101 NE Harvey, Grimes, Iowa 50111 515.986.3036 Fax 515.986.3846

CITY COUNCIL MEETING
Grimes City Hall
101 NE Harvey Street
July 14, 2015 at 5:30 pm

Mayor Thomas M. Armstrong
City Council: Jill Altringer, Tami Evans, Craig Patterson
Ty Blackford and Doug Bickford, City Administrator Kelley Brown
City Clerk Rochelle Williams, City Treasurer Deb Gallagher,
City Attorneys Tom Henderson, Erik Fisk, City Engineer John Gade

Every member of the public and every Council Member desiring to speak shall address the presiding officer, and upon recognition by the presiding officer, shall confine comments to the question under debate, avoiding all indecorous language and references to personalities and abiding by the following rules of civil debate.

- **We may disagree, but we will be respectful of one another**
- **All comments will be directed to the issue at hand**
- **Personal attacks will not be tolerated**

GENERAL AGENDA ITEMS.

1. Call to Order
   Pledge of Allegiance
2. Roll Call
3. Approval of the Agenda
4. Approval of the Consent Agenda **(Discussion is not allowed unless the Mayor or a City Council Member ask for an item to be removed and placed under Council actions for consideration)**
   A. Minutes from June 23, 2015 Meeting
   B. Resolution 07-0115 Approving the Release of Property Owned By All Points Development LC From Development Agreement By the Authority of the City of Grimes, Iowa (Dec 18, 2007)
   C. Resolution 07-0215 Approving the Release of Property Owned by All Points Development LC from Development Agreement by the Authority of the City of Grimes, Iowa (May 8, 2008)
   D. Change Order #2 J&K Contracting LLC for the Grimes Hwy 141 Sanitary Sewer Improvements decreasing final quantities -$5,050 (adjustment of final quantities)
   E. Pay Request #2 to J&K Contracting LLC for the Hwy 141 Sanitary Sewer Improvements – $3, 828.50
   F. J&K Contracting LLC for the Hwy 141 Sanitary Sewer Improvements – retainage to be paid out in 30 days - $17,108.50
   G. Engineer's Statement of Completion to J&K Contracting LLC for the Hwy 141 Sanitary Sewer Improvements

CITY OF GRIMES

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H. Excavating and Dirt Services - $3,750 (strip, stockpile trees and overgrowth, reshape slopes of Bank of drainage ditch)
I. Krueger BP #4 Class C Beer Permit with Sunday Sales
J. Mid-American for a Refundable Advance for Construction of Underground Electric Service Extension Proposal (electric serve to serve metered street lighting at 2101 SE 19th Street) $4,868.89
K. Utility Refunds (refunds on balances left on accounts)
L. Quote for Booster Station Automatic Transfer Switch from Ziegler for $13,660
M. Change Order #7 to Concrete Technologies for the SE 19th Street Paving Project increasing Contract $5,331.50 (signage revision and concrete prices)
N. Accept Annexation Petition and Direct City Attorney to Start Proceedings.
O. Proposal from Northway for Acidizing One of the North Wells – $13,750
P. Pilot System Rental from Harn (3 month rental and maintenance of reverse osmosis water treatment systems base cost of $30,000 optional services available for additional fee)
Q. 28E Annual Contribution to Bravo Greater Des Moines $2,500 (support arts, culture and Heritage organizations to provide performances, exhibitions and education programs to residents of Central Iowa)
R. Alcohol License for Carryout Native Wine for Casey's General Store #2520
S. Ziegler Annual Maintenance Contract for the Grimes Community Complex - $3739.56
T Set a Bid Date of August 19, 2015 at 10 am and Public Hearing and Award of Contract for Construction of Heritage a Grimes Plat 2 Phase 2
U. Allender Butzke Engineers Inc - $6,350 (geotechnical exploration at water treatment plant)
V. Pay Application #10 ASR Well No. 1 Well Pump and Control Building Improvements to C L Carroll Co. Inc. - $65,680.25
W. Pay Request #17 to Concrete Technologies for the SE 19th Street Paving Project - $139,896.98
X. Development Agreement with City of Grimes and Edward Rose Millennial Development LLC
Y. AECOM for the NW Transportation Corridor Feasibility Study - $4,642.14
Z. Claims Report
1. Finance Report for June 2015

5. Fire Chief Report

6. Patrol Report

PUBLIC AGENDA ITEMS **Council may consider and potentially act on the following Public Agenda items.**

1. Heritage at Grimes Plat 3 - Preliminary Plat

2. Chevalia Valley Plat 2 - Preliminary Plat

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3. Destination Ridge Plat 4 - Final Plat

4. Autumn Park Plat 6 - Final Plat

5. Eagle Signs - Site Plan

6. Crossroads Business Park Plat 5, Lots 1-3 - Site Plan

7. Crossroads Business Park Plat 5, Lot 7 - Site Plan

8. Bomgaars - Site Plan

PUBLIC FORUM
"Those people wishing to address the Council need to sign up on the sheet which has been provided on the table near the door. Each person will be allowed three minutes from the podium and may address no more than two issues per Grimes Rules of Procedure for Conduct of City Business – May 2005."

COUNCIL ACTIONS

A. Third Reading of Ordinance 646 Amending the Grimes Code of Ordinances Chapter 108.06 to Provide for the decrease in the charge for the collection of recyclable materials from $2.65 to $2.59 effective July 1, 2015

B. Resolution 07-0315 Extension of the Agreement Between the City of Johnston and the City Of Grimes for the Sharing of Administrative Resources Supporting Fire and Rescue Services

COUNCIL DISCUSSIONS

1. Mayor's Report
2. City Attorney's Report
3. City Engineer's Report
4. City Staff Report
5. Old Business
6. New Business

ADJOURNMENT

CITY OF GRIMES

101 NE Harvey, Grimes, Iowa 50111 515.986.3036 Fax 515.986.3846

CITY OF GRIMES

CITY COUNCIL MEETING
Workshop Immediately Following Council Meeting
Tuesday July 14, 2015
Grimes City Hall
Following the City Council Meeting
Mayor Tom Armstrong
City Council: Craig Patterson, Jill Altringer, Tami Evans, Ty Blackford, Doug Bickford
City Administrator Kelley Brown, City Clerk Rochelle Williams,
City Treasurer Deb Gallagher
City Attorneys Tom Henderson
City Engineer John Gade

I. GENERAL AGENDA ITEMS

1. Call to Order
2. Roll Call
3. Approval of the Agenda
4. Water Plant Improvements and Debt
5. Storm Water Discussion
6. Home Base Iowa Incentives Discussion
7. New Business

II. ADJOURNMENT.

CITY COUNCIL MEETING
Tuesday, June 23, 2015
Grimes City Hall 5:30 P.M.

The regular meeting of the Grimes City Council was called to order by Mayor Tom Armstrong on Tuesday, June 23, 2015 at 5:30 P.M. at the Grimes City Hall. The Pledge of Allegiance was led by Mayor Armstrong.
Roll Call: Present: Evans, Blackford, Bickford Absent: Patterson, Altringer

GENERAL AGENDA ITEMS.
APPROVAL OF THE AGENDA
Mayor Armstrong asked for approval of the agenda.
Moved by Evans, Seconded by Blackford; the Agenda shall be approved.
Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0.

Approval of the Consent Agenda
A. Minutes from June 9, 2015 Meeting B. Tobacco License for Maple Vape C. Request for street closure for a block party at Chevalia Trace on August 15th D. Request for a street closure from 215 NW 7th to 315 NW 7th for a block party E. AECOM for the NW Transportation Corridor Feasibility Study - $5,657.02 F. Dallas County Road Department maintenance services performed by Dallas County Secondary Road Department July 1, 2014 through June 30, 2015 - $3,579.49 G. Northern Filter Media, Inc. replace filter media at water plant - $2,946.42 H. Service Agreement with P.R.I.M.E. Benefit Systems of Cedar Rapids, Iowa to administer compliance with COBRA I. Grimes Asphalt and Paving Corporation – Grimes 7th Street 2015 Resurfacing - $49,650. J. Grimes Asphalt and Paving Corporation – Grimes 37th Street 2015 Repair - $7,500 K. Knox Box - $5,700 L. Request for Write Off of Uncollected Utility Bills in the amount of $943.55 M. Proposal with Xenia for Water N. Authorization to Pay Accumulated Overtime in the Total Amount of $23,196.03 to Sean P. McAndrew, Matthew Sprague, Ty M. Wheeler and Andrew Winter Pursuant To Terms of Agreement with United States Department of Labor. O. Wage Increases for Administrative Personnel P. Certificate of Substantial Completion on the North Point Park – Phase 1Q. Change Order 1 for the North Point Park – Phase 1 R. Agreement from TK to do grass seeding On Grimes North Pointe Park Project S. Engineer's Statement of Completion on the SE North Pointe Park - Phase 1T. Progress Payment No. 3 for North Pointe Park Improvements – Phase 1- $1,995 U. Public Purpose Expenditures for June 2015 - $1,610.36 V. Pay Request #1 to J&K Contracting LLC for the Hwy 141 Sanitary Sewer Improvements- $321,233.00 W. Pay Request to Edge Commercial for work at Glenstone Park Phase I - $403.75 X. Pay Request to Edge Commercial for work at Glenstone Park Phase I - $9.045.40 Y. Legal Bills to Whitfield and Eddy, P.L.C - legal work and attendance council meetings $32,974.82Z. Claims Dated June 23, 2015 in the amount of $3,869,472.31a. Request for Block Party July 18, 2015 SE 12th, 13th and 14th
Moved by Bickford, Seconded by Evans; that the Consent Agenda shall be approved.
Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0.

US Water Report
Andrew Wood of Grimes Water and Wastewater and US Water was present to address the Council. He stated that the new computer system for the plant is in place. Wood stated that hydrant flushing in the NW corner of town is starting. Wood added that they are addressing concerns from residents regarding hardness of the water.

PUBLIC AGENDA ITEMS

A. Public Hearing and Action on the 2015 Current City Budget Amendment
Mayor Armstrong opened the Hearing at 5:40 pm. There being no oral or written comment the Hearing was closed at 5:40 pm.

City Administrator Brown stated this amendment would be for the 8.5 million dollar bond that we recently closed on.
Moved by Evans, Seconded by Blackford; the 2015 Current City Budget Amendment shall be approved.
Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0.

PUBLIC FORUM

No one addressed the Council

COUNCIL ACTIONS

Council Member Patterson joins the meeting by teleconference at 5:41 pm.

A. Second Reading of Ordinance 647 Requesting to Rezone Approximately 9.89 acres in Lot 43 Chevalia Valley Development from R-3 to R-4 Planned Unit Development for Single Family Housing
Moved by Blackford, Seconded by Evans; the Second Reading of Ordinance #647 request to rezone approximately 9.89 acres in Lot 43 Chevalia Valley Development from R-3 to R-4 Planned Unit Development for Single Family Housing shall be approved. This was previously passed with the stipulation that each of the single family homes have a minimum of two car attached garages.
Roll Call: Ayes: All. Nays: None. Motion passes: 4 to 0

Moved by Blackford, Seconded by Evans, the Third Reading of Ordinance 647 shall be waived.
Roll Call: Ayes: All. Nays: None. Motion passes: 4 to 0

Moved by Blackford, Seconded by Evans; Ordinance #647 shall receive Final Passage. This shall include the language: with the stipulation that each of the single family homes have a minimum of two car attached garages.
Roll Call: Ayes: All. Nays: None. Motion passes: 4 to 0

Council Member Patterson leaves the meeting by teleconference.

B. Second Reading of Ordinance #646 Amending the Grimes Code of Ordinances Chapter 108.06 to provide for the decrease in the charge for the collection of recyclable materials from $2.65 to $2.59 effective July 1, 2015.

Moved by Bickford, Seconded by Blackford; the Second Reading of Ordinance #646 shall be approved.

Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0

COUNCIL DISCUSSIONS

Mayors Report
Mayor Armstrong advised the organizational meeting of the newly formed Tree Board would be Wed. June 24, 2015. He stated that he would like to appoint Renita Darrah to fill the vacant seat on the Public Health and Safety Board. Mayor Armstrong asked for a motion to make this appointment
Moved by Evans, Seconded by Bickford; Renita Darrah shall be appointed to the Public Health and Safety Board.
Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0

Mayor Armstrong advised that the July 28th meeting would not be held in order to give some time off for vacations. He also advised that information will be distributed in the community about employment opportunities with the Census Bureau for the Special Census in Grimes. He reminded the Council to look for an email from the city clerk at the beginning of next week to request approval of the final bills for this fiscal year. He added that he would also be appointing an alternate to the Metro Waste Authority Board as Ron Long had advised that he was moving and would no longer be able to serve.

City Attorney Report
No Report

City Engineer Report
City Engineer Gade stated that SE 19th Street is now open and just completing some punch list items on the project. He advised that most of the work on the Hwy 141 Sanitary Sewer Project is now complete. Gade stated that the issue with the pipe in the ASR has been addressed. He added that Brookridge West and Brookridge Plat 2 along with Autumn Park Plat 6 have all been paved. Gade stated that they had held a pre con meeting last week for the mass grading of the new Heritage Plat 2 which includes the paving of Gateway Drive. Gade also stated that the public bid package for Beaverbrooke Blvd along with the construction drawing should be done by the end of July.

City Staff Report
City Administrator Brown advised that she was working on an outline of personnel planning for the future which she would have to the Council by the end of the week. She also advised the Council that she had instructed the building department to think outside the box and look at what other cities do all over the U.S for their overlay districts. Brown also stated she was working with John Gade on a request from the Council regarding the engineering fee structure. She added that she has asked Public Works Administrator Dave Sigler to look at current operations and see if any of these would be better to outsource. Brown stated that the good news is we are in the process of hiring a replacement employee in public works and also adding a position.

Old Business
none

New Business
none

Adjourn. Moved by Bickford; Seconded by Evans; there being no further business, the meeting shall be adjourned at 5:52 p.m.
Roll Call: Ayes: All. Nays: None. Motion passes: 3 to 0.

ATTEST:

Rochelle Williams, City Clerk

Thomas M. Armstrong, Mayor

THE CITY OF GRIMES, IOWA
RESOLUTION 07-0115

APPROVING THE RELEASE OF PROPERTY OWNED BY ALL POINTS DEVELOPMENT, L.C., FROM DEVELOPMENT AGREEMENT BY THE AUTHORITY OF THE CITY OF GRIMES, IOWA

WHEREAS, the City of Grimes, Polk County, State of Iowa, is a duly organized Municipal Organization; AND,

WHEREAS, All Points Development, L.C., LLC ("Developer") signed a certain Development Agreement dated December 18, 2007, and recorded January 30, 2008, in Book 12526 at Page 860 (the "Agreement") in the office of the Recorder of Polk County, Iowa related to obligations associated with the extension of South 11th Street and storm sewer improvements, Grimes, Iowa; AND

WHEREAS, Developer has satisfied all obligations and costs allocated and applied against the property described as set forth in Exhibit A hereto, and located in Grimes, Polk County, Iowa.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Grimes, Iowa on this_____day of_____2015 that the Release of Property from Development Agreement be approved.

_____
Thomas M. Armstrong, Mayor

Attest:

_____
Rochelle Williams, City Clerk

EXHIBIT A

The Northwest Fractional ¼ of Section 4, Township 79 North, Range 25 West of the 5th P.M., EXCEPT legally established highways and EXCEPT a parcel described as follows: Beginning at the W ¼ corner of said Section 4; thence N00°05 ½'W, 1125.3 feet on the west line of the SW ¼ NW ¼ thereof; thence N89°54 ½'E, 26.0 feet; thence S00°28 ½'W, 1125.3 feet to the south line of said SW ¼ NW ¼; thence S89°41'W, 15.0 feet to the point of beginning, all now included in and forming a part of the City of Grimes, Polk County, Iowa.

Prepared by:	**Erik S. Fisk, 317 6th Avenue, Suite 1200, Des Moines, IA**	**(515) 288-6041**
Return to:	**City Clerk, City of Grimes, 101 N. Harvey, Grimes, IA 50111**	**(515) 986-3036**

RELEASE OF PROPERTY FROM DEVELOPMENT AGREEMENT

THE CITY OF GRIMES, IOWA, does hereby acknowledge that all obligations associated with the extension of South 11th Street and storm sewer improvements, as set forth in that certain Development Agreement dated December 18, 2007, and recorded January 30, 2008, in Book 12526 at Page 860 (the "Agreement") in the office of the Recorder of Polk County, Iowa related to obligations associated with the extension of South 11th Street and storm sewer improvements are satisfied and fully released as such obligations and costs are allocated and applied against the real estate set forth and described in the attached Exhibit A, Grimes, Iowa.

This release shall be filed of record with the Recorder of Polk County, Iowa.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural, and as masculine, feminine or neuter gender, according to the context.

Dated:_____, 2015, CITY OF GRIMES, IOWA, an Iowa municipal corporation

_____ _____

Thomas M. Armstrong, Mayor Rochelle Williams, City Clerk

STATE OF IOWA, COUNTY OF POLK:

This record was acknowledged before me on_____, 2015 by Thomas M. Armstrong and Rochelle Williams, as Mayor and City Clerk, respectively, of the City of Grimes, Iowa.

NOTARY PUBLIC IN AND FOR SAID STATE

EXHIBIT A

The Northwest Fractional ¼ of Section 4, Township 79 North, Range 25 West of the 5th P.M., EXCEPT legally established highways and EXCEPT a parcel described as follows: Beginning at the W ¼ corner of said Section 4; thence N00°05 ½'W, 1125.3 feet on the west line of the SW ¼ NW ¼ thereof; thence N89°54 ½'E, 26.0 feet; thence S00°28 ½'W, 1125.3 feet to the south line of said SW ¼ NW ¼; thence S89°41'W, 15.0 feet to the point of beginning, all now included in and forming a part of the City of Grimes, Polk County, Iowa.

THE CITY OF GRIMES, IOWA
RESOLUTION 07-0215

APPROVING THE RELEASE OF PROPERTY OWNED BY ALL POINTS DEVELOPMENT, L.C., FROM DEVELOPMENT AGREEMENT BY THE AUTHORITY OF THE CITY OF GRIMES, IOWA

WHEREAS, the City of Grimes, Polk County, State of Iowa, is a duly organized Municipal Organization; AND,

WHEREAS, All Points Development, L.C., LLC ("Developer") signed a certain Development Agreement dated March 27, 2008, and recorded May 8, 2008, in Book 12645 at Page 951 (the "Agreement") in the office of the Recorder of Polk County, Iowa related to obligations associated with the First Street buildout improvements, Grimes, Iowa; AND

WHEREAS, Developer has satisfied all obligations and costs allocated and applied against the property described as set forth in Exhibit A hereto, and located in Grimes, Polk County, Iowa.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Grimes, Iowa on this_____day of_____2015 that the Release of Property from Development Agreement be approved.

_____
Thomas M. Armstrong, Mayor

Attest:

_____
Rochelle Williams, City Clerk

EXHIBIT A

A PARCEL OF LAND IN SECTION 4, TOWNSHIP 79 NORTH, RANGE 25 WEST OF THE 5TH P.M., CITY OF GRIMES, POLK COUNTY, IOWA; MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AS A POINT OF REFERENCE AT THE NW CORNER OF PARCEL 'E', RECORDED IN BOOK 10162, PAGE 101, POLK COUNTY, IOWA, SAID POINT BEING ON THE WEST RIGHT-OF-WAY LINE OF IOWA HIGHWAY 141 AND 277.42 FEET EAST OF THE W1/4 CORNER OF SAID SECTION 4-79-25; THENCE N00°18'20"E, 619.92 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF IOWA HIGHWAY 141 TO A POINT; THENCE N02°42'47"E, 698.21 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT; THENCE N10°07'14"E, 331.03 FEET ALONG SAID EAST RIGHT-OF-WAY TO THE POINT OF BEGINNING; THENCE N10°07'14"E, 522.05 FEET CONTINUING ALONG SAID EAST RIGHT-OF-WAY TO A POINT; THENCE N17°48'37"E, 652.78 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT; THENCE N52°19'33"E, 205.21 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF IOWA HIGHWAY 44; THENCE S89°48'43"E, 801.83 FEET ALONG SAID SOUTH RIGHT-OF-WAY LINE TO A POINT OF CURVATURE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET, AN ARC LENGTH OF 39.27 FEET TO A POINT OF TANGENCY; THENCE S00°11'17"W, 502.26 FEET TO POINT OF CURVATURE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1965.00 FEET, AN ARC LENGTH OF 322.01 FEET TO A POINT OF TANGENCY; THENCE S09°34'39"W, 416.18 FEET TO A POINT; THENCE S90°00'00"W, 1182.29 FEET TO THE POINT OF BEGINNING, AND CONTAINING 32.00 ACRES MORE OR LESS.

Prepared by:	**Erik S. Fisk, 317 6th Avenue, Suite 1200, Des Moines, IA**	**(515) 288-6041**
Return to:	**City Clerk, City of Grimes, 101 N. Harvey, Grimes, IA 50111**	**(515) 986-3036**

RELEASE OF PROPERTY FROM DEVELOPMENT AGREEMENT

THE CITY OF GRIMES, IOWA, does hereby acknowledge that all obligations associated with the buildout of First Street as set forth in that certain Development Agreement, dated March 27, 2008, and recorded May 8, 2008, in Book 12645 at Page 951 (the "Agreement") in the office of the Recorder of Polk County, Iowa related to obligations associated with the First Street buildout improvements are satisfied and fully released as such obligations and costs are allocated and applied against the real estate set forth and described in the attached Exhibit A, Grimes, Iowa.

This release shall be filed of record with the Recorder of Polk County, Iowa.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural, and as masculine, feminine or neuter gender, according to the context.

Dated:_____, 2015, CITY OF GRIMES, IOWA, an Iowa municipal corporation

_____ _____

Thomas M. Armstrong, Mayor Rochelle Williams, City Clerk

STATE OF IOWA, COUNTY OF POLK:

This record was acknowledged before me on_____, 2015 by Thomas M. Armstrong and Rochelle Williams, as Mayor and City Clerk, respectively, of the City of Grimes, Iowa.

NOTARY PUBLIC IN AND FOR SAID STATE

EXHIBIT A

A PARCEL OF LAND IN SECTION 4, TOWNSHIP 79 NORTH, RANGE 25 WEST OF THE 5TH P.M., CITY OF GRIMES, POLK COUNTY, IOWA; MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AS A POINT OF REFERENCE AT THE NW CORNER OF PARCEL 'E', RECORDED IN BOOK 10162, PAGE 101, POLK COUNTY, IOWA, SAID POINT BEING ON THE WEST RIGHT-OF-WAY LINE OF IOWA HIGHWAY 141 AND 277.42 FEET EAST OF THE W1/4 CORNER OF SAID SECTION 4-79-25; THENCE N00°18'20"E, 619.92 FEET ALONG THE EAST RIGHT-OF-WAY LINE OF IOWA HIGHWAY 141 TO A POINT; THENCE N02°42'47"E, 698.21 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT; THENCE N10°07'14"E, 331.03 FEET ALONG SAID EAST RIGHT-OF-WAY TO THE POINT OF BEGINNING; THENCE N10°07'14"E, 522.05 FEET CONTINUING ALONG SAID EAST RIGHT-OF-WAY TO A POINT; THENCE N17°48'37"E, 652.78 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT; THENCE N52°19'33"E, 205.21 FEET ALONG SAID EAST RIGHT-OF-WAY LINE TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF IOWA HIGHWAY 44; THENCE S89°48'43"E, 801.83 FEET ALONG SAID SOUTH RIGHT-OF-WAY LINE TO A POINT OF CURVATURE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET, AN ARC LENGTH OF 39.27 FEET TO A POINT OF TANGENCY; THENCE S00°11'17"W, 502.26 FEET TO POINT OF CURVATURE; THENCE SOUTHERLY ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 1965.00 FEET, AN ARC LENGTH OF 322.01 FEET TO A POINT OF TANGENCY; THENCE S09°34'39"W, 416.18 FEET TO A POINT; THENCE S90°00'00"W, 1182.29 FEET TO THE POINT OF BEGINNING, AND CONTAINING 32.00 ACRES MORE OR LESS.

Change Order
No. 2

Project: **Grimes HWY 141-Sanitary Sewer Improvements**	Date of Contract: **April 15, 2015**
Owner: **City of Grimes**	Owner's Contract No.:
Engineer: **FOX Engineering**	Engineer's Project No.: **2454-15A**
Contractor: **J&K Contracting LLC**	Date of Issuance: **June 24, 2015**

The Contract Documents are modified as follows upon execution of this Change Order:

DESCRIPTIONS:

Item 1 Adjustment of Final Quantities:

a. Trench Foundation (bid item 3.01) - *decrease* by 100 ton @ $25.00 = **$2,500.00**

b. Replacement Unsuitable Backfill (bid item 3.02) -*decrease* by 100CY @ $15.00 = **$1,500.00**

c. Tile Repair (bid item 4.05) - *decrease* by 79 LF @ $20.00 = **$1,580.00**

d. Remove and Replace Pavement (bid item 7.01) - *Increase* by 24 SY @ $95.00 = **$2,280.00**

e. Seeding (bid item 9.02) - *decrease* by 0.5 AC @ $3,500.00 = **$1,750.00**

Attachments: none

CHANGE IN CONTRACT PRICE:

Original Contract Price:

$343,170.00

☒ Increase ☐ Decrease from previously approved Change Orders:

$4,050.00

Contract Price prior to this Change Order:

$347,220.00

☐ Increase ☒ Decrease of this Change Order:

$5,050.00

Contract Price incorporating this Change Order:

$342,170.00

CHANGE IN CONTRACT TIMES:

Original Contract ☐ Working ☒ Calendar
Substantial completion: July 10, 2015
Ready for final payment: September 25, 2015

☐ Increase ☐ Decrease from previously approved Change Orders:
Substantial completion (days):
Ready for final payment (days):

Contract Times prior to this Change Order:
Substantial completion: July 10, 2015
Ready for final payment: September 25, 2015

☐ Increase ☐ Decrease of this Change Order:
Substantial completion (days):
Ready for final payment (days):

Contract Times with all approved Change Orders:
Substantial completion: July 10, 2015
Ready for final payment: September 25, 2015

RECOMMENDED:	ACCEPTED:	ACCEPTED:
By: John Worley	By:	By:
Engineer (Authorized Signature)	Owner (Authorized Signature)	Contractor (Authorized Signature)
Date: 6/25/15	Date:	Date: 6/25/15

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 25, 2015

City of Grimes
Attn: Mayor and City Council
City Hall 101 NE Harvey St.
Grimes, Iowa 50111

RE: Highway 141 - Sanitary Sewer Improvements
Engineering Recommendation for Completion
2454-15A

Dear Mayor and City Council,

J&K Contracting (Contractor) has satisfactorily completed in general compliance with the terms, conditions, and stipulations of said Contract for the Highway 141 - Sanitary Sewer Improvements, dated April 15, 2015. Attached please find the Engineer's Statement of Final Completion. Please also find attached Pay Application 3 which pays the remaining balance no sooner than 30 days after acceptance of the project.

Seeding has been completed, however, germination and establishment of seeded areas shall be verified before the retainage is released to the Contractor.

The Original Contract Price was $343,170.00 and there were a total of two Change Orders totaling a deduct of $1,000.00. The total amount due to the Contractor for the fulfillment of said Contract is $342,170.00.

If you find the documents to be acceptable, please sign three copies of each of the enclosed documents. Please keep one copy for your records and distribute the others to J&K Contracting and FOX Engineering.

It has been a pleasure working on this project. FOX Engineering appreciates the work and our continued partnership with The City of Grimes.

Sincerely,
FOX Engineering Associates, Inc.

John Washington, P.E.
Project Manager

Enclosures: *Pay Application No. 3*
Engineering Statement of Final Completion

CC: *Jamie Crubaugh, J&K Contracting*

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 2

Application Period: 6/13/15 - 6/24/15		Application Date: 6/24/2015
To (Owner): City of Grimes	From (Contractor): J&K Contracting, LLC	Via (Engineer): FOX Engineering
Project: HWY 141 Sanitary Sewer Improvements	Contract: HWY 141 Sanitary Sewer Improvements	
Owner's Contract No.:	Contractor's Project No.: 1516GR	Engineer's Project No.: 2454-15A

Application For Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	$4,050.00	
2		$5,050.00
TOTALS	$4,050.00	$5,050.00
NET CHANGE BY CHANGE ORDERS	-$1,000.00	

1. ORIGINAL CONTRACT PRICE		$343,170.00
2. Net change by Change Orders		$-1,000.00
3. Current Contract Price (Line 1 ± 2)		$342,170.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)		$342,170.00
5. RETAINAGE:		
a. 5% X $342,170.00 Work Completed		$17,108.50
b. 5% X Stored Material		
c. Total Retainage (Line 5.a + Line 5.b)		$17,108.50
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)		$325,061.50
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)		$321,233.00
8. AMOUNT DUE THIS APPLICATION		$3,828.50
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)		$17,108.50

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: [signature] Date: 6/25/15

Payment of: $ 3,828.50
(Line 8 or other - attach explanation of the other amount)

is recommended by: [signature] (Engineer) 6/25/15 (Date)

Payment of: $ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ (Funding or Financing Entity (if applicable)) _____ (Date)

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Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):	HWY 141 Sanitary Sewer Improvements	Application Number:	2
Application Period:	6/13/15 - 6/24/15	Application Date:	6/24/2015

A							B	C	D	E	F		G
Item		Contract Information											
Bid Item No.	Description	Bid Quantity	Quantity Change (by Change Order)	Total Quantity	Units	Unit Price	Total Value of Item ($)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
	DIVISION 1 - GENERAL												
1.01	MOBILIZATION	1		1	LS	$25,000.00	$25,000.00	1	$25,000.00		$25,000.00	100.0%	
1.02	TRAFFIC CONTROL	1		1	LS	$7,500.00	$7,500.00	1	$7,500.00		$7,500.00	100.0%	
	DIVISION 2 - EARTHWORK												
2.01	CLEARING AND GRUBBING, TREE REMOVAL, TREE TRIMMING	1		1	LS	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
	DIVISION 3 - TRENCH & TRENCHLESS CONSTRUCTION												
3.01	TRENCH FOUNDATION	100	-100		TON	$25.00							
3.02	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	100	-100		CY	$15.00							
3.03	COMPACTION TESTING	1		1	LS	$2,500.00	$2,500.00	1	$2,500.00		$2,500.00	100.0%	
	DIVISION 4 - SEWERS AND DRAINS												
4.01	SANITARY SEWER GRAVITY MAIN, TRENCHED, 30-INCH	1330		1330	LF	$180.00	$239,400.00	1330	$239,400.00		$239,400.00	100.0%	
4.02	CUT AND CAP EXISTING SANITARY SEWER	1		1	EA	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
4.03	PLUG EXISTING SANITARY SEWER IN MANHOLE	1		1	EA	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
4.04	REMOVAL OF EXISTING SANITARY SEWER	130		130	LF	$15.00	$1,950.00	130	$1,950.00		$1,950.00	100.0%	
4.05	TILE REPAIR, 4-INCH TO 10-INCH	100	-79	21	LF	$20.00	$420.00	21	$420.00		$420.00	100.0%	
	DIVISION 5 - WATER MAIN & APPURTENANCES (NOT USED)												
	DIVISION 6 - STRUCTURES FOR SANITARY &STORM SEWERS												
6.01	SANITARY SEWER MANHOLE - 60-INCH SW-301	2		2	EA	$10,000.00	$20,000.00	2	$20,000.00		$20,000.00	100.0%	
6.02	CONNECT TO EXISTING 30-INCH STUB	1		1	EA	$9,000.00	$9,000.00	1	$9,000.00		$9,000.00	100.0%	
6.03	CONNECT TO EXISTING STRUCTURE	1		1	EA	$7,500.00	$7,500.00	1	$7,500.00		$7,500.00	100.0%	
	DIVISION 7 - PAVEMENT & APPURTENANCES												
7.01	PCC PAVEMENT, CURB, MEDIAN REMOVAL AND REPLACEMENTS	116	24	140	SY	$95.00	$13,300.00	140	$13,300.00		$13,300.00	100.0%	
7.02	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	1		1	LS	$2,650.00	$2,650.00	1	$2,650.00		$2,650.00	100.0%	
	DIVISION 8 - TRAFFIC SIGNALS (NOT USED)												
	DIVISINO 9 - SITE WORK & LANDSCAPING												
9.01	SEEDING, FERTILIZING, AND MULCHING - TYPE 1	1	-0.5	0.5	AC	$3,500.00	$1,750.00	0.5	$1,750.00		$1,750.00	100.0%	
9.02	EROSION CONTROL	1		1	LS	$2,650.00	$2,650.00	1	$2,650.00		$2,650.00	100.0%	
CO1	ABANDON EXISTING MANHOLES	3		3	EA	$1,350.00	$4,050.00	3	$4,050.00		$4,050.00	100.0%	
	Totals						$342,170.00		$342,170.00		$342,170.00	100.0%	

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EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 3

Application Period: 6/25/15 - 6/25/15		Application Date: 6/25/2015
To (Owner): City of Grimes	From (Contractor): J&K Contracting, LLC	Via (Engineer): FOX Engineering
Project: HWY 141 Sanitary Sewer Improvements	Contract: HWY 141 Sanitary Sewer Improvements	
Owner's Contract No.	Contractor's Project No. 1516GR	Engineer's Project No: 2464-15A

Application For Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	$4,050.00	
2		$5,050.00
TOTALS	$4,050.00	$5,050.00
NET CHANGE BY CHANGE ORDERS	-$1,000.00	

1. ORIGINAL CONTRACT PRICE	$	$343,170.00
2. Net change by Change Orders	$	-$1,000.00
3. Current Contract Price (Line 1 ± 2)	$	$342,170.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)	$	$342,170.00
5. RETAINAGE:		
a. 5% X ____ Work Completed	$	
b. 5% X ____ Stored Material	$	
c. Total Retainage (Line 5.a + Line 5.b)	$	
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)	$	$342,170.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	$325,061.50
8. AMOUNT DUE THIS APPLICATION	$	$17,108.50
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)	$	

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: [signature] Date: 6/25/15

Payment of: $ 17,108.50
(Line 8 or other - attach explanation of the other amount)

is recommended by: [signature] (Engineer) 6/25/15 (Date)

Payment of: $ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ Funding or Financing Entity (if applicable) _____ (Date)

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Progress Estimate - Unit Price Work

Contractor's Application

For (Contract):	HWY 141 Sanitary Sewer Improvements	Application Number:	3
Application Period:	6/25/15 - 6/25/15	Application Date:	6/25/2015

A								B	C	D	E	F		G
Item		Contract Information												
Bid Item No	Description	Bid Quantity	Quantity Change (by Change Order)	Total Quantity	Units	Unit Price	Total Value of Item ($)	Estimated Quantity Installed	Value of Work Installed to Date	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
	DIVISION 1 - GENERAL												
1.01	MOBILIZATION	1		1	LS	$25,000.00	$25,000.00	1	$25,000.00		$25,000.00	100.0%	
1.02	TRAFFIC CONTROL	1		1	LS	$7,500.00	$7,500.00	1	$7,500.00		$7,500.00	100.0%	
	DIVISION 2 - EARTHWORK												
2.01	CLEARING AND GRUBBING, TREE REMOVAL, TREE TRIMMING	1		1	LS	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
	DIVISION 3 - TRENCH & TRENCHLESS CONSTRUCTION												
3.01	TRENCH FOUNDATION	100	-100		TON	$25.00							
3.02	REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL	100	-100		CY	$15.00							
3.03	COMPACTION TESTING	1		1	LS	$2,500.00	$2,500.00	1	$2,500.00		$2,500.00	100.0%	
	DIVISION 4 - SEWERS AND DRAINS												
4.01	SANITARY SEWER GRAVITY MAIN, TRENCHED, 30-INCH	1330		1330	LF	$180.00	$239,400.00	1330	$239,400.00		$239,400.00	100.0%	
4.02	CUT AND CAP EXISTING SANITARY SEWER	1		1	EA	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
4.03	PLUG EXISTING SANITARY SEWER IN MANHOLE	1		1	EA	$1,500.00	$1,500.00	1	$1,500.00		$1,500.00	100.0%	
4.04	REMOVAL OF EXISTING SANITARY SEWER	130		130	LF	$15.00	$1,950.00	130	$1,950.00		$1,950.00	100.0%	
4.05	TILE REPAIR, 4-INCH TO 10-INCH	100	-79	21	LF	$20.00	$420.00	21	$420.00		$420.00	100.0%	
	DIVISION 5 - WATER MAIN & APPURTENANCES (NOT USED)												
	DIVISION 6 - STRUCTURES FOR SANITARY &STORM SEWERS												
6.01	SANITARY SEWER MANHOLE - 60-INCH SW-301	2		2	EA	$10,000.00	$20,000.00	2	$20,000.00		$20,000.00	100.0%	
6.02	CONNECT TO EXISTING 30-INCH STUB	1		1	EA	$9,000.00	$9,000.00	1	$9,000.00		$9,000.00	100.0%	
6.03	CONNECT TO EXISTING STRUCTURE	1		1	EA	$7,500.00	$7,500.00	1	$7,500.00		$7,500.00	100.0%	
	DIVISION 7 - PAVEMENT & APPURTENANCES												
7.01	PCC PAVEMENT, CURB, MEDIAN REMOVAL AND REPLACEMENTS	116	24	140	SY	$95.00	$13,300.00	140	$13,300.00		$13,300.00	100.0%	
7.02	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	1		1	LS	$2,650.00	$2,650.00	1	$2,650.00		$2,650.00	100.0%	
	DIVISION 8 - TRAFFIC SIGNALS (NOT USED)												
	DIVISION 9 - SITE WORK & LANDSCAPING												
9.01	SEEDING, FERTILIZING, AND MULCHING - TYPE 1	1	-0.5	0.5	AC	$3,500.00	$1,750.00	0.5	$1,750.00		$1,750.00	100.0%	
9.02	EROSION CONTROL	1		1	LS	$2,650.00	$2,650.00	1	$2,650.00		$2,650.00	100.0%	
C01	ABANDON EXISTING MANHOLES	3		3	EA	$1,350.00	$4,050.00	3	$4,050.00		$4,050.00	100.0%	
	Totals						$342,170.00		$342,170.00		$342,170.00	100.0%	

EJCDC® C-620 Contractor's Application for Payment
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FOX engineering

TRANSMITTAL

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames Iowa 50010

DATE: July 6, 2015

TO: Kelley Brown
City Administrator
City of Grimes
101 NE Harvey Street
Grimes, Iowa 50111

RE: ASR Well No. 1 Well Pump and Control Building Improvements
PROJECT No.: 3364-13A

DELIVERY: E-Mail

ITEMS: 1. C.L. Carroll Co. Pay Application No. 10

COMMENTS:

Attached is C.L. Carroll Co. pay estimate No. 10 for the ASR Well No. 1 Well Pump and Control Building Improvements project. This pay estimate is for work completed in June, including a wide variety of items and bringing the project to nearly 99 percent complete.

We have reviewed this pay application along with the construction progress, and recommend that it be paid. Please review this and let me know if you have any questions. If not, this should be placed on the next council meeting agenda for approval. Once approved, please sign and return via email.

If you have any questions, please let me know. Thank you.

Steven J. Troyer, P.E.

Engineer's Statement of Completion

Project: **Highway 141 - Sanitary Sewer Improvements**	Date of Contract: **April 15, 2015**
Owner: **City of Grimes**	Owner's Contract No.:
Engineer: **FOX Engineering**	Engineer's Project No.: **2454-15A**
Contractor: **J&K Contracting LLC**	

I hereby state that the construction of the Highway 141 - Sanitary Sewer Improvements project by a Contract dated April 15, 2015 has been satisfactorily completed in general compliance with the terms, conditions, and stipulations of said Contract.

The work was completed on June 25, 2015. The Contract final completion date was September 25, 2015.

I further state that the total amount due to the Contractor for the fulfillment of said Contract is $342,170.00.

The derivation of this total amount is tabulated below.

Original Contract	$343,170.00
Change Order No.1	$4,050.00
Change Order No.2	($5,050.00)
Final Contract	$342,170.00

Ninety-five percent (95%) of the total amount due to the Contractor should be paid after the acceptance of the construction by resolution of the City of Grimes. The remaining five percent (5%) shall then be paid no sooner than thirty (30) days following formal acceptance of the construction by the City of Grimes provided that no unpaid claims exist in connection with this Contract. The Contractor will receive interest on any unpaid balance at the maximum legal rate from and after thirty (30) days following acceptance of the project by the City of Grimes.

Signed:

FOX Engineering Associates

By: _____

Iowa Registration No.: 18972

Date: 6/25/15

FOX PN: 2454-15A

Accepted by:

Owner: _____

Resolution: _____

Date: _____

Signed: _____

Title: _____

Attest: _____

Distribution:
Engineer
Contractor
Owner
IDNR

Excavating & Dirt Services Inc.

18836 Wendover Ave.
Granger, IA 50109

RECEIVED JUL 6

INVOICE

Date
7/1/2015

Bill To
City of Grimes NW Harvey St Grimes, IA 50111

Project
898 North East Main

Service Date	Description	Hours	Amount
6/22/2015	898 North East Main Strip, stockpile trees and overgrowth, reshape slopes of bank of drainage ditch rough grade		3,750.00
		Total	$3,750.00

PO P/2

COPY

Thank You!
Ed Lockner
515-971-6868

P.O. No. _____

15922

CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Name: Excavating & Dirt Services

Address: 18836 Wendover Ave Granger IA 50109

Phone Number/Fax Number: _____

ITEMS	QTY	UNIT PRICE	TOTAL
Dirt work			3750.00

PURCHASE JUSTIFICATION: Strip Stockpile the overgrowth reshape banks for water flow

DEPARTMENT: Streets

LINE ITEM: _____

BEGINNING BUDGET BALANCE: _____

ENDING BUDGET BALANCE: _____

PURCHASE REQUESTED BY: _____ DATE: 7-8-15

PURCHASE ORDER APPROVAL AND ASSIGNMENT

_____ _____

Kelley L. Brown City Administrator/Clerk — Date

CC Approval

Council Approval date: (if over $2500)

☐ Purchaser's Copy ☐ Vendor's Copy ☐ File Copy

State of Iowa
ALCOHOLIC BEVERAGES DIVISION

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- Ownership
- Criminal History
- Premises
- General Premises
- Applicant Signature
- Local Endorse
- History

Criminal History BC0027529, Krueger BP #4, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.
The navigation links on the top may also be used to move around the application.

No	Since this license was last issued, has anyone listed in the ownership screen been convicted of a felony offense in Iowa or any other state of the United States? If yes, list on the next (Violations) screen.
No	Since the license was last issued, have any of the owners listed in the ownership screen been charged, arrested, indicted, convicted or received a deferred judgment for any violation of any state, county, city, federal or foreign law? All information shall be reported regardless of the disposition, even if dismissed or expunged. Include pending charges. DO NOT include traffic violations, except those that are alcohol related. If yes, list violations on the next (Violations) screen.
None	If no arrests, indictments, summons or convictions are applicable since the license was last issued, select 'NONE'.

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Iowa Alcoholic Beverages Division
1918 SE Hulsizer Road, Ankeny, IA 50021
Toll Free 866.IowaABD (866.469.2223)
Local 515.281.7400

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- Privacy Policy

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ALCOHOLIC BEVERAGES DIVISION

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- License
- Privileges
- Applicant
- Status Of Business
- Ownership
- Criminal History
- Premises
- General Premises
- Applicant Signature
- Local Endorse
- History

Applicant BC0027529, Krueger BP #4, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.
The navigation links on the top may also be used to move around the application.

Corporation Name/Sole Proprietor Name/Partnership Name(s): Krueger Enterprises, Inc. (Sole Proprietorship, Partnership, Corporation, etc.)
Name of Business (D/B/A): Krueger BP #4
Address of Premise: 11304 N.W. 54th
Address Line 2:
City: Grimes
County: Polk
Zip: 50111
Business Phone: (515) 314-3118
Cell / Home Phone:

Same Address
Mailing Address: P.O. Box 65010
Mailing Address Line 2:
City: West Des Moines
State: Iowa
Zip: 50265

Contact Name: Scott Krueger
Phone: (515) 314-3118
Email Address: kruegerent@aol.com

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Iowa Alcoholic Beverages Division
1918 SE Hulsizer Road, Ankeny, IA 50021
Toll Free 866.IowaABD (866.469.2223)
Local 515.281.7400

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- Privileges
- Applicant
- Status Of Business
- Ownership
- Criminal History
- Premises
- General Premises
- Applicant Signature
- Local Endorse
- History

Privileges BC0027529, Krueger BP #4, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.
The navigation links on the top may also be used to move around the application.

Select one or more of the privileges you wish to have for your Class C Beer Permit (BC). If no privileges are applicable please leave all boxes unchecked and hit the next button.

PRIVILEGES:	
☐	Class B Native Wine Permit
☑	Class B Wine Permit (Carryout Wine - Includes Native Wine)
☐	Living Quarters
☐	Outdoor Service
☑	Sunday Sales

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Iowa Alcoholic Beverages Division
1918 SE Hulsizer Road, Ankeny, IA 50021
Toll Free 866.IowaABD (866.469.2223)
Local 515.281.7400

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MidAmerican
ENERGY
OBSESSIVELY, RELENTLESSLY *AT YOUR SERVICE*®

RECEIVED JUL 2

MidAmerican Energy Company
10510 Douglas Ave
Urbandale, IA 50322

6/29/2015

City of Grimes
Ms. Kelley Brown, City Administrator
101 North Harvey Street
P. O. Box 457
Grimes, Iowa 50111

Reference: Electric service to serve metered street lighting at 2102 SE 19th Street, Grimes, Iowa

Dear Ms. Brown:

We are pleased to submit three (3) copies of the Refundable Advance for Construction Underground Electric Service Extension Proposal for Speculative Use for the above project. This proposal is valid for 90 days and if MidAmerican Energy construction has not commenced within 12 months it may be voided.

Please sign and return all three (3) copies of the proposal as soon as you are ready to commit to the work. You may withhold payment until 30 days before MidAmerican Energy Company is ready to start the work. In the meantime, please keep me informed of your schedule. After we have received your payment, we will sign and return a copy of the proposal for your records.

If you have any questions, please call me at (515) 281-2619.

Sincerely,
MidAmerican Energy Company

Gail D. Davis

Customer Technician

Enclosures

MIDAMERICAN ENERGY COMPANY

REFUNDABLE ADVANCE FOR CONSTRUCTION
UNDERGROUND ELECTRIC SERVICE EXTENSION PROPOSAL
FOR SPECULATIVE USE

MidAmerican Energy Company, an Iowa corporation and The City of Grimes ("Applicant"), agree as follows:

1. MidAmerican Energy Company will extend its electric lines underground to serve metered street lighting at 2102 Southeast 19th Street, Grimes, Iowa as shown on the attached drawings.

2. MidAmerican Energy Company will furnish the necessary labor and materials required to fulfill its undertaking, as specified above, and will commence such work as soon as reasonable and practicable after the execution of this Proposal and receipt of Applicant's cash deposit indicated below, and will prosecute such work to completion with reasonable diligence.

3. In consideration of the receipt of a payment in the amount of $4,868.89, which is a refundable Advance for Construction, MidAmerican Energy Company agrees to construct necessary electric facilities as set forth above. Please submit payment with Applicant's signed acceptance of this Proposal. If MidAmerican Energy Company is caused by Applicant to work during the winter construction season, Applicant agrees to pay in cash an additional sum of $5.37 per trench foot as a non-refundable Contribution in Aid of Construction for all required trenching.

4. The Advance for Construction shall be subject to refund by MidAmerican Energy Company to Applicant based upon the following terms and conditions:

    a. Advances shall not accrue interest and shall be subject to refund from the date of original advance payment. This will span a six-year period at the rate of fifty percent (50%) of the annual metered electric service bill of the above Applicant.

    b. If additional customers are connected to the above described line extension, the above Applicant shall receive refunds equal to three times estimated base revenue for each additional new customer to the extent the base revenue exceeds the additional distribution construction costs incurred by MidAmerican Energy Company. Base revenue shall be estimated annual kilowatt hours based on similarly situated customers, less the cost of fuel.

c. Refunds shall be made on the anniversary date of the original advance payment or sooner at the option of MidAmerican Energy Company.

d. Revenue for un-metered private lighting shall not be included in any refund.

e. No refunds shall be made for revenue received after six (6) years from the date of the original advance payment.

f. Never shall the total of refunds exceed the refundable portion of the payment stated above.

g. No refunds shall be made for customers served from a further extension of the above described electric line extension.

5. Except as may hereinafter be provided, MidAmerican Energy Company shall:

a. Not tamp the backfill. Applicant agrees to indemnify and hold MidAmerican Energy Company harmless from any and all damages that may result from the non-tamping of backfill operations conducted by MidAmerican Energy Company. In case any action is brought against MidAmerican Energy Company, or any of its agents or employees, relative to such backfill operations, the Applicant shall assume full responsibility for the defense thereof. Upon failure to do so on proper notice, MidAmerican Energy Company reserves the right to defend such action and charge all costs to the Applicant provided, however, that nothing herein shall be construed as an assumption of liability by the Applicant for damages and claims attributable to MidAmerican Energy Company negligence.

6. Applicant shall provide, without cost to MidAmerican Energy Company, such easements as are necessary and incidental to such installation and use of MidAmerican Energy's facilities on private property within the area served. If a 3rd party easement is required any cost associated in obtaining the easement will be paid by the applicant.

7. Be responsible for complying with all aspects of compliance as required by any local, state, or federal permit or plan associated with storm water pollution prevention or erosion control. It is specifically understood and agreed that MidAmerican Energy Company is providing the service requested by the Applicant solely for the Applicant. MidAmerican Energy Company will not become or agree to become a co-permittee or operator for the purpose of applicants' compliance with any local, state or federal permit or plan associated with storm water pollution prevention or erosion control.

8. Applicant shall be responsible for locating and marking all privately owned systems such as water services, culverts, irrigation systems, drain pipes, septic lines, and underground wiring before MidAmerican Energy Company's construction.

9. It is specifically understood and agreed that any distribution systems, or other facilities constructed or installed by MidAmerican Energy Company under terms of this Proposal shall remain the sole property of MidAmerican Energy Company and MidAmerican Energy Company shall determine, as its own judgment indicates, the manner and method of utilization thereof and to extend the same or connect other facilities there to and serve other customers there from as it shall see fit, subject only to such obligations as MidAmerican Energy Company shall have assumed in this Proposal; and no other person shall have any right, title, interest or claim, in or to the said distribution system or other facilities by virtue of any provision of this Proposal.

10. Applicant shall furnish, install, own and maintain all 4-inch ducts as shown on attached prints. All ducts shall be black w/red stripe or grey in color, PVC type schedule 40 or schedule 40 HDPE coil-able. Applicant shall install ducts a minimum of forty-two (42) inches and a maximum of forty-eight (48) inches below finish grade with capped and staked ends and equipped with pull wires. MidAmerican Energy Company will provide marker balls for the duct ends. These are available at MidAmerican Energy Company's storeroom. Applicant is responsible for correct placement and depth of conduit. **Note: No more than ten (10) conduits allowed within the secondary compartment of the transformer pad.**

Proposed this 30th day of June, 2015

MIDAMERICAN ENERGY COMPANY

By: _____

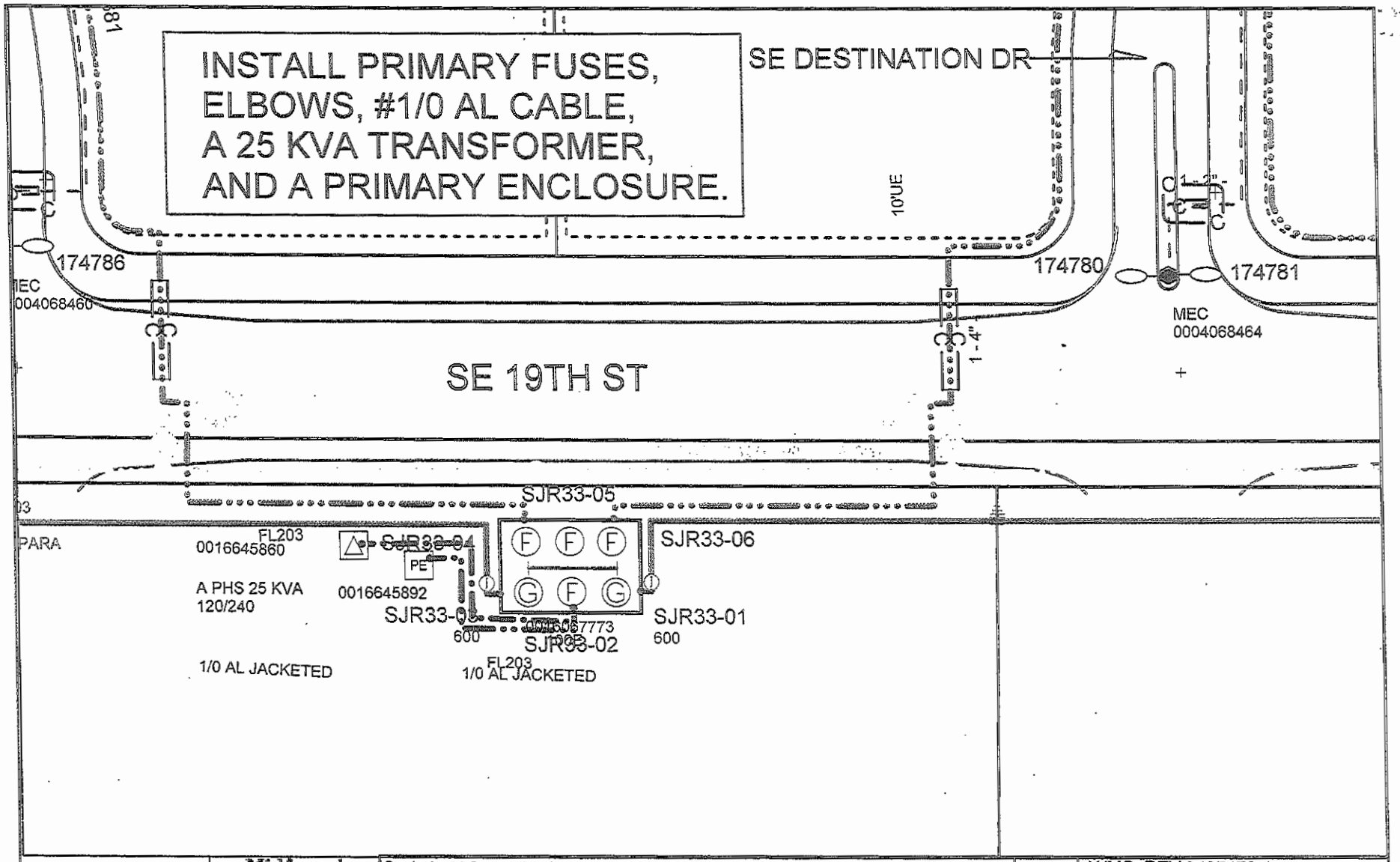
Title: CITY ADMIN

Accepted this 6th day of July, 2015

APPLICANT:

By: _____

Title: _____



MidAmerican Energy	Cust: CITY OF GRIMES	WMS_REV:2485478-1
	Addr: 2102 SE 19TH ST	Date: 6/18/2015
Crew HQ:DMWR	City: GRIMES	Scale: 1 in = 75 ft
	X = 1566168 Y = 609600	Designer: WILDEMAN,DENNIS D

Job Desc: EXTEND PRIMARY TO SERVE METERED LIGHTS FOR THE CITY OF GRIMES -- 200 AMP SERVICE

DISCLAIMER OF LIABILITY

NOTE: This drawing reflects facilities in place at the time of its preparation and is subject to change at any time. For current facility information, please contact MidAmerican Energy Company. Further, MidAmerican Energy Company disclaims all liability and responsibility for all claims and damages including, but not limited to, personal injury, death and property damage, resulting from any authorized or unauthorized use of, or reliance upon, this drawing for any purpose.

MIDAMERICAN ENERGY COMPANY

REFUNDABLE ADVANCE FOR CONSTRUCTION
UNDERGROUND ELECTRIC SERVICE EXTENSION PROPOSAL
FOR SPECULATIVE USE

MidAmerican Energy Company, an Iowa corporation and The City of Grimes ("Applicant"), agree as follows:

1. MidAmerican Energy Company will extend its electric lines underground to serve metered street lighting at 2102 Southeast 19th Street, Grimes, Iowa as shown on the attached drawings.

2. MidAmerican Energy Company will furnish the necessary labor and materials required to fulfill its undertaking, as specified above, and will commence such work as soon as reasonable and practicable after the execution of this Proposal and receipt of Applicant's cash deposit indicated below, and will prosecute such work to completion with reasonable diligence.

3. In consideration of the receipt of a payment in the amount of $4,868.89, which is a refundable Advance for Construction, MidAmerican Energy Company agrees to construct necessary electric facilities as set forth above. Please submit payment with Applicant's signed acceptance of this Proposal. If MidAmerican Energy Company is caused by Applicant to work during the winter construction season, Applicant agrees to pay in cash an additional sum of $5.37 per trench foot as a non-refundable Contribution in Aid of Construction for all required trenching.

4. The Advance for Construction shall be subject to refund by MidAmerican Energy Company to Applicant based upon the following terms and conditions:

    a. Advances shall not accrue interest and shall be subject to refund from the date of original advance payment. This will span a six-year period at the rate of fifty percent (50%) of the annual metered electric service bill of the above Applicant.

    b. If additional customers are connected to the above described line extension, the above Applicant shall receive refunds equal to three times estimated base revenue for each additional new customer to the extent the base revenue exceeds the additional distribution construction costs incurred by MidAmerican Energy Company. Base revenue shall be estimated annual kilowatt hours based on similarly situated customers, less the cost of fuel.

c. Refunds shall be made on the anniversary date of the original advance payment or sooner at the option of MidAmerican Energy Company.

d. Revenue for un-metered private lighting shall not be included in any refund.

e. No refunds shall be made for revenue received after six (6) years from the date of the original advance payment.

f. Never shall the total of refunds exceed the refundable portion of the payment stated above.

g. No refunds shall be made for customers served from a further extension of the above described electric line extension.

