# REPORT TO CITY PLAN COMMISSION 

Plan Commission Meeting Date: October 9, 2018
Common Council Meeting Date: October 17, 2018
Item: Final Plat - Apple Ridge
Prepared By: Don Harp

## GENERAL INFORMATION

Owners: Goodness Grace, LLC c/o Jerome R. Koleske, Manager; Otto and Mary Ann Reetz; and M \& J Weyenberg Properties, LLC c/o Gerald and Mary Ann Weyenberg, Members

Applicant: Apple Tree - Appleton Four, LLC c/o Jason Mroz
Consulting Civil Engineer: Davel Engineering \& Environmental, Inc.
Plat Revision Date/Drafted By: 9-25-18/drafted by James R. Sehloff, P.L.S. No. S-2692
Location: Southeast corner of North Ballard Road and East Apple Creek Road
Tax Id Numbers: 31-1-8307-00, 31-1-8307-01, 31-1-8307-02, 31-1-8307-03, 31-1-8307-04, and 31-1-8307-05

Petitioner's Request: The applicant is proposing to subdivide the property in a multiphased singlefamily residential development. This request is for Phase 1 approval.

## BACKGROUND

The subject property was included in the Apple Ridge Annexation that was approved by the Plan Commission on August 7, 2018 and by the Common Council on August 15, 2018. The subject property was officially annexed to the City on August 22, 2018 at 12:01 a.m.

Rezoning \#9-18 for the subject site (temporary AG Agricultural District to R-1B Single-Family District) was approved by the Plan Commission on August 21, 2018 and by the Common Council on September 19, 2018.

The Preliminary Plat for Apple Ridge consisting of 79 lots and 6 outlots was approved with conditions by the Plan Commission on August 21, 2018 and by the Common Council on September 19, 2018.

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## STAFF ANALYSIS

Existing Conditions: The subject lot to be subdivided is currently undeveloped. The area to be platted for single-family residential development totals 63.3706 acres, which will be divided into 78 lots and 6 outlots.

Comparison between Final Plat and Preliminary Plat: The Final Plat is consistent with the Preliminary Plat except for the following: 1. The Preliminary Plat showed 59.8577 total acres of platted land compared to 63.3706 total acres of platted land per Final Plat. 2. The Preliminary Plat showed 79 lots compared to 78 lots per Final Plat. 3. Outlot 1 shown on the Preliminary Plat was merged into Lot 1 per Final Plat. 4. Additional land is being platted for Outlot 3 per Final Plat. 5. Harrier Lane was extended to east by approximately 238 feet per Final Plat.

Zoning Ordinance Review Criteria: Lot development standards (Section 23-93 R-1B Single-family district of the Municipal Code) are as follows:

- Minimum lot area: Six thousand $(6,000)$ square feet.
- The proposed lots range in size from 7,832 square feet to 268,332 square feet. Outlot 2 (921 square feet) does not meet the lot area requirement. All other lots satisfy this requirement.
- Minimum lot width: Fifty (50) feet.
- The typical lot dimensions for the proposed lots are 58 feet X 200 feet. Lot 8 (25 feet) and Outlot 5 (30 feet) do not meet the lot width requirement. All other lots satisfy this requirement.
- Minimum front, side, and rear yard setbacks: Twenty (20) foot front yard [twenty-five (25) foot minimum on arterial street], Six (6) foot side yard, and Twenty-five (25) foot rear yard. There is a 55 foot Highway setback illustrated on the plat.
- Required setbacks for buildings and structures will be reviewed through the building permit review process.
- Maximum building height: Thirty-five (35) feet.
- This will be reviewed through the building permit review process.
- Maximum lot coverage: Fifty percent (50\%).
- This will be reviewed through the building permit review process.


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Compliance with the Appleton Subdivision Regulations: This subdivision complies with the Appleton Subdivision Regulations, except for the following:

- Proposed lot area for Outlot 2 is 921 square feet; 6,000 square feet is required per Section 173(c)(6) and Section 23-93(g)(1) of the Municipal Code. The modification allows for a reduction of lot area from 6,000 square feet to 921 square feet. Note: Per Final Plat Note \#2, this outlot will be owned by the Home Owners Association and used for landscaping. The reference to Outlot 3 in this note does not match the Outlot numbering on the plat.
- Proposed lot width for Outlot 5 is 30 feet, 50 feet is required per Section 17-3(c)(6) and Section $23-93(\mathrm{~g})(3)$ of the Municipal Code. The modification allows for a reduction of lot width from 50 square feet to 30 square feet. Note: Per Final Plat Note \#3, this outlot will be used for storm water management.
- Proposed lot width for Lot 8 is 25 feet; 50 feet is required per Section 17-3(c)(6) and Section 23$93(\mathrm{~g})(3)$ of the Municipal Code. The modification allows for a reduction of lot width from 50 square feet to 25 square feet on a temporary basis. Note: When Phase 2 or 3 is platted, this lot will satisfy the minimum lot width requirement.

In recognition of the environmental features (floodplain, wetlands, navigable stream, and topography) located on this site and its location with respect to the existing roads and adjacent parcel configurations results in a layout with curvilinear street patterns, stream crossings, narrower lot widths and stormwater management areas. Therefore, per Section 17-3(f) of the Municipal Code, when the Common Council finds that extraordinary hardship or injustice will result from strict compliance with this ordinance, it may vary the terms thereof to the extent deemed necessary and proper to grant relief to the above-referenced items, provided that the modification meets the following three standards:
(1) The modification is due to physical features of the site or its location. Yes, staff concludes the existing environmental features located on this site (topography, floodplain, wetlands, navigable stream) and its location with respect to the existing roads connections and parcel lines influence the location and layout of proposed lots, roads, stream crossings and stormwater ponds within the development. These features contribute to challenges of designing Outlots 2 and 5 and Lot 8 in accordance with the applicable requirements of the Zoning and Subdivision Ordinance.
(2) The modification is the least deviation from this ordinance which will mitigate the hardship. Yes, staff concludes the modifications are minimal deviations and necessary to achieve the residential density shown on the final plat.
(3) The modification is not detrimental to the public interest and is in keeping with the general spirit and intent of this ordinance. Yes, staff concludes public safety should not be adversely affected by granting the above-referenced modifications for Outlots 2 and 5 and Lot 8.

