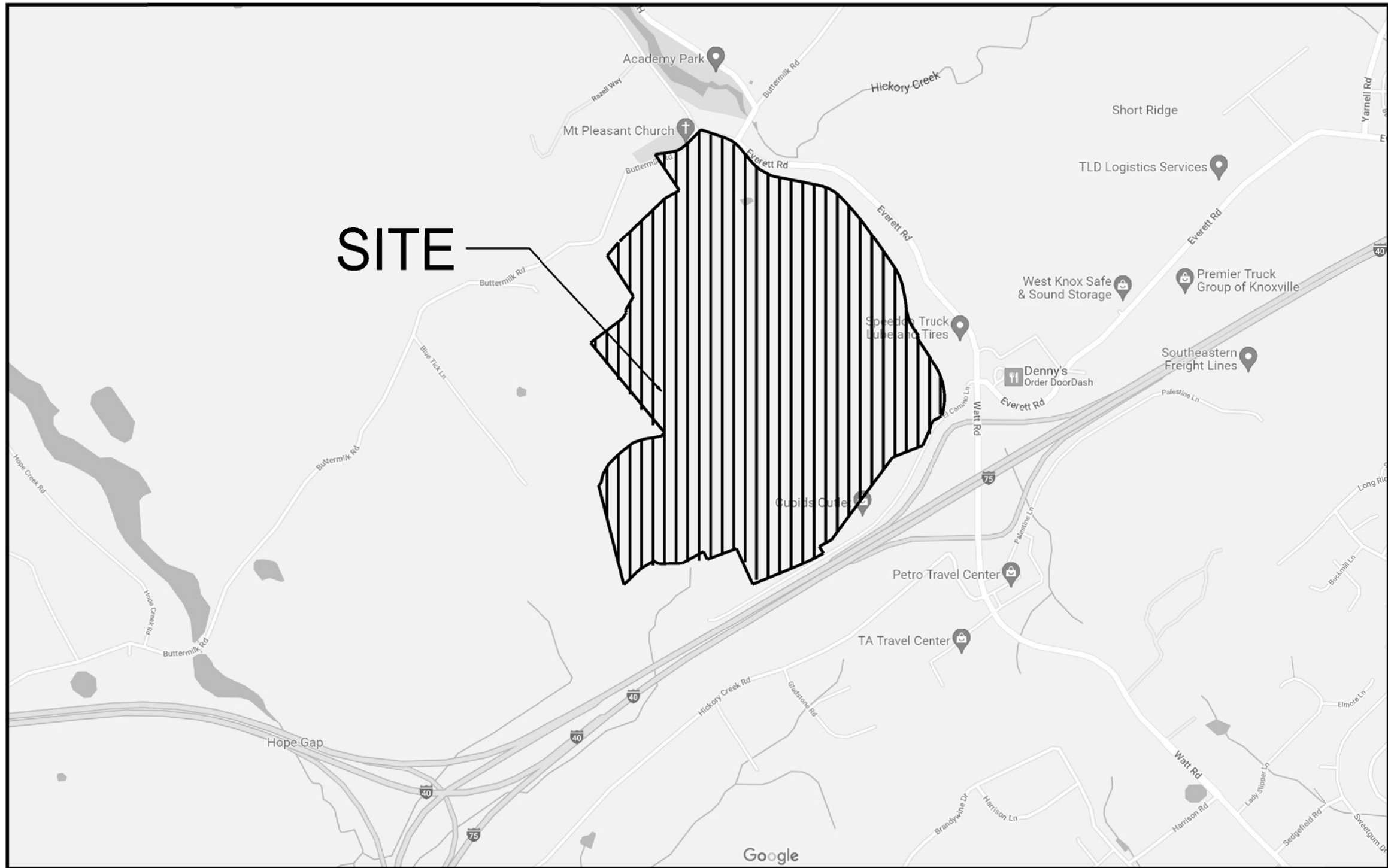


CONCEPT PLAN

PROSPERITY CROSSING

KNOX COUNTY, TENNESSEE

12-SE-21-C
11/22/2021



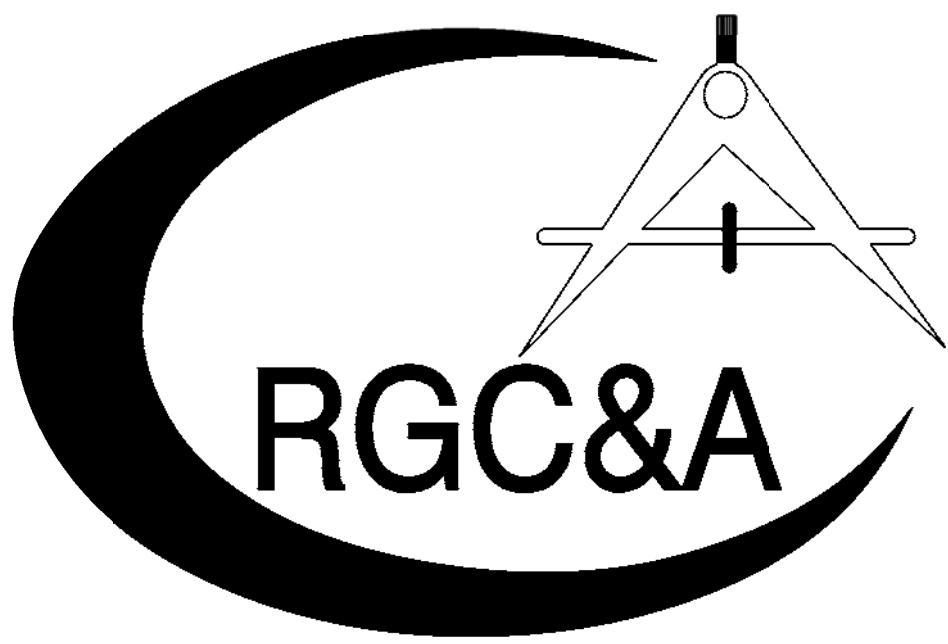
LOCATION MAP

APPLICANT:
MADDOX PROPERTY MANAGEMENT AND SALES
100 DALTON PLACE WAY
SUITE 105
KNOXVILLE, TN 37912
CONTACT: STEVE MADDOX
PHONE: (865) 971-1975

ENGINEER:
ROBERT G. CAMPBELL & ASSOCIATES
7523 TAGGART LANE
KNOXVILLE, TN 37938
CONTACT: JASON SIVERLING
PHONE: (865) 947-5996
EMAIL: JASONS@RGC-A.COM

Certification of Concept Plan.
I hereby certify that I am a registered engineer, licensed to practice engineering under the laws of the