5. Except as may hereinafter be provided, MidAmerican Energy Company shall:

a. Not tamp the backfill. Applicant agrees to indemnify and hold MidAmerican Energy Company harmless from any and all damages that may result from the non-tamping of backfill operations conducted by MidAmerican Energy Company. In case any action is brought against MidAmerican Energy Company, or any of its agents or employees, relative to such backfill operations, the Applicant shall assume full responsibility for the defense thereof. Upon failure to do so on proper notice, MidAmerican Energy Company reserves the right to defend such action and charge all costs to the Applicant provided, however, that nothing herein shall be construed as an assumption of liability by the Applicant for damages and claims attributable to MidAmerican Energy Company negligence.

6. Applicant shall provide, without cost to MidAmerican Energy Company, such easements as are necessary and incidental to such installation and use of MidAmerican Energy's facilities on private property within the area served. If a 3rd party easement is required any cost associated in obtaining the easement will be paid by the applicant.

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8. Applicant shall be responsible for locating and marking all privately owned systems such as water services, culverts, irrigation systems, drain pipes, septic lines, and underground wiring before MidAmerican Energy Company's construction.

9. It is specifically understood and agreed that any distribution systems, or other facilities constructed or installed by MidAmerican Energy Company under terms of this Proposal shall remain the sole property of MidAmerican Energy Company and MidAmerican Energy Company shall determine, as its own judgment indicates, the manner and method of utilization thereof and to extend the same or connect other facilities there to and serve other customers there from as it shall see fit, subject only to such obligations as MidAmerican Energy Company shall have assumed in this Proposal; and no other person shall have any right, title, interest or claim, in or to the said distribution system or other facilities by virtue of any provision of this Proposal.

10. Applicant shall furnish, install, own and maintain all 4-inch ducts as shown on attached prints. All ducts shall be black w/red stripe or grey in color, PVC type schedule 40 or schedule 40 HDPE coil-able. Applicant shall install ducts a minimum of forty-two (42) inches and a maximum of forty-eight (48) inches below finish grade with capped and staked ends and equipped with pull wires. MidAmerican Energy Company will provide marker balls for the duct ends. These are available at MidAmerican Energy Company's storeroom. Applicant is responsible for correct placement and depth of conduit. **Note: No more than ten (10) conduits allowed within the secondary compartment of the transformer pad.**

Proposed this 30th day of June, 2015

MIDAMERICAN ENERGY COMPANY

By: _____

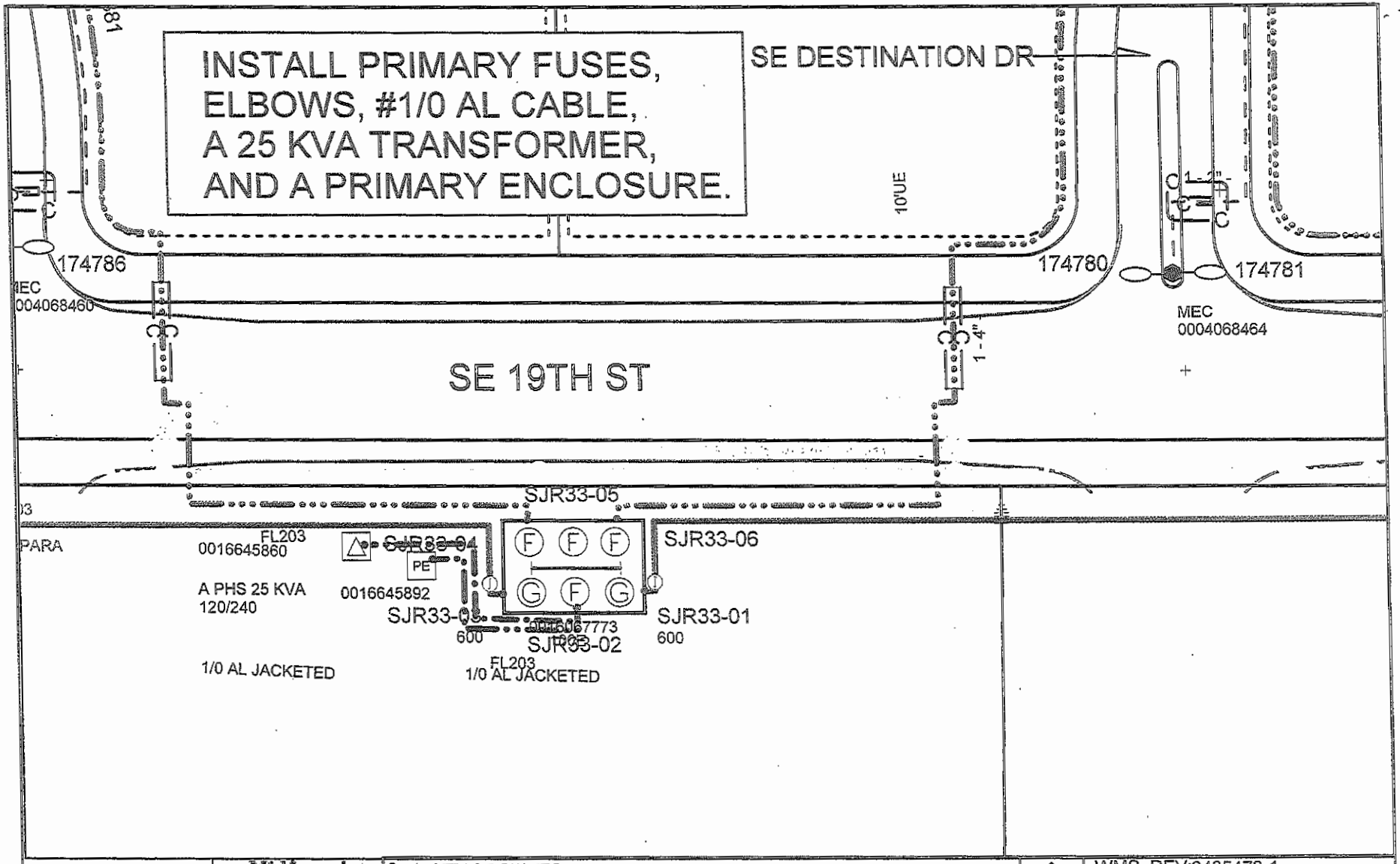
Title: CIM ADMINISTRATOR

Accepted this 6th day of July, 2015

APPLICANT:

By: _____

Title: _____



MidAmerican Energy	Cust: CITY OF GRIMES		WMS_REV:2485478-1
	Addr: 2102 SE 19TH ST		Date: 6/18/2015
Crew HQ:DMWR	City: GRIMES	X = 1566168 Y = 609600	Scale: 1 in = 75 ft
			Designer:WILDEMAN,DENNIS D

Job Desc: EXTEND PRIMARY TO SERVE METERED LIGHTS FOR THE CITY OF GRIMES -- 200 AMP SERVICE

DISCLAIMER OF LIABILITY

NOTE: This drawing reflects facilities in place at the time of its preparation and is subject to change at any time. For current facility information, please contact MidAmerican Energy Company. Further, MidAmerican Energy Company disclaims all liability and responsibility for all claims and damages including but not limited to, personal injury, death and property damage, resulting from any authorized or unauthorized use of, or reliance upon, this drawing for any purpose.

Packet: 2695 - Refunds From Zone 01

---ACCOUNT----	----------NAME----------	--DATE--	----TYPE-----	-CK #-	----AMOUNT----	----------DEPOSIT---------- CODE	-RECEIPT--	--AMOUNT---	----MESSAGE-----
01-015100-05	HOBBS, JULIE	0/00/00	FINAL BILL	0	75.84CR	100	00124465	100.00CR	
01-036000-02	CLUCK, CRYSTAL/WILLIAM	0/00/00	FINAL BILL	0	94.99CR	100	00101134	100.00CR	
						100	00000000	100.00CR	
01-037200-03	HANCOCK, MICHELLE	0/00/00	FINAL BILL	0	57.34CR	100	00102150	100.00CR	
01-037500-04	SALTERS, DOUGLAS	0/00/00	FINAL BILL	0	86.30CR	100	00050841	100.00CR	
01-038700-07	RILEY, NICHOLAS	0/00/00	FINAL BILL	0	41.66CR	100	00104150	100.00CR	
01-040900-04	UPLAND, JACOB	0/00/00	FINAL BILL	0	83.89CR	100	00090786	100.00CR	
01-045900-00	SOUSA, RENAE	0/00/00	FINAL BILL	0	63.24CR	100	00000000	100.00CR	
01-170200-06	LAWYER, JOHN	0/00/00	FINAL BILL	0	88.35CR	100	00092544	100.00CR	
01-171100-05	DOUGHTY, JOSIAH	0/00/00	FINAL BILL	0	74.22CR	100	00091589	100.00CR	
01-175000-00	BOUHAIK, BRAHIM	0/00/00	FINAL BILL	0	49.67CR	100	00000000	100.00CR	
01-185400-00	COLE, JANET	0/00/00	FINAL BILL	0	24.83CR	100	00000000	100.00CR	
01-211500-07	ELDRIDGE, CHELSIE	0/00/00	FINAL BILL	0	81.81CR	100	00104699	100.00CR	
						100	00000000	100.00CR	
01-211900-01	GOODRICH, JULIE	0/00/00	FINAL BILL	0	84.10CR	100	00000000	100.00CR	
01-322208-03	MOLLMAN, JACOB	0/00/00	FINAL BILL	0	57.77CR	100	00094151	100.00CR	
01-322302-04	KERR, HEATHER/GABRIEL	0/00/00	FINAL BILL	0	7.74CR	100	00125026	100.00CR	
01-322310-00	MONAHAN, RILEY	0/00/00	FINAL BILL	0	88.13CR	100	00000000	100.00CR	
01-333208-02	BROWN, JUSTIN	0/00/00	FINAL BILL	0	36.11CR	100	00108328	100.00CR	
01-344202-04	SHERMAN, ELIZABETH	0/00/00	FINAL BILL	0	16.37CR	100	00119089	100.00CR	
01-344306-04	DUART, BRANDON	0/00/00	FINAL BILL	0	51.25CR	100	00110738	100.00CR	
01-344308-00	MCGRATH, ANGELA	0/00/00	FINAL BILL	0	83.98CR	100	00027890	100.00CR	
02-016200-00	NIELSEN, ERIN	0/00/00	FINAL BILL	0	47.45CR	100	00000000	100.00CR	

TOTAL REFUNDS: 21
AMOUNT: 1,295.04CR

ERRORS: 0

** END OF REPORT **

Rochelle Williams

From: Andrew Wood <awood@uswatercorp.net>
Sent: Tuesday, July 07, 2015 11:09 AM
To: Rochelle Williams
Subject: Booster Station ATS

Rochelle,

The three quotes provided for the booster station automatic transfer switch varied from company to company. I've listed my concerns and recommendation below:

Jetco- $4834 is for switch and install only. They will be using the existing cabinet and making modifications. This cuts down on labor and parts. The cabinet holds moisture in it during the winter months and rain events. I believe this is why the old switch failed.

3E- $9518 includes the switch with new cabinet, freight and start up but not installation. With the new switch there will be more wiring and site work needed. This will cost $3,000 to $4,000 more. This route will involve another contractor and warranty or service work could become an issue

Ziegler- $13,660 includes switch with new cabinet, installation and start-up. .

Due to the importance of the booster station and the need for back up power the DNR requires the generator and transfer switch be in working order. It will take several weeks to get the switch and have the install complete. We have other means of emergency power available if needed but these are only temporary.

I recommend the Ziegler unit for $13,660.

Let me know if you need any further information.

Thank You,

Andrew Wood
Supervisor
USW Utility Group
Grimes, Iowa
(515) 822-2320

U.S. Water Services Corporation

Andrew Wood <awood@uswatercorp.net>

ATS Replacement

1 message

Steve Steenhoek <Steve.Steenhoek@zieglercat.com> Tue, Jul 7, 2015 at 9:48 AM
To: "Andy Wood (awood@uswatercorp.net)" <awood@uswatercorp.net>

Andy

I have gotten a budget put together for the replacement of the ATS

260 A ATS

Closed transition

3 pole

3R Secured enclosure

Space heater

Installation

$20,675.00

260 A ATS

Delayed transition

3 pole

3R Secured enclosure

Space heater

Installation

$13,660.00

Let me know how I can be of assistance to you

Thank you

Steven Steenhoek

Sr. Sales Engineer | Ziegler CAT

1500 Ziegler Drive NW I Altoona, IA 50009

515.957.3838 Office

515.249.5507 Mobile

515.957.3879 Fax

www.zieglercat.com

Sign up here for our e-newsletters

may be incurred in connection with damaged or defective equipment without prior written approval.

All prices F.O.B. point of shipment and subject without notice. Our responsibility ceases upon delivery in good order to the transportation company.

Payment Terms - Net 25th prox.

Any sales/use tax due on material is the responsibility of the purchaser.

1% service charge on delinquent accounts.

Electrical Engineering & Equipment Company offers no warranties expressed or implied as to quality, durability, workmanship, performance, operation or fitness of any material or apparatus sold. Electrical Engineering & Equipment Company disclaims all liability including consequential or special damages. Warranties only as provided by the manufacturer in writing apply to all articles, material and apparatus sold by Electrical Engineering & Equipment Company. Such warranties as provided by the manufacturer will be provided to any customer upon request.

- Front-accessible contacts for easy inspection
- Reliable, field-proven solenoid mechanism
- Switching mechanism lubricated for life
- Internal manual operating handle
- Main shaft auxiliary position-indicating contacts
- Kohler Decision-Maker MPAC 1500 digital controller
- LCD display, 4 lines x 20 characters, backlit
- LED indicators: source available, transfer switch position, service required, not in auto
- Phase-to-phase sensing and monitoring with 0.5% accuracy on both sources
- Frequency sensing with 0.5% accuracy on both sources
- Anti-single phasing protection
- Programmable over and under voltage on both sources
- Programmable over and under frequency on both sources
- Adjustable time delays
- Time-based and current-based load control of nine individual loads (with appropriate I/O modules)
- Programmable transfer commit/no commit
- 21 programmable exercise events
- Fail-safe transfer for loaded test and exercise functions
- Two programmable inputs / two programmable outputs on main logic board
- RS-485 and Modbus RTU communications
- RJ-45 and Modbus TCP/IP communications

Configuration

Qty	Description
1	KCC-DMTC-0260S
1	User Interface Cover
2	Programmable Input/Output Module
1	Battery Option Board Module
1	Heater, ATS 100W
1	Input/Output Mounting Module Assembly
1	Warranty, 1 Year Standard
1	Lit Kit, ATS Production, KCS/KCP/KCC

Electrical Engineering & Equipment
1808 Delaware Avenue
Des Moines, IA 50317
P: 515-266-8890
F: 515-266-1181

OFFER TOTAL SELL PRICE: $9,518.67
PRICE INCLUDES FREIGHT AND START UP - Not installed

Price does not include any applicable taxes or installation.

OFFER ACCEPTANCE

I hereby authorize Electrical Engineering and Equipment to use this form as a bona fide purchase order of the equipment shown on Offer Number: 15143, which clearly establishes definite price and specifications of material ordered. The person signing is doing so according to the terms and conditions.

Proposed by:		**Accepted by:**	
Company:	Electrical Engineering and Equipment	Company:	_____
Print Name:	Jason Murray	Print Name:	_____
Title:	Generator Sales	Title:	_____
Signature:	_____	Signature:	_____
Date:	_____	Date:	_____
		PO Number:	_____

Electrical Engineering & Equipment
1808 Delaware Avenue
Des Moines, IA 50317
P: 515-266-8890
F: 515-266-1181

Return Goods Policy

Stock Material

3E will accept for full credit any normal stock item(s), in normal stock quantities, subject to the following conditions:

A. The material must be in the original carton and in resalable condition.

B. The material has been purchased within the past 120 days.

C. The customer furnishes 3E with the invoices/sales order number on which the material was purchased.

D. Any applicable cash discounts will be deducted from credits.

A 10% restocking charge will apply when a normally stocked item is returned to 3E without the customer supplying the invoice/sales order number of the original purchase.

A 25% restocking charge will apply when material is returned after 120 days.

Material will not be accepted for return if any of the following conditions apply:

A. Packaging is soiled or damaged.

B. Material is not in original container or package.

C. Material was purchased more than one (1) year prior.

D. Material is obsolete.

E. Quantities are greater than those normally stocked by 3E.

F. Material has been altered. (Example: cut wire)

Non-Stock & Special Order Items - 3E will accept for return to the manufacturer any special order or non-stock merchandise subject to the following conditions:

A. Customer must provide the invoice/sales order number of the original purchase.

B. Manufacturer has issued a Return Good Authorization (RGA).

C. Material must be in the original container or package.

D. Material must be in resalable condition.

E. Customer agrees to accept all restocking, freight, and handling charges.

F. Any applicable cash discounts will be deducted from credits.

3E or Manufacturer Error - 3E will accept for immediate and full credit any item(s) shipped incorrectly by 3E or any of our vendors if returned within 30 days.

Defective Material - 3E will accept for credit or exchange any defective material subject to the terms and conditions of the manufacturers stated warranty. All material is subject to inspection and if found to be in working condition will be returned to the customer.

Damaged Material - 3E will accept for full credit any material damaged during delivery on a 3E truck. Damaged material will be picked up and credited or replaced as soon as possible. 3E must be notified within 5 working days of any such damaged goods.

Limitation of Liability - 3E will not accept responsibility for any expenses such as; labor, transportation, removal, installation, or other expenses which

Jetco Electric Inc.

ELECTRICAL DIVISION

Tuesday May 26, 2015 Quote Number: 4824 E

To: US Water Corp.

Re: Grimes Iowa Pump Station Transfer Switch

Attn: Andrew Wood

Following is a Quote to replace the transfer switch that is currently bypassed. Please note that while this transfer switch is bypassed the City of Grimes has no backup power at this site.

The new transfer switch would be a new Kohler open style mounted in the existing enclosure. - Old cabinet draws moisture in winter/rain
Kohler authorized service is included for programming and testing after installation.

Total installation, testing and start up. $ 4,834.00

Sincerely, Richard Blanchard

208 1ST Ave. S. Altoona, IA 50009, Ph. 515.967.5874, Fax 515.967.4110
Email: jetcoinfo@jetcoelectric.com

Electrical Engineering & Equipment
1808 Delaware Avenue
Des Moines, IA 50317
P: 515-266-8890
F: 515-266-1181

Job Name: Grimes Water Tower
Offer: 15143
Version 1.0
Quote: 0026156876
6/25/2015

Visit us at KohlerPower.com

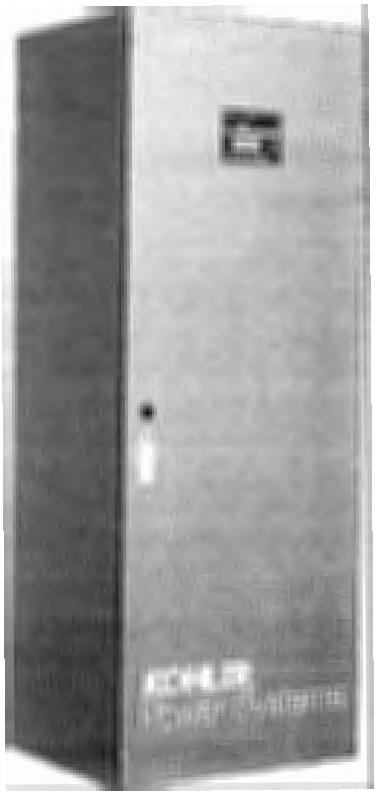
To:

P:
F:

From: Jason Murray
Generator Sales
Electrical Engineering and Equipment
1808 Delaware Ave
Des Moines, 50317
P: 515-266-8890 F:
jason.murray@3e-co.com

AUTOMATIC TRANSFER SWITCH

ISO 9001 KOHLER POWER SYSTEMS NATIONALLY REGISTERED



Kohler Model: ATS1500
3 Pole, 4 Wire, Solid Neutral, 0260 Amps, Kohler Standard rated Closed automatic transfer switch, Model KCC-DMTC-0260S, rated 480V, 60 Hz, complete with all standard equipment and housed in a NEMA Type 3R enclosure.

Standard Features

- UL 1008 Listed
- Electronically operated, mechanically held mechanism
- High withstand and close-on ratings
- Gold-flashed engine start contacts

Form 830240wd
04-08

Iowa Department of Transportation

Change Order

No. 7

	Part	Non-Part
Non-Substantial:	☒	☐
Substantial:	☐	☐

Concurrence Date

Contract Accounting ID No.: 31527

County POLK

Project No: STP-U-3125(611)-70-77

Kind of Work: PCC PAVING - GRADE & REPLACE

Date Prepared: July 1, 2015

Contractor: CONCRETE TECHNOLOGIES, INC

You are hereby authorized to make the following changes to the contract documents.

A - Description of change to be made or extra work to be done:

Extra work needed for hardware to place 8 signs on light pole and speed limit signage revisions.

Extra payment for 2015 concrete prices (9-inch PCC Pavement).

0 working days time extension granted for extra work listed above.

B – Reason for change or extra work:

The sign posts were removed and 8 signs were mounted directly on the light poles. The cost is for the material and labor to install the signs on the poles. The 25 mph speed limit signs were replaced with 35 mph signs.

The projet was delayed to to private utility work and the 2015 concrete prices increased.

Approved ----------
Kelley Brown, City Administrator Date

(Continued on reverse side)

Approved _____ _____
District Construction Engineer Date

[signature] 7.1.2015
Project Engineer Date

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to.

Approved contingent upon funds being available under the existing project agreement or upon additional Federal-aid funds being made available by a modified project agreement.

Concrete Technologies Incorporated
Contractor

By [signature] 7-1-15
Date

_____ _____
Date For the Division Administrator
Federal Highway Administration

Approved _____ _____
Assistant Construction Engineer Date

DISTRIBUTION: Project Engineer – Forward original to District.
District – Nonsubstantial – Forward original and one copy to the Office of Construction and two copies back to the Project Engineer.
- Substantial - Forward original and two copies to the Office of Construction.

Accounting ID No. | 3 | 1 | 5 | 2 | 7 | 0 |
1 2 3 4 5 6

C-1 –Settlement for cost of work to be made as follows:

Agreed unit prices, time and materials charges and contract unit prices.

Change Order No. 7

C-2 – Justification for cost(s) Negotiated prices for extra work.

D – ITEMS INCLUDED IN CONTRACT

Change No.	Line Item Number	Unit Price .XXX	If Credit Add "CR" Quantity .XXX	Amount .XX
7				
7				
7				
7				
7				
7				
7				
			TOTAL	

E – ITEMS NOT INCLUDED IN CONTRACT

Change No.	Item Description	Item Number	Function Code	Unit Price .XXX	If Credit, Add "CR" Quantity .XXX	Amount .XX
8019	SIGNAGE REVISIONS, LUMP SUM	2599-9999010		$1,530.50	1	$1,530.50
8020	2015 CONCRETE PRICE ADJ, LUMP SUM	2599-9999010		$3,801.00	1	$3,801.00
8						
8						
8						
8						
8						
					TOTAL	$5,331.50

1305 NE Park St
Grimes, Iowa 50111

June 9, 2015

City of Grimes
101 NE Harvey St
Grimes, Iowa 50111

To Whom It May Concern:

I am currently in the process of purchasing a 2.37 acre property in Grimes and I am requesting annexation. I would like to ensure the property can be annexed prior to closing. The property information is as follows:

ID # 403059
Parcel # 24000771701001
Legal Description: -EX BEG NW COR LT A THN E ALNG N LN LT A 383F S 333F W 383F TO W LN LT 1 N ALNG W LN LT 1 332.1F TO POB- LT 1 TOWN & COUNTRY

Once my current home is sold and the annexation for the new property is approved, construction can begin. I am currently working with Dreamscape Home Builders to design a custom home. A small woodworking shop is also being planned for the property. Once all of the plans are approved and the location of the house on the property is determined, the tie in of utilities will be scheduled to include water, sewer, natural gas, and electricity. A temporary gravel driveway will be installed for use during construction. Once the construction is complete a hard surface driveway will be installed.

Sincerely,

Michelle L. Zeliadt
Michelle L. Zeliadt

Property Type: Land — **Full Listing** — Page: 1 Date: 06/09/15 Time: 10:31

ID#:	403059	Status:	Active
Rap#:		Map Area:	
Address:	,	Price:	$99,900
City:	Grimes	County:	Polk
MLS Area:	GRIMES		
Zip:	50111	Parcel No:	24000771701001
Lot Size:	Lot SF: 103062.000	Acres:	2.37

Directions: In Grimes from SE 1st and James, go North to NW 82nd Ave. Go left or West passed North Ridge Elementary school. Land is about half mile on your left or South side of NW 82nd Ave. 13396 NW 82nd Ave shares.

School District: DALLASCE — Zoning: ER

Features:
Gas....
Sewer....
Street.... Concrete
Water....
Electric....

Owner: Bryan Thompson — Home Ph:
Wk Phone: — Fax:
Second Owner: Lisa Thompson

Legal Description: -EX BEG NW COR LT A THN E ALNG N LN LT A 363F S 333F W 383F TO W LN LT 1 N ALNG W LN LT 1 332.1F TO POB- LT 1 TOWN & COUNTRY

Gross Taxes: $714.00 Net Taxes: $713.00 Tax Year: Special Assess:

Listing Date: 06/12/12 Expire Date: 01/01/16 Status Date: 01/06/15

Terms Available: Conventional ,Cash

Var. Rate Comm.: Reserved Buyer: Sign: Y Sell Disclose: SC to SF: % 3.00

Listing Agent Name: Ryan Rivera — Agent Phone: 515-554-5870
Listing Office: RE/MAX REAL ESTATE CONCEPTS — Office Phone:

Pending Date: — Sold Date:
Acceptance Date: — Sold Price:

Selling Agent Name: — Agent Phone:
Selling Office: — Office Phone:

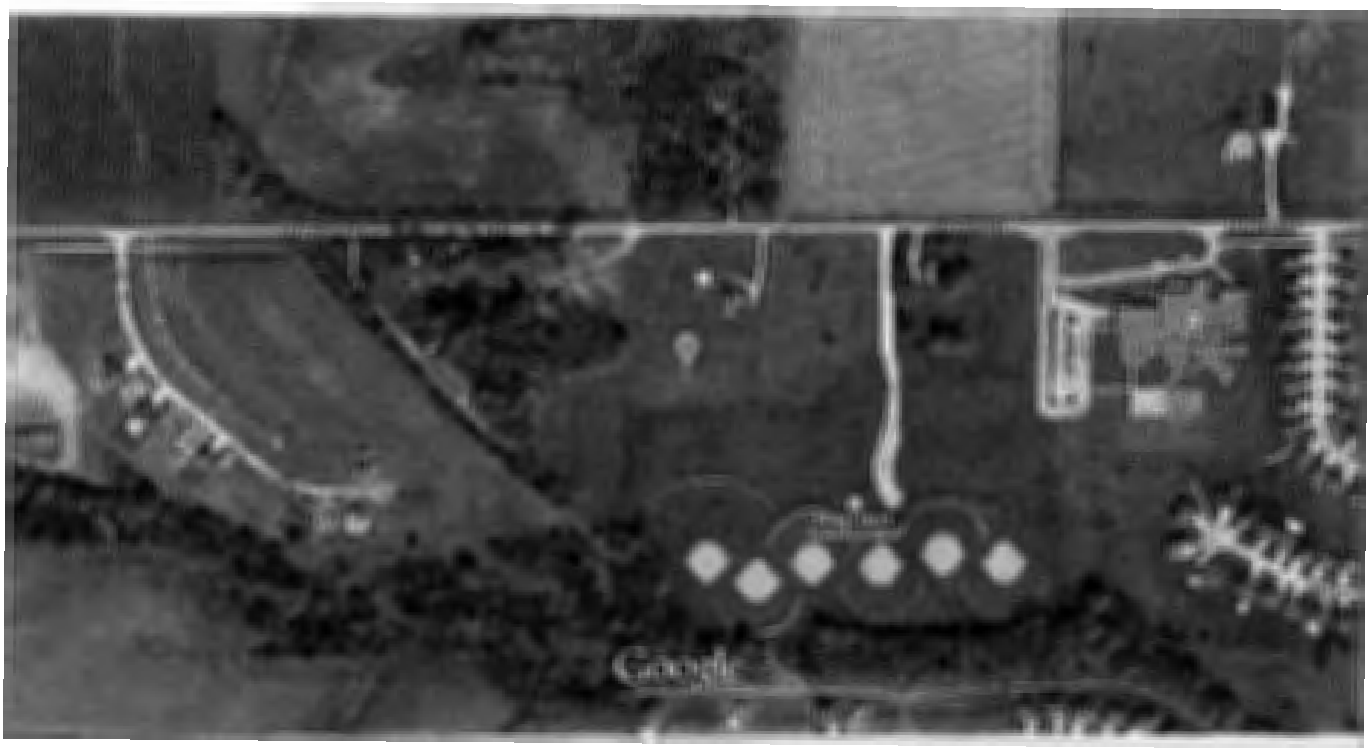
Buyer Name:
Points:
Selling Terms: — LTV:

Remarks: They're not making any more of it so you may want to buy some! This great piece of land is located right next to the Grimes soccer fields & within walking distance of North Ridge Elementary School! The undeveloped land of 2.7 +/- acres has 2 options for perspective home builders. Option 1) Request Annexation to the City of Grimes through written communication. This process is of no cost to the perspective buyer, however this process may take up to three months per the City of Grimes (If option 1 is pursued & accepted the perspective buyer would be required to access water/sewer - no septic would be allowed. There is a tie in fee assessed) Seller is unsure of availability of natural gas to the property. A paved driveway from the street would also be required. Option 2) as this property is zoned Country & less the three acres it does not meet minimum building requirements set by Polk County. An alternate option would be to request a variance by the Polk County zoning commission.

This parcel is not currently in the City of Grimes, however, I/we have spoken to the city and you can too. They can annex and make it part of the city. Call Joe McAreavy at 515-986-3036 or John Gade 515-291-2470 or Fax Engineering.

2 of 4

Information is believed to be accurate but should not be relied upon without verification.



Search nearby: hotels · restaurants

41°42'32.2"N 93°48'13.6"W
41.708948, -93.803773

200 ft

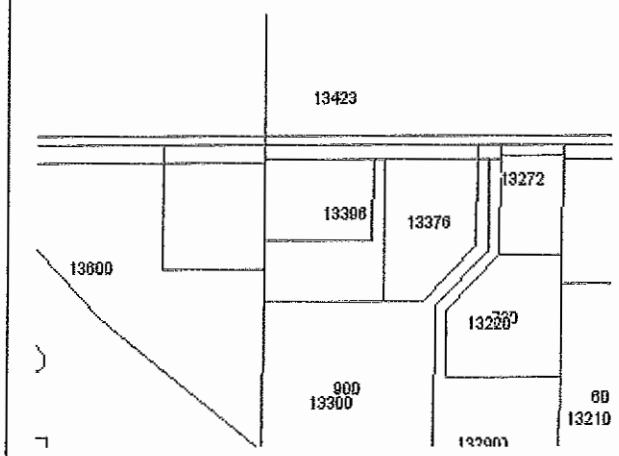
3 of 4

Polk County Assessor

111 Court Avenue #195
Des Moines, IA 50309-0904
(515) 286-3014 Fax (515) 286-3386
polkweb@assess.co.polk.ia.us

Location					
City	None Listed	**Zip**	None Listed	**Jurisdiction**	Jefferson Township
District/Parcel	**240/00771-701-001**	**Geoparcel**	8025-30-400-017	**Status**	Active
School	Dallas Grimes	**Nbhd/Pocket**	JE01/D4	**Fire**	Jefferson Fire District
Submarket	Western Suburbs	**Appraiser**	Patrick Zaimes, ICA 515-286-3832		

Click on parcel to get a new listing



Bigger Map
Google Map Pictometry

Historical Photos

Ownership - 2 Records

Ownership	Num	Name	Recorded	Book/Page
Title Holder	1	THOMPSON, BRYAN	2010-12-09	13695/771
Title Holder	2	THOMPSON, LISA		

Legal Description and Mailing Address

-EX BEG NW COR LT A THN E ALNG N LN LT A 383F S 333F W 383F TO W LN LT 1 N ALNG W LN LT 1 332.1F TO POB- LT 1 TOWN & COUNTRY	LISA THOMPSON 10604 NW 78TH AVE GRIMES, IA 50111

Current Values

Type	Class	Kind	Land	Bldg	Total
2015 Value	Residential	Full	$45,100	$0	$45,100

Assessment Roll Notice Market Adjusted Cost Report

Zoning - 1 Record

Zoning	Description	SF	Assessor Zoning
ER	Estate Residential District		Residential

Polk County Department of Planning & Development 515 286 3705 (2007-10-01)

Land					
Square Feet	103,062	**Acres**	2.366	**Year Platted**	2003
Topography	Normal	**Shape**	Irregular	**Vacancy**	Yes
Unbuildable	No				

Sales - 1 Record

Seller	Buyer	Sale Date	Sale Price	Instrument	Book/Page
WYOMING 505	THOMPSON, BRYAN	2010-12-08	$8,800	Deed	13695/771

Permits - 1 Record

Year	Type	Permit Status	Application	Description
2007	Pickup	Complete	2006-06-06	review value/plat law expired

Historical Values

Yr	Type	Class	Kind	Land	Bldg	Total
2015	Assessment Roll	Residential	Full	$45,100	$0	$45,100
2013	Assessment Roll	Residential	Full	$41,000	$0	$41,000
2011	Assessment Roll	Residential	Full	$41,000	$0	$41,000
2009	Assessment Roll	Residential	Full	$43,500	$0	$43,500
2007	Assessment Roll	Residential	Full	$40,600	$0	$40,600
2005	Assessment Roll	Residential	Full	$1,650	$0	$1,650
2003	Assessment Roll	Residential	Full	$1,650	$0	$1,650

This template was last modified on Tue Mar 31 13:28:41 2015.

Northway Well and Pump Co.
4895 8th Avenue
Marion, Iowa 52302

July 2, 2015

Kelley Brown
City Administrator
City of Grimes
NE Harvey St.
Grimes IA. 50111

Dear Ms. Brown,

Northway Well & Pump Co. is pleased to offer the following proposal to perform rehabilitation of the shallow wells as per the following procedure.

SCOPE OF WORK:

1. Pretreatment test, pull the pumping unit, & field inspect.
2. Mechanically brush mineral build up from the ID of the casing.
3. Clean debris from the bottom of the well.
4. TV survey.
5. Introduce 330 gallons of Hydrochloric acid in the screen area.
6. Shock with a screen length of primer cord followed by mechanically surging the acid.
7. Install a Northway test pump, pump out acid and test.
8. Introduce a mix of NW-220, Chlorine, & H20 and surge into our 7000 gal. tanker.
9. Pump out chemicals and test.
10. Post treatment T.V. Survey.
11. Install the city's pumping equipment, disinfection & test.

REHABILITATION. $ 13,750.00 each

Any materials necessary to repair the pumping units will be negotiated following the inspection of the pumping unit. No materials will be supplied with out authorization from the City of Grimes.

All work will be done by State of Iowa certified well drillers & pump installers. Northway Well & Pump Co. takes great pride in following all State of Iowa guidelines, rules, codes and in protecting the ecology and the environment.

Thank you for your consideration and past business. If you have any questions, please feel free to call us at 1-800-747-4575.

Sincerely,
Gale McIntosh
NORTHWAY WELL & PUMP COMPANY

Phone 319-377-6339 1-800-747-6339 FAX 319-377-8148

Rochelle Williams

From: Kelley Brown
Sent: Wednesday, July 08, 2015 1:44 PM
To: Rochelle Williams
Subject: FW: RO Pilot Study
Attachments: City of Grimes Iowa Pilot Proposal.pdf; Harn RO General Pilot Info Package 2014 with Drawings.pdf

Hi Rochelle –

These are for the next consent agenda please and thank you!

Kelley

From: Steve Troyer [mailto:stroyer@foxeng.com]
Sent: Wednesday, July 08, 2015 1:24 PM
To: Kelley Brown
Cc: Dale Watson; Aaron Voss; Andrew Wood
Subject: RO Pilot Study

Kelley,

Attached is a proposal from Harn RO for rental of the RO pilot system. They would provide the equipment, start-up assistance and training, on-going support throughout the pilot study, and a report upon completion. The pilot unit should operate for 3 months, so the cost of the rental plus optional services would be about $30,000. For the optional services shown in the proposal, I would include item 1 (pilot study report), and item 3 (membrane autopsy). The membrane cleaning skid will likely not be needed, so I would not include that at this time.

Harn has a pilot unit available, so they could start as early as August.

The pilot unit would need to be operated by USW. There would be monitoring and data recording that would needed on a daily basis. Samples would also need to be collected and sent to a lab for testing each week.

USW or the city would also need to unload the pilot, and it would need to be located indoors. Power and controls wiring would need to be provided to the pilot unit, along with water piping/valves from the Jordan well and drain piping from the pilot unit.

Attached is some additional info on the pilot unit, showing the size, power requirements, piping, etc.

I did talk with one other RO system manufacturer, but have not yet received a proposal from them (the costs would likely be similar based on other recent projects). They were also not sure if a pilot unit would be available in August.

I also wanted to mention that IDNR has recently softened their stance on requiring pilot studies. They stated that if it's not an SRF project, and it's not treating for an MCL, they would not required a pilot study. For the Jordan water, we would need to remove radium to get under the MCL, and in the past they've viewed ammonia removal as an indirect MCL issue since it can convert to nitrite. It's questionable whether DNR would let us get by without doing a pilot, but I still think doing the pilot is worth while. It will allow us to optimize the design for the lowest cleaning frequency and longest membrane life, and provide a higher level of confidence in the system.

I'll send a task order this afternoon for our services as well. We'll need to develop a protocol for the

study, review the data throughout the pilot study, and submit a final report to IDNR.

Sorry for the long email... let me know if you have questions. Thanks.

Steve Troyer, P.E.

FOX Engineering Associates, Inc.
414 South 17th Street | Suite 107 | Ames, IA 50010
Office | 515.233.0000 | Cell | 515.290.3847
www.foxeng.com

PROPOSAL

HARN R/O SYSTEMS, INC. – 310 CENTER COURT – VENICE, FLORIDA 34285
(P) 941-488-9671 - (F) 941-488-9400

City of Grimes, Iowa	R/O Pilot Study	7-1-15
Attn: Mr. Steve Troyer, PE / Fox Engineering	Re: R/O System Pilot Lease	

Harn R/O Systems, Inc. is pleased to provide the following proposal to provide equipment and services for a reverse osmosis (RO) pilot system as follows:

1. Provide one (1) nominal 20,000 GPD reverse osmosis pilot system, configured in a 2:2:1:1 array of 4" diameter three and four element vessels, for a minimum rental period of three months. This unit is designed to replicate a full-scale system and can achieve up to 85% recovery without the use of concentrate recycle. The unit is self-contained, but it must be installed in a sheltered, weather-protected location. All electrical and water services are to be brought to the pilot site prior to scheduling delivery of the pilot system. Electrical service shall be provided to the pilot unit site by others and the owner shall provide a licensed electrician to make the power connection to the pilot unit. Connecting the pilot on-skid feed, permeate and concentrate pipes to the yard/well piping will be by others.

   Lease one (1) RO Pilot Unit ..... ~~$6,000.00 per month~~
   Discounted 50% $3000 per month

2. Provide twenty-one (21) R/O elements ..... $6,300 plus freight
3. Provide necessary expendables: cartridge filters, scale inhibitor, SDI kit, etc $750.00
4. Provide installation, training and start-up assistance (estimated five days)..... $600.00 per day plus expenses. Should additional field service be required it will be billed at the above per diem rate.
5. Freight to and from jobsite (estimate, billed at cost) $3000.00

OPTIONAL SERVICES (If Requested)

1. Provide a detailed pilot study report..... ~~$5,000.00~~
   Discounted 50% $2500
2. Provide skid mounted pilot cleaning system ..... $750.00 per month
3. Provide autopsy report for one (1) membrane element at the conclusion of the pilot study $2,000.00

Note: A minimum of three (3) months is required for the duration of the pilot study.

SERVICE PROVIDED BY OTHERS:
Installation of yard/well piping, other equipment, and applicable permits; unloading and setting of pilot unit, trailer/shelter, connection of electrical service to RO system; pre-treatment and post-treatment chemicals; laboratory analyses and operating personnel to collect data, mix chemicals and operate system.

We Propose hereby to furnish material and labor – complete in accordance with above specifications, for the sum of:
The first month's rent payment is required prior to shipment. Rental period begins upon delivery of equipment to jobsite. The Lessee shall be responsible for any loss or damage to the equipment during the rental period. Delivery fee, installation and start-up labor costs and misc. expenses are billed following completion of start-up. Subsequent monthly rental fees are billed at the beginning of each month. Return freight and any optional services such as pilot study report and autopsy repoare are billed after completion.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature _____

NOTE: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature _____

Signature: _____

Date of Acceptance: _____

Harn R/O SYSTEMS INC.

MEMBRANE WATER TREATMENT SYSTEMS

Pilot Unit Description, Specifications, and Protocol

April 2014

Harn R/O Systems, Inc. has over thirty years of experience in the design, manufacture, installation and maintenance of reverse osmosis water treatment systems, producing systems for numerous applications, with capacities of up to eight million gallons per day. Our success with these large, sophisticated systems is due in large part to our ongoing commitment and involvement with pilot systems.

Harn R/O Systems, Inc. has designed and manufactured numerous pilot systems. Our understanding of the goals of pilot studies and our experience with the operation of pilot systems makes us uniquely qualified to design and manufacture pilot systems that are reliable, "operator-friendly" and provide quality data. In addition to our custom-designed reverse osmosis pilot systems, we have provided several pilot systems specifically designed for EPA Information Collection Rule pilot studies.

Harn R/O Systems, Inc provides a technical service engineer to assist the owner with installation and training of the owner's operator in data collection and the operation of the system. The owner must provide a suitable enclosure for the equipment as well as an operator, power and any necessary treatment chemicals.

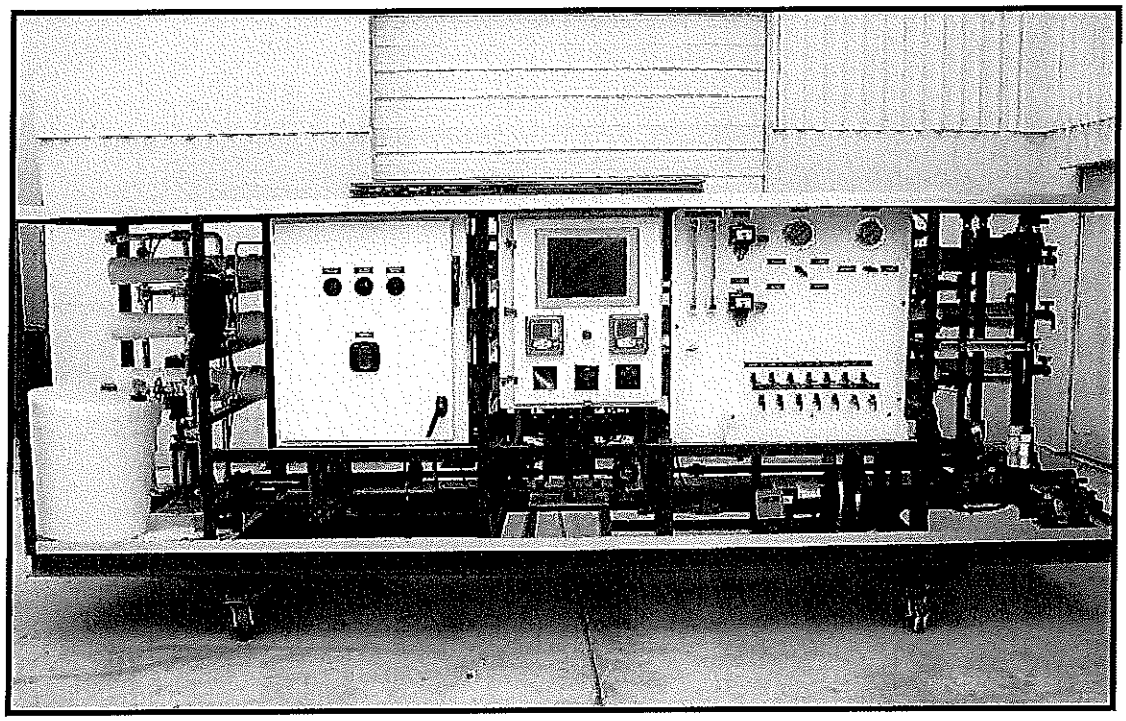
Harn has manufactured approximately twelve full-scale reverse osmosis or membrane softening pilot units in the past five years. We have manufactured three seawater pilot units and three ultrafiltration pilot units. The pilot units are used for all types of water treatment from turbidity reduction of surface water to salt removal for seawater. All types of membrane softening and brackish membrane treatment are accommodated.

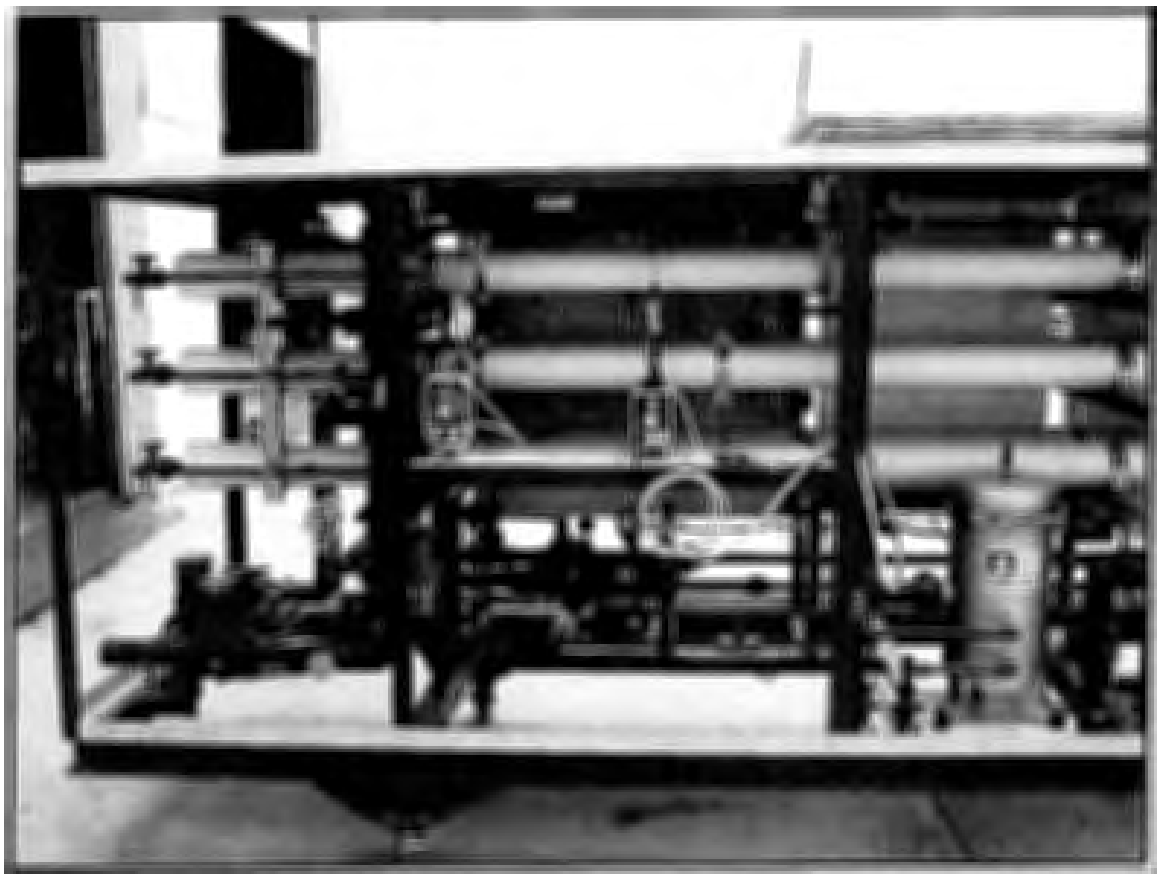
The full-scale pilot systems that we have developed are the smallest production systems that can be built that accurately duplicate the design of a full-scale production system. The benefit of the full-scale pilot system is that it incorporates full-length, 6 or 7 element pressure vessels that give the pilot system the ability to duplicate full scale design conditions without requiring concentrate recycle to increase recovery. Recycling the concentrate to achieve higher recoveries produces an unnatural feed water making it impossible to determine overall permeate quality, blend ratios, chemical use, power consumption, fouling rates, cleaning frequencies and projected membrane life.

A reverse osmosis pilot study will accurately identify the process and cost considerations to determine on a small scale what the necessary design and operating requirements are for a full size production system. The results of the pilot study allow us to design a production system that will operate at the highest possible efficiency with the lowest possible operational and maintenance cost.

310 CENTER COURT♦ VENICE, FLORIDA 34285 ♦ (941-488-9671) ♦ FAX (941-488-9400)
E-MAIL: mainoffice@harnrosystems.com

Typical Harn R/O Systems Pilot Unit





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E-MAIL: mainoffice@harnrosystems.com

Harn R/O Systems proposes using a combination of 3 and 4 element vessels staged in a 2:2:1:1 array to accomplish the required two-staged unit. The reason we recommend this layout is to reduce the footprint of the pilot unit and to make delivery, storage, and handling much simpler.

Each R/O pilot system we build has integral to its frame the following components:

1. Well Boost Pump
2. Feed Pump
3. Interstage Boost Pump
4. Pressure Vessels
5. Pre-filters (Cartridge Filter Housing)
6. Chemical Delivery Systems (Sodium Bisulfate, Scale Inhibitor and Sulfuric Acid)
7. Instrumentation
8. Control Systems with DataLogging and remote access capability.

Detailed pilot unit description of the capabilities and equipment Harn R/O Systems are as follows:

Hydraulic Design

Nominal Production Rate:25,000 gallons per day (15-18 gpm)
Feed Flow Rate: 16 to 30 gpm
Concentrate Flow Rate: 2 to 30 gpm
Recovery Rates: Up to 85% without concentrate recycle

Dimensions 5' deep x 15' wide x 5' high

Piping Connections
Feed – 2" FNPT
Flush – 2" FNPT
Permeate – 1 ½" FNPT (increase size as required)
Concentrate – 1" FNPT (increase size as required)

Power Requirements
480 volt, 3 phase, 60 hertz (min. 60 amp service)
supply power is connected to the main disconnect within the motor control panel

Booster Pump Sta-Rite model PLF (1.5 hp, 480 v, 3 ph, 60 hz, 3 FLA)

Prefiltration 10" Shelco model 7FOS1, (6) 5 micron elements

Pretreatment
Acid pump – LMI model A971-352SI (.42 gph)
Acid dosage is manually set
Bisulfate pump – LMI model A971-352SI (.42 gph)
Bisulfate dosage is manually set
Scale inhibitor – LMI mode P131-392SI (.42 gph)
Scale inhibitor dosage is manually set
30 gallon Scale Inhibitor tank with low level switch

Feed Pump Grundfos model CRN10-16 (15 hp, 480 v, 3 ph, 60 hz, 21 FLA)
VFD controlled

Interstage Boost Pump	Grundfos model CRN3-11 (2 hp, 480 v, 3 ph, 60 hz, 3.4 FLA) VFD controlled
Array	Two stage array, 2:2:1:1, 4", three 3-element and three 4-element vessels to simulate full scale 6 or 7-element vessels.
Pressure Vessels	Pentair/Codeline, 4", 300 psi three 4-element vessels and three 3-element vessels
Membrane Elements	Membrane selection is site specific based on feed water analysis, treated water quality and computer generated design projections
Sample Valves	Raw feed, treated feed, permeate from each vessel, total permeate, blended product, interstage and concentrate three way valves for flow testing permeate from each vessel
Instrumentation	
Flow:	Signet model 3-8550-1P, with paddle wheel sensors (1st stage permeate, total permeate, and concentrate) rotameters for blend and recycle
Feed pH/ORP & Temp:	Rosemount model 1056, sensor model 399VP-14
Conductivity:	Rosemount model 1056, sensor model 400VP-12,13 (feed, permeate)
Pressure Gauges:	Prefilter inlet/outlet, feed pump, membrane feed, 1st interstage, 2nd interstage, permeate and concentrate
Pressure Transmitters:	Wika model ECO-1 (feed, interstage, permeate and concentrate)
Pressure Switches:	Ashcroft model B424B (feed pump high and low)
Power Usage:	Shark Model 100-60-10-V3-D2-X Power and Energy Meter (For monitoring line voltage, KWH consumed, etc.)
Control System	Main control panel with computer touch screen interface, PLC, modem, data logging capabilities, door mounted instrumentation and motor hour meters
Customer Start/Stop Input	An external dry contact from a well pump or flow switch is required (closed = run, open = stop)
Shutdown Alarms	Feed pump low suction pressure, feed pump high discharge pressure, high feed pH, low feed pH, scale inhibitor low tank level/no flow, VFD fault and high permeate conductivity
Special features	Epoxy coated steel frame with heavy-duty rollers Electropolished 316 SS high-pressure piping
Special Requirements	The unit should be housed in a building, trailer or temporary Structure for protection from the environment

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E-MAIL: mainoffice@harnrosystems.com

Pilot Unit Description

The pilot study reverse osmosis system consists of pretreatment acid and scale inhibitor chemical injection, cartridge filtration, well boost pump, high pressure feed pump, pressure vessels, R/O membrane elements, instrumentation, controls, interstage booster pump and as an option, complete post-treatment system. The design utilizes pressure vessels that contain the equivalent of six or seven membrane elements per pressure vessel staged in a 2-1, two-stage array in order to obtain 75% to 85% recovery without using concentrate recycle to increase the recovery. This design replicates the design of a full size production system, using the same number of membrane elements per vessel and the same permeate flux rate per stage. In order to reduce the overall length of the pilot system for shipping purposes and building size limitations, a combination of three-membrane element and four-membrane element pressure vessels are arranged in a 2-2-1-1 array. If required, a booster pump can be used to boost the raw water pressure to provide adequate pressure for flow through the pretreatment cartridge filters, as well as adequate suction pressure at the high-pressure R/O feed pump. The high pressure R/O feed pump used to pressurize the R/O membrane elements is a Grundfos, 316 stainless steel, multi-staged vertical centrifugal pump controlled by a variable frequency drive (VFD) for first stage permeate flux balancing. The R/O system can utilize, if desired, a Grundfos, 316 stainless steel, multi-staged vertical centrifugal interstage boost pump controlled by a variable frequency (VFD) drive for second stage permeate flux balancing. The use of VFD's allows the pump speeds to be manually adjusted in order to achieve both first and second stage permeate flux design rates. The pilot system also has the capability to be set up with PID control loops to automatically control the speed of the R/O feed pump based on total permeate flow and the speed of the interstage boost pump based on second stage permeate flow.

The pilot study R/O system is designed to produce approximately 16,000 gallons per day of permeate water at 75% to 85% recovery. The system includes comprehensive instrumentation necessary for the collection and automatic data logging of data that will be used to evaluate system efficiency/performance and establish accurate O&M costs. The pilot unit is an actual production R/O system with all of the associated equipment necessary for the production of potable water. The pilot unit requires an area of approximately twelve (12) feet long, five (5) feet wide and six (6) feet high. Also needed is an additional five (5) feet on each end of the skid for loading and unloading membrane elements. The system weighs approximately 3000/lbs and requires an enclosed heated environment for protection, security and freeze prevention.

The pilot unit requires a raw feed water supply of between twenty (20) gallons per minute and twenty-five (25) gallons per minute at approximately forty (40) psi. The concentrate flow is approximately 5 GPM. It is preferable that the well water be available 24 hours a day in order to keep the R/O system operating continuously, generating data. However, if the well must be cycled on and off the pilot unit can be set up to cycle with the well.

The pilot unit requires a 3-phase electrical service, 60-amp service at 460 volt. The electrical control system is self-contained on the R/O unit, and requires only power from the house service to the R/O system electrical panel. The raw water feed and well flush connections are 2" FNPT, permeate and concentrate connections are 1". The concentrate water and well flush water can be disposed of in a sanitary sewer. Finished water is post treated and stored for distribution if applicable.

Harn R/O Systems, Inc. typically provides a technician to assist the leasor in the installation of the R/O unit and trains the operator in the operation of the system and data collection. It is the leasor's responsibility to provide a suitable enclosure for the equipment, a qualified operator, power and treatment chemicals.

Typical Pilot Study Protocol

A pilot protocol should be developed in consideration of the water type (surface, well or other) and quality to be treated. Through the development and execution of a proper protocol, the pilot study results will facilitate the design of a production system that will operate at the highest possible efficiency with the lowest possible operational and maintenance cost.

The information listed below is a brief summary of the data that will need to be collected during the pilot study by the Owners operators. Typically this data is collected once daily (although some parameters may be collected less frequently such as SDI, which is often collected once weekly once a baseline value is established) and is recorded on a Monthly data sheet that is provided by Harn R/O Systems. This monthly data sheet must be adjusted depending on the configuration of the pilot system (i.e. 2-stage vs 3-stage, interstage boost vs 1st stage permeate backpressure, etc.). The following monitoring summary and the attached example "Monthly Data Sheet" are typical of a 2-stage pilot using an interstage boost pump for flux balancing.

DAILY MONITORING:

The following parameters can be read from on-skid process instrumentation or are obtained by reading grab samples with a handheld analyzer. The values read should be recorded in the "Monthly Data Sheet".

Typical Parameters

- **pH/ORP**
  - **Feed pH**
  - **Feed ORP (Optional; used when a pretreatment process requires an oxidant that is quenched upstream of the RO pilot)**
  - **Finished Water pH (Optional: typically used when a post-treatment process or feed water blend stream is utilized)**
- **Conductivity/Temperature**
  - **Feed Conductivity**
  - **Interstage Conductivity**
  - **Concentrate Conductivity**
  - **1st Stage Permeate Conductivity**
  - **2nd Stage Permeate Conductivity**
  - **Total Permeate Conductivity**
  - **Finished Water Conductivity (Optional; typically used when a feed water blend stream is utilized)**
  - **Feed Temperature**
- **Pressure**
  - **1st Stage Feed Pressure (Feed Pressure)**
  - **1st Stage concentrate pressure**
  - **2nd Stage Feed Pressure**
  - **2nd Stage Concentrate Pressure (Concentrate Pressure)**

- **Flows**
  - **Total Permeate Flow**
  - **2nd Stage Permeate Flow**
  - **Concentrate Flow**
  - **Blend Flow (When a feed water blend stream is utilized)**
- **Wells utilized**
  - **Note the wells running during the daily readings**
- **Chemicals and Cartridge Filters**
  - **Note Scale Inhibitor Day tank level**
  - **Cartridge Filter Inlet Pressure**
  - **Cartridge Filter Outlet Pressure**

Note: Monitor the condition of the cartridge filters daily, change the filters when the differential pressure is over 10 psi. Monitor the scale inhibitor day tank level and mix more solution as needed.