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- Floodlands. Subdivided lots shall have at least fifty (50) percent of the minimum required lot area ( 3,000 square feet), based upon the respective zoning district, at least two (2) feet above the elevation of the one hundred (100) year reoccurrence interval flood per Section 17-26(i)(1) of the Subdivision Ordinance. Note: It appears Lots 8, 11, 12, 23-28, 57-59, 74-78, Outlots 4 and 6 are located in floodfringe areas and will be removed from floodplain by filling per Final Plat notes. This requirement and placement of fill will be reviewed and verified through the building permit review process for new home construction on the applicable lots. See condition of approval \#11.
- Any lot containing slopes of $20 \%$ or greater will require compliance with Section(s) 17-26(i)(2) and 17-26(i)(2) a. of the Subdivision Ordinance prior to the issuance of a building permit. The intent of this section is to have slopes of $20 \%$ or greater shown on the plat. Compliance with Section(s) 17-26(i)(2) and 17-26(i)(2) a. will be verified through the building permit review process for new home construction on the applicable lots.
- Conditions 1. (o.) and 4 of the preliminary plat approval were not completely addressed by the consulting civil engineer pursuant to the Final Plat submittal materials. Condition number 1 (o.) read: "Add a separate category identifying slopes of $20 \%$ and greater to the final plat and add affected lot numbers to Note \#5." Condition number 4. read: "The calculation of land area for each lot (pre-filled condition) that is at least two (2) feet above the one hundred (100) year reoccurrence interval flood elevation shall be submitted with the Final Plat materials." As a result, Conditions \#3 and \#11 are added under the recommendation section of the staff report.
- Per Chapter 23, Zoning of the Municipal Code, Lot width means the maximum horizontal distance between the side lot lines of a lot measured along the front lot line. On a cul-de-sac, or curved street, the front setback line shall be used to determine minimum lot width. Based upon the information submitted, Staff is unable to determine if the 50 foot minimum lot width requirement is met for Lots $14,46,47$ and 48 . As a result, Condition \#5 is added under the recommendation section of the staff report.


## Access and Traffic:

- Vehicular access to the subject lots is provided by existing Apple Creek Road (C.T.H. E) and Ridge Haven Lane, which connects to proposed Peregrine Boulevard and Osprey Drive.
- Outagamie County approval is required for the access connection from proposed Peregrine Boulevard to East Apple Creek Road (C.T.H. E)


## Surrounding Zoning Classification and Current Land Uses:

North: City Zoning: R-1B Single-Family District
Current Land Use - Single-family residential
Town of Grand Chute Zoning: AGD General Agricultural District
Current Land Uses - Residential and Agricultural

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South: Town of Grand Chute Zoning: AGD General Agricultural District Current Land Uses - Residential and Agricultural<br>East: Town of Grand Chute Zoning: AGD General Agricultural District Current Land Use - Agricultural<br>West: City Zoning: R-1B Single-Family District<br>Current Land Use - Single-family residential<br>Town of Grand Chute Zoning: AGD General Agricultural District Current Land Uses - Residential and Agricultural

Appleton Comprehensive Plan 2010-2030: Community and Economic Development staff has reviewed this proposal and determined it is compatible with the One and Two-Family Residential designation shown on the City's Comprehensive Plan 2010-2030 Future Land Use Map. Listed below are related excerpts from the City's Comprehensive Plan 2010-2030.

## Goal 1 - Community Growth

Appleton will continue to provide opportunities for residential, commercial, and industrial growth, including appropriate redevelopment sites within the downtown and existing neighborhoods, and greenfield development sites at the City's edge.

Goal 3 - Housing Quality, Variety, and Affordability
Appleton will provide a variety of rental and ownership housing choices in a range of prices affordable to community residents, and ensure that existing housing is adequately maintained in terms of physical quality and market viability.

OBJECTIVE 5.3 Housing and Neighborhoods:
Provide a range of housing options that meet the needs and appeal to all segments of the community and allows residents to age in place.

Policy 5.3.3 Plan for a supply of developable land suitable for residential development.
OBJECTIVE 10.1 Land Use:
Provide an adequate supply of suitable land meeting the demand for development of various land uses.

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OBJECTIVE 10.4 Land Use:

Plan for compact, efficient, and fiscally responsible growth of residential, commercial, and industrial development in new neighborhoods in order to implement the principles of smart growth.

Policy 10.4.1 Continue to guide residential growth to locations either contiguous to or within presently urbanized areas. As peripheral development occurs, it should be at a compact, urban density to ensure new neighborhoods can be efficiently served by public infrastructure.

Technical Review Group Report (TRG): This item was discussed at the September 18, 2018 Technical Review Group Report meeting.

- Per Engineering Division, all engineering comments must be addressed prior to the City affixing signatures on the Final Plat.


## RECOMMENDATION

The Apple Ridge Final Plat dated September 25, 2018, as shown on the attached maps, BE APPROVED subject to the following conditions:

1. This approval is conditioned upon satisfactory resolution of all stormwater management comments as outlined in the October 4, 2018 review letter issued by RA Smith. If significant modifications to the Final Plat are needed in order to address the stormwater comments, the City may require a second submittal of a modified Final Plat for review and approval by the City Plan Commission and Common Council.
2. This approval is conditioned upon satisfying all requirements of the Outagamie County Highway Department for the proposed new roadway connection to Apple Creek Road and the existing connection to Ballard Road through Ridgehaven Lane. If significant modifications to the Final Plat are needed in order to address the County access requirements, the City may require a second submittal of a modified Final Plat for review and approval by the City Plan Commission and Common Council.
3. Grant all modification listed in the staff report for Outlots 2 and 5 and Lot 8 . If significant modifications to the Final Plat are needed in order to address the stormwater comments management comments as outlined in the October 4, 2018 review letter issued by RA Smith and additional waivers to the Subdivision Ordinance are required, the City Plan Commission and Common Council must review and approve all additional modification and/or waivers not stated in the staff report.

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4. Prior to City Signatures being affixed to the Final Plat, the Appleton Municipal Code does not define term "severe slopes". Therefore, remove the words "severe slopes" in Note \#6 on the Final Plat. Amend Note \#6 on Sheet 4 as follows in (Italic): "Lots (identify all affected lot numbers here) contain slopes of twenty percent ( $20 \%$ ) and greater. Lands having a slope of twenty percent (20\%) and greater shall be maintained in permanent open space use, unless the following items are submitted to the City of Appleton Public Works Department for review and approval prior to the issuance of a building permit: The application for a building permit shall be accompanied by a Drainage and Grading Plan, an Erosion Control Plan, a Plot Plan and a Building Foundation Design Plan prepared by a licensed professional civil engineer or structural engineer registered in the State of Wisconsin, trained and experienced in the practice of geotechnical engineering. The engineer shall provide the design and supervision such that, in the engineer's opinion, the development does not and will not compromise in any way the stability of the soil on site or soil on lands which are adjacent and will not cause or contribute to such soils becoming susceptible to land slip, land slide, rock fall, mud flow, debris flow, erosion, slumping, settling or other such occurrence."
5. Prior to City Signatures being affixed to the Final Plat, on Sheet 2 extend the line work for the rear lot line on Lot 47 to the 1 '' inch iron pipe found. The paper copy of the Final Plat shows a gap in the rear lot line.
6. Prior to City Signatures being affixed to the Final Plat, on Sheet 1 and 2 identify the width dimension at the 20 -foot building setback line between the side lot lines for Lots $14,46,47$ and 48. If the width dimension does not equal 50 feet, then move the building setback line further away from the front line to establish a new building setback line dimension at a point where the horizontal distance between the side lot lines measures at least 50 feet wide.
7. Prior to City Signatures being affixed to the Final Plat, on Sheet 2 identify the Betty M. Plach property west of Lot 40 as being located within the City of Appleton corporate limits.
8. Prior to City Signatures being affixed to the Final Plat, on Sheet 4 in the notes section revise all applicable Outlot and Lot numbers to correspond with the lot numbering pattern on the Final Plat.
9. Prior to City Signatures being affixed to the Final Plat, on Sheet 1 and 2 show the wetland setback line work.
10. Prior to City signatures being affixed to the Final Plat, the applicant shall pay park fees of $\$ 300$ per lot to the City of Appleton Finance Department.
11. All requirements from the City of Appleton Department of Public Works, Engineering Division shall be met to the satisfaction of the City Engineer prior to the City affixing signatures on the Final Plat.

