CITY OF WEST DES MOINES PLAN AND ZONING COMMISSION COMMUNICATION

Meeting Date:

October 8, 2018

Item:

King's Grove Townhomes, 9975 Booneville Rd - Subdivide the property into 90 lots and

1 outlot for a townhome development- King's Grove LLC-PP-003926-2018/SP-003927-

2018

Requested Action:

Recommend approval of Preliminary Plat and Site Plan

Case Advisor:

J. Bradley Munford

Applicant's Request: King's Grove LLC, represented by Erin Ollendike of Civil Design Advantage, is requesting approval of an 11.68 acre Preliminary Plat to create 90 postage stamp lots and 1 outlot for private drives, common use and storm water detention. The applicant is also seeking approval of a Site Plan to allow construction of a 90 lot townhome development.

<u>History</u>: The property was annexed into the city in 2010 as a part of the Raccoon River Annexation. The home on the land was built prior to annexation. The Medium Density Comprehensive Plan designation was established September of 2010. The City Council approved a rezoning from 'Unzoned' to Residential Medium Density (RM-12) on August 7, 2017.

<u>City Council Subcommittee</u>: This item was be presented at the June 11, 2018 Development and Planning City Council Subcommittee as an informational item. The Subcommittee expressed support of the development.

<u>Staff Review and Comment</u>: This request was distributed to other City departments and other agencies for their review and comment. There are no outstanding issues. Staff would note the following:

• Vacation of Stark Drive: The development is proposed to have one of its points of access from Stark Drive, which is a stub street that was constructed as a part of Kings Landing. Stark Drive is an existing public stub street located at approximately the northeast corner of this development. The applicant is proposing to extend a private drive from Stark Drive's current terminus point, west into the townhome development. The extension would be linear in nature, would not provide a turnaround for public service vehicles, and would not have a clear demarcation of where the private drive begins. The applicant has worked with staff and the City intends to vacate approximately 150 feet of the Stark Drive Right-of-Way, west of S 100th Street. Once vacated, the applicant will need to purchase the property at fair market value and add the appropriate access and utility easements necessary for the functionality of the private drive. The vacated ROW will need to be owned by the applicant prior to the approval of a final plat. Staff is comfortable with the applicant's requests and is recommending a condition to that effect.

<u>Comprehensive Plan Consistency</u>: The project has been reviewed for consistency with the Comprehensive Plan. Based upon that review, a finding has been made that the proposed project is consistent with the Comprehensive Plan in that the project is consistent with all of the goals and policies of the Comprehensive Plan and the land use map of the Comprehensive Plan.

<u>Findings</u>: This proposed project was distributed to various city departments for review and comment. Based upon that review, the following findings have been made on the proposed project:

1. The proposed development and use is consistent with the West Des Moines Comprehensive Plan in that the project has been reviewed for consistency with the Comprehensive Plan. Based upon that review, a finding has been made that the proposed project is consistent with the Comprehensive Plan in that the project is consistent with all of the goals and policies of the Comprehensive Plan.

- 2. The proposed development and use does assure compatibility of property uses within the zone and general area in that this project was reviewed by various City Departments for compliance with the Zoning Ordinance.
- 3. All applicable standards and conditions have been imposed which protects the public health, safety and welfare in that this project was reviewed by various City Departments and public agencies for compliance with the various state and local regulations. Based upon that review a finding is made that the project has been adequately conditioned to protect the health, welfare and safety of the community.
- 4. There is adequate on-site and off-site public infrastructure to support the proposed development in that this project was reviewed by various public agencies and City Departments and public utilities to ensure that either the petitioner will construct or the project has been conditioned to construct adequate public infrastructure to serve the development.
- 5. The proposed development and use has met the requirements contained in the City Code in that this project was reviewed by various City Departments and the project has complied with or has been conditioned to comply with all City Code requirements.
- 6. The proposed development and use is in keeping with the scale and nature of the surrounding neighborhood in that the proposed project is consistent with the zoning designation and Comprehensive Plan which designates this site as suitable for development such as that proposed by this project.

Staff Recommendation and Conditions Of Approval: Based upon the preceding review and a finding of consistency with the goals and policies of the Comprehensive Plan, staff recommends the Plan and Zoning Commission adopt a resolution recommending the City Council approve the Preliminary Plat to create 90 lots and 1 outlot and approve the Site Plan to allow the construction of a townhome development and associated site improvements, subject to the applicant meeting all City Codes and the following conditions of approval:

- 1. Applicant acknowledging and agreeing that approximately 150 feet of Stark Drive, west of S 100th Street, shall be vacated and owned by the applicant prior to the approval of a final plat.
- 2. The applicant acknowledging and agreeing to submit a revised site plan that reflects minor revisions requested by Staff prior to the case being heard by the City Council.

Property Owner/Applicant: King's Grove, LLC

Brad Stanbrough

10888 Hickman Road, Suite A

Clive, IA 50325 brad@ele119.com

Applicant's Representative:

Erin Ollendike

Civil Design Advantage

3405 SE Crossroads Drive, Suite G

Grimes, IA 50111 ErinO@cda-eng.com

ATTACHMENTS:

Attachment A - Plan and Zoning Commission Resolution

Exhibit A - Conditions of Approval

Attachment B - Location Map

Attachment C - Preliminary Plat / Site Plan

Attachment D - Building Elevations

RESOLUTION NO. PZC-18-065

A RESOLUTION OF THE PLAN AND ZONING COMMISSION OF THE CITY OF WEST DES MOINES, RECOMMENDING TO THE CITY COUNCIL THAT IT APPROVE A PRELIMINARY PLAT TO SUBDIVIDE THE PROPERTY INTO 90 LOTS AND 1 OUTLOT AND APPROVE A SITE PLAN FOR THE CONSTRUCTION OF A TOWNHOME DEVELOPMENT

WHEREAS, pursuant to the provisions of Title 10 of the West Des Moines Municipal Code, the applicant, The King's Grove LLC, has requested approval for a Preliminary Plat (PP-003926-2018) for that approximately 11.68 acre site located at 9975 Booneville Rd to subdivide the property into 90 postage stamp lots and 1 outlot for private drives, common use and storm water detention.

WHEREAS, pursuant to the provisions of Title 9 of the West Des Moines Municipal Code, the applicant, The King's Grove LLC has requested approval of a Site Plan (SP-003927-2018) for that approximately 11.68 acre site located at 9975 Booneville Rd to allow the construction of 90 unit townhome development and associated site improvements;

WHEREAS, studies and investigations were made, and staff reports and recommendations were submitted which is made a part of this record and herein incorporated by reference;

WHEREAS, on October 8, 2018, this Commission held a duly-noticed public meeting to consider the applications for a Preliminary Plat (PP-003926-2018) and a Site Plan (SP-003927-2018);

NOW, THEREFORE, THE PLAN AND ZONING COMMISSION OF THE CITY OF WEST DES MOINES DOES RESOLVE AS FOLLOWS:

SECTION 1. The findings, for approval, in the staff report, dated October 8, 2018, or as amended orally at the Plan and Zoning Commission meeting of October 8, 2018, are adopted.

SECTION 2. Preliminary Plat (PP-003926-2018) and Site Plan (SP-003927-2018) to subdivide the property into 90 lots and 1 outlot and allow construction of a 90 unit townhome development are recommended to the City Council for approval, subject to compliance with all the conditions in the staff report, dated October 8, 2018, including conditions added at the meeting, and attached hereto as Exhibit "A". Violation of any such conditions shall be grounds for revocation of the permit, as well as any other remedy which is available to the City.

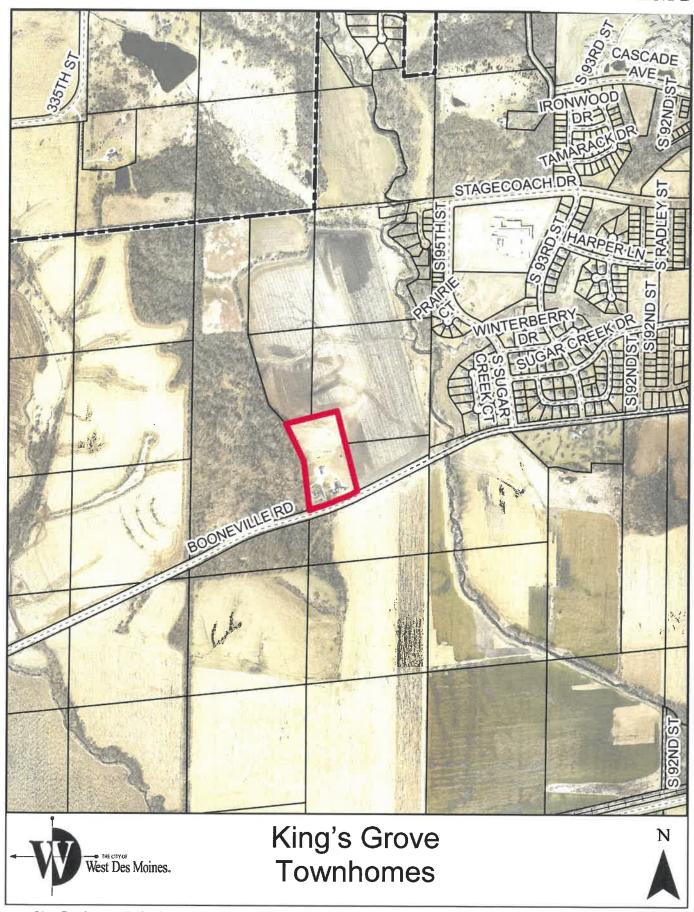
PASSED AND ADOPTED on October 8, 2018.