WEEKLY MONITORING:

- Silt Density Index (SDI), per the following procedure:
  - Monitor SDI of the raw water being fed to the pilot plant using the "Treated Feed" sample valve. Hook the SDI test unit, to the "Treated Feed" sample valve.
  - Load one 0.45 *u*m filter in the SDI test unit.
  - Begin filtering water into a 500 mL graduated cylinder. Measure and record the time it takes to filter 500 mL of water initially, t_i.
  - Continue filtering water through the SDI Test Unit for 15 minutes.
  - After 15 minutes, measure the time it takes to filter 500 mL of water and record, t_f.
  - SDI is calculated as follows:

$$SDI = \left(1 - \frac{t_f}{t_i}\right)\frac{100}{15}$$

Note: Harn R/O Systems will provide the SDI testing equipment with the pilot unit

WATER QUALITY SAMPLES:

To be collected and analyzed per the Engineer's direction. A complete feed water analysis should precede any pilot testing and support a RO element projection utilizing membrane vendor software. Subsequent water sampling and analysis should conform to the variability of the feed water and any significant alterations in the pilot operation, such as; blending ratios of permeate and well water bypass, utilizing the RO in parallel with another treatment process as compared to operating the RO in series (and following) another treatment process, before and after a clean-in-place (CIP) event, or before and after any significant change in pilot operation respective to flux and/or recovery parameters. Typically the constituents that are evaluated as part of a laboratory sampling protocol are tracked less frequently than the operational parameters (flows, pressures, conductivities, etc.) and are recorded on a separate data sheet.

PILOT OPERATION AND DURATION:

The RO element projection (noted above) will determine the type of elements to be utilized during the pilot test, and will establish the recommended flux rates and system recovery to be conducted during the study. The projection will also determine whether an interstage boost pump (between the first and second stages) offers any system and cost advantage versus utilizing a valve on the first stage permeate pipe to control back pressure. A pilot study is to be operated for no less than 90 days at the optimum operating parameters (established by the RO element projection) to determine that the system performance has reached a steady state. Additional pilot operating time may be set aside for alternate methods of system operation, such as; interstage boost or permeate backpressure, and in order to establish that one method is preferred versus the other.

CLEAN-IN-PLACE (CIP) CONSIDERATIONS:

The frequency of membrane cleanings during a pilot study can vary from study to study, and depending on; the water quality to be addressed, the tendency of the water quality to foul and/or scale RO elements, the type of pretreatment technology (if needed) that is utilized prior to the RO system and the effectiveness of the selected scale inhibitor. A conservative process design typically mitigates the need for any CIP events over the course of a 90 day pilot study. However, the pilot study may provide an indication of what reasons the full-scale system would ultimately require a CIP event. The design team may wish to implement during the pilot study, a single CIP event for the purposes of evaluating the cleaning effectiveness that may be expected for any full-scale system. According to the fouling/scaling potential determined during the pilot study, the RO pilot elements may be purposely allowed to scale or foul toward the end of the pilot study. A CIP event can then be conducted to determine the effectiveness of cleaning. This approach is not commonly utilized, but may be considered depending on the treatment application.

Following a completed pilot study, it is often useful to remove a tail end element from the 2nd stage (if element scaling is suspected) or a lead end element from the 1st stage (if element fouling is suspected) and send the element to a qualified company for membrane autopsy and examination. The companies specializing in this type of work have tools that they can use to analyze the membrane surface and characterize the scalant or foulant that may be reducing normalized permeate flow. Some of these companies can also perform cleaning studies on the membrane to find an effective cleaning chemical. This can lead to a better, custom tailored cleaning protocol for the full-scale system.

Rochelle Williams

From: Kelley Brown
Sent: Thursday, July 09, 2015 1:37 PM
To: Rochelle Williams
Subject: FW: Bravo - 28E Annual Contribution
Attachments: Invoice - FY15 Grimes.pdf

Please and thank you!

From: Dave Stone [mailto:dave@bravogreaterdesmoines.org]
Sent: Thursday, July 09, 2015 1:30 PM
To: Kelley Brown
Subject: Bravo - 28E Annual Contribution

Dear Kelley,

Attached please find an invoice for the annual 28E contribution to Bravo for the City of Grimes.

For your records, the FY15 28E contribution to Bravo:
City of Grimes – $2,500.00

Continued support of Bravo from Grimes allows arts, culture and heritage organizations to provide dynamic and engaging performances, exhibitions and education programs to the residents of Central Iowa. These organizations are collectively responsible for bringing nearly 756,000 visitors to our region on an annual basis, spurring economic development, increasing sales and hotel – motel tax revenues.

Bravo values our partnership with Grimes, and we look forward to continuing to work together to make Central Iowa the premier region to work, live and play.

Thank you,

~Dave

Dave Stone, MPA
Associate Director
Bravo Greater Des Moines
2600 Grand Ave., Suite 120 | Des Moines, Iowa 50312
515.243.0388 office
515.707.8530 cell
dave@bravogreaterdesmoines.org
www.bravogreaterdesmoines.org

28E Annual Contribution

Bravo Greater Des Moines
2600 Grand Ave., Suite 120
Des Moines, IA 50312
www.bravogreaterdesmoines.org
515.243.0388

JULY 9, 2015

TO: City of Grimes
Attn: Kelley Brown, City Administrator
101 NE Harvey St.
Grimes, Iowa 50111

DESCRIPTION	LINE TOTAL
28E Agreement Annual Contribution to Bravo Greater Des Moines FY15: July 1, 2014 – June 30, 2015	$2,500.00
SUBTOTAL	$2,500.00
SALES TAX	none
TOTAL	$2,500.00

Make checks payable to Bravo Greater Des Moines

THANK YOU FOR YOUR SUPPORT!

State of Iowa
ALCOHOLIC
BEVERAGES DIVISION

Home
About
Alcohol
Tobacco
Links
Contact

Help | License Search | License List | On-Demand Reporting | Keg Registration Search | User Profile | Logoff

- Privilege Carryout Native Wine
- Applicant Signature
- Local Endorse

Carryout Native Wine Privilege BC0015041, Casey's General Store #2520, Grimes

After completion click on the NEXT link to continue to the next screen, or the BACK link to return to the previous screen.
The navigation links on the top may also be used to move around the application.

A class B native wine permit allows commercial establishments to sell native wine at retail in original unopened containers for consumption off the premises. This application is to be used only if adding carryout native wine privilege after the license has been issued. If carryout native wine privilege is requested at license renewal, mark the appropriate box under "privileges".

Effective Date: 07/28/2015 MM/DD/YYYY

Prev Next

Follow us with RSS, Facebook or Twitter

Contact Us

Iowa Alcoholic Beverages Division
1918 SE Hulsizer Road, Ankeny, IA 50021
Toll Free 866.IowaABD (866.469.2223)
Local 515.281.7400

Terms and Conditions
Privacy Policy

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RECEIVED JUL 9

CASEY'S GENERAL STORES, INC.

P.O. Box 3001 • One Convenience Blvd., Ankeny, Iowa 50021-8045 • 515-965-6100

July 7, 2015

CITY OF GRIMES
ATTN: ROCHELLE WILLIAMS
101 NE HARVEY ST
GRIMES, IA 50111

DEAR ROCHELLE,

I have completed our application with ABD for our BC0015041 license privilege for Native Wine at our store #22520. We would like this to go to the council meeting on July 27th, 2015. Enclosed please find the Notary Form.

Please forward any future paperwork directly to me at:

Casey's Marketing Company
Attn: Michelle Rogness
PO Box 3001
Ankeny, IA 50021

If there are questions regarding this application please contact me at (515) 446-6728 or e-mail michelle.rogness@caseys.com.

Sincerely,

Michelle Rogness

Michelle Rogness
Store Operations
Casey's Marketing Company
Phone: 515-446-6728
Fax: 515-965-6205

APPLICANT

I hereby declare that all information contained in the E-license Application is true and correct. I understand that misrepresentation of material fact in the Application is a serious misdemeanor crime and grounds for denial of the license or permit under Iowa law. Please submit this form to your local authority.

FOR CASEY'S MARKETING COMPANY

Applicant's Signature — Date: 7-7-15

BY MICHAEL R. RICHARDSON, PRESIDENT

NOTARY

State of IOWA

County of POLK

Signed and sworn to before me on 7-7-15
Date

By FOR CASEY'S MARKETING COMPANY
BY MICHAEL R. RICHARDSON, PRESIDENT
Print Name of Applicant

CHRIS MCCREADY
Commission Number 156693
MY COMM. EXP. 11-29-17

Signature of Notary — Date: 7-7-15

CC App 7-14-15

ZIEGLER CAT
Power Systems

901 West 94th Street
Minneapolis MN 55420-4236

MINNESOTA	952-445-4292	888-320-4292
IOWA	515-957-3800	800-342-7002
MISSOURI	515-957-3800	800-342-7002
WISCONSIN	515-957-3800	800-342-7002

RECEIVED JUL 9 –

Sold To: CITY OF GRIMES
101 N HARVEY ST
GRIMES IA 50111-2051

Invoice Number: E8761803
Date: 7/07/15
Account No.: 3381900

Ship To:

Agreement: E87618 P/O Number: Store: 57
Ship Date: 7/02/15 Ship Via: Salesman: 072-6

Quantity	Description	Total
	CONTRACT NUMBER 1357E02124 CUSTOMER ID 95369 CUSTOMER EQUIPMENT NUMBER COMMUNITY	
	ANNUAL INVOICE FOR CONTRACT ON GENSET OLYMPIAN CD125 2020814 9300	
	FOR PERIOD FROM: 07/01/2015 THROUGH 06/30/2016 DATE RANGE FROM: 07/01/2015 THROUGH 06/30/2016	3739.56
	TOTAL BEFORE TAX	3739.56
	TOTAL AFTER TAX	3739.56
	DUE BY 10TH OF THE NEXT MONTH	

DUE BY 10TH OF THE NEXT MONTH
A service charge of 1 1/2 % per month will be assessed on all past due accounts.

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.

CITY OF GRIMES
101 N HARVEY ST
GRIMES IA 50111-2051

Account Number: 3381900
Invoice Number: E8761803
Invoice Date: 7/07/15

Please remit to:
ZIEGLER INC.
SDS 12-0436
PO BOX 86
MINNEAPOLIS,MN 55486-0436

Amount Due: $3,739.56

Amount Enclosed:

ZIEGLER CAT
Power Systems

901 West 94th Street
Minneapolis MN 55420-4236

RECEIVED JUL 9

MINNESOTA	952-445-4292	888-320-4292
IOWA	515-957-3800	800-342-7002
MISSOURI	515-957-3800	800-342-7002
WISCONSIN	515-957-3800	800-342-7002

Invoice Number: E876803 **Date:** 7/07/15 **Account No.:** 338190.0

Quantity	Description	Total

INVOICE TOTAL 3,739.56

P.O. No. _____

15927

CITY OF GRIMES

101 N. Harvey, Grimes, IA 50111 phone: 515-986-3036 fax: 515-986-3846

PURCHASE REQUEST/PURCHASE ORDER

Source/Supplier Ziegler SDS 12-0436
Name

PO Box 86 Minneapolis MN 55486
Address

Phone Number/Fax Number

ITEMS	QTY	UNIT PRICE	TOTAL
Annual Contract			$3739.56

PURCHASE JUSTIFICATION: Generator maintenance Contract for the Community center

DEPARTMENT: _____

LINE ITEM: _____

BEGINNING BUDGET BALANCE: _____

ENDING BUDGET BALANCE: _____

PURCHASE REQUESTED BY: David Sigler DATE: 7-10-15

PURCHASE ORDER APPROVAL AND ASSIGNMENT

Kelley Brown 7-10-15

Kelley L. Brown City Administrator/Clerk KB Date

CC App 7-14-15

Council Approval date: (if over $2500)

☐ Purchaser's Copy ☐ Vendor's Copy ☐ File Copy

T. Heritage

No Materials

RECEIVED JUL 2

INVOICE

ALLENDER BUTZKE ENGINEERS INC.

Geotechnical | Environmental | Construction Materials Testing | IBC Special Inspections

TO: City of Grimes
101 NE Harvey Street
Grimes, Iowa 50111

Attn: Kelley Brown

INVOICE INFORMATION:

Project No.:	151248
Invoice No.:	151248A
Invoice Date:	6/25/2015

RE: Grimes Water Treatment Plant Improvements
NW 18th Street and N James Street
Grimes, Iowa

Description of Services	Total
Geotechnical Exploration - Includes mobilization with truck mounted drilling equipment, boring locations, utility locations (Iowa One Call), drill and sample 6 borings 23 to 33 feet deep, laboratory testing, engineering analysis and written report.	**$5,950.00**
All-Terrain Drill Rig (used to access 5 boring locations)	**$400.00**
TOTAL	**$6,350.00**

REMIT TO:
ALLENDER BUTZKE ENGINEERS INC.
3660 109th Street
Urbandale, Iowa 50322
Phone No. 515-252-1885

Total invoice amount due upon receipt of invoice. Accounts not paid within 30 days after invoice date are subject to 1 1/2 percent per month late charge.

PLEASE INCLUDE INVOICE NUMBER ON REMITTANCE ADVICE

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction. When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment, and you will not receive the check back from your financial institution.

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

Contractor's Application for Payment No. 10

To (Owner): City of Grimes	Application Period: 5/27/15-6/16/15	Application Date: 6/26/2015
	From (Contractor): C.L. Carroll Co, Inc.	Via (Engineer): Fox Engineering, Inc.
Project: ASR Well #1 Well Pump & Control Building Imp. Grimes, IA	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 3364-13A

Application For Payment

Change Order Summary

Approved Change Orders

Number	Additions	Deductions
1		-$7,825.83
2	$11,890.76	
3	$38,648.00	
4	$4,867.58	
5	$9,486.85	
6	$5,525.00	
7	$18,724.61	
8	$4,205.75	
9	$6,491.60	
TOTALS	$99,840.15	-$7,825.83
NET CHANGE BY CHANGE ORDERS	$92,014.32	

1. ORIGINAL CONTRACT PRICE		$1,586,000.00
2. Net change by Change Orders		$92,014.32
3. Current Contract Price (Line 1 ± 2)		$1,678,014.32
4. TOTAL COMPLETED AND STORED TO DATE (Column F total on Progress Estimates)		$1,655,776.79
5. RETAINAGE:		
a. 5% X $1,655,776.79 Work Completed		$82,788.84
b. 5% X $0.00 Stored Material		$0.00
c. Total Retainage (Line 5.a + Line 5.b)		$82,788.84
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5.c)		$1,572,987.95
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)		$1,507,307.70
8. AMOUNT DUE THIS APPLICATION		$65,680.25
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G total on Progress Estimates + Line 5.c above)		$105,026.37

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: [signature] Date: 6/25/15

Payment of: $ 65,680.25
(Line 8 or other - attach explanation of the other amount)

is recommended by: [signature] (Engineer) 7-6-15 (Date)

Payment of: $ _____
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ Funding or Financing Entity (if applicable) _____ (Date)

EJCDC® C-620 Contractor's Application for Payment
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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract): 0	Application Number: 10
Application Period: 5/27/15-6/26/15	Application Date: 06/26/15

A		B	C	D	E	F		G
Specification Section No.	Description	Scheduled Value ($)	Work Completed: From Previous Application (C+D)	Work Completed: This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
C-700	Move In	$16,000.00	$16,000.00	$0.00		$16,000.00	100.0%	$0.00
2220	Demo	$82,500.00	$82,500.00	$0.00		$82,500.00	100.0%	$0.00
15100/15200	Int Pipe	$47,500.00	$47,500.00	$0.00	$0.00	$47,500.00	100.0%	$0.00
Div 4	Masonry	$45,000.00	$45,000.00	$0.00		$45,000.00	100.0%	$0.00
Div 9	Paint	$42,000.00	$21,500.00	$20,500.00		$42,000.00	100.0%	$0.00
Div 6	Carpentry	$30,500.00	$30,500.00	$0.00		$30,500.00	100.0%	$0.00
7531	Roof	$17,000.00	$17,000.00	$0.00		$17,000.00	100.0%	$0.00
Div 8	Doors	$25,000.00	$22,000.00	$3,000.00		$25,000.00	100.0%	$0.00
3300/Div 5	Misc. Conc/Int Work	$45,000.00	$41,300.00	$3,700.00	$0.00	$45,000.00	100.0%	$0.00
11760	Chemical	$98,000.00	$94,000.00	$2,000.00	$0.00	$96,000.00	98.0%	$2,000.00
11155/16425	Well/GE	$530,000.00	$520,000.00	$0.00	$0.00	$520,000.00	98.1%	$10,000.00
Div 15	Plumb/HVAC	$170,000.00	$164,191.00	$5,809.00	$0.00	$170,000.00	100.0%	$0.00
Div 16	Elect/Cont/Gen	$430,000.00	$410,000.00	$18,000.00	$0.00	$428,000.00	99.5%	$2,000.00
Div 2	Sitework	$7,500.00		$5,500.00		$5,500.00	73.3%	$2,000.00
Div 16	CPR 01/Door & Valve Additional Electric Work (CO1)	$754.69		$754.69		$754.69	100.0%	$0.00
15100/15200	CPR 02/Air Valve size change (CO1)	$486.48	$486.48	$0.00		$486.48	100.0%	$0.00
11155/16425	Remove duplicate pump cable/Junction Box (CO1)	($9,067.00)	($9,067.00)	$0.00		($9,067.00)	100.0%	$0.00
Div 16	CPR 04 Fire Alarm/Detection System Changes (CO2)	$66.41	$66.41	$0.00		$66.41	100.0%	$0.00
Div 16	CPR 05 Omit Transformer heater wiring (CO2)	($665.00)	($665.00)	$0.00		($665.00)	100.0%	$0.00
Div 16	Eliminate Space Heaters from GE Scope (CO2)	($1,000.00)	($1,000.00)	$0.00		($1,000.00)	100.0%	$0.00
Div 9	CPR 06 Paint building exterior (CO2)	$13,489.35	$10,000.00	$3,489.35		$13,489.35	100.0%	$0.00
11155/16425	Acidize Well (CO1)	$33,075.00	$33,075.00	$0.00		$33,075.00	100.0%	$0.00
Div15	CPR 07 Sprinkler System Changes (CO3)	$5,573.00	$5,573.00	$0.00		$5,573.00	100.0%	$0.00
Div 16	Additional temperature transmitter (CO 4)	$147.00	$147.00	$0.00		$147.00	100.0%	$0.00
3300	Repair Ext Floor Slab (CO 4)	$2,906.00	$2,906.00	$0.00		$2,906.00	100.0%	$0.00
Div 16	Repair Ext Electric To allow test pumping (CO4)	$799.58	$799.58	$0.00		$799.58	100.0%	$0.00
Div 16	Add GE Junction Box (CO4)	$1,015.00	$1,015.00	$0.00		$1,015.00	100.0%	$0.00
Div 16	Replace Electric Panel L1 (CO5)	$1,473.15	$1,473.15	$0.00		$1,473.15	100.0%	$0.00
Div 9	Paint Floor (CO5)	$6,130.00		$6,130.00		$6,130.00	100.0%	$0.00
Div 16	Extra Primary Conduit Work (CO5)	$1,883.70	$1,883.70	$0.00		$1,883.70	100.0%	$0.00
15100/15200	Pipe Loop/Chem Inj/Disconnects (CO6)	$5,525.00	$5,525.00	$0.00		$5,525.00	100.0%	$0.00
Div 3	Floor Inv./Injection/Emergency Lighting (CO7)	$18,724.61	$18,724.61	$0.00		$18,724.61	100.0%	$0.00
Div 5	Replace Grating	$378.25	$378.25	$0.00		$378.25	100.0%	$0.00
Div 7	Roofing Changes	$3,827.50	$3,827.50	$0.00		$3,827.50	100.0%	$0.00
Div 10 16 17	CO 9	$6,491.60		$254.07		$254.07	3.9%	$6,237.53
	Totals	$1,678,014.32	$1,586,639.68	$69,137.11	$0.00	$1,655,776.79		$22,237.53

EJCDC® C-620 Contractor's Application for Payment
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Stored Material Summary

Contractor's Application

For (Contract):	0	Application Number:	10
Application Period:	5/27/15-6/26/15	Application Date:	06/26/15

A		B		C	D		E		F		G
					Stored Previously				Incorporated in Work		
Bid Item No.	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Storage Location	Description of Materials or Equipment Stored	Date Placed into Storage (Month/Year)	Amount ($)	Amount Stored this Month ($)	Subtotal Amount Completed and Stored to Date (D + E)	Date (Month/ Year)	Amount ($)	Materials Remaining in Storage ($) (D + E - F)
11	1	11155-1-0	Offsite	GE supplied equipment	10/2014	$205,757.00	$0.00	$205,757.00	11/2014	$205,757.00	$0.00
13	1	16000	Offsite	Kline Elect. Trans/Breakers/Disconnects/Distr Boards	10/2014	$7,900.00	$0.00	$7,900.00	4/2015	$7,900.00	$0.00
13	2	16000	Offsite	Kline Elect. Enclosed Motor Controllers	11/2014	$20,000.00	$0.00	$20,000.00	4/2015	$20,000.00	$0.00
3	1	15100/15200	Onsite	Valves/Piping	11/2014	$27,198.00	$0.00	$27,198.00	12/2014	$27,198.00	$0.00
9	J63694	3300	Onsite	Reinforcing Steel	11/2014	$3,468.00	$0.00	$3,468.00	12/2014	$3,468.00	$0.00
9	20856/20857	Div 5	Onsite	Misc Metals	11/2014	$4,393.86	$0.00	$4,393.86	4/2015	$4,393.86	$0.00
11	2	11155-1-0	Onsite	GE supplied equipment	12/2014	$205,757.00	$0.00	$205,757.00	4/2015	$205,757.00	$0.00
12	1	Div 15	Offsite	HVAC Equipment	12/2014	$10,161.00	$0.00	$10,161.00	4/2015	$10,161.00	$0.00
12	212351	Div 15	Offsite	HVAC Equipment	1/2015	$9,559.00	$0.00	$9,559.00	4/2015	$9,559.00	$0.00
12	c1384	Div 15	Offsite	HVAC Equipment	1/2015	$7,971.00	$0.00	$7,971.00	4/2015	$7,971.00	$0.00
10	62756	Div 11	Onsite	Chemical Equipment	3/2015	$61,728.00	$0.00	$61,728.00	4/2015	$61,728.00	$0.00
								$0.00			$0.00
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								$0.00			$0.00
								$0.00			$0.00
								$0.00			$0.00
				Totals		$563,892.86	$0.00	$563,892.86		$563,892.86	$0.00

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Unit Price Contract

Contractor's Application for Payment No. 17

Project:	SE 19th Street Improvements	From (Contractor):	Concrete Technologies	Application Date:	6/30/2015
To (Owner):	City of Grimes	Owner's Project No.:	STP-U-3125(611)--70-77	Period From:	6/5/2015
Via (Engineer):	FOX Engineering	Engineer's Proj. No.:	1005-13A	Period To:	6/30/2015

Approved Change Order Summary:

No.	Date Approved	Additions	Deductions
1	10/14/2014	$9,570.00	-$18,816.00
2	10/14/2014	$109,903.50	
3	10/28/2014	$9,900.00	-$9,335.00
4	10/28/2014	$10,505.00	-$10,450.00
5	1/14/2015	$13,452.50	-$13,869.84
6	5/26/2015	$47,998.92	
7	7/14/2015	$5,331.50	
	TOTALS	$206,661.42	-$52,470.84
	NET CHANGE BY CHANGE ORDERS		$154,190.58

1.	**ORIGINAL CONTRACT PRICE**	$	**2,037,877.63**
2.	**Net change by Change Orders**	$	**154,190.58**
3.	**Current Contract Price (Line 1 + 2)**	$	**2,192,068.21**
4.	**TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)**	$	**2,119,618.01**
5.	**RETAINAGE:**		
	a. 3% X $2,119,618.01 **Work Completed**	$	**63,588.54**
	b. 3% X _____ **Stored Material**	$	
	c. **Less Total Retainage Released Early**	$	**31,512.23**
	d. **Total Retainage (Line 5a + Line 5b - Line 5c)**	$	**32,076.31**
6.	**AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)**	$	**2,087,541.69**
7.	**LESS PREVIOUS PAYMENTS (Line 6 from prior Application)**	$	**2,020,407.61**
8.	**AMOUNT DUE THIS APPLICATION**	$	**67,134.08**
9.	**BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above)**	$	**104,526.51**

Contractor's Certification

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:	Date:

Payment o $ 67,134.08
(Line 8 or other - attach explanation of the other amount)

is recommended by: _____ _____
(Engineer) (Date)

Payment o $ 67,134.08
(Line 8 or other - attach explanation of the other amount)

is approved by: _____ _____
(Owner) (Date)

Endorsed by the Construction Specifications Institute.

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Progress Estimate — Contractor's Application

For (contract): SE 19th Street Improvements | Owner's Proj. No.: STP-U-3125(611)--70-77 | Application Number: 17
Contractor: Concrete Technologies | Engineer's Proj. No.: 1005-13A | Application Date: 06/30/2015

A		B			C	D	E	F		G
Item					Estimated		Materials	Total Completed		
Bid Item No.	Description	Bid Quantity	Unit Price	Bid Value	Quantity Installed	Value	Presently Stored (not in C)	and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
1	CLEAR+GRUBB	12	$ 425.00	$ 5,100.00	12.00	$ 5,100.00		$ 5,100.00	####	$ -
2	SPECIAL BACKFILL	1621.36	$ 24.75	$ 40,128.66	1621.36	$ 40,128.66		$ 40,128.66	####	$ -
3	EXCAVATION, CL 10, RDWY+BORROW	13168	$ 2.55	$ 33,578.40	13168.00	$ 33,578.40		$ 33,578.40	####	$ -
4	EXCAVATION, CL 12, BOULDER/ROCK FRAGMENT	50	$ 10.20	$ 510.00	50.00	$ 510.00		$ 510.00	####	$ -
5	TOPSOIL, STRIP, SALVAGE+SPREAD	3250	$ 4.10	$ 13,325.00	3250.00	$ 13,325.00		$ 13,325.00	####	$ -
6	TOPSOIL, STRIP+STKP	2500	$ 2.05	$ 5,125.00	2500.00	$ 5,125.00		$ 5,125.00	####	$ -
7	SPECIAL COMPACTION OF SUBGRADE	52	$ 714.00	$ 37,128.00	52.00	$ 37,128.00		$ 37,128.00	####	$ -
8	MODIFIED SUBBASE	3830	$ 37.75	$ 144,582.50	3830.00	$ 144,582.50		$ 144,582.50	####	$ -
9	SHOULDER FINISHING, EARTH	103	$ 153.00	$ 15,759.00	103.00	$ 15,759.00		$ 15,759.00	####	$ -
10	STD/S-F PCC PAV'T, CL C CL 3, 9"	19476.3	$ 49.00	$ 954,338.70	19476.3	$ 954,338.70		$ 954,338.70	####	$ -
11	MEDIAN, DOWELLED PCC, 6"	30	$ 95.50	$ 2,865.00		$ -		$ -		$ 2,865.00
12	MEDIAN, PCC, 6"	37	$ 66.25	$ 2,451.25	37.00	$ 2,451.25		$ 2,451.25	####	$ -
13	PCC PAV'T SAMPLE	1	$ 2,100.00	$ 2,100.00	1.00	$ 2,100.00		$ 2,100.00	####	$ -
14	SURF, DRIVEWAY, CL A CR STONE	300	$ 22.50	$ 6,750.00	300.00	$ 6,750.00		$ 6,750.00	####	$ -
15	REMOVAL OF SIGN	7	$ 61.20	$ 428.40	54.00	$ 3,304.80		$ 3,304.80	####	$ (2,876.40)
16	APRON, CONC, 30"	1	$ 2,755.00	$ 2,755.00	1.00	$ 2,755.00		$ 2,755.00	####	$ -
17	APRON, CONC, 54"		$ 4,385.00	$ -		$ -		$ -		$ -
18	RMV+REINSTALL CONC PIPE APRON LE 36"	2	$ 255.00	$ 510.00	2.00	$ 510.00		$ 510.00	####	$ -
19	MANHOLE, STORM SWR, SW-401, 48"	3	$ 2,755.00	$ 8,265.00	3.00	$ 8,265.00		$ 8,265.00	####	$ -
20	INTAKE, TYPE SW-501	10	$ 2,450.00	$ 24,500.00	10.00	$ 24,500.00		$ 24,500.00	####	$ -
21	INTAKE, TYPE SW-503	8	$ 3,415.00	$ 27,320.00	8.00	$ 27,320.00		$ 27,320.00	####	$ -
22	INTAKE, TYPE SW-505	1	$ 2,960.00	$ 2,960.00	1.00	$ 2,960.00		$ 2,960.00	####	$ -
23	INTAKE, TYPE SW-506	1	$ 5,710.00	$ 5,710.00	1.00	$ 5,710.00		$ 5,710.00	####	$ -
24	MANHOLE ADJUSTMENT, MINOR	2	$ 460.00	$ 920.00	2.00	$ 920.00		$ 920.00	####	$ -
25	MANHOLE ADJUSTMENT, MAJOR	10	$ 1,885.00	$ 18,850.00	11.00	$ 20,735.00		$ 20,735.00	####	$ (1,885.00)
26	CONNECTION TO EXIST MANHOLE	5	$ 1,430.00	$ 7,150.00	5.00	$ 7,150.00		$ 7,150.00	####	$ -
27	SUBDRAIN, STD, PERFORATED, 4"	3513	$ 11.75	$ 41,277.75	2858.00	$ 33,581.50		$ 33,581.50	81.4%	$ 7,696.25
28	SUBDRAIN OUTLET (RF-19C)	20	$ 285.00	$ 5,700.00	17.00	$ 4,845.00		$ 4,845.00	85.0%	$ 855.00
29	STORM SWR G-MAIN,TRENCHED, RCP 2000D, 15"	1586	$ 38.75	$ 61,457.50	1586.00	$ 61,457.50		$ 61,457.50	####	$ -
30	STORM SWR G-MAIN,TRENCHED, RCP 2000D, 18"	129	$ 42.85	$ 5,527.65	314.00	$ 13,454.90		$ 13,454.90	####	$ (7,927.25)
31	STORM SWR G-MAIN,TRENCHED, RCP 2000D, 24"	291	$ 61.25	$ 17,823.75	291.00	$ 17,823.75		$ 17,823.75	####	$ -
32	STORM SWR G-MAIN,TRENCHED, RCP 2000D, 30"	565	$ 75.50	$ 42,657.50	565.00	$ 42,657.50		$ 42,657.50	####	$ -
33	STORM SWR G-MAIN,TRENCHED, RCP 2000D, 54"		$ 168.00	$ -		$ -		$ -		$ -
34	RMV STORM SWR PIPE LE 36"	304	$ 14.25	$ 4,332.00	304.00	$ 4,332.00		$ 4,332.00	####	$ -
35	ENGINEER FABRIC	20	$ 1.85	$ 37.00	80.00	$ 148.00		$ 148.00	####	$ (111.00)
36	REVETMENT, CLASS E	50	$ 61.25	$ 3,062.50	23.00	$ 1,408.75		$ 1,408.75	46.0%	$ 1,653.75
37	RMVL OF PAV'T	8073	$ 7.65	$ 61,758.45	8073.00	$ 61,758.45		$ 61,758.45	####	$ -
38	REMOVAL OF INTAKES AND UTILITY ACCESSES	2	$ 815.00	$ 1,630.00	2.00	$ 1,630.00		$ 1,630.00	####	$ -
39	RECREATIONAL TRAIL, PCC, 5"	2505.7	$ 34.75	$ 87,073.08	2404.10	$ 83,542.48		$ 83,542.48	95.9%	$ 3,530.60
40	SPECIAL COMPACTION OF SUBGRADE/REC TRAIL	26	$ 205.00	$ 5,330.00	26.00	$ 5,330.00		$ 5,330.00	####	$ -
41	DETECTABLE WARNINGS	220	$ 25.50	$ 5,610.00	180.00	$ 4,590.00		$ 4,590.00	81.8%	$ 1,020.00
42	DRIVEWAY, PCC, 7"	316.7	$ 56.00	$ 17,735.20	316.70	$ 17,735.20		$ 17,735.20	####	$ -
43	SAFETY CLOSURE	4	$ 127.50	$ 510.00	4.00	$ 510.00		$ 510.00	####	$ -
44	POST, STEEL, AS PER PLAN	25	$ 102.00	$ 2,550.00	19.00	$ 1,938.00		$ 1,938.00	76.0%	$ 612.00
45	TYPE A SIGNS, SHEET ALUMINUM	123	$ 22.50	$ 2,767.50	123.00	$ 2,767.50		$ 2,767.50	####	$ -
46	PAINTED PAV'T MARK, WATERBORNE/SOLVENT	96	$ 32.50	$ 3,120.00	99.43	$ 3,231.48		$ 3,231.48	####	$ (111.48)
47	PAINTED SYMBOL+LEGEND, WATERBORNE/SOLVNT	24	$ 102.00	$ 2,448.00	24.00	$ 2,448.00		$ 2,448.00	####	$ -
48	PAV'T MARK RMVD	28	$ 52.75	$ 1,477.00	44.10	$ 2,326.28		$ 2,326.28	####	$ (849.28)

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Progress Estimate

Contractor's Application

For (contract): SE 19th Street Improvements
Contractor: Concrete Technologies
Owner's Proj. No.: STP-U-3125(611)--70-77
Engineer's Proj. No.: 1005-13A
Application Number: 17
Application Date: 06/30/2015

A		B			C	D	E	F		G
Item										
Bid Item No.	Description	Bid Quantity	Unit Price	Bid Value	Estimated Quantity Installed	Value	Materials Presently Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F / B)	Balance to Finish (B - F)
49	TRAFFIC CONTROL	1	$ 8,160.00	$ 8,160.00	1.00	$ 8,160.00		$ 8,160.00	####	$ -
50	FLAGGER	20	$ 335.00	$ 6,700.00	11.00	$ 3,685.00		$ 3,685.00	55.0%	$ 3,015.00
51	MOBILIZATION	1	$ 60,000.00	$ 60,000.00	1.00	$ 60,000.00		$ 60,000.00	####	$ -
52	URETHANE CHIMNEY SEAL	7	$ 765.00	$ 5,355.00	2.00	$ 1,530.00		$ 1,530.00	28.6%	$ 3,825.00
53	TRENCH COMPACTION TESTING	1	$ 3,060.00	$ 3,060.00	1.00	$ 3,060.00		$ 3,060.00	####	$ -
54	WATER MAIN, TRENCHED, DIP, 6"	130	$ 41.00	$ 5,330.00	75.00	$ 3,075.00		$ 3,075.00	57.7%	$ 2,255.00
55	WATER MAIN, TRENCHED, PVC, 8"	360	$ 23.50	$ 8,460.00	360.00	$ 8,460.00		$ 8,460.00	####	$ -
56	FITTINGS BY COUNT, DIP	10	$ 765.00	$ 7,650.00	3.00	$ 2,295.00		$ 2,295.00	30.0%	$ 5,355.00
57	VALVE, GATE, DIP, 8"	1	$ 1,500.00	$ 1,500.00	1.00	$ 1,500.00		$ 1,500.00	####	$ -
58	FLUSHING DEVICE (BLOWOFF), 2"	3	$ 915.00	$ 2,745.00	3.00	$ 2,745.00		$ 2,745.00	####	$ -
59	VALVE BOX REPLACEMENT	10	$ 460.00	$ 4,600.00	10.00	$ 4,600.00		$ 4,600.00	####	$ -
60	CUT IN WATER MAIN TEE SECTION		$ 1,530.00	$ -		$ -		$ -		$ -
61	RELOCATE EXISTING FIRE HYDRANT	7	$ 1,430.00	$ 10,010.00	6.00	$ 8,580.00		$ 8,580.00	85.7%	$ 1,430.00
62	TRAFFIC SIGNALIZATION MODIFICATIONS	1	$ 13,260.00	$ 13,260.00	1.00	$ 13,260.00		$ 13,260.00	####	$ -
63	COMPOST	6	$ 10,200.00	$ 61,200.00	4.00	$ 40,800.00		$ 40,800.00	66.7%	$ 20,400.00
64	SEED+FERTILIZE (URBAN)	6	$ 2,345.00	$ 14,070.00	6.00	$ 14,070.00		$ 14,070.00	####	$ -
65	WATER-SOD/SPEC DITCH CNTL/SLOPE PROTECT	300	$ 60.00	$ 18,000.00		$ -		$ -		$ 18,000.00
66	SILT FENCE	3490	$ 1.55	$ 5,409.50	552.00	$ 855.60		$ 855.60	15.8%	$ 4,553.90
67	SILT FENCE-DITCH CHECKS	90	$ 1.80	$ 162.00	157.00	$ 282.60		$ 282.60	####	$ (120.60)
68	RMVL OF SILT FENCE/SILT FENC-DITCH CHECK	3580	$ 0.10	$ 358.00	709.00	$ 70.90		$ 70.90	19.8%	$ 287.10
69	MAINT OF SILT FENC/SILT FENC-DITCH CHECK	3580	$ 0.10	$ 358.00		$ -		$ -		$ 358.00
70	PERIMETER+SLOPE SEDIMENT CNTL DEVICE, 6"	4890	$ 1.55	$ 7,579.50	178.00	$ 275.90		$ 275.90	3.6%	$ 7,303.60
71	RMVL OF PERIMETER+SLOPE SEDIMNT CNTL DEV	4890	$ 0.50	$ 2,445.00	178.00	$ 89.00		$ 89.00	3.6%	$ 2,356.00
72	MOBILIZATIONS, EROSION CONTROL	4	$ 500.00	$ 2,000.00	3.00	$ 1,500.00		$ 1,500.00	75.0%	$ 500.00
8001	CHANGEABLE MESSAGE SIGN, PORTABLE	15	$ 110.00	$ 1,650.00	15.00	$ 1,650.00		$ 1,650.00		$ -
8002	TAPPING VALVE ASSEMBLY, 8 INCH	2	$ 3,960.00	$ 7,920.00	2.00	$ 7,920.00		$ 7,920.00		$ -
8003	STREET LIGHTING	1	$ 109,903.50	$ 109,903.50	1.00	$ 109,903.50		$ 109,903.50		$ -
8004	REPLACE MAST ARM,TRAFFIC SIGNAL	1	$ 2,750.00	$ 2,750.00	1.00	$ 2,750.00		$ 2,750.00		$ -
8005	ADDITIONAL LOOP DETECTOR	1	$ 7,150.00	$ 7,150.00	1.00	$ 7,150.00		$ 7,150.00		$ -
8006	FIRE HYDRANT RELOCATION EXTRA WORK	1	$ 5,390.00	$ 5,390.00	1.00	$ 5,390.00		$ 5,390.00		$ -
8007	FIRE HYDRANT ASSEMBLY, WM-201	2	$ 2,365.00	$ 4,730.00	2.00	$ 4,730.00		$ 4,730.00		$ -
8008	INTAKE CORE HOLES	1	$ 385.00	$ 385.00	1.00	$ 385.00		$ 385.00		$ -
8009	COLD WEATHER PROTECTION	1215	$ 1.00	$ 1,215.00	1215.00	$ 1,215.00		$ 1,215.00		$ -
8010	GROUND THAW UNIT	1	$ 2,200.00	$ 2,200.00	1.00	$ 2,200.00		$ 2,200.00		$ -
8011	INSTALL TEMPORARY DELINATORS	35	$ 82.50	$ 2,887.50	35.00	$ 2,887.50		$ 2,887.50		$ -
8012	GRADING FOR TEMPORARY SHOULDERS	1	$ 2,530.00	$ 2,530.00	1.00	$ 2,530.00		$ 2,530.00		$ -
8013	STRAW MULCH STABILIZATION	6	$ 770.00	$ 4,620.00	8.00	$ 6,160.00		$ 6,160.00		$ (1,540.00)
8014	FIRE HYDRANT ADJUSTMENT	3	$ 1,045.00	$ 3,135.00	3.00	$ 3,135.00		$ 3,135.00		$ -
8015	ADJUST FIBER OPTIC HANDHOLE	1	$ 1,650.00	$ 1,650.00	1.00	$ 1,650.00		$ 1,650.00		$ -
8016	REMOVAL OF TEMPORARY SHOULDERS	1	$ 9,883.76	$ 9,883.76	1.00	$ 9,883.76		$ 9,883.76		$ -
8017	PAY ADJ I/D-PCC PAVT THICKNESS	1	$ 28,630.16	$ 28,630.16	1.00	$ 28,630.16		$ 28,630.16		$ -
8018	PAY ADJ I/D-PCC PAVT SMOOTHNESS	1	$ 4,700.00	$ 4,700.00	1.00	$ 4,700.00		$ 4,700.00		$ -
8019	PAY ADJ I/D-PCC PAVT SMOOTHNESS	1	$ 1,530.50	$ 1,530.50	1.00	$ 1,530.50		$ 1,530.50		$ -
8020	PAY ADJ I/D-PCC PAVT SMOOTHNESS	1	$ 3,801.00	$ 3,801.00	1.00	$ 3,801.00		$ 3,801.00		$ -
	Totals			**$2,192,068.21**		**$2,119,618.01**		**$2,119,618.01**	**96.7%**	**$ 72,450.20**

EJCDC C-620 Contractor's Application for Payment
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Stored Material Summary

Contractor's Application

For (contract): SE 19th Street Improvements
Owner's Proj. No.: STP-U-3125(611)--70-77
Application Number: **17**

Contractor: Concrete Technologies
Engineer's Proj. No.: 1005-13A
Application Date: 06/30/2015

A	B	C	D		E		F		G
			Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining
Invoice No.	Shop Drawing Transmittal No.	Materials Description	Date (Mo./Year)	Amount ($)	Amount ($)	Subtotal	Date (Mo./Year)	Amount ($)	in Storage ($) (D + E - F)
		Totals							

EJCDC C-620 Contractor's Application for Payment
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DEVELOPMENT AGREEMENT

Recorder's Cover Sheet

Preparer Information: (name, address and phone number)
B.J. Miller
4201 Westown Parkway, Suite 300
West Des Moines, IA 50266
Phone: (515) 288-2500

Return Document To: (name and complete address)
B.J. Miller
4201 Westown Parkway, Suite 300
West Des Moines, IA 50266

Grantor: City of Grimes; Edward Rose Millennial Development, L.L.C.

Legal Description:
See attached Exhibit A.

DEVELOPMENT AGREEMENT

(SOUTH 11TH STREET)

This Development Agreement (the "Agreement") is made on or as of the _____ day of _____, 2015, by and between the City of Grimes, Iowa, a municipality (the "City"), established pursuant to the Code of Iowa of the State of Iowa and acting under the authorization of Chapter 403 of the Code of Iowa, 2015, and Edward Rose Millennial Development, L.L.C., a Michigan limited liability company having an office for the transaction of business at 6101 Newport Road, Portage, MI 49002 ("Rose"). City and Rose may be referred to individually as "Party" or collectively as "Parties".

WITNESSETH:

Preamble:

WHEREAS, the City has previously established the Grimes Urban Renewal Area (the "Urban Renewal Area"); and

WHEREAS, Chapter 403 of the Code grants City the authority to enter into development agreements with private entities to provide for the proper development and use of real property within an urban renewal area; and

WHEREAS, Rose may acquire certain real property comprised of approximately 31.292 acres lying east of Highway 141, south of Highway 44 and north of the future extension of South 11th Street (the " Rose Property"), such Property being situated within the Urban Renewal Area and intended as the site for the development of a multi-residential apartment complex, which Property is legally described on Exhibit A attached hereto and made a part hereof; and

WHEREAS, the City will undertake the construction of certain public improvements sufficient to serve the Rose Property and certain other properties proximate thereto; and

WHEREAS, Rose has agreed to pay for constructing said improvements subject to being reimbursed a portion of the cost of construction as set forth herein; and

WHEREAS, Rose is relying on this Agreement for the purposes of acquiring the Rose Property from All Points Development, L.C. ("All Points");

NOW, THEREFORE, in consideration of the premises and the mutual obligations of the Parties hereto, each of them do hereby covenant and agree with the other as follows:

ARTICLE I. DEFINITIONS.

Section 1. Definitions. In addition to the other definitions set forth in this Agreement, all capitalized terms used and not otherwise defined herein shall have the following meanings unless the different meaning clearly appears from the context:

"Code" shall mean the Code of Iowa, 2015, as amended.

"Improvements" means the South 11th Street Improvements comprised of the design and construction of a street commencing from its current point of terminus to the East line of the NW 1/4 of Section 4, Township 7 North, Range 25 West of the 5th P.M. (East line of the Rose Property) together with water (the "Waterline") and storm sewer, as illustrated generally on Exhibit B attached hereto and made a part hereof.

"Unavoidable Delays" means delays resulting from acts or occurrences outside the reasonable control of the Party claiming the delay including but not limited to storms, floods, fires, explosions or other casualty losses, unusual weather conditions, strikes, boycotts, lockouts or other labor disputes, delays in transportation or delivery of material or equipment, litigation commenced by third parties, or the acts of any federal, State or local governmental unit; provided that Unavoidable Delays shall not apply to financial obligations of one Party to another.

ARTICLE II. CONSTRUCTION OF IMPROVEMENTS

Section 2.1. Construction of Improvements. Subject to Unavoidable Delays, the City shall cause construction of the Improvements to be undertaken and completed by the City no later than the date which is one (1) year from the date the City has acquired fee title to the south half of the right-of-way and all necessary easements to construct the Improvements as set forth in Section 2.2 below, or by such other date as the Parties shall mutually agree upon in writing, all in accordance with plans and specifications prepared by Rose's engineers and approved by the City. Time lost as a result of Unavoidable Delays shall be added to extend this date by a number of days equal to the number of days lost. Notwithstanding the foregoing, and without prejudice to the deadline for constructing the Improvements set forth above, the Parties agree that if for any reason the Improvements have not been completed by the date that is six (6) months from the date of recording the subdivision plat for the Rose Property, the City shall immediately commence and diligently pursue to completion the installation of the Waterline. If the City fails to so install the Waterline, Rose may do so and shall receive a credit towards the amount it has agreed to pay in this Agreement equal to the amount of the actual cost of installing the Waterline.

The City agrees to enter into contracts to construct the Improvements with the lowest responsive, responsible bidder in accordance and compliance with State of Iowa competitive bidding laws. Rose shall provide performance bonds to the City in an amount sufficient to cover the entire construction costs of the Improvements. Such bonds shall be in standard form and issued by an insurance company reasonably acceptable to the City and shall name the City as obligee.

The preliminary cost estimate for the Improvements is $758,992.00. It is the intention of Rose and the City that Rose shall only be responsible for the actual construction costs

attributable to constructing the north half of the Improvements. Accordingly, the City agrees to reimburse Rose for one half of the actual construction costs for the Improvements. The City agrees to reimburse Rose through five (5) equal and consecutive annual installment payments ("Annual Payments") commencing January 1 of the first year after completion of the Improvements and acceptance by necessary governing bodies and continuing each January 1 thereafter until Rose has been fully reimbursed.

Notwithstanding the foregoing and any preliminary estimates, the City's obligation to reimburse Rose through the Annual Payments shall be capped at the actual cost of the constructing half of the Improvements. The City shall provide Rose copies of all contracts for the Improvements and reasonable proof, including invoices, substantiating the costs of constructing the Improvements. The City shall submit to Rose a monthly invoice for all completed construction and materials incorporated into the Improvements. Rose will pay the City the amount of such invoice within thirty (30) days of each submitted invoice until construction of the Improvements is completed. Invoices shall be for work that has been completed and materials that have been incorporated into the Improvements and not for future work to be performed or materials not incorporated into the Improvements.

Section 2.2. Easements and Conveyances. Prior to the award of construction contracts for the Improvements, Rose shall convey the north half of the right-of-way depicted on Exhibit B for South 11th Street. The conveyance shall be in a form acceptable to the City Attorney. It shall be the responsibility of the City, at its sole cost, to obtain the south half of the right-of-way for South 11th Street and any necessary easements from any necessary property owners; including without limitation any and all costs associated with the use of eminent domain pursuant to Iowa Code Chapters 6A and 6B.

Section 2.3. Special Assessment. The City may assess the costs of the Improvements to the owners of the real property benefited by such improvements in accordance with Division IV of Chapter 384 of the Code, provided, however, that the Rose Property shall not be specially assessed any of these costs.

Section 2.4. Maintenance. Upon completion of the Improvements, the City shall maintain the Improvements at the same level as is currently provided by the City for comparable improvements located in other areas of the City.

ARTICLE III. MISCELLANEOUS.

Section 3.1. Notices and Demands. A notice, demand or other communication under this Agreement by any Party to the other shall be sufficiently given or delivered if it is dispatched by registered or certified mail, postage prepaid, return receipt requested, or delivered personally, and

(a) In the case of Rose, is addressed or delivered personally to Rose at c/o Edward Rose Millennial Development, L.L.C., 6101 Newport Road, Portage, MI 49002; and

(b) In the case of the City, is addressed to or delivered personally to the City at City Hall, 101 N. Harvey Street, Grimes, Iowa 50111, Attn: City Administrator; or

(c) To such other designated individual or officer or to such other address as any Party shall have furnished to the other in writing in accordance herewith.

Section 3.2. Assignment. This Agreement may not be amended or assigned by any Party without the express permission of the other Party hereto.

Section 3.3. Titles of Articles and Sections. Any titles of the several parts, Articles, and Sections of this Agreement are inserted for convenience of reference only and shall be disregarded in construing or interpreting any of its provisions.

Section 3.4. Counterparts. This Agreement may be executed in any number of counterparts, each of which shall constitute one and the same instrument.

Section 3.5. Governing Law. This Agreement shall be governed and construed in accordance with the laws of the State of Iowa.

Section 3.6. Entire Agreement. This Agreement reflects the entire agreement between the Parties regarding the subject matter hereof, and supersedes and replaces all prior agreements, negotiations or discussions, whether oral or written.

Section 3.7. Successors and Assigns. This Agreement is intended to and shall inure to the benefit of and be binding upon the Parties hereto and their respective successors and assigns.

Section 3.8 Contingency. The obligations of the Parties set forth in this Agreement are contingent on Rose acquiring the Rose Property from All Points and the City obtaining fee title and necessary easements for the south half of the right-of-way for the Improvements.

IN WITNESS WHEREOF, the City has caused this Agreement to be duly executed in its name and behalf by its Mayor and its seal to be hereunto duly affixed and attested by its City Clerk, and Rose has caused this Agreement to be duly executed in its name and on its behalf by its duly authorized officer, all as of the day first above written.

(SEAL) CITY OF GRIMES, IOWA

By: _____
Mayor

ATTEST:

By: _____
City Clerk

STATE OF IOWA)
)ss:
COUNTY OF POLK)

This record was acknowledged before me on _____, 2015 by _____ as Mayor of the City of Grimes, Iowa.

_____
Notary in and for the State of Iowa
My commission expires _____

EDWARD ROSE MILLENNIAL DEVELOPMENT, L.L.C.
a Michigan limited liability company

By: _____
Warren Rose, Manager

State of Michigan)
)ss:
County of Kalamazoo)

This record was acknowledged before me on _____, 2015 by Warren Rose as the the Manager of Edward Rose Millennial Development, L.L.C.

_____
Notary in and for the State of Michigan

(Stamp or Seal)

EXHIBIT A

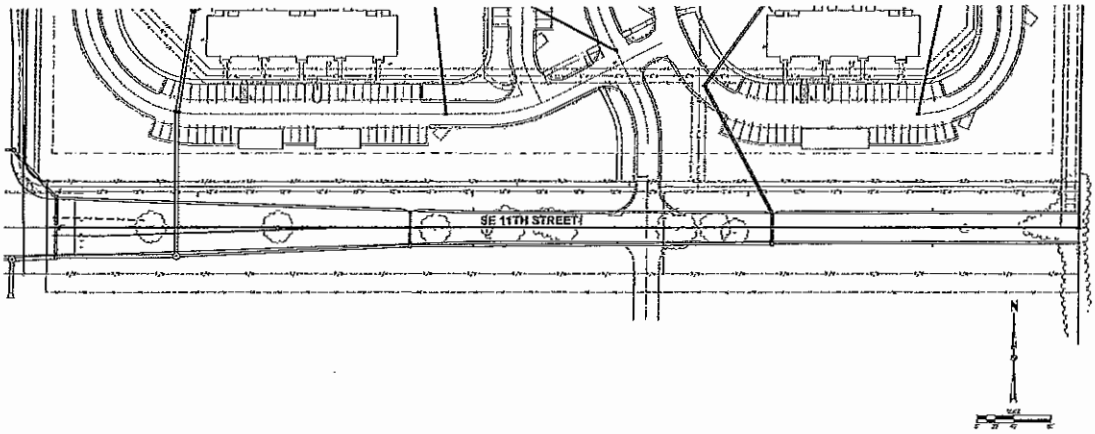
DESCRIPTION OF ROSE PROPERTY

The South 31.292 acres of Outlot 'Y' in DESTINATION RIDGE PLAT 1, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa.

To be known after platting as Destination Ridge Plat 4, an Official Plat, now included in and forming a part of the City of Grimes, Polk County, Iowa.