State of Tennessee. I further certify that the plan and accompanying drawings, documents and statements conform to all applicable provisions of the Knoxville-Knox County Subdivision Regulations except as has been itemized and described in a report filed with the Metropolitan Planning Commission.

Registered Engineer *Jason P. Siverling*
Tennessee Certificate No. 109034

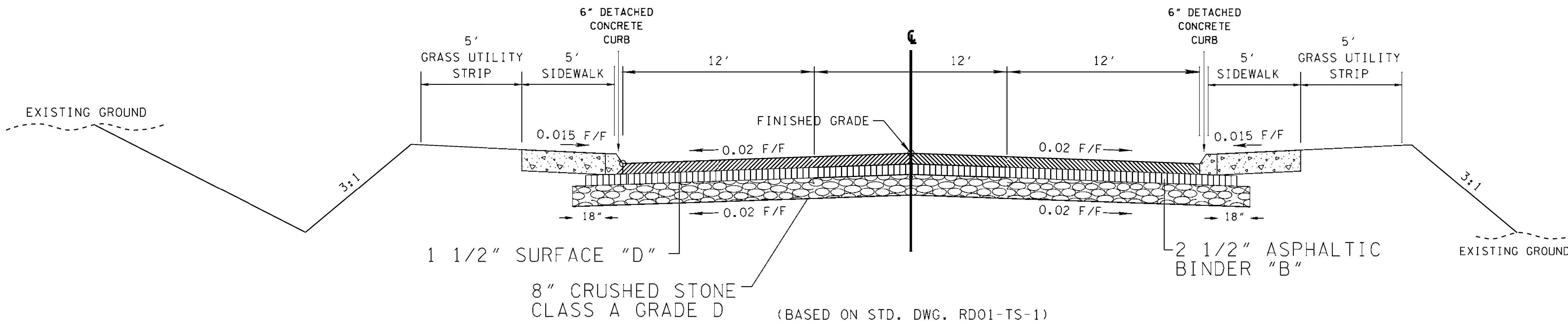


ROBERT G. CAMPBELL & ASSOCIATES , L.P.
CONSULTING ENGINEERS
KNOXVILLE , TENNESSEE



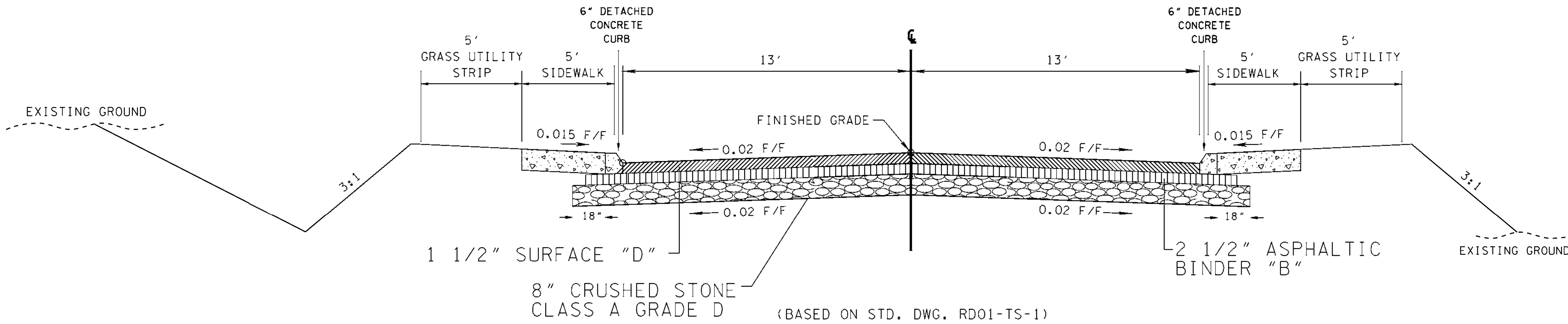
KNOXVILLE / KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C

