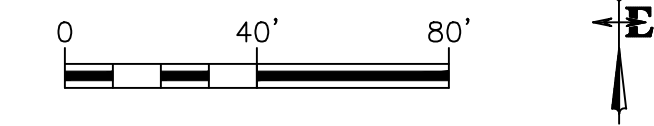
1 FALL RIVER ELECTRIC TRENCH DETAIL
C1.0 Scale: N.T.S.

DRAWING NO C1.0	JOB TITLE 500 WEST VICTOR, LLC DAILY SUBDIVISION TETON COUNTY, ID	DRAWING TITLE SITE UTILITY PLAN	DATE	REV.
			SURVEYED	NE
			ENGINEERED	BO
			DRAWN	AE/BO
			CHECKED	BO
			APPROVED	BO

NELSON ENGINEERING
P.O. BOX 1599, JACKSON WYOMING (307) 733-2087



ACCESS ROAD PLAN VIEW

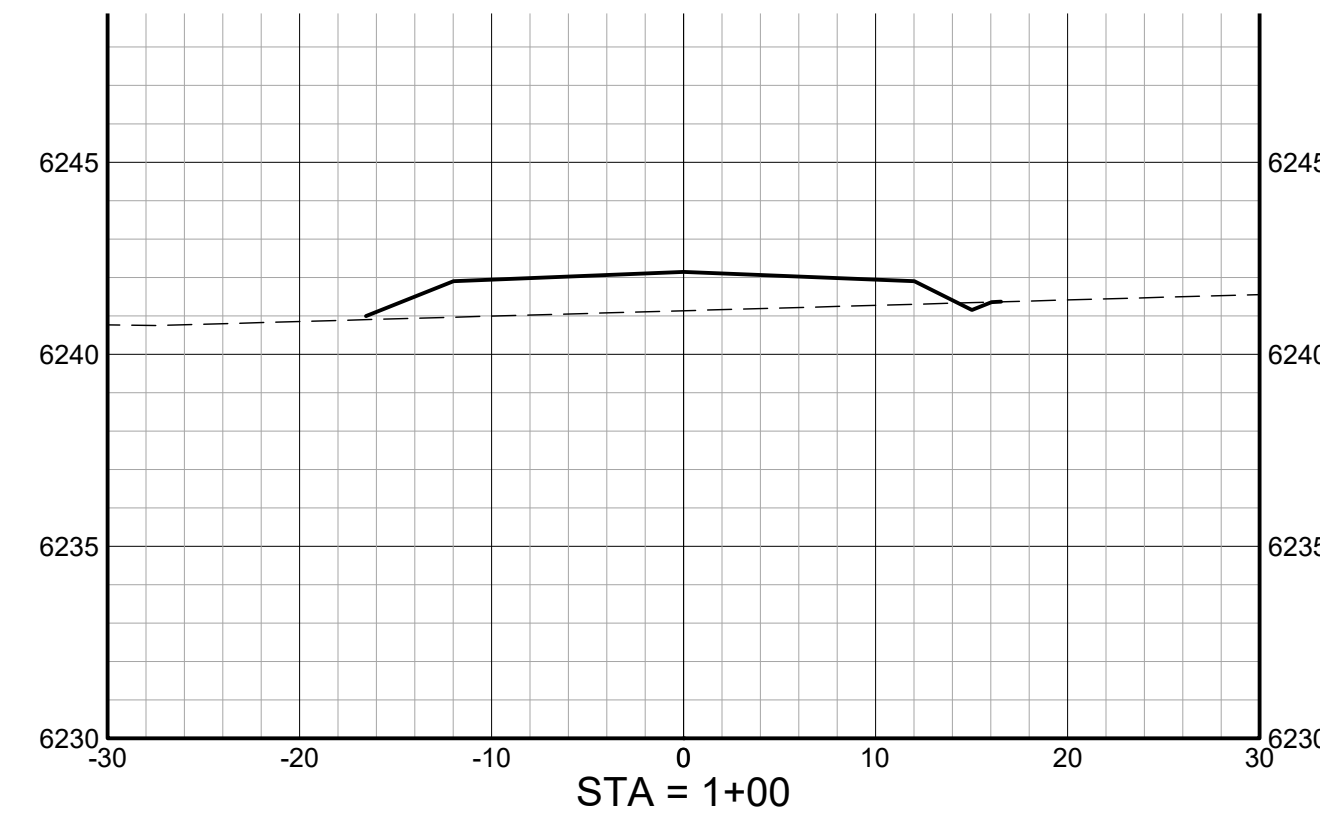


ACCESS ROAD PROFILE VIEW

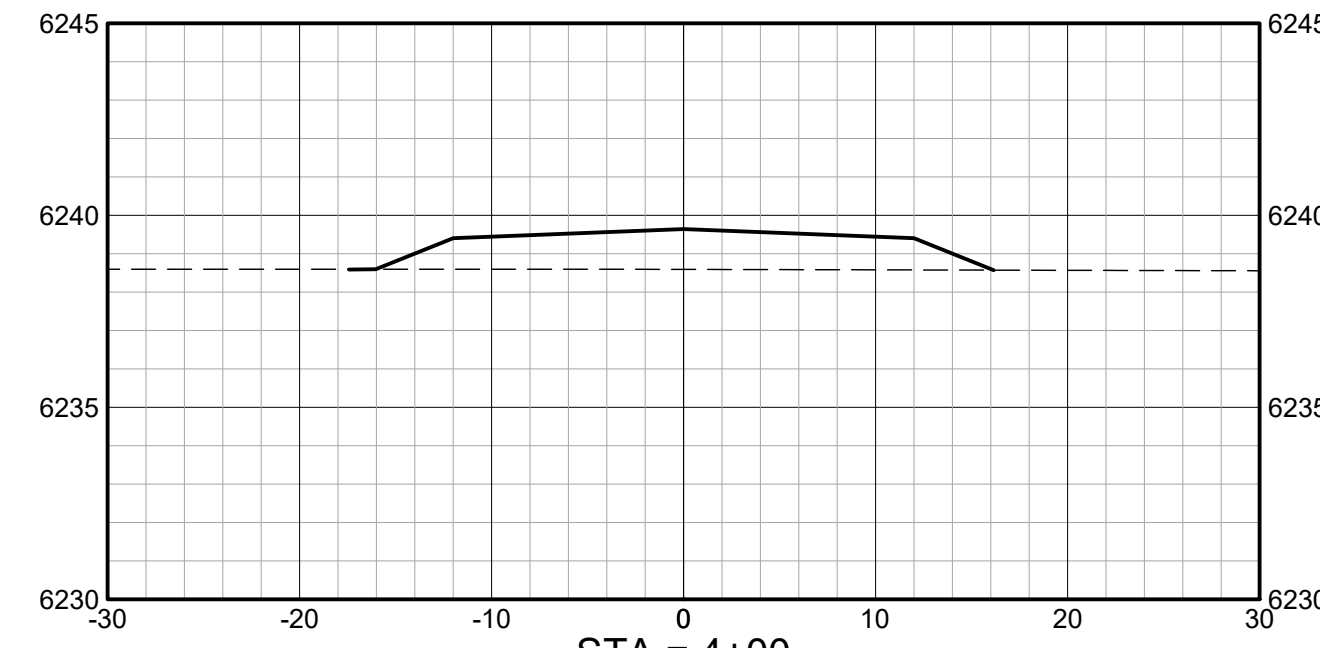
SCALES:
1"=60' HOR.
1"=10' VER.

