

NO. / DATE	DESCRIPTION	BY	CHK.
	REVISIONS		

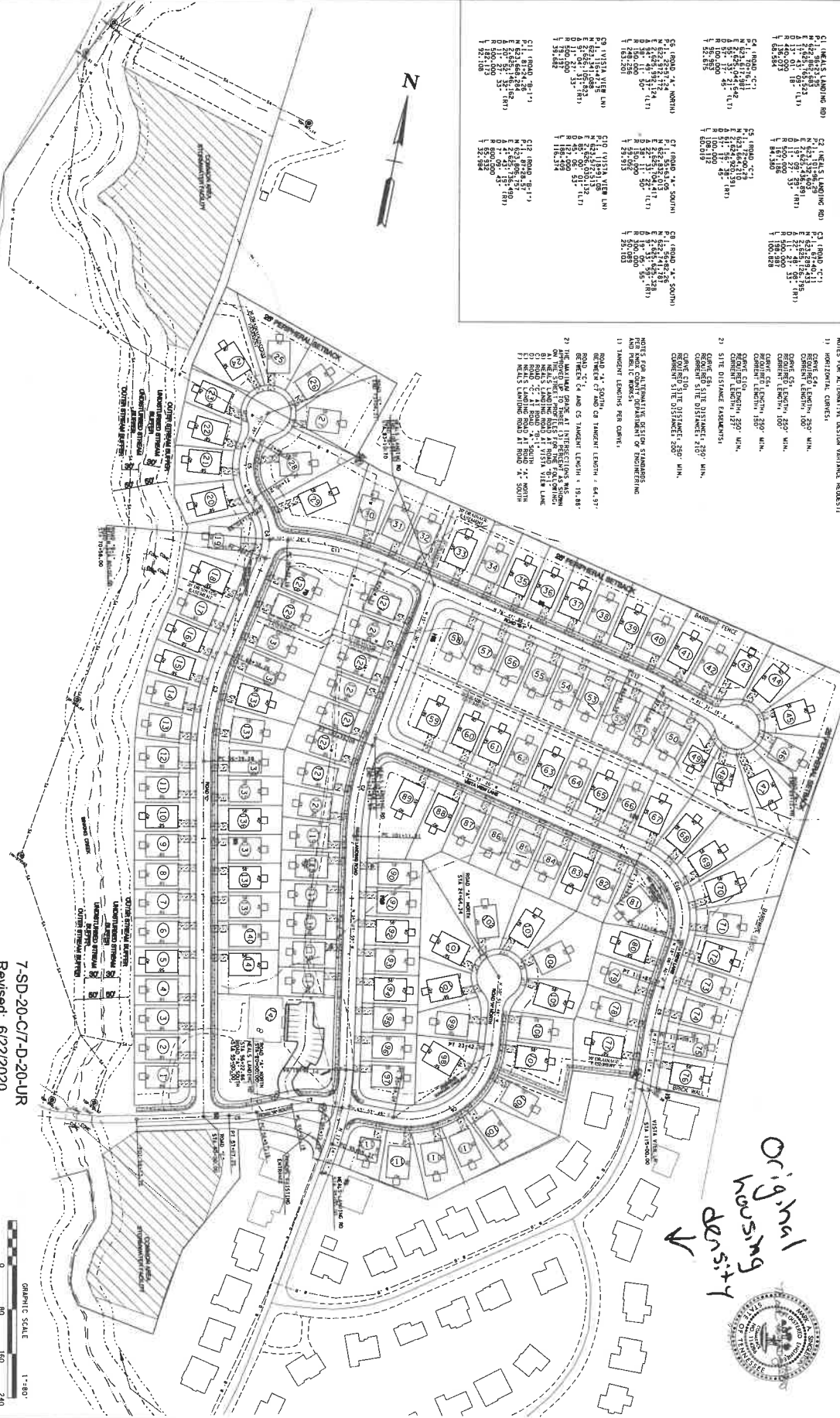


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CONSULTING ENGINEERS
KNOXVILLE, TENNESSEE

NEALS LANDING - UNIT 3

ENLARGED SITE LAYOUT

DESIGNED BY	CHECKED BY	SCALE	SHEET
MAS	NOG	1" = 80'	1A
DATE	FILE NO.		
5-22-20	18131		



CURVE DATA

Curve ID	Radius (ft)	Stationing (Start/End)
C1 (NEALS LANDING RD)	1000	11+38.43 to 11+48.11
C2 (NEALS LANDING RD)	1000	11+58.11 to 11+67.79
C3 (ROAD - C7)	1000	11+77.39 to 11+87.07
C4 (ROAD - C7)	1000	11+96.67 to 12+06.35
C5 (ROAD - C1)	1000	12+15.95 to 12+25.63
C6 (ROAD - C1)	1000	12+35.23 to 12+44.91
C7 (ROAD - C1)	1000	12+54.51 to 12+64.19
C8 (ROAD - C1)	1000	12+73.47 to 12+83.15
C9 (ROAD - C1)	1000	12+92.83 to 13+02.51
C10 (ROAD - C1)	1000	13+11.77 to 13+21.45
C11 (ROAD - C1)	1000	13+30.87 to 13+40.55
C12 (ROAD - C1)	1000	13+49.51 to 13+59.19
C13 (ROAD - C1)	1000	13+68.15 to 13+77.83
C14 (ROAD - C1)	1000	13+86.79 to 13+96.47
C15 (ROAD - C1)	1000	14+05.43 to 14+15.11
C16 (ROAD - C1)	1000	14+24.07 to 14+33.75
C17 (ROAD - C1)	1000	14+42.71 to 14+52.39
C18 (ROAD - C1)	1000	14+61.35 to 14+71.03
C19 (ROAD - C1)	1000	14+79.99 to 14+89.67
C20 (ROAD - C1)	1000	14+98.63 to 15+08.31
C21 (ROAD - C1)	1000	15+16.97 to 15+26.65
C22 (ROAD - C1)	1000	15+35.31 to 15+44.99
C23 (ROAD - C1)	1000	15+53.83 to 15+63.51
C24 (ROAD - C1)	1000	15+72.35 to 15+82.03
C25 (ROAD - C1)	1000	15+90.87 to 16+00.55
C26 (ROAD - C1)	1000	16+09.19 to 16+18.87
C27 (ROAD - C1)	1000	16+27.83 to 16+37.51
C28 (ROAD - C1)	1000	16+46.35 to 16+56.03
C29 (ROAD - C1)	1000	16+64.87 to 16+74.55
C30 (ROAD - C1)	1000	16+83.39 to 16+93.07
C31 (ROAD - C1)	1000	17+01.81 to 17+11.49
C32 (ROAD - C1)	1000	17+20.33 to 17+30.01
C33 (ROAD - C1)	1000	17+38.85 to 17+48.53
C34 (ROAD - C1)	1000	17+57.37 to 17+67.05