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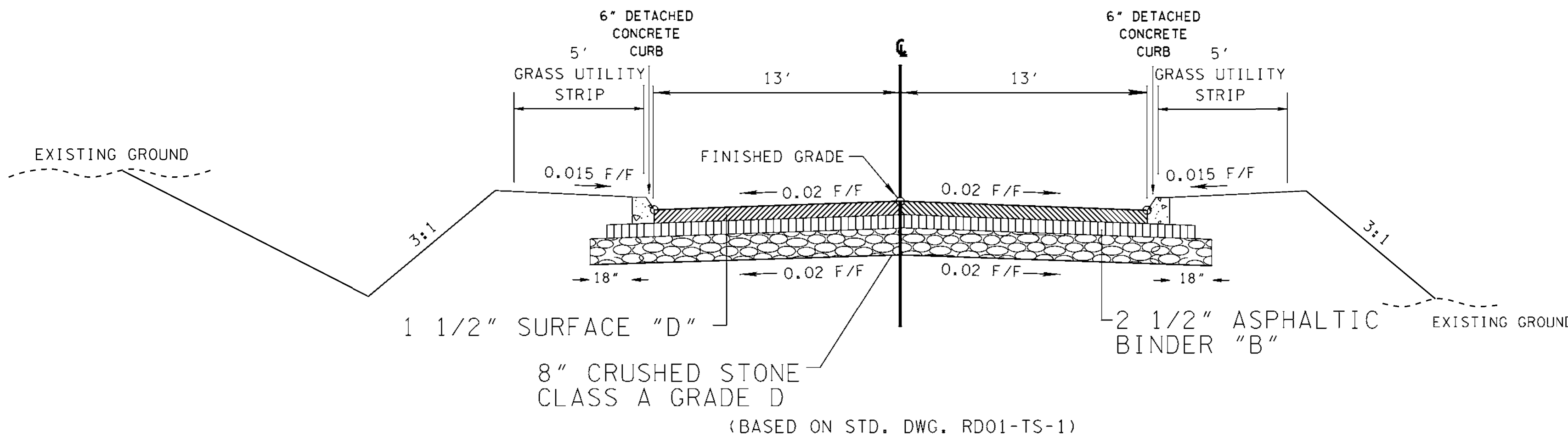
ROAD 'A' TYPICAL SECTION