EXHIBIT B

LOCATION OF IMPROVEMENTS



RECEIVED JUL 10

Check Payment to:
AECOM Technical Services, Inc.
An AECOM Company
1178 Paysphere Circle
Chicago, IL 60674

ACH Payment to:
AECOM Technical Services, Inc.
An AECOM Company
Bank of America
Account Number 5800937020
ABA Number 071000039

Wire Transfer Payment to:
AECOM Technical Services, Inc.
An AECOM Company
Bank of America
New York, NY 10001
Account Number 5800937020
ABA Number 026009593
SWIFT CODE BOFAUS3N

AECOM

501 Sycamore Street, Suite 222, Waterloo, IA 50703
Tel: 319-232-6531 Fax: 319-232-0271

Federal Tax ID No. 95-2661922

ATTN : KELLEY BROWN
GRIMES, IA, CITY OF
101 NE HARVEY STREET
GRIMES, IA 50111

Invoice Date: 07-JUL-15
Invoice Number: 37589388

Agreement Number: 60301188
Agreement Description:

Payment Term: 30 DAYS

Please reference Invoice Number and Project Number with Remittance

Project Number : 60301188 **Project Name : Grimes-NW Transportation Corridor Feasibility Study**
Bill Through Date : 06-JUN-15 - 03-JUL-15

Labor Multiplier

Employee Name/Title	Title/Expenditure	Date	Hours	Rate	Raw Cost	Billed Amt
Allyn, Todd L	Project Professional	12-JUN-15	16.00	45.32	725.12	
Allyn, Todd L	Project Professional	19-JUN-15	14.00	45.32	634.48	
Allyn, Todd L	Project Professional	03-JUL-15	6.00	45.32	271.92	
Bernhardt, Mary E	Project Support	12-JUN-15	1.00	27.32	27.32	
Total Labor Multiplier			**37.00**		**1,658.84**	**1,658.84**
OverHead Markup						**2,447.79**
Labor CPFF Total						**4,106.63**

Reimbursable

Expenditure Type	Employee/Vendor Name	Date	Inv Number	Billed Amt
Repro, Photo & Blueprint	ARC	17-JUN-15	11301ARC060815	1.65
Total Reimbursable				**1.65**

Lump Sum

Description	Billed Amt
Fixed Fee Labor	533.86
Total Lump Sum	**533.86**
Project Total : Grimes-NW Transportation Corridor Feasibility Study	**4,642.14**

Invoice Summaries

Total Current Amount :	4,642.14
Retention Amount :	0.00
Pre-Tax Amount :	4,642.14
Tax Amount :	0.00
Total Invoice Amount :	**4,642.14**

Billing Summaries

Billing Summary	Current	Prior	Total	Limit	Remain
Billings	4,642.14	149,821.04	154,463.18	375,900.00	221,436.82
Billing Total :	4,642.14	149,821.04	154,463.18		

501 Sycamore Street, Suite 222 ● Waterloo, Iowa 50703 ● (319)232-6531 ● Fax: (319) 232-0271

Invoice

AECOM

AECOM Technical Services, Inc.
501 Sycamore Street, Suite 222
Waterloo, Iowa 50703

Cost Plus Fixed Fee Progressive Invoice

Invoice No.: 37589388
Invoice Period Covered: 6/6/15 through 7/3/15
Consultant Job No. 60301188

Date: July 7, 2015
Client Project No.: HDP-3125 (610)--71-77
City: Grimes
Client Project Description: Northwest Transportation Corridor Feasibility Study
Client Contact: Ms. Kelley Brown

	Contract Estimate	Cumulative To Date	Current Period
Labor Dollars	$ 103,515.70	$ 44,205.91	$ 1,658.84
Overhead	$ 162,519.65	$ 66,108.00	$ 2,447.79
Direct Expenses			
Mileage	$ 1,525.50	$ 991.46	$ -
Copies	$ 780.00	$ 954.54	$ 1.65
EDM Equipment	$ -	$ -	$ -
GPS Equipment	$ -		$ -
Miscellaneous/Other	$ 194.50	$ -	$ -
Subconsultants			
Veenstra and Kimm, Inc.	$ 63,800.00	$ 21,416.78	$ -
LT Leon Associates	$ 9,000.00	$ 6,445.68	$ -
Estimated Actual Costs	$ 341,335.35	$ 140,122.37	$ 4,108.28
Subtotal Rounded	$ 341,300.00		$ -
Fixed Fee	$ 34,600.00	$ 14,340.81	$ 533.86
AuthorizedContingency	$ -		
Total Authorized Amount	$ 375,900.00		
Total Billed to Date	$ 154,463.18	$ 154,463.18	$ 4,642.14
Remaining Authorized Balance	$ 221,436.82		
Labor Hours (Prime)	1,988.00	940.25	37.00

Remit to: AECOM Technical Services, Inc ● 1178 Paysphere Circle ● Chicago, IL 60674

FUND	Beginning Bal	Receipts	Expenses	Financial Direc Ending Book Balance
Jun-15				
General				
General	564,377.57	1552211.17	854627.98	1,261,960.76
Insurance	209,490.95	477.92	0	209,968.87
Park Cap Impro	211,592.58	0	0	211,592.58
Fire Cap Impro	27,781.32	0	0	27,781.32
Rescue Cap Impro	16,218.47	0	0	16,218.47
Cemetery	27,889.82	2243.18	0	30,133.00
Hotel/Motel tax	207,342.61	12982.76	16795.92	203,529.45
Emergency	521,701.94	871.58	0	522,573.52
Park & Rec/Goal	6,365.17	0	0	6,365.17
Total General	1,792,760.43	1,568,786.61	871,423.90	2,490,123.14
Special Revenue				
Road Use Tax	477,393.18	92521.12	85761.59	484,152.71
TIF	46,106.34	15853.99	0	61,960.33
Empl Benefits	866,579.60	4690.09	702651	168,618.69
Metro Waste	0.40	0	0	0.40
Fire Dept Aux	15,538.99	0	0	15,538.99
Ec Dev Revolve Loar	211,155.84	460.11	0	211,615.95
Fire Dept FEMA	34,239.98	22310.23	0	56,550.21
Library	54,508.26	1770.14	306.23	55,972.17
Rolow Memorial	1,832.83	0	0	1,832.83
Total Spec Revenue	1,707,355.42	137,605.68	788,718.82	1,056,242.28
Debt Service				
Debt Service	5,097,495.09	10942.67	2068979.93	3,039,457.83
Total Debt Service	5,097,495.09	10,942.67	2,068,979.93	3,039,457.83
Capital Projects				
Sewer Cap Impr	853,485.52	0	10720	842,765.52
Water Cap Impro	-1,714,745.20	3976	243669.65	-1,954,438.85
Road Development	-1,857,649.28	6582736.25	321690.42	4,403,396.55
Main Street Improven	146,030.13	0	0	146,030.13
Comp Plam	3,953.75	0	0	3,953.75
Park System	-78,529.66	1400000	-106862.33	1,428,332.67
Middle School/GCC	313,861.89	0	18530	295,331.89
City Hall	18,114.01	0	0	18,114.01
Roads Hwy 44	705,240.97	0	0	705,240.97
Storm Sewer	-199,867.54	0	352252.82	-552,120.36
Total Cap Improvem	-1,810,105.41	7,986,712.25	840,000.56	5,336,606.29
Enterprise				
Water Operations	203,119.83	205938.81	169792.71	239,265.93
Water Tapping	1,602,154.42	15440	0	1,617,594.42
Water SRF Skg	31,522.32	0	0	31,522.32
Water Rec Bond Skg	678,438.47	0	468362.44	210,076.03
Water Deposits	106,102.29	5957.71	33005	79,055.00
Total Water	2,621,337.33	227,336.52	671,160.15	2,177,513.70
Sewer Operations	755,933.75	116372.06	20905.09	851,400.72
Sewer Tapping	1,578,993.38	23160	0	1,602,153.38
Sewer SRF Skg	469,213.41	0	324283.25	144,930.16
Total Sewer	2804140.54	139532.06	345188.34	2,598,484.26
Storm Water	560,372.78	36792.51	30266.02	566,899.27
	0.00			0.00
Solid Waste	15,001.47	30182.35	38615.62	6,568.20
Total Enterprise	6,000,852.12	433,843.44	1,085,230.13	5,349,465.43
	0.00			0.00
Grand Total	$12,788,357.66	$10,137,890.65	$5,654,353.34	$17,271,894.97

outstanding checks	320,774.56
oustanding deposits	9,734.07
bank balance per City Admin	17,582,935.46
bank savings & investments	$2,802,397.43
checking acct bal	14,780,538.03
actual acct bal	14,780,882.85
	-379.92
wages payable	0.00
adj	-35.10
Balance	0.00

Monthly Treasurer's cash balance report

Jun-15

fund	balance
Savings accounts	
Johnston Charter #1	$2,656,030.49
Johnston Charter #2	$0.00
General Fund - City State Bank	$0.00
	$2,656,030.49
Investments	
Cemetery CD 1 304927	$29,305.88
Cemetery CD 3 222910	18347.24
Cemtery DC 12014736	18981.41
IPAIT General	$55,875.26
IPAIT debt service	$3,250.44
Water Deposits Cd - 25712	$2,298.02
	$128,058.25
Total Savings and Investments	
	$2,784,088.74
Fire Dept Aux June balance	18308.69
	0
Grand Total	**$2,802,397.43**

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

CONCILIATION SUMMARY

BEGINNING STATEMENT BALANCE:		10,348,081.58	GL ACCOUNT BALANCE:		14,467,975.68
DEPOSITS:	+	10,159,344.78	OUTSTANDING DEPOSITS:	-	9,734.07
WITHDRAWALS:	+	5,728,410.19CR	OUTSTANDING CHECKS:	-	320,774.56CR
ADJUSTMENTS:	+	1,866.68	ADJUSTMENTS:	+	1,866.68
ENDING STATEMENT BALANCE:		14,780,882.85	ADJUSTED GL ACCOUNT BALANCE:		14,780,882.85

'ATEMENT BALANCE: 14,780,882.85
NK DIFFERENCE: 0.00
'L DIFFERENCE: 0.00

EARED DEPOSITS:

1/13/2015	000003	DAILY PAYMENT POSTING - ADJ	33.97CR
5/04/2015	000001	Online Payment 5/04/2015	3,232.37
5/07/2015	000003	DAILY PAYMENT POSTING - ADJ	172.11
5/27/2015		CREDIT CARD 5/27/2015	547.56
5/27/2015	000002	Online Payment 5/27/2015	776.67
5/28/2015		CREDIT CARD 5/28/2015	462.71
5/28/2015	000002	Online Payment 5/28/2015	2,129.57
5/29/2015		CREDIT CARD 5/29/2015	292.80
5/29/2015	000002	Online Payment 5/29/2015	2,736.47
6/01/2015		CREDIT CARD 6/01/2015	922.07
6/01/2015	000001	STANDARD 6/01/2015	16,930.85
6/01/2015	000002	Online Payment 6/01/2015	6,125.57
6/02/2015		DAILY PAYMENT POSTING - ADJ	25.00CR
6/02/2015	000001	CREDIT CARD 6/02/2015	461.80
6/02/2015	000002	STANDARD 6/02/2015	3,762.65
6/02/2015	000003	Online Payment 6/02/2015	2,079.01
6/03/2015		CREDIT CARD 6/03/2015	601.85
6/03/2015	000001	STANDARD 6/03/2015	7,569.62
6/03/2015	000002	Online Payment 6/03/2015	1,694.57
6/04/2015		CREDIT CARD 6/04/2015	1,502.57
6/04/2015	000001	STANDARD 6/04/2015	26,402.61
6/04/2015	000002	Online Payment 6/04/2015	1,709.26
6/05/2015		CREDIT CARD 6/05/2015	16.00
6/05/2015	000001	STANDARD 6/05/2015	28,235.17
6/05/2015	000002	Online Payment 6/05/2015	3,600.02
6/08/2015		CREDIT CARD 6/08/2015	995.20
6/08/2015	000001	STANDARD 6/08/2015	32,366.31
6/08/2015	000002	Online Payment 6/08/2015	3,120.48
6/09/2015		CREDIT CARD 6/09/2015	742.34
6/09/2015	000001	STANDARD 6/09/2015	9,984.94
6/09/2015	000002	Online Payment 6/09/2015	1,250.18
6/10/2015		CREDIT CARD 6/10/2015	393.21

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

6/10/2015	000001	STANDARD 6/10/2015	20,414.95
6/10/2015	000002	Online Payment 6/10/2015	1,756.44
6/11/2015		CREDIT CARD 6/11/2015	357.60
6/11/2015	000001	STANDARD 6/11/2015	17,421.23
6/11/2015	000002	Online Payment 6/11/2015	1,551.95
6/12/2015		CREDIT CARD 6/12/2015	391.33
6/12/2015	000001	STANDARD 6/12/2015	12,659.11
6/12/2015	000002	Online Payment 6/12/2015	2,042.87
6/15/2015		CREDIT CARD 6/15/2015	534.50
6/15/2015	000001	Online Payment 6/15/2015	652.70
6/15/2015	000002	STANDARD 6/15/2015	59,099.38
6/15/2015	000003	Online Payment 6/15/2015	5,498.22
6/16/2015		DAILY PAYMENT POSTING - ADJ	29.88CR
6/16/2015	000001	CREDIT CARD 6/16/2015	476.78
6/16/2015	000002	STANDARD 6/16/2015	22,047.61
6/16/2015	000003	Online Payment 6/16/2015	2,736.57
6/17/2015		CREDIT CARD 6/17/2015	466.38
6/17/2015	000001	STANDARD 6/17/2015	13,722.51
6/17/2015	000002	Online Payment 6/17/2015	2,206.26
6/18/2015		CREDIT CARD 6/18/2015	2,461.19
6/18/2015	000001	STANDARD 6/18/2015	33,242.77
6/18/2015	000002	Online Payment 6/18/2015	3,122.12
6/19/2015		Online Payment 6/19/2015	62,024.64
6/19/2015	000001	CREDIT CARD 6/19/2015	1,029.84
6/19/2015	000002	STANDARD 6/19/2015	25,870.01
6/19/2015	000003	Online Payment 6/19/2015	5,237.13
6/22/2015		CREDIT CARD 6/22/2015	1,059.13
6/22/2015	000001	STANDARD 6/22/2015	21,594.15
6/22/2015	000002	Online Payment 6/22/2015	6,813.29
6/22/2015	000003	DRAFT POSTING	50,086.67
6/23/2015		CC DRAFT POSTING	2,598.76
6/23/2015	000001	CREDIT CARD 6/23/2015	487.59
6/23/2015	000002	STANDARD 6/23/2015	6,976.15
6/23/2015	000003	Online Payment 6/23/2015	1,796.21
6/24/2015		CREDIT CARD 6/24/2015	262.86
6/24/2015	000001	STANDARD 6/24/2015	3,140.12
6/24/2015	000002	Online Payment 6/24/2015	1,737.55
6/24/2015	000003	DAILY PAYMENT POSTING - ADJ	50.34CR
6/25/2015		CREDIT CARD 6/25/2015	570.37
6/25/2015	000001	STANDARD 6/25/2015	6,689.67
6/25/2015	000002	Online Payment 6/25/2015	1,102.94
6/26/2015		CREDIT CARD 6/26/2015	587.87
6/26/2015	000001	STANDARD 6/26/2015	3,000.87
6/26/2015	000002	Online Payment 6/26/2015	1,730.99
6/29/2015	000001	Online Payment 6/29/2015	825.00
6/29/2015	000002	STANDARD 6/29/2015	28,498.69
6/30/2015	000001	STANDARD 6/30/2015	4,953.52
6/30/2015	000003	Online Payment 6/30/2015	8,809,217.75
6/30/2015	000004	Online Payment 6/30/2015	22,310.23
TOTAL CLEARED DEPOSITS:			9,433,741.82

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

EARED CHECKS:

6/10/2014	077461	BYRUM, MISTY	26.54CR
11/25/2014	079298	NEW MORNING	58.45CR
3/11/2015	085095	COLLETT, HEATH VOIDED	172.11CR
5/14/2015	085399	NORTHERN POLK COUNTY TRAINING	125.00CR
5/14/2015	085435	MID-IOWA ASS. OF LOCAL GVT'S	445.26CR
5/14/2015	085451	POLK CO AUDITORS OFFICE	61,186.91CR
5/14/2015	085459	SWEET HONEY	85.00CR
5/14/2015	085473	BLAKE PUTNEY	79.44CR
5/27/2015	079957	GISCH, KELLY A	117.05CR
5/27/2015	085482	111154 54 LLC	1,300.00CR
5/27/2015	085483	GALE / CENGAGE LEARNING	46.88CR
5/27/2015	085484	CENTRAL PUMP AND MOTOR	640.00CR
5/27/2015	085485	BOUND TREE MEDICAL, LLC	54.09CR
5/27/2015	085487	TYCO INTEGRATED SECURITY	378.00CR
5/27/2015	085488	A & W ELECTRIC, INC	638.89CR
5/27/2015	085489	AECOM TECHNICAL SERVICES, INC	1,652.49CR
5/27/2015	085490	AIR LIQUIDE AMERICA L.P.	1,385.61CR
5/27/2015	085491	ANIMAL RESCUE LEAGUE	250.00CR
5/27/2015	085492	TOM ARMSTRONG	426.23CR
5/27/2015	085493	BAKER & TAYLOR	1,717.18CR
5/27/2015	085495	BARRACUDA	999.00CR
5/27/2015	085496	BDI SIGNS	63.60CR
5/27/2015	085497	BEELMAN LOGISTICS LLC	1,791.64CR
5/27/2015	085499	BLUE TARP FINANCIAL	179.99CR
5/27/2015	085500	BROKEN ARROW	411.30CR
5/27/2015	085501	BSN SPORTS	372.53CR
5/27/2015	085503	CDW GOVERNMENT, INC.	677.18CR
5/27/2015	085505	CCRC OF GRIMES LLC	138,420.00CR
5/27/2015	085506	CIVIL DESIGN ADVANTAGE	9,215.40CR
5/27/2015	085507	CONCRETE TECHNOLOGIES INC	34,714.68CR
5/27/2015	085508	CONTINENTAL RESEARCH CORP.	550.04CR
5/27/2015	085510	DOCTORS NOW	75.00CR
5/27/2015	085512	ELAN FINANCIAL SERVICES	6,320.77CR
5/27/2015	085517	FIONNUALA CAREY	63.65CR
5/27/2015	085518	FIRE SERVICE TRAINING-TREASURE	25.00CR
5/27/2015	085519	G & L CLOTHING	617.34CR
5/27/2015	085520	CENTURY LINK	1,559.53CR
5/27/2015	085521	CERTIFIED LABORATORIES	846.35CR
5/27/2015	085522	GRAINGER	252.40CR
5/27/2015	085523	HACH COMPANY	100.47CR
5/27/2015	085525	HD SUPPLY WATERWORKS	316.76CR
5/27/2015	085526	HDS WHITECAP CONST SUPPLY	846.42CR
5/27/2015	085527	RODAN OFFICE CLEANING	427.00CR
5/27/2015	085528	HILLYARD	107.59CR
5/27/2015	085529	GD DEVELOPMENT LLP	2,703.00CR
5/27/2015	085530	GENERAL PARTS GROUP	573.68CR
5/27/2015	085532	IOWA ONE CALL	336.60CR

5/27/2015	085533	IOWA FIRE EQUIPMENT CO.	1,418.00CR
5/27/2015	085534	IOWA PRISON INDUSTRIES	263.45CR
5/27/2015	085535	IOWA SIGNAL INC	162.00CR
5/27/2015	085536	TYLER TECHNOLOGIES	2,209.00CR
5/27/2015	085537	JETCO, INC.	2,311.42CR
5/27/2015	085538	JIM'S JOHNS	360.00CR
5/27/2015	085540	LAWSON PRODUCTS	480.28CR
5/27/2015	085541	MARIE CLAIRE	24.00CR
5/27/2015	085542	LOGAN CONTRACTORS SUPPLY	516.39CR
5/27/2015	085543	MAIL SERVICES	91.28CR
5/27/2015	085544	THE MAILBOX	29.95CR
5/27/2015	085545	MEDIACOM	159.90CR
5/27/2015	085546	MENARDS	155.93CR
5/27/2015	085547	KEVIN HORNER	349.00CR
5/27/2015	085548	MIDWEST LOCK & SECURITY	120.00CR
5/27/2015	085549	MIDAMERICAN ENERGY CO.	9,807.14CR
5/27/2015	085550	MISSISSIPPI LIME CO.	7,773.00CR
5/27/2015	085551	NAPA AUTO PARTS	102.74CR
5/27/2015	085552	NATIONAL RECREATION AND PARK A	165.00CR
5/27/2015	085554	NORWALK READY MIX CONCRETE	705.00CR
5/27/2015	085555	OCLC, INC	138.97CR
5/27/2015	085557	OFFICE DEPOT	110.51CR
5/27/2015	085558	TRUE VALUE	172.75CR
5/27/2015	085559	TUMBLEWEED PRESS INC	599.00CR
5/27/2015	085560	PETERSON PEST & TERMITE	35.00CR
5/27/2015	085561	PHYSICO CONTROL	1,558.70CR
5/27/2015	085562	ENVIRONMENTAL RESOURCES ASSOCI	527.89CR
5/27/2015	085563	PITNEY BOWES, INC.	105.00CR
5/27/2015	085564	PURCHASE POWER	1,020.99CR
5/27/2015	085565	RENES GREENHOUSE, INC.	1,403.40CR
5/27/2015	085566	RENEWAL CENTER	6.00CR
5/27/2015	085568	RANGER RICK	28.95CR
5/27/2015	085570	SUBSCRIBER SERVICES	39.75CR
5/27/2015	085571	SAFELITE FULFILLMENT	188.44CR
5/27/2015	085572	SCHUMACHER ELEVATOR CO	425.00CR
5/27/2015	085573	SENTIMENTAL PRODUCTIONS	210.00CR
5/27/2015	085574	SIGNS NOW	262.25CR
5/27/2015	085575	SOIL TEK	30.00CR
5/27/2015	085576	SPRAYER SPECIALTIES	16.32CR
5/27/2015	085578	STRAUSS SAFE & LOCK CO.	1,114.85CR
5/27/2015	085580	UNIQUE MANAGEMENT SERVICE	44.75CR
5/27/2015	085581	UNITED CONTRACTORS, INC	918.40CR
5/27/2015	085582	CINTAS CORPORATION - #762	369.67CR
5/27/2015	085583	VESSCO, INC.	475.00CR
5/27/2015	085584	VENDING SERVICES INC.	72.12CR
5/27/2015	085585	VAN WALL MOTORSPORTS	177.53CR
5/27/2015	085586	WEST SIDE MECHANICS	689.34CR
5/27/2015	085588	BOOK FARM	131.94CR
5/27/2015	085589	HOY CONCRETE INC	256.00CR

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5/27/2015	085591	HIGHGATES CONSTRUCTI	200.00CR
5/27/2015	085592	HIGHGATES CONSTRUCTI	215.00CR
5/27/2015	085593	HIGHGATES CONSTRUCTI	200.00CR
5/27/2015	085594	HIGHGATES CONSTRUCTI	215.00CR
5/27/2015	085595	RIGHTSTUF INTERNATIONAL	7,054.00CR
5/27/2015	085596	NORWALK READY MIX CONCRETE	378.00CR
5/27/2015	064821	WALMART	41.16CR
6/01/2015	064823	WALMART	1,596.00CR
6/01/2015	064825	ADEL AQUATIC CENTER	175.00CR
6/01/2015	064826	WYNNSONG THEATER	240.00CR
6/04/2015	064824	SLEEPY HOLLOW SPORTS PARK	279.00CR
6/08/2015	064829	CASCADE FALLS	392.00CR
6/08/2015	064830	BLANK PARK ZOO	212.00CR
6/10/2015	079959	COENEN, HEATH R	319.20CR
6/10/2015	085597	BOUND TREE MEDICAL, LLC	215.36CR
6/10/2015	085598	PRINCIPAL LIFE INSURANCE	314.50CR
6/10/2015	085599	A & W ELECTRIC, INC	862.92CR
6/10/2015	085600	ACCU JET	940.00CR
6/10/2015	085601	AIR LIQUIDE AMERICA L.P.	1,261.04CR
6/10/2015	085602	TESTAMERICA LABORATORIES, INC	920.00CR
6/10/2015	085603	BARCO MUNICIPAL	770.42CR
6/10/2015	085604	BLACK HILLS ENERGY	999.87CR
6/10/2015	085605	BEELMAN LOGISTICS LLC	1,715.84CR
6/10/2015	085606	WASTE CONNECTIONS, DM DISTRIC	27,932.55CR
6/10/2015	085607	SHADRAN INDUSTRIAL & SANITARY	580.00CR
6/10/2015	085608	C.L. CARROLL CO. INC.	90,524.19CR
6/10/2015	085609	CENTRAL IOWA PEST	165.00CR
6/10/2015	085610	CONCRETE TECHNOLOGIES INC	72,762.90CR
6/10/2015	085611	DELTA DENTAL OF IOWA	2,257.32CR
6/10/2015	085612	HOME DEPOT CREDIT SERVICE	53.83CR
6/10/2015	085613	RD MCKINNEY PLUMB/EXC	659.00CR
6/10/2015	085614	FAREWAY STORES, INC.	21.24CR
6/10/2015	085615	FIRE SERVICE TRAINING-TREASURE	200.00CR
6/10/2015	085616	FOX ENGINEERING ASSOCIATES	125,937.12CR
6/10/2015	085617	VOID CHECK	0.00
6/10/2015	085618	VOID CHECK	0.00
6/10/2015	085619	VOID CHECK	0.00
6/10/2015	085620	G & L CLOTHING	539.30CR
6/10/2015	085621	GOVT. FIN. OFFICERS ASSN.	160.00CR
6/10/2015	085622	GRAINGER	792.50CR
6/10/2015	085623	GREATER DES MOINES CVB	250.00CR
6/10/2015	085624	HACH COMPANY	232.10CR
6/10/2015	085625	HAWKINS WATER TREATMENT	672.00CR
6/10/2015	085626	HDS WHITECAP CONST SUPPLY	5,550.81CR
6/10/2015	085627	HILLYARD	233.83CR
6/10/2015	085628	GENERAL PARTS GROUP	300.60CR
6/10/2015	085629	THE IOWA CLINIC - URGENT CARE	4,800.00CR
6/10/2015	085630	IMAGETEK	100.00CR
6/10/2015	085631	IMWCA	116,500.00CR

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6/10/2015	085632	IOWA ASSN OF MUNICIPAL UT	1,340.39CR
6/10/2015	085633	IOWA DIVISION OF CRIMINAL INVE	500.00CR
6/10/2015	085634	INTEGRATEDPRINT SOLUTIONS	522.30CR
6/10/2015	085635	IOWA FIRE EQUIPMENT CO.	1,061.76CR
6/10/2015	085636	JETCO, INC.	29,291.64CR
6/10/2015	085637	JOHNSON'S CONOCO SERVICE	16.50CR
6/10/2015	085638	KECK INC	1,674.34CR
6/10/2015	085639	LEAF	45.18CR
6/10/2015	085641	LOGAN CONTRACTORS SUPPLY	322.40CR
6/10/2015	085642	LOBSTER SPORTS	1,392.00CR
6/10/2015	085643	MEDIACOM	75.90CR
6/10/2015	085644	MENARDS	595.57CR
6/10/2015	085645	METRO WASTE AUTHORITY	8,165.30CR
6/10/2015	085646	MIDAMERICAN ENERGY CO.	17,593.52CR
6/10/2015	085647	VOID CHECK	0.00
6/10/2015	085648	VOID CHECK	0.00
6/10/2015	085649	VOID CHECK	0.00
6/10/2015	085650	VOID CHECK	0.00
6/10/2015	085651	MISSISSIPPI LIME CO.	3,552.00CR
6/10/2015	085652	MUNICIPAL SUPPLY, INC.	8,259.55CR
6/10/2015	085653	MUNICIPAL EMERGENCY SERV.	141.93CR
6/10/2015	085654	NORWALK READY MIX CONCRETE	186.00CR
6/10/2015	085655	TRUE VALUE	931.93CR
6/10/2015	085656	VOID CHECK	0.00
6/10/2015	085657	VOID CHECK	0.00
6/10/2015	085658	TRUGREEN*CHEMLAWN-DES MOI	21,105.00CR
6/10/2015	085659	PFC EQUIPMENT	659.42CR
6/10/2015	085660	PIPER JAFFRAY & CO	1,000.00CR
6/10/2015	085661	PLUMB SUPPLY CO. - DM	23.75CR
6/10/2015	085662	ARNOLD MOTOR SUPPLY	90.91CR
6/10/2015	085663	POLK COUNTY TREASURER	3,869.84CR
6/10/2015	085665	POWERPLAN	117.07CR
6/10/2015	085666	RADISH	341.44CR
6/10/2015	085667	RACOM CORPORATION	587.50CR
6/10/2015	085668	SHRED-IT USA	970.60CR
6/10/2015	085669	SPRAYER SPECIALTIES	96.33CR
6/10/2015	085670	STAR EQUIPMENT LTD.	88,735.16CR
6/10/2015	085671	STRAUSS SAFE & LOCK CO.	436.40CR
6/10/2015	085672	TOYOTA OF DES MOINES	165.60CR
6/10/2015	085673	UNITED CONTRACTORS, INC	323.28CR
6/10/2015	085674	CINTAS CORPORATION - #762	387.41CR
6/10/2015	085675	VERIZON WIRELESS, BELLEVU	171.59CR
6/10/2015	085676	VESSCO, INC.	210.00CR
6/10/2015	085677	VAN WALL MOTORSPORTS	66.39CR
6/10/2015	085678	VAN WALL EQUIPMENT	6,712.15CR
6/10/2015	085679	WASTE MANAGEMENT OF IOWA	243.87CR
6/10/2015	085680	WESTMORLAND COMPANY INC	675.98CR
6/10/2015	085681	XENIA RURAL WATER DIST	7,187.08CR
6/10/2015	085682	JUSTIN LEWIS	100.00CR

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6/10/2015	085683	BRETT BARBER	1,190.00CR
6/10/2015	085684	LARSON, STEVE	84.93CR
6/10/2015	085685	CLAUSEN, TYLER	87.01CR
6/10/2015	085686	QUARBERG, SHARLENE	62.74CR
6/10/2015	085687	TRAVNICEK, DAVID/LAU	47.15CR
6/10/2015	085688	ACCURSO, FRANK	53.68CR
6/10/2015	085692	RAY, JORDAN	80.23CR
6/10/2015	085693	MASTERS, ABIGAIL	89.31CR
6/10/2015	085694	GITTINS, MICHAEL	73.67CR
6/10/2015	085695	KOVACEVIC, ANITA	12.43CR
6/10/2015	085696	VAN DE POL, JANICE	46.73CR
6/10/2015	085698	SOFEN, JANET	87.97CR
6/10/2015	085699	QUAD M CONSTRUCTION	1,540.17CR
6/11/2015	064833	SAM'S CLUB	438.37CR
6/12/2015	064834	WALMART	111.98CR
6/12/2015	079960	BYRNES II, DANIEL T	2,455.32CR
6/15/2015	064835	LONGVIEW GOLF CENTRE	300.00CR
6/16/2015	064838	WALMART	59.52CR
6/17/2015	085700	BOUND TREE MEDICAL, LLC	595.57CR
6/17/2015	085701	TYCO INTEGRATED SECURITY	1,544.63CR
6/17/2015	085702	A & W ELECTRIC, INC	2,173.64CR
6/17/2015	085704	ANDRES MEDICAL BILLING	869.00CR
6/17/2015	085706	BEELMAN LOGISTICS LLC	1,692.15CR
6/17/2015	085707	BLUE TARP FINANCIAL	319.98CR
6/17/2015	085709	BSN SPORTS	712.87CR
6/17/2015	085710	CARPENTER UNIFORM COMPANY	119.99CR
6/17/2015	085711	CONTROL SYSTEMS	2,185.51CR
6/17/2015	085712	CONTINENTAL RESEARCH CORP.	205.49CR
6/17/2015	085715	DELL MARKETING L.P.	663.29CR
6/17/2015	085716	BETHANIE LAFFERTY	210.00CR
6/17/2015	085717	FAREWAY STORES, INC.	168.54CR
6/17/2015	085720	FOX ENGINEERING ASSOCIATES	112,308.77CR
6/17/2015	085721	VOID CHECK	0.00
6/17/2015	085722	VOID CHECK	0.00
6/17/2015	085723	VOID CHECK	0.00
6/17/2015	085724	GRAPHIC EDGE	1,051.86CR
6/17/2015	085725	HD SUPPLY WATERWORKS	60.00CR
6/17/2015	085726	HILLYARD	426.98CR
6/17/2015	085727	STATE HYGIENIC LABORATORY-AR	659.50CR
6/17/2015	085728	INTERSTATE BATTERY	26.25CR
6/17/2015	085729	IOWA ONE CALL	418.50CR
6/17/2015	085730	IOWA FIRE EQUIPMENT CO.	2,396.00CR
6/17/2015	085731	IOWA SIGNAL INC	700.00CR
6/17/2015	085732	JIM'S JOHNS	360.00CR
6/17/2015	085733	JOHNSTONE SUPPLY	13.72CR
6/17/2015	085734	KATHRYN A THIELEKE (TRUSTEE)	194,338.08CR
6/17/2015	085735	MAIL SERVICES	2,523.13CR
6/17/2015	085736	MEDIACOM	109.95CR
6/17/2015	085738	METRO WASTE AUTHORITY	1,060.00CR

6/17/2015	085739	MISSISSIPPI LIME CO.	3,943.50CR
6/17/2015	085743	NORTHERN FILTER MEDIA, INC.	2,795.40CR
6/17/2015	085744	AMANDA JENSEN	50.00CR
6/17/2015	085745	OFFICE DEPOT	310.88CR
6/17/2015	085748	POLK CO RECORDER	181.00CR
6/17/2015	085749	POLK COUNTY TREASURER	63,980.00CR
6/17/2015	085750	REICHENBACH FARMS, INC.	700.00CR
6/17/2015	085751	ROYAL PUBLISHING	250.00CR
6/17/2015	085753	TRANS-IOWA EQUIPMENT	544.89CR
6/17/2015	085754	UNITED CONTRACTORS, INC	333.26CR
6/17/2015	085758	USTA	35.00CR
6/17/2015	085759	VERIZON WIRELESS, BELLEVU	984.73CR
6/17/2015	085760	VAN WALL MOTORSPORTS	238.93CR
6/17/2015	085761	WEST SIDE MECHANICS	592.17CR
6/17/2015	085762	WELLMARK BLUE CROSS	23,059.56CR
6/17/2015	085763	WILSON BROS. PEST CONTROL	1,200.00CR
6/17/2015	085764	ZEE MEDICAL INC	243.35CR
6/17/2015	085765	BRIDGES LAWN & LANDSCAPE	8,183.66CR
6/17/2015	085766	MERCER HEALTH & BENEFITS	750.00CR
6/17/2015	085767	DPC INDUSTRIES, INC	48.00CR
6/17/2015	085768	J&K	321,233.00CR
6/17/2015	085769	FIDELITY SECURITY LIFE INSURAN	325.68CR
6/17/2015	085770	VOID CHECK	0.00
6/17/2015	085771	GATEHOUSE MEDIA INC	1,531.81CR
6/17/2015	085772	HOY CONCRETE INC	550.00CR
6/17/2015	064836	VALLEY VIEW AQUATIC	350.00CR
6/19/2015	064837	CLIMB IOWA	558.00CR
6/23/2015	064839	VALLEY VIEW AQUATIC	180.00CR
6/24/2015	079965	DOW, JOSHUA B	465.35CR
6/24/2015	085773	CENTRAL PUMP AND MOTOR	510.00CR
6/24/2015	085774	PRINCIPAL LIFE INSURANCE	323.75CR
6/24/2015	085776	A & W ELECTRIC, INC	4,198.80CR
6/24/2015	085777	A TECH INC.	89.85CR
6/24/2015	085779	AECOM TECHNICAL SERVICES, INC	5,657.02CR
6/24/2015	085780	AIR LIQUIDE AMERICA L.P.	1,111.57CR
6/24/2015	085781	ALLISON MORRIS	198.75CR
6/24/2015	085782	TESTAMERICA LABORATORIES, INC	578.00CR
6/24/2015	085783	AUTOMATIC DOOR GROUP	3,625.00CR
6/24/2015	085784	BAKER & TAYLOR	1,281.60CR
6/24/2015	085785	BANKERS TRUST COMPANY	550.41CR
6/24/2015	085787	CDW GOVERNMENT, INC.	1,348.78CR
6/24/2015	085788	CAPITAL CITY EQUIP. CO.	595.00CR
6/24/2015	085789	CAPITAL SANITARY SUPPLY	13.52CR
6/24/2015	085790	CONTINENTAL RESEARCH CORP.	165.87CR
6/24/2015	085791	CULLIGAN WATER COND.	150.00CR
6/24/2015	085792	DELTA DENTAL OF IOWA	2,257.32CR
6/24/2015	085793	DEMCO	455.45CR
6/24/2015	085794	ELAN FINANCIAL SERVICES	4,810.55CR
6/24/2015	085795	VOID CHECK	0.00

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	6/24/2015	085796	VOID CHECK	0.00
	6/24/2015	085797	EDGE COMMERCIAL	9,449.15CR
	6/24/2015	085798	EMERGENCY APPARATUS MAINT	1,117.71CR
	6/24/2015	085799	FAREWAY STORES, INC.	288.40CR
	6/24/2015	085801	CENTURY LINK	1,283.40CR
	6/24/2015	085803	GRAND CONSULTING	1,204.99CR
	6/24/2015	085804	GREATER DES MOINES CVB	3,709.36CR
	6/24/2015	085805	GRIMES ASPHALT AND PAVING	357.70CR
	6/24/2015	085806	HACH COMPANY	972.52CR
	6/24/2015	085807	RODAN OFFICE CLEANING	425.00CR
	6/24/2015	085808	STATE HYGIENIC LABORATORY-AR	25.50CR
	6/24/2015	085809	IOWA DIVISION LABOR SERV	40.00CR
	6/24/2015	085810	IOWA LEAGUE OF CITIES	3,206.00CR
	6/24/2015	085813	TYLER TECHNOLOGIES	125.00CR
	6/24/2015	085814	KECK INC	988.27CR
	6/24/2015	085816	LOGAN CONTRACTORS SUPPLY	419.94CR
	6/24/2015	085817	MAIL SERVICES	72.09CR
	6/24/2015	085822	MIDAMERICAN ENERGY CO.	9,807.99CR
	6/24/2015	085823	MUNICIPAL EMERGENCY SERV.	108.09CR
	6/24/2015	085824	NORWALK READY MIX CONCRETE	186.00CR
	6/24/2015	085825	OCLC, INC	138.97CR
	6/24/2015	085826	OFFICE DEPOT	574.43CR
	6/24/2015	085832	POLK COUNTY TREASURER	1,106.25CR
	6/24/2015	085833	RANKIN COMMUNICATION	343.40CR
	6/24/2015	085835	TK CONCRETE	1,995.00CR
	6/24/2015	085837	STRAUSS SAFE & LOCK CO.	6.00CR
	6/24/2015	085838	UNIQUE MANAGEMENT SERVICE	17.90CR
	6/24/2015	085839	UNITED CONTRACTORS, INC	402.12CR
	6/24/2015	085841	US POSTMASTER	82.00CR
	6/24/2015	085842	VOGUE	40.00CR
	6/24/2015	085843	WHITFIELD & EDDY	32,974.82CR
	6/24/2015	085844	WILSON BROS. PEST CONTROL	1,200.00CR
	6/24/2015	085845	BRODART CO	43.93CR
	6/25/2015	064845	WALMART	70.65CR
	6/29/2015	064846	PETTY CASH	110.42CR
	6/30/2015	085867	VOID CHECK	0.00
	6/30/2015	064827	KELLEY BROWN	350.00CR
	6/30/2015	064832	PRINCIPAL LIFE INSURANCE	152.58CR
	6/30/2015	064844	PRINCIPAL LIFE INSURANCE	27.22CR
TOTAL CLEARED CHECKS:				1,862,066.45CR

CLEARED OTHER:

3/30/2015	000006	AFSCME	35.10CR
5/01/2015	000001	IOWA DEPT OF REVENUE	5.00CR
5/01/2015	000002	IOWA PUBLIC EMPLOYEES RET	35.31CR
5/11/2015		IOWA PUBLIC EMPLOYEES RET	3,597.44CR
5/11/2015	000002	AFSCME	157.95CR

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5/11/2015	000003	IOWA PUBLIC EMPLOYEES RET	8,048.15CR
5/11/2015	000006	IOWA DEPT OF REVENUE	3,283.00CR
5/11/2015	000007	IOWA PUBLIC EMPLOYEES RET	381.50CR
5/11/2015	000009	IOWA DEPT OF REVENUE	96.00CR
5/26/2015		IOWA PUBLIC EMPLOYEES RET	2,571.39CR
5/26/2015	000002	AFSCME	157.95CR
5/26/2015	000003	IOWA PUBLIC EMPLOYEES RET	7,863.24CR
5/26/2015	000006	IOWA DEPT OF REVENUE	2,971.00CR
5/26/2015	000007	IOWA PUBLIC EMPLOYEES RET	56.65CR
5/26/2015	000009	IOWA DEPT OF REVENUE	7.00CR
5/26/2015	000010	IOWA PUBLIC EMPLOYEES RET	66.72CR
6/08/2015		IOWA PUBLIC EMPLOYEES RET	3,595.76CR
6/08/2015	000001	PRINCIPAL LIFE INSURANCE	80.37CR
6/08/2015	000003	IOWA PUBLIC EMPLOYEES RET	8,207.46CR
6/08/2015	000004	BANKERS TRUST COMPANY	19,791.55CR
6/08/2015	000005	COLLECTION SERVICES CENTE	348.46CR
6/08/2015	000006	IOWA DEPT OF REVENUE	3,274.00CR
6/08/2015	000007	IOWA PUBLIC EMPLOYEES RET	224.30CR
6/08/2015	000008	IOWA PUBLIC EMPLOYEES RET	56.65CR
6/08/2015	000009	BANKERS TRUST COMPANY	462.25CR
6/09/2015		IOWA DEPT OF REVENUE	10,877.00CR
6/10/2015		PAYROLL DIRECT DEPOSIT	58,224.63CR
6/18/2015		IOWA PUBLIC EMPLOYEES RET	245.98CR
6/18/2015	000001	BANKERS TRUST COMPANY	1,251.21CR
6/18/2015	000002	IOWA DEPT OF REVENUE	197.00CR
6/19/2015			3,232.37CR
6/22/2015		IOWA PUBLIC EMPLOYEES RET	2,637.87CR
6/22/2015	000001	PRINCIPAL LIFE INSURANCE	58.71CR
6/22/2015	000003	IOWA PUBLIC EMPLOYEES RET	6,953.15CR
6/22/2015	000004	BANKERS TRUST COMPANY	16,257.27CR
6/22/2015	000006	IOWA DEPT OF REVENUE	2,726.00CR
6/22/2015	000007	IOWA PUBLIC EMPLOYEES RET	3,920.13CR
6/22/2015	000008	IOWA PUBLIC EMPLOYEES RET	82.73CR
6/22/2015	000009	BANKERS TRUST COMPANY	8,341.48CR
6/22/2015	000010	IOWA DEPT OF REVENUE	1,313.00CR
6/22/2015	000011	PRINCIPAL LIFE INSURANCE	21.66CR
6/22/2015	000012	IOWA PUBLIC EMPLOYEES RET	655.35CR
6/22/2015	000013	BANKERS TRUST COMPANY	1,294.75CR
6/22/2015	000014	IOWA DEPT OF REVENUE	236.00CR
6/23/2015		HEARTLAND PAYMENT SYSTEMS	262.80CR
6/23/2015	000001	ETS CORPORATION	1,578.78CR
6/23/2015	000002	BANKERS TRUST-CORPORATE TRUST	2,018,184.39CR
6/23/2015	000003	IOWA FINANCE AUTHORITY	792,645.69CR
6/24/2015		PAYROLL DIRECT DEPOSIT	45,733.54CR
6/24/2015	000001	PAYROLL DIRECT DEPOSIT	2,926.75CR
6/24/2015		IOWA DEPT OF REVENUE	69.00CR
6/30/2015		IOWA DEPT OF REVENUE	9,924.00CR
6/30/2015		year end adjustments	3,232.37CR
6/30/2015	000001		58.45

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6/30/2015	000002		26.54
6/30/2015	000001	BANKERS TRUST COMPANY	49,795.54CR
6/30/2015	000002	IOWA DEPT OF REVENUE	9,831.28CR
6/30/2015	000003	IOWA PUBLIC EMPLOYEES RET	3,208.73CR
6/30/2015	000004	CHARTER BANK	424.53CR
6/30/2015	000003		3,232.37
6/30/2015	000005	IOWA PUBLIC EMPLOYEES RET	103.09CR
6/30/2015	000004		702,651.00
6/30/2015	000005		702,651.00CR
6/30/2015	000006	BANKERS TRUST COMPANY	19,561.53CR
6/30/2015	000006	fixing this	19,540.53
6/30/2015	000007	fixing this	22,310.23CR
6/30/2015	000008		58.97
6/30/2015	000009		35.10
TOTAL CLEARED OTHER:			3,140,740.78CR

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TSTANDING DEPOSITS:

6/29/2015		CREDIT CARD 6/29/2015	642.57
6/29/2015	000003	Online Payment 6/29/2015	5,252.66
6/30/2015		CREDIT CARD 6/30/2015	1,269.80
6/30/2015	000002	Online Payment 6/30/2015	2,267.52
TOTAL OUTSTANDING DEPOSITS:			9,432.55

TSTANDING CHECKS:

5/14/2014	077249	COOK, COREY	84.49CR
6/10/2014	077458	SHEEDER, ROBERT	92.34CR
6/10/2014	077464	BELGER, SCOTT	9.88CR
7/09/2014	077729	ERICKSON, DON	138.93CR
9/25/2014	078281	WESTBROOKE CONSTRUCT	152.00CR
11/13/2014	079072	MAIN STREET MOTORS	44.49CR
11/25/2014	079296	MAIN STREET MOTORS	44.49CR
12/10/2014	079393	OLSON, JAMES	26.72CR
12/10/2014	079401	BRAUNE, BRANDI	88.22CR
1/14/2015	079616	HAYS, KATE	0.57CR
1/14/2015	079628	WARBURTON, DAVID	24.38CR
2/11/2015	079742	BREADEAUX	98.25CR
2/11/2015	079838	DOW, COREY	82.20CR
2/11/2015	079839	BEVER, JEREMY	79.29CR
2/11/2015	079842	HERSOM, BRETT	100.00CR
2/11/2015	079843	HAYS, KATE	100.00CR
2/24/2015	079885	KARALEE KERR	54.32CR
3/11/2015	085096	WELKE, EMILY	89.91CR
3/25/2015	085174	SAUERMAN TRUCKING	2,537.64CR
4/15/2015	085199	AMERICAN PUBLIC WORKS ASS	150.00CR
4/15/2015	085285	HALL, TRISTA	2.56CR
5/27/2015	085498	WARRIOR LANES	150.00CR
5/27/2015	085511	DES MOINES AREA MPO	8,246.00CR
5/27/2015	085567	CHARLES ERICSON	6,000.00CR
5/27/2015	085579	TIM READ	200.00CR
5/27/2015	085590	BLANK PARK ZOO	180.00CR
6/08/2015	064828	MERLE HAY LANES	264.00CR
6/10/2015	079958	BROOKS, JAMES	875.79CR
6/10/2015	085640	LAYNE CHRISTENSEN CO.	92,143.10CR
6/10/2015	085664	PRAXAIR DISTRIBUTION INC.	42.55CR
6/10/2015	085689	LEWIS, JESSICA	15.28CR
6/10/2015	085690	ASHLEY, LISA	55.70CR
6/10/2015	085691	MANLY, CINDY	80.41CR
6/10/2015	085697	GULLEY, JAMES	43.95CR
6/17/2015	085703	ACCU JET	470.00CR
6/17/2015	085705	BDI SIGNS	300.00CR
6/17/2015	085708	BREADEAUX	25.00CR
6/17/2015	085713	DALLAS COUNTY ROAD DEPT.	3,579.49CR

6/17/2015	085714	DOCTORS NOW	75.00CR
6/17/2015	085718	FINISH LINE BODY & PAINT	144.75CR
6/17/2015	085719	FISH WINDOW CLEANING	200.00CR
6/17/2015	085737	MENARDS	295.70CR
6/17/2015	085740	MOSS BROS., INC.	149.94CR
6/17/2015	085741	MUNICIPAL EMERGENCY SERV.	119.29CR
6/17/2015	085742	MUNICIPAL FLEET SOLUTIONS	2,697.78CR
6/17/2015	085746	TRUE VALUE	701.31CR
6/17/2015	085747	PITNEY BOWES, INC.	105.00CR
6/17/2015	085752	SYDNEY R. LEACH	1,250.00CR
6/17/2015	085755	UNITYPOINT HEALTH-DES MOINES	17.60CR
6/17/2015	085756	US WATER	55,447.42CR
6/17/2015	085757	CINTAS CORPORATION - #762	291.89CR
6/24/2015	079961	MCANDREW, SEAN P	7,998.86CR
6/24/2015	079962	SPRAGUE, MATTHEW D	287.05CR
6/24/2015	079963	WHEELER, TY M	3,987.82CR
6/24/2015	079964	WINTER, ANDREW D	1,574.32CR
6/24/2015	085775	APEX ATHLETICS, INC	1,312.00CR
6/24/2015	085778	ACCU JET	470.00CR
6/24/2015	085786	BEN STERBENZ	255.00CR
6/24/2015	085800	KARALEE KERR	47.15CR
6/24/2015	085802	MICHAEL PORTER	30.00CR
6/24/2015	085811	IOWA GARDENER	31.95CR
6/24/2015	085812	IOWA PRISON INDUSTRIES	502.50CR
6/24/2015	085815	LIBRARY IDEAS	3,000.00CR
6/24/2015	085818	MAD MAGAZINE	29.99CR
6/24/2015	085819	MEDIACOM	159.90CR
6/24/2015	085820	MENARDS	601.66CR
6/24/2015	085821	MICHELLE HURT	31.50CR
6/24/2015	085827	OPRAH MAGAZINE	69.90CR
6/24/2015	085828	OUR IOWA	32.98CR
6/24/2015	085829	TRUE VALUE	301.53CR
6/24/2015	085830	PETERSON PEST & TERMITE	35.00CR
6/24/2015	085831	PITNEY BOWES, INC.	20.05CR
6/24/2015	085834	SECRETARY OF STATE	30.00CR
6/24/2015	085840	CINTAS CORPORATION - #762	134.40CR
6/24/2015	085846	KNOX COMPANY	5,700.00CR
6/24/2015	085847	DANI DUNPHY	82.87CR
6/24/2015	085848	ROB MATHIEU	500.00CR
6/24/2015	064840	IOWA CUBS SPORTS TURF MGT.	259.00CR
6/26/2015	064841	KIL'N TIME STUDIO	475.00CR
6/30/2015	085849	CENTRAL PUMP AND MOTOR	2,120.00CR
6/30/2015	085850	A & W ELECTRIC, INC	2,196.99CR
6/30/2015	085851	ACCU JET	470.00CR
6/30/2015	085852	AIR LIQUIDE AMERICA L.P.	1,261.04CR
6/30/2015	085853	AIR CLEANING TECHNOLOGIES	306.40CR
6/30/2015	085854	AMERICAN LIBRARY ASSN.	74.00CR
6/30/2015	085855	BAKER ELECTRIC, INC.	332.13CR
6/30/2015	085856	BAKER & TAYLOR	2,059.93CR

6/30/2015	085857	BLACK HILLS ENERGY	541.76CR
6/30/2015	085858	BDI SIGNS	290.00CR
6/30/2015	085859	BEELMAN LOGISTICS LLC	1,810.14CR
6/30/2015	085860	CARPENTER UNIFORM COMPANY	15.99CR
6/30/2015	085861	DANKO EMERGENCY EQUIPMENT	2,912.70CR
6/30/2015	085862	DELL MARKETING L.P.	1,417.65CR
6/30/2015	085863	DEMCO	1,311.60CR
6/30/2015	085864	DES MOINES STEEL FENCE	87.80CR
6/30/2015	085865	EDC EDUCATIONAL SERVICES	380.65CR
6/30/2015	085866	ELAN FINANCIAL SERVICES	383.95CR
6/30/2015	085868	HOME DEPOT CREDIT SERVICE	550.09CR
6/30/2015	085869	HODGES BADGE COMPANY	126.45CR
6/30/2015	085870	FAREWAY STORES, INC.	55.20CR
6/30/2015	085872	CENTURY LINK	131.56CR
6/30/2015	085873	GOLDEN CIRCLE MUNCIPAL	35.00CR
6/30/2015	085874	GRAINGER	23.43CR
6/30/2015	085875	GRAPHIC EDGE	45.30CR
6/30/2015	085876	GRIMES CHAMBER & ECONOMIC DEV	46,751.58CR
6/30/2015	085877	HACH COMPANY	5,248.00CR
6/30/2015	085878	HANIFEN CO., INC.	325.00CR
6/30/2015	085879	HAWKEYE TRUCK EQUIPMENT	1,975.00CR
6/30/2015	085880	HAWKINS WATER TREATMENT	3,060.00CR
6/30/2015	085881	HD SUPPLY WATERWORKS	107.14CR
6/30/2015	085882	RODAN OFFICE CLEANING	850.00CR
6/30/2015	085883	HILLYARD	129.00CR
6/30/2015	085884	IOWA DIVISION LABOR SERV	120.00CR
6/30/2015	085885	IOWA PRISON INDUSTRIES	1,035.60CR
6/30/2015	085886	JETCO, INC.	852.00CR
6/30/2015	085887	LEAF	45.18CR
6/30/2015	085888	MINITEX	130.50CR
6/30/2015	085889	MENARDS	19.99CR
6/30/2015	085890	MIDWEST OFFICE TECHNOLOGY	105.60CR
6/30/2015	085891	MIDAMERICAN ENERGY CO.	1,918.80CR
6/30/2015	085892	MISSISSIPPI LIME CO.	3,600.00CR
6/30/2015	085893	MOSS BROS., INC.	8.94CR
6/30/2015	085894	MUNICIPAL SUPPLY, INC.	5,730.25CR
6/30/2015	085895	OFFICE DEPOT	124.38CR
6/30/2015	085896	OVERDRIVE, INC	2,615.20CR
6/30/2015	085897	TRUE VALUE	551.95CR
6/30/2015	085898	PRAXAIR DISTRIBUTION INC.	43.67CR
6/30/2015	085899	RACOM CORPORATION	587.50CR
6/30/2015	085900	STAR	77.48CR
6/30/2015	085901	STIVERS FORD	163.72CR
6/30/2015	085902	STRAUSS SAFE & LOCK CO.	122.00CR
6/30/2015	085903	TAXPAYERS ASSOCIATION OF CENTR	900.00CR
6/30/2015	085904	CINTAS CORPORATION - #762	345.90CR
6/30/2015	085905	VERIZON WIRELESS, BELLEVU	319.10CR
6/30/2015	085906	COLUMBIA SOUTHERN UNIVERSITY	150.00CR
6/30/2015	085907	WASTE MANAGEMENT OF IOWA	243.30CR

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

6/30/2015	085908	WEST SIDE MECHANICS	1,842.70CR
6/30/2015	085909	WEBSPEC DESIGN	7,820.00CR
6/30/2015	085910	CANOYER GARDEN CENTER	1,471.28CR
6/30/2015	085911	COLE-PARMER	391.33CR
6/30/2015	085912	COLIBRI SYSTEMS NORTH AMERICA,	5,354.00CR
TOTAL OUTSTANDING CHECKS:			320,203.91CR

TSTANDING OTHER:

5/14/2014	999999	CRUM, GINA M	16.97
11/12/2014	999999	GRIFFIN, TROY	284.55
6/08/2015	000002	AFSCME	157.95CR
6/22/2015	000002	AFSCME	140.40CR
6/22/2015	000005	COLLECTION SERVICES CENTE	272.30CR
TOTAL OUTSTANDING OTHER:			269.13CR

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

IDED CHECKS:

6/24/2015	085836	STAR EQUIPMENT LTD.	VOIDED	77.48CR	VOIDED	6/24/2015
6/30/2015	085871	FIRE SERVICE TRAINING-TR	VOIDED	1,655.00CR	VOIDED	6/30/2015
TOTAL VOIDED CHECKS:				1,732.48CR		

PERIOD: 6/01/2015 - 6/30/2015

ACCOUNT: 999-111 POOLED CASH

ADJUSTMENTS:

TYPE	REF	DATE	DESCRIPTION	GL ACCOUNT	ACCOUNT NAME	CASH	OTHER
MISC	DB	6/30/2015	done	999-111	POOLED CASH	361.81CR	
				600-4-810-1-4500.10	WATER - COLLECTIONS PER		361.81
MISC	DB	6/30/2015	done	999-111	POOLED CASH	387.39CR	
				600-4-810-1-4500.10	WATER - COLLECTIONS PER		387.39
MISC	CR	6/30/2015	rev in July	999-111	POOLED CASH	261.08	
				600-4-810-1-4500.10	WATER - COLLECTIONS PER		261.08CR
MISC	CR	6/30/2015	rev in july	999-111	POOLED CASH	2,550.95	
				600-4-810-1-4500.10	WATER - COLLECTIONS PER		2,550.95CR
MISC	DB	6/30/2015	rev in July	999-111	POOLED CASH	196.15CR	
				001-5-430-6010	PARKS - WAGES		196.15
	TOTAL ADJUSTMENTS:					1,866.68	1,866.68CR

==========G / L T O T A L S==========

G/L ACCOUNT	NAME	AMOUNT
001-100	CLAIM ON CASH	196.15CR
001-5-430-6010	PARKS - WAGES	196.15
600-100	CLAIM ON CASH	2,062.83
600-4-810-1-4500.10	WATER - COLLECTIONS PER BILLIN	2,062.83CR
999-111	POOLED CASH	1,866.68
999-210	DUE TO OTHER FUNDS	1,866.68CR

PERIOD: 6/01/2015 - 6/30/2015

COUNT: 999-111 POOLED CASH

ERROR LISTING

TAL ERRORS: 0

END OF REPORT **

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

01-GENERAL FUND

100.00% OF FISCAL YEAR

EVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
EPT 000						
01-4-000-1-4550	GCP PARK DEVELOPMENT	0.00	0.00	0.00	0.00	0.00
01-4-000-1-4715	GEN. OTHER REVENUE	705,000.00	702,025.00	706,231.14	100.17	(1,231.14)
01-4-000-1-4715.1	GEN. OTHER REV - MISC SALES	0.00	0.00	3,155.25	0.00	(3,155.25)
01-4-000-1-4715.3	GEN. OTHER REV MISC REFUNDS	10,000.00	0.00	4,879.29	48.79	5,120.71
01-4-000-1-4761	GEN. OTHER REV- MISC SALES	20,000.00	86.25	20,492.74	102.46	(492.74)
01-4-000-1-4762	GEN. OTHER REV MISC FINES/FEES	3,500.00	0.00	3,180.90	90.88	319.10
01-4-000-2-4300.2	GCP - PARKS DEV INVESTMENT INT	0.00	0.00	0.00	0.00	0.00
01-4-000-2-4433	GEN. LIQUOR PROFITS	6,000.00	825.00	8,607.50	143.46	(2,607.50)
01-4-000-2-4710	SCHOOL PATROL - EXPENSE SHARIN	0.00	0.00	0.00	0.00	0.00
01-4-000-4-4000	GEN. PROPERTY TAXES	3,590,009.00	(16,590.20)	3,553,302.08	98.98	36,706.92
01-4-000-4-4000.1	GEN. TAX - HOMESTEAD CREDIT	0.00	0.00	0.00	0.00	0.00
01-4-000-4-4000.21	SPEC REV - EXCISE TAX	0.00	0.00	0.00	0.00	0.00
01-4-000-4-4000.3	GEN. TAX - MILITARY TAX	500.00	0.00	785.40	157.08	(285.40)
01-4-000-4-4000.4	HOMESTEAD	100,000.00	(117.86)	90,141.54	90.14	9,858.46
01-4-000-4-4830	GEN. XFRS <Emergency Fund	0.00	0.00	0.00	0.00	0.00
01-4-000-4-4830.1	GEN. XFRS < SPEC REV H&M INSUR	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 000		4,435,009.00	686,228.19	4,390,775.84	99.00	44,233.16
EPT 001						
01-4-001-4-4000.11	SPEC REV EMPLOYEE BEN TXS W/C	360,153.00	(42,737.15)	360,153.00	100.00	0.00
01-4-001-4-4000.12	SPEC REV EMPLOYEE BEN TXS FICA	157,839.00	0.00	157,839.00	100.00	0.00
01-4-001-4-4000.13	SPEC REV EMPLOYEE BEN TXS IPER	169,008.00	33,917.24	173,063.56	102.40	(4,055.56)
01-4-001-4-4000.2	GEN. TAX - DISABLED	500.00	0.00	668.21	133.64	(168.21)
01-4-001-4-4000.20	GEN EXCISE TAX UTILITY REPLACE	137,216.00	151.93	142,954.99	104.18	(5,738.99)
01-4-001-4-4001	GEN. TAX DELIQUENT	1,000.00	32.60	1,199.12	119.91	(199.12)
01-4-001-4-4003	AG. TAXES	9,941.00	(191.41)	9,901.57	99.60	39.43
01-4-001-4-4013	INSURANCE FUND PROPERTY TAX RE	70,000.00	477.92	71,813.32	102.59	(1,813.32)
01-4-001-4-4065	GEN REPLACEMENT CLAIM	85,170.00	41,962.73	125,041.62	146.81	(39,871.62)
01-4-001-4-4080	GEN. TAX MOBILE HOME	15,000.00	708.29	14,679.37	97.86	320.63
TOTAL DEPT 001		1,005,827.00	34,322.15	1,057,313.76	105.12	(51,486.76)
EPT 002						
01-4-002-1-4100	GEN. BEER PERMITS	0.00	0.00	0.00	0.00	0.00
01-4-002-1-4105	GEN. CIGARETTE PERMITS	525.00	75.00	825.00	157.14	(300.00)
01-4-002-1-4110	GEN. CODE & LICENSE	1,000.00	0.00	0.00	0.00	1,000.00
01-4-002-1-4120	GEN. BUILDING PERMITS	570,000.00	54,244.00	631,773.00	110.84	(61,773.00)
01-4-002-1-4120.1	GCP PARKS DEVELOPMENT BLDG PER	20,000.00	0.00	21,675.97	108.38	(1,675.97)
01-4-002-1-4180	GEN. DOG LICENSES	500.00	55.00	940.00	188.00	(440.00)
TOTAL DEPT 002		592,025.00	54,374.00	655,213.97	110.67	(63,188.97)
EPT 003						
01-4-003-4-4300	GEN. INTEREST	15,000.00	1,159.83	14,215.74	94.77	784.26
TOTAL DEPT 003		15,000.00	1,159.83	14,215.74	94.77	784.26
EPT 004						
01-4-004-4-4431	GEN - BANK FRANCHISE FEE	43,038.00	0.00	43,038.05	100.00	(0.05)
01-4-004-4-4432	GEN. STATE ASSISTANCE	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 004		43,038.00	0.00	43,038.05	100.00	(0.05)