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12. All lots shall have at least fifty (50) percent of the minimum required lot area based upon its zoning classification at least two (2) feet above the elevation of the one hundred (100) year reoccurrence interval flood per Section 17-26(i)(1) of the Subdivision Ordinance. The applicant applying for a building permit shall submit sufficient information to the Appleton Inspections Division for review and approval that the requirements of Section 17-26(i)(1) of the Subdivision Ordinance are satisfied prior to the issuance of building permit.
13. All approvals and permits for this development must be obtained from all appropriate regulatory agencies and be submitted to the City Engineer for review prior to the issuance of any City permit to commence construction of any public improvement for this development.
14. Proposed landscaping berm construction within the plat boundaries shall be subject to the provisions of Section 23-601(f)(15) a., b., and c. of the Appleton Municipal Code as well as the approved drainage and grading plan and stormwater management plan for Apple Ridge.
15. The following streets within the Final Plat are to be classified as follows:

- Peregrine Boulevard: Local Street
- Baldeagle Court: Local Street
- Baldeagle Drive: Collector Street
- Osprey Drive: Local Street
- Harrier Court: Local Street
- Harrier Lane: Local Street

16. A Development Agreement being made and entered into by and between the City of Appleton and the applicant/owner, and any amendments related thereto, prior to the issuance of any permit to commence construction of any public improvement.
17. The Final Plat shall be recorded within 12 months from the approval date of the last approving authority and within 36 months from the approval date of the first approving authority. Failure to do so requires the subdivider to recommence the entire procedure for Final Plat approval.





## Apple Ridge

Part of Lot 1 CSM 3850 located in the Northwest $1 / 4$ of the Fractional Northwest $1 / 4$ ；part of the Southwest $1 / 4$ of the Fractional Northwest $1 / 4$ ；part of the
Southeast $1 / 4$ of the Fractional Northwest $1 / 4$ ；part of Northeast $1 / 4$ of the Fractional Southeast $1 / 4$ and part of Lot 2 CSM 3863 ，located in part of the Southeast $1 / 4$ of the Fractional Northwest 114 ；part of Northeast $1 / 4$ of the Fractional Southeast $1 / 4$ and part of Lot 2 CSM 3863 ，located in part of the
Northwest $1 / 4$ of the fractional Southwest $1 / 4$ all located in Section 06，Township 21 North，Range 18 East，City of Appleton，Outagamie County，Wisconsin