	Craig Erickson, Chairperson		
ATTEST:	Plan and Zoning Commission		
Recording Secretary			
I HEREBY CERTIFY that the foregoing res of the City of West Des Moines, Iowa, at a regular me	olution was duly adopted by the Plan and Zoning Commission beting held on October 8, 2018, by the following vote:		
AYES:			
NAYS:			
ABSTENTIONS:			
ABSENT:			
ATTEST:			
Recording Secretary			

S:__Development Projects\Boston Property (nka Kings Grove)\Preliminary Plat Site Plan (Kings Grove)\PP-003926-2018-SP-003927-2018_SR_PP SP Kings Grove_PZ_10-08-2018.docx

EXHIBIT A CONDITIONS OF APPROVAL

- 1. Applicant acknowledging and agreeing that approximately 150 feet of Stark Drive, west of S 100th Street, shall be vacated and owned by the applicant prior to the approval of a final plat.
- 2. The applicant acknowledging and agreeing to submit a revised site plan that reflects minor revisions requested by Staff prior to the case being heard by the City Council.



S:__Development Projects\Boston Property (nka Kings Grove)\Preliminary Plat Site Plan (Kings Grove)\PP-003926-2018-SP-003927-2018_SR_PP SP Kings Grove_PZ_10-08-2018.docx

PRELIMINARY PLAT AND SITE PLAN FOR: KING'S GROVE TOWNHOMES

WEST DES MOINES, IOWA

VICINITY MAP

NOT TO SCALE



OWNER / APPLICANT

KING'S GROVE, LLC CONTACT: BRAD STANBROUGH 10888 HICKMAN ROAD, SUITE 3A CLIVE, IOWA 50325 PH. (515) 202-3030

ENGINEER

CIVIL DESIGN ADVANTAGE 3405 SE CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 FX. (515) 369-4410 CONTACT: ERIN OLLENDIKE ERINO@CDA-ENG.COM

SURVEYOR

CIVIL DESIGN ADVANTAGE, LLC CONTACT: CHARLIE MCGLOTHLEN FX. (515) 369-4410

DATE OF SURVEY

JANUARY 23, 2018

BENCHMARKS

- CUT X AT THE SOUTHEAST CORNER OF S. 95TH STREET AND STAGECOACH DRIVE. ELEVATION=106.96
- WDM BM #35 NE CORNER OF INTERSECTION OF MILLS CIVIC PARKWAY & 88TH STREET, 206' EAST OF CENTERLINE OF SOUTH 88TH STREET, 49"
 NORTH OF THE CENTERLINE OF MILLS CIVIC FLEVATION=219.04
- WDM BM #37 SOUTH 88TH STREET, ±2640' SOUTH OF MILLS CIVIC PARKWAY, 32' EAST OF CENTERLINE OF SOUTH 88TH STREET, NEAR THE 1/4 SECTION LINE, 1' WEST OF THE NORTH/SOUTH FLEVATION=194 80

SUBMITTAL DATES

FIRST SUBMITTAL. SECOND SUBMITTAL: 07/06/2018 THIRD SUBMITTAL: 07/31/2018 FINAL SUBMITTAL:

ZONING

RM-12 - RESIDENTIAL MEDIUM DENSITY

COMPREHENSIVE PLAN LAND USE

MEDIUM DENSITY RESIDENTIAL (MD)

DEVELOPMENT SUMMARY

11.68 ACRES (508.620 SF) SETBACKS: FRONT = 50' BUILDING SEPARATION: OPEN SPACE CALCULATION: TOTAL SITE: BUILDINGS

103,248 SF 45,106 SF 38,272 SF PRIVATE STREETS OPEN SPACE PROVIDED = 321,994 SE (63%)

IMPERVIOUS AREA = 202,826 SF (40%) (SIDEWALK = 16.200 SE)

UNITS: 92 UNITS (7.88 UNITS PER ACRE)

TOTAL PROVIDED

PARKING REQUIRED: 2 SPACES PER UNIT TOTAL REQUIRED = 184 SPACES = 198 SPACES

CONSTRUCTION SCHEDULE

ANTICIPATED START DATE = FALL 2018 ANTICIPATED FINISH DATE = SPRING 2019

ANTICIPATED START DATE = FALL 2019 ANTICIPATED FINISH DATE = SPRING 2020

INDEX OF SHEETS

8.0-8.1 LANDSCAPE PLAN

NO. DESCRIPTION COVER SHFFT 1.0 2.0 TYPICAL SECTIONS AND DETAILS 3.0 DEMOLITION PLAN 4.0-4.1 DIMENSION PLAN GRADING PLAN EROSION AND SEDIMENT CONTROL PLAN 7.0-7.1 UTILITY PLAN

- EROSION CONTROL MEASURES WILL BE INSTALLED AND MONITORED BY OTHERS.
 PRIVATE UTILITIES TO BE INSTALLED PER SUDAS SPECIFICATIONS.
- ALL CONSTRUCTION WITHIN PUBLIC ROW/EASEMENTS, AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, SHALL COMPLY WITH THE WEST DES MOINES STANDARD CONSTRUCTION SPECIFICATIONS FOR SUBDIVISIONS AND DSM METRO DESIGN

- SPECIFICATIONS FOR SUBDIVISIONS AND DSM ME IRO DESIGN STANDARDS.

 CONTACT WEST DES MOINES WATER WORKS AT LEAST ONE WEEK PRIOR TO CONSTRUCTION.

 ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 1.5%.

 CONSTRUCTION CANNOT BEGIN ON THE TOWNHOMES UNTIL A FINAL PLAT HAS BEEN REVIEWED AND APPROVED BY THE CITY COUNCIL.

 ALL LONGITUDINAL SIDEWALK SLOPES SHALL NOT EXCEED 5%.

 PRIVATE STREETS AND UTILITIES SHALL BE MAINTAINED BY THE OWNER, TO INCLUDE:

 A DETENTION POND AND APPURTENANCES

 B. PRIVATE STORM SEWER
 C. PRIVATE WATER MAIN AND SERVICES

 E. ALL INTERNAL CIRCULATION ROADS

 PRIOR TO CONSTRUCTION OF ANY PUBLIC IMPROVEMENTS

 ASSOCIATED WITH THIS SUBDIVISION, CONSTRUCTION PLANS FOR SAID IMPROVEMENTS NEED TO BE SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.
- 10. AT LEAST ONE WEEK PRIOR TO ANY CONSTRUCTION WITHIN PUBLIC R.O.W./EASEMENTS AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, THE CONTRACTOR SHALL CONTACT THE WOM ENGINEERING SERVICES 222-3475 TO SCHEDULE ANY REQUIRED INSPECTIONS. IT IS IMPORTANT TO NOTE CITY APPROVAL OF THIS PLAN IS SUBJECT TO THE APPLICANT OBTAINING ALL NECESSARY EASEMENTS/AGREEMENTS AND APPLICABLE PERMITS.