STA. 10+00.00 TO 47+43.40



ROAD 'B' TYPICAL SECTION

STA. 50+00.00 TO 66+79.22

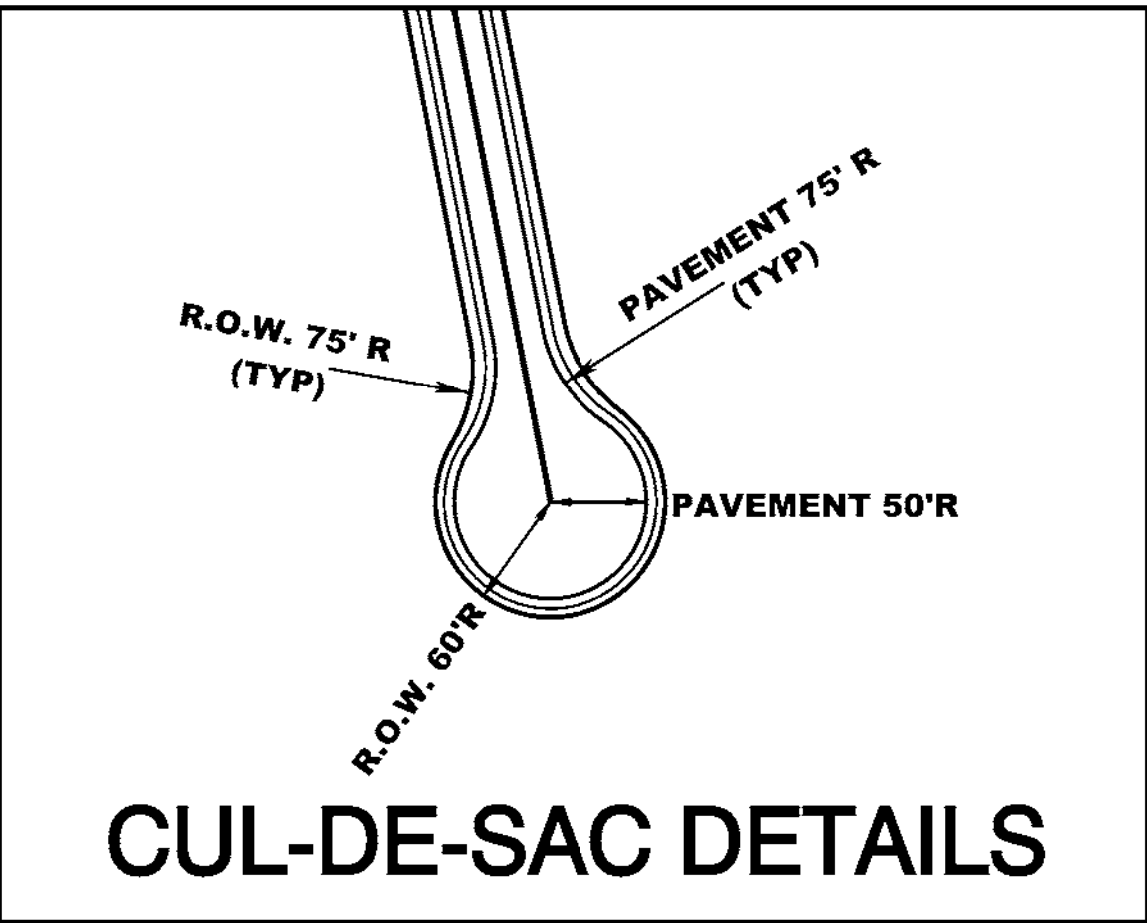


ROAD 'C' TYPICAL SECTION

STA. 70+00.00 TO 79+82.81

NOTE: BORROW MATERIALS TO BE USED FOR FILL SHALL BE TESTED FOR MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT (STANDARD PROCTOR ASTM D698) PRIOR TO PLACEMENT OF FILL.

FILL SOILS SHALL BE COMPACTED IN LAYERS 8 INCHES OR LESS IN THICKNESS TO A MINIMUM OF 98 PERCENT STANDARD PROCTOR MAXIMUM DRY DENSITY AND WITHIN PLUS OR MINUS 3 PERCENT OPTIMUM MOISTURE CONTENT. NO LESS THAN SIX (6) DENSITY TESTS SHALL BE PERFORMED IN EVERY 10,000 SQUARE FEET OF AREA PER 8 INCH LIFT. (APPROX. 1 TEST PER EVERY 50 SQ. FT.)



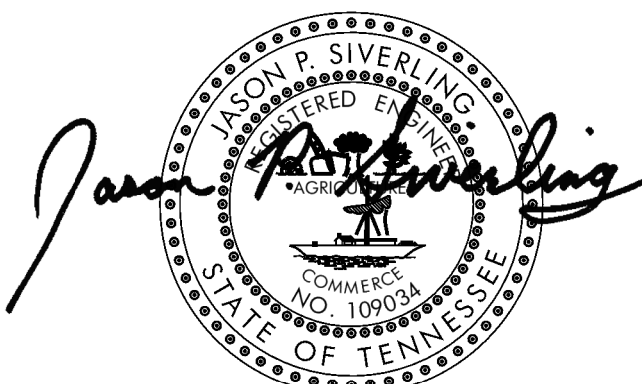
NOTES:

1) EXISTING AND PROPOSED CONTOUR INTERVAL: 10 FEET

2) THE PURPOSE OF THIS CONCEPT PLAN IS TO ESTABLISH A PUBLIC ROAD NETWORK FOR FUTURE LOT SUBDIVISION.

3) TEMPORARY TURNAROUNDS TO BE PROVIDED ON ROADS 'B' AND 'C' AT THE LOUDON COUNTY LINE. TURNAROUNDS TO BE REMOVED BASED ON THE LOUDON COUNTY PLANNING COMMISSION'S ACCEPTANCE OF THE PROPOSED ROADWAYS THAT LIE WITHIN LOUDON COUNTY.

4) FINAL DESIGN PLANS WILL MEET ALL OF THE APPLICABLE COMMENTS THAT WERE PROVIDED BY KNOX COUNTY FIRE PREVENTION.