01-GENERAL FUND

100.00% OF FISCAL YEAR

EVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
EPT 007						
01-4-007-4-4340	CITY PROPERTY SALES REVENUE	11,500.00	1,900.00	13,400.00	116.52	(1,900.00)
TOTAL DEPT 007		11,500.00	1,900.00	13,400.00	116.52	(1,900.00)
OLICE						
01-4-110-1-4765	POLICE - TICKET FINES	2,000.00	50.00	1,850.00	92.50	150.00
TOTAL POLICE		2,000.00	50.00	1,850.00	92.50	150.00
IRE						
01-4-150-1-4500	GCP - FIRE CAPITAL IMPROVEMENT	0.00	0.00	0.00	0.00	0.00
01-4-150-1-4500.2	GEN. FIRE & RESCUE	200,000.00	31,760.63	212,940.28	106.47	(12,940.28)
01-4-150-2-4300	GCP FIRE CAPITAL IMPROVEMENT I	0.00	0.00	0.00	0.00	0.00
01-4-150-2-4705	GEN. STREETS	0.00	0.00	0.00	0.00	0.00
01-4-150-4-4300.1	GEN - CEMETERY INVEST INTEREST	100.00	0.00	0.00	0.00	100.00
01-4-150-4-4830.15	GCP RESCUE EQUIPMENT INVESTMEN	0.00	0.00	0.00	0.00	0.00
TOTAL FIRE		200,100.00	31,760.63	212,940.28	106.42	(12,840.28)
UILDING INSPECTIONS						
01-4-170-1-4550.3	BLDG DEVELOPMENT FEES	290,000.00	15,884.45	265,851.37	91.67	24,148.63
01-4-170-1-4772	ENFORCEMENT FEES	600.00	0.00	300.00	50.00	300.00
TOTAL BUILDING INSPECTIONS		290,600.00	15,884.45	266,151.37	91.59	24,448.63
EPT 405						
01-4-405-4-4000.14	SPEC REV - HOTEL/MOTEL TAX	60,000.00	12,982.76	66,391.29	110.65	(6,391.29)
TOTAL DEPT 405		60,000.00	12,982.76	66,391.29	110.65	(6,391.29)
IBRARY SERVICES						
001-4-410-1-4555	GEN. LIBRARY	12,000.00	1,376.89	13,481.71	112.35	(1,481.71)
001-4-410-2-4470	LIBRARY - COUNTY TAXES	27,588.00	0.00	27,588.00	100.00	0.00
TOTAL LIBRARY SERVICES		39,588.00	1,376.89	41,069.71	103.74	(1,481.71)
ARKS						
001-4-430-1-4550.1	GEN. PARKS	140,000.00	14,162.04	159,906.62	114.22	(19,906.62)
TOTAL PARKS		140,000.00	14,162.04	159,906.62	114.22	(19,906.62)
EMETERY						
001-4-450-4-4740	GEN - CEMETERY SALES	9,000.00	2,243.18	9,865.90	109.62	(865.90)
TOTAL CEMETERY		9,000.00	2,243.18	9,865.90	109.62	(865.90)
RANSFERS OUT						
001-4-910-4-4830.2	GEN. XFRS < SPEC REV WORK COMP	460,153.00	392,804.00	392,804.00	85.36	67,349.00
001-4-910-4-4830.25	GCP FIRE XFR < GEN FUND AMBUL	0.00	0.00	0.00	0.00	0.00
001-4-910-4-4830.26	GCP FIE XFR < GEN FIRE TRUCK	0.00	0.00	0.00	0.00	0.00
001-4-910-4-4830.3	GEN. XFRS < SPEC REV FICA	140,839.00	140,839.00	140,839.00	100.00	0.00
001-4-910-4-4830.4	GEN. XFRS < SPEC REV IPERS/RET	169,008.00	169,008.00	169,008.00	100.00	0.00
001-4-910-4-4830.5	GEN. XFRS INSUR < SPEC REV EME	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		770,000.00	702,651.00	702,651.00	91.25	67,349.00
OTAL REVENUES		7,613,687.00	1,559,095.12	7,634,783.53	100.28	(21,096.53)

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

0-ROAD USE TAX

100.00% OF FISCAL YEAR

VENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
PT 211						
0-4-211-4-4000	ROAD USE TAX	830,000.00	92,521.12	854,439.65	102.94	(24,439.65)
TOTAL DEPT 211		830,000.00	92,521.12	854,439.65	102.94	(24,439.65)
TAL REVENUES		830,000.00	92,521.12	854,439.65	102.94	(24,439.65)

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

119-SPEC REV GOAL XFRS PARK

100.00% OF FISCAL YEAR

REVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
cept 000						
119-4-000-4-4000	EMERGENCY PROPERTY TAXES	127,608.00	871.58	130,969.34	102.63	(3,361.34)
TOTAL cept 000		127,608.00	871.58	130,969.34	102.63	(3,361.34)
TOTAL REVENUES		127,608.00	871.58	130,969.34	102.63	(3,361.34)

CITY OF GRIMES
REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

120-SPEC REV METRO WEST GRANT

100.00% OF FISCAL YEAR

REVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
DEPT 000						
120-4-000-2-4401	SPEC REV -REPLACEMENT CLAIM	13,510.00	13,510.00	13,510.00	100.00	0.00
TOTAL DEPT 000		13,510.00	13,510.00	13,510.00	100.00	0.00
AMBULANCE						
120-4-160-2-4411	SPEC REV - Fire & Res Aux	0.00	22,310.23	22,310.23	0.00	(22,310.23)
TOTAL AMBULANCE		0.00	22,310.23	22,310.23	0.00	(22,310.23)
DEPT 300						
120-4-300-2-4404	SPEC REV - FIRE DEPT FEMA GRAN	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 300		0.00	0.00	0.00	0.00	0.00
TRANSFERS OUT						
120-4-910-4-4830.2	SPEC REV XRF < FIRE DEPT GENER	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		0.00	0.00	0.00	0.00	0.00
TOTAL REVENUES		13,510.00	35,820.23	35,820.23	265.14	(22,310.23)

-TIF

100.00% OF FISCAL YEAR

'ENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE - ACTUAL	% OF BUDGET	BUDGET BALANCE
PT 000						
5-4-000-4-4000	TIF TAXES FROM MOBILE HOME TAX	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 000		0.00	0.00	0.00	0.00	0.00
PT 405						
5-4-405-4-4000.1	TIF PROP. TAXES FOR S 11TH PRO	100,000.00	(32,584.17)	100,000.00	100.00	0.00
5-4-405-4-4000.2	TIF PROP. TAXES FOR PARK SYSTE	195,966.00	0.00	195,966.00	100.00	0.00
5-4-405-4-4000.3	TIF PROP. TAXES RIGHT STUF	14,108.00	0.00	14,108.74	100.01	(0.74)
5-4-405-4-4000.5	TIF PROP TAXES FOR 2003 BONDS	92,960.00	0.00	92,960.00	100.00	0.00
5-4-405-4-4000.6	TIF PROP TAXES 2007 BOND	93,702.00	0.00	93,702.00	100.00	0.00
5-4-405-4-4000.7	TIF PROP TAXES 2009 BOND ISSUE	504,807.00	0.00	504,807.00	100.00	0.00
5-4-405-4-4000.8	TIF PROP TAXES ALL POINTS	276,840.00	45,735.16	294,006.12	106.20	(17,166.12)
5-4-405-4-4000.87	TIF PROP TAXES	2,703.00	2,703.00	2,703.00	100.00	0.00
TOTAL DEPT 405		1,281,086.00	15,853.99	1,298,252.86	101.34	(17,166.86)
TAL REVENUES		1,281,086.00	15,853.99	1,298,252.86	101.34	(17,166.86)

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

160-T & A FUNTASTIC DAYS

100.00% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
ECONOMIC DEVELOPMENT					
160-4-520-2-4309 GEN - ECON DEV REVOLVING INTER	6,800.00	460.11	5,521.32	81.20	1,278.68
TOTAL ECONOMIC DEVELOPMENT	6,800.00	460.11	5,521.32	81.20	1,278.68
TOTAL REVENUES	6,800.00	460.11	5,521.32	81.20	1,278.68

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

200-DEBT SERVICE

100.00% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
DEPT 000					
200-4-000-4-4000.11 DS XFRS < TIF FOR 2012 BOND	195,966.00	0.00	195,966.00	100.00	0.00
TOTAL DEPT 000	195,966.00	0.00	195,966.00	100.00	0.00
DEBT SERVICE					
200-4-710-4-4000.1 DS - XFR KB CRC	276,840.00	0.00	276,840.00	100.00	0.00
200-4-710-4-4000.12 DS XFRS < TIF RIGHT STUF	14,108.00	0.00	14,108.00	100.00	0.00
200-4-710-4-4000.13 DS XFRS < TIF 2003 BONDS	92,960.00	0.00	92,960.00	100.00	0.00
200-4-710-4-4000.18 DS XFR < T & A HOMESTEAD FOR W	2,700,000.00	0.00	2,700,000.00	100.00	0.00
200-4-710-4-4000.19 DS - REPLACEMENT CLAIM	30,656.00	30,656.00	30,656.00	100.00	0.00
200-4-710-4-4000.2 DS - XFR RUT Plow/Street/End	73,377.00	0.00	73,377.00	100.00	0.00
200-4-710-4-4000.21 DS XFR <TIF 200 MAIN	2,703.00	0.00	2,703.00	100.00	0.00
200-4-710-4-4000.22 DX XFR < TIF 2007 BOND ISSUE	93,702.00	0.00	93,702.00	100.00	0.00
200-4-710-4-4000.23 DX XFR < TIF 2009 BOND	504,807.00	0.00	504,807.00	100.00	0.00
200-4-710-4-4000.3 DS - 2009/2001	758,371.00	14,641.47	758,371.00	100.00	0.00
200-4-710-4-4000.4 DS - 200/2015 BOND ISSUE	375,558.00	(33,664.06)	381,272.72	101.52	(5,714.72)
200-4-710-4-4000.5 DS -EQUIPMENT	453,040.00	0.00	453,040.00	100.00	0.00
200-4-710-4-4000.6 DS - 2003/2012	321,755.00	(690.80)	322,445.80	100.21	(690.80)
200-4-710-4-4000.8 DS - SPECIAL ASSESSMENT	100,000.00	0.00	161,553.52	161.55	(61,553.52)
200-4-710-4-4000.9 DS INVESTMENT INTEREST	119,921.00	0.06	119,920.95	100.00	0.05
TOTAL DEBT SERVICE	5,917,798.00	10,942.67	5,985,756.99	101.15	(67,958.99)
TOTAL REVENUES	6,113,764.00	10,942.67	6,181,722.99	101.11	(67,958.99)

-CAPITAL OUTLAY

100.00% OF FISCAL YEAR

ENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
PT 000						
0-4-000-2-4700.3	CP - CHANNEL IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 000		0.00	0.00	0.00	0.00	0.00
RKS						
0-4-430-2-4700	CP - PARKS	1,400,000.00	1,400,000.00	1,400,000.00	100.00	0.00
TOTAL PARKS		1,400,000.00	1,400,000.00	1,400,000.00	100.00	0.00
YOR,COUNCIL,MANAGER						
0-4-610-1-4300.2	CP WATER CAP IMPROV RESERVE IN	0.00	0.00	0.00	0.00	0.00
TOTAL MAYOR,COUNCIL,MANAGER		0.00	0.00	0.00	0.00	0.00
PITAL PROJECTS						
0-4-750-1-4320	CP WATER CAPITAL IMPROVEMENT R	32,000.00	3,976.00	38,519.50	120.37	(6,519.50)
0-4-750-1-4500.1	CP SEWER PROJECT	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4700	CP - GCC	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4820	CP - ROAD DEVELOPMENT	8,400,000.00	6,582,736.25	7,272,173.39	86.57	1,127,826.61
0-4-750-2-4820.2	CP - IA 44 IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4820.3	CP - HWY 141/62 DIV 3	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4820.4	CP - COMP PLAN	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4820.5	CP - MAIN STREET	0.00	0.00	0.00	0.00	0.00
0-4-750-2-4820.6	CP - STORM WATER	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL PROJECTS		8,432,000.00	6,586,712.25	7,310,692.89	86.70	1,121,307.11
ANSFERS OUT						
0-4-910-1-4830.1	CP - XFR WATER UTILITY	400,000.00	0.00	400,000.00	100.00	0.00
0-4-910-1-4830.2	CP SEWER XFR < SEWER TAPPING	0.00	0.00	0.00	0.00	0.00
0-4-910-2-4830.1	CP - XFR to STORM FR UTILITY	100,000.00	0.00	100,000.00	100.00	0.00
0-4-910-2-4830.2	CP - XFR RUT HWY 44	0.00	0.00	0.00	0.00	0.00
0-4-910-2-4830.3	CP - XFR FR RUT TO ROAD CP	200,000.00	0.00	200,000.00	100.00	0.00
0-4-910-2-4830.4	CP - XFR TIF CITY HALL REIMBUR	0.00	0.00	0.00	0.00	0.00
0-4-910-4-4830.16	CP PARKS XFRS < PARK DEVELOPME	0.00	0.00	0.00	0.00	0.00
0-4-910-4-4830.17	CP PARKS XRF < TIF	100,000.00	0.00	100,000.00	100.00	0.00
0-4-910-4-4830.19	CP GCC XFR < TIF	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		800,000.00	0.00	800,000.00	100.00	0.00
TAL REVENUES		10,632,000.00	7,986,712.25	9,510,692.89	89.45	1,121,307.11

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

600-WATER

100.00% OF FISCAL YEAR

REVENUES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
DEPT 000					
600-4-000-1-4500.2 WATER - SALESMAN	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 000	0.00	0.00	0.00	0.00	0.00
MAYOR,COUNCIL,MANAGER					
600-4-610-1-4300.25 WATER - WATER DEPOSITS	40,000.00	5,957.71	40,791.97	101.98	(791.97)
TOTAL MAYOR,COUNCIL,MANAGER	40,000.00	5,957.71	40,791.97	101.98	(791.97)
WATER					
600-4-810-1-4300.11 WATER - WATER DEPOSIT INTEREST	0.00	(0.03)	142.15	0.00	(142.15)
600-4-810-1-4500.10 WATER - COLLECTIONS PER BILLIN	1,800,000.00	168,449.55	1,797,215.82	99.85	2,784.18
600-4-810-1-4500.25 WATER - SALES TAX	110,000.00	10,127.06	109,086.12	99.17	913.88
600-4-810-1-4500.3 WATER - TAPPING FEES	225,000.00	15,440.00	262,315.00	116.58	(37,315.00)
600-4-810-1-4510 WATER - OUTSIDE METERS	(85,000.00)	6,036.73	(6,960.23)	8.19	(78,039.77)
600-4-810-1-4510.1 WATER - METER RENTAL	68,000.00	6,239.68	71,204.37	104.71	(3,204.37)
600-4-810-1-4511 WATER - NEW BLDG USEAGE FEE	40,000.00	2,600.00	36,900.00	92.25	3,100.00
600-4-810-1-4530 WATER - LATE CHARGES	4,000.00	251.07	3,131.24	78.28	868.76
600-4-810-1-4540 WATER - METER/REMOTE CONNECT	70,000.00	10,125.00	104,575.00	149.39	(34,575.00)
600-4-810-1-4550.1 WATER - OTHER REVENUE	18,000.00	2,109.75	19,290.92	107.17	(1,290.92)
600-4-810-1-4550.2 WATER-RETURNED CHECKS	0.00	0.00	25.00	0.00	(25.00)
TOTAL WATER	2,250,000.00	221,378.81	2,396,925.39	106.53	(146,925.39)
TRANSFERS OUT					
600-4-910-1-4830.4 WATER SINKING SRF - XRF WATER	525,026.00	0.00	525,026.00	100.00	0.00
600-4-910-1-4830.41 WATER SINKING SURPLUS - XFR WA	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT	525,026.00	0.00	525,026.00	100.00	0.00
TOTAL REVENUES	2,815,026.00	227,336.52	2,962,743.36	105.25	(147,717.36)

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

10-SEWER

100.00% OF FISCAL YEAR

EVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
EWER						
10-4-815-1-4500	SEWER - COLLECTIONS PER BILLIN	1,300,000.00	116,154.93	1,285,544.91	98.89	14,455.09
10-4-815-1-4500.4	SEWER - TAPPING FEES	350,000.00	23,160.00	396,305.50	113.23	(46,305.50)
10-4-815-1-4510	SEWER - SUR-CHARGE	2,000.00	0.00	0.00	0.00	2,000.00
10-4-815-1-4530	SEWER - LATE CHARGES	3,400.00	217.13	2,647.53	77.87	752.47
10-4-815-1-4550	SEWER - MISC. INCOME	0.00	0.00	0.00	0.00	0.00
10-4-815-1-4550.1	SEWER - OTHER REVENUES	0.00	0.00	0.00	0.00	0.00
TOTAL SEWER		1,655,400.00	139,532.06	1,684,497.94	101.76	(29,097.94)
RANSFERS OUT						
10-4-910-1-4830.4	SEWER SINKING - XFR SEWER	347,000.00	0.00	347,000.00	100.00	0.00
10-4-910-1-4830.41	SEWER SINKING SURPLUS - XFR SE	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		347,000.00	0.00	347,000.00	100.00	0.00
OTAL REVENUES		2,002,400.00	139,532.06	2,031,497.94	101.45	(29,097.94)

-storm water

100.00% OF FISCAL YEAR

ENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
RM WATER FEE						
-4-817-1-4500	STORM WATER COLLECTION BILLING	400,000.00	35,993.38	406,733.27	101.68	(6,733.27)
-4-817-1-4510	STORM WATER - SALES TAX	10,000.00	799.13	9,179.85	91.80	820.15
TOTAL STORM WATER FEE		410,000.00	36,792.51	415,913.12	101.44	(5,913.12)
AL REVENUES		410,000.00	36,792.51	415,913.12	101.44	(5,913.12)

0-SOLID WASTE

100.00% OF FISCAL YEAR

VENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
PT 000						
0-4-000-1-4830.5	SOLID WASTE XFRS > General	80,000.00	0.00	80,000.00	100.00	0.00
TOTAL DEPT 000		80,000.00	0.00	80,000.00	100.00	0.00
NDFILL/GARBAGE						
0-4-840-1-4500	SOLID WASTE	320,000.00	30,182.35	324,701.28	101.47	(4,701.28)
TOTAL LANDFILL/GARBAGE		320,000.00	30,182.35	324,701.28	101.47	(4,701.28)
TAL REVENUES		400,000.00	30,182.35	404,701.28	101.18	(4,701.28)

REVENUE REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

950-TRUST & AGENCY

100.00% OF FISCAL YEAR

REVENUES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
DEPT 000						
950-4-000-2-4705.6	ROLOW SKATE PARK MEMORIAL	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 000		0.00	0.00	0.00	0.00	0.00
DEPT 405						
950-4-405-2-4470.3	SPEC REV - LIB OPEN ACCESS/GRA	12,000.00	0.00	10,187.10	84.89	1,812.90
TOTAL DEPT 405		12,000.00	0.00	10,187.10	84.89	1,812.90
LIBRARY SERVICES						
950-4-410-2-4470	SPEC REV - LIB BOOK SALES	1,000.00	297.00	1,186.17	118.62	(186.17)
950-4-410-2-4470.1	SPEC REC - LIB DONATIONS	1,500.00	48.14	299.86	19.99	1,200.14
950-4-410-2-4470.2	SPEC REV - LIB REFUNDS	2,000.00	1,425.00	6,544.79	327.24	(4,544.79)
TOTAL LIBRARY SERVICES		4,500.00	1,770.14	8,030.82	178.46	(3,530.82)
TOTAL REVENUES		16,500.00	1,770.14	18,217.92	110.41	(1,717.92)

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

01-GENERAL FUND

100.00% OF FISCAL YEAR

EPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
OLICE						
01-5-110-6010	POLICE - WAGES	16,153.00	12,798.79	16,153.00	100.00	0.00
01-5-110-6110	POLICE - FICA (CITY SHARE)	1,235.00	978.47	1,235.00	100.00	0.00
01-5-110-6130	POLICE - IPERS (CITY SHARE)	1,442.00	1,142.41	1,442.00	100.00	0.00
01-5-110-6160	POLICE - WORKER'S COMP	565.00	0.00	565.00	100.00	0.00
01-5-110-6371	POLICE - UTILITIES	16,000.00	2,058.97	18,817.70	117.61 (	2,817.70)
01-5-110-6400	POLICE - SHERIFF CONTRACT	807,761.00	66,773.09	758,284.00	93.87	49,477.00
01-5-110-6400.0	POLICE - HOMELAND SECURITY	0.00	0.00	0.00	0.00	0.00
01-5-110-6400.1	POLICE - HOMELAND SECURITY	0.00	0.00	0.00	0.00	0.00
01-5-110-6411	POLICE - TICKET ENFORCEMENT	100.00	0.00	0.00	0.00	100.00
01-5-110-6412	POLICE - TRAFFIC SAFETY	0.00	0.00	0.00	0.00	0.00
TOTAL POLICE		843,256.00	83,751.73	796,496.70	94.45	46,759.30
IRE						
01-5-150-6010	FIRE/RESCUE - WAGES	452,686.00	44,765.76	410,430.71	90.67	42,255.29
01-5-150-6020	FIRE/RESCUE - PART TIME HELP	155,000.00	20,576.80	182,708.93	117.88 (	27,708.93)
01-5-150-6110	FIRE/RESCUE - FICA (CITY SHARE	46,487.00	4,998.72	42,707.93	91.87	3,779.07
01-5-150-6130	FIRE/RESCUE - IPERS (CITY SHAR	52,043.00	6,226.84	51,869.57	99.67	173.43
01-5-150-6150	FIRE/RESCUE - BLUE CROSS/BLUE	118,000.00	5,321.45	54,750.78	46.40	63,249.22
01-5-150-6160	FIRE/RESCUE - WORKERS COMP	100,000.00	85,000.00	96,819.50	96.82	3,180.50
01-5-150-6230	FIRE/RESCUE - TRAINING	15,980.00	467.60	13,973.72	87.45	2,006.28
01-5-150-6240	FIRE/RESCUE - DUES, MEETINGS	1,100.00	0.00	1,378.86	125.35 (	278.86)
01-5-150-6310	FIRE/RESCUE - BLDG & GROUNDS	9,300.00	1,155.31	10,273.63	110.47 (	973.63)
01-5-150-6332	FIRE/RESCUE - VEHICLE REPAIR E	15,000.00	5,303.65	21,898.71	145.99 (	6,898.71)
01-5-150-6340	FIRE/RESCUE - PAGER MAINT	16,247.00	0.00	4,773.66	29.38	11,473.34
01-5-150-6350	FIRE/RESCUE - EQUIP MAINT	7,342.00	1,726.58	6,991.28	95.22	350.72
01-5-150-6371	FIRE/RESCUE - UTILITIES	13,856.00	1,082.22	14,365.29	103.68 (	509.29)
01-5-150-6413	FIRE/RESCUE - POLK CO EMA	2,500.00	0.00	1,653.15	66.13	846.85
01-5-150-6413.1	FIRE/RESCUE - ANDRES MEDICAL B	16,310.00	869.00	10,060.39	61.68	6,249.61
01-5-150-6504	FIRE/RESCUE - EQUIP. & TOOLS	40,000.00	5,423.14	50,605.68	126.51 (	10,605.68)
01-5-150-6506	FIRE/RESCUE - OFFICE EXP	2,000.00	41.16	2,439.08	121.95 (	439.08)
01-5-150-6507	FIRE/RESCUE - OPERATING SUPPLI	5,366.00	5.49	776.83	14.48	4,589.17
01-5-150-6519	FIRE/RESCUE - EMPLOYEE HEALTH,	4,650.00	4,875.00	6,271.90	134.88 (	1,621.90)
01-5-150-6599	FIRE/RESCUE - RESCUE EXP	17,000.00	3,629.10	16,712.56	98.31	287.44
01-5-150-6599.1	FIRE/RESCUE - RESCUE RX	7,000.00	173.57	2,319.96	33.14	4,680.04
01-5-150-6600	FIRE/RESCUE - HOMELAND SEC/POL	17,000.00	0.00	2,058.00	12.11	14,942.00
TOTAL FIRE		1,114,867.00	191,641.39	1,005,840.12	90.22	109,026.88
AMBULANCE						
01-5-160-6723	GCP -Fire & Res Aux	0.00	19,540.53	19,540.53	0.00 (	19,540.53)
TOTAL AMBULANCE		0.00	19,540.53	19,540.53	0.00 (	19,540.53)
BUILDING INSPECTIONS						
01-5-170-6010	BLDG DEPT - WAGES	170,000.00	11,678.52	160,634.99	94.49	9,365.01
01-5-170-6110	BLDG DEPT - FICA (CITY SHARE)	13,005.00	893.39	12,288.43	94.49	716.57
01-5-170-6130	BLDG DEPT - IPERS (CITY SHARE)	15,164.00	1,042.90	14,282.66	94.19	881.34
01-5-170-6150	BLDG DEPT - BLUE CROSS/BLUE SH	30,000.00	2,285.64	27,601.89	92.01	2,398.11
01-5-170-6160	BLDG DEPT - WORKER'S COMP	5,200.00	0.00	4,692.25	90.24	507.75
01-5-170-6240	BLDG DEPT - DUES, MEET, MILEAG	3,000.00	0.00	125.00	4.17	2,875.00

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

01-GENERAL FUND

100.00% OF FISCAL YEAR

EPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
01-5-170-6310	BLDG DEPT - BLDG & GROUNDS MAI	0.00	0.00	0.00	0.00	0.00
01-5-170-6332	BLDG DEPT - VEHICLE EXP	1,000.00	165.60	273.85	27.39	726.15
01-5-170-6371	BLDG DEPT - UTILITIES	3,000.00	110.57	2,359.14	78.64	640.86
01-5-170-6399	BLDG DEPT - MISC	5,000.00	5,700.00	10,835.83	216.72 (	5,835.83)
01-5-170-6407	BLDG DEPT - ENGIN EXP CITY	90,000.00	12,661.06	90,598.04	100.66 (	598.04)
01-5-170-6407.1	BLDG DEPT - ENGINE EXP BILLABL	250,000.00	40,786.98	239,211.56	95.68	10,788.44
01-5-170-6407.2	BLDG DEPT - METRO HOME IMPROVE	25,500.00	0.00	25,716.00	100.85 (	216.00)
01-5-170-6416	BLDG DEPT - RENT	0.00	0.00	0.00	0.00	0.00
01-5-170-6499.1	BLDG DEPT - ONE CALL SERVICE	5,000.00	418.50	3,394.20	67.88	1,605.80
01-5-170-6506	BLDG DEPT - OFFICE SUPPLIES	4,000.00	0.00	3,151.53	78.79	848.47
01-5-170-6506.1	BLDG DEPT - OFFICE EQUIP - MAC	0.00	0.00	0.00	0.00	0.00
01-5-170-6510	BLDG DEPT - SAFETY/TRAINING	3,000.00	150.00	1,727.66	57.59	1,272.34
TOTAL BUILDING INSPECTIONS		622,869.00	75,893.16	596,893.03	95.83	25,975.97
NIMAL CONTROL						
01-5-190-6413	POLICE - ANIMAL CONTROL	16,000.00	2,183.00	15,028.75	93.93	971.25
01-5-190-6413.1	POLICE - MOSQUITO CONTROL	20,000.00	2,400.00	17,350.00	86.75	2,650.00
TOTAL ANIMAL CONTROL		36,000.00	4,583.00	32,378.75	89.94	3,621.25
ROADS,BRIDGES,SIDEWALKS						
001-5-210-6010	STREETS - WAGES	546,500.00	25,137.15	516,142.95	94.45	30,357.05
001-5-210-6110	STREETS - FICA (CITY SHARE)	42,000.00	1,997.22	40,386.67	96.16	1,613.33
001-5-210-6130	STREETS - IPERS (CITY SHARE)	49,000.00	2,249.85	45,520.48	92.90	3,479.52
001-5-210-6150	STREETS - BLUE CROSS/BLUE SHIE	80,000.00	9,011.69	84,818.37	106.02 (	4,818.37)
001-5-210-6160	STREETS - WORKER'S COMP	30,000.00	23,819.00	29,511.25	98.37	488.75
001-5-210-6240	STREETS - DUES, SUB, MILEAGE	6,000.00	1,340.39	7,711.44	128.52 (	1,711.44)
001-5-210-6310	STREETS - BLDG & GROUNDS	10,000.00	9,639.45	21,260.80	212.61 (	11,260.80)
001-5-210-6350	STREETS - EQUIP MAINT	50,500.00	3,594.25	52,292.54	103.55 (	1,792.54)
001-5-210-6371	STREETS - UTILITIES	23,000.00	1,959.20	22,023.84	95.76	976.16
001-5-210-6399	STREETS - STREET & ALLEY MAINT	0.00	0.00	210.00	0.00 (	210.00)
001-5-210-6415	STREETS - RENTAL EQUIPMENT	10,000.00	325.00	1,587.25	15.87	8,412.75
001-5-210-6417	STREETS - CLEANING	4,000.00	0.00	0.00	0.00	4,000.00
001-5-210-6499	STREETS - CONTRACTS	0.00	0.00	0.00	0.00	0.00
001-5-210-6499.2	STREETS - TREE REMOVAL	25,000.00	0.00	3,485.00	13.94	21,515.00
001-5-210-6501	STREETS - PETROLEUM	67,000.00	1,674.34	47,308.95	70.61	19,691.05
001-5-210-6501.1	STREETS - CALCIUM & SALT	0.00	0.00	628.54	0.00 (	628.54)
001-5-210-6504	STREETS - EQUIP PURCHASES	20,000.00	6,880.06	19,999.70	100.00	0.30
001-5-210-6505	STREETS - SHOP SUPPLIES/EQUIP	27,300.00	1,229.33	30,689.34	112.42 (	3,389.34)
001-5-210-6506	STREETS - OFFICE EXPENSE	2,500.00	100.00	3,617.57	144.70 (	1,117.57)
001-5-210-6509	STREETS - SIGNS & ACCESSORIES	24,000.00	2,301.65	13,678.19	56.99	10,321.81
001-5-210-6510	STREETS - SAFETY EQUIP	12,000.00	3,779.15	28,090.83	234.09 (	16,090.83)
TOTAL ROADS,BRIDGES,SIDEWALKS		1,028,800.00	95,037.73	968,963.71	94.18	59,836.29
STREET LIGHTING						
001-5-230-6371	STREET LIGHTS	140,000.00	10,120.09	124,663.50	89.05	15,336.50
TOTAL STREET LIGHTING		140,000.00	10,120.09	124,663.50	89.05	15,336.50
LIBRARY SERVICES						
001-5-410-6010	LIBRARY - WAGES	235,168.00	18,969.30	229,152.55	97.44	6,015.45
001-5-410-6110	LIBRARY - FICA (CITY SHARE)	17,225.00	1,441.55	17,513.79	101.68 (	288.79)

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-GENERAL FUND

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
1-5-410-6130	LIBRARY - IPERS (CITY SHARE)	20,107.00	4,861.96	23,446.14	116.61 (	3,339.14)
1-5-410-6150	LIBRARY - BLUE CROSS/BLUE SHIE	27,835.00	4,798.20	29,926.29	107.51 (	2,091.29)
1-5-410-6160	LIBRARY - WORKER'S COMP	800.00	800.00	800.00	100.00	0.00
1-5-410-6220	LIBRARY - CONT EDUCATION	1,785.00	0.00	990.89	55.51	794.11
1-5-410-6310	LIBRARY - BLDG & GROUNDS	11,231.00	5,640.71	17,699.03	157.59 (	6,468.03)
1-5-410-6371	LIBRARY - UTILITIES	12,306.00	1,412.30	9,004.77	73.17	3,301.23
1-5-410-6502	LIBRARY - MATERIAL ACQUISITION	83,523.00	18,609.79	64,142.69	76.80	19,380.31
1-5-410-6502.2	LIBRARY - PROMOTIONS	5,050.00	1,592.25	7,049.11	139.59 (	1,999.11)
1-5-410-6502.3	LIBRARY - ARCHITECT	416,443.00	0.00	395,061.32	94.87	21,381.68
1-5-410-6504.1	LIBRARY - INFO MANAGEMENT	19,171.00	11,499.32	31,185.75	162.67 (	12,014.75)
1-5-410-6506	LIBRARY - OFFICE EXP	9,075.00	3,243.86	12,138.74	133.76 (	3,063.74)
1-5-410-6510	LIBRARY - SAFETY EQUIPMENT	150.00	0.00	1,758.48	1,172.32 (	1,608.48)
TOTAL LIBRARY SERVICES		859,869.00	72,869.24	839,869.55	97.67	19,999.45
RKS						
1-5-430-6010	PARKS - WAGES	88,200.00	5,024.02	63,543.47	72.04	24,656.53
1-5-430-6020	PARKS - WAGES PART TIME	50,000.00	5,159.62	48,215.57	96.43	1,784.43
1-5-430-6020.1	PARKS - PART TIME CONTRACT	10,000.00	778.12	16,623.30	166.23 (	6,623.30)
1-5-430-6110	PARKS - FICA (CITY SHARE)	10,600.00	764.06	8,514.09	80.32	2,085.91
1-5-430-6130	PARKS - IPERS (CITY SHARE)	12,000.00	1,906.57	10,588.00	88.23	1,412.00
1-5-430-6150	PARKS - BLUE CROSS/BLUE SHILED	30,000.00	1,824.41	19,199.06	64.00	10,800.94
1-5-430-6160	PARKS - WORKER'S COMP	6,700.00	6,700.00	6,700.00	100.00	0.00
1-5-430-6240	PARKS - DUES, MEET, MILEAGE	2,000.00	0.00	824.68	41.23	1,175.32
1-5-430-6310	PARKS - BLDG & GROUNDS	35,000.00	7,381.92	26,547.94	75.85	8,452.06
1-5-430-6310.1	PARKS - GCC BLDG & GROUNDS	40,500.00	(15,912.48)	44,750.13	110.49 (	4,250.13)
1-5-430-6350	PARKS - EQUIP MAINT	4,000.00	255.43	4,104.63	102.62 (	104.63)
1-5-430-6371	PARKS - UTILITIES	10,000.00	1,081.40	11,023.48	110.23 (	1,023.48)
1-5-430-6371.1	PARK - GCC UTILITIES	44,000.00	2,271.37	37,703.77	85.69	6,296.23
1-5-430-6399	PARKS - IMPROVEMENTS	66,644.00	129,517.23	131,375.48	197.13 (	64,731.48)
1-5-430-6399.1	PARKS - BALL DIAMOND WORK	6,000.00	0.00	3,172.06	52.87	2,827.94
1-5-430-6407	PARKS - MASTER PLANS	20,000.00	0.00	0.00	0.00	20,000.00
1-5-430-6499	PARKS - MOWING	72,000.00	26,753.66	71,096.09	98.74	903.91
1-5-430-6499.1	PARKS - FERTILIZER/WEED CONTRO	66,000.00	0.00	31,663.98	47.98	34,336.02
1-5-430-6499.2	PARKS - OVERSEEDING/AERATION	20,000.00	0.00	9,438.98	47.19	10,561.02
1-5-430-6499.3	PARKS - MASTER PLANS	0.00	0.00	0.00	0.00	0.00
1-5-430-6504	PARKS - EQUIP PURCHASES	21,000.00	595.00	28,786.00	137.08 (	7,786.00)
1-5-430-6505	PARKS - EQUIPMENT & SUPPLIES	2,000.00	66.39	2,466.04	123.30 (	466.04)
1-5-430-6506	OARKS - OFFICE EXPENSE	3,000.00	0.00	1,881.86	62.73	1,118.14
1-5-430-6510	PARKS - SAFETY EQUIP	800.00	865.87	1,441.14	180.14 (	641.14)
1-5-430-6599	PARKS - REC & TRANSPORTATION P	15,000.00	5,302.35	22,812.67	152.08 (	7,812.67)
1-5-430-6599.1	PARKS - CITY PROGRAMS	30,000.00	4,010.84	33,433.59	111.45 (	3,433.59)
1-5-430-6599.2	PARKS - REC MISC	17,000.00	0.00	5,135.56	30.21	11,864.44
1-5-430-6776	GCP - PARK DEVELOPMENT	20,000.00	0.00	4,726.25	23.63	15,273.75
TOTAL PARKS		702,444.00	184,345.78	645,767.82	91.93	56,676.18
EMETERY						
1-5-450-6010	CEMETERY - WAGES	5,000.00	5,000.00	5,000.00	100.00	0.00
1-5-450-6110	CEMETERY - FICA (CITY SHARE)	382.00	382.00	382.00	100.00	0.00
1-5-450-6130	CEMETERY - IPERS (CITY SHARE)	446.00	446.00	446.00	100.00	0.00
1-5-450-6160	CEMETERY - WORKER'S COMP	181.00	181.00	181.00	100.00	0.00

L-GENERAL FUND

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
1-5-450-6499	CEMETERY - MOWING	16,500.00	2,535.00	6,735.00	40.82	9,765.00
1-5-450-6499.1	CEMETERY - STONE & GROUND MAIN	8,000.00	15.98	2,263.27	28.29	5,736.73
1-5-450-6504	CEMETERY - EQUIP PURCHASES	1,000.00	0.00	0.00	0.00	1,000.00
1-5-450-6730	GEN - CEMETERY PURCHASE OF LAN	0.00	0.00	0.00	0.00	0.00
1-5-450-6910	GCP - CEMETERY LAND PURCHASE	0.00	0.00	0.00	0.00	0.00
TOTAL CEMETERY		31,509.00	8,559.98	15,007.27	47.63	16,501.73
ONOMIC DEVELOPMENT						
1-5-520-6599	ADMIN - ECONOMIC DEVELOPMENT $	117,030.00	33,665.02	105,772.49	90.38	11,257.51
TOTAL ECONOMIC DEVELOPMENT		117,030.00	33,665.02	105,772.49	90.38	11,257.51
YOR,COUNCIL,MANAGER						
1-5-610-6010	ADMIN - WAGES MAYOR/COUNCIL/AD	160,000.00	11,508.28	157,841.52	98.65	2,158.48
1-5-610-6110	ADMIN - FICA MAYOR/COUNCIL/CIT	12,000.00	756.41	10,112.50	84.27	1,887.50
1-5-610-6130	ADMIN - IPERS MAYOR/COUNCIL/CI	14,000.00	965.19	12,025.24	85.89	1,974.76
1-5-610-6150	ADMIN - HEALTH MAYOR/COUNCIL/C	13,325.00	1,093.85	12,292.11	92.25	1,032.89
1-5-610-6160	ADMIN - WORKER'S COMP	480.00	0.00	0.00	0.00	480.00
1-5-610-6240	ADMIN - DUES, MEET, MILEAGE	37,000.00	4,616.00	32,031.64	86.57	4,968.36
1-5-610-6500	ADMIN - SAFETY EQUIP	1,200.00	0.00	199.77	16.65	1,000.23
1-5-610-6506	ADMIN - OFFICE EXP	35,000.00	4,244.47	40,405.27	115.44	(5,405.27)
TOTAL MAYOR,COUNCIL,MANAGER		273,005.00	23,184.20	264,908.05	97.03	8,096.95
ERK,TREASURER						
1-5-620-6010	ADMIN - WAGES CITY CLERK/TREAS	125,036.00	8,434.60	109,972.58	87.95	15,063.42
1-5-620-6110	ADMIN - FICA CITY CLERK/TREAS/	9,600.00	645.25	8,412.98	87.64	1,187.02
1-5-620-6130	ADMIN - IPERS CITY CLERK/TREAS	11,200.00	753.21	9,820.57	87.68	1,379.43
1-5-620-6150	ADMIN - HEALTH INC CITY CLERK/	38,000.00	1,828.51	21,948.34	57.76	16,051.66
TOTAL CLERK,TREASURER		183,836.00	11,661.57	150,154.47	81.68	33,681.53
ECTIONS						
1-5-630-6401	ADMIN - AUDIT/ELECTION	16,000.00	0.00	16,203.37	101.27	(203.37)
TOTAL ELECTIONS		16,000.00	0.00	16,203.37	101.27	(203.37)
EGAL SERVICES						
01-5-640-6411	ADMIN - LEGAL FEES	60,000.00	33,155.82	70,073.78	116.79	(10,073.78)
TOTAL LEGAL SERVICES		60,000.00	33,155.82	70,073.78	116.79	(10,073.78)
ITY HALL & GEN BLDGS						
01-5-650-6310	ADMIN - BLDG & GROUNDS	302,000.00	1,094.05	304,149.69	100.71	(2,149.69)
01-5-650-6371	ADMIN - UTILITIES	26,000.00	2,005.07	23,916.99	91.99	2,083.01
01-5-650-6416	ADMIN - BLDG & GROUNDS RENT/LE	0.00	0.00	0.00	0.00	0.00
01-5-650-6499	ADMIN - CONTRACTS	6,000.00	0.00	5,096.78	84.95	903.22
TOTAL CITY HALL & GEN BLDGS		334,000.00	3,099.12	333,163.46	99.75	836.54
EPT 660						
01-5-660-6408	INSURANCE PREMIUMS/DEDUCTIBLES	70,000.00	0.00	58,456.91	83.51	11,543.09
TOTAL DEPT 660		70,000.00	0.00	58,456.91	83.51	11,543.09

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

001-GENERAL FUND

100.00% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
OTHER GEN GOVT						
001-5-699-6413	ADMIN - CENSUS	150,000.00	0.00	128,246.63	85.50	21,753.37
001-5-699-6414	ADMIN - ADVERTISING & PUBLICAT	25,000.00	1,781.81	16,317.89	65.27	8,682.11
001-5-699-6599	ADMIN - MISC FEES	30,000.00	1,737.81	6,525.49	21.75	23,474.51
TOTAL OTHER GEN GOVT		205,000.00	3,519.62	151,090.01	73.70	53,909.99
CAPITAL PROJECTS						
001-5-750-6710	GCP - AMBULANCE REPLACEMENT	0.00	0.00	0.00	0.00	0.00
001-5-750-6727	GCP - FIRE CAPITAL IMPROVEMENT	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL PROJECTS		0.00	0.00	0.00	0.00	0.00
TRANSFERS OUT						
001-5-910-6490.10	T&A HOMESTEAD XFR > DEBT SERVI	2,700,000.00	0.00	2,700,000.00	100.00	0.00
001-5-910-6910.1	GENERAL XF F DS	0.00	0.00	0.00	0.00	0.00
001-5-910-6910.2	FIRE/RESCUE XFR > CP - AMBULAN	0.00	0.00	0.00	0.00	0.00
001-5-910-6910.25	GCP - PARK DEVEL XFR > SPORTS	0.00	0.00	0.00	0.00	0.00
001-5-910-6910.3	FIRE/RESCUE XRF > FEMA GRANT	0.00	0.00	0.00	0.00	0.00
001-5-910-6910.5	GEN XFR > Solid Waste/Metro W	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		2,700,000.00	0.00	2,700,000.00	100.00	0.00
TOTAL EXPENDITURES		9,338,485.00	854,627.98	8,895,243.52	95.25	443,241.48

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

-ROAD USE TAX

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
ADS,BRIDGES,SIDEWALKS						
0-5-210-6399	RUT - STREET WORK	450,000.00	69,251.11	450,000.00	100.00	0.00
0-5-210-6499.1	RUT - SNOW REMOVAL CONTRACT	50,000.00	0.00	12,379.07	24.76	37,620.93
0-5-210-6750	RUT - EQUIPMENT	100,000.00	79,599.59	84,169.68	84.17	15,830.32
0-5-210-6761	RUT - ASPHALT/PAVING	0.00	(63,089.11)	589.74	0.00	(589.74)
0-5-210-6765	RUT - SALT/BLDG LEASE	110,000.00	0.00	0.00	0.00	110,000.00
TOTAL ROADS,BRIDGES,SIDEWALKS		710,000.00	85,761.59	547,138.49	77.06	162,861.51
ANSFERS OUT						
0-5-910-6910	RUT - XFR > DS DUMP/SANDER TRU	73,377.00	0.00	73,377.00	100.00	0.00
0-5-910-6910.1	RUT - XFR	0.00	0.00	0.00	0.00	0.00
0-5-910-6910.2	RUT - XFR TO	0.00	0.00	0.00	0.00	0.00
0-5-910-6910.3	RUT - XFR CP	200,000.00	0.00	200,000.00	100.00	0.00
0-5-910-6910.4	RUT - XRF DS KNAPP/HUBBELL	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		273,377.00	0.00	273,377.00	100.00	0.00
TAL EXPENDITURES		983,377.00	85,761.59	820,515.49	83.44	162,861.51

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

2-SPEC REV-EMPLOYEE BEN

100.00% OF FISCAL YEAR

EPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
RANSFERS OUT					
12-5-910-6910 SPEC REV - EMP BEN X > GEN FOR	140,839.00	140,839.00	140,839.00	100.00	0.00
12-5-910-6910.1 SPEC REV- EMP BEN X > GEN FOR	169,008.00	169,008.00	169,008.00	100.00	0.00
12-5-910-6910.11 SPEC REV GOAL - XFR PARK	0.00	0.00	0.00	0.00	0.00
12-5-910-6910.2 SPEC REV - EMP BEN X > GEN FOR	460,153.00	392,804.00	392,804.00	85.36	67,349.00
12-5-910-6910.3 SPEC REV - EMP BEN X > GEN FOR	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT	770,000.00	702,651.00	702,651.00	91.25	67,349.00
ON-PROGRAM REVENUE					
12-5-950-6910.1 SPEC REV GOAL - XFR PARK	0.00	0.00	0.00	0.00	0.00
12-5-950-6910.10 SPEC REV GOAL - XFR PARK	0.00	0.00	0.00	0.00	0.00
TOTAL NON-PROGRAM REVENUE	0.00	0.00	0.00	0.00	0.00
OTAL EXPENDITURES	770,000.00	702,651.00	702,651.00	91.25	67,349.00

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

-SPEC REV GOAL XFRS PARK

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
ANSFERS OUT					
9-5-910-6910 SPEC REV GOAL XFRS > PARK	0.00	0.00	0.00	0.00	0.00
9-5-910-6910.25 SPEC Rev XFR EMER to Gen	80,000.00	0.00	80,000.00	100.00	0.00
TOTAL TRANSFERS OUT	80,000.00	0.00	80,000.00	100.00	0.00
TAL EXPENDITURES	80,000.00	0.00	80,000.00	100.00	0.00

CITY OF GRIMES
EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

120-SPEC REV METRO WEST GRANT

100.00% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
DEPT 300						
120-5-300-6490	SPEC REV - METRO WEST GRANT	0.00	0.00	0.00	0.00	0.00
120-5-300-6490.1	SPEC REV - FEMA STORM	0.00	0.00	0.00	0.00	0.00
TOTAL DEPT 300		0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES		0.00	0.00	0.00	0.00	0.00

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

122-SPEC REV FEMA

100.00% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
PARKS						
122-5-430-6799	SPEC REV - HOTEL/PARK	30,000.00	0.00	9,516.13	31.72	20,483.87
TOTAL PARKS		30,000.00	0.00	9,516.13	31.72	20,483.87
ECONOMIC DEVELOPMENT						
122-5-520-6799	SPEC REV - HOTEL/ECON	18,540.00	13,086.56	18,540.00	100.00	0.00
122-5-520-6799.1	SPEC REV - HOTEL/DVCB	20,000.00	3,709.36	18,968.94	94.84	1,031.06
TOTAL ECONOMIC DEVELOPMENT		38,540.00	16,795.92	37,508.94	97.32	1,031.06
TOTAL EXPENDITURES		68,540.00	16,795.92	47,025.07	68.61	21,514.93

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

5-TIF

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
ANSFERS OUT						
5-5-910-6801	TIF - RIGHT STUF	0.00	0.00	0.00	0.00	0.00
5-5-910-6801.1	TIF - ALL POINTS AGREEMENT	0.00	0.00	0.00	0.00	0.00
5-5-910-6910	TIF XFR < DS FOR 2012 BOND	195,966.00	0.00	195,966.00	100.00	0.00
5-5-910-6910.1	TIF XFR > 201 MAIN ST	2,703.00	0.00	2,703.00	100.00	0.00
5-5-910-6910.2	TIF XFR < S 11TH PROJECT	0.00	0.00	0.00	0.00	0.00
5-5-910-6910.3	TIF XFR < GCC	100,000.00	0.00	100,000.00	100.00	0.00
5-5-910-6910.4	TIF XFR < DS RIGHT STUF	14,108.00	0.00	14,108.00	100.00	0.00
5-5-910-6910.5	TIF XFR > 2003 BOND ISSUE	92,960.00	0.00	92,960.00	100.00	0.00
5-5-910-6910.6	TIF XFR > DS 2007 BOND	93,702.00	0.00	93,702.00	100.00	0.00
5-5-910-6910.7	TIF XFR > DS 2009 BOND ISSUE	504,807.00	0.00	504,807.00	100.00	0.00
5-5-910-6910.8	TIF XFR > DS KENNYBROOK CRC	276,840.00	0.00	276,840.00	100.00	0.00
TOTAL TRANSFERS OUT		1,281,086.00	0.00	1,281,086.00	100.00	0.00
TAL EXPENDITURES		1,281,086.00	0.00	1,281,086.00	100.00	0.00

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

0-DEBT SERVICE

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
BT SERVICE					
0-5-710-6801 DS - 2003 BONDS	217,750.00	209,750.00	218,500.00	100.34	(750.00)
0-5-710-6801.1 DS - 2012	392,931.00	331,215.64	392,431.28	99.87	499.72
0-5-710-6801.10 DS - RIGHT STUF	14,108.00	0.00	14,108.00	100.00	0.00
0-5-710-6801.12 DS - 2007 5,2 MIL BOND ISSUE	469,260.00	404,505.00	469,010.00	99.95	250.00
0-5-710-6801.15 DS - AMB/SWEEPER/END	0.00	(73,226.75)	0.00	0.00	0.00
0-5-710-6801.16 DS - 2001 BONDS	252,563.00	248,656.25	252,312.50	99.90	250.50
0-5-710-6801.2 DS - XFR TO GENERAL	0.00	0.00	0.00	0.00	0.00
0-5-710-6801.4 DS - KNAPP ALL POINTS DEV AGRE	0.00	0.00	0.00	0.00	0.00
0-5-710-6801.5 DS - 1009 10 MIL BOND ISSUE	1,010,615.00	825,057.50	1,010,415.00	99.98	200.00
0-5-710-6801.6 DS -EQUIPMENT	3,200,000.00	123,022.29	3,069,157.87	95.91	130,842.13
0-5-710-6801.8 DC - ECON DEV AGREE	279,543.00	0.00	280,927.00	100.50	(1,384.00)
TOTAL DEBT SERVICE	5,836,770.00	2,068,979.93	5,706,861.65	97.77	129,908.35
OTAL EXPENDITURES	5,836,770.00	2,068,979.93	5,706,861.65	97.77	129,908.35

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

310-GEN FUND-CAPITAL PROJECTS

100.00% OF FISCAL YEAR

DEPARTMENTAL EXPENDITURES	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
FIRE DEPARTMENT					
310-5-150-6910 GCP - FIRE CAPITAL	0.00	0.00	0.00	0.00	0.00
310-5-150-6910.1 CP - FIRE CAPITAL	0.00	0.00	0.00	0.00	0.00
TOTAL FIRE DEPARTMENT	0.00	0.00	0.00	0.00	0.00
CAPITAL PROJECTS					
310-5-750-6761.5 CP - MAIN STREET IMPROVEMENTS	0.00	0.00	88,302.41	0.00	(88,302.41)
310-5-750-6761.7 CP -	0.00	0.00	0.00	0.00	0.00
310-5-750-6761.8 CP - STORM SEWER NPDES	75,000.00	352,252.82	375,920.57	501.23	(300,920.57)
310-5-750-6767 CP - SEWER I&I PROJECT/SEWER C	800,000.00	10,720.00	287,398.38	35.92	512,601.62
310-5-750-6767.2 CP - BEAVERBROOK SEWER EXTENSI	0.00	0.00	0.00	0.00	0.00
310-5-750-6767.3 CP - COMP PLAN	0.00	0.00	0.00	0.00	0.00
310-5-750-6775 CP - PARK SYSTEM	100,000.00	(106,862.33)	0.00	0.00	100,000.00
310-5-750-6775.1 CP -DOWNTOWN REVITALIZATION	0.00	0.00	0.00	0.00	0.00
310-5-750-6780 CP - WATER CAPITAL IMPROVEMENT	3,000,000.00	243,669.65	2,403,843.59	80.13	596,156.41
310-5-750-6781 CP - ROAD DEVELOPMENT	3,000,000.00	321,690.42	2,842,958.29	94.77	157,041.71
310-5-750-6781.1 CP - IA 44 IMPROVEMENTS	0.00	0.00	3,961.25	0.00	(3,961.25)
310-5-750-6781.2 CP - S 11TH STREET RISE	0.00	0.00	0.00	0.00	0.00
310-5-750-6781.21 CP - RISE DESTINATION DRIVE	0.00	0.00	0.00	0.00	0.00
310-5-750-6781.22 CP - RISE GRIMES INDUSTRIAL	0.00	0.00	0.00	0.00	0.00
310-5-750-6781.4 CP - GRIMES COMMUNITY COMPLEX	150,000.00	18,530.00	18,530.00	12.35	131,470.00
310-5-750-6781.6 CP - LT BEAVER/S 19TH ASSESSME	0.00	0.00	0.00	0.00	0.00
310-5-750-6781.7 CP - MAINTENANCE BUILDING	0.00	0.00	0.00	0.00	0.00
TOTAL CAPITAL PROJECTS	7,125,000.00	840,000.56	6,020,914.49	84.50	1,104,085.51
TRANSFERS OUT					
310-5-910-6910 GCP - FIRE CAP XFR TO DEBT SER	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENDITURES	7,125,000.00	840,000.56	6,020,914.49	84.50	1,104,085.51

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

0-WATER

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
TER						
0-5-810-6010	WATER - WAGES	66,000.00	4,796.80	62,528.10	94.74	3,471.90
0-5-810-6110	WATER - FICA (CITY SHARE)	5,049.00	366.96	4,783.54	94.74	265.46
0-5-810-6130	WATER - IPERS (CITY SHARE)	5,900.00	428.36	5,583.81	94.64	316.19
0-5-810-6150	WATER - BLUE CROSS/BLUE SHIELD	23,000.00	1,499.68	16,448.63	71.52	6,551.37
0-5-810-6240	WATER - DUES, MEET, MILEAGE	2,000.00	5.16	660.89	33.04	1,339.11
0-5-810-6310	WATER - PLANT REPAIRS/MAINT	78,597.00	8,500.51	97,797.23	124.43 (	19,200.23)
0-5-810-6320	WATER - BLDG & GROUNDS	33,000.00	2,776.05	12,023.80	36.44	20,976.20
0-5-810-6332	WATER - VEHICLE & EQUIP MAINT	7,000.00	2,867.98	6,327.18	90.39	672.82
0-5-810-6350.2	WATER - MAINS & HYDRANTS	21,750.00	5,730.25	7,742.52	35.60	14,007.48
0-5-810-6350.3	WATER - METERS & ACCESSORIES	140,000.00	7,864.00	79,188.35	56.56	60,811.65
0-5-810-6350.4	WATER - CHEMICALS	290,417.00	23,959.38	205,087.64	70.62	85,329.36
0-5-810-6350.5	WATER - LIME REMOVAL	134,400.00	0.00	45,000.00	33.48	89,400.00
0-5-810-6379	WATER - UTILITIES	165,488.00	7,788.35	91,221.62	55.12	74,266.38
0-5-810-6408	WATER - LIABILITY INSURANCE	50,000.00	0.00	50,000.00	100.00	0.00
0-5-810-6418	WATER - SALES TAX	130,000.00	26,930.01	110,245.67	84.80	19,754.33
0-5-810-6419	WATER - MISC & TESTS	39,820.00	8,792.08	50,836.00	127.66 (	11,016.00)
0-5-810-6490	WATER - CONTRACTS	377,431.00	56,147.42	463,910.02	122.91 (	86,479.02)
0-5-810-6500	WATER - WATER DEPOSITS	30,000.00	33,005.00	58,059.48	193.53 (	28,059.48)
0-5-810-6504	WATER - EQUIPMENT & TOOLS	12,000.00	8,400.82	22,856.88	190.47 (	10,856.88)
0-5-810-6506	WATER - OFFICE EXPENSE	45,000.00	2,938.90	54,874.01	121.94 (	9,874.01)
0-5-810-6801	WATER - WATER REVENUE BOND SIN	525,026.00	468,362.44	503,436.38	95.89	21,589.62
0-5-810-6801.1	WATER - WATER REVENUE BOND SUR	0.00	0.00	0.00	0.00	0.00
TOTAL WATER		2,181,878.00	671,160.15	1,948,611.75	89.31	233,266.25
RANSFERS OUT						
0-5-910-6910	WATER - XFR>WATER SINKING SFR	525,026.00	0.00	525,026.00	100.00	0.00
0-5-910-6910.1	WATER - XFR WATER CAPITAL	200,000.00	0.00	200,000.00	100.00	0.00
TOTAL TRANSFERS OUT		725,026.00	0.00	725,026.00	100.00	0.00
OTAL EXPENDITURES		2,906,904.00	671,160.15	2,673,637.75	91.98	233,266.25

