



FINAL PLAT THE SHOPS AT KETTLESTONE NORTH PLAT 1 Waukec, Iowa

CURVE TABLE

| CURVE | DELTA | RADIUS | LENGTH | TANGENT | CHORD | CH BEARING |
|-------|-----------|---------|---------|---------|---------|--------------|
| C1 | 40°16'27" | 1587.50 | 1115.88 | 582.11 | 1093.05 | S20°28'05"W |
| C2 | 6°26'08" | 1412.50 | 158.65 | 79.41 | 158.57 | N87°23'03"E |
| C3 | 35°07'31" | 300.00 | 183.92 | 94.95 | 181.05 | S39°12'50"E |
| C4 | 41°07'05" | 300.00 | 215.56 | 112.67 | 210.95 | N42°12'04"W |
| C5 | 50°30'51" | 150.00 | 132.25 | 70.77 | 128.00 | S37°32'51"E |
| C6 | 17°40'52" | 1412.50 | 495.84 | 218.64 | 434.16 | S04°04'18"W |
| C7 | 98°22'20" | 25.00 | 40.31 | 26.06 | 36.05 | S64°11'35"W |
| C8 | 8°01'20" | 1591.90 | 222.28 | 111.32 | 222.04 | S98°35'34"W |
| C9 | 5°30'13" | 1050.00 | 147.89 | 73.85 | 147.45 | S81°44'41"E |
| C10 | 4°31'08" | 1587.50 | 268.43 | 134.54 | 268.11 | S92°40'20"W |
| C11 | 6°31'08" | 1587.50 | 268.43 | 134.54 | 268.11 | S113°44'27"W |
| C12 | 22°33'48" | 1587.50 | 625.17 | 316.64 | 621.14 | S113°44'27"W |
| C13 | 5°36'30" | 1412.50 | 136.26 | 69.19 | 136.21 | S07°07'48"W |
| C14 | 12°04'22" | 1412.50 | 297.63 | 149.37 | 297.08 | S115°01'41"W |
| C15 | 47°22'20" | 25.00 | 40.31 | 26.06 | 36.05 | S64°11'35"W |
| C16 | 22°05'02" | 1000.00 | 395.44 | 195.14 | 385.06 | N72°39'10"E |
| C17 | 18°43'51" | 1000.00 | 326.91 | 164.93 | 325.46 | N74°19'45"E |
| C18 | 3°21'11" | 1000.00 | 58.52 | 29.27 | 58.51 | N63°17'14"E |
| C19 | 7°26'07" | 900.00 | 119.41 | 59.79 | 119.32 | N25°33'00"W |
| C20 | 3°24'00" | 900.00 | 53.41 | 26.71 | 53.40 | N23°26'56"W |
| C21 | 41°21'06" | 900.00 | 66.00 | 33.02 | 65.94 | N27°15'00"W |
| C22 | 15°23'06" | 1030.00 | 278.57 | 139.12 | 275.74 | N76°00'08"E |
| C23 | 48°02'15" | 25.00 | 39.34 | 25.07 | 35.41 | N86°36'24"W |
| C24 | 88°24'05" | 25.00 | 39.34 | 25.07 | 35.41 | S15°14'43"W |
| C25 | 40°44'00" | 935.00 | 28.00 | 13.33 | 28.00 | N28°42'03"E |
| C26 | 0°44'00" | 935.00 | 13.33 | 6.67 | 13.33 | N28°42'03"E |
| C27 | 0°17'59" | 865.00 | 2.36 | 1.18 | 2.36 | N09°12'03"W |
| C28 | 97°46'48" | 25.00 | 42.66 | 28.65 | 37.67 | N09°12'03"W |
| C29 | 5°16'19" | 970.00 | 89.25 | 44.66 | 89.22 | N71°15'15"E |
| C30 | 3°38'17" | 970.00 | 61.59 | 30.81 | 61.58 | N75°49'12"E |
| C31 | 3°36'49" | 970.00 | 61.18 | 30.60 | 61.17 | N79°26'46"E |
| C32 | 2°26'31" | 970.00 | 41.34 | 20.67 | 41.34 | N82°28'25"E |
| C33 | 19°27'40" | 962.50 | 326.92 | 165.05 | 325.35 | S68°24'17"W |
| C34 | 4°04'59" | 1037.50 | 73.93 | 36.98 | 73.91 | N60°42'55"E |
| C35 | 6°27'12" | 300.00 | 33.79 | 16.91 | 33.77 | S27°45'24"E |
| C36 | 7°47'32" | 3463.41 | 471.03 | 235.89 | 470.67 | S32°04'45"W |
| C37 | 0°06'45" | 3463.41 | 6.90 | 3.40 | 6.90 | S89°14'21"W |