C35 (ROAD - C1)	1000	18+15.89 to 18+25.57
C36 (ROAD - C1)	1000	18+34.41 to 18+44.09
C37 (ROAD - C1)	1000	18+52.93 to 19+02.61
C38 (ROAD - C1)	1000	19+11.15 to 19+20.83
C39 (ROAD - C1)	1000	19+29.67 to 19+39.35
C40 (ROAD - C1)	1000	19+47.89 to 19+57.57
C41 (ROAD - C1)	1000	20+06.41 to 20+16.09
C42 (ROAD - C1)	1000	20+24.93 to 20+34.61
C43 (ROAD - C1)	1000	20+43.15 to 20+52.83
C44 (ROAD - C1)	1000	20+61.67 to 20+71.35
C45 (ROAD - C1)	1000	20+79.89 to 20+89.57
C46 (ROAD - C1)	1000	21+08.41 to 21+18.09
C47 (ROAD - C1)	1000	21+26.93 to 21+36.61
C48 (ROAD - C1)	1000	21+45.15 to 21+54.83
C49 (ROAD - C1)	1000	21+63.67 to 21+73.35
C50 (ROAD - C1)	1000	21+82.19 to 21+91.87
C51 (ROAD - C1)	1000	22+00.71 to 22+10.39
C52 (ROAD - C1)	1000	22+19.23 to 22+28.91
C53 (ROAD - C1)	1000	22+37.45 to 22+47.13
C54 (ROAD - C1)	1000	22+55.97 to 23+05.65
C55 (ROAD - C1)	1000	23+14.19 to 23+23.87
C56 (ROAD - C1)	1000	23+32.71 to 23+42.39
C57 (ROAD - C1)	1000	23+50.93 to 24+00.61
C58 (ROAD - C1)	1000	24+19.15 to 24+28.83
C59 (ROAD - C1)	1000	24+37.67 to 24+47.35
C60 (ROAD - C1)	1000	24+55.89 to 25+05.57
C61 (ROAD - C1)	1000	25+14.11 to 25+23.79
C62 (ROAD - C1)	1000	25+32.63 to 25+42.31
C63 (ROAD - C1)	1000	25+50.85 to 26+00.53
C64 (ROAD - C1)	1000	26+19.07 to 26+28.75
C65 (ROAD - C1)	1000	26+37.59 to 26+47.27
C66 (ROAD - C1)	1000	26+55.81 to 27+05.49
C67 (ROAD - C1)	1000	27+14.03 to 27+23.71
C68 (ROAD - C1)	1000	27+32.55 to 27+42.23
C69 (ROAD - C1)	1000	27+50.77 to 28+00.45
C70 (ROAD - C1)	1000	28+19.29 to 28+28.97
C71 (ROAD - C1)	1000	28+37.51 to 28+47.19
C72 (ROAD - C1)	1000	28+55.73 to 29+05.41
C73 (ROAD - C1)	1000	29+13.95 to 29+23.63
C74 (ROAD - C1)	1000	29+32.47 to 29+42.15
C75 (ROAD - C1)	1000	29+50.69 to 30+00.37
C76 (ROAD - C1)	1000	30+19.11 to 30+28.79
C77 (ROAD - C1)	1000	30+37.33 to 30+47.01