| CURVE TABLE |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cure | Radius | Chord Direction | Chord Length | Arc Length | Central Angle | Tangent Beaing－in | Tangent Beaing－out |
| C1 | 130．00＇ | S $66^{\circ} 5622^{\prime \prime} \mathrm{W}$ | ${ }^{11.34}$ | 11.34 | $5^{\circ} 00000$ | S6426220＂ w | S6926221＂W |
| C2 | 190.00 | 8149516＂E | 211.43 | ${ }^{224.21}$ | ${ }^{67}{ }^{\circ} 36477^{\prime \prime}$ | S4756552＂E | N64262020＂E |
| с3 | 190．00＇ | S $577^{4} 42^{2120} \mathrm{E}$ | ${ }^{64.39}$ | ${ }^{64.70^{\prime}}$ | ${ }^{19} 9300^{\prime 0}$ | S4756652＂E | 67272732E |
| C4 | 190.00 | S7595200＂E | 54．83＇ | 55．03 | $16^{\circ} 35356^{\circ}$ | S $677^{\circ} 22^{\prime 2} 32^{\prime \prime} \mathrm{E}$ | S84033090 |
| c5 | ${ }^{190.00 '}$ | N $877^{\circ 99039}{ }^{\circ} \mathrm{E}$ | 54.83 | ${ }^{55.03}$ | ${ }^{16}{ }^{\circ} 55356^{\prime \prime}$ |  | N79921145＂E |
| c6 | ${ }^{190.00^{\prime}}$ | N74＊48424＂ | 30.09 | 30.13 | ${ }^{9050505}$ | N79921115＂E | N7009610＂ |
| c7 | 190．00＇ |  | ${ }^{19.33^{\prime}}$ | ${ }^{19.33^{\prime}}$ | $5^{529949 "}$ | N70961＇10＂E | 4426220＂E |
| c8 | ${ }^{677.00}$ | S 4994023＂E | ${ }^{71.13 '}$ | ${ }^{71.17}$ |  | 1020 | ${ }^{9} 42^{\prime}$ |
| c9 | 677.06 | S $499^{\circ} 54044^{\prime \prime} \mathrm{E}$ | ${ }^{65.75}$ | 6.78 | $5^{53} 3400$ | S $52^{2} 4100^{10}{ }^{\text {E }}$ | S4707044 |
| C10 | ${ }^{677.00}$ | S $46^{56523} 3^{\prime \prime} \mathrm{E}$ | 5．39＇ | 5．39＇ | $0^{02722^{\prime \prime}}$ | S47007044E | S4609942＂E |
| $\mathrm{Cl}_{1}$ | 433．00 | S $42^{2} 4106^{10} \mathrm{E}$ | ${ }^{150.37^{\prime}}$ | 151．14 | 1995956＂ | S244109＂E | 204104 |
| C12 | 800.00 | 价 | ${ }^{215.72}$ | 216．38＇ | $15^{\circ 29948 "}$ | S $577^{\circ} 5452{ }^{\prime \prime} \mathrm{E}$ |  |
| ${ }^{\text {c13 }}$ | 1628．65＇ | N 0993957 E | 352．14 | ${ }^{52.83}$ | $1^{22^{224445 "}}$ |  | N0329733＂E |
| ${ }^{\text {C14 }}$ | ${ }^{140.00^{\prime}}$ | N189912000 W | 89.03 | ${ }^{00.60}$ | $3^{3} 7^{\circ} 044111$ | S00202020 ${ }^{\circ} \mathrm{W}$ | S $36^{2944217 E}$ |
| C15 | 1167 | N $88399177{ }^{\text {W }}$ | 55．52＇ | 55．52＇ | ${ }^{2043277^{\prime \prime}}$ | N8791733＂W | S 8995900＂ w |
| C16 | 280．00 | N7692259＂ W | $13^{\prime}$ | 107．80 | ${ }^{22^{\circ} 0^{3} 30^{\prime \prime}}$ | S65921144 | S $87^{\circ 24444 " E}$ |
| $C^{17}$ | 120．00＇ | N7693710＂ W | $46.89{ }^{\text {4 }}$ | 47.19 | $22^{\circ} 3^{1152^{\prime \prime}}$ |  | S6592114＂E |
| C18 | ${ }^{120.00}$ | 7359555＂ | 36.07 | 36．21 | 17901721＂ | S $65^{5} 211^{1 / 44^{\prime} \mathrm{E}}$ | S $82^{2938353 " E}$ |
| C19 | ${ }^{122.00^{\prime}}$ | N $8591551^{\prime \prime} \mathrm{W}$ | 10．98＇ | 10．98＇ | ${ }^{59144^{\prime 11}}$ | N $82^{29} 833^{\prime \prime}{ }^{\text {W }}$ | N8759306＂ W |
| C20 | ${ }^{880.00}$ | S $800^{27244{ }^{4} \mathrm{E}}$ | 227.55 | 228．19 | ${ }^{14^{5} 512^{\prime 2}}$ | S87\％5306＂E | S7300141＂E |
| C21 | 880.00 | N8621 | 47．14＇ | 47．14＇ | ${ }^{30} 4$ | N87\％5306＂ W | N8448857\％W |
| C22 | 880．00＇ | （1）${ }^{2} 01$ | 55．05＇ | 55．06＇ | ${ }^{3} 35$ | N8448577＂W | ＂w |
| ${ }^{\text {C23 }}$ | 880.0 | N792533 | 55．44＇ | 55．45＇ | ${ }^{\text {3 }}$ 36337＂ | N81913522＂W | N77937115＂W |
| ${ }^{\text {c24 }}$ | 880．00＇ | N754353＂W | 58.03 | 58.04 | ${ }^{3966444}$ | N7793715＂ W | N7390．30＂ W |
| ${ }^{\text {c25 }}$ | ${ }^{880.00}$ | N73926060＂W | ${ }^{12.50}$ | ${ }^{12.50}$ | $0^{0888500}$ | N73505030＂ W | N73001414 W |
| ${ }^{6} 26$ | 00＇ | S $52^{222} 33^{\prime \prime} \mathrm{E}$ | 141.08 | 144.18 | $41^{1} 18^{\prime 1} 6^{\prime \prime}$ | $573^{\circ} 10^{1411^{\prime \prime}} \mathrm{E}$ | S3104324＂E |
| ${ }^{\text {c27 }}$ | $200.00^{\prime}$ | N64542 | $56.51^{\prime}$ | $56.70^{\circ}$ | $16^{\circ} 143^{47}$ | $73^{\circ} 0^{\circ} 144^{\prime \prime} \mathrm{W}$ | 4704＂ W |
| ${ }^{\text {c28 }}$ | 200.00 | N4993442＂W | ${ }^{50.18}$ | $50.33^{\prime}$ | ${ }^{14^{2} 24444^{\prime \prime}}$ | ${ }^{\text {N } 56447044^{\prime} \mathrm{W}}$ | N 4292221＂ W |
| ${ }^{4} 29$ | 200.00 | N $38^{9} 4542^{\prime \prime} \mathrm{W}$ | $25.19^{\prime}$ | 25．21 | ${ }^{7}{ }^{191316^{19}}$ | N4292224＂W | N $35^{\circ 909044} \mathrm{~W}$ |
| ${ }^{\text {c30 }}$ | 200.00 | N33265＇14＂W | ${ }^{11.96}$ | ${ }^{11.97}$ | ${ }^{3255400^{\prime \prime}}$ | N 3509094＂W | ${ }^{\text {N } 31^{\circ} 43244^{4} \mathrm{~W}}$ |
| C31 | 120．00＇ | $573^{3} 8832$ | 160．34＇ | ${ }^{175.59}$ | ${ }^{83^{5} 501616 "}$ |  | N6426220＂E |
| C32 | 120．00＇ | N $3^{\circ} 13^{13}$ | 6.29 | 6.29 | ${ }^{300}$ | 314324＂ W | 333＂ w |
| ${ }^{\text {c } 33}$ | $120.00^{\circ}$ | N7508336＂W | ${ }^{155.61}$ | $169.30^{\circ}$ | ${ }^{80} 0^{\circ} 50077$ | ${ }^{\text {N } 3443333^{\prime \prime}} \mathrm{W}$ | $\mathrm{S}_{644^{\circ} 26^{\prime 2} 0^{\prime \prime} \mathrm{w}}$ |
| C34 | ${ }^{60.00^{\prime}}$ | S 18902000＂E | 38．15＇ | ${ }^{38.83}$ | ${ }^{37}{ }^{\circ} 044411$ | S $36^{6} 44^{412} \mathrm{E}$ | S00202020 w |
| ${ }^{\text {c }} 35$ | 723．38 | S84915277\％ | 101．01 | 101．09 | $8^{800}{ }^{\prime 2} 5^{\prime \prime}$ | N $88^{\circ} 154400^{\prime \prime} \mathrm{E}$ | N $80^{\circ} 15155^{\prime \prime} \mathrm{E}$ |
| ${ }^{\text {c36 }}$ | ${ }^{60.00}$ |  | 60.01 | ${ }^{314.15}$ | 299959338 | S21914436＂W | S 38944545＂E |
| ${ }^{\text {c37 }}$ | 60．0＇ | N8229516＂ W | 82.84 | 91.44 | $87^{\circ} 1900111$ | S $53^{495} 514{ }^{\circ} \mathrm{W}$ | N 38845445＂ W |
| ${ }^{\text {c } 38}$ | 60．0＇ | S $077^{24488^{\prime \prime} \mathrm{W}}$ | ${ }^{87.06}$ | ${ }^{97.40^{\prime}}$ | ${ }^{93} 000511$ | S $39^{\circ} 05^{\circ} 37{ }^{\circ} \mathrm{E}$ E | S $53^{\circ 5} 564^{\prime \prime} \mathrm{W}$ |
| ${ }^{\text {c39 }}$ | 60．00 |  | ${ }^{40.87}$ | $41.70^{\circ}$ | 3949919＂ | S78 ${ }^{\circ} 54577^{\prime \prime} \mathrm{E}$ | S 3900577＂E |
| C40 | ${ }^{60.00}$ | N7322258＂E | 55．78＇ | 58．02＇ |  |  | S7885457＂E |
| ${ }^{4} 41$ | 60．0＇ | N 3329744 | $25.40^{\circ}$ | 25．59＇ | $24^{29} 6^{4} 16^{\prime \prime}$ | N $21^{\circ} 14336^{\prime \prime} \mathrm{E}$ | N $45^{4} 405^{4} 3^{\prime \prime} \mathrm{E}$ |
| ${ }_{4} 42$ | ${ }^{1220.00^{\prime}}$ | N87793939 E | 224．42＇ | 224．74 | ${ }^{10} 0^{\circ} 33^{16} 6^{\prime \prime}$ | N8200201＂E | S $87^{\circ} 24444^{\text {E }}$ |
| C43 | ${ }^{1220.00^{\prime}}$ | N83003499＂E | ${ }^{43.87}$ | 43．87＇ | ${ }^{203} 3^{\circ} 3^{\prime \prime}$ | N8200201＂E |  |
| C44 | ${ }^{1220.00}$ | N8597730＂E | 58.11 | 58.12 | ${ }^{2434346^{\prime \prime}}$ | ${ }^{\text {N } 84{ }^{\circ} 055^{\circ} 8^{\prime \prime} \mathrm{E}}$ |  |
| ${ }_{4} 4$ | 1220.00 | N 88811070 ${ }^{\text {E }}$ | 58.01 | 58.01 | ${ }^{243432^{\prime \prime}}$ | N $86^{699923 " E}$ | N $899325{ }^{\prime \prime \prime}$ |
| ${ }_{4} 46$ | ${ }^{122}$ | S 8895556＂E | 64．73＇ | 64．74＇ | $3^{302}$ | N $8993251{ }^{\text {² }}$ E | S $87{ }^{\circ} 24444^{\prime \prime} \mathrm{E}$ |
| C47 | 220.00 | S7692259＂E | 84．18＇ | ${ }^{84.70^{\prime}}$ | ${ }^{22^{\circ} 0333^{\prime \prime}}$ | S $877^{24444 " E}$ | S65921144E |
| C48 | ${ }^{180.00^{\prime}}$ | S76＂377010 | ${ }^{70.33^{\prime}}$ | ${ }^{70.78}$ | $22^{\circ} 3^{1 / 152^{\prime \prime}}$ | S65921144E | $587^{\circ} 53^{30606}$ |
| ${ }_{4} 49$ | ${ }^{820.00}$ |  | 212.04 | 212．63＇ | ${ }^{14^{5} 5^{12} 2^{\prime \prime}}$ | S $877^{\circ} 5300^{\prime \prime} \mathrm{E}$ | S730014111E |
| C50 | 820.00 | S859302727 | 68．04 | 68．06 | $44^{445200}$ | S87\％53006＂E | S88807477＂E |