LEGEND

- ▲ PLAT BOUNDARY
- SECTION CORNER
- FOUND CORNER, AS NOTED
- SET CORNER 5/8" I.R. W/ YELLOW CAP #13156
- I.R. IRON ROD
- G.P. GAS PIPE
- D. DEEDED DISTANCE
- M. MEASURED DISTANCE
- R. PREVIOUSLY RECORDED DISTANCE
- P.U.E. PUBLIC UTILITY EASEMENT
- ADDRESS
- ⓑ BUILDING SETBACK LINE
- ⓓ MINIMUM OPENING ELEVATION
- M.P.E. MINIMUM PROTECTION ELEVATION
- N.R. NOT RADIAL

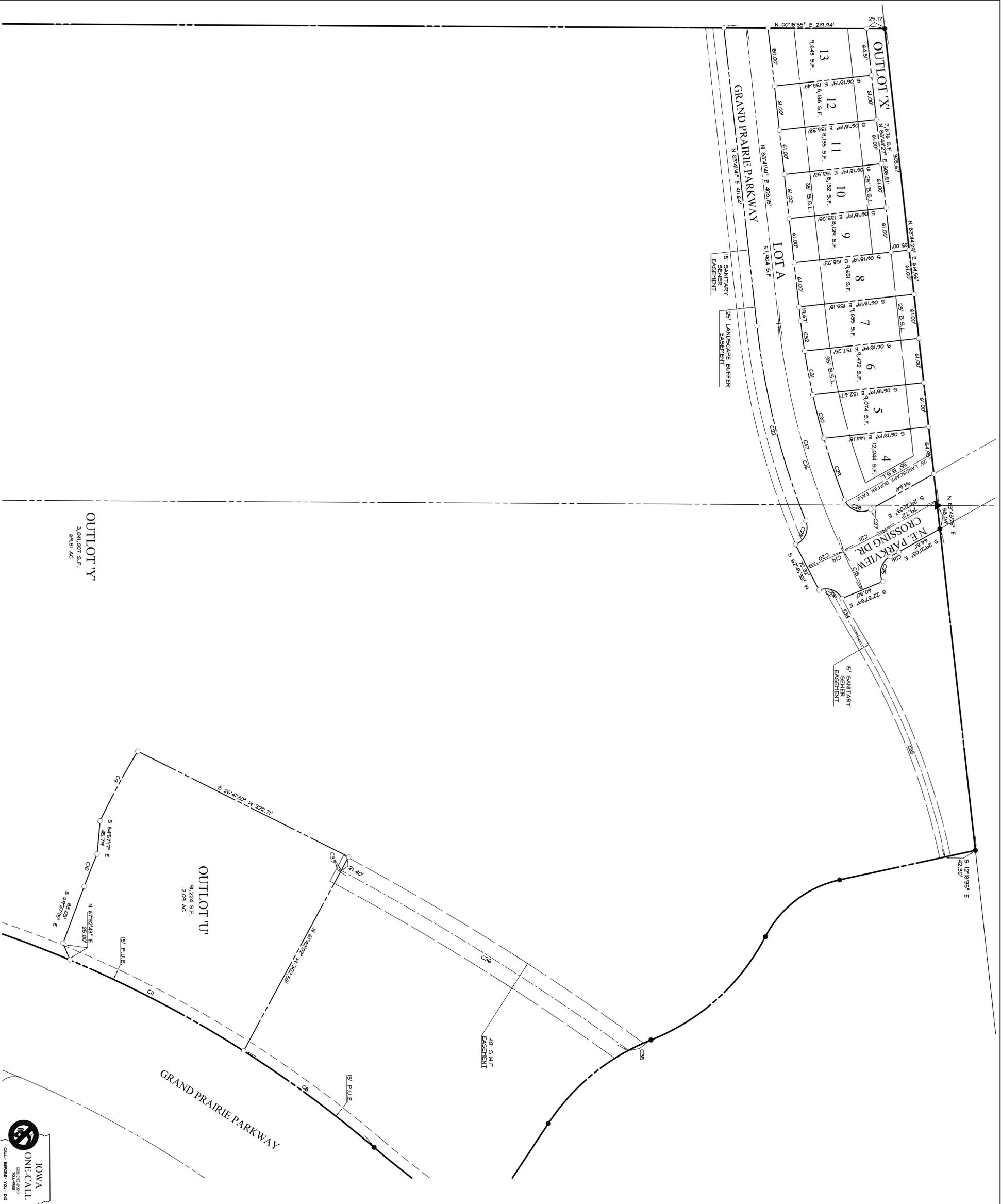
COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 10-21-2016
JOB NUMBER
CC 1747