DRAWING NO C2.0	JOB NO 23-282-02	JOB TITLE 500 WEST VICTOR, LLC DAYLILY SUBDIVISION TETON COUNTY, ID	DRAWING TITLE ACCESS ROAD PLAN AND PROFILE	DATE	8 APR 2024	REV.	
				SURVEYED	NE		
				ENGINEERED	BO		
				DRAWN	AE/BO		
				CHECKED	BO		
				APPROVED	BO		

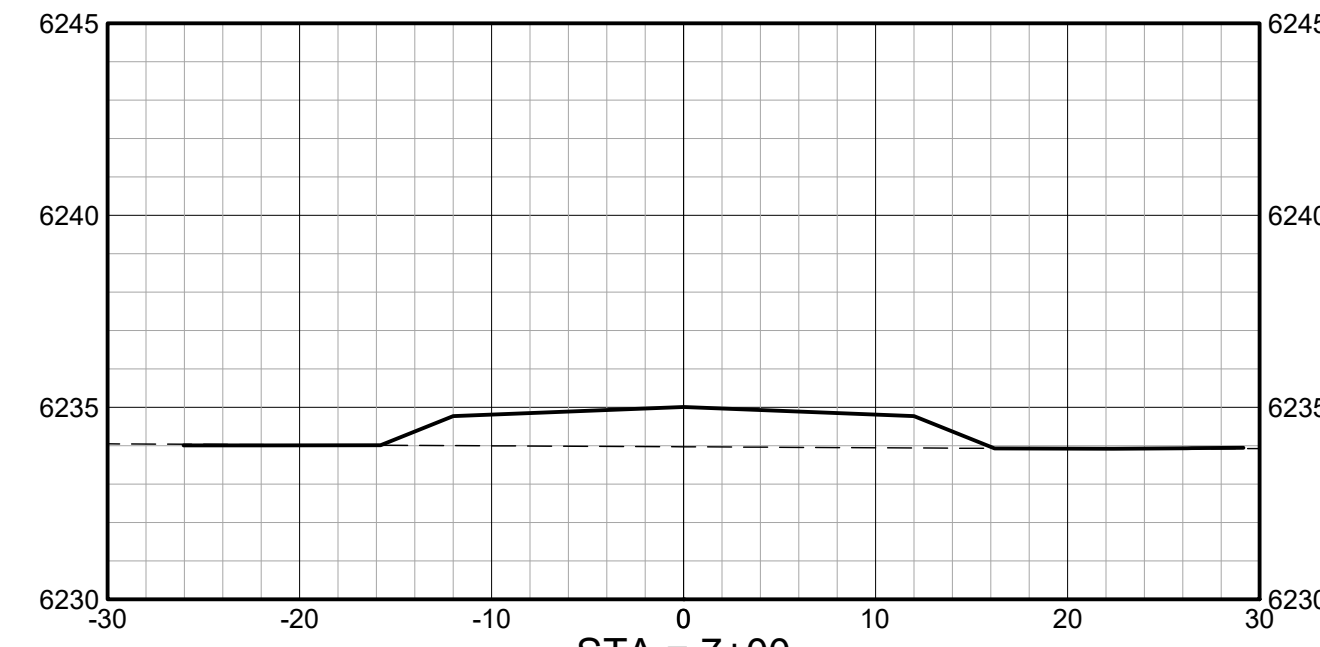
**NELSON
ENGINEERING**
P.O. BOX 1599, JACKSON WYOMING (307) 733-2087