| CURVE TABLE |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cure | Radius | Chord Diection | Chord Lent | Arc Lengh | Central Angle | Tangent Bearing－in | Beaing－out |
| C51 | ${ }^{820.00}$ | S7800444＂E | 144.39 | $14.57{ }^{\text {P }}$ | $10^{\circ 060606 "}$ | S $83^{\circ} 7747^{\prime \prime} \mathrm{E}$ | S73001414 |
| C52 | 140．00＇ | S52 $2^{2} 22^{2} 2^{\prime \prime}$ E | ${ }^{98.75}$ | 100．93＇ | $41^{1918177^{\prime \prime}}$ | S730014141E | S3104324＇E |
| C53 | 470．00＇ | S6829513＂ W | 165．55＇ | 166．42＇ | ${ }^{2017}$ | 5891636＂W | S $788^{\circ 335000} \mathrm{~W}$ |
| C54 | 1080．00 | S7684942＂W | 65．43＇ | ${ }^{65.444^{\prime}}$ | ${ }^{3} 288177^{\prime \prime}$ | S $7893350{ }^{\text {W W }}$ | S750533＂ W |
| ${ }^{5} 55$ | 1080．00 | S7694942＂ | 65．43＇ | ${ }^{65.444^{\prime}}$ | ${ }^{328}$ | S7893350＂ w | 33＂W |
| c56 | 1080.00 | S $73^{3} 3427^{\text {w }}$ W | 57．24 | 57.24 | $3^{302} 13^{\prime}$ | S750953＂ W | S $72^{\circ} 3^{\text {a }}$ 21＂ W |
| C57 | 220．00＇ | N819291044＇E | 71.07 | ${ }^{71.38}$ | ${ }^{1893533^{17}}$ | S $899^{\circ 111^{2}}$ | N7200323＂E |
| C58 | 220 | S $7994155^{\prime 2}$ | 58．52＇ | 58.69 | ${ }^{15917}{ }^{\circ}$ | S $87^{202028 " W}$ | S $72^{\circ}{ }^{\circ} 3^{2111}$ |
| C59 | 130．00＇ | N53932711＂E | 156．87＇ | ${ }^{168.40^{\prime}}$ | ${ }^{744^{\prime 1} 3^{13}{ }^{\prime \prime}}$ | N16．2534＂E | $589^{\circ} 2^{\prime 11^{\prime 2}} \mathrm{E}$ |
| c60 | 220．00＇ | S $888^{\circ} 5938^{\prime \prime} \mathrm{W}$ | 12.69 | 12.69 | ${ }^{39} 18199$ | N 89021112＂W | S $87^{\circ 2020284}$ |
| ${ }^{661}$ | 130．00＇ | S $80^{\circ} 3033^{\prime \prime} \mathrm{W}$ | 45.76 | ${ }^{46.00}$ | 20961331＂ | S702216＂ W | N8909142＂ W |
| ${ }^{6} 62$ | ${ }^{130.00}$ | S $599^{22} 1^{\prime 16^{\prime \prime}} \mathrm{W}$ | 49.61 | 49.92 | $2^{2000001 "}$ | S4822915 ${ }^{\text {W }}$ | S7022216＂W |
| C63 | 130 | $25^{28}$ | 53．82＇ | 54．21＇ | ${ }^{23^{\circ} 53344^{\prime \prime}}$ | ＂ | 215＂ |
| C64 | 130．00＇ | S 20 $0^{\circ 27077} \mathrm{w}$ | 18．25＇ | 18.27 | $8^{\circ}{ }^{\circ} 3077^{\prime \prime}$ | S 1625234＂W | S $2428841{ }^{\text {W }} \mathrm{w}$ |
| ${ }^{6} 65$ | 360．00＇ | N32911020＂E | $195.53^{\prime}$ | 198.02 | ${ }^{1} 1^{130556 "}$ | N4796630＂E | N1692534＂E |
| ${ }_{6} 66$ | 360．00＇ | $\mathrm{S}^{19^{94844110 ~} \mathrm{~W}}$ | 2.52 | 2.54 | 6846＇44＂ | S $23^{\circ 911488^{\circ} \mathrm{W}}$ | S $166^{25334}{ }^{\text {W }}$ |
| C67 | 360．00＇ | S $27{ }^{\circ} 5253^{\prime \prime} \mathrm{W}$ | 58．80 | 58.87 | ${ }^{9} 922^{1210}$ | ${ }^{\text {S } 32^{\circ} 33558^{\prime \prime} \mathrm{W}}$ | S $23^{\circ 91148^{\prime \prime} \mathrm{W}}$ |
| ${ }_{68} 68$ | 360．00＇ | S $37^{7} 11112^{\prime \prime}$ W | 58．00＇ | 58．06 | ${ }^{92942881}$ | S4148826＂W | S $32333588^{\prime \prime}$ |
| C69 | 360．00＇ | s4495288＂ W | ${ }^{38.53 '}$ | 38．54 | ${ }^{6088044}$ | S47956330＂ W | S41498826＂W |
| C70 | 133000 |  | $169.88^{\prime}$ | 185.13 | ${ }^{81 \times 3544^{\prime \prime}}$ | N $33^{\circ} 93914{ }^{\text {W W }}$ | N47956300＂E |
| C71 | ${ }^{130.00}$ | S $43^{3} 3252^{\prime \prime} \mathrm{W}$ | ${ }^{19.92^{\prime}}$ | 19.94 | ${ }^{8477177}$ | $\mathrm{S}_{39^{\circ 90913 " W}}$ | S47 $7^{\circ 563300}$ |
| c72 | ${ }^{130.00}$ | S2759901＂ W | 50.3 | 50.6 | ${ }^{22^{2202253 "}}$ | S $16^{\circ} 88488^{\prime \prime} \mathrm{W}$ | S $39^{\circ 909913}{ }^{\prime \prime} \mathrm{W}$ |
| C73 | 130．00＇ | s 05 | $51.47^{\prime}$ | 51．81 | ${ }^{22^{2} 500^{\circ} 3^{\prime \prime}}$ | S $08^{\circ} 01115^{\prime \prime} \mathrm{E}$ | S 16988488＂W |
| C74 | 130.00 | S 19950 | 62.09 | 62．70 | 2797759＂ | S $33^{\circ} 99144^{\text {E }}$ E | S06801115 ${ }^{\text {E }}$ |
| c75 | 500．00＇ | S4720244＂ | 236．70＇ | 238．96＇ | ${ }^{27293}{ }^{2300}$ |  | S6102914＂E |
| C76 | 500．00＇ | S4103334＇E | 128.89 | ${ }^{129.25 '}$ | $14^{448833^{\prime \prime}}$ | S 33 $399144^{\text {E }}$ | S48927753＂E |