C78 (ROAD - C1)	1000	30+55.55 to 31+05.23
C79 (ROAD - C1)	1000	31+13.77 to 31+23.45
C80 (ROAD - C1)	1000	31+32.29 to 31+41.97
C81 (ROAD - C1)	1000	31+50.51 to 32+00.19
C82 (ROAD - C1)	1000	32+18.73 to 32+28.41
C83 (ROAD - C1)	1000	32+36.95 to 32+46.63
C84 (ROAD - C1)	1000	32+55.17 to 33+04.85
C85 (ROAD - C1)	1000	33+13.69 to 33+23.37
C86 (ROAD - C1)	1000	33+32.21 to 33+41.89
C87 (ROAD - C1)	1000	33+50.43 to 34+00.11
C88 (ROAD - C1)	1000	34+18.65 to 34+28.33
C89 (ROAD - C1)	1000	34+36.87 to 34+46.55
C90 (ROAD - C1)	1000	34+55.09 to 35+04.77
C91 (ROAD - C1)	1000	35+13.31 to 35+22.99
C92 (ROAD - C1)	1000	35+31.53 to 35+41.21
C93 (ROAD - C1)	1000	35+49.75 to 35+59.43
C94 (ROAD - C1)	1000	36+07.97 to 36+17.65
C95 (ROAD - C1)	1000	36+26.49 to 36+36.17
C96 (ROAD - C1)	1000	36+44.71 to 36+54.39
C97 (ROAD - C1)	1000	37+03.23 to 37+12.91
C98 (ROAD - C1)	1000	37+21.45 to 37+31.13
C99 (ROAD - C1)	1000	37+39.67 to 37+49.35
C100 (ROAD - C1)	1000	37+57.89 to 38+07.57
C101 (ROAD - C1)	1000	38+16.11 to 38+25.79
C102 (ROAD - C1)	1000	38+34.33 to 38+44.01
C103 (ROAD - C1)	1000	38+52.55 to 39+02.23
C104 (ROAD - C1)	1000	39+10.77 to 39+20.45
C105 (ROAD - C1)	1000	39+29.29 to 39+38.97
C106 (ROAD - C1)	1000	39+47.51 to 39+57.19
C107 (ROAD - C1)	1000	40+05.73 to 40+15.41
C108 (ROAD - C1)	1000	40+23.95 to 40+33.63
C109 (ROAD - C1)	1000	40+42.17 to 40+51.85
C110 (ROAD - C1)	1000	40+60.39 to 40+70.07
C111 (ROAD - C1)	1000	40+78.61 to 40+88.29
C112 (ROAD - C1)	1000	40+96.83 to 41+06.51
C113 (ROAD - C1)	1000	41+15.05 to 41+24.73
C114 (ROAD - C1)	1000	41+33.27 to 41+42.95
C115 (ROAD - C1)	1000	41+51.49 to 42+01.17
C116 (ROAD - C1)	1000	42+09.71 to 42+19.39
C117 (ROAD - C1)	1000	42+27.93 to 42+37.61
C118 (ROAD - C1)	1000	42+46.15 to 42+55.83
C119 (ROAD - C1)	1000	42+64.37 to 42+74.05
C120 (ROAD - C1)	1000	42+82.59 to 42+92.27