GENERAL LEGEND

MINIMUM PROTECTION ELEVATION

PROPOSED

SECTION LINE SANITARY MANHOLE (\$) CENTER LINE WATER VALVE BOX RIGHT OF WAY FIRE HYDRANT PERMANENT EASEMENT WATER CURB STOP TEMPORARY EASEMENT WELL TYPE SW-501 STORM INTAKE STORM SEWER MANHOLE (57) STORM SEWER SINGLE INTAKE TYPE SW-502 STORM INTAKE STORM SEWER DOUBLE INTAKE Mr. 53 TYPE SW-503 STORM INTAKE FLARED END SECTION DECIDUOUS TREE TYPE SW-505 STORM INTAKE (ioni insui CONIFEROUS TREE TYPE SW-506 STORM INTAKE DECIDUOUS SHRUB TYPE SW-512 STORM INTAKE oS CONIFEROUS SHRUB 0 ELECTRIC POWER POLE ST TYPE SW-513 STORM INTAKE GUY ANCHOR 0 TYPE SW-401 STORM MANHOLE POWER POLE W/ TRANSFORMER ST UTILITY POLE W/ LIGHT H FLARED END SECTION ELECTRIC BOX (3) ELECTRIC TRANSFORMER TYPE SW-301 SANITARY MANHOLE E ELECTRIC MANHOLE OR VAULT (E) STORM/SANITARY CLEANOUT TRAFFIC SIGN WATER VALVE TELEPHONE JUNCTION BOX T FIRE HYDRANT ASSEMBLY TELEPHONE MANHOLE/VAULT (T) TELEPHONE POLE DETECTABLE WARNING PANEL GAS VALVE BOX WATER CURB STOP CABLE TV JUNCTION BOX STORM SEWER STRUCTURE NO. (1) CABLE TV MANHOLE/VAULT MAIL BOX (L-10) STORM SEWER PIPE NO. BENCHMARK (§5) SOIL BORING SANITARY SEWER STRUCTURE NO. UNDERGROUND TV CABLE SANITARY SEWER PIPE NO. (P-10) FIBER OPTIC SANITARY SEWER UNDERGROUND TELEPHONE SANITARY SERVICE OVERHEAD ELECTRIC STORM SEWER UNDERGROUND ELECTRIC STORM SERVICE FIELD TILE ---- - - TILE -- --- --WATERMAIN WITH SIZE — a"w — SANITARY SEWER W/ SIZE WATER SERVICE ____w ___w ___ STORM SEWER W/ SIZE — — 15"ST — — — SAWCUT (FULL DEPTH) WATER MAIN W/ SIZE ----- --- w"8 --- ---SILT FENCE USE AS CONSTRUCTED (UAC)

EXISTING

THE PROJECT REQUIRES AN IOWA NPDES PERMIT #2 AND CITY OF WEST DES MOINES GRADING PERMIT. CIVIL DESIGN ADVANTAGE WILL PROVIDE THE PERMITS AND THE INITIAL STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE CONTRACTORS USE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING THE SWPPP THROUGHOUT CONSTRUCTION AND MEETING LOCAL, STATE AND FEDERAL REQUIREMENTS. ALL CONSTRUCTION MATERIALS, DUMPSTERS, DETACHED TRAILERS OR SIMILAR ITEMS ARE PROHIBITED ON PUBLIC STREETS OR WITHIN THE PUBLIC R.O.W.

THE MOST RECENT EDITION OF THE WEST DES MOINES STANDARD CONSTRUCTION SPECIFICATIONS FOR SUBDIMISIONS, THE 1993 DES MOINES METRO DESIGN STANDARDS WITH THE WEST DES MOINES ADDENDA, AND THE WEST DES MOINES MO WATER WORKS GENERAL SUPPLEMENTAL SPECIFICATIONS FOR WATER INFRASTRUCTURE SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.

THIS DESIGN SPECIFICALLY PREPARED FOR USE AT THE LOCATION SHOWN. USE IN ANY OTHER MANNER EXCEEDS THE INTENDED PURPOSE OF THESE DRAWINGS AND ANY ACCOMPANYING SPECIFICATIONS.



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS

9/26/18

Ceris K. Ollendike ERIN K. OLLENDIKE, P.E.

SHEETS 1.0-7.1

UTILITY WARNING

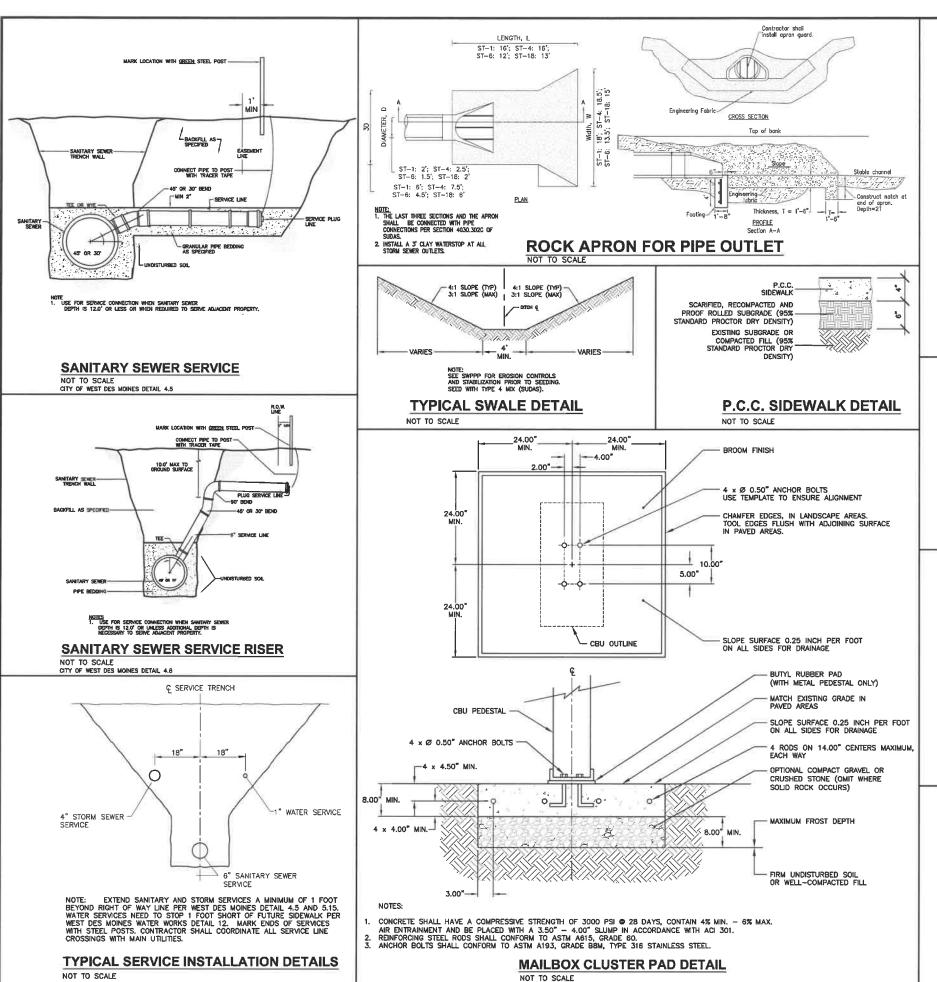
ANY UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEY AND RECORDS OBTAINED BY THIS SURVEYOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL THE UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION SHOWN.

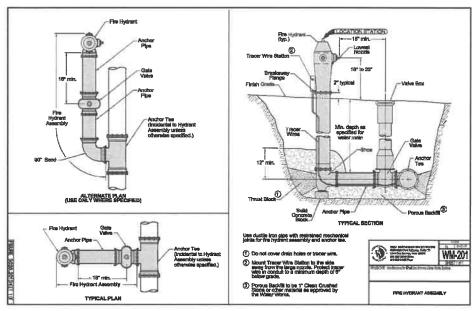


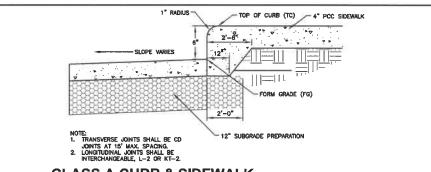
3405 SE CROSSROADS DR. SUITE G. GRIMES, IOWA 50111 PH: (515) 369-4400 Fax: (515) 369-4410 PROJECT NO. 1801.001

1-800-292-8989 www.iowaonecall.com

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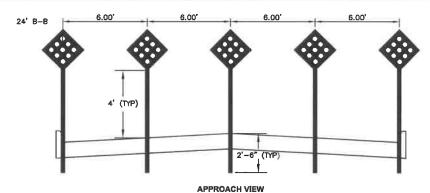




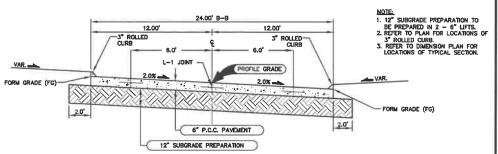


CLASS A CURB & SIDEWALK

NOT TO SCALE



PERMANENT ROAD CLOSURE SIGN SPACING DETAIL NOT TO SCALE SI-182



TYPICAL SECTION - 24' P.C.C. ROADWAY NOT TO SCALE

1801.001 6

SUITE G

15)

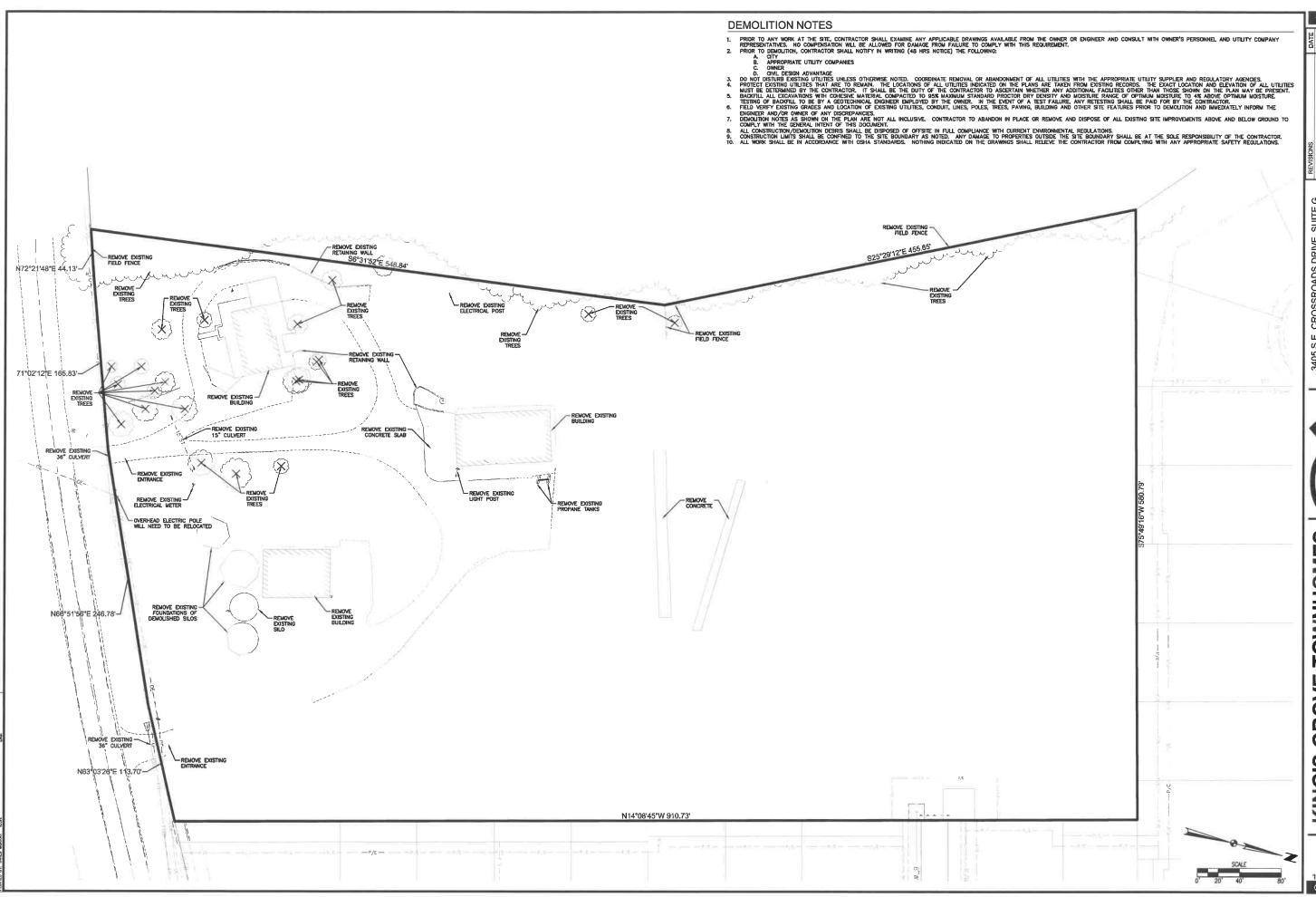
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TOWNHOMES SECTIONS AND DETAILS

GROVE

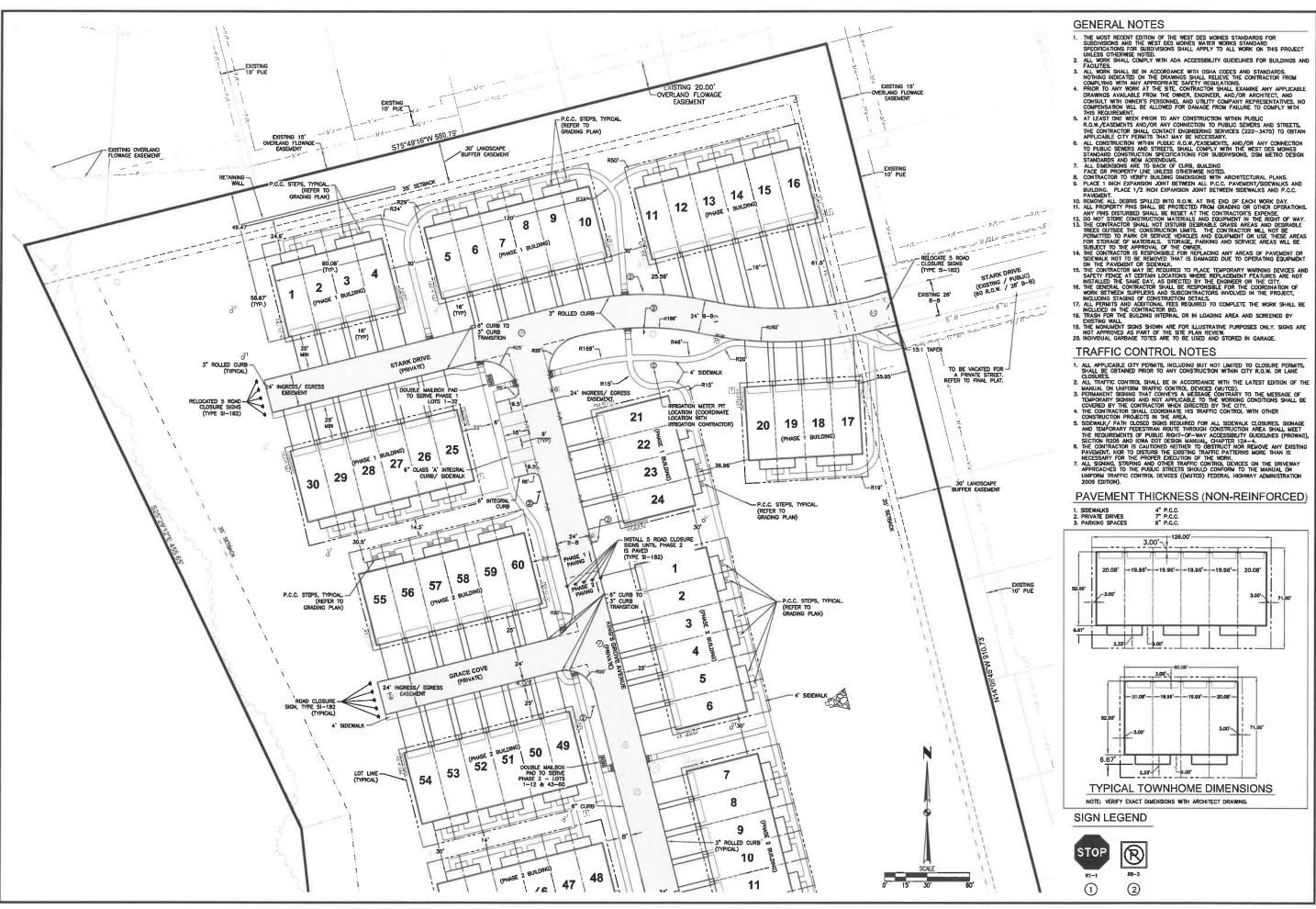
TYPICAL KING'S



3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410 Æ TOWNHOMES

KING'S GROVE TOWNH
DEMOLITION PLAN





1801.001

369-4410

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SUITE G

CROSSR(GRIMES, 15) 369-44

TOWNHOME

GROVE

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DIMENSION PLAN

(2)

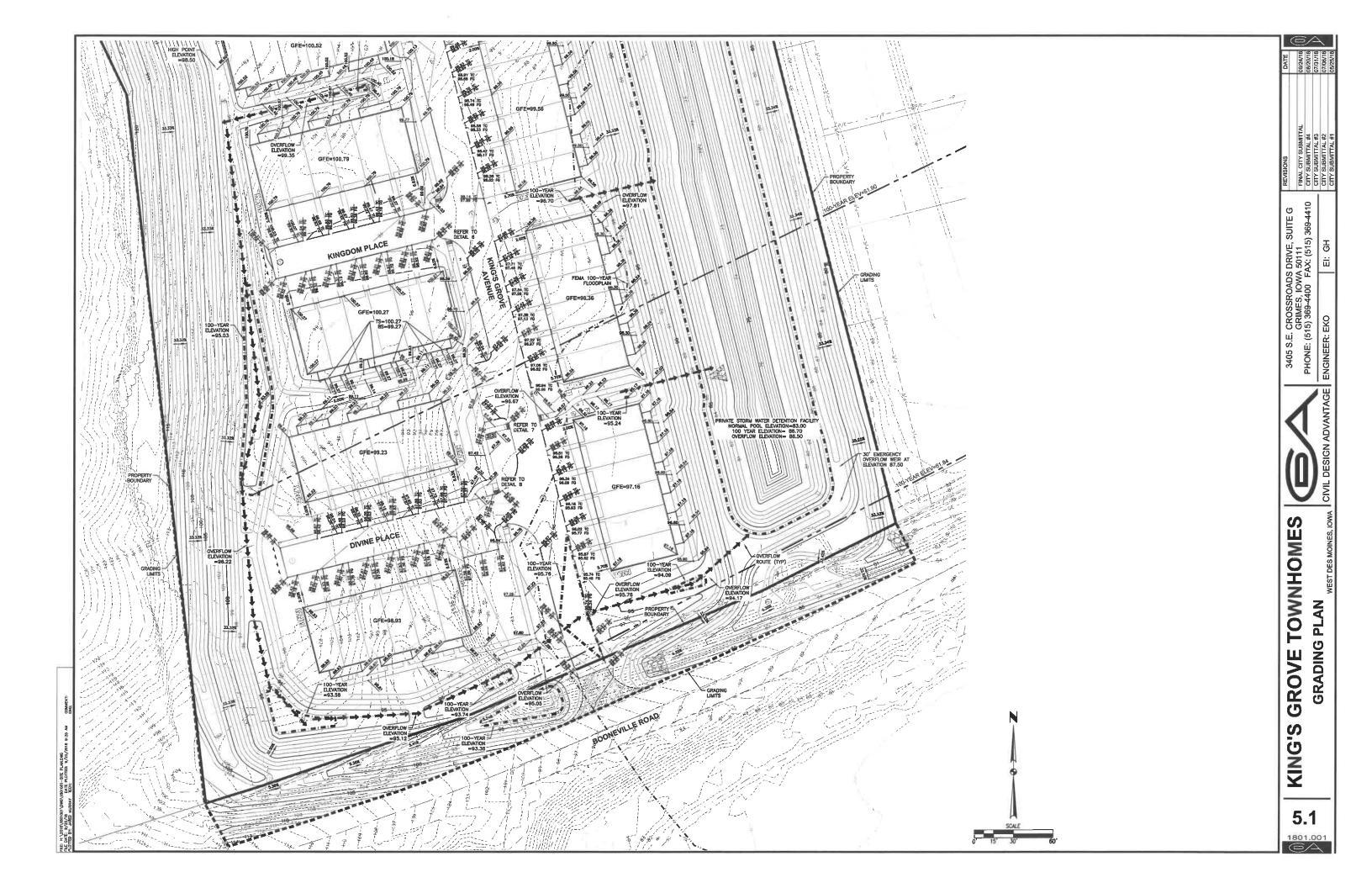


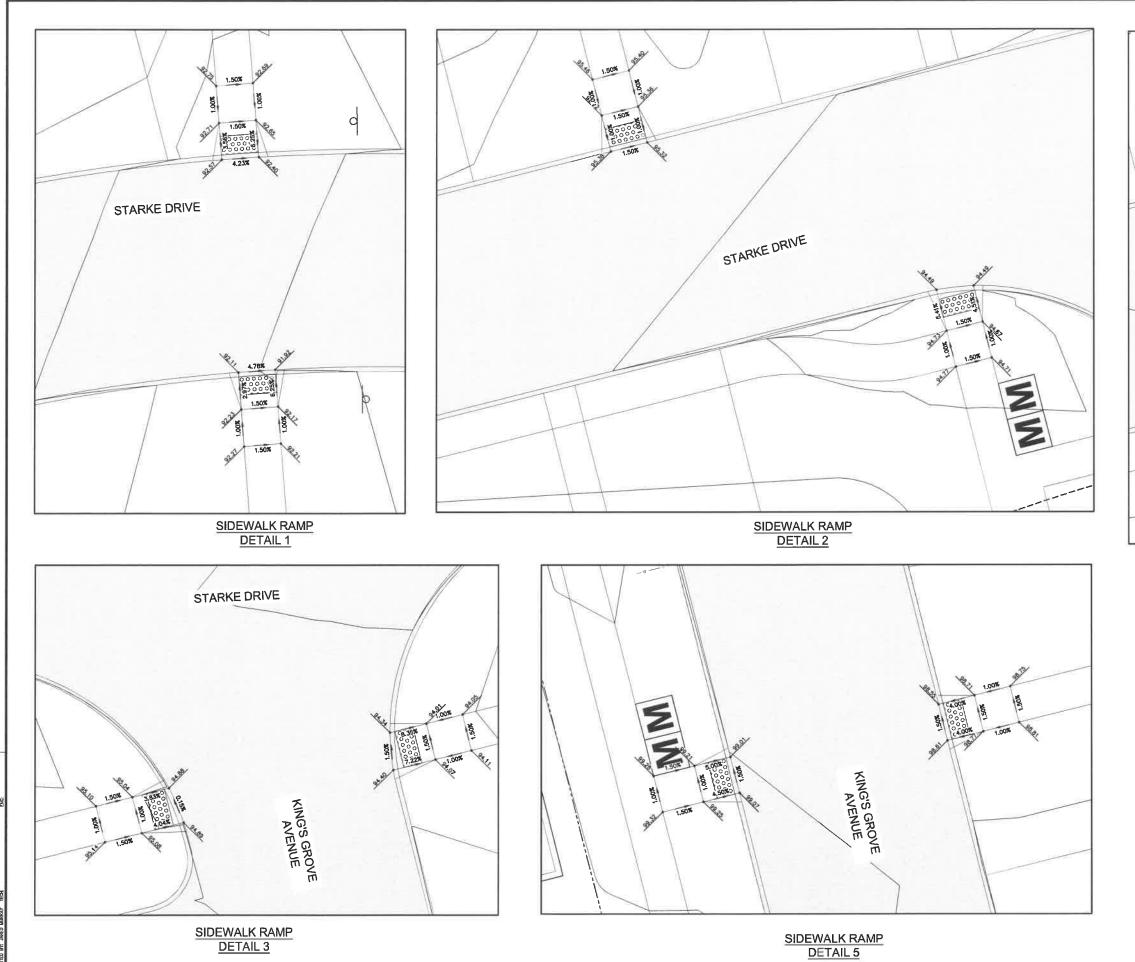


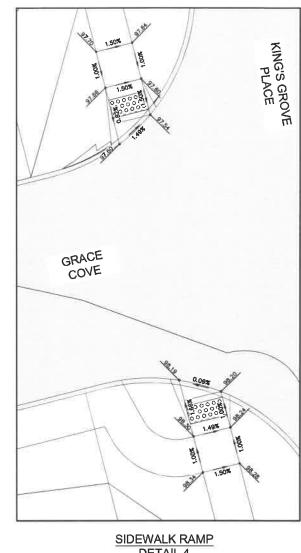
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GRADING PLAN





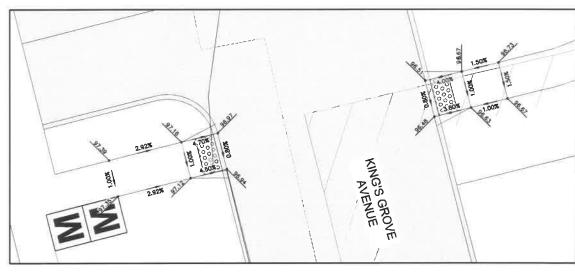


SIDEWALK RAMP DETAIL 4

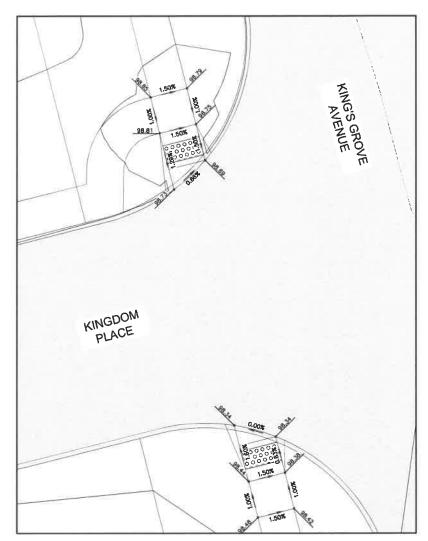
GROVE TOWNHOMES GRADING PLAN KING'S

3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410

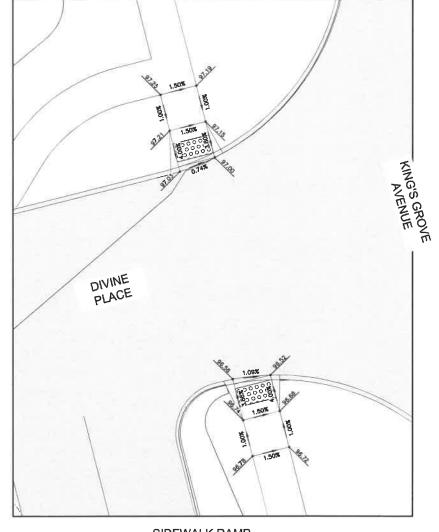
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SIDEWALK RAMP DETAIL 7







SIDEWALK RAMP DETAIL 8

N(801001\DWC\1801001-SITE PLANDWO
725/18
DATE PLOTTED: 9/25/2018 8:25 AM COMMEN
JAKED MURRAY TECH:
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5.3

KING'S GROVE TOWNHOMES

GRADING PLAN

1801.001

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: EKO

KING'S GROVE TOWNHOMES

EROSION AND SEDIMENT CONTROL PLAN





STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	5,125
2	SEEDING, FERTILIZING, AND MULCHING	AC	7.45
3	INLET PROTECTION DEVICES	EA	- 5
4	CONCRÈTE WASHOUT PIT		1
5	12" PVC OR HDPE STANDPIPE		1
6 TYPE 1 TURF REINFORCEMENT MAT		SY	4,000

WEST DES MOINES, IOWA

SWPPP LEGEND

DRAINAGE ARROW X.XX % GRADING LIMITS -----

FILTER SOCK SILT FENCE

DITCH CHECK

0 INLET PROTECTION

R PORTABLE RESTROOM

TEMPORARY STANDPIPE

CONCRETE WASHOUT PIT

UNDISTURBED AREA

RIP-RAP

GRAVEL ENTRANCE

TSB # TEMPORARY SEDIMENT BASIN

STAGING AREA

TURF REINFORCEMENT MAT

DISCHARGE POINT SUMMARY

Volume provided in silt fence (5,125 LF \odot 4.5 CU FT/LF OF Fence) volume provided in 758 #1 total volume provided

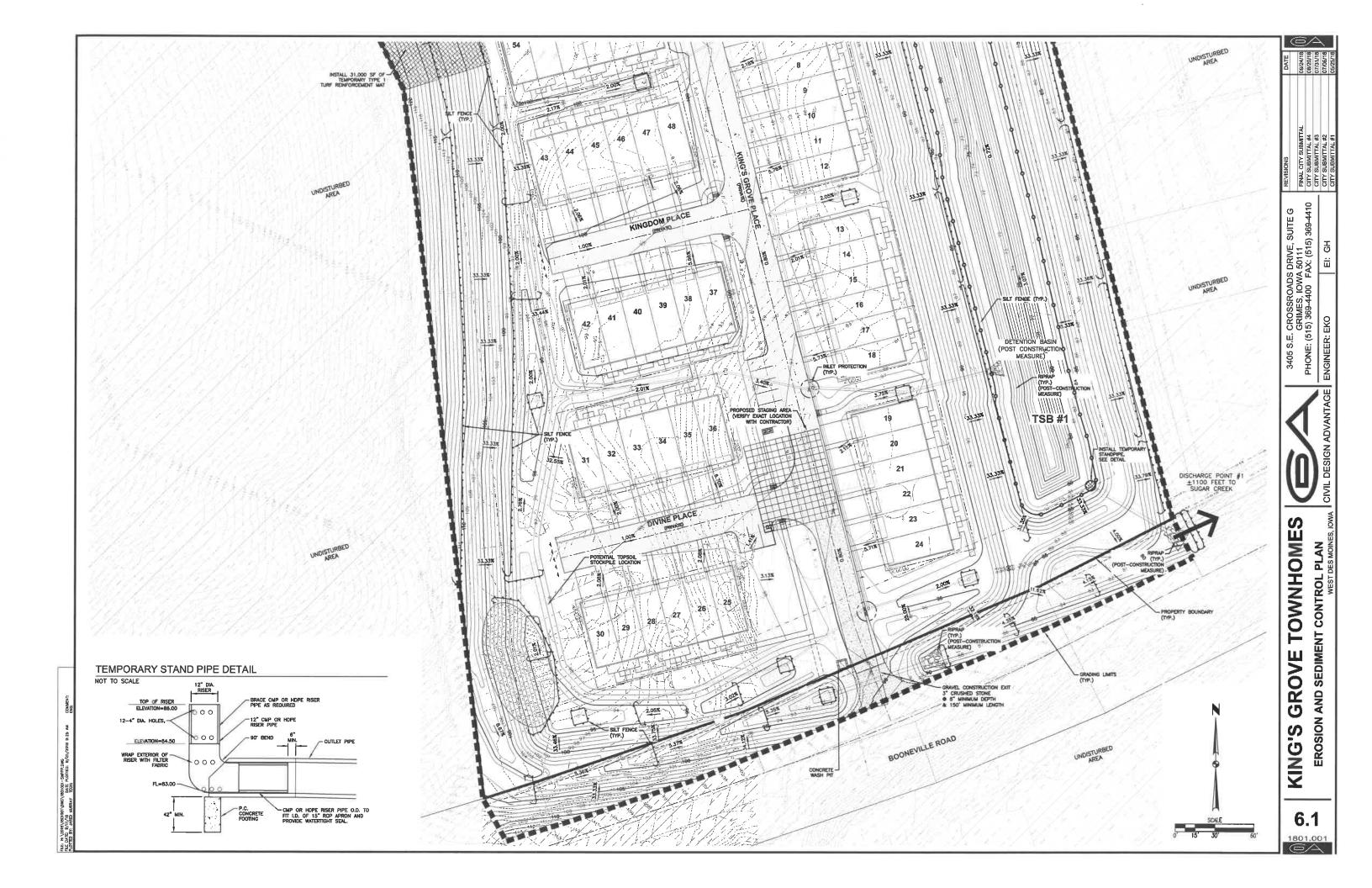
12.14 ACRES 43,704 CU FT

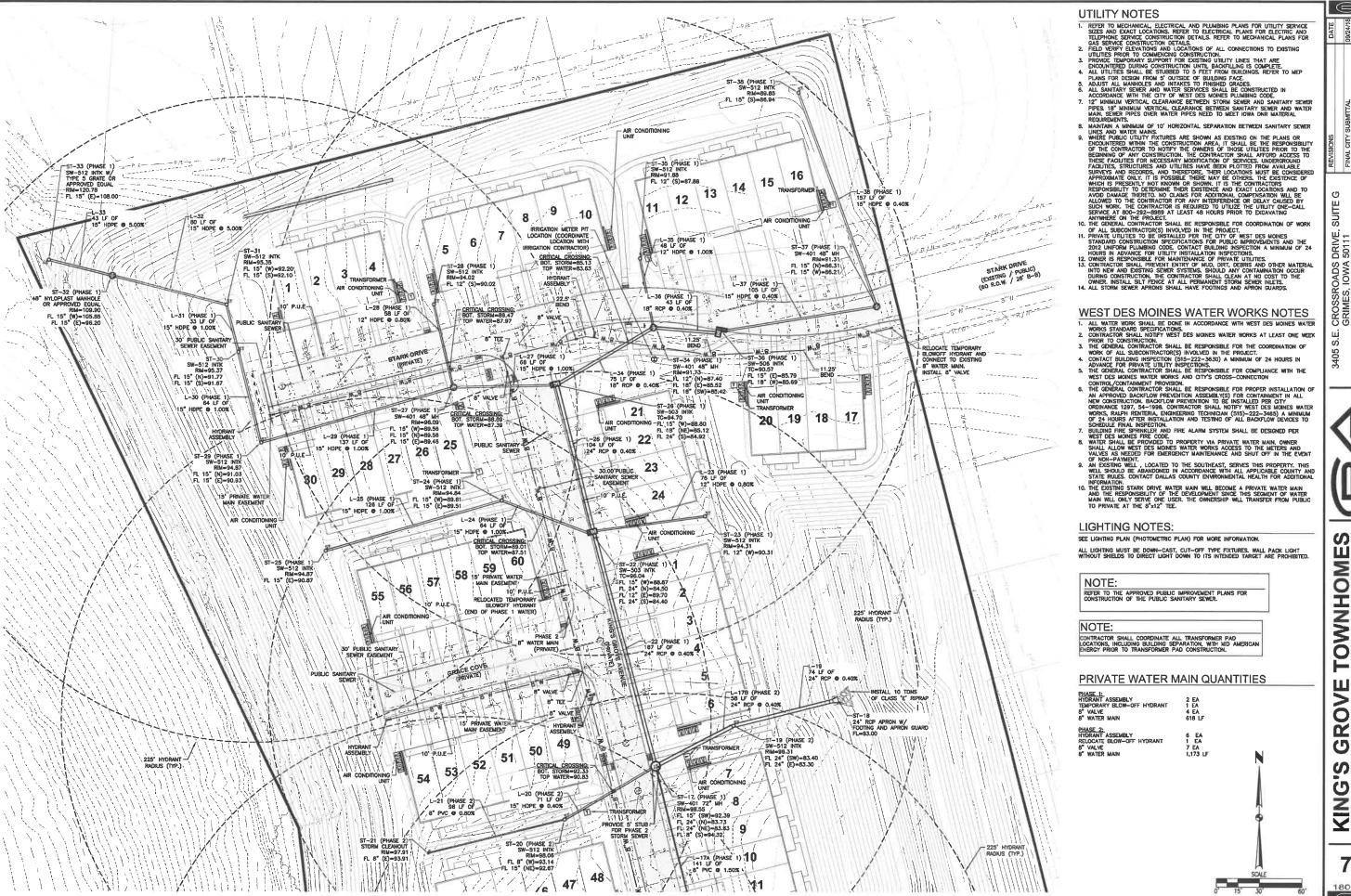


TOWNHOMES CONTROL PLAN
WEST DES MOINE

GROVE KING'S

6.0





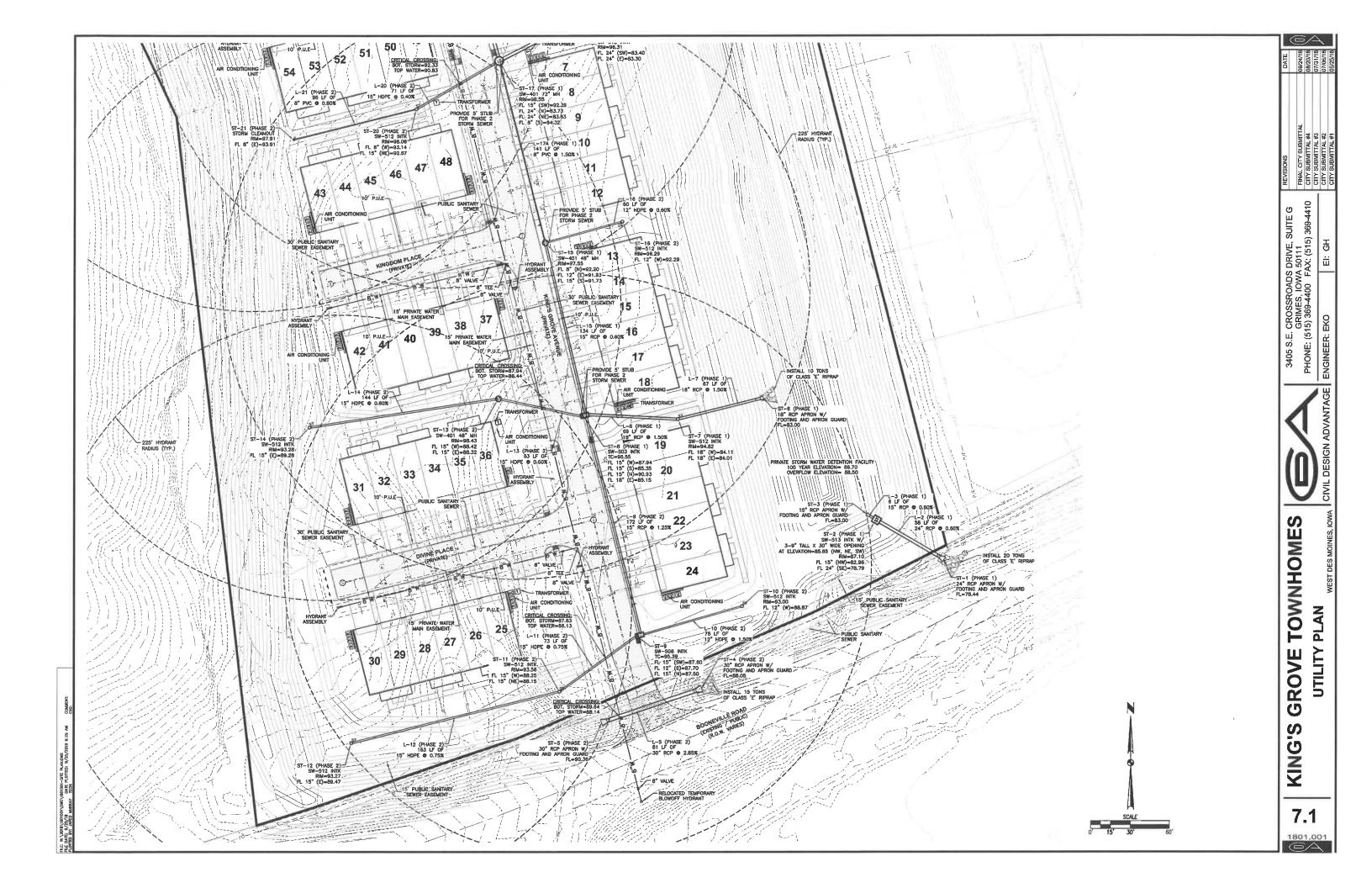
DRIVE, S 50111 AX: (515) 3

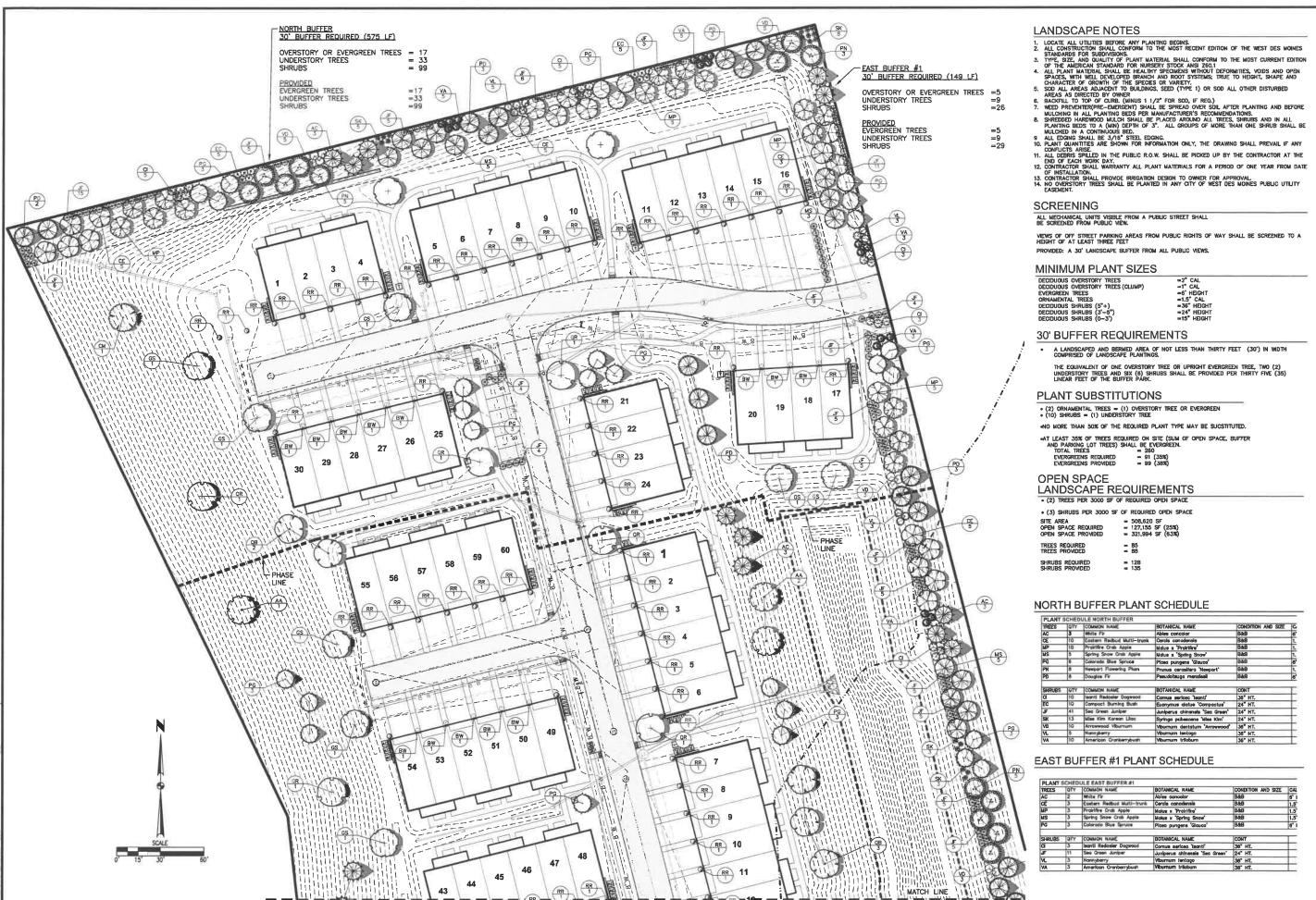
CROSSROADS I GRIMES, IOWA (515) 369-4400 FA (5) PHONE:

S

TOWNHOM PLAN OVE K 9

7.0





LANDSCAPE NOTES

SCREENING

ALL MECHANICAL UNITS VISIBLE FROM A PUBLIC STREET SHALL BE SCREENED FROM PUBLIC VIEW.

VIEWS OF OFF STREET PARKING AREAS FROM PUBLIC RIGHTS OF WAY SHALL BE SCREENED TO A HEIGHT OF AT LEAST THREE FEET

PROVIDED: A 30' LANDSCAPE BUFFER FROM ALL PUBLIC VIEWS.

MINIMUM PLANT SIZES

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L
GH'
GH.
GH1

30' BUFFER REQUIREMENTS

A LANDSCAPED AND BERMED AREA OF NOT LESS THAN THIRTY FEET (30') IN WIDTH COMPRISED OF LANDSCAPE PLANTINGS.

THE EQUIVALENT OF ONE OVERSTORY TREE OR UPRIGHT EVERGREEN TREE, TWO (2) UNDERSTORY TREES AND SIX (6) SHRUBS SHALL BE PROVIDED PER THIRTY FIVE (35) LINEAR FEET OF THE BUFFER PARK.

PLANT SUBSTITUTIONS

- (2) ORNAMENTAL TREES = (1) OVERSTORY TREE OR EVERGREEN (10) SHRUBS = (1) UNDERSTORY TREE
- 4NO MORE THAN 50% OF THE REQUIRED PLANT TYPE MAY BE SUCSTITUTED.
- •AT LEAST 35% OF TREES REQUIRED ON SITE (SUM OF OPEN SPACE, BUFFER AND PARKING LOT TREES) SHALL BE EVERGREEN. TOTAL TREES = 6 EVERGREENS EQUIRED = 91 (35%) EVERGREENS PROVIDED = 99 (38%)

OPEN SPACE LANDSCAPE REQUIREMENTS

. (2) TREES PER 3000 SF OF REQUIRED OPEN SPACE

. (3) SHRUBS PER 3000 SF OF REQUIRED OPEN SPACE

= 508,620 SF = 127,155 SF (25%) = 321,994 SF (63%) SITE AREA OPEN SPACE REQUIRED OPEN SPACE PROVIDED TREES REQUIRED TREES PROVIDED = 85 = 88

= 128 = 135 SHRUBS REQUIRED SHRUBS PROVIDED

NORTH BUFFER PLANT SCHEDULE

TREES	01X	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE	
AC	3	White Fir	Ables concolor	BAtB	1
Œ	10	Eastern Redbud Multi-trunk	Cercis conodensia	BacB	٦
MP	10	Proirifire Crob Apple	Malue x "Praktifire"	B&B	
MS	5	Spring Snow Crob Apple	Matus x 'Spring Snow'	B&B	
PG	6	Colorado Stue Spruce	Picea pungens 'Glauca'	Baril	1
PN	0	Neeport Flowering Plum	Prunus cerceifera 'Newport'	B&B	
PD	ā	Dougles Fir	Pseudotsuga menziesii	B&B	
SHRUBS	TOTY	COMMON HAME	BOTANICAL NAME	CONT	
CI	10	Isanti Redosier Dogwood	Comus sericeo 'Isonti'	38" HT.	i
EC	10	Compact Burning Bush	Eugnymus alatus 'Compactus'	24" HT.	
JF	41	Seo Green Auniper	Juniperus chinensis 'Sea Green'	24" HT.	1
SK	13	Miss Kim Korean Litae	Syringa pubescens 'Miss Kim'	24" HT.	1
VD	10	Arrowwood Viburnum	Viburnum dentatum 'Arrowwood'	38" HT.	1
٧L	5	Nannyberty	Viburnum lentago	38" HT.	1
YA .	10	American Cranberrybush	Viburnum triloburn	36" HT.	٦

EAST BUFFER #1 PLANT SCHEDULE

TREES	OTY	COMMON NAME	BOTANICAL NAME	CONDITION AND SIZE	CAL
AC	2	White Fir	Ables concolor	B&B	6' 1
Œ	3	Eastern Redbud Multi-trunk	Cercis conodensis	B&B	1.5
MP	3	Prairifire Crab Apple	Malus × "Prairifire"	BAB	1.5
MS	3	Spring Snow Crab Apple	Malus x "Spring Snow"	B&B	1.5
PG	3	Colorado Blue Spruce	Picea pungens 'Glauca'	B&B	6"
SHRUBS	ary	COMMON NAME	BOTANICAL NAME	CONT	Т
a	3	Isanti Redosier Dogwood	Cornus serices "Isanti"	36" HT.	T
JF	11	Seo Green Juniper	Juniperus chinensis 'Sea Green'	24" HT.	Т
VL.	3	Hannyberry	Viburnum fentago	36" HT.	Т
VA	3	American Cronberrybush	Vibumum trilobum	36" HT.	T

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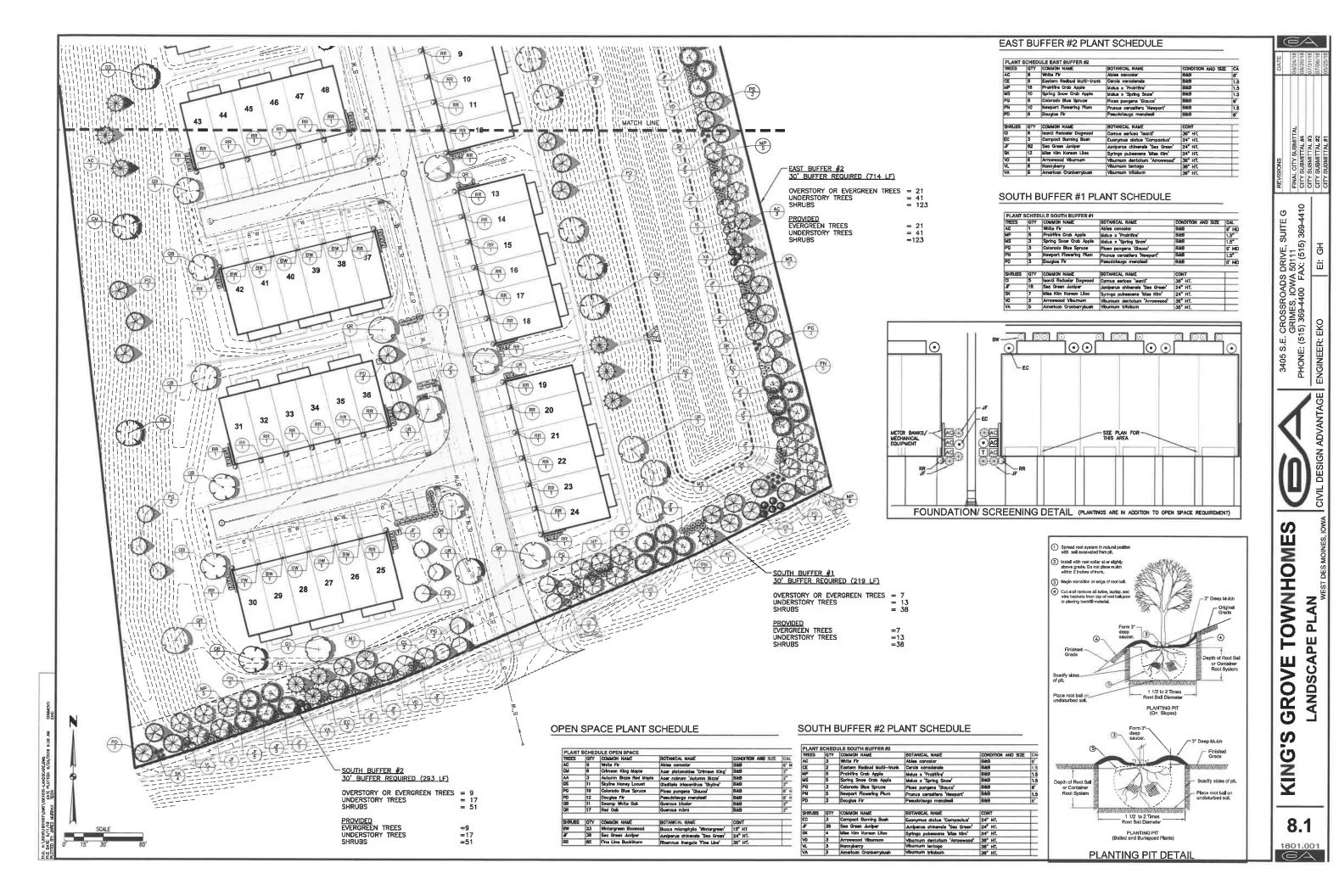
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TOWNHOMES LANDSCAPE

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CRAFTSMAN ELEVATIONS



FRONT ELEVATION LEFT ELEVATION



REAR ELEVATION RIGHT ELEVATION

MODERN FARMHOUSE ELEVATIONS





CRAFTSMAN ELEVATIONS







MODERN FARMHOUSE ELEVATIONS







TRADITIONAL ELEVATIONS





FRONT ELEVATION

LEFT ELEVATION





REAR ELEVATION

RIGHT ELEVATION