| C77 | 500 | S51㐌6．34＂E | ${ }^{60.67}$ | 60．71 | ${ }^{65} 5^{\circ} 73^{3 \prime}$ | S48827753＂E |  |
| C78 | 50．00＇ | S58931345＂E | 48．99＇ | ${ }^{49.01}$ | ${ }_{5}{ }^{5} 36$ | S $55^{2} 255^{\prime \prime} 6^{\prime \prime}$ E | S6102\％${ }^{144^{\prime \prime} \mathrm{E}}$ |
| c79 | 370．00＇ | S4785717］ | $167.50^{\prime}$ | 168．97＇ |  | S6102\％${ }^{144^{\prime \prime} \mathrm{E}}$ | S 3445220＂E |
| c80 | ${ }^{70.00^{\prime}}$ | S $25^{\circ 2} 8^{833^{\prime \prime}} \mathrm{E}$ | 50．59 | 51．77 | $4^{22^{2} 22^{1} 13^{\prime \prime}}$ | S4603942＂E | S $044^{4} 72^{29}{ }^{\text {a }}$ |
| C81 | 280．00＇ | S $22^{29} 211^{14}{ }^{\text {a }}$ E | 173．55＇ | 176．48＇ | ${ }^{36} 6^{\circ 66488^{\prime \prime}}$ | S $044^{\circ} 7750^{\prime \prime} \mathrm{E}$ | S40 $0^{\circ} 4438{ }^{\text {a }}$ E |
| C82 | 280 | S $06^{\circ} 43355^{\text {a }} \mathrm{E}$ | 23．79＇ | ${ }^{23.80}$ | $4^{\circ} 52^{\prime} 10^{\prime \prime}$ | S $044^{9} 77500 \mathrm{E}$ | S $09^{9} 100^{\prime \prime 0} 0^{\prime \prime} \mathrm{E}$ |
| C83 | 280．00＇ | S $15^{5} 32559^{\circ \prime}$ | 62．26＇ | ${ }^{62.39}$ | $12^{2} 4$ | S $099100^{\prime 0} 0^{\prime \prime} \mathrm{E}$ | S2195558＂E |
| C84 | 28.00 | S $27^{\circ} 52558^{\prime \prime} \mathrm{E}$ | 8．05 | 8．16 | ${ }^{15}{ }^{\circ} 5400$ | S2195558＂E | S $33^{2494585}$ |
| c85 | 280.00 | S $37^{\circ} 0^{\circ} 718^{\prime \prime} \mathrm{E}$ | ${ }^{32.13}$ | ${ }^{32.14}$ | $6^{\circ}{ }^{\circ} 4400^{\prime \prime}$ | S 3394958＂E | S $40^{\circ 24333^{\prime \prime} \mathrm{E}}$ |
| c86 | ${ }^{70.00^{\prime}}$ | N $20^{\circ} 0752^{\prime \prime} \mathrm{W}$ | ${ }^{48.53}$ | 49．56＇ | $40^{\circ 3} 344^{\prime \prime}$ | N $0^{\circ} 909011$ E | N $40^{2244545}$ |
| C87 | 60.00 | N44916400＂E | 83．59 | 284．52＇ | 271944135＂ | S $88^{\circ} 25553^{\prime \prime} \mathrm{W}$ | S000728＂W |
| C88 | 60.0 | N3400421910 | 67．44 | ${ }^{71.62}$ | 6892337＂ | N68961099 W | N00\％0728＂E |
| c89 | 60.00 | S7600624＂W | 69．90＇ | ${ }^{74.61}$ | ${ }^{7114455^{\prime \prime}}$ | S4028856＂ W | N68996090 w |
| c90 | 60.00 | S $20^{\circ} 12557 \mathrm{~W}$ | 41．57 | 42.45 | $40^{\circ} 3^{1 / 55^{\prime \prime}}$ |  | S402856＂ W |
| c91 | ${ }^{60.00}$ | S $20^{\circ 199000 ~} \mathrm{E}$ | 41．57＇ | 42，45＇ | $40^{\circ}{ }^{1 / 558}$ | S $40^{\circ} 39459{ }^{\text {E }}$ | S00003020＇E |
| C92 | 60.00 | S $60^{\circ} 505588^{\prime \prime} \mathrm{E}$ | 41．57 | ${ }^{42.45}$ | $40^{\circ} 3158^{\prime \prime}$ | S81066577 E | S40 ${ }^{\circ} 34599^{\text {E }} \mathrm{E}$ |
| C93 | ${ }^{60.00}$ | S86020 ${ }^{\circ}{ }^{\prime \prime}$ | ${ }^{10.93}$ | ${ }^{10.95}$ | $10^{\circ 27710^{\prime \prime}}$ | N $88^{\circ} 2553^{\prime \prime} \mathrm{E}$ | 58100657 F |
| C94 | 130．00＇ | N73016060＂E | ${ }^{75.50^{\prime}}$ | $78.61^{\prime \prime}$ | 33²4550＂ | S 89950590 E | N5692311＂E |
| C95 | ${ }^{70.00^{\circ}}$ | S73916060＇ W | ${ }^{40.66}$ | 41.25 | ${ }^{3344550}$ | N5623311＂E | S $899^{\circ} 50590 \mathrm{E}$ |
| c96 | 133000 | S $20^{\circ} 7{ }^{\circ} 752^{\prime \prime} \mathrm{E}$ | 90．12＇ | $92.03{ }^{\text {9，}}$ | $40^{\circ} 33488^{\prime \prime}$ | S40 $24446^{\text {E }} \mathrm{E}$ | S $000^{\circ} 90901 \mathrm{w}$ |
| C97 | 130.0 | $0^{00^{9} 5^{19} 5^{\prime \prime} \mathrm{W}}$ | $29.00^{\prime}$ | ${ }^{29.06}$ | ${ }^{12}{ }^{2488311}$ | ${ }^{1} 12^{29393900 ~} \mathrm{~W}$ | N $0^{\circ} 090010 \mathrm{E}$ |
| C98 | 133000 | N $25^{\circ} 54255^{\text {W }} \mathrm{W}$ | 59．59＇ | 60．12＇ | ${ }^{26}{ }^{\circ} 99590$ | N 3900920＂ W | N $12^{\circ} 93930^{\prime \prime} \mathrm{W}$ |
| c99 | 133000 | N 39447020＇ w | 2.85 | ${ }^{2.85 '}$ | ${ }^{19151525}$ | N4024445＂W | N 3990920＂ W |
| C100 | 220．00＇ | S $22^{292207 " E ~}$ | 136．27 | 138．55＇ | 36\％0500＂ | S 04419937 E | S40 $0^{\circ} 2437^{\prime \prime} \mathrm{E}$ |