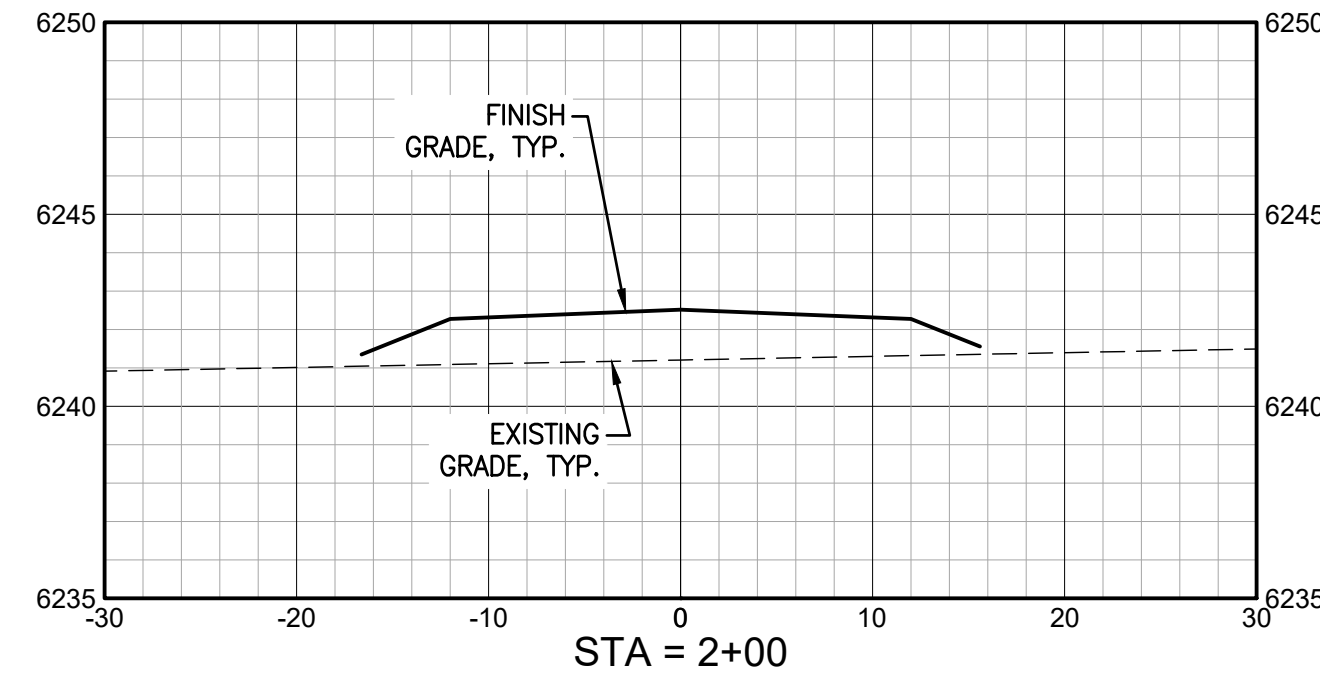
STA = 1+00



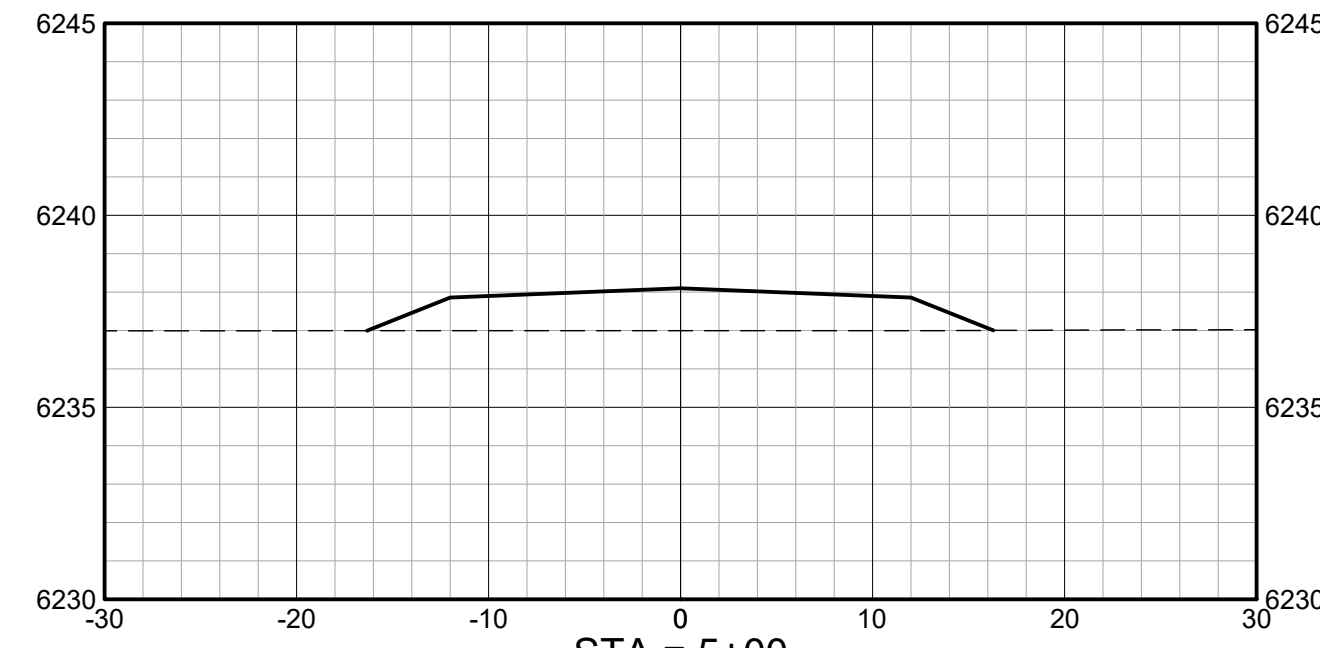
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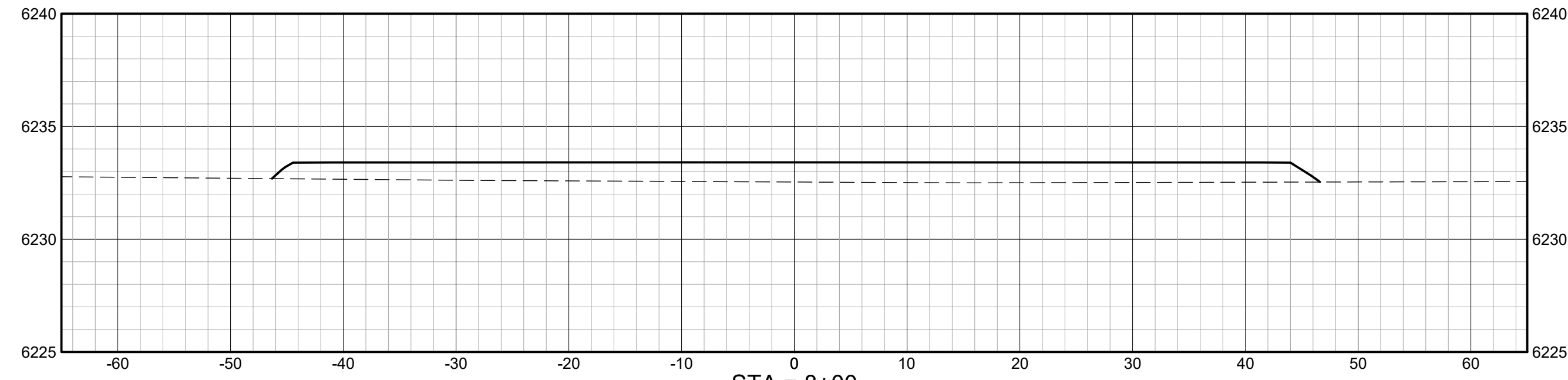