11/22/2021

KNOXVILLE / KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C

DESIGNED BY RGC	CHECKED BY GG	SCALE N.T.S.	SHEET TWO NO. 2
DRAWN BY JPS	DATE 10/21/21	FILE NO. 21242	

TYPICAL SECTIONS

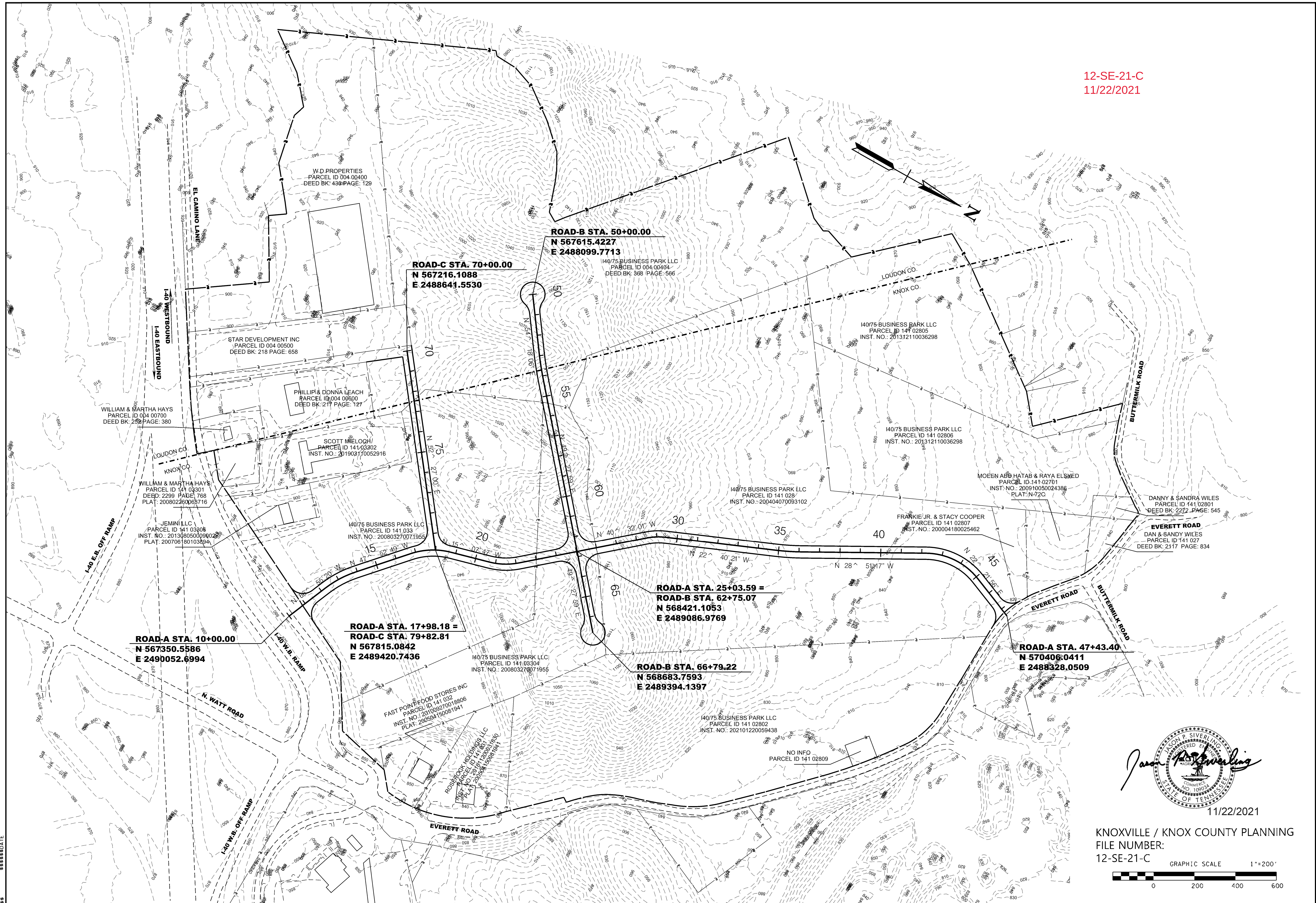
PROSPERITY CROSSING
CONEPT PLAN

ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE



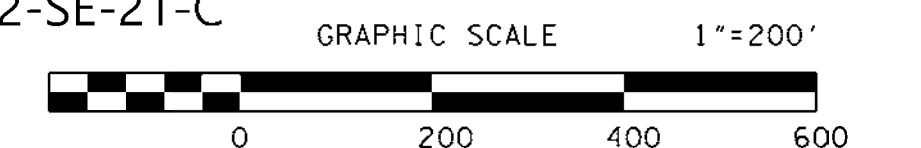
NO.	DATE	DESCRIPTION	BY	CKD.
		REVISIONS		