| CURVE TABLE |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cure | Radius | Chord Direcion | Chord Length | Arc Length | Central Angle | Tangent Eearing－in | Ingent Bearing－out |
| C101 | 220.00 | N360152＂${ }^{\text {W }}$ | ${ }^{31.88{ }^{\prime}}$ | ${ }^{31.90}$ | $8^{9} 183{ }^{\text {a }}$ | N32\％605＂ | $\mathrm{N} 40^{\circ}$ |
| C102 | $220.00^{\prime}$ | N $244^{4} 153^{\prime \prime} \mathrm{W}$ | 59.23 | 59.41 | ${ }^{15^{29} 2824}$ | N1693742＂ | N $32^{20} 066^{\circ} 5^{\prime \prime}$ |
| C103 | 220.00 | N $10288^{3} 39 \mathrm{~W}$ | 47．14 | 47．23 | ${ }^{12^{29} 189^{\prime \prime}}$ | N0491937\％W | $16^{6} 3742^{\prime \prime} \mathrm{W}$ |
| C104 | 130.00 | S25930 ${ }^{\circ} 4^{\prime \prime}$ E | $93.81^{1}$ | 95.97 | $42^{2917} 75^{\circ}$ | S4693942＂E | S $044^{421477}$ |
| C105 | 130.00 | N1609946＂ W | 54.44 | 54．84 | $24^{40^{1019} 9^{\prime \prime}}$ | N2824456＂ W | N $4^{4} 41437{ }^{\text {W W }}$ |
| C106 | ${ }^{130.00}$ | N37932190＂ | $41.22^{\prime}$ | 41．40 | ${ }^{18914466^{\prime \prime}}$ | N46＂3942＂ | 2824456＂ |
| C107 | ${ }^{737.00}$ |  | ${ }^{77.44}$ | 77，47 | ${ }^{60} 0^{\prime 2} 22^{\prime \prime}$ | S $52^{2} 4104^{4} \mathrm{E}$ | \％42＂E |
| C10 | 737．00 | N48826317 W | 45．80＇ | ${ }^{45.80^{\prime}}$ | ${ }^{\text {3 }}$ 3339＂ | 5091321＂ | 4639942＂ |
| C109 | ${ }^{73} 7.00$ | N $51{ }^{\circ} \mathrm{z}$ | ${ }^{31.67}$ | ${ }^{31.67}$ | $2^{297444}$ | N5 $2^{24} 4104{ }^{4} \mathrm{~W}$ | 1321＂W |
| C110 | $373.00^{\prime}$ | S41³457＂E | 3，65 | ${ }^{144.55}$ | ${ }^{22^{\circ} 12^{12} 15^{\prime \prime}}$ | S $30 \cdot 28849{ }^{\text {E }}$ E | S $52^{29} 4100^{14} \mathrm{E}$ |
| C111 | 373．00＇ | N5094332＂W | 31．79 | ${ }^{31.80^{\circ}}$ | $4^{453959}$ | N4747759＂W | N $52^{2} 4104^{104} \mathrm{~W}$ |
| ${ }^{4} 112$ | 373．00 | N4198884＂ W | ${ }^{82.12}$ | ${ }^{82.28 '}$ | 12³822 | 550937 | N47477599 W |
| ${ }^{\text {C113 }}$ | 373．00 | N3249413＂ W | ${ }^{30.46^{\prime}}$ | 30.47 | $4^{480} 48^{\prime \prime}$ | N $30^{2884949}$ |  |
| $\mathrm{C}_{1} 14$ | 430.00 | S4554532＂E | 26．62 | 229.3 | ${ }^{30} 3324$ | S6102144＂E | S3028849＂E |
| C1 | 430．00 | N31 | 17．14＇ | 17．14 | $2^{1917017}$ | N324550＂ W | N $30^{\circ 2844949}$ |
| C116 | 430．00 | $\mathrm{N} 40^{\circ} \mathrm{S}^{15}$ | 116．23＇ | 116．59＇ | \％${ }^{1}$ | 55＂ | $32^{24}$ |
| ${ }^{4} 117$ | 430．00＇ | N5440040＂W | 95．41＇ | ${ }^{95.60^{\prime}}$ | $12^{2} 44^{4} 9^{\prime \prime}$ | 100244＂W | 4891755＂W |
| ${ }^{\text {C118 }}$ | 440 | S4720244＂E | 208．29 | ． 29 | ${ }^{27293}{ }^{\text {2300＂}}$ | S $33^{\circ 939144 " E ~}$ | S6102144＂E |
| C1 | 440.00 | N 5922 236＂ w | 25．50＇ | $25.50^{\circ}$ | ${ }^{3}{ }^{29999} 9^{\prime \prime}$ | N $57{ }^{\circ} 4259^{\circ} \mathrm{W}$ | N61002144＂ |
| ${ }^{\text {C12 }}$ | 440.00 | N4882535＂W | 142.06 | $142.68^{\prime}$ | $18^{\circ} 3447{ }^{\prime \prime}$ | N $39^{\circ 8} 8111^{\prime 2} \mathrm{~W}$ | N $57^{\circ} 42459{ }^{\text {W }}$ |
| ${ }^{\text {C121 }}$ | 440.00 | N 3602334＂ W | 42.09 | 42．10＇ | $5^{5} 28$ | N $33^{\circ 99914 " ~} \mathrm{~W}$ | N 39089812＂ w |
| ${ }^{\text {C122 }}$ | ${ }^{70.00^{\prime}}$ |  | 91.47 | ${ }^{99.69}$ | ${ }^{81} 1^{\circ 5544^{\prime \prime}}$ | N $33^{39} 9144^{\text {W }} \mathrm{W}$ | N4796930＂E |
| ${ }^{\text {C123 }}$ | 420.00 | N $32^{\circ} 11102^{\prime \prime} \mathrm{E}$ | 228．12＇ | ${ }^{231.02}$ | ${ }^{3} 1^{3} 355^{\prime 5} 0^{\prime \prime}$ | N4796630＂E | N $16^{\circ} 2534^{\prime \prime} \mathrm{E}$ |
| ${ }^{\text {C12 }}$ | 420.00 | N $46 \% 5558 \mathrm{E}$ | $14.06^{\prime}$ | ${ }^{14.06 '}$ | ${ }^{19550505}$ | N $47^{\circ} 6933^{\circ} \mathrm{E}$ E | $\mathrm{N} 46^{\circ} \mathrm{O} \mathrm{I}^{2}$ |
| ${ }^{\text {C12 }}$ | 420.00 | N415993 | 59.04 | 59．09＇ | ${ }^{80}{ }^{\circ} 3411$ | $\mathrm{N} 46^{\circ} 01{ }^{12} 6^{\prime \prime} \mathrm{E}$ | 744＂E |
| ${ }^{\text {C126 }}$ | 20．00＇ | N $33^{\circ} 595955^{\prime \prime} \mathrm{E}$ | 58．07 | 58．12＇ | $7^{\circ} 954411$ | N3759744＂ | N30\％2004 |
| ${ }^{\text {C127 }}$ | 420.00 | N2495533＂E | ${ }^{74.72^{\prime}}$ | ${ }^{74.82 '}$ | 10912222＂ | N 30020204＂E | N 19949442＂E |
| ${ }^{\text {C128 }}$ | 420.00 | N 18807384＂E | ${ }^{24.93}$ | 24.94 | ${ }^{324088^{\prime \prime}}$ | N $1994942^{\prime \prime} \mathrm{E}$ | N16925344E |
| C129 | 70．00＇ | 53322 | 84．47＇ | ${ }^{90.68 '}$ | ${ }^{744^{\circ} 13^{13} 3^{\prime \prime}}$ | 16 $6^{2} 25^{3} 3^{4} \mathrm{E}$ E | $589^{29111^{2}}$ |
| ${ }^{\text {C130 }}$ | 280.00 | N81291044＂E | ${ }^{90.45}$ | ${ }^{90.85}$ | ${ }^{18935527}$ | $589^{92111^{2} \mathrm{E}}$ | N7200321＂E |
| ${ }^{\text {C131 }}$ | 280.00 | N $888^{9} 11344^{\text {E }} \mathrm{E}$ | $23.98^{\prime}$ | 23.98 | $4^{5} 5422^{\prime \prime}$ |  | N $8584420^{\circ \mathrm{E}} \mathrm{E}$ |
| ${ }^{\text {C132 }}$ | 280．00 | N $822^{\circ} 3805^{\prime \prime}$ | 30．32＇ | 30．34＇ | ${ }^{6{ }^{\circ} 122^{2} 8^{\prime \prime}}$ | 洼4420＂ | 79931511＂ |
| $\mathrm{Cl}^{133}$ | $280.00^{\prime}$ | N7547736＂E | ${ }^{36.50^{\circ}}$ | ${ }^{36.53}$ | ${ }^{\text {22831＂}}$ | N7993151＂E | N72003211＂E |
| C134 | 1020．00 | $\mathrm{N} 75^{\circ}$ | ${ }^{115.80^{\prime}}$ | 115．86＇ | $6^{\circ} 30$ | S $72^{\circ} 0^{2} 211{ }^{1 / \mathrm{W}}$ | S $78{ }^{\circ} 33$ |
| ${ }^{\text {C135 }}$ | 530.00 | S6892913＂ W | ${ }^{186.68}$ | ${ }^{187.66^{\prime}}$ | $20^{\circ}{ }^{17144^{\prime \prime}}$ | S58961386＂ w | S7893350＂ w |
| ${ }^{\text {C136 }}$ | 50．00＇ | N7129150＂E | 132．86＇ | ${ }^{133.21}$ | $14^{2424011}$ | N6409949＂E | N7893350＂E |
| ${ }^{\text {C137 }}$ | 530．00 |  | 54．43＇ | 54．46＇ | ${ }^{5} 53313{ }^{\text {a }}$ | N5809636＂E | $\mathrm{N}_{64099490 \mathrm{E}}$ |