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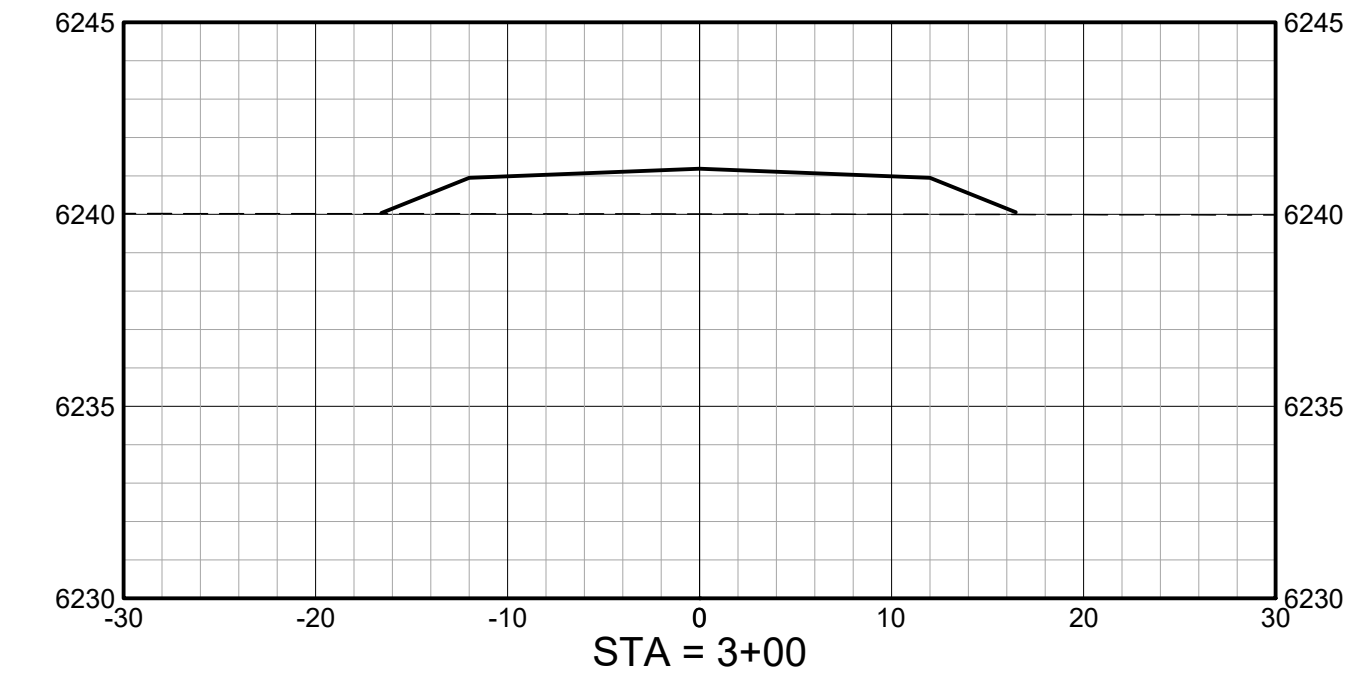
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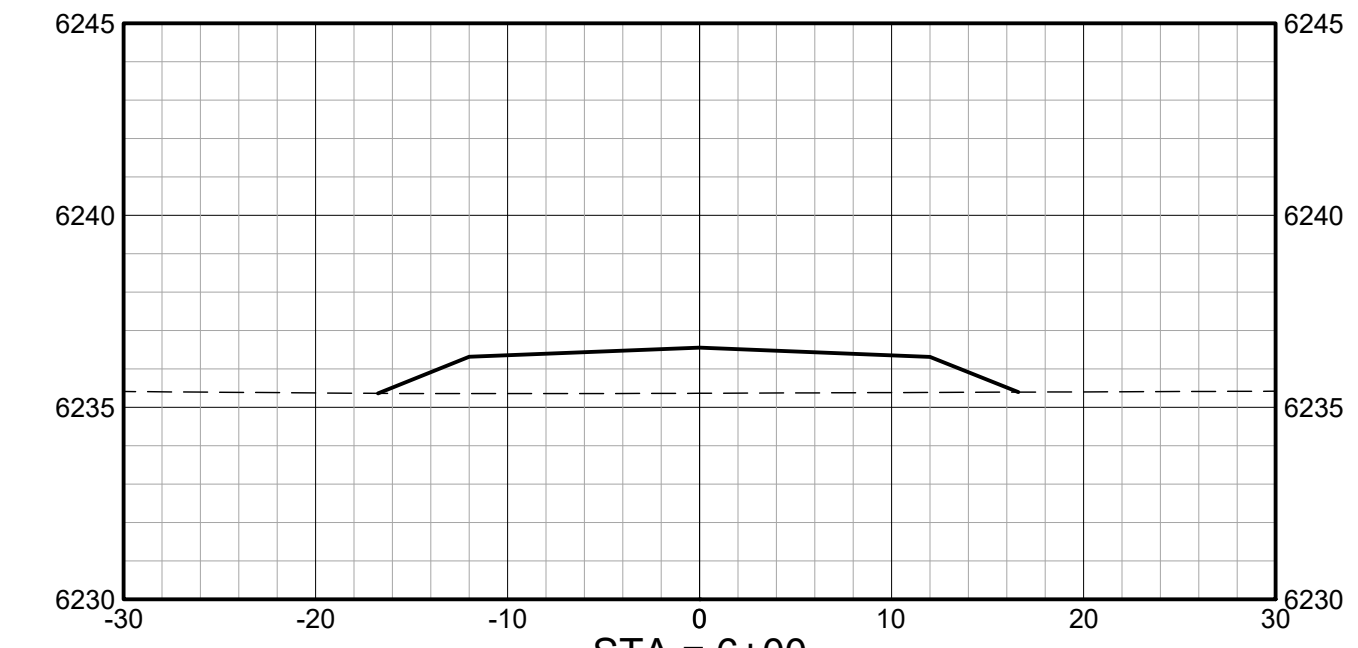
STA = 5+00