12-SE-21-C
11/22/2021



JACOB P. SIVERLING
REGISTERED ENGINEER
NO. 10567
STATE OF TENNESSEE
11/22/2021

KNOXVILLE / KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C



NO.	DATE	DESCRIPTION	BY	CKD.
REVISIONS				



ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

PROSPERITY CROSSING
CONEPT PLAN

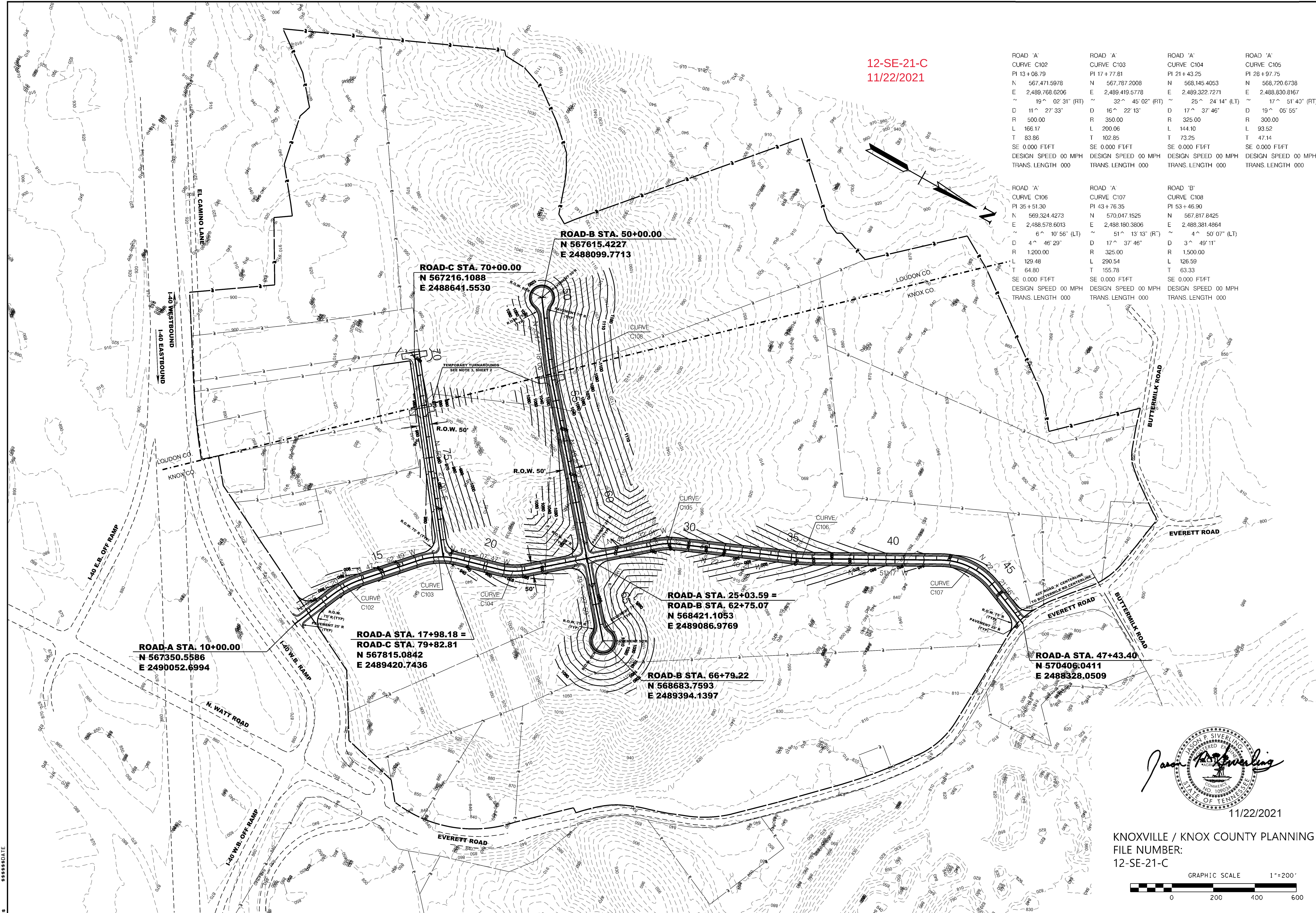
EXISTING CONDITIONS

DESIGNED BY RGC	CHECKED BY GG	SCALE 1" = 200'	SHEET THREE NO. 3
DRAWN BY JPS	DATE 10/21/21	FILE NO. 21242	

12-SE-21-C
11/22/2021

ROAD 'A'	ROAD 'A'	ROAD 'A'	ROAD 'A'
CURVE C102	CURVE C103	CURVE C104	CURVE C105
PI 13+08.79	PI 17+77.81	PI 21+43.25	PI 28+97.75
N 567,471.5978	N 567,787.2008	N 568,145.4053	N 568,720.6738
E 2,489,768.6206	E 2,489,419.5778	E 2,489,322.7271	E 2,488,830.8167
~ 19° 02' 31" (RT)	~ 32° 45' 02" (RT)	~ 25° 24' 14" (LT)	~ 17° 51' 43" (RT)
D 11' 27' 33"	D 16' 22' 13"	D 17' 37' 46"	D 19' 05' 55"
R 500.00	R 350.00	R 325.00	R 300.00
L 166.17	L 200.06	L 144.10	L 93.52
T 83.86	T 102.85	T 73.25	T 47.14
SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT
DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH
TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000

ROAD 'A'	ROAD 'A'	ROAD 'B'
CURVE C106	CURVE C107	CURVE C108
PI 35+51.30	PI 43+76.35	PI 53+46.90
N 569,324.4273	N 570,047.1525	N 567,817.8425
E 2,488,578.6013	E 2,488,180.3806	E 2,488,381.4864
~ 6° 10' 56" (LT)	~ 51° 13' 13" (RT)	~ 4° 50' 07" (LT)
D 4' 46' 29"	D 17' 37' 46"	D 3' 49' 11"
R 1,200.00	R 325.00	R 1,500.00
L 129.48	L 290.54	L 126.59
T 64.80	T 155.78	T 63.33
SE 0.000 FT/FT	SE 0.000 FT/FT	SE 0.000 FT/FT
DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH	DESIGN SPEED 00 MPH
TRANS. LENGTH 000	TRANS. LENGTH 000	TRANS. LENGTH 000