DAVEL ENGIN ENVIRONMENTALING \＆ IVIL ENGINEERING CONSUTACATS


## Apple Ridge

Part of Lot 1 CSM 3850 located in the Northwest $1 / 4$ of the Fractional Northwest $1 / 4$; part of Southwest $1 / 4$ of the Fractional Northwest $1 / 4$; part of the Southeast $1 / 4$ of the Fractional Northwest $1 / 4$; part of Northeast $1 / 4$ of the Fractional Southeast $1 / 4$ and part of Lot 2 CSM 3863 , located in part of the
Oorthwest $1 / 4$ of the fractional Southwest $1 / 4$ all located in Section 06, Township 21 North, Range 18 East, City of Appleton, Outagamie County, Wisconsin

Surevor's Certificate


Given under my hand this __ day of $\qquad$ ${ }^{20}$

James R. Senhlof, Wisconsin Professional Land Surveyor No. S -2692

Ulility Easement Provisions
Areasementor relectic. naural gas, and communications serice is hereby granted by
Apple Tree Appleton Four, LLC, Grantor, to.
Wisconsin Electic Power Company and Wisconsin Gas, LLC, Wisconsin corporations doing business as We Energies, Grantee,
Bc, Grantee,
$\substack{\text { sind } \\ \text { nime Warner Cable, Grantee }}$

 Iolignand upon the propertys shown within those areas on the plat designated as "Utily Easement Areas" and the property,






The grant of easement shall be b binding upon and inure to to the beneffit of the heirs, successors and assigns of all paries hereto

Apple Tree Appleton Four. LLC

Jason Mroz, Authorized Representative

## Owner's Certificate





$$
\begin{gathered}
\text { City y A Appleton } \\
\text { Departmentor of Administaion }
\end{gathered}
$$

Dated this ___ day d $\qquad$ ${ }^{20}$
son Mroz, Authorized Representative
$\underbrace{\text { State of Wisconsin }}_{\text {County ss }}$
Personally came betore me this
property o owner(s) to me k known to
day of
, 20 thand ach the aboverese the the
$\overline{\text { Notary Public, Wisconsin }}$ - My Commission Expires $\qquad$

Storm Sewer Easement Provisions
An easement tor Storm Sewer is hereby y yranted by
Apple Tree Appleton Four, Luc, Grantor, to.
THE CITY OF APPLETON, Grantee,







The grant
The grant of ea ea
paaties hereto.

Apple Tree Appleton Four, LLC
Jason Mroz, Authorized Representativive

Cityo f Appleton Approval
Resolved, that the plat of A popie Ridge, in the C City of Appletion. Outagamie County, Apple Tree Appleton Four, LLC.
Mayor $\quad \overline{\text { Date }}$

Inereby ceritit that the foregoing is a coopy of resolution adopled by the the Common Council of the city od
Appleton.
$\qquad$ $\overline{\text { Date }}$

Treasurers Certificate


| $\overline{\text { city Treasurer }}$ |  |
| :--- | :--- |
| $\overline{\text { Caie }}$ |  |
| $\overline{\text { Conty Treasurer }}$ | $\overline{\text { Date }}$ |


| the property owner of record: | Recording Intomation: | Parcel Numbers): |
| :---: | :---: | :---: |
| Apple Tree Appleton Four, LLC | Doc | 31-1-8307-00; 31-1-8307-02 8 31-1-8307-03 |
|  | Doc No. | 31-1-8307-01 |


|  |
| :---: |

DAVEL ENGINEERING \& ENVIRONMENTAL, INC.