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

0-SEWER

100.00% OF FISCAL YEAR

EPARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
EWER						
10-5-815-6010	SEWER - WAGES	66,000.00	4,796.80	62,528.19	94.74	3,471.81
10-5-815-6110	SEWER - FICA (CITY SHARE)	5,100.00	366.94	4,783.19	93.79	316.81
10-5-815-6130	SEWER - IPERS (CITY SHARE)	5,900.00	428.34	5,583.61	94.64	316.39
10-5-815-6150	SEWER - BLUE CROSS/BLUE SHIELD	23,000.00	1,499.70	17,725.03	77.07	5,274.97
10-5-815-6350	SEWER - EQUIP MAINT	38,100.00	3,627.54	25,411.92	66.70	12,688.08
10-5-815-6350.1	SEWER - LINE MAINT	43,997.00	1,517.14	11,633.70	26.44	32,363.30
10-5-815-6350.2	SEWER - REED BED MAINT	61,500.00	718.57	34,107.83	55.46	27,392.17
10-5-815-6350.4	SEWER - CHEMICALS	0.00	972.52	1,152.12	0.00	(1,152.12)
10-5-815-6379	SEWER - UTILITIES	69,975.00	5,039.44	61,912.29	88.48	8,062.71
10-5-815-6408	SEWER - LIABILITY INSURANCE	50,000.00	0.00	50,000.00	100.00	0.00
10-5-815-6490	SEWER - CONTRACTS	245,913.00	0.00	155,140.42	63.09	90,772.58
10-5-815-6506	SEWER - OFFICE EXPENSE	35,000.00	1,938.10	34,110.26	97.46	889.74
10-5-815-6801	SEWER - SEWER REVENUE BOND SIN	347,000.00	324,283.25	345,362.00	99.53	1,638.00
10-5-815-6801.1	SEWER - SEWER REVENUE SURPLUS	0.00	0.00	0.00	0.00	0.00
10-5-815-6801.2	SEWER - TAPPING FEES	100,000.00	0.00	0.00	0.00	100,000.00
TOTAL SEWER		1,091,485.00	345,188.34	809,450.56	74.16	282,034.44
RANSFERS OUT						
10-5-910-6490.1	SEWER TAPPING XFRS OUT	0.00	0.00	0.00	0.00	0.00
10-5-910-6910	SEWER - XFR > SEWER SINKING SR	347,000.00	0.00	347,000.00	100.00	0.00
10-5-910-6910.1	SEWER - XRF SEWER CAPITAL	200,000.00	0.00	200,000.00	100.00	0.00
TOTAL TRANSFERS OUT		547,000.00	0.00	547,000.00	100.00	0.00
OTAL EXPENDITURES		1,638,485.00	345,188.34	1,356,450.56	82.79	282,034.44

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

5-storm water

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
ORM WATER FEE						
5-5-817-6400	STORM WATER PERMITTING	100,000.00	8,081.63	79,173.66	79.17	20,826.34
5-5-817-6418	STORM WATER FEE - SALES TAX	15,000.00	2,388.99	9,338.33	62.26	5,661.67
5-5-817-6490	STORM WATER - CONTRACTS	20,000.00	19,795.40	33,927.68	169.64	(13,927.68)
5-5-817-6504	STORM WATER - EQUIPMENT	0.00	0.00	320.00	0.00	(320.00)
TOTAL STORM WATER FEE		135,000.00	30,266.02	122,759.67	90.93	12,240.33
ORM WATER TRANSFER						
5-5-910-6910.57	STORM WATER XFR STORM WTR CP	100,000.00	0.00	100,000.00	100.00	0.00
TOTAL STORM WATER TRANSFER		100,000.00	0.00	100,000.00	100.00	0.00
OTAL EXPENDITURES		235,000.00	30,266.02	222,759.67	94.79	12,240.33

EXPENDITURES REPORT (UNAUDITED)
AS OF: JUNE 30TH, 2015

0-SOLID WASTE

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
NDFILL/GARBAGE						
0-5-840-6490	SOLID WASTE - GARBAGE	400,000.00	38,615.62	400,056.89	100.01	(56.89)
0-5-840-6506	SOLID WASTE - OFFICE EXP, POST	1,500.00	0.00	0.00	0.00	1,500.00
TOTAL LANDFILL/GARBAGE		401,500.00	38,615.62	400,056.89	99.64	1,443.11
TAL EXPENDITURES		401,500.00	38,615.62	400,056.89	99.64	1,443.11

0-TRUST & AGENCY

100.00% OF FISCAL YEAR

PARTMENTAL EXPENDITURES		CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	% OF BUDGET	BUDGET BALANCE
BRARY SERVICES						
0-5-410-6502	SPEC REV - LIB MEM, BOOKS, GRA	5,125.00	306.23	2,159.74	42.14	2,965.26
TOTAL LIBRARY SERVICES		5,125.00	306.23	2,159.74	42.14	2,965.26
RKS						
0-5-430-6310	T & A - G.O.A.L.	0.00	0.00	0.00	0.00	0.00
0-5-430-6311	T & A ROLOW MEMORIAL	0.00	0.00	0.00	0.00	0.00
TOTAL PARKS		0.00	0.00	0.00	0.00	0.00
ANSFERS OUT						
0-5-910-6910	T & A GOAL XFR > SPORTS COMPLE	0.00	0.00	0.00	0.00	0.00
TOTAL TRANSFERS OUT		0.00	0.00	0.00	0.00	0.00
N-PROGRAM REVENUE						
0-5-950-6499	SPEC REV - ECONOMIC DEVELOPME	10,000.00	0.00	0.00	0.00	10,000.00
TOTAL NON-PROGRAM REVENUE		10,000.00	0.00	0.00	0.00	10,000.00
TAL EXPENDITURES		15,125.00	306.23	2,159.74	14.28	12,965.26

HERITAGE AT GRIMES PLAT 3

PRELIMINARY PLAT

SHEET INDEX:

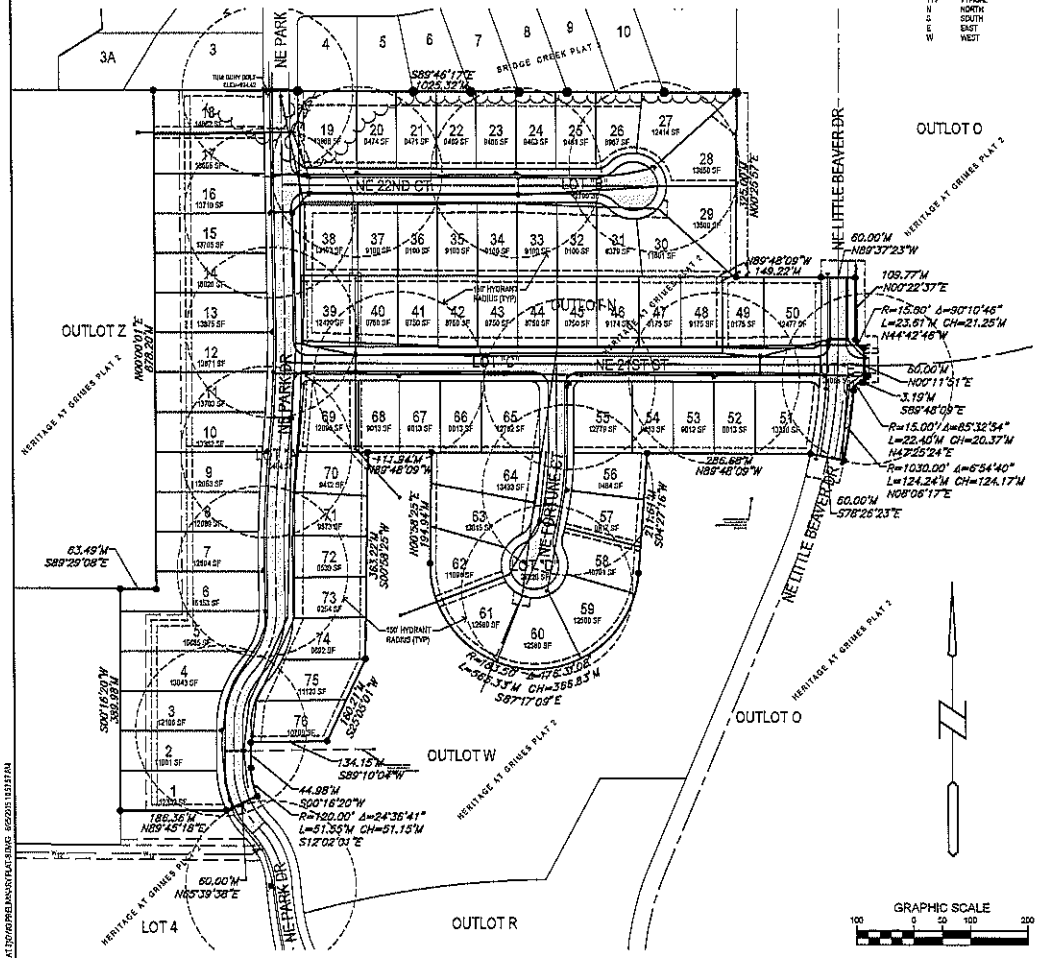
1 COVER SHEET
2 LAYOUT PLAN SOUTH
3 LAYOUT PLAN NORTH
4 GRADING & UTILITY PLAN SOUTH
5 GRADING & UTILITY PLAN NORTH

ABBREVIATIONS:

AC	ACRES
ASPH	ASPHALT
BK	BOOK
CONC	CONCRETE
D	BEDDING DISTANCE
EX	EXISTING
ENCL	ENCLOSURE
FF	FINISHED FLOOR
FL	FLOWLINE
FRAC	FRACTIONAL
M	MEASURED DISTANCE
MH	MANHOLE
P	PLATTED DISTANCE
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PRA	PREVIOUSLY RECORDED AS
PUE	PUBLIC UTILITY EASEMENT
ROW	RIGHT-OF-WAY
SF	SQUARE FEET
SAN	SANITARY
TYP	TYPICAL
N	NORTH
S	SOUTH
E	EAST
W	WEST

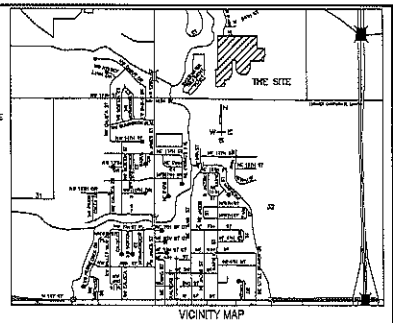
LEGEND:

SAN	SANITARY SEWER
ST	STORM SEWER
W	WATER LINE
G	GAS LINE
	STORM MANHOLE
	CURB INTAKE
	SURFACE INTAKE
	FLARED END SECTION
	SANITARY MANHOLE
	CLEANOUT
	FIRE HYDRANT
	SPRINKLER
	IRRIGATION CONTROL VALVE
	WATER VALVE
	WATER SHUT OFF
	PROPERTY CORNER - FOUND AS NOTED
	PROPERTY CORNER - PLACED 3/4" IRON PIPE WITH YELLOW PLASTIC CAP ID #14775
	SECTION CORNER - FOUND AS NOTED



GRAPHIC SCALE

100 0 50 100 200



VICINITY MAP
SCALE: 1" = 1000'

OWNER / PREPARED FOR:

BEAVERBROOKE DEVELOPMENT COMPANY
4410 MERLE HAY RD
DES MOINES, IA 50310

PROPOSED ZONING:

PUD: PLANNED UNIT DEVELOPMENT
UNDERLYING ZONING:
SINGLE FAMILY TYPE 1 (PER PLANNED UNIT DEVELOPMENT)
BUILDING SETBACKS:
FRONT YARD = 30 FEET
SIDE YARD = 7 FEET ONE SIDE, 14 FEET COMBINED TOTAL
REAR YARD = 25 FEET

BENCHMARK:

CITY BENCHMARK GSM-005: BURY BOLT ON FIRE HYDRANT LOCATED ON THE EAST SIDE OF NORTH JAMES STREET BY THE NW CORNER OF LOT ADDRESS 1605. ELEVATION = 824.41 (USGS DATUM)

CITY BENCHMARK CHISELED SQUARE IN NORTHWEST END OF REINFORCED CONCRETE BOX CULVERT FOR LITTLE CREEK AT JAMES STREET. ELEVATION = 926.60 (USGS DATUM)

CITY BENCHMARK ARROW ON FIRE HYDRANT LOCATED AT NORTHEAST CORNER OF N. 11TH STREET AND JAMES STREET. ELEVATION = 937.06 (USGS DATUM)

CONSTRUCTION SCHEDULE:

GRADING	BY OTHERS
UTILITIES	FALL 2015
PAVING	SPRING 2016

GENERAL NOTES:

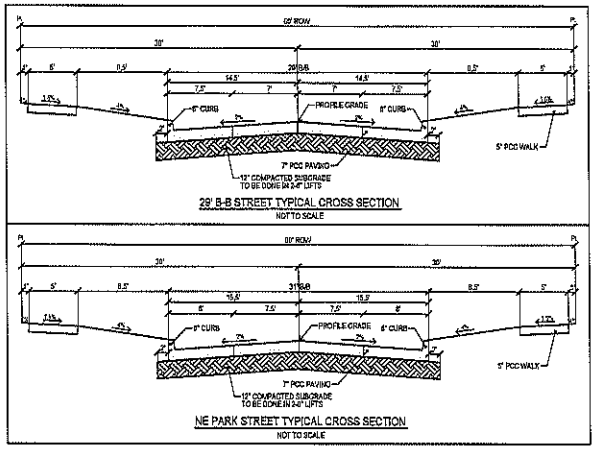
1. SEE PAVEMENT CROSS SECTION DETAIL FOR PAVEMENT THICKNESS REQUIREMENTS.
2. PAVEMENT THICKNESS AND CROSS SECTION DESIGN IS DICTATED BY CITY OF GRIMES REQUIREMENTS.
3. ALL LOTS ARE AFFECTED BY THE 1,000 FT GRIMES WASTEWATER TREATMENT PLANT SEPARATION DISTANCE AND A LOT WAIVER IS REQUIRED FOR FUTURE WWTP EXPANSIONS.

PROPERTY DESCRIPTION:

HERITAGE AT GRIMES PLAT 3, BEING AN OFFICIAL REPLAT, IS DESCRIBED AS "OUTLOT N" IN HERITAGE AT GRIMES PLAT 2, AN OFFICIAL PLAT, CITY OF GRIMES, POLK COUNTY, IOWA."

SAID TRACT OF LAND BEING SUBJECT TO AND TOGETHER WITH ANY AND ALL EASEMENTS OF RECORD.

SAID TRACT OF LAND CONTAINS 24.562 ACRES.



IOWA ONE CALL 1-800-292-8989

UTILITY NOTE:
THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS AND ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS OF ALL UTILITIES MUST BE ASCERTAINED IN THE FIELD. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.

I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

SIGNED: _____ DATE: _____
LARRY D. HYLER, L.S. 14775
LICENSE RENEWAL DATE: DEC. 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL: SHEET 1-5

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNED: _____ DATE: _____
DAVID B. BENTZ, PE. 17143
LICENSE RENEWAL DATE: DEC. 31, 2015
PAGES OR SHEETS COVERED BY THIS SEAL: SHEETS 1-5

Bishop Engineering
"Planning Your Successful Development"
3501 104th Street
Des Moines, Iowa 50322-3835
Phone: 515.276.4884 Fax: (515) 276-2017
Civil Engineering & Land Surveying Established 1959

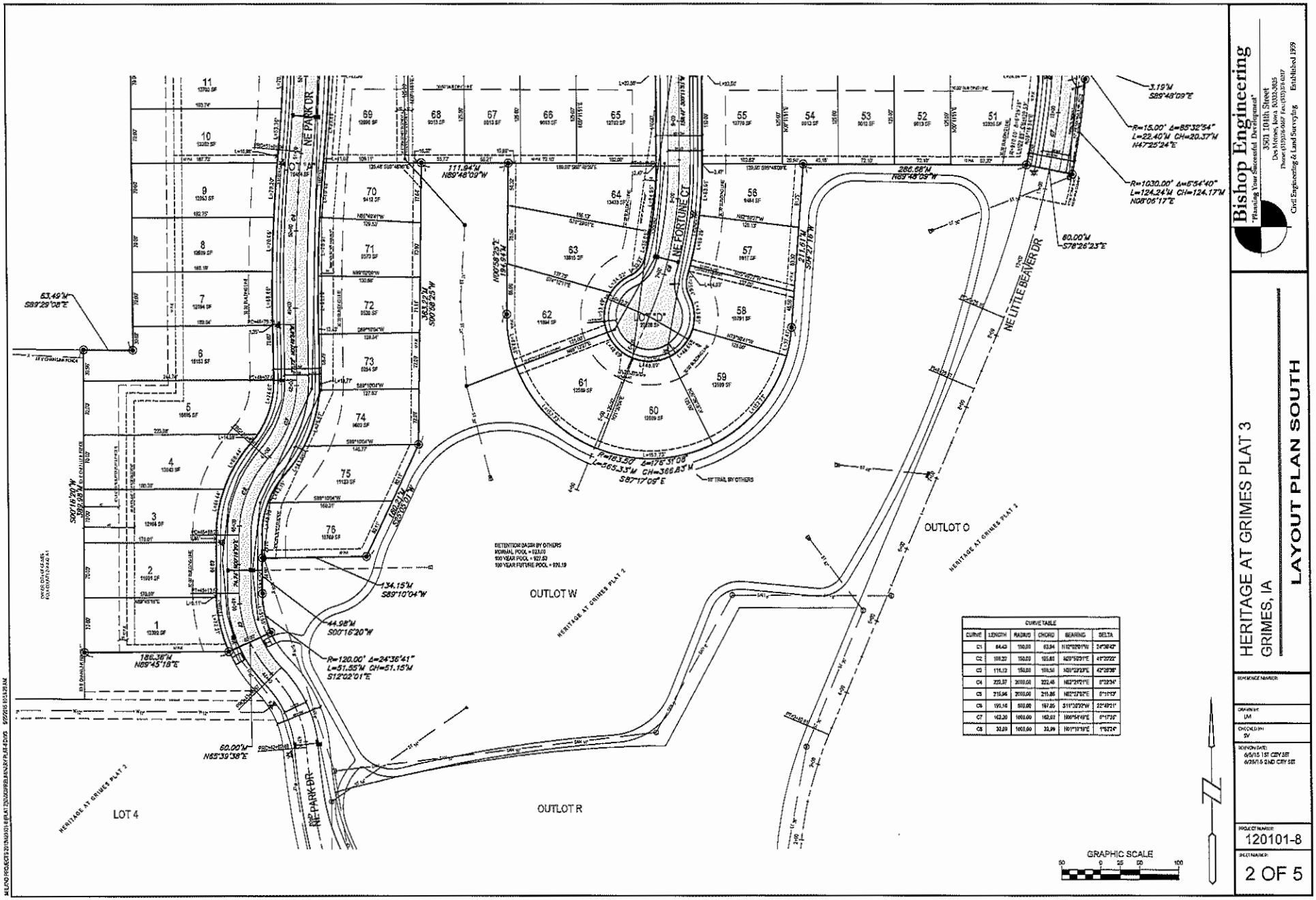
HERITAGE AT GRIMES PLAT 3
GRIMES, IA

COVER SHEET

REFERENCE NUMBER:
DRAWN BY: LM
CHECKED BY: SV
REVISION DATE: 6/5/15 1ST CITY SET 6/26/15 2ND CITY SET

PROJECT NUMBER: 120101-8
SHEET NUMBER: 1 OF 5

M:\PROJECTS\2012\120101-8\PLAT 2\PDF\PRELIMINARY PLAT.DWG 6/25/2015 10:31:57 AM



CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD	BEARING	DELTA
C1	64.43	150.00	63.94	N12°02'01"W	24°36'42"
C2	108.22	150.00	105.85	N29°50'31"E	41°22'22"
C3	111.12	150.00	108.58	N20°23'23"E	42°26'36"
C4	222.37	2000.00	222.48	N02°21'21"E	0°22'34"
C5	215.96	2000.00	215.86	N02°27'02"E	0°11'13"
C6	199.16	500.00	197.85	S11°30'32"W	22°49'21"
C7	162.20	1000.00	162.02	N00°54'40"E	0°17'30"
C8	32.09	1000.00	32.09	N01°10'19"E	1°53'24"

Bishop Engineering
"Planning Your Successful Development"
3501 104th Street
Des Moines, Iowa 50322-3025
Phone: (515)276-0467 Fax: (515)276-0217
Civil Engineering & Land Surveying Established 1959

HERITAGE AT GRIMES PLAT 3
GRIMES, IA

LAYOUT PLAN SOUTH

REFERENCE NUMBER:

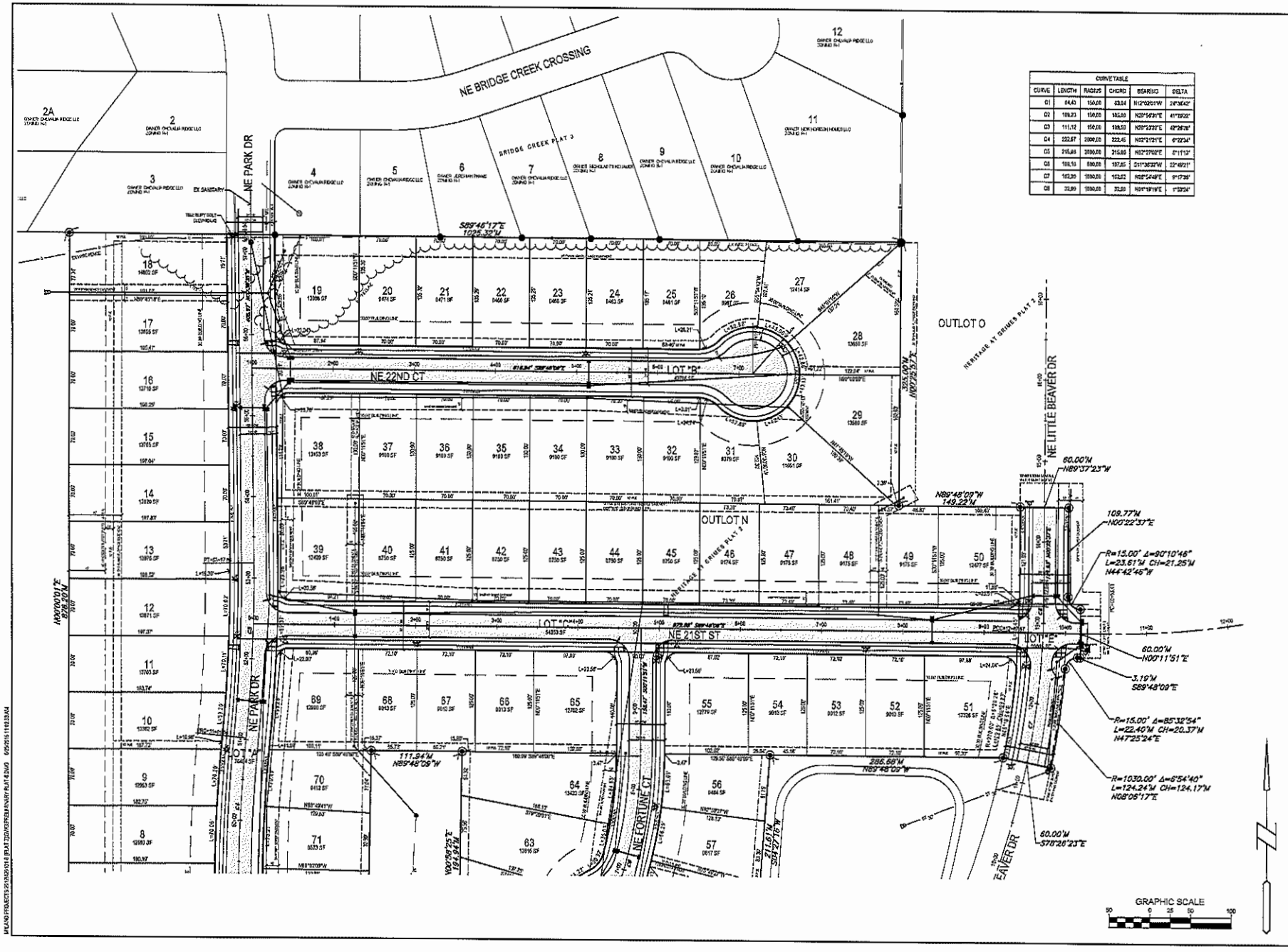
DRAWN BY: LM

CHECKED BY: SV

REVISION DATE: 6/5/15 1ST CITY SET
6/25/15 2ND CITY SET

PROJECT NUMBER: 120101-8

SHEET NUMBER: 2 OF 5



CURVE TABLE					
CURVE	LENGTH	RADIUS	CHORD	BEARING	DELTA
C1	64.43	150.00	63.84	N12°02'01"W	24°36'42"
C2	109.23	150.00	105.80	N20°56'31"E	41°20'22"
C3	111.12	150.00	108.50	N39°23'22"E	42°26'28"
C4	222.67	2000.00	222.45	N82°21'21"E	6°22'34"
C5	215.86	2000.00	215.85	N82°27'02"E	6°11'13"
C6	108.16	500.00	107.85	S11°36'32"W	22°49'21"
C7	162.30	1000.00	162.02	N68°54'48"E	9°17'35"
C8	32.99	1000.00	32.99	N91°19'19"E	1°53'24"

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3501 104th Street
Des Moines, Iowa 50322-3825
Phone:(515)276-0467 Fax:(515)276-0017
Civil Engineering & Land Surveying Established 1959

HERITAGE AT GRIMES PLAT 3
GRIMES, IA

LAYOUT PLAN NORTH

REFERENCE NUMBER:

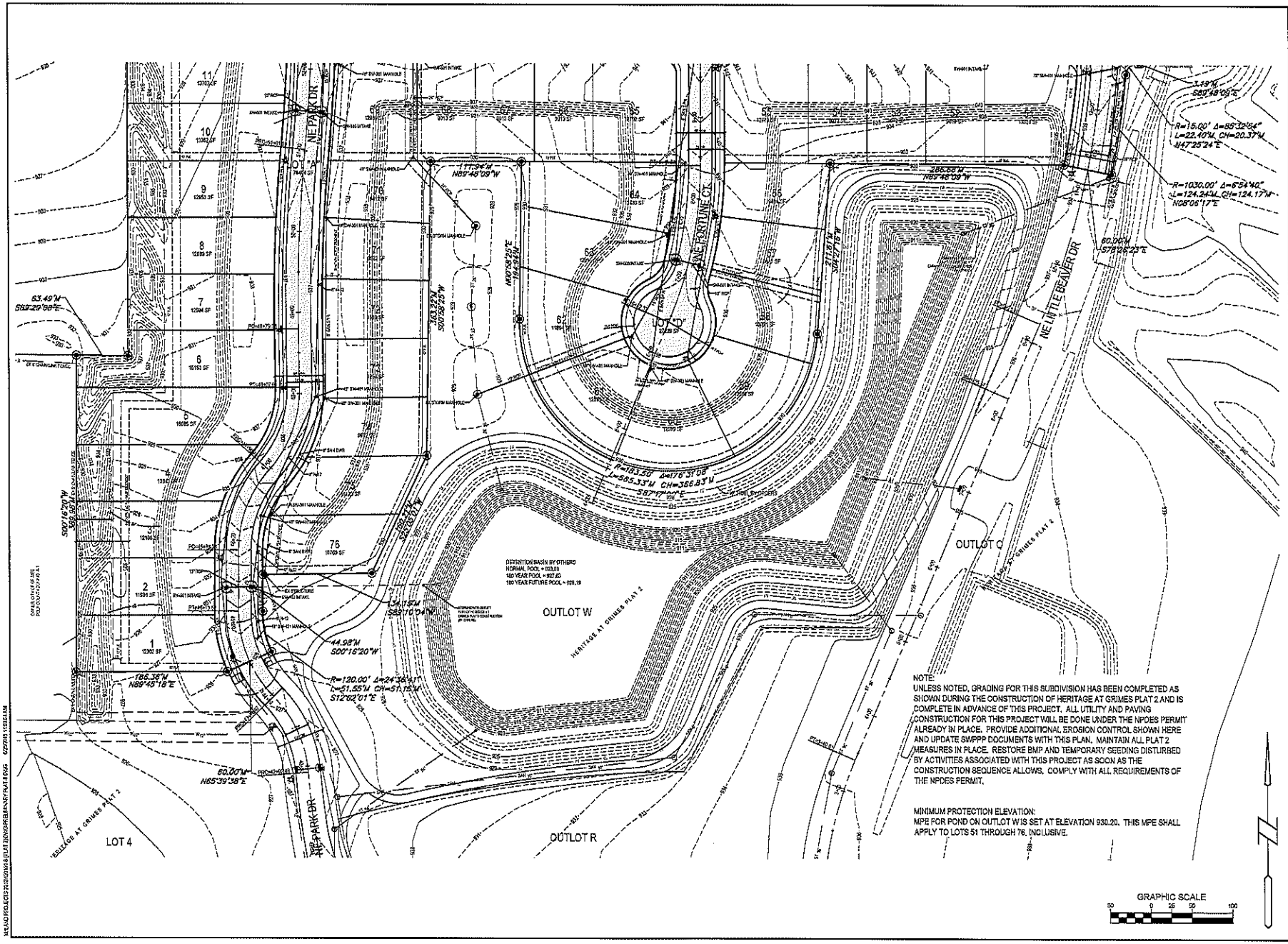
DRAWN BY: LM

CHECKED BY: SV

REVISION DATE: 6/5/15 1ST CITY SET 6/25/15 2ND CITY SET

PROJECT NUMBER: 120101-8

SHEET NUMBER: 3 OF 5



Bishop Engineering
"Planning Your Successful Development"
3501 104th Street
Des Moines, Iowa 50322-3833
Phone (515)276-4567 Fax (515)276-2217
Civil Engineering & Land Surveying Established 1939

HERITAGE AT GRIMES PLAT 3
GRIMES, IA

GRADING & UTILITY PLAN SOUTH

RECORDING NUMBER:

DRAWN BY: LM

CHECKED BY: SV

REVISIONS: 6/5/15 1ST CITY SET
6/25/15 2ND CITY SET

PROJECT NUMBER: 120101-8

SHEET NUMBER: 4 OF 5

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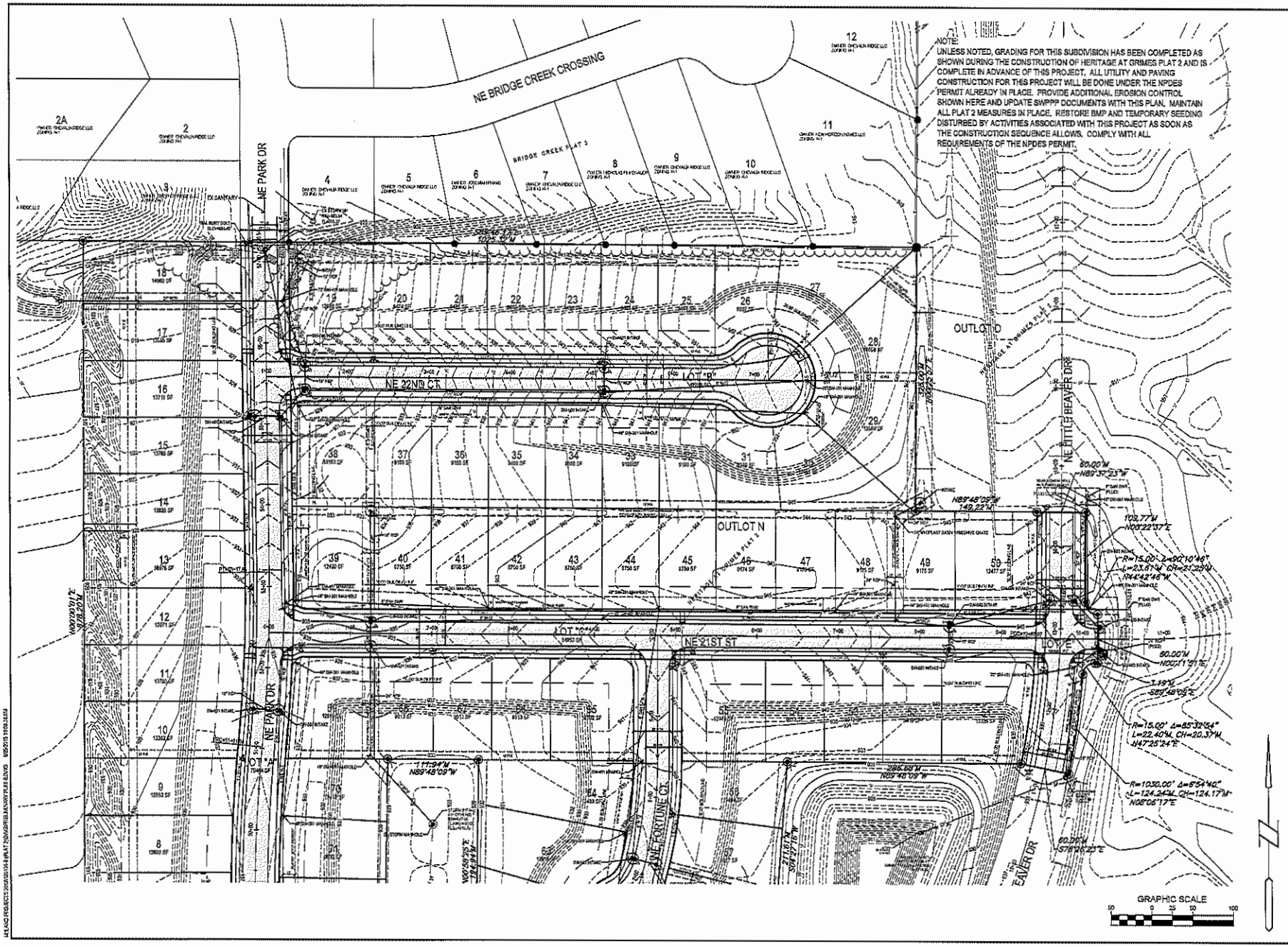


NOTE:
UNLESS NOTED, GRADING FOR THIS SUBDIVISION HAS BEEN COMPLETED AS SHOWN DURING THE CONSTRUCTION OF HERITAGE AT GRIMES PLAT 2 AND IS COMPLETE IN ADVANCE OF THIS PROJECT. ALL UTILITY AND PAVING CONSTRUCTION FOR THIS PROJECT WILL BE DONE UNDER THE NPDES PERMIT ALREADY IN PLACE. PROVIDE ADDITIONAL EROSION CONTROL SHOWN HERE AND UPDATE SWPPP DOCUMENTS WITH THIS PLAN. MAINTAIN ALL PLAT 2 MEASURES IN PLACE. RESTORE BMP AND TEMPORARY SEEDING DISTURBED BY ACTIVITIES ASSOCIATED WITH THIS PROJECT AS SOON AS THE CONSTRUCTION SEQUENCE ALLOWS. COMPLY WITH ALL REQUIREMENTS OF THE NPDES PERMIT.

Bishop Engineering
"Planning Your Successful Development"
3501 104th Street
Des Moines, Iowa 50322-3805
Phone: (515)276-0467 Fax: (515)276-0217
Civil Engineering & Land Surveying Established 1939

HERITAGE AT GRIMES PLAT 3
GRIMES, IA

GRADING & UTILITY PLAN NORTH

REFERENCE NUMBER:

DRAWN BY: LM

CHECKED BY: DV

REVISION DATE: 6/5/15 1ST CITY SET
6/25/15 2ND CITY SET

PROJECT NUMBER: 120101-8

SHEET NUMBER: 5 OF 5

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 29, 2015

Att: David Bentz
Bishop Engineering
3501 104th Street
Des Moines, IA 50322

Heritage at Grimes Plat 3 – Preliminary Plat
FOX Ref No: 8630-04D.213

FOX Engineering and City Staff have completed the first review for Heritage at Grimes Plat 3 as submitted via email on June 25, 2015. Please address the following comments:

1. The decorative fence requirements for certain lots will be shown on the final plat.

2. The following comments are in regard to the proposed streets and sidewalks within the development in relation to the comprehensive plan:
   a. The minimum proposed centerline street radius shall be 300-ft with a design speed of 30 mph (City Standard). We would be willing to accept a 200-ft radius with a design speed of 25 mph per SUDAS. Please revise all centerline street radius accordingly.
   b. It is our understanding that the parallel parking painting along the east right of way of NE Little Beaver will be painted as part of future phases.
   c. Please provide a cross section of the parallel parking area along NE Little Beaver. Please dimension the distance from the centerline of ROW to BOC.

3. There are no planned trails or parks in Plat 3. The trail along the pond will be completed as part of Plat 2 work.

4. FOX has reviewed the plan in regard to the proposed sanitary sewer within the development in relation to the comprehensive plan and have no further comments.

5. FOX has reviewed the plan in regard to the proposed water main within the development in relation to the comprehensive plan and have no further comments.

6. The following comments are in regard to the proposed storm sewer & drainage plans within the development in relation to the comprehensive plan and have no further comments.

PRELIMINARY PLAT SCHEDULE:

PLANNING & ZONING: July 7, 2013 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2013 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact John Gade at (515) 233-0000. The City reserves the right to modify or add to these comments.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz

Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 29, 2015

Att: David Bentz
Bishop Engineering
3501 104th Street
Des Moines, IA 50322

Chevalia Valley Plat 2 – Preliminary Plat
FOX Ref No: 8630-05J.215

FOX Engineering has completed the second review for Chevalia Valley Plat 2 dated June 26, 2015. Please address the following comments:

1. 166.08, FOX Engineering has reviewed the proposed sanitary sewer within this development in relation to the Comprehensive Plan:
    a. Please label the size of the existing sanitary sewer along the edge of the plat. Please show the existing sanitary sewer along Lots 1-8.

2. 166.08, FOX Engineering has reviewed the proposed water main within this development in relation to the Comprehensive Plan and have no further comments.

3. 166.08, FOX Engineering has reviewed the proposed storm sewer within this development in relation to the Comprehensive Plan:
    a. The drainage swale along the north property boundary appears to be very flat. In general, for slopes less than 1%, a subdrain is required as per SUDAS design guide.
    b. Please provide a stormwater management concept plan that provides a summary of the proposed storm water management plan and detention. This concept plan should provide basic information. No calculations or model reports are required.
    c. Please eliminate the proposed culvert under the N. James Street sidewalk (Structure #33 & #34). The ditch along N. James Street has a 100-yr flood elevation of approximately 911.00. This culvert will cause tail water to enter the subdivision near Lot 21 & 31. Please grade these lots to the east.
    d. Please revise the MPE's for Lots 8-20. See FEMA's floodplain cross sections.
    e. Please show the 100-yr flood elevations.
    f. Please note that it appears Lots 14-20 are too low in the rear yards and will be considered part of the FEMA 100-yr floodplain. Please raise the rear yards accordingly.
    g. Please add a flap gate on ST#9B-1 to prevent the 100-yr flood from entering the storm sewer.

4. 166.08, FOX Engineering has reviewed the proposed major streets and access locations within this development in relation to the Comprehensive Plan :
    a. Please proposed centerline street radius does not meet the SUDAS horizontal curve radius requirements for a local street. FOX recommends increasing the centerline radius to 100-ft and post the speed limit at 20 mph. Discussion is necessary if you desire to keep the 60-ft and post 15 mph.

5. 166.08, FOX Engineering has reviewed the proposed trails and sidewalks within this development in relation to the Comprehensive Plan:
    a. The Developer is required to install the trail along the outside of the subdivision as part of their parkland dedication requirements as noted on the plans.

6. 166.08, FOX Engineering has reviewed the proposed parkland requirements for this development. There is an existing parkland dedication agreement for Chevalia Valley. The parkland fees will be waived due to the developer installing the proposed 8-ft trail around the property. FOX has supplied the Developer with the proposed construction plans for the trail.

PRELIMINARY PLAT SCHEDULE:

PLANNING & ZONING: July 7, 2013 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2013 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact John Gade or Mitch Holtz at (515) 233-0000. The City reserves the right to modify or add to these comments.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz

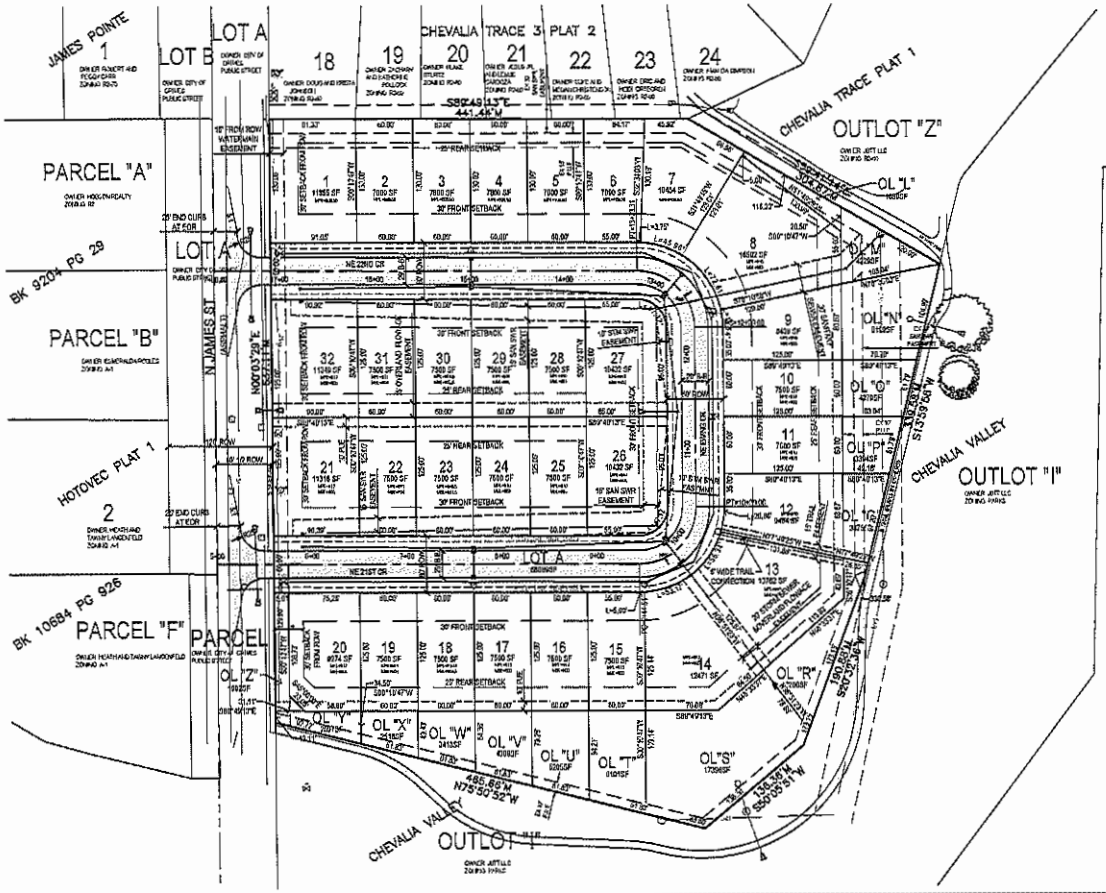
Mitch Holtz, P.E.

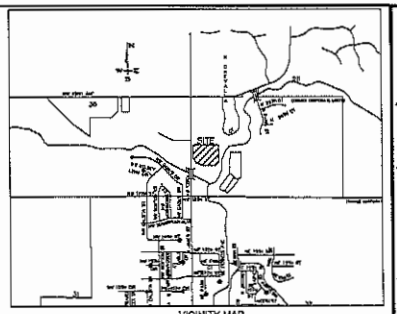
Copy to: Kelley Brown, City of Grimes
Scott Clyce, Building Inspector

PRELIMINARY - NOT FOR CONSTRUCTION

CHEVALIA VALLEY 2
PRELIMINARY PLAT

SHEET INDEX:
1 OF 2 LAYOUT PLAN
2 OF 2 GRADING & UTILITY PLAN





VICINITY MAP
SCALE: 1" = 1500'

PROPERTY DESCRIPTION:
LOT 43 OF CHEVALIA VALLEY AN OFFICIAL PLAT OF GRIMES, POLK COUNTY, IOWA.

SAID TRACT OF LAND BEING SUBJECT TO AND TOGETHER WITH ANY AND ALL EASEMENTS OF RECORD.

SAID TRACT OF LAND CONTAINS 8.89 ACRES MORE OR LESS.

SITE ADDRESS:
2205 NORTH JAMES STREET
GRIMES, IOWA 50111

OWNER / PREPARED FOR:
PEOPLES TRUST AND SAVINGS BANK
1031 UNIVERSITY AVE
CLIVE, IA 50325

PROPOSED ZONING:
PUD - RESIDENTIAL, SINGLE FAMILY
1. BULK REGULATIONS CONSISTENT WITH R-5HD ZONING PER GRIMES CITY CODE WITH THE EXCEPTION OF A 5 FOOT MEDIAN BOULEVARD SETBACK (ON EACH SIDE).
2. ALL UNITS SHALL HAVE A MINIMUM OF A TWO CAR ATTACHED GARAGE.

BENCHMARK:
CITY BENCHMARK GSM035: BURY BOLT ON FIRE HYDRANT LOCATED ON THE EAST SIDE OF NORTH JAMES ST BY THE NW CORNER OF LOT ADDRESS 1404.
ELEVATION = 924.41 (USGS DATUM)

GRIMES WASTE WATER TREATMENT PLANT:
ALL LOTS ARE AFFECTED BY THE 1,000-FT GRIMES WASTE WATER TREATMENT PLANT SEPARATION DISTANCE AND A LOT WAIVER IS REQUIRED FOR FUTURE WWTP EXPANSIONS ON EACH LOT.

SURFACE WATER FLOWAGE EASEMENT:
ALL OUTLOTS LOTS Z - I, HAVE A SURFACE FLOWAGE EASEMENT OVER THE ENTIRE OUTLOT.

TRAIL AND PARKLAND DEDICATION NOTES:
THE PARKLAND FEES WILL BE WAIVED DUE TO THE DEVELOPER INSTALLING THE PROPOSED 8 FOOT TRAIL OUTSIDE THE EASTERN AND SOUTHERN PROPERTY BOUNDARY. DESIGN AND PLANS WERE PERFORMED BY FOX ENGINEERING.

VACATION OF EASEMENTS:
THE EXISTING PUES THROUGH OUTLOTS H - Z SHALL BE VACATED. ANY OTHER EXISTING EASEMENTS NOT IDENTIFIED BUT EXISTING WITHIN THE PLAT BOUNDARY HAS THE INTENTION OF BEING VACATED AT THE TIME OF THE FINAL PLAT.

POSTED SPEED LIMIT:
THE POSTED SPEED LIMIT SHALL BE 30MPH.

FOUNDATION DESIGN:
ALL STRUCTURAL FOUNDATIONS SHALL BE DESIGN BY LICENSED PROFESSIONAL ENGINEER TO RESIST HYDROSTATIC FORCES PER FEMA RECOMMENDATIONS.

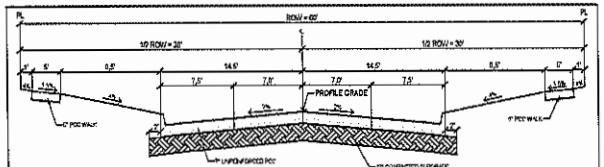
ABBREVIATIONS:

AC	ACRES
ASPH	ASPHALT
BK	BOOK
CONC	CONCRETE
D	DEEDED DISTANCE
EX	EXISTING
ENCL	ENCLOSURE
FF	FINISHED FLOOR
FL	FLOWLINE
FRAC	FRACTIONAL
M	MEASURED DISTANCE
MBE	MINIMUM BASEMENT ELEVATION
MH	MANHOLE
MPE	MINIMUM PROTECTION ELEVATION
OL	OUTLOT
P	PLATTED DISTANCE
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PRA	PREVIOUSLY RECORDED AS
PUE	PUBLIC UTILITY EASEMENT
ROW	RIGHT OF WAY
SF	SQUARE FEET
SAN	SANITARY
TYP	TYPICAL
N	NORTH
S	SOUTH
E	EAST
W	WEST

LEGEND:

SAN	SANITARY SEWER
ST	STORM SEWER
W	WATER LINE
G	GAS LINE
UE	UNDERGROUND ELECTRIC
OE	OVERHEAD ELECTRIC
TELE	TELEPHONE LINE
F/O	FIBER OPTIC
CATV	CABLE TV
	STORM MANHOLE
	CURB INTAKE
	SURFACE INTAKE
	FLARED END SECTION
	SANITARY MANHOLE
	CLEANOUT
	FIRE HYDRANT
	SPRINKLER
	IRRIGATION CONTROL VALVE
	WATER MANHOLE
	WELL
	WATER VALVE
	WATER SHUT OFF
	YARD HYDRANT
	ELECTRIC METER
	POWER POLE
	TRANSFORMER POLE
	LIGHT POLE
	TRANSFORMER
	GUY WIRE
	ELECTRIC MANDHOLE
	GAS METER
	GAS VALVE
	AIR CONDITIONING UNIT
	TELEPHONE RISER
	TELEPHONE VAULT
	TELEPHONE MANHOLE
	TRAFFIC SIGNAL MANHOLE
	FIBER OPTIC RISER
	FIBER OPTIC FAULT
	CABLE TV RISER
	PROPERTY CORNER - FOUND AS NOTED
	PROPERTY CORNER - PLACED 3/4" IRON PIPE WITH YELLOW PLASTIC CAP ID #14775
	SECTION CORNER - FOUND AS NOTED

PLAT BOUNDARY BY OTHERS:
BOUNDARY WORK PERFORMED BY CIVIL ENGINEERING CONSULTANTS BOOK 11733 PAGE 963-973



PAVEMENT CROSS SECTION (29' B/B STREET)
NOT TO SCALE

I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

SCOTT A. CATRON, P.L.S. No. 22232

SIGNED: _____ DATE: _____
SCOTT A. CATRON, P.L.S. 22232
LICENSE RENEWAL DATE: DEC. 31, 2015
PAGES OR SHEETS COVERED BY THIS SEAL:

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNED: _____ DATE: _____
DAVID B. BENTZ, PE. 17143
LICENSE RENEWAL DATE: DEC. 31, 2015
PAGES OR SHEETS COVERED BY THIS SEAL: _____

PRELIMINARY

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GRAPHIC SCALE
60 0 30 60 120

IOWA ONE CALL 1-800-292-8989

UTILITY NOTE:
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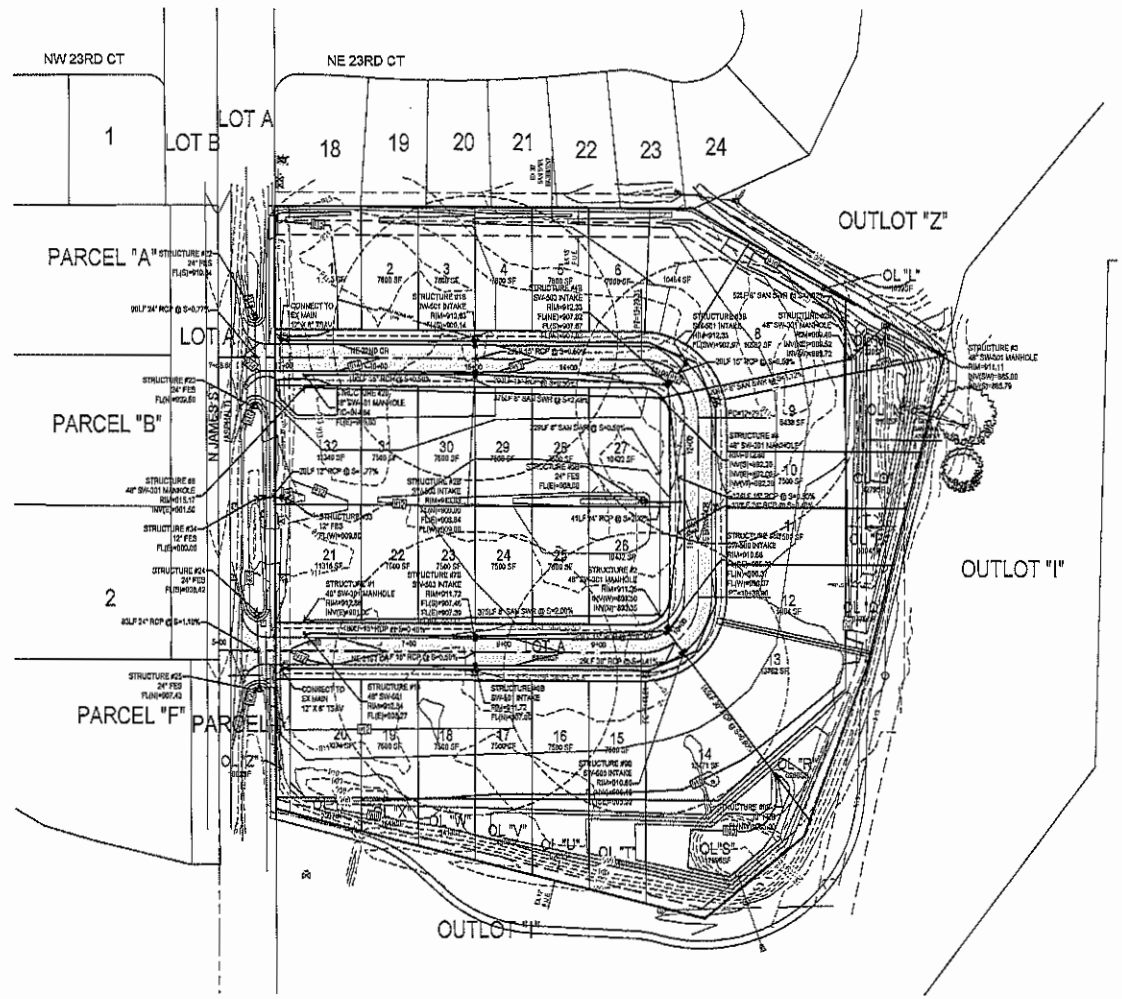
3501 104th Street
Des Moines, Iowa 50322-3825
Phone (515) 253-0467 Fax (515) 254-0217
Civil Engineering & Land Surveying Established 1959

CHEVALIA VALLEY 2
GRIMES, IOWA

PRELIMINARY PLAT

ROMANCE NUMBER:	
DESIGNED BY:	EAV
CHECKED BY:	
REVISION DATE:	6-1-15 PRELIM PLAT 1ST 6-26-15 PRELIM PLAT 2ND
PROJECT NUMBER:	150243
SHEET NUMBER:	1 OF 2

PRELIMINARY- NOT FOR CONSTRUCTION



GRAPHIC SCALE

50 0 30 60 120

Bishop Engineering
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3501 104th Street
Des Moines, Iowa 50322-3825
Phone: (515)276-0467 Fax: (515)276-0217
Civil Engineering & Land Surveying Established 1959

CHEVALIA VALLEY 2
GRIMES, IOWA

GRADING & UTILITY PLAN

REFERENCE NAME(S):

DRAWN BY: EAV

CHECKED BY:

REVISION DATE:
6-5-15 PRELIM PLAT 1ST
6-26-15 PRELIM PLAT 2ND

PROJECT NUMBER: 150243

SHEET NUMBER: 2 OF 2

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 29, 2015

Erin Ollendike
Civil Design Advantage
3405 SE Crossroads
Grimes, IA 50111

Destination Ridge Plat 4 – Final Plat
SE 11th Street
FOX Ref No: 8630-04C.214

Thank you for submitting your project for review. The City of Grimes is committed to assisting you with the completion of this project. FOX Engineering with assistance from David Schneider, PLS, has completed the second review of the Final Plat 4 for SE 11th Street Extension, dated June 29, 2015. Please note the following comments:

1. Please submit a check for Final Plat Fees to the City of Grimes as per Chapter 166.13.

2. 166.09.09, the following shall also be attached to and accompany the Final Plat:
   a. A certificate by the owner that the subdivision is with their free consent and is in accordance with the desire of the owner. This certificate must be signed and acknowledged by the owner and spouse before some officer authorized to that the acknowledgement of deeds.
   b. A statement from the mortgage holders or lien holders that the plat is prepared with their free consent and in accordance with their desire, signed and acknowledged before an officer authorized to take the acknowledgment of deeds.
   c. An opinion by an attorney-at-law who has examined the abstract of title of the land being platted. The opinion shall state the names of the proprietors and holders of mortgages, liens or other encumbrances on the land being platted and shall note the encumbrances, along with any bonds securing the encumbrances.
   d. A resolution and certificate for approval by the Council and signatures of the Mayor and Clerk.
   e. A certificate of the County Treasurer that the land is free from certified taxes and certified special assessments and that the certified special assessments are secured by bond in compliance with Chapter 354 of the Code of Iowa.
   f. Please send FOX (John Gade – jgade@foxeng.com) and the City Attorney (Erik Fisk - Fisk@whitfieldlaw.com) a copy of all the proposed easement descriptions. Please DO NOT send original documents. A pdf of the documents via e-mail is the preferred method.

3. Prior to the approval of the Final Plat, the Developer shall submit a Developer's Agreement addressing the construction of SE 11th Street.

4. Please submit record drawings of the Construction Plans. These drawings shall be completed within 30 days of the acceptance of the Final Plat. These drawings shall include all public improvements. A digital copy of the Final Plat and Record Drawings is also required.

5. Once the Final Plat has been accepted by P&Z and Council, the City requires the following:
   a. Signed PDF
   b. 1 Mylar - Signed
   c. Resolution - The City holds the resolution until all legals, comments, and subdivision punchlist have been addressed.
   d. Filing - The Developer files the plat once the City releases the resolution.

FINAL PLAT SCHEDULE:

PLANNING & ZONING: July 7, 2013 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2013 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000. The City reserves the right to modify or add to these comments.

FOX ENGINEERING ASSOCIATES, INC.

John Gade, P.E.