APPROVED: (X-X-2003) INITIALS: XXX AS-BUILT: (X-X-2003)
FINAL PLAT
SHEET 2 OF 3





FINAL PLAT
**THE SHOPS AT
 KETTLESTONE**
 NORTH PLAT 1
 Waukec, Iowa

CURVE TABLE

| CURVE | DELTA | RADIUS | LENGTH | TANGENT | CHORD | CH BEARING |
|-------|-----------|---------|---------|---------|---------|--------------|
| C1 | 40°16'27" | 1597.50 | 1115.88 | 159.21 | 1093.05 | S20°29'05"W |
| C2 | 6°26'08" | 1412.50 | 158.45 | 79.41 | 158.57 | N87°23'03"E |
| C3 | 35°07'31" | 300.00 | 183.92 | 94.95 | 181.05 | S39°12'50"E |
| C4 | 41°0'05" | 300.00 | 215.56 | 112.67 | 210.95 | N42°12'04"W |
| C5 | 50°30'51" | 150.00 | 132.25 | 70.77 | 126.00 | S37°32'51"E |
| C6 | 17°40'52" | 1412.50 | 495.84 | 219.64 | 434.16 | S20°04'19"W |
| C7 | 98°22'20" | 25.00 | 40.31 | 26.06 | 36.06 | S64°11'35"W |
| C8 | 8°01'20" | 1597.50 | 222.26 | 111.32 | 222.09 | S58°35'34"W |
| C9 | 5°50'13" | 1050.00 | 497.89 | 243.92 | 473.65 | S61°44'11"E |
| C10 | 4°31'08" | 1597.50 | 246.43 | 134.54 | 268.11 | S59°10'20"W |
| C11 | 6°31'08" | 1597.50 | 246.43 | 134.54 | 268.11 | S113°44'27"W |
| C12 | 22°33'48" | 1597.50 | 625.17 | 316.69 | 621.14 | S113°44'27"W |
| C13 | 5°36'50" | 1412.50 | 139.26 | 69.19 | 135.21 | S107°17'48"W |
| C14 | 12°04'12" | 1412.50 | 297.63 | 149.37 | 297.09 | S115°01'41"W |
| C15 | 97°22'20" | 25.00 | 40.31 | 26.06 | 36.06 | S64°11'35"W |
| C16 | 22°05'02" | 1000.00 | 395.44 | 195.14 | 385.06 | N72°39'10"E |
| C17 | 18°43'51" | 1000.00 | 326.91 | 164.93 | 325.46 | N74°19'45"E |
| C18 | 3°21'11" | 1000.00 | 58.52 | 29.27 | 58.51 | N63°17'14"E |
| C19 | 7°36'07" | 900.00 | 119.41 | 59.79 | 119.32 | N25°33'00"W |
| C20 | 3°24'00" | 900.00 | 53.41 | 26.71 | 53.40 | N23°26'56"W |
| C21 | 41°2'06" | 900.00 | 66.00 | 33.02 | 65.99 | N27°15'00"W |
| C22 | 15°23'06" | 1030.00 | 278.57 | 139.12 | 275.74 | N16°00'08"E |
| C23 | 90°04'15" | 25.00 | 39.34 | 25.07 | 35.41 | N86°36'24"W |
| C24 | 85°24'05" | 25.00 | 36.56 | 25.41 | 35.37 | S113°44'15"W |
| C25 | 90°44'00" | 955.00 | 28.00 | 13.33 | 28.00 | N102°52'33"E |
| C26 | 0°44'00" | 955.00 | 13.33 | 6.67 | 13.33 | N102°52'33"E |
| C27 | 0°17'59" | 865.00 | 2.36 | 1.19 | 2.36 | N09°12'03"W |
| C28 | 97°46'48" | 25.00 | 42.66 | 28.65 | 37.67 | N19°02'11"E |
| C29 | 5°16'16" | 970.00 | 89.25 | 44.66 | 89.22 | N71°15'15"E |
| C30 | 3°38'17" | 970.00 | 61.59 | 30.81 | 61.58 | N75°49'12"E |
| C31 | 3°36'48" | 970.00 | 61.18 | 30.60 | 61.17 | N79°26'46"E |
| C32 | 2°26'31" | 970.00 | 41.34 | 20.67 | 41.34 | N82°28'25"E |
| C33 | 19°27'40" | 962.50 | 326.92 | 165.05 | 325.35 | S68°24'17"W |
| C34 | 4°04'58" | 1037.50 | 73.93 | 36.98 | 73.91 | N60°42'55"E |
| C35 | 6°27'12" | 300.00 | 33.79 | 16.91 | 33.77 | S27°52'41"E |
| C36 | 7°47'32" | 3463.41 | 471.03 | 235.89 | 470.67 | S27°04'45"W |
| C37 | 0°06'45" | 3463.41 | 6.90 | 3.40 | 6.90 | S28°14'21"W |

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 SCALE: 1"=60'
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 SHEET 3 OF 3