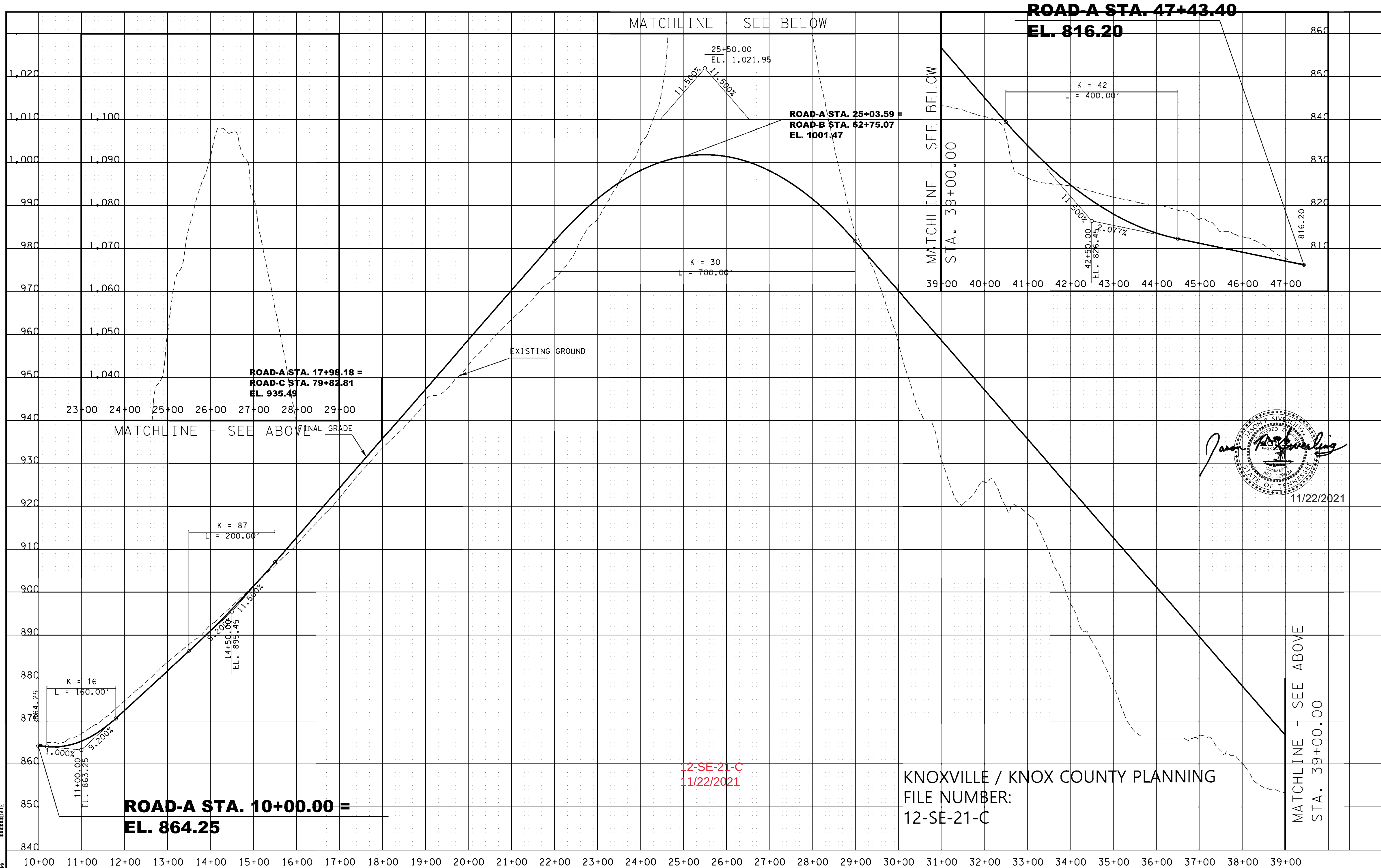


11/22/2021

KNOXVILLE / KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C

GRAPHIC SCALE 1"=200'