NOTES FOR ALTERNATIVE DESIGN VARIANCE REQUEST:
 1) HORIZONTAL CURVES:
 GRADE: 0%
 CURVE LENGTH: 100' MIN.
 TANGENT LENGTH: 100' MIN.
 POINT OF CURVATURE: 100' MIN.
 POINT OF TANGENCY: 100' MIN.
 DISTANCE BETWEEN PC AND PT: 100' MIN.
 GRADE: 0%
 CURVE LENGTH: 250' MIN.
 TANGENT LENGTH: 250' MIN.
 POINT OF CURVATURE: 250' MIN.
 POINT OF TANGENCY: 250' MIN.
 DISTANCE BETWEEN PC AND PT: 250' MIN.
 GRADE: 5.0%
 CURVE LENGTH: 250' MIN.
 TANGENT LENGTH: 250' MIN.
 POINT OF CURVATURE: 250' MIN.
 POINT OF TANGENCY: 250' MIN.
 DISTANCE BETWEEN PC AND PT: 250' MIN.

NOTES FOR ALTERNATIVE DESIGN VARIANCE REQUEST:
 1) TANGENT LENGTH PER CURVE:
 ROAD 'A' SOUTH & TANGENT LENGTH: 64.97'
 BETWEEN C7 AND C8 TANGENT LENGTH: 19.88'
 BETWEEN C4 AND C5 TANGENT LENGTH: 19.88'
 2) THE MAXIMUM SPACING AT INTERSECTIONS, MEASURING FROM THE CENTERLINE OF THE ROAD TO THE CENTERLINE OF THE ADJACENT ROAD, SHALL BE 60 FEET.
 3) ROAD 'A' SHALL BE 30 FEET WIDE.
 4) ROAD 'B' SHALL BE 30 FEET WIDE.
 5) ROAD 'C' SHALL BE 30 FEET WIDE.
 6) ROAD 'D' SHALL BE 30 FEET WIDE.
 7) NEALS LANDING ROAD AT ROAD 'A' SOUTH

"The Ridge" at Neals Landing - current development

Original housing density