STA = 8+00



STA = 3+00

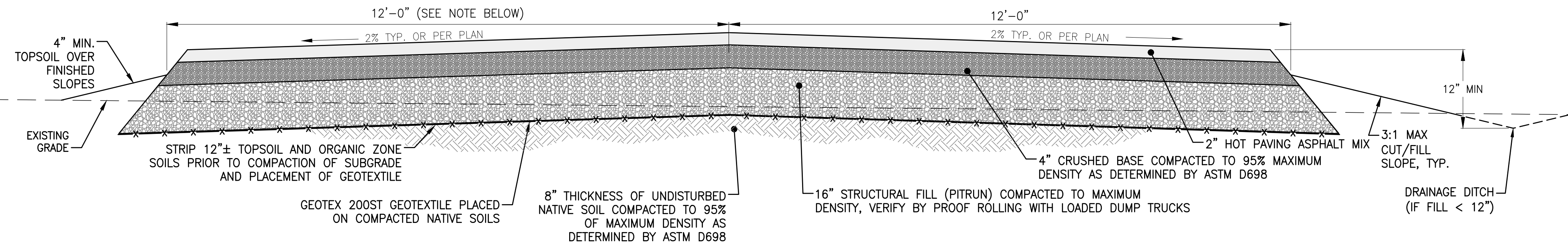


STA = 6+00

NOTE:
ROAD SECTION TRANSITIONS FROM CROWN ILLUSTRATED IN DETAIL 1/C2.1
TO 2% WESTWARD SLOPE BETWEEN STA. 6+93± AND STA. 7+27±

SITE ACCESS ROAD CROSS SECTIONS

SCALE: (H) 1"=10' (V) 1"=5'



- NOTE:
1. MINIMUM REQUIRED ROAD WIDTH
 - A. EFFECTIVE ROAD DESIGN WIDTH SHOWN = 24', PER SECTION 2.1.1 OF TETON COUNTY FIRE PROTECTION RESOLUTION.
 - B. MINIMUM ROAD WIDTH REQUIRED PER TABLE 7 AND FIGURE 7 OF TETON COUNTY HIGHWAY AND STREET GUIDELINES = 22'.
 - C. EFFECTIVE ROAD WIDTH SHALL BE REDUCED TO 22' TOTAL UPON APPROVAL FROM TETON COUNT ENGINEERING DEPARTMENT.

SOILS INVESTIGATIONS AND TRAFFIC LOADING STUDIES WERE NOT PART OF NELSON ENGINEERING'S SCOPE OF SERVICES FOR THIS PROJECT. SECTIONS GIVEN HERE ARE TYPICAL OF SECTIONS REQUIRED FOR SOIL CONDITIONS IN SIMILAR LOCATIONS TO THIS PROJECT. PLEASE NOTE, SECTIONS SHOWN MAY NOT BE APPROPRIATE FOR ACTUAL SUBGRADE CONDITIONS AND DRIVEWAY TRAFFIC LOADING.

1 ASPHALT ROAD ACCESS SECTION

SCALE: N.T.S.

DATE	SURVEYED	ENGINEERED	DRAWN	CHECKED	APPROVED
8 APR 2024	NE	BO	AE/BO	BO	BO

NELSON ENGINEERING
P.O. BOX 1599, JACKSON WYOMING (307) 733-2087

DRAWING TITLE
ACCESS ROAD SECTIONS & DETAILS

JOB TITLE
500 WEST VICTOR, LLC
DAYLILY SUBDIVISION
TETON COUNTY, ID

DRAWING NO
C2.1
JOB NO
23-282-02