0 200 400 600



Jason R. Campbell
11/22/2021

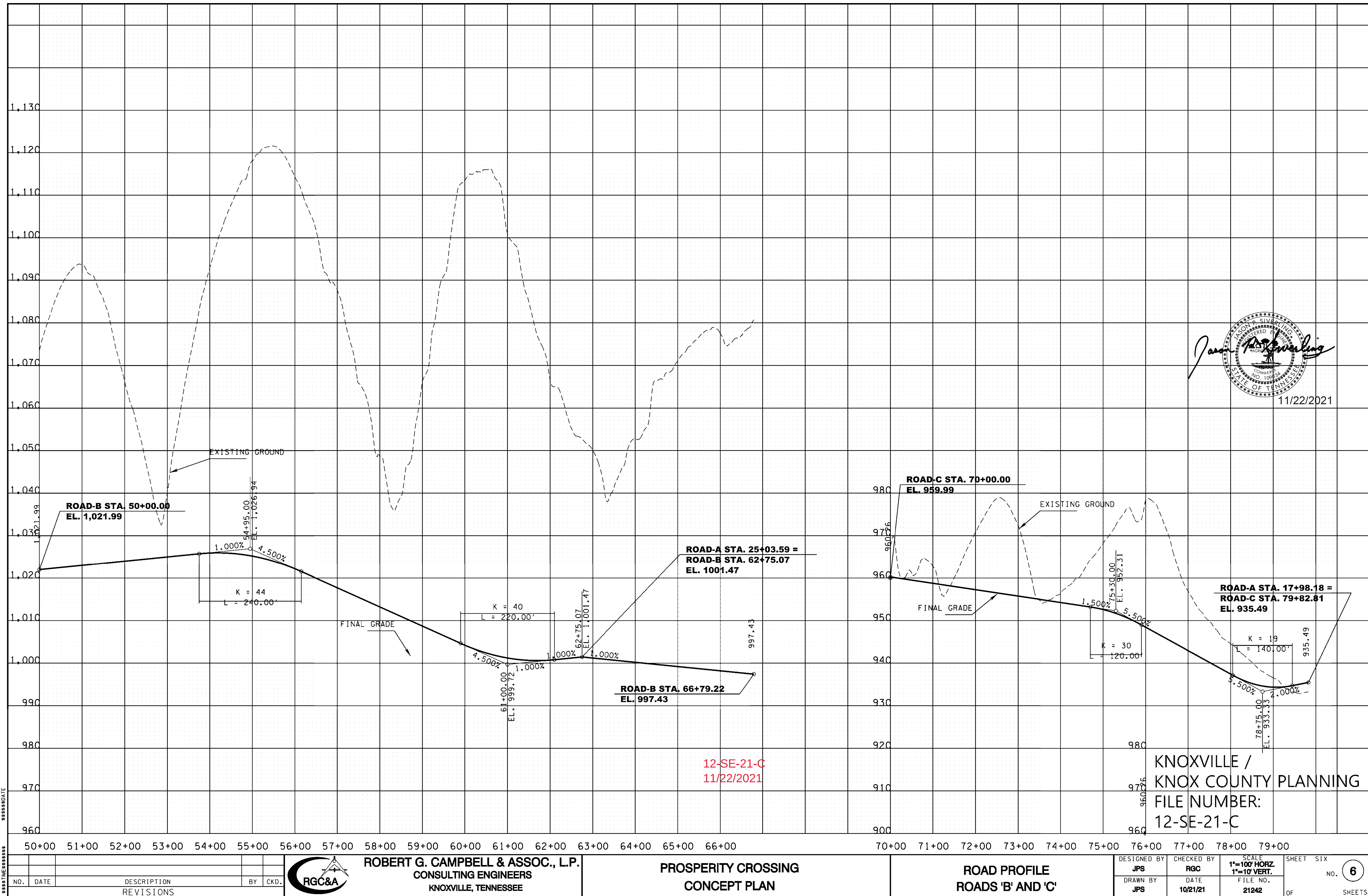
12-SE-21-C
11/22/2021

KNOXVILLE / KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C

MATCHLINE - SEE ABOVE
STA. 39+00.00

NO. DATE DESCRIPTION BY CKD.				REVISIONS	

		ROBERT G. CAMPBELL & ASSOC., L.P. CONSULTING ENGINEERS KNOXVILLE, TENNESSEE		PROSPERITY CROSSING CONCEPT PLAN		ROAD PROFILE ROAD 'A'		DESIGNED BY JPS	CHECKED BY RGC	SCALE 1"=100' HORZ. 1"=10' VERT.	SHEET FIVE NO. 5
								DRAWN BY JPS	DATE 10/21/21	FILE NO. 21242	OF SHEETS



Jason R. Campbell
JASON R. CAMPBELL
REGISTERED ENGINEER
NO. 10954
COMMERCIAL
STATE OF TENNESSEE
11/22/2021

KNOXVILLE /
KNOX COUNTY PLANNING
FILE NUMBER:
12-SE-21-C

REVISIONS
DATE
NO.

NO.	DATE	DESCRIPTION	BY	CHK.



ROBERT G. CAMPBELL & ASSOC., L.P.
CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

PROSPERITY CROSSING
CONCEPT PLAN

ROAD PROFILE
ROADS 'B' AND 'C'

DESIGNED BY JPS	CHECKED BY RGC	SCALE 1"=100' HORIZ. 1"=10' VERT.	SHEET SIX NO. 6
DRAWN BY JPS	DATE 10/21/21	FILE NO. 21242	OF SHEETS