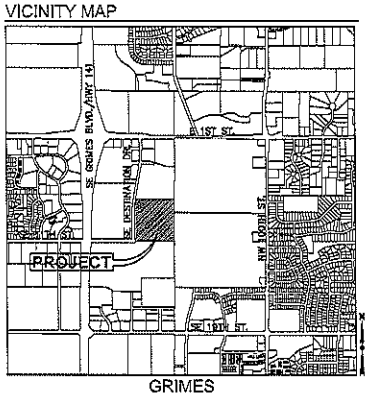
Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Erik Fisk, City Attorney

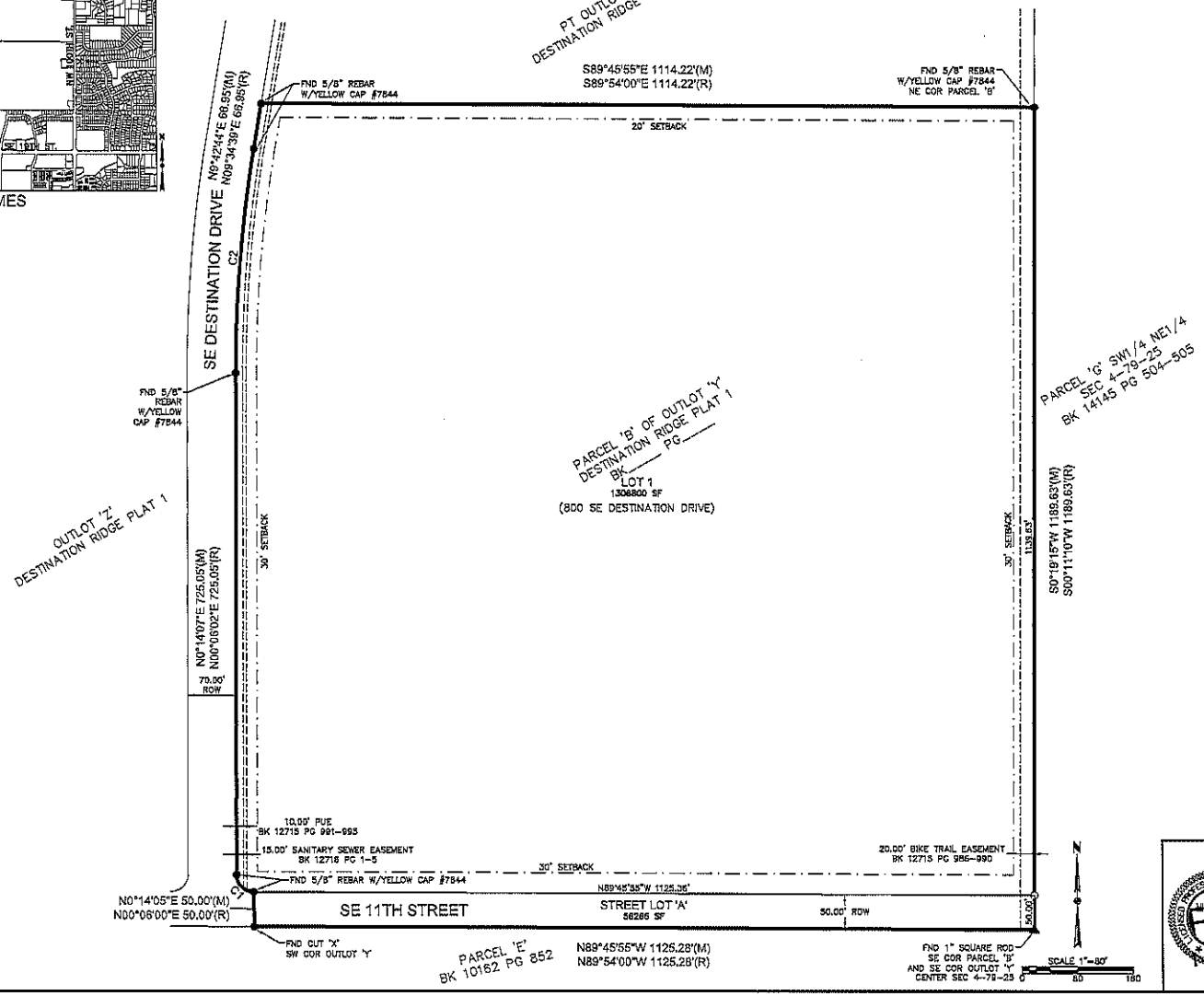
DESTINATION RIDGE PLAT 4

FINAL PLAT

VICINITY MAP



GRIMES



ENGINEER/SURVEYOR:

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR, SUITE G
GRIMES, IOWA 50111

OWNER/DEVELOPER:

EDWARD ROSE MILLENNIAL DEVELOPMENT, LLC
6101 NEWPORT ROAD, PO BOX 3015
KALAMAZOO, MI 49003-3015

DATE OF SURVEY:

FEBRUARY 13, 2015

ZONING:

R-3 HIGH DISTRICT MULTI FAMILY DWELLING DISTRICT

BULK REGULATIONS:

SETBACKS:
FRONT: 30'
SIDE: 20' - 2 STORY
40' - 3 STORY
REAR: 30'

PLAT DESCRIPTION:

PARCEL 'B', A PART OF OUTLOT 'Y' AS SHOWN ON THE SURVEY RECORDED IN BOOK____ PAGE____ DESTINATION RIDGE PLAT 1, AN OFFICIAL PLAT IN THE CITY OF GRIMES, POLK COUNTY, IOWA.

CURVE DATA:

CURVE	DELTA	RADIUS	LENGTH	BEARING	CHORD
(M) C1	90°00'02"	25.00'	39.27'	N44°45'54"W	35.36'
(R) C1	90°00'02"	25.00'	39.27'	N44°53'59"W	35.35'
(M) C2	9°28'37"	1965.00'	325.02'	N4°58'25"E	324.65'
(R) C2	9°28'37"	1965.00'	325.02'	N4°50'20"E	324.65'

NOTE

- INDIVIDUAL PROPERTY OWNERS MAY BE RESPONSIBLE FOR THE CONSTRUCTION OF SIDEWALKS ON THEIR PROPERTY. PRIOR TO CONSTRUCTION OF ANY SIDEWALKS REFER TO THE PROJECT CONSTRUCTION DRAWINGS AND CONFIRM WITH CITY THE LOCATION, WIDTH AND ELEVATION OF SIDEWALKS.
- ANY ELEVATIONS SHOWN ON THE FINAL PLAT WERE PROVIDED BY PROJECT ENGINEER AND ARE NOT CERTIFIED BY THIS SURVEYOR.
- ANY SET MONUMENTATION SHOWN ON THIS PLAT WILL BE COMPLETED WITHIN ONE YEAR FROM THE DATE THIS PLAT WAS RECORDED.
- LOT A WILL BE DEDICATED TO THE CITY OF GRIMES.

LEGEND:

	FOUND	SET
SECTION CORNER AS NOTED	▲	△
1/2" REBAR, YELLOW CAP #16747 (UNLESS OTHERWISE NOTED)	●	○
PLATTED BEARING & DISTANCE	P	
MEASURED BEARING & DISTANCE	M	
RECORDED BEARING & DISTANCE	R	
DEEDED BEARING & DISTANCE	D	
MINIMUM PROTECTION ELEVATION	MPE	
PUBLIC UTILITY EASEMENT	P.U.E.	
CENTERLINE		
SECTION LINE		
EASEMENT LINE		

I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

PRELIMINARY
NOT FOR CONSTRUCTION

MICHAEL D. PETERSEN
16747
LICENSED PROFESSIONAL LAND SURVEYOR
STATE OF IOWA

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2015

PAGES OR SHEETS COVERED BY THIS SEAL:

THIS SHEET

REVISIONS	DATE
SECOND SUBMITTAL	5/29/15
REVISED	6/11/15
FIRST SUBMITTAL	7/31/15

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

DESTINATION RIDGE PLAT 4
FINAL PLAT
GRIMES, IOWA

1/1

1412.590

FILE: K:\DATA\PROJECTS\1412.590\DESIGN\PLAT\DESTINATION RIDGE PLAT 4 FINAL PLAT.DWG
PLOTTED: 7/31/2015 9:51 AM BY: CLARK, STEVEN

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

July 2, 2015

Dean Roghair, P.E.
Civil Design Advantage
3405 SE Crossroads Drive, Suite G
Grimes, IA 50111

Autumn Park – Final Plat 6
FOX Ref No: 8630-06K.237

FOX Engineering with assistance from David Schneider, PLS, has completed the second review for Autumn Park Final Plat 6. Please address the following comments:

1. 166.09.09, the following shall also be attached to and accompany the Final Plat:
   a. A certificate by the owner that the subdivision is with their free consent and is in accordance with the desire of the owner. This certificate must be signed and acknowledged by the owner and spouse before some officer authorized to that the acknowledgement of deeds.
   b. A statement from the mortgage holders or lien holders that the plat is prepared with their free consent and in accordance with their desire, signed and acknowledged before an officer authorized to take the acknowledgment of deeds.
   c. An opinion by an attorney-at-law who has examined the abstract of title of the land being platted. The opinion shall state the names of the proprietors and holders of mortgages, liens or other encumbrances on the land being platted and shall note the encumbrances, along with any bonds securing the encumbrances.
   d. A resolution and certificate for approval by the Council and signatures of the Mayor and Clerk.
   e. A certificate of the County Treasurer that the land is free from certified taxes and certified special assessments and that the certified special assessments are secured by bond in compliance with Chapter 354 of the Code of Iowa.

2. Prior to acceptance of the Final Plat the Developer should dedicate parkland based on Grimes Code Chapter 159 and as per the Developer's Agreement for Autumn Park with the City of Grimes in regard to Parkland Dedication.

3. Please provide a 4-year maintenance bond for all the pavement and utilities that will be dedicated to the city. The City Engineer shall review the cost estimates for all improvements to verify the bond amount. Note that the City will not accept the final plat until all improvements (this includes temporary and permanent seeding/stabilization) have been installed unless a performance bond or letter of credit is submitted to the City of Grimes (all Punchlist Items shall be addressed). Prior to the City releasing the resolution, all public improvements shall be completed and accepted by the City. All City invoices shall be paid prior to release of the final plat.

4. Please DO NOT send original copies of the plats to the City of Grimes. The City does NOT require originals to be stamped. The approval of the plat is the signed resolution by City Council. Note that the signed resolution will not be given to the Developer until all items have been addressed.

5. Once the Final Plat has been accepted by P&Z and Council, the City requires the following:
   a. Signed PDF
   b. 1 Mylar - Signed
   c. Resolution - The City holds the resolution until all legals, comments, and subdivision punchlist have been addressed.
   d. Filing - The Developer files the plat once the City releases the resolution.

6. Please submit record drawings of the Construction Plans. These drawings shall be completed within 30 days of the acceptance of the Final Plat. These drawings shall include all public improvements. A digital copy of the Final Plat and Record Drawings is also required.

FINAL PLAT SCHEDULE:

PLANNING & ZONING: July 7, 2015 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2015 at 5:30 at the Grimes City Hall

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000. The City reserves the right to modify or add to these comments.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz

Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Erik Fisk, City Attorney

AUTUMN PARK PLAT 6

CITY OF GRIMES, POLK COUNTY, IOWA

FINAL PLAT

OWNER/DEVELOPER:

GRIMES LOTS, L.L.C.
2400 86TH STREET, SUITE 24
URBANDALE, IOWA 50322-4306

ENGINEER/SURVEYOR:

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR, SUITE G
GRIMES, IOWA 50111

DATE OF SURVEY:

JANUARY 13, 2015

ZONING & BULK REGULATIONS

R-4 PLANNED RESIDENTIAL DEVELOPMENT DISTRICT

LOTS 1-26; R2-70 UNDERLYING ZONING

MIN. LOT WIDTH = 70' WITH NO RESTRICTION ON THE NUMBER OF LOTS ABOVE 75' IN WIDTH.
MIN. FRONT YARD = 30'
MIN. REAR YARD = 25'
MIN. SIDE YARD = 1-1/2 STORY 7'/14' TOTAL
2 STORY 7'/15' TOTAL

LOTS 27-34; R2-60 UNDERLYING ZONING

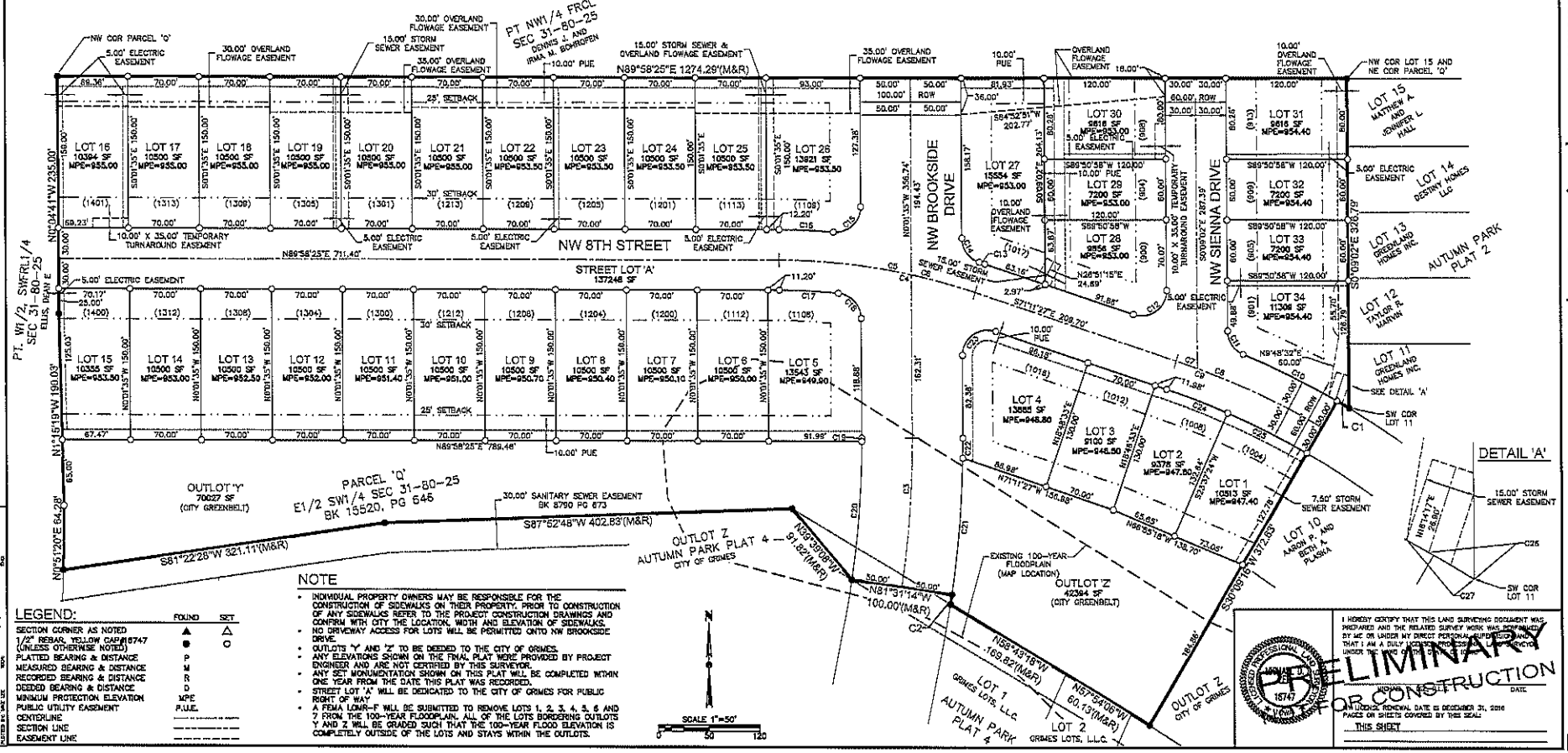
MIN. LOT WIDTH = 60' WITH NO RESTRICTION ON THE NUMBER OF LOTS ABOVE 65' IN WIDTH.
MIN. FRONT YARD = 30'
MIN. REAR YARD = 25'
MIN. SIDE YARD = 1-1/2 STORY 7'/14' TOTAL
2 STORY 7'/15' TOTAL

CURVE DATA:

CURVE	DELTA	RADIUS	LENGTH	BEARING	CHORD
C1	0°59'07"	830.00'	14.27'	S59°21'11"E	14.27'
(M&R) C2	0°31'01"	1050.00'	9.47'	N6°44'16"E	9.47'
C3	8°30'21"	1000.00'	148.45'	N4°13'35"E	148.32'
C4	18°50'08"	600.00'	197.25'	S80°36'31"E	196.36'
C5	12°35'31"	600.00'	131.86'	S83°43'50"E	131.60'
C6	6°14'36"	600.00'	65.38'	S74°16'46"E	65.35'
C7	1°36'36"	800.00'	22.48'	S70°23'09"E	22.48'
C8	9°44'08"	800.00'	135.93'	S84°42'47"E	135.76'
C9	11°20'43"	800.00'	158.41'	S83°31'05"E	158.15'
C10	8°08'39"	630.00'	117.98'	N82°55'07"W	117.85'
C11	66°51'14"	25.00'	29.17'	S33°34'39"E	27.54'
C12	106°57'35"	25.00'	47.54'	N54°19'46"E	40.70'
C13	0°31'23"	630.00'	5.75'	S71°27'08"E	5.75'
C14	71°41'14"	25.00'	31.28'	S35°52'12"E	29.28'
C15	94°53'14"	25.00'	41.40'	N47°25'02"E	36.83'
C16	4°53'14"	630.00'	53.74'	S87°34'58"E	53.72'
C17	5°52'36"	570.00'	58.46'	N87°05'17"W	58.44'
C18	84°07'24"	25.00'	36.71'	N42°05'17"W	33.50'
C19	0°11'47"	950.00'	3.26'	N0°04'18"E	3.26'
C20	6°18'34"	950.00'	137.78'	N4°19'29"E	137.65'
C21	7°24'57"	1050.00'	135.90'	N4°46'17"E	135.81'
C22	1°05'23"	1050.00'	19.97'	N0°31'07"E	19.97'
C23	108°50'08"	25.00'	47.49'	N54°23'28"E	40.66'
C24	4°48'51"	770.00'	64.70'	S88°47'01"E	64.68'
C25	6°31'52"	770.00'	87.77'	S83°06'40"E	87.72'
C26	1°05'14"	830.00'	15.99'	N59°24'44"W	15.99'
C27	1°37'56"	830.00'	23.64'	N58°40'35"W	23.64'

LEGAL DESCRIPTION:

PARCEL 'Q' AS SHOWN ON THE PLAT OF SURVEY RECORDED IN BOOK 15520, PAGE 646 A PART OF PARCEL 'C' AS SHOWN ON THE PLAT OF SURVEY RECORDED IN BOOK 7207, PAGE 394 IN THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 31, TOWNSHIP 80 NORTH, RANGE 23 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF GRIMES, POLK COUNTY, IOWA AND CONTAINING 13.94 ACRES (607,309 SQUARE FEET) THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.



NOTE

- INDIVIDUAL PROPERTY OWNERS MAY BE RESPONSIBLE FOR THE CONSTRUCTION OF SIDEWALKS ON THEIR PROPERTY. PRIOR TO CONSTRUCTION OF ANY SIDEWALKS REFER TO THE PROJECT CONSTRUCTION DRAWINGS AND CONFIRM WITH CITY THE LOCATION, WIDTH AND ELEVATION OF SIDEWALKS.
- NO DRIVEWAY ACCESS FOR LOTS WILL BE PERMITTED ONTO NW BROOKSIDE DRIVE.
- OUTLOTS 'Y' AND 'Z' TO BE DEEDED TO THE CITY OF GRIMES.
- ANY ELEVATIONS SHOWN ON THE FINAL PLAT WERE PROVIDED BY PROJECT ENGINEER AND ARE NOT CERTIFIED BY THIS SURVEYOR.
- ANY SET MONUMENTATION SHOWN ON THIS PLAT WILL BE COMPLETED WITHIN ONE YEAR FROM THE DATE THIS PLAT WAS RECORDED.
- STREET LOT 'A' WILL BE DEDICATED TO THE CITY OF GRIMES FOR PUBLIC RIGHT OF WAY.
- A FEMA LOMR-F WILL BE SUBMITTED TO REMOVE LOTS 1, 2, 3, 4, 5, 6 AND 7 FROM THE 100-YEAR FLOODPLAIN. ALL OF THE LOTS BORDERING OUTLOTS Y AND Z WILL BE GRADED SUCH THAT THE 100-YEAR FLOOD ELEVATION IS COMPLETELY OUTSIDE OF THE LOTS AND STAYS WITHIN THE OUTLOTS.

LEGEND:

	FOUND	SET
SECTION CORNER AS NOTED	▲	△
1/2" REBAR, YELLOW CAP #15747 (UNLESS OTHERWISE NOTED)	●	○
PLATTED BEARING & DISTANCE	P	
MEASURED BEARING & DISTANCE	M	
RECORDED BEARING & DISTANCE	R	
DEEDED BEARING & DISTANCE	D	
MINIMUM PROTECTION ELEVATION	MPE	
PUBLIC UTILITY EASEMENT	P.U.E.	
CENTERLINE		
SECTION LINE		
EASEMENT LINE		

SCALE 1"=50'

I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

PRELIMINARY
NOT FOR CONSTRUCTION

DATE

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL:
THIS SHEET

REVISIONS	DATE
SECOND SUBMITTAL	6/30/15
FIRST SUBMITTAL	5/28/15

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER: | TECH:
CIVIL DESIGN ADVANTAGE
GRIMES, IOWA

AUTUMN PARK PLAT 6
FINAL PLAT

1/1
1412.604

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

July 2, 2015

Shane Devick, P.E.
Civil Engineering Consultants, Inc.
2400 86th Street Unit 12
Des Moines, Iowa 50322

Eagle Sign Site Plan
605 SW 37thStreet
Grimes, IA 50111
FOX Ref No: 8630-04F.279

The City of Grimes and FOX Engineering has completed the second review of the site plan for the Eagle Sign project, dated July 1, 2015, and offer the following comments:

Sheet 2 – Dimension & Landscape Plan:

1. Please show driveway as per SUDAS 7030.101 (Type A with Radii), with end of return being 1-ft from the existing curb. The curb does not need to taper to "zero" as there is no sidewalk, but can be carried through to the north.
2. Please show the location and detail of the trash enclosure (by Architect)
3. Please show the method for screening for the mechanical equipment location (by Architect).

Sheet 3 – Grading & Utility Plan:

4. Please eliminate the 12"x12"x8" TEE note as it will not be needed when connecting with an 8" TS&V.
5. Please add slope labels to the accessible parking detail to indicate that the curb ramps shall not exceed 8.3%. Note that it is desirable to design the accessible ramps to 6.25% to allow for construction tolerances. If the ramp is above 8.3%, it will be out of tolerance and will need to be reconstructed. The same note applies to the "landing" area which should be designed at 1.5% to allow for tolerance (2% maximum). Please provide a title for the detail shown on Sheet 3.
6. Please provide erosion control for the roof drains.
7. Please show the location of the sprinkler control room.
8. Please show the location of the domestic service into the structure and where the curb stop is located.
9. Please show the fire department connection (FDC) as required by the Fire Department.

Sheets 4 and 5 – Storm Water Pollution Prevention Plan:

10. Please submit a City of Grimes Grading/Certification for Development form.
11. Please provide information on hazardous spill reporting and response as per IDNR Guidelines:
    a. Who is responsible for reporting/notification
    b. Should state the time requirements for reporting
    c. Who is responsible for coordinating clean-up
    d. Who is to be called and phone numbers for those agencies (DNR, local Sheriff's office, City, & ?)
    e. Who is filing written reports
    f. The DNR spill reporting phone number changed on July 1st to 515-725-8694
12. Please have the owner sign the owner's certification for the approved submittal.

Storm Water Management Plan:

13. Please summarize the pertinent portions of the 2005 Storm Water Management Plan for the Grimes Industrial Park. Please verify that all site improvements fall within the assumptions of the approved regional stormwater management plan.

Lighting Plan

14. The Developer has stated that no lighting is proposed as part of this site plan, but will be submitted at a later date.

Elevation Plan

15. It is highly recommended that you bring detailed building materials and color schemes with you to P & Z.

Post Construction Stormwater Agreement

16. Please submit a post construction stormwater agreement for this development. The agreement should identify all existing and proposed stormwater facilities that require inspections as per the ordinance.

SITE PLAN SUBMITTAL SCHEDULE:

PLANNING & ZONING: July 7, 2015 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2015 at 5:30 at the Grimes City Hall

Once all comments are addressed, please send a .pdf of the revised site plan to msh@foxeng.com for review.

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Scott Clyce, City of Grimes

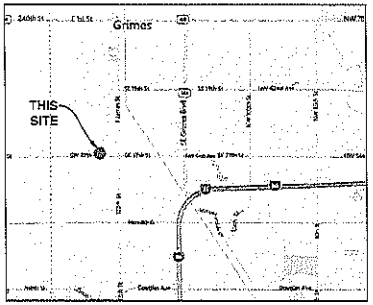
SITE PLAN DRAWINGS

EAGLE SIGN

GRIMES, IOWA

605 SW 37th STREET, GRIMES, IOWA

SKUNK HOLLOW, L.L.C.



VICINITY MAP

NORTH
NO SCALE

PROPOSED LAND USE
BUILDING FOR SIGN MANUFACTURING

BUILDING SETBACKS
FRONT YARD - 25'
REAR YARD - 25', EXCEPT FOR EVERY FOOT FRONT YARD IS INCREASED, REAR YARD MAY DECREASE IN DIRECT PROPORTION, TO NO LESS THAN 10' MINIMUM
SIDE YARD - 0' EXCEPT WHEN ADJOINING 'R' DISTRICT OR STREET, THEN 25'

ZONING
M-2 LIGHT INDUSTRIAL DISTRICT

UTILITIES
WATER SUPPLY - US WATER CORP.
SEWAGE DISPOSAL PROVISION - US WATER CORP.
ALL UTILITIES SHALL BE UNDERGROUND

OPEN SPACE M-2
REQUIRED - 10% = 16,918 SQ. FT.
PROVIDED - 164,175 SQ. FT.

SITE AREAS

BUILDING	- 22,400 SQ. FT.	- 9.85%
IMPERVIOUS	- 36,306 SQ. FT.	- 15.96%
OPEN SPACE	- 164,175 SQ. FT.	- 74.01%
TOTAL	- 227,169 SQ. FT.	- 100%

PARKING REQUIREMENTS
ONE (1) PARKING SPACE FOR EACH THREE (3) EMPLOYEES ON THE MAXIMUM WORKING SHIFT, BUT IN NO CASE LESS THAN ONE (1) SPACE FOR EACH ONE THOUSAND (1,000) SQUARE FEET OF GROSS FLOOR AREA.

CURRENT EMPLOYEES = 24.

CALCULATION USED FOR THIS SITE PLAN
1 PARKING SPACE PER 1,000 SQ. FT.
22,400 SF/1000 = 22.4X = 23 STALLS
REQUIRED - 23 SPACES
PROVIDED - 33 INCLUDING 2 HANDICAP SPACE

BENCHMARK
GRIMES INDUSTRIAL PARK PLAT 1
GRIMES BURY BOLT ON HYD 200' WEST OF BROOKSIDE DRIVE AND BROOKSIDE CIRCLE ON THE SOUTH SIDE OF BROOKSIDE CIRCLE 1006.500

GRIMES INDUSTRIAL PARK PLAT 1
GRIMES BURY BOLT ON HYD 300' NORTH OF (37th STREET) NW 54TH AVENUE AND BROOKSIDE CIRCLE ON THE EAST SIDE OF BROOKSIDE CIRCLE 1007.

City of Grimes Standard Notes for Site Plans:

1. **General Notes:**
   a. All work shall be done in accordance with the current version of the Urban Standards Specifications for Public Improvements on the date of approval and the City of Grimes Supplemental Specifications.
   b. A preconstruction meeting is required prior to the start of construction. The Contractor shall be responsible to coordinate this meeting. Contact Brandt Williamson with FOX Engineering (515.233.0000).
   c. All permits (IDNR, IDOT, Army Corp., etc.) shall be obtained prior to the start of construction.
   d. The Developer and/or Contractor shall be responsible to provide the City of Grimes with Record Drawings of all improvements as per City standard procedures.
   e. A Knox box is required by the fire department and shall be obtained at City Hall.
   f. All site lighting shall not spill onto adjacent properties or right-of-ways.

2. **Sanitary Sewer Notes:**
   a. The Contractor is required to place a temporary plug in the existing downstream sanitary sewer manhole prior to the start of construction. The plug shall be removed following approval of construction by the City of Grimes.
   b. Sanitary gravity pipe material shall be PVC SDR 26 or Truss (8" to 15").
   c. Sanitary gravity service pipe material shall be PVC SDR 23.5 (4" to 6").
   d. All sanitary sewer manholes shall have steps.
   e. All sanitary sewer manholes castings shall be sealed with interior chimney seals.
   f. All sanitary sewer manhole castings located within pavement shall be boxed out.
   g. Sanitary Sewer testing & televising (8" to 15") shall be completed prior to paving. The sewer system shall be flushed with water prior to televising.

3. **Water Main Notes:**
   a. All fire hydrants shall be American Flow Control-Waterous Pacer WB-67-250, Mueller Super Centurion 250 (3-way A-423), or Clow Medallion F-2545. All hydrants shall have the following: 6" MJ Shoe, 2-1/2" Hose Nozzle, 4-1/2" Steamer Nozzle, NST Threads, Pentagon Operating Nut, Chain on cap, open left, 5-1/2' bury, and factory painted red. The minimum spool pipe length from auxiliary valve to hydrant shoe shall be 2.0'.
   b. All hydrants will immediately be covered with a black plastic bag (or equivalent) once the hydrant is installed. The City of Grimes will notify the Contractor when the bags can be removed.
   c. A tracer wire receptacle shall be installed at each hydrant.
   d. All valves shall be resilient wedge gate valves.
   e. Water service shall be 1-inch minimum type K copper.
   f. Proposed Water Main shall be pressure tested and chlorinated by the Developer. The filling of the water main shall be done by the City of Grimes. The Bacteria test and submittal of test to lab shall be done by the Developer and results provided by FAX to US Water at 515-986-7300. If the test does not pass, the Contractor will be required to pay for all the water used to repeat the test.

4. **Storm Sewer Notes:**
   a. All storm sewer in the ROW shall be RCP, unless otherwise approved by the City.
   b. All flared end sections shall have footings and apron grates. The last 3 pipe sections and the flared end section on all culverts shall be tied. All storm sewer joints shall be wrapped with engineering fabric.
   c. The Contractor is responsible for repairing any field tile damaged during construction. The tile should be directed to public storm sewer if possible. The Contractor shall record the elevation and location of all tiles.
   d. All sump service lines shall have tracer wire.

OWNER
SKUNK HOLLOW LLC
POB 2048
WATERLOO, IA 50704-2048

ADDRESS
605 SW 37th STREET
GRIMES, IA 50111

CONSTRUCTION SCHEDULE
BEGIN - AUGUST, 2015
FINISH - AUGUST, 2016

LEGAL DESCRIPTION
LOT 1, GRIMES INDUSTRIAL PARK PLAT 1, AN OFFICIAL PLAT RECORDED IN BK 13014 PG 871-102 AT THE POLK COUNTY RECORDER'S OFFICE, CITY OF GRIMES, POLK COUNTY, IOWA.

GRADING NOTES
1. STRIP TOPSOIL (6") FROM ALL AREAS WHICH ARE TO BE FILLED OR CUT FOR BORROW.
2. ALL AREAS TO RECEIVE STRUCTURAL FILL SHALL BE BENCHED.
3. PREPARE BOTTOM OF BENCH FOR FILL BY DISCING TO A DEPTH OF 4 INCHES AND COMPACT. ANY LOCALIZED AREAS WHICH CANNOT BE SATISFACTORILY COMPACTED OR WHICH SHOW EVIDENCE OF PUMPING ACTION SHALL BE UNDERCUT AND RECOMPACTED WITH ONSITE FILL MATERIALS.
4. ALL FILL SHALL BE COMPACTED TO A DENSITY THAT IS NOT LESS THAN 95.0%.
5. ALL AREAS WHICH ARE TO RECEIVE PAVING SHALL HAVE THE TOP 12-INCHES DISCED AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
6. MAINTAIN ALL CUT AND FILL AREAS TO ACCOMMODATE SURFACE DRAINAGE.
7. GRADING CONTRACTOR SHALL STOCKPILE TOP SOIL FOR SHOULDERING.
8. FINISHED GRADE ON ALL NON-PAVED AREAS SHALL BE WITHIN 0.20 FOOT OF PLAN GRADE. PARKING LOTS AND STREETS SHALL BE WITHIN 0.10 FOOT.
9. THE CONTRACTOR SHALL PROTECT ALL STRUCTURES AND UTILITIES. ANY DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER OF THE UTILITIES.
10. MAXIMUM ALLOWABLE GRADE ON ALL PROPOSED SLOPES IS 3:1.
11. TOPSOIL SHALL BE SPREAD TO A MINIMUM THICKNESS OF 6 INCHES ON ALL DISTURBED AREAS.
12. BACKFILL TO TOP OF ALL CURBS.
13. MOISTURE CONTENT SHALL NOT DEVIATE FROM OPTIMUM BY MORE THAN 2% IN STRUCTURAL FILL.
14. EROSION CONTROL BY USE OF SILT FENCES OR STRAW BALES SHALL BE MAINTAINED AROUND STORM INTAKES UNTIL PAVING AND SODDING ARE COMPLETED.
15. ALL ELEVATIONS ARE TO THE GUTTER UNLESS NOTED OTHERWISE.
16. GRADING CONTRACTOR SHALL REFER TO AND FOLLOW ALL RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT BY ALLENDER BUTZKE - PN 151340.
17. THE GRADING CONTRACTOR SHALL HAVE THE RESPONSIBILITY OF IMPLEMENTING THE MEASURES CONTAINED IN THIS PLAN. - ALL CONTRACTORS AND SUBCONTRACTORS SHALL SIGN A CERTIFICATION STATEMENT BEFORE CONDUCTING ANY PROFESSIONAL SERVICE AT THE SITE RELATING TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT.

PAVING NOTES
1. ALL PAVING WITHIN THE CITY RIGHT-OF-WAY (DRIVEWAY APPROACHES AND SIDEWALKS) SHALL REQUIRE OBSERVATION BY THE CITY. CONTACT CITY HALL TO SCHEDULE OBSERVATION SERVICES (515-986-5030).
2. ALL PROPOSED PARKING LOT PAVING SHALL BE 6" P.C.C.

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

DRAWING INDEX

1. COVER
2. DIMENSION & LANDSCAPE
3. GRADING & UTILITY
4. BUILDING ELEVATIONS
5. SWPPP NOTES SHEET 1 of 2
6. SWPPP PLAN SHEET 2 of 2

GENERAL LEGEND

PROPOSED	
	PLAT BOUNDARY
	SECTION LINE
	LOT LINE
	CENTERLINE
	EASEMENT LINE
	FLARED END SECTION
	DRAIN BASIN OR SEDIMENT RISER
	DRAIN BASIN WITH SOLID GRATE
	WATER VALVE
	FIRE HYDRANT ASSEMBLY
	BLOW-OFF HYDRANT
	SCOUR STOP MAT
	TURF REINFORCEMENT MAT
STM 24"	STORM SEWER WITH SIZE
W 8"	WATER SEWER WITH SIZE
W	WATER SERVICE
925	PROPOSED CONTOUR
SF	SILT FENCE
1234	ADDRESS
RIPRAP	RIPRAP

EXISTING	
	LOT LINE
	SANITARY/STORM MANHOLE
	WATER VALVE
	FIRE HYDRANT
	STORM SEWER SINGLE INTAKE
	STORM SEWER DOUBLE INTAKE
	STORM SEWER ROUND INTAKE
	FLARED END SECTION
	DECIDUOUS TREE
	CONIFEROUS TREE
	SHRUB
	POWER POLE
	STREET LIGHT
	GUY ANCHOR
	ELECTRIC TRANSFORMER
	GAS METER
	TELEPHONE RISER
	SIGN
-CATV-	UNDERGROUND TELEVISION
-UGE-	UNDERGROUND ELECTRIC
-G-	UNDERGROUND GAS
-UGFO-	UNDERGROUND FIBER OPTIC
-UGT-	UNDERGROUND TELEPHONE
-OHW-	OVERHEAD ELECTRIC
-SAN 8"-	SANITARY SEWER WITH SIZE
-STM 24"-	STORM SEWER WITH SIZE
-W 8"-	WATER MAIN WITH SIZE
926	EXISTING CONTOUR
	TREELINE
B.S.L.	BUILDING SETBACK LINE
P.U.E.	PUBLIC UTILITY EASEMENT
M.O.E.	MINIMUM OPENING ELEVATION

CERTIFICATION

SHANE J. DEVICK 16507 — LICENSED PROFESSIONAL ENGINEER — IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SHANE J. DEVICK, IOWA LIC. NO. 16507 — DATE
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL: 1 - 5

CEC
Civil Engineering Consultants, Inc.
2400 86th Street, Unit 12 . Des Moines, Iowa 50322
515.276.4884 . Fax: 515.276.7084 . mail@ceclas.com

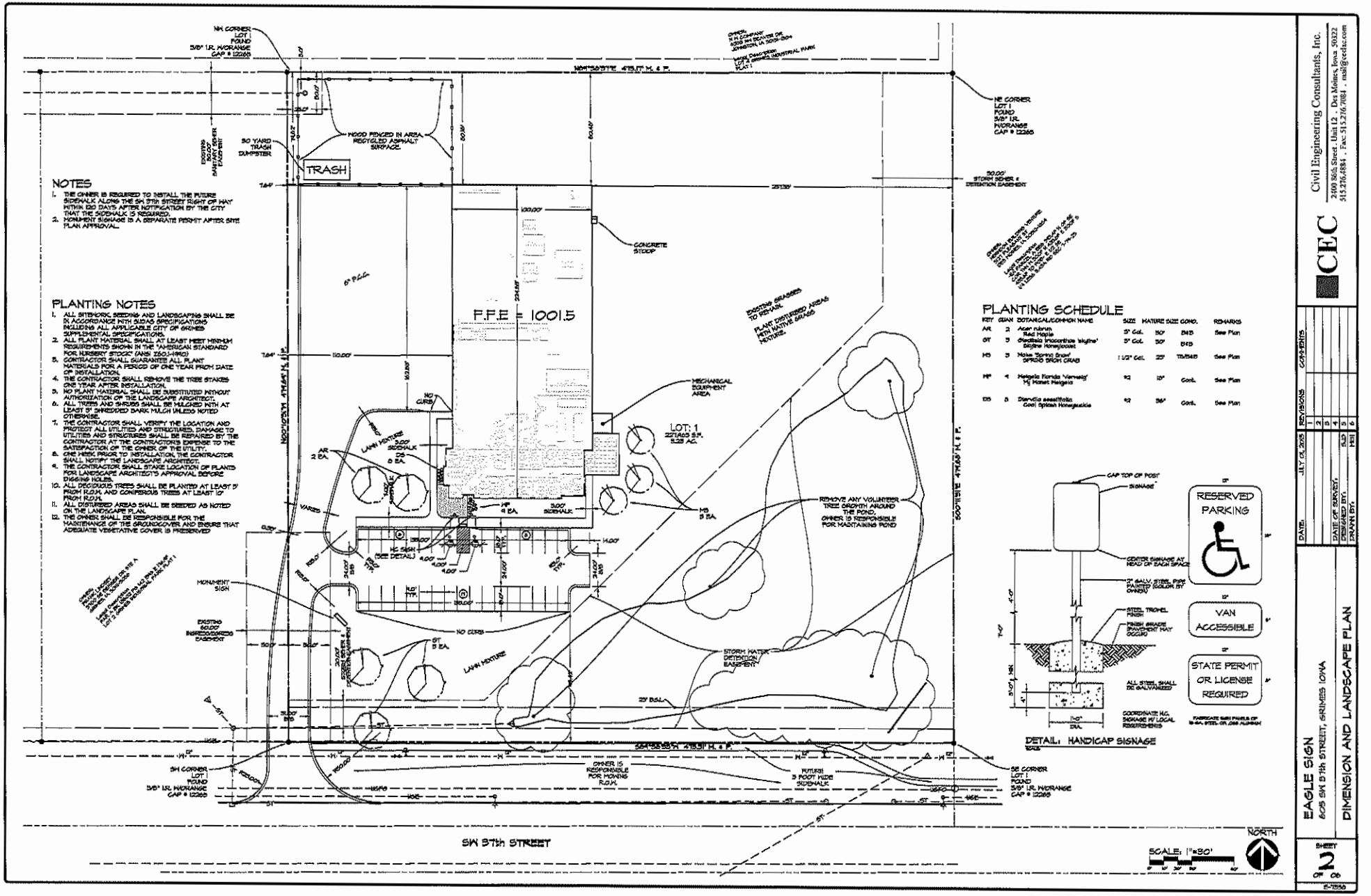
DATE:	REVISIONS	CONCERNS
JULY 01, 2015	1	
	2	
	3	
DATE OF SURVEY:	4	
DESIGN BY:	5	
DRAWN BY:	6	

EAGLE SIGN
605 SW 37th STREET, GRIMES IOWA

COVER

SHEET 1 OF 6

15-7256



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DATE	REVISIONS	COMMENTS
JULY 01, 2015	1	
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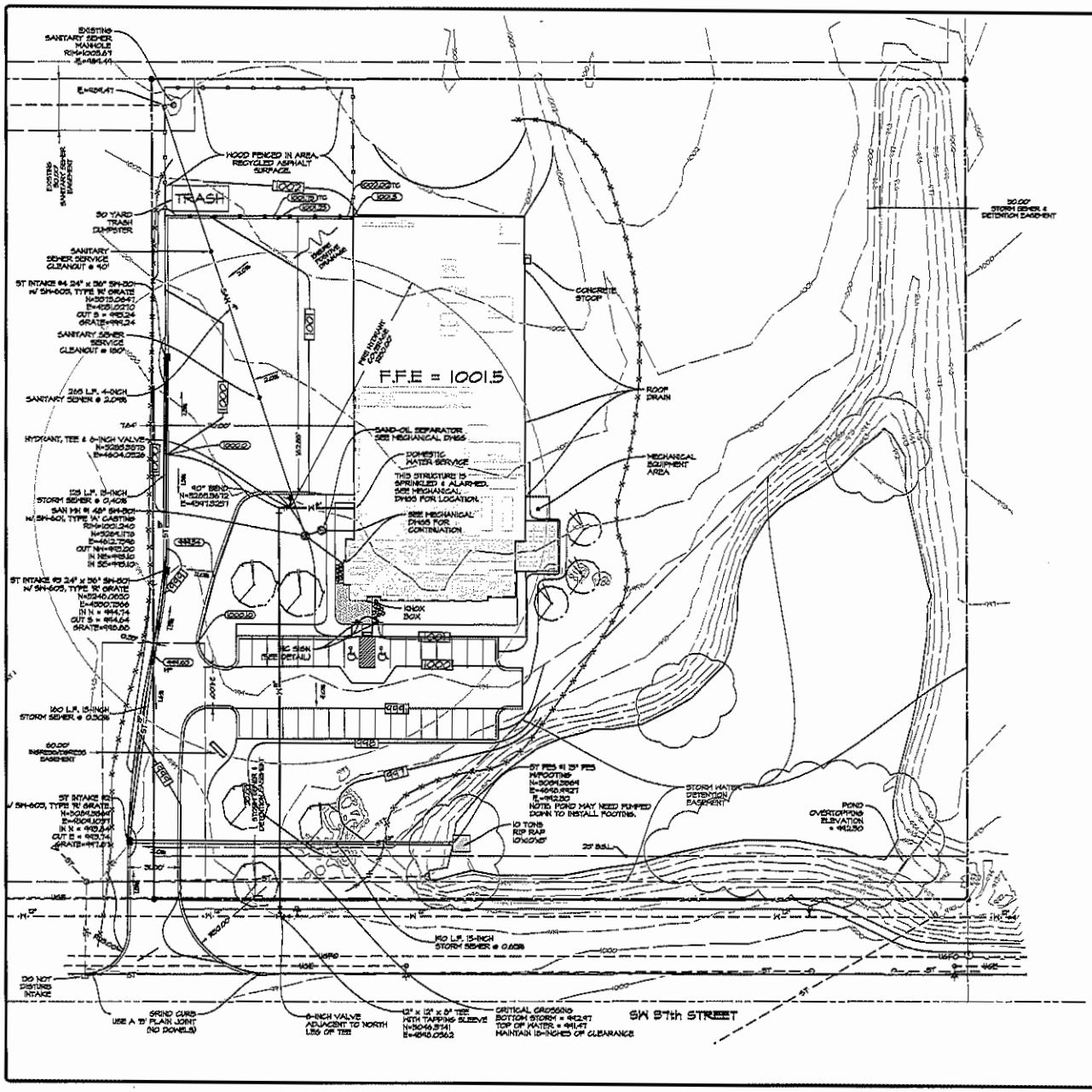
DATE OF SURVEY:
DRAWN BY: RJD
CHECKED BY: HSJ
DRAWN BY:

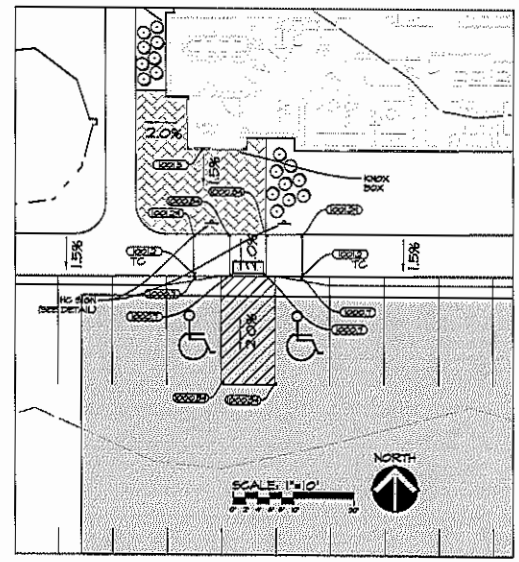
EAGLE SIGN
605 SW 37th STREET, GRIMES IOWA

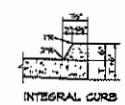
DIMENSION AND LANDSCAPE PLAN

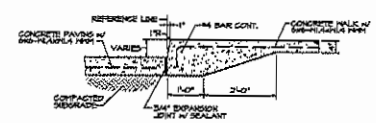
SHEET 2 OF 06

E-15556

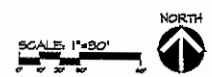








DETAIL: INTERGRAL CURB AND SIDEWALK
NO SCALE



CEC
Civil Engineering Consultants, Inc.
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DATE:	JULY 01, 2005	REVISIONS	COMMENTS
		1	
		2	
DATE OF SURVEY:		3	
DESIGNED BY:	SJD	4	
DRAWN BY:	MEH	5	
		6	

EAGLE SIGN
605 SW 37th STREET, GRIMES IOWA

GRADING AND UTILITY PLAN

SHEET 3 OF 06

E-7356

EAGLE SIGN
605 SW 37th STREET, GRIMES IOWA

BUILDING ELEVATIONS

SHEET 4 OF 06

DATE:	JULY 01, 2025
DATE OF SURVEY:	
DESIGNED BY:	S.B
DRAWN BY:	PSH

	REVISIONS	COMMENTS
1		
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CEC

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2400 86th Street, Unit 12 . Des Moines, Iowa 50322
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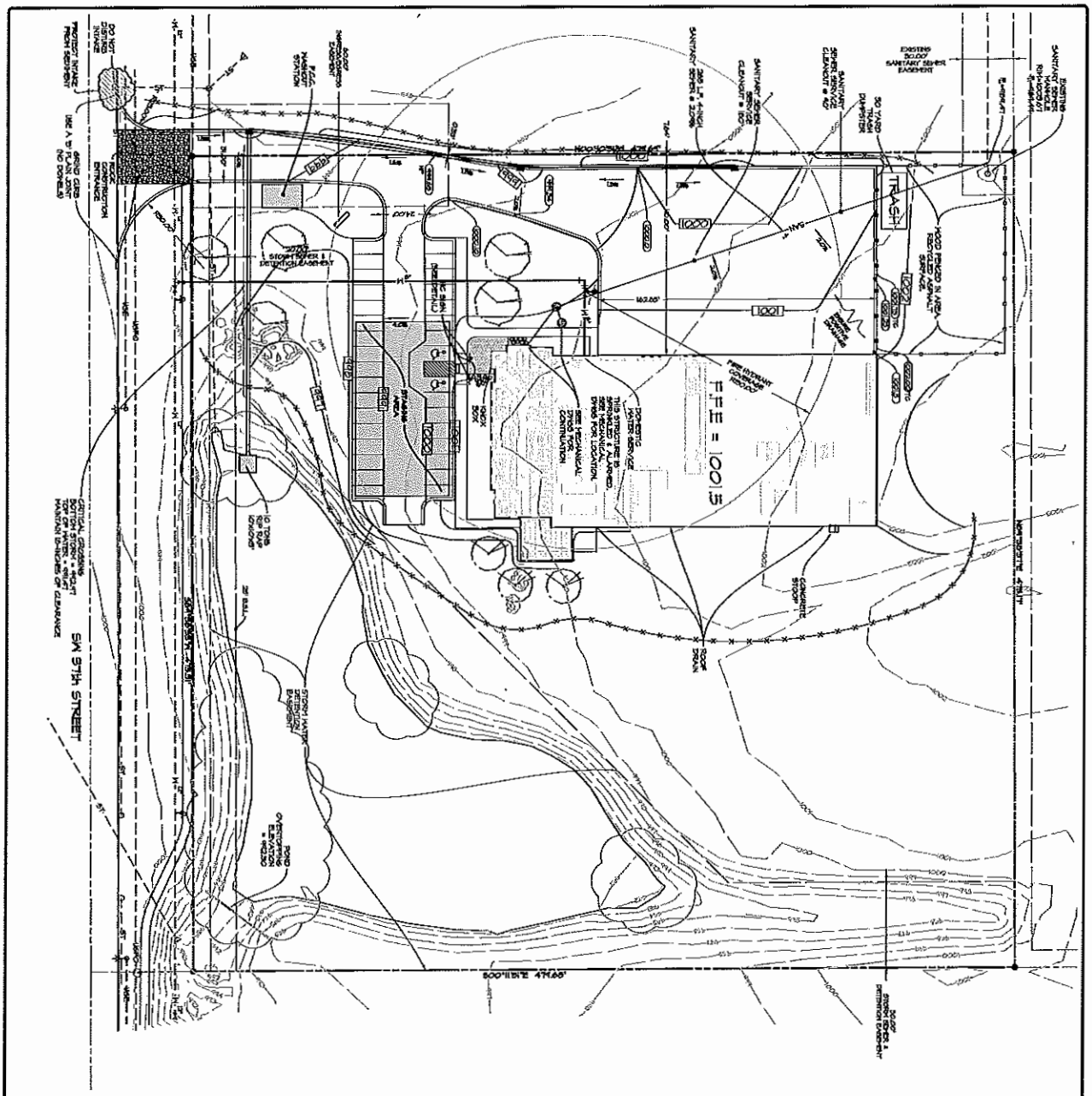
C:\E-FILES\E-7000\E7258_CSD Drawings\Site Plan\E7258 SP Grading & Utility.dwg, 7/1/2015 1:12:01 PM, mark2, 1:1



EAGLE SIGN GRIMES, IA	DATE: JULY 01, 2015	REVISIONS	COMMENTS	CEC	Civil Engineering Consultants, Inc.
		1			2400 86th Street , Unit 12 . Des Moines, Iowa 50322
		2			515.276.4884 . Fax 515.276.7081 . mail@ceciac.com
	DATE OF SURVEY:	3			
SWPPP PLAN	DESIGNED BY:	4			
	DRAWN BY:	5			
		6			

SHEET 01 OF 08

E-7000

STORM WATER POLLUTION PREVENTION PLAN

1. SITE DESCRIPTION/APPLICANT/SCHEDULE

OWNER/APPLICANT: SIGNIK HOLLOW I, L.L.C., PO BOX 2045, WATERLOO, IOWA 50704
- LOCATION: PART OF SW 1/4, SECTION 7, TOWNSHIP 79 NORTH, RANGE 23 WEST OF THE 5TH P.M.
- NATURE OF CONSTRUCTION ACTIVITY: GRADING FOR AND CONSTRUCTION OF A COMMERCIAL SITE PLAN FOR A SIGN MANUFACTURER.
- AREAS: TOTAL SITE AREA = 5.0 ACRES
  SITE AREA AFFECTED = 2.0 ACRES
- RUNOFF COEFFICIENT = 0.65 (RATIONAL METHOD)
- APPROXIMATE SLOPES ANTICIPATED: 4% OR FLATTER.
  - RUNOFF FROM THIS PROJECT WILL FLOW INTO DITCHES TO THE NORTH HALNUT CREEK
  - REFER TO TEAM SERVICES REPORT FOR SITE
- ESTIMATED DATE WORK IS TO COMMENCE: SPRING 2015
- ESTIMATED DATE WORK IS TO BE COMPLETED: SPRING 2016

2. CONTROLS
- EROSION AND SEDIMENT CONTROLS
- STABILIZATION PRACTICES
- EXISTING VEGETATION IS PRESERVED WHEREVER POSSIBLE.
- PERMANENT SEEDING AND/OR SODDING AFTER CONSTRUCTION.
- VEGETATIVE BUFFER STRIPS THROUGHOUT PROJECT.
- PROTECTION OF TREES AND PRESERVATION OF MATURE VEGETATION WHEREVER POSSIBLE.
- STRUCTURAL PRACTICES
- ROCK OUTLET PROTECTION
- SILT FENCES
- DRAINAGE SWALES
- STORM WATER MANAGEMENT
- FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS.
- INFILTRATION OF RUNOFF ON SITE
- VELOCITY DISSIPATION DEVICES AT DISCHARGE LOCATIONS TO PROVIDE NON-EROSIVE VELOCITY FLOWS.
- WASTE DISPOSAL
- ALL MATERIAL WASTES MUST BE REMOVED FROM THE SITE.
- OFF-SITE VEHICLE TRACKING OF SEDIMENTS SHALL BE MINIMIZED.
- STABILIZE THE ENTRANCE WITH 8-INCHES OF LIMESTONE.
- TOTAL COMPLIANCE WITH APPLICABLE STATE/LOCAL WASTE DISPOSAL REGULATIONS.
- CONTROLS MUST BE IN GOOD OPERATING CONDITION UNTIL THE CONSTRUCTION ACTIVITY IS COMPLETE AND FINAL STABILIZATION HAS BEEN REACHED.

3. CONTRACTORS

THE GENERAL CONTRACTOR SHALL HAVE THE PRIMARY RESPONSIBILITY OF IMPLEMENTING THE MEASURES CONTAINED IN THIS PLAN.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL SIGN A CERTIFICATION STATEMENT BEFORE CONDUCTING ANY PROFESSIONAL SERVICE AT THE SITE RELATING TO THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES PERMIT. SEE CERTIFICATION THIS SHEET.
- PERSONS ACCOMPLISHING WORK UNDER THIS PERMIT:

NAME: _____
ADDRESS: _____
PHONE: _____

NAME: _____
ADDRESS: _____
PHONE: _____

NAME: _____
ADDRESS: _____
PHONE: _____

NAME: _____
ADDRESS: _____
PHONE: _____

- THE BUILDING SUBCONTRACTORS ARE REMINDED TO ALSO COMPLY WITH THE SWPPP REQUIREMENTS. PLUMBERS SHALL TAKE CARE TO CATCH ALL AND PROPERLY DISPOSE OF TRIMMINGS FROM PIPE THREADING ACTIVITIES. PAINTERS, DRYWALLERS AND MASONS SHALL NOT CLEANING EQUIPMENT ON GRADE, ETC.

4. IMPLEMENTATION / MAINTENANCE

MAINTAIN EFFECTIVE OPERATING CONDITIONS OF ALL PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.
- A CURB CUT SHALL BE ONE OF THE FIRST ITEMS OF CONSTRUCTION IN ORDER TO ACCESS THE SITE. LIMPING THE CURB IS NOT ALLOWED.
- PRIOR TO INITIAL GRADING, INSTALL PERIMETER SILT FENCE TO PROTECT UNDISTURBED AREAS.
- PRIOR TO MASS GRADING, CONSTRUCT DIVERSION DRAINAGE SWALES ON THE UPHILL SIDES OF THE DISTURBED AREA TO DIVERT UPHILL RUNOFF FROM EXPOSED SOILS.
- DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- AFTER INITIAL GRADING PRIOR TO FINAL CONSTRUCTION, ALL DISTURBED AREAS OUTSIDE THE PROPOSED RIGHT-OF-WAYS ARE TO HAVE TEMPORARY SEEDING AND MULCHING. CONTRACTORS AND SUBS ARE TO MINIMIZE DISTURBANCE TO THESE SEEDED AREAS THROUGH THE USE OF SPECIFIC ACCESS ROUTES WITHIN THE SITE.
- TEMPORARY EARTH PILES SHALL HAVE DOWNSLOPE SILT FENCE PROTECTION.
- ALL INTAKES AND MANHOLES TO HAVE SILT FENCE AROUND THEM PRIOR TO PAVING AND INLET FILTERS AFTER PAVING. THESE FILTERS SHALL REMAIN IN PLACE UNTIL THE SITE HAS A PERENNIAL GROUND COVER.
- ALL INTAKES SHALL BE COVERED DURING CONSTRUCTION TO PREVENT SEDIMENTATION DEPOSITS WITHIN THE STORM SEWER UNTIL THE SITE HAS A PERENNIAL GROUND COVER. THE COVER SHALL BE CLEANED AFTER EVERY RAIN.
- ANY SOIL OR SPILL WASHED, TRACKED OR DROPPED ON TO ADJOINING RIGHT-OF-WAYS AND PROPERTY SHALL BE CLEANED UP BY THE CONTRACTOR IMMEDIATELY. EARTH RAMPS SHALL NOT BE CONSTRUCTED IN THE STREET GUTTER.
- MATERIAL OR EQUIPMENT STORAGE AREAS MUST BE WITHIN THE LIMITS OF SOIL DISTURBING ACTIVITY. THESE AREAS SHALL BE INSPECTED FOR POTENTIAL POLLUTANTS ENTERING THE SYSTEM.
- THE TEMPORARY SEDIMENTATION BASIN SHALL BE INSPECTED AND MAINTAINED UNTIL SUCH TIME AS ALL THE SITE IS STABILIZED. AT THAT TIME THE BASIN CAN BE CONVERTED TO A STORM WATER DETENTION FACILITY.
- EXCEPT AS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED ON ALL DISTURBED AREAS AS SOON AS PRACTICAL BUT IN NO CASE WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS LATER THAN THE 14TH DAY AFTER NO CONSTRUCTION ACTIVITY HAS OCCURRED ON SUCH AREA. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER NO CONSTRUCTION ACTIVITY OCCURS IS PRECLUDED BY SNOW COVER, THEN STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.
- PERMANENT SEEDING AND MULCHING TO BE DONE IMMEDIATELY AFTER FINAL GRADING.
- ANY FAILED AREA OF SEEDING SHALL BE RESEEDED. - IN THE EVENT THAT SEEDING/MULCHING DOES NOT OCCUR PRIOR TO WINTER, ALL DISTURBED AREAS SHALL BE MULCHED.
- SILT FENCING SHALL BE CLEANED WHEN THEY HAVE LOST 50% OF THEIR CAPACITY.
- DRAINAGE SWALES REMAIN UNDISTURBED.
- ROCK OUTLET PROTECTION SHALL REMAIN INTACT.
- PERMANENT, FINAL PLANT COVERING OR STRUCTURES SHALL BE INSTALLED AS SOON AS POSSIBLE BUT NOT LONGER THAN SEVEN (7) DAYS AFTER FINAL GRADING IS COMPLETED. REPLANTING MAY BE REQUIRED TO ENSURE ADEQUATE VEGETATIVE COVER IS ESTABLISHED. ADEQUATE VEGETATIVE COVER IS CONSIDERED TO BE AT LEAST 70% COVERAGE OF THE SOIL SURFACE BY THE INTENDED SPECIES. IF NATIVE LANDSCAPE IS USED, THEN 70% COVERAGE BY THE COVER CROP IS REQUIRED.
- SOIL SHALL BE WATERED DURING DRY, WINDY CONDITIONS TO MINIMIZE EROSION.
- WORK REQUIRING ENTERING AND LEAVING THE SITE OVER COUNTY ROADWAYS INCLUDING MATERIAL DELIVERY AND MOVEMENT OF EQUIPMENT SHALL NOT BE PERMITTED DURING PERIODS WHEN THE GROUND IS EXCEPTIONALLY SOFT AND WET AND EROSION BY VEHICLE IS A CERTAINTY.
- SOIL STOCKPILES SHALL BE STABILIZED WITH VEGETATION OR COVERED. HOWING MAY BE REQUIRED IF THE VEGETATION BECOMES A NUISANCE.
- THE EROSION CONTROL CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION CONTROL MEASURES ONCE THE SITE HAS BEEN PERMANANTLEY ESTABLISHED WITH GROUND COVER.
- THE CONCRETE WASHOUT AREA SHALL BE DESIGNED TO CONTAIN ALL WASTE CONCRETE MATERIALS AND SHALL BE ABLE TO BE EASILY REMOVED FROM THE SITE. WHEN THE CONTAINER IS 5% FULL (AVOID SPILLOVER) THE PCC WASTE SHALL BE DISPOSED OF PROPERLY (SENT TO AN APPROPRIATE RECYCLING FACILITY). PCC WASTE SHALL NOT BE BURIED ON SITE.

