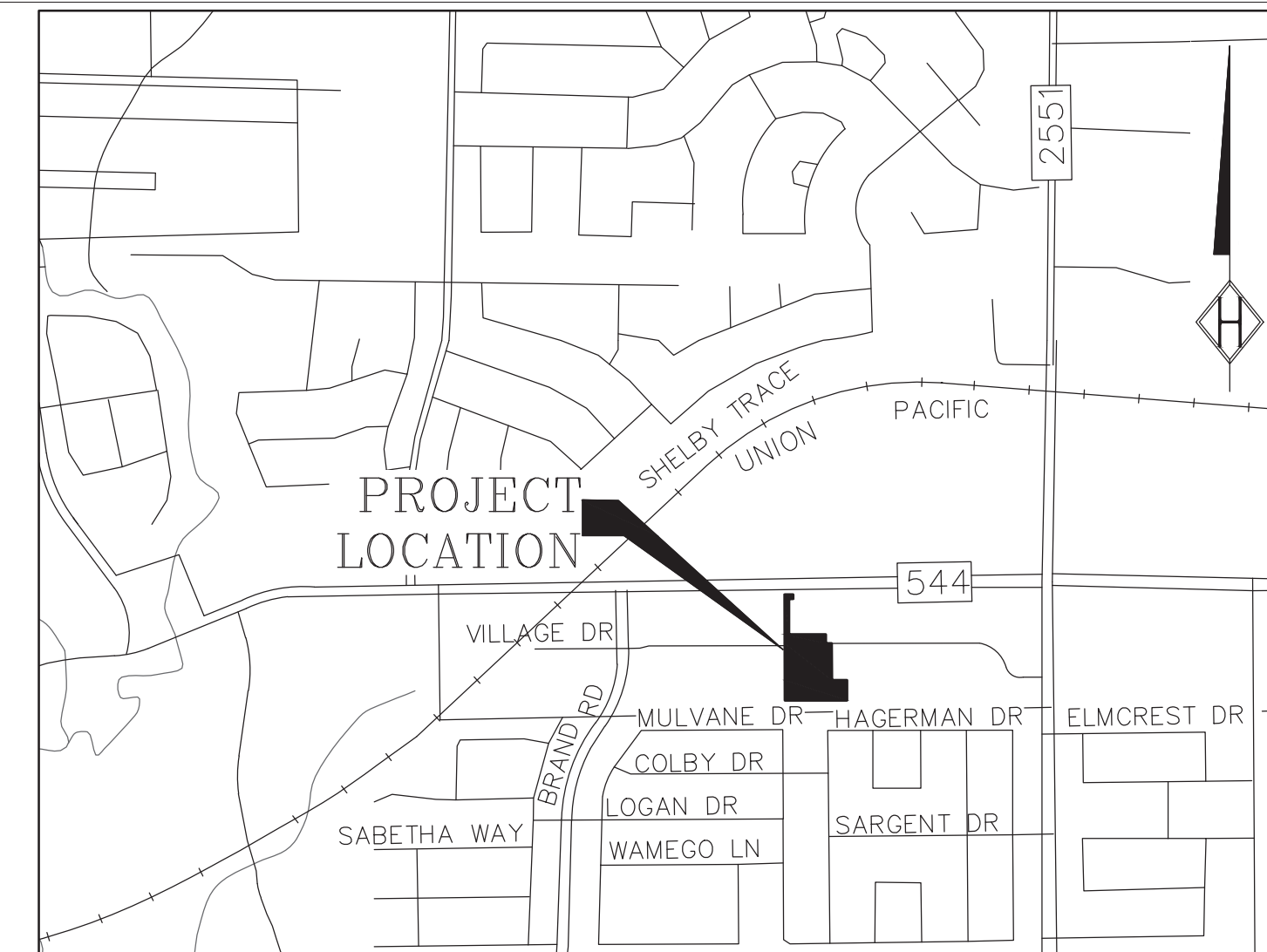
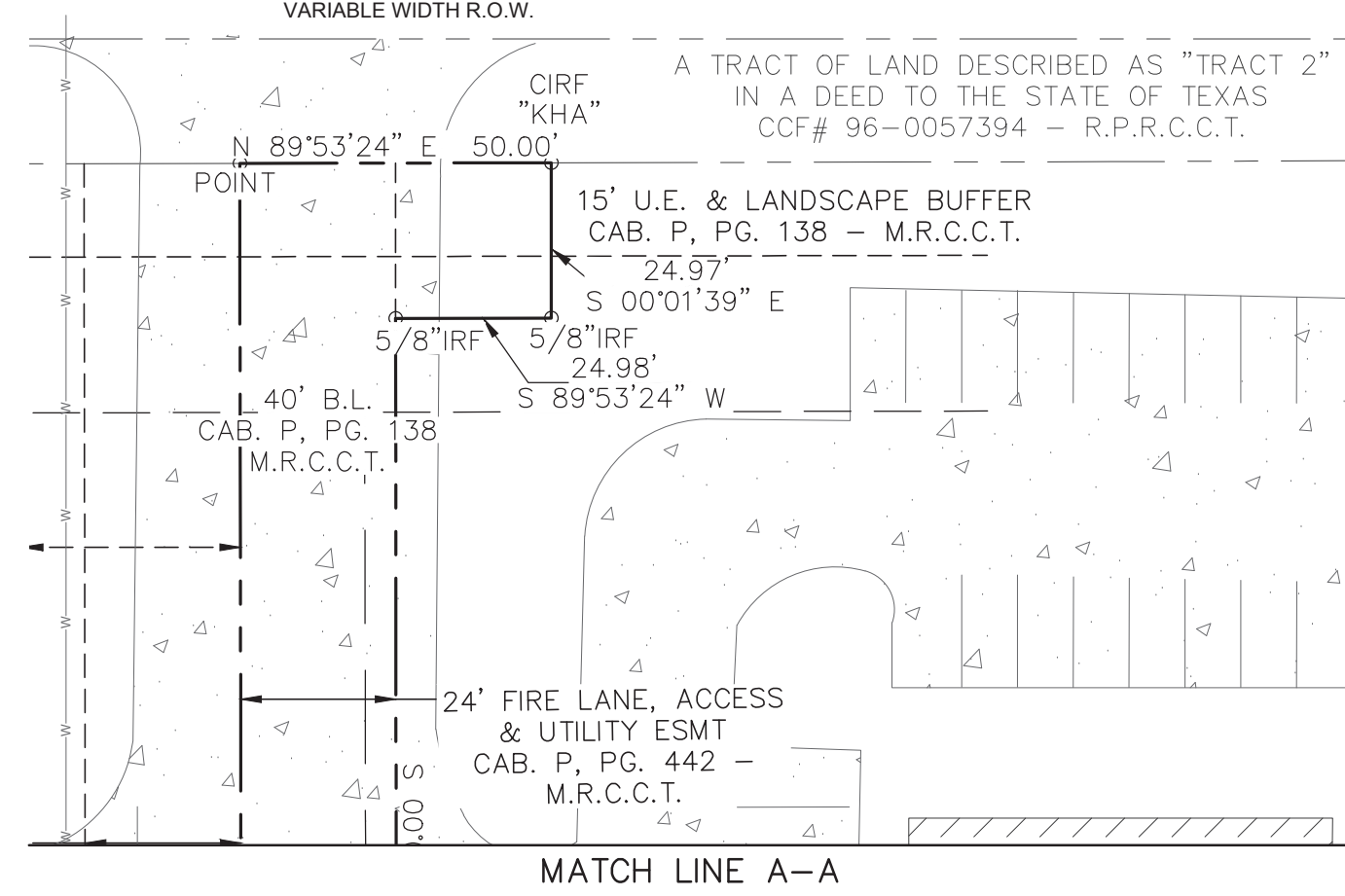


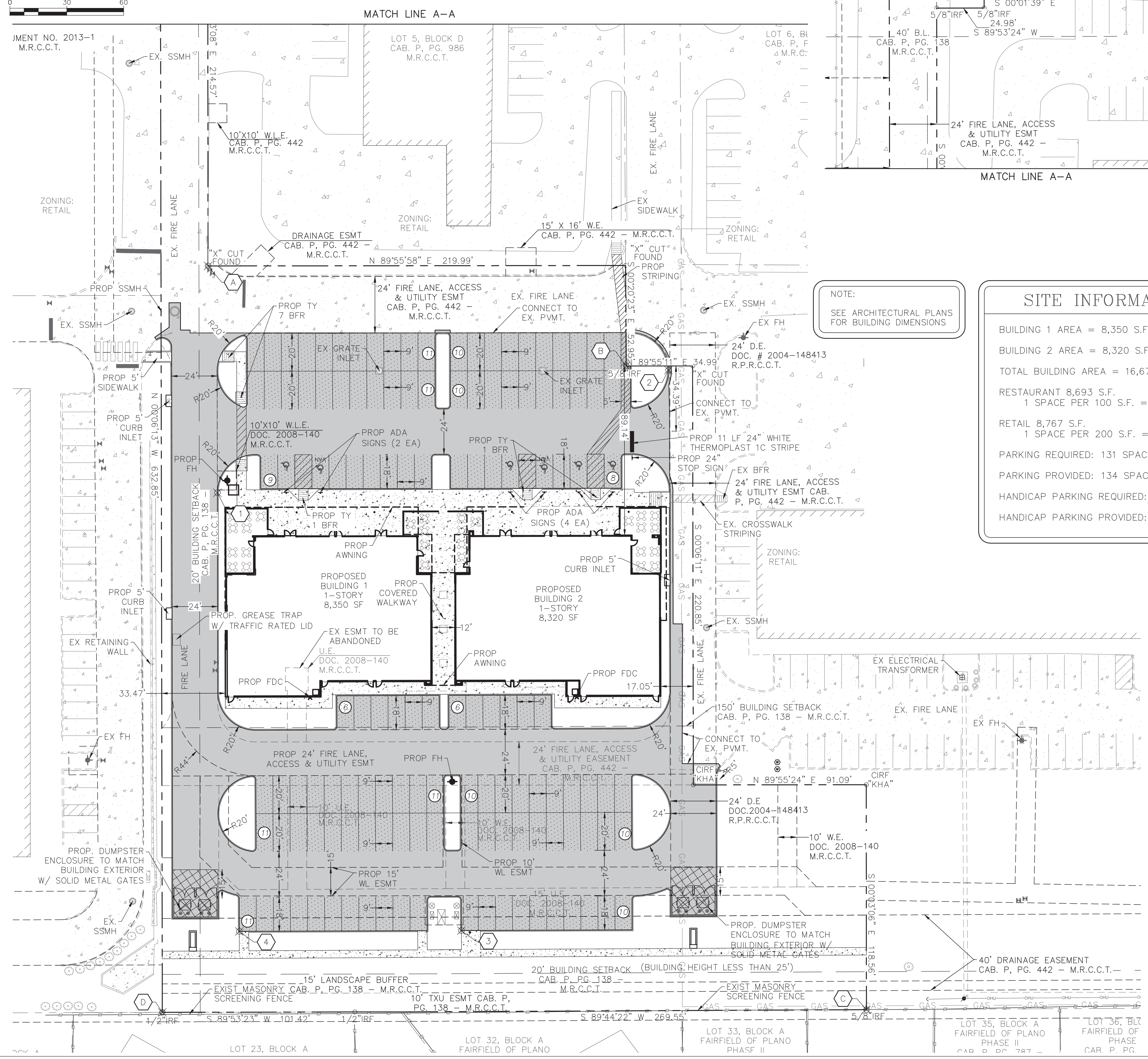
ITE TRIP GENERATION RATES										
PROPOSED LAND USE	ITE CODE	QUANTITY	UNIT OF MEASURE	WEEKDAY	AM			PM		
					TOTAL	ENTER	EXIT	TOTAL	ENTER	EXIT
RETAIL SHOPPING CENTER	820	16.670	KSF	T=42.94(x)	T=1.00(X)	61%	39%	T=3.73(X)	49%	51%
				716	17	10	7	62	30	32

SOURCE: 10th EDITION, I.T.E. TRIP GENERATION MANUAL

FM HIGHWAY 544



VICINITY MAP
SCALE: 1"=1000'



NOTE:
SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS

SITE INFORMATION

BUILDING 1 AREA = 8,350 S.F.
 BUILDING 2 AREA = 8,320 S.F.
 TOTAL BUILDING AREA = 16,670 S.F.
 RESTAURANT 8,693 S.F.
 1 SPACE PER 100 S.F. = 87 SPACES
 RETAIL 8,767 S.F.
 1 SPACE PER 200 S.F. = 44 SPACES
 PARKING REQUIRED: 131 SPACES
 PARKING PROVIDED: 134 SPACES
 HANDICAP PARKING REQUIRED: 6 SPACES
 HANDICAP PARKING PROVIDED: 6 SPACES

PAVEMENT LEGEND

- DUMPSTER PAVEMENT**
PROPOSED 8" 4,000 PSI CONC. @ 28 DAYS WITH #4 BARS @ 18" O.C.E.W. (DOUBLE MAT)
- HEAVY DUTY PAVEMENT**
PROPOSED 7" 3,600 PSI CONC. @ 28 DAYS WITH #3 BARS @ 18" O.C.E.W.
- LIGHT DUTY PAVEMENT**
PROPOSED 5" 3,600 PSI CONC. @ 28 DAYS WITH #3 BARS @ 18" O.C.E.W.
- SIDEWALK PAVEMENT**
PROPOSED 4" 3,000 PSI CONC. @ 28 DAYS WITH #3 BARS @ 18" O.C.E.W.

PAVEMENT NOTES:

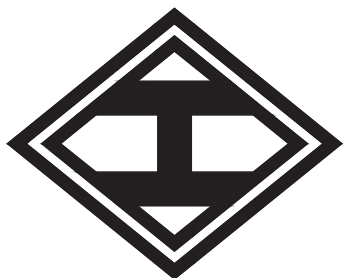
- ALL PAVEMENT SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6" AND COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY AT OR ABOVE OPTIMUM MOISTURE.
- THE CONTRACTOR SHALL DOWEL & EPOXY #4 X 24" SMOOTH BARS @ 24" CENTERS ALONG ALL PROPOSED TO EXISTING CONCRETE EDGES W/ 3/4" EXPANSION JOINT & SELF LEVELING JOINT SEALING COMPOUND.
- THE CONTRACTOR SHALL PROVIDE A 1/2" EXPANSION JOINT W/ SELF LEVELING JOINT SEALING COMPOUND BETWEEN THE PROPOSED CONCRETE PAVEMENT AND THE PROPOSED BUILDING.

DESIGN POINTS

PT	NORTHING	EASTING	PT	NORTHING	EASTING
A	7055791.0700	2545409.5490	1	7055671.5633	2545414.4705
B	7055738.3750	2545629.8530	2	7055736.1691	2545652.1289
C	7055399.1310	2545756.4290	3	7055440.8138	2545543.0127
D	7055397.7100	2545385.4660	4	7055440.3656	2545426.0135

PRELIMINARY PLANS
 THIS DOCUMENT IS FOR INTERIM REVIEW AND IS NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES.
 STEVEN R. HOMEYER, PE # 86942
 DATE: 09/20/2021

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 ENGINEERING, INC.
 T.B.P.E. FIRM REGISTRATION NO. F-84440
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 972-906-9985 PHONE • 972-906-9987 FAX
 WWW.HEI.US.COM



TWO MURPHY VILLAGE
 MURPHY VILLAGE ADDITION
 LOT 4R, BLOCK D
 2.88 ACRES
 CITY OF MURPHY
 COLLIN COUNTY, TEXAS

SITE PLAN

DRAWN: JAA
 DATE: 08/30/2021
 HEI #: 21-0706

SHEET NO:
 C2