5. INSPECTIONS

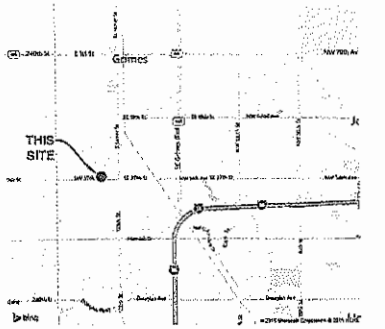
QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM.
- INSPECT SITE FOR EVIDENCE OF, OR THE POTENTIAL OF, POLLUTANTS ENTERING THE DRAINAGE SYSTEM FROM STORED MATERIALS.
- OBSERVE EROSION AND SEDIMENT CONTROL MEASURES TO ENSURE THAT THEY ARE OPERATING CORRECTLY. REPAIR AND REPLACE AS NECESSARY.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.
- PERMIT DISCHARGE LOCATIONS TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS.
- ANY MODIFICATIONS TO THE PLAN AS A RESULT OF AN INSPECTION SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS OF THE INSPECTION.
- AN INSPECTION REPORT SHALL BE PREPARED AND RETAINED AS PART OF THE PREVENTION PLAN UNTIL PROJECT TERMINATION. THIS REPORT WILL CONTAIN THE FOLLOWING:
  - A SUMMARY OF THE SCOPE OF THE INSPECTION.
  - QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION.
  - MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE PREVENTION PLAN.
  - ANY ACTIONS TAKEN
  - SIGNATURE
- THE REPORTS SHALL CONFORM TO THE STANDARDS SET BY THE IOWA DNR. COPIES OF THESE REPORTS SHALL BE FORWARDED TO THE OWNER.
- THE CONTRACTOR IS TO TAKE NECESSARY ACTIONS TO CORRECT DEFICIENCIES FOUND DURING INSPECTIONS AS SOON AS PRACTICABLE BUT IN NO CASE LATER THAN THREE (3) DAYS AFTER THE INSPECTION.
- SWPPP RECORDS SHALL BE RETAINED FOR AT LEAST THREE YEARS AFTER THE NOTICE OF DISCONTINUATION HAS BEEN FILED.

6. NON-STORM WATER DISCHARGES

WATER MAIN FLUSHING
- FLUSHED WATER WILL BE DISCHARGED INTO THE STORM SEWER SYSTEM WHERE, WHEN DISCHARGED, IT WILL UNDERGO EROSION AND SEDIMENT CONTROLS CONSISTING OF:
  - SILTATION BASIN
  - ROCK OUTLET PROTECTION (RIPRAP)
  - SILT FENCING
  - EXISTING VEGETATION
- FLUSHED WATER CONTAINING CHEMICALS (I.E. CHLORINE AND/OR DETERGENTS) NEED TO BE NEUTRALIZED PRIOR TO DISCHARGE TO THE CONTROLS LISTED.
- PETROLEUM STORAGE INCLUDING BUT NOT LIMITED TO FUEL, GEAR OIL, ENGINE OIL, HYDRAULIC OIL. WASTE OIL SHALL NOT BE STORED ON SITE.
- CONCRETE WASHOUT AREAS SHALL BE CONTAINED TO A 50' BY 50' AREA SURROUNDED BY SILT FENCE AND SHALL BE LOCATED AWAY FROM WATERWAYS.
- PORTABLE TOILETS SHALL BE SECURED FROM OVERTURNING AND SHALL HAVE DOWNSLOPE SILT FENCE PROTECTION. THE HOLDING TANK WILL BE PUMPED OUT AS NEEDED AND DISPOSED OF OFF-SITE.

GENERAL NOTES

1. THE SWPPP SHOULD BE UPDATED EXPEDITIOUSLY.



VICINITY MAP

NORTH
NO SCALE

SEQUENCE OF MAJOR ACTIVITIES

1. PRE-CONSTRUCTION: SILT FENCE WILL BE PLACED BY THE CONTRACTOR PRIOR TO BEGINNING GRADING OR CLEARING AND GRUBBING OPERATIONS ALONG THE PERIMETER OF THE PROJECT AT LOCATIONS IN HIGH RUNOFF CAN MOVE OFFSITE. VEGETATION IN AREAS NOT NEEDED FOR CONSTRUCTION SHALL BE PRESERVED. THIS SILT FENCE SHALL REMAIN IN PLACE UNTIL FINAL STABILIZATION HAS BEEN ACHIEVED.
2. GRADING: AFTER GRADING OPERATIONS HAVE BEEN COMPLETED, ALL AREAS THAT WILL NOT BE DISTURBED BY SUBSEQUENT CONSTRUCTION ACTIVITIES SHALL BE SEEDED.
3. FINISH GRADING AND SEEDING: FINISH GRADING AND PERMANENT SEEDING SHALL BE COMPLETED AS SOON AS IT IS PRACTICAL.

OWNER'S CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE AS PART OF THIS CERTIFICATION. FURTHER, BY MY SIGNATURE, I UNDERSTAND THAT I AM DESIGNATED AS A CO-PERMITTEE, ALONG WITH THE CONTRACTOR AND SUBCONTRACTORS SIGNING SUCH CERTIFICATIONS, TO THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2 FOR 'STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FOR CONSTRUCTION ACTIVITIES' AT THE IDENTIFIED SITE. AS A CO-PERMITTEE, I UNDERSTAND THAT I AM RESPONSIBLE AND LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE CODE OF IOWA, TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN DEVELOPED UNDER THIS NPDES PERMIT AND THE TERMS OF THIS NPDES PERMIT.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

NAME / TITLE: _____
COMPANY: _____ DATE: _____
TELEPHONE NUMBER: _____

CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE AS PART OF THIS CERTIFICATION. FURTHER, BY MY SIGNATURE, I UNDERSTAND THAT I AM DESIGNATED AS A CO-PERMITTEE ALONG WITH THE OWNER(S) AND OTHER CONTRACTORS AND SUBCONTRACTORS SIGNING SUCH CERTIFICATIONS, TO THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2 FOR 'STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FOR CONSTRUCTION ACTIVITIES' AT THE IDENTIFIED SITE. AS A CO-PERMITTEE, I UNDERSTAND THAT I AND MY COMPANY ARE LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE CODE OF IOWA, TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN DEVELOPED UNDER THIS NPDES PERMIT AND THE TERMS OF THIS NPDES PERMIT.

GENERAL CONTRACTOR
NAME / TITLE: _____
COMPANY: _____ DATE: _____
TELEPHONE NUMBER: _____

SUBCONTRACTOR
NAME / TITLE: _____
COMPANY: _____ DATE: _____
TELEPHONE NUMBER: _____

SUBCONTRACTOR
NAME / TITLE: _____
COMPANY: _____ DATE: _____
TELEPHONE NUMBER: _____

OTHER
NAME / TITLE: _____
COMPANY: _____ DATE: _____
TELEPHONE NUMBER: _____

CEC
Civil Engineering Consultants, Inc.
2400 86th Street, Unit 12 . Des Moines, Iowa 50322
515.276.4884 . Fax 515.276.7084 . mail@cecdsm.com

DATE:	REVISIONS	COMMENTS
JULY 01, 2015	1	
	2	
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	6	

DATE OF SURVEY:
DESIGNED BY:
DRAWN BY:

EAGLE SIGN
GRIMES, IA

SWPPP NOTES

SHEET 6 OF 06

E-7350

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 26, 2015

Doug Mandernach
Civil Design Advantage L.L.C.
3405 SE Crossroads Drive, Suite G
Grimes, IA 50111

Lots 1-3 (Gator Excavating) – Site Plan
Crossroads Business Park Plat 5 – Lots 1-3
3050 SE Miehe Drive
FOX P.N. 8630-04K.270

FOX Engineering has completed the first review of the Site Plan for Lots 1-3 of Crossroads Business Park Plat 5, dated June 1, 2015 and offer the following comments:

Site Plan – Cover Sheet – Sheet 1

1. The Grimes Parking Ordinance requires 1 stall per 2,000 s.f. of warehouse area. Thus, 74,920/2,000 = 38 parking stalls are required. Please state the number of proposed interior parking stalls provided.

Site Plan – Dimension Plan – Sheet 3

2. Please show a future 5-ft sidewalk in the ROW. Please add a note stating "Future Sidewalk shall be the responsibility of the Developer. Sidewalk shall be installed within 6 months after notification by the City of Grimes."

Site Plan – Grading Plan – Sheet 4

3. Please provide documentation from the adjacent property owner to the south (JMAK Holdings LLC) that you can grade and place a permanent surface water flowage ditch on their property.
4. Please provide documentation from the adjacent property owner to the east (Iowa Asset Acquisition) that you can grade and place a permanent surface water flowage ditch on their property. We are concerned about placing a ditch over the 40-ft access area for this lot. This will add a lot of cost associated with a future driveway to this lot.
5. Please investigate alternate solutions to the very potential erosion issue from the outlet of ST-4 down the sideslopes of the detention basin.
6. Please show the existing 8-inch sanitary sewer on this sheet. Add a note stating that the contractor shall televise the existing sanitary sewer after construction to prove no damage was created due to the grading activities.

Site Plan – Utility Plan – Sheet 5

7. Please provide erosion control measures at the end of the 18-inch FES that discharges in the existing surface water flowage easement area.

Site Plan – Landscape Plan – Sheet 6

8. Please provide landscaping along the west property line. P&Z and Council should consider if landscaping is warranted along the west property line. We have requested similar landscaping requirements for adjacent developments.
9. Discussion is necessary about the proposed Type 2 Seed in the bottom of the detention ponds. Will these ponds be mowed?

Elevation Plan

10. Please clarify the building materials for the garage/office building. The plans say lap siding (please clarify). Please state the building colors.
11. Please state the proposed metal building colors for the storage buildings (building, roof, doors).

Stormwater Management Plan

12. FOX has yet to review the stormwater management plan. These review comments will come under a separate cover.

Stormwater Pollution Prevention Plan

13. FOX has not received a Stormwater Pollution Prevention Plan (SWPPP) for review. Please submit a SWPPP for review and include a completed City of Grimes Grading/Certification form.
14. Please submit a NPDES Permit for the grading of this site.

Post Construction Stormwater Agreement

15. Please provide the necessary Post-Construction documents for review.

SITE PLAN SCHEDULE:

PLANNING & ZONING: July 7, 2015 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2015 at 5:30 at the Grimes City Hall

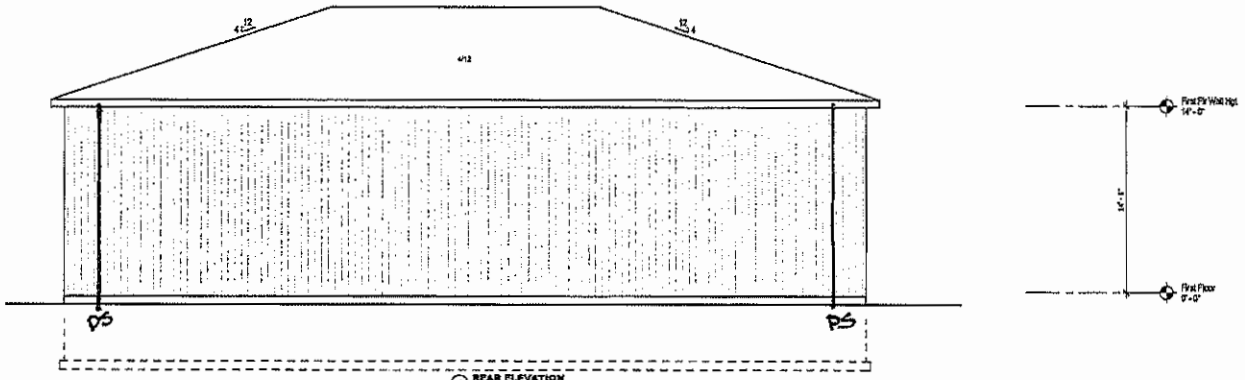
Once all comments are addressed, submittal of 6 full signed site plans, and 1 copy of all other required documents will be required.

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000.

FOX ENGINEERING ASSOCIATES, INC.

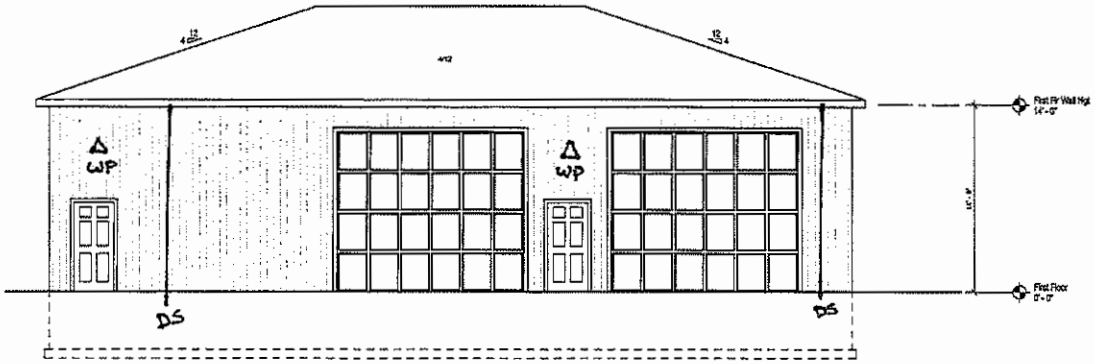
Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Scott Clyce, City of Grimes



1 REAR ELEVATION

ESTIMATED AREA - WALL...



2 FRONT ELEVATION

NOT FOR CONSTRUCTION

THESE PLANS HAVE NOT BEEN APPROVED FOR FINAL CONSTRUCTION
PLEASE CALL OR SEE OWNER FOR UPDATED PLANS

plum
BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES

PLUM DESIGN SERVICE, INC. ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. WE ARE NOT A LICENSED ARCHITECT OR ENGINEER. THESE PLANS ARE PROVIDED ON AN "AS IS" BASIS AND IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER TO VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS, AND FLOOR PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR AND/OR OWNER SHALL NOTIFY PLUM DESIGN SERVICE, INC. IMMEDIATELY IF ANY ERRORS OR OMISSION FOR POSSIBLE CORRECTION ARE IDENTIFIED PRIOR TO START OF CONSTRUCTION. NO WARRANTIES EXPRESS OR IMPLIED INCLUDING COMPLIANCE WITH THIS PLAN WITH APPLICABLE BUILDING CODES REQUIREMENTS ARE MADE.

Kevin Henter
Henter Office
Des Moines, IA

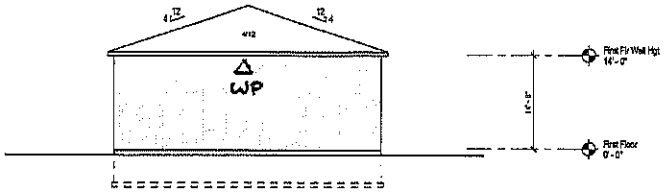
PROJECT ID: 3078

ISSUE DATE:
DATE: 06/17/15
DATE:
DATE:
DATE:

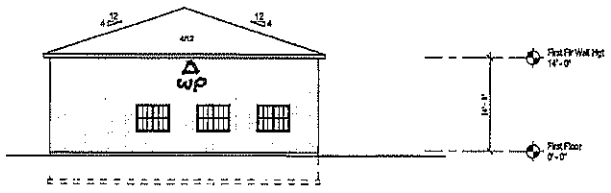
REVISIONS:
DATE:
DATE:
DATE:
DATE:

Elevations
1/4" = 1'-0"

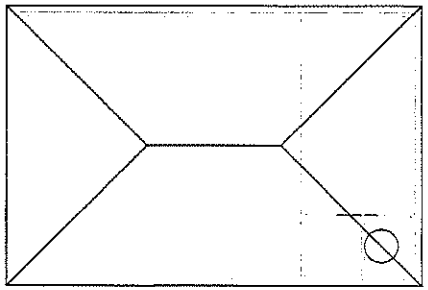
A.1



1 LEFT ELEVATION



2 RIGHT ELEVATION



3 ROOF PLAN

ROOF PLAN LEGEND					
SYMBOL	FLOOR TYPE	WIDTH	DIMENSION	HEIGHT	NOTES
A	XX SF	1'-0"	12"	XX'-0"	
ALL RAISE DIMENSIONS ARE TO FINISH SURFACE					

ESTIMATED AREA -
22748 SF

NOT FOR CONSTRUCTION

THESE PLANS MUST BE APPROVED FOR PERMIT, CONSTRUCTION
PLEASE CALL OR SEE JURISDICTIVE OFFICIAL(S)

plum
BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES
1100 ALICE'S ROAD, WAUKEE, IOWA 50263-7100
TELEPHONE: 515.978.6262 FAX: 515.978.6263

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Kevin Henter
Henter Office
Des Moines, IA

PROJECT ID: 3078

ISSUE DATE:
DATE: 06/17/15
DATE:
DATE:
DATE:

REVISIONS:
DATE:
DATE:
DATE:
DATE:

Elevations
As indicated

A.2

WINDOW SCHEDULE						
ID	QTY	TYPE	ROUGH OPENINGS WIDTH	ROUGH OPENINGS HEIGHT	HEADER HEIGHT	SPECIAL NOTES
100	3	3070 SLIDER	5'-0"	7'-0"	7'-10 3/4"	Historic Egress

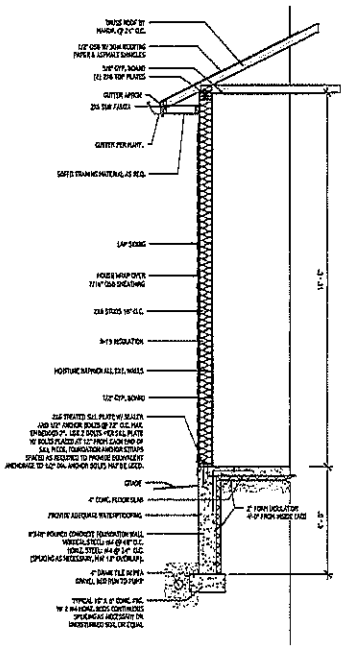
AREA SCHEDULE	
NAME	SQ FT
Main Floor	2406 SF
	2406 SF

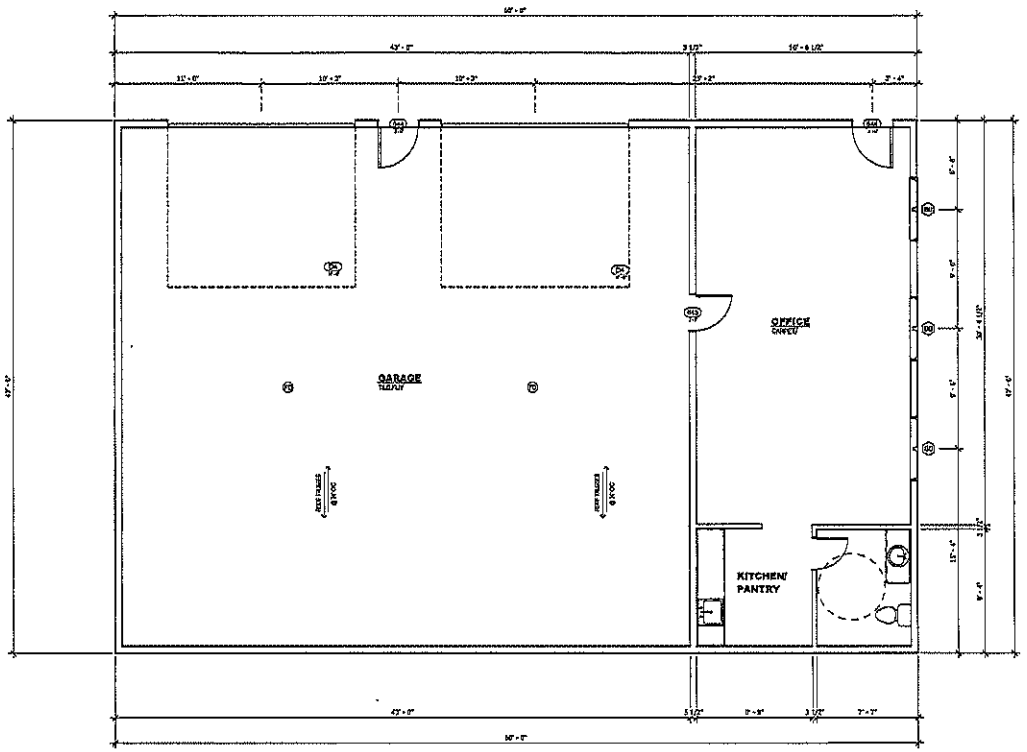
DOOR SCHEDULE					
ID	QTY	DOOR SIZE	ROUGH OPENINGS WIDTH	ROUGH OPENINGS HEIGHT	SPECIAL NOTES
444	2	3-0 x 6-8 Steel	3'-1 1/2"	6'-11 1/4"	
445	1	3-0 x 6-8 Steel	3'-1 1/2"	6'-11 1/4"	
104	1	16'-0 x 7'-0	16'-3"	7'-1 1/2"	Overhead Garage Door
105	1	3-0 x 6-8	3'-1"	6'-10 1/2"	

GENERAL CONSTRUCTION NOTES

1) 8" X 17" POURED CONCRETE WALL ON FOOTING.
2) 2X6 ROOF/CEILING JOISTS @ MAIN FLOOR UNLESS OTHERWISE NOTED. 24" O.C. UNLESS NOTED.
3) EXTERIOR DIMENSIONS ARE FROM THE OUTSIDE OF SHEATHING TO OUTSIDE OF SHEATHING EXCEPT AT OFFSET TO FACE OF VILLAGE.
4) INTERIOR DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD.
5) ALL EXTERIOR HEADERS TO BE (2) 2X12 UP AT 9'-1" UNLESS NOTED OTHERWISE. (SEE LADDER 3, HEADS NOT STATED ON LADDER CAN BE SIZED TO OPENING).
6) ALL HEADERS AND BEAMS ARE SHOWN FOR DESIGN PURPOSES ONLY. SEE PLATE MARKED NOTES & DETAILS.
7) 20 MINUTE FIRE DOOR IN GOLF CLOSET SPACE BETWEEN GARAGE AND LIVING AREAS.
8) ALL EXTERIOR DOOR SIZES (2'-0" OR 2'-8") ARE 6'-8" AND EXTERIOR ALL.
9) REFLECTS LOCAL BUILDING CODES FOR SPECIFIC CLIMATE ZONE LOCATIONS.

ID: 3X = EXTERIOR REPRESENTS SOLID BEARING FROM FOUNDATION WALL
TCH-HC: 10'-0" REPRESENTS HEIGHT OF CONCENTRATED LOAD FROM ABOVE, FOUND ELEVATION TO FOUNDATION OR HIGH ROOF BELOW.





NOT FOR CONSTRUCTION

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plum
BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES
1400 ALICE'S ROAD, WAUKEE, IOWA 50263-1100
TELEPHONE 515.978.4240 FAX 515.978.4251

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Kevin Henter
Henter Office
Des Moines, IA

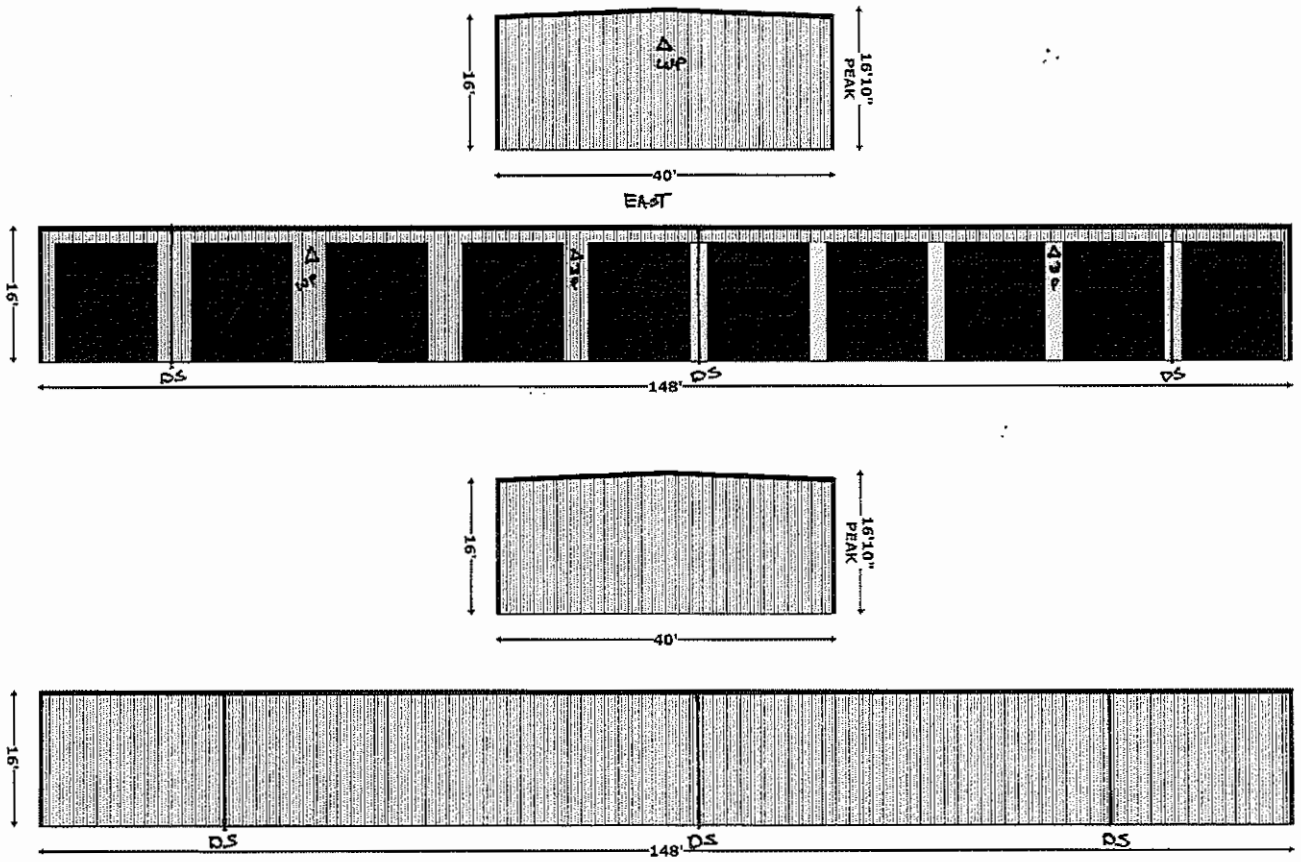
PROJECT ID: 3078

ISSUE DATE:
DATE: 06/17/15
DATE:
DATE:
DATE:

REVISIONS:
DATE:
DATE:
DATE:
DATE:

Main Floor
As Indicated

A.4



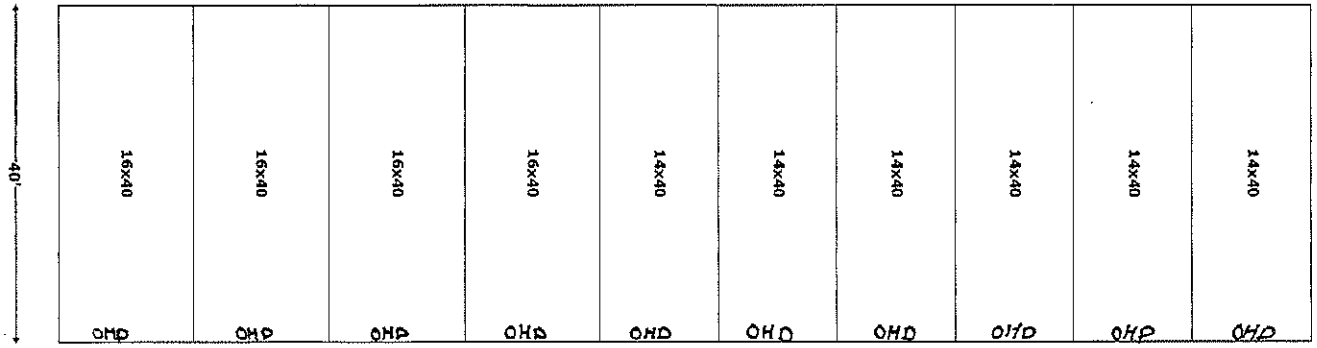
	DOORS	
TYPE	SIZE	QTY.
ROLL UP	12'0" x 14'0"	10

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	BLDG 40x148x16
Date	06/04/15
Drawing#	2890
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2153 Idaho Drive
Pella, Iowa 50219
1-800-223-0461 or 1-641-628-8300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

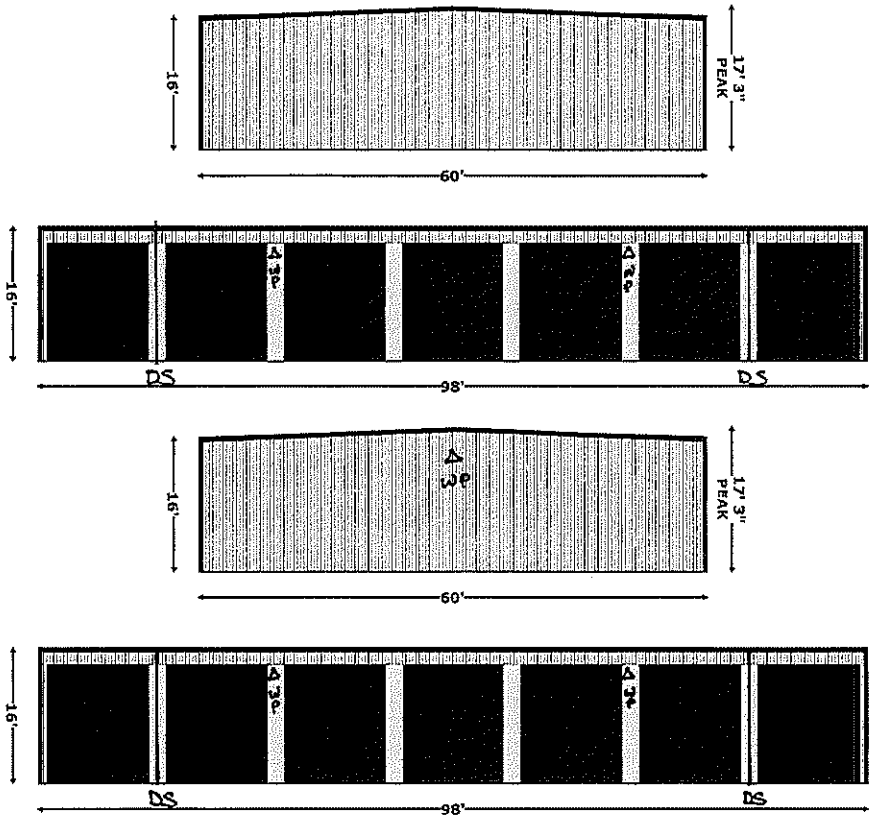


	BLD. B	
SIZE	UNITS	SQ.FT.
14x40	6	3360
16x40	4	2560
TOTALS	10	5920

BRIAN BALMER
GRIMES, IOWA

FLOOR PLAN	BLDG 40x148x16
Date	06/10/15
Drawing#	2895
Designer	Wiebo Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2150 Idaho Drive
Pella, Iowa 50219
1-800-225-0482 or 1-641-628-9300
Fax 1-641-628-9277
www.pellabuildings.com
E-mail: info@ pellabuildings.com



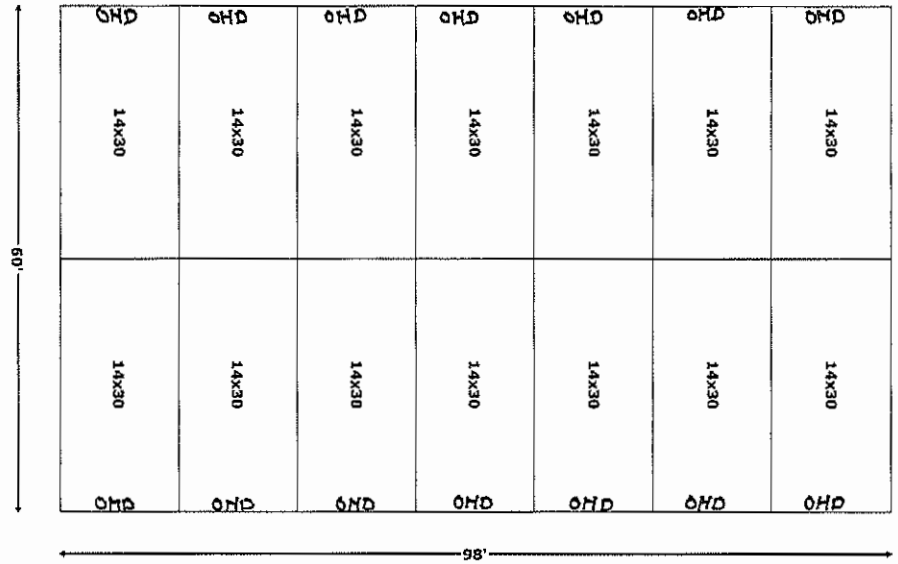
	DOORS	
TYPE	SIZE	QTY.
ROLL UP	12'0" x 14'0"	14

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	BLD.C 60x98x16
Date	06/04/15
Drawing#	2893
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2150 Idaho Drive
Pella, Iowa 50219
1-800-336-6481 or 1-641-628-9300
Fax 1-641-628-6277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

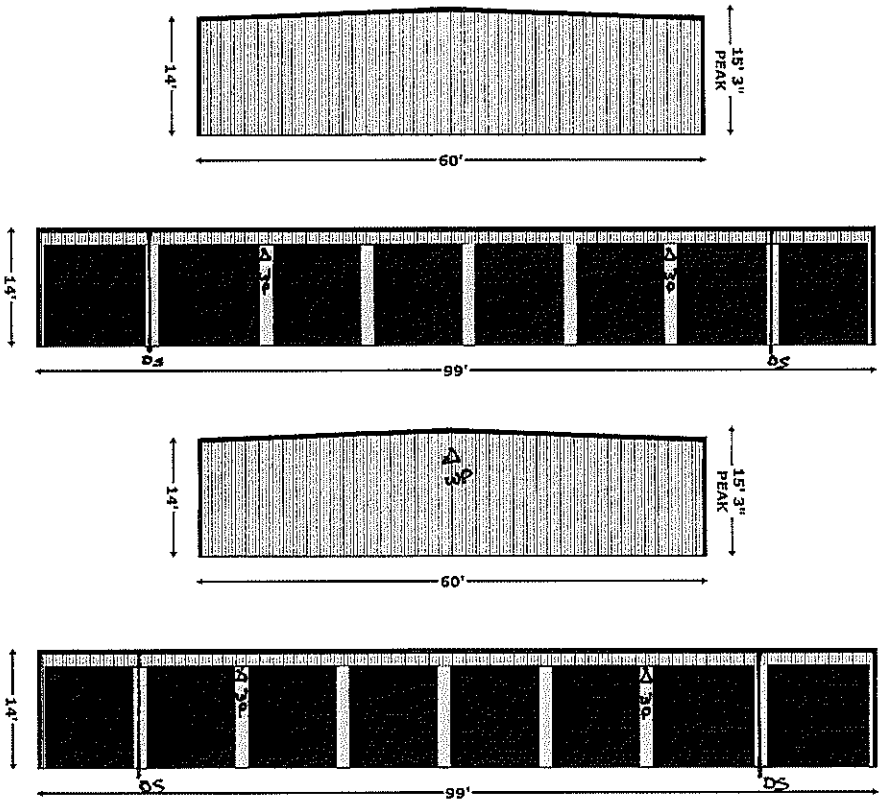


	BLD. C	
SIZE	UNITS	SQ.FT.
14x30	14	5880
TOTALS	14	5880

BRIAN BALMER
GRIMES, IOWA

FLOOR PLAN	BLD.C 60x98x16
Date	06/10/16
Drawing#	2898
Designer	Wiebe Goodyk
Detailer	Kari Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-6461 or 1-641-628-9300
Fax 1-641-628-9277
www.pellabuildings.com
E-mail: info@ pellabuildings.com



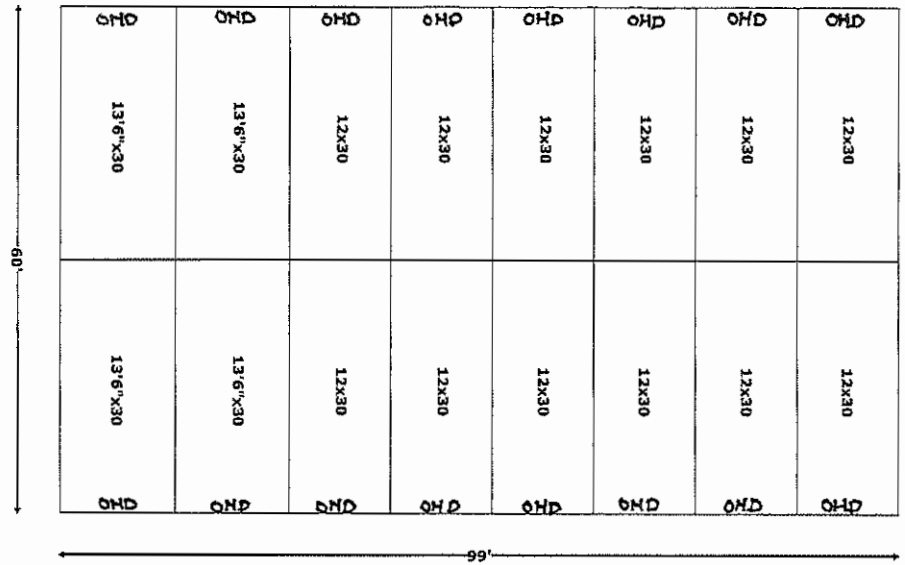
	DOORS	
TYPE	SIZE	QTY.
ROLL UP	10'4" x 12'0"	12
ROLL UP	11'10" x 12'0"	4

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	SLOPE 4/12
Date	06/04/15
Drawing#	2884
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2155 Idaho Drive
Pella, Iowa 50219
1-800-225-5401 or 1-641-628-9300
Fax 1-641-628-0277
www.pellabuildings.com
E-mail: info@ pellabuildings.com



	BLD. D,E,F	
SIZE	UNITS	SQ.FT.
12x30	12	4320
13'6"x 30	4	1620
TOTALS	16	5940

BRIAN BALMER
GRIMES, IOWA

FLOOR PLAN	BLD.D,E,F 60x99x14
Date	05/10/15
Drawings	2899
Designer	Webe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-123-0481 or 1-641-628-8300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

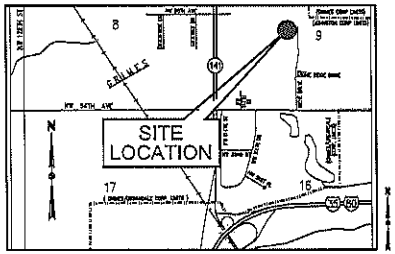
SITE PLAN FOR:

CROSSROADS BUSINESS PARK OF GRIMES PLAT 5 LOTS 1-3

GRIMES, IOWA

VICINITY MAP

NOT TO SCALE



INDEX OF SHEETS

NO.	DESCRIPTION
1	COVER SHEET
2	DETAILS
3	DIMENSION PLAN
4	GRADING PLAN
5	UTILITY PLAN
6	LANDSCAPE PLAN
7–15	BUILDING PLANS

GENERAL LEGEND

PROPOSED	EXISTING
PROJECT BOUNDARY	SANITARY MANHOLE
LOT LINE	WATER VALVE BOX
SECTION LINE	FIRE HYDRANT
CENTER LINE	WATER CURB STOP
RIGHT OF WAY	WELL
PERMANENT EASEMENT	STORM SEWER MANHOLE
TEMPORARY EASEMENT	STORM SEWER SINGLE INTAKE
TYPE SW-501 STORM INTAKE	STORM SEWER DOUBLE INTAKE
TYPE SW-503 STORM INTAKE	FLARED END SECTION
TYPE SW-505 STORM INTAKE	ROOF DRAIN/ DOWNSPOUT
TYPE SW-505 STORM INTAKE	DECIDUOUS TREE
TYPE SW-513 STORM INTAKE	CONIFEROUS TREE
TYPE SW-401 STORM MANHOLE	DECIDUOUS SHRUB
TYPE SW-402 STORM MANHOLE	CONIFEROUS SHRUB
TYPE SW-301 SANITARY MANHOLE	ELECTRIC POWER POLE
STORM/SANITARY CLEANOUT	GUY ANCHOR
WATER VALVE	STREET LIGHT
FIRE HYDRANT ASSEMBLY	POWER POLE W/ TRANSFORMER
SIGN	UTILITY POLE W/ LIGHT
DETECTABLE WARNING PANEL	ELECTRIC BOX
STORM SEWER STRUCTURE NO.	ELECTRIC TRANSFORMER
STORM SEWER PIPE NO.	ELECTRIC MANHOLE OR VAULT
SANITARY SEWER STRUCTURE NO.	TRAFFIC SIGN
SANITARY SEWER PIPE NO.	TELEPHONE JUNCTION BOX
SANITARY SEWER WITH SIZE	TELEPHONE MANHOLE/VAULT
SANITARY SERVICE	TELEPHONE POLE
STORM SEWER	GAS VALVE BOX
STORM SERVICE	CABLE TV JUNCTION BOX
WATERMAIN WITH SIZE	CABLE TV MANHOLE/VAULT
WATER SERVICE	MAIL BOX
SAWCUT (FULL DEPTH)	BENCHMARK
SILT FENCE	SOIL BORING
	UNDERGROUND TV CABLE
	GAS MAIN
	FIBER OPTIC
	UNDERGROUND TELEPHONE
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	FIELD TILE
	SANITARY SEWER W/ SIZE
	STORM SEWER W/ SIZE
	WATER MAIN W/ SIZE

APPLICANT

GATOR EXCAVATING
P.O. BOX 22004
CLIVE, IA 50325

GENERAL CONTRACTOR

GATOR EXCAVATING
P.O. BOX 22004
CLIVE, IA 50325

ENGINEER / SURVEYOR

CIVIL DESIGN ADVANTAGE
CONTACT: EMILY HARDING
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH: (515) 369-4400
FX: (515) 369-4410

PROJECT SITE ADDRESS

3000 MIEHE DRIVE

ANTICIPATED CONSTRUCTION SCHEDULE

BEGIN: AUGUST 2015
END: DECEMBER 2015

SUBMITTAL DATES

FIRST SUBMITTAL: 03-26-15
SECOND SUBMITTAL: 06-29-15

LEGAL DESCRIPTION

LOTS 1, 2 AND 3 CROSSROADS BUSINESS PARK OF GRIMES PLAT 5

ZONING

M-2 ; LIGHT INDUSTRIAL DISTRICT

LAND USE

STORAGE

BULK REGULATIONS

FRONT YARD:	25 FEET
SIDE YARDS:	NONE REQUIRED, EXCEPT WHEN ADJACENT TO ANY "R" DISTRICT OR STREET RIGHT-OF-WAY, IN WHICH CASE: 25 FEET.
REAR YARD:	25 FEET; HOWEVER, FOR EVERY FOOT THE FRONT YARD IS INCREASED OVER 25 FEET, THE REAR YARD MAY BE DECREASED IN DIRECT PROPORTION THERETO, BUT IN NO CASE SHALL THE REAR YARD BE LESS THAN 10 FEET.
MAXIMUM HEIGHT:	75 FEET
MAXIMUM NUMBER OF STORIES:	NO LIMITATION
MINIMUM OPEN SPACE:	10%

SITE DATA

SITE AREA: 340,482 SF (7.82 AC)
IMPERVIOUS AREA: 186,391 SF
PAVEMENT (111,471 SF)
BUILDINGS (74,920 SF)
OPEN SPACE: 154,091 SF (45%)

PARKING:
REQUIRED:
WAREHOUSE= (1/30,000 SF)
74,920/30,000= 4 STALLS
PARKING STALLS WILL BE INTERIOR TO BUILDING

OFFICE= (1/200 SF)
600/200= 3 STALLS

BENCHMARKS

NW CORNER OF MIEHE DR AND SE 37TH ST INTERSECTION
BURY BOLT ON FIRE HYDRANT
ELEVATION = 944.11

±300' NORTH OF MIEHE DR AND SE 37TH ST
BURY BOLT ON FIRE HYDRANT
ELEVATION = 950.93

±800' NORTH OF MIEHE DR AND SE 37TH ST
BURY BOLT ON FIRE HYDRANT
ELEVATION = 947.51

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

UTILITY WARNING

THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD 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. A REQUEST WAS MADE TO IOWA ONE CALL FOR THE UTILITY PROVIDERS TO LOCATE THEIR UTILITIES IN THE FIELD.

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR, SUITE G, GRIMES, IOWA 50111
PH: (515) 369-4400 Fax: (515) 369-4410
PROJECT NO. 1503097

THE PROJECT REQUIRES AN IOWA NPDES PERMIT #2 AND CITY OF GRIMES 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 RIGHT-OF-WAY.

THE MOST RECENT EDITION OF THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) STANDARD SPECIFICATIONS AND THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, 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.

IF ANY FIELD CONDITIONS EXIST WHICH PRECLUDE COMPLIANCE WITH THESE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND/OR OWNER AND SHALL PROCEED WITH AFFECTED WORK AFTER THE CONFLICT IS SATISFACTORILY RESOLVED.

THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, SERVICES, TOOLS, EQUIPMENT, AND FIXTURES NECESSARY TO PERFORM AND COMPLETE, IN A GOOD AND WORKMANLIKE MANNER, ALL NECESSARY WORK WITHIN THIS PLAN SET. ALL WORK SHALL BE DONE IN ACCORDANCE WITH, ALL LAWS, ORDINANCES, BUILDING CODES, RULES AND REGULATIONS APPLYING TO THE WORK INCLUDING, BUT NOT LIMITED TO, THE AMERICANS WITH DISABILITIES ACT, ENVIRONMENTAL REGULATIONS, AND THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AS AMENDED. THE CONTRACTOR SHALL HAVE CONTROL OVER, AND BE SOLELY RESPONSIBLE FOR, ALL MEANS, METHODS, AND SEQUENCES FOR PERFORMING THE WORK.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

PRELIMINARY

DATE

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2011
PAGES OR SHEETS COVERED BY THIS SEAL:
SHEETS 1–5

CITY OF GRIMES STANDARD NOTES FOR SITE PLANS

1. GENERAL NOTES:

A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE URBAN STANDARDS SPECIFICATIONS FOR PUBLIC IMPROVEMENTS ON THE DATE OF APPROVAL AND THE CITY OF GRIMES SUPPLEMENTAL SPECIFICATIONS.

B. A PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THIS MEETING. CONTACT BRANDT WILLIAMSON WITH FOX ENGINEERING (515) 233-0000.

C. ALL PERMITS (DNR, IDOT, ARMY CORP., ETC.) SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.

D. THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE CITY OF GRIMES WITH RECORD DRAWINGS OF ALL IMPROVEMENTS AS PER CITY STANDARD PROCEDURES.

E. A KNOX BOX IS REQUIRED BY THE FIRE DEPARTMENT AND SHALL BE OBTAINED AT CITY HALL.

F. ALL SITE LIGHTING SHALL NOT SPILL ONTO ADJACENT PROPERTIES OR RIGHT-OF-WAYS.

2. SANITARY SEWER NOTES:

A. THE CONTRACTOR IS REQUIRED TO PLACE A TEMPORARY PLUG IN THE EXISTING DOWNSTREAM SANITARY SEWER MANHOLE PRIOR TO THE START OF CONSTRUCTION. THE PLUG SHALL BE REMOVED FOLLOWING APPROVAL OF CONSTRUCTION BY THE CITY OF GRIMES.

B. SANITARY GRAVITY PIPE MATERIAL SHALL BE PVC SDR 26 OR TRUSS (8" TO 15").

C. SANITARY GRAVITY SERVICE PIPE MATERIAL SHALL BE PVC SDR 23.5 (4" TO 6").

D. ALL SANITARY SEWER MANHOLES SHALL HAVE STEPS.

E. ALL SANITARY SEWER MANHOLES CASTINGS SHALL BE SEALED WITH INTERIOR CHIMNEY SEALS.

F. ALL SANITARY SEWER MANHOLE CASTINGS LOCATED WITHIN PAVEMENT SHALL BE BOXED OUT.

G. SANITARY SEWER TESTING & TELEVISING (8" TO 12") SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH ANY DYE WATER PRIOR TO TELEVISING.

3. WATER MAIN NOTES:

A. ALL FIRE HYDRANTS SHALL BE AMERICAN FLOW CONTROL-WATEROUS PACER WB-67-250, MUELLER SUPER CENTURION 250 (3-WAY A-423), OR CLOW MEDALLION F-2545. ALL HYDRANTS SHALL HAVE THE FOLLOWING: 5" MJ SHOE, 2-1/2" HOSE NOZZLE, 4-1/2" STEAMER NOZZLE, NST THREADS, PENTAGON OPERATING NUT, CHAIN ON CAP, OPEN LEFT, 6-1/2' BURY, AND FACTORY PAINTED RED. THE MINIMUM SPOOL PIPE LENGTH FROM AUXILIARY VALVE TO HYDRANT SHOE SHALL BE 2.0'.

B. ALL HYDRANTS WILL IMMEDIATELY BE COVERED WITH A BLACK PLASTIC BAG (OR EQUIVALENT) ONCE THE HYDRANT IS INSTALLED. THE CITY OF GRIMES WILL NOTIFY THE CONTRACTOR WHEN THE BAGS CAN BE REMOVED.

C. A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT.

D. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.

E. WATER SERVICE SHALL BE 1-INCH MINIMUM TYPE K COPPER.

F. PROPOSED WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED BY THE DEVELOPER. THE FILLING OF THE WATER MAIN SHALL BE DONE BY THE CITY OF GRIMES. THE BACTERIA TEST AND SUBMITTAL OF TEST TO LAB SHALL BE DONE BY THE DEVELOPER AND RESULTS PROVIDED BY FAX TO U.S. WATER AT (515) 986-7300. IF THE TEST DOES NOT PASS, THE CONTRACTOR WILL BE REQUIRED TO PAY FOR ALL THE WATER USED TO REPEAT THE TEST.

4. STORM SEWER NOTES:

A. ALL STORM SEWER IN THE ROW SHALL BE RCP, UNLESS OTHERWISE APPROVED BY THE CITY.

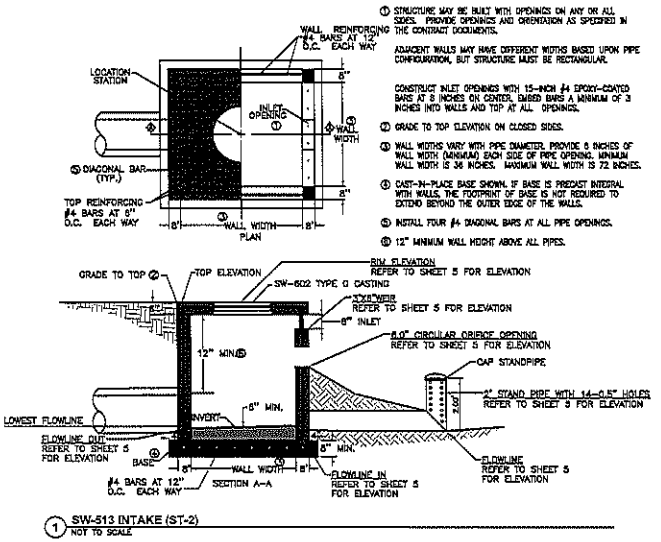
B. ALL FLARED END SECTIONS SHALL HAVE FOOTINGS AND APRON GRATES. THE LAST 3 PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC.

C. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY FIELD TILE DAMAGED DURING CONSTRUCTION. THE TILE SHOULD BE DIRECTED TO PUBLIC STORM SEWER IF POSSIBLE. THE CONTRACTOR SHALL RECORD THE ELEVATION AND LOCATION OF ALL TILES.

D. ALL SUMP SERVICE LINES SHALL HAVE TRACER WIRE.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
2. ALL WORK SHALL BE IN ACCORDANCE WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
3. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.
4. PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER, ENGINEER, AND/OR ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
5. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY/EASEMENTS, AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, SHALL COMPLY WITH THE CITY OF GRIMES STANDARDS.
6. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO THE BACK OF CURB, THE BUILDING FACE, AND DIMENSION TIES TO PROPERTY LINES ARE MEASURED AT RIGHT ANGLES TO PROPERTY LINES. ALL LINEAL MEASUREMENTS SHOWN ON THIS SHEET ARE HORIZONTAL MEASUREMENTS, NOT SLOPE MEASUREMENTS.
7. CONTRACTOR TO VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.
8. PLACE 1/2 INCH EXPANSION JOINT BETWEEN ALL PORTLAND CEMENT CONCRETE (P.C.C.) PAVEMENT/SIDEWALKS AND BUILDING. PLACE 1/2 INCH EXPANSION JOINT BETWEEN SIDEWALK RAMPS AND P.C.C. PAVEMENT.
9. REMOVE ALL DEBRIS SPILLED INTO RIGHT-OF-WAY AT THE END OF EACH WORK DAY.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL BOUNDARY CORNERS, PUBLIC LAND SURVEY SYSTEM ALIQUOT CORNERS, AND/OR BENCH MARKS. ANY BOUNDARY CORNER, PUBLIC LAND SURVEY SYSTEM ALIQUOT CORNER, AND/OR BENCH MARK DISTURBED OR DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF IOWA, AT THE CONTRACTOR'S EXPENSE.
11. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT-OF-WAY.
12. THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THOSE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING, AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
13. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
14. THE CONTRACTOR MAY BE REQUIRED TO PLACE TEMPORARY WARNING SIGNAGE AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY, AS DIRECTED BY THE ENGINEER OR THE CITY.
15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT, INCLUDING STAGING OF CONSTRUCTION DETAILS.
16. CONCRETE REMOVAL FOR DRIVEWAY APPROACHES SHALL BE REMOVED TO THE NEAREST TRANSVERSE JOINT. THE CONTRACTOR SHALL VERIFY THE REMOVAL LIMITS WITH THE CITY OF CONSTRUCTION INSPECTOR PRIOR TO ANY CONCRETE REMOVAL. NO DOWELING IS ALLOWED.
17. ALL SCOUR STOP SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR ACCORDING TO SCOUR STOP PRODUCT SPECIFICATIONS. INSTALL SOD UNDER ALL SCOUR STOP AND TURF REINFORCEMENT MAT (T.R.M.).
18. ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THE WORK SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
19. NO OUTSIDE STORAGE OF CONSTRUCTION MATERIALS IS ALLOWED ON THIS SITE.
20. ALL TRASH CONTAINERS WILL BE INTERIOR TO BUILDINGS.



① STRUCTURE MAY BE BUILT WITH OPENINGS ON ANY OR ALL SIDES. PROVIDE OPENINGS AND ORIENTATION AS SPECIFIED IN THE CONTRACT DOCUMENTS.

ADJACENT WALLS MAY HAVE DIFFERENT WIDTHS BASED UPON PIPE CONFIGURATION, BUT STRUCTURE MUST BE RECTANGULAR.

CONSTRUCT INLET OPENINGS WITH 15-INCH #4 EPOXY-COATED BARS AT 8 INCHES ON CENTER, EMBED BARS A MINIMUM OF 3 INCHES INTO WALLS AND TOP AT ALL OPENINGS.

② GRADE TO TOP ELEVATION ON CLOSED SIDES.

③ WALL WIDTHS VARY WITH PIPE DIAMETER. PROVIDE 6 INCHES OF WALL WIDTH (MINIMUM) EACH SIDE OF PIPE OPENING. MINIMUM WALL WIDTH IS 36 INCHES. MAXIMUM WALL WIDTH IS 72 INCHES.

④ CAST-IN-PLACE BASE SHOWN. IF BASE IS PRECAST INTEGRAL WITH WALLS, THE FOOTPRINT OF BASE IS NOT REQUIRED TO EXTEND BEYOND THE OUTER EDGE OF THE WALLS.

⑤ INSTALL FOUR #4 DIAGONAL BARS AT ALL PIPE OPENINGS.

⑥ 12" MINIMUM WALL HEIGHT ABOVE ALL PIPES.

① SW-513 INTAKE (ST-2)
NOT TO SCALE

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

REVISIONS	DATE
SECOND SUBMITTAL	5/26/15
FIRST SUBMITTAL	5/29/15

ENGINEER: TECH:

CIVIL DESIGN ADVANTAGE

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5
GENERAL NOTES AND DETAILS

GRIMES, IOWA

2/15

1503097

FILE: K:\SURVEY\PROJECTS\2015\1503097\CAD\PLAT\1503097 PLAT 5.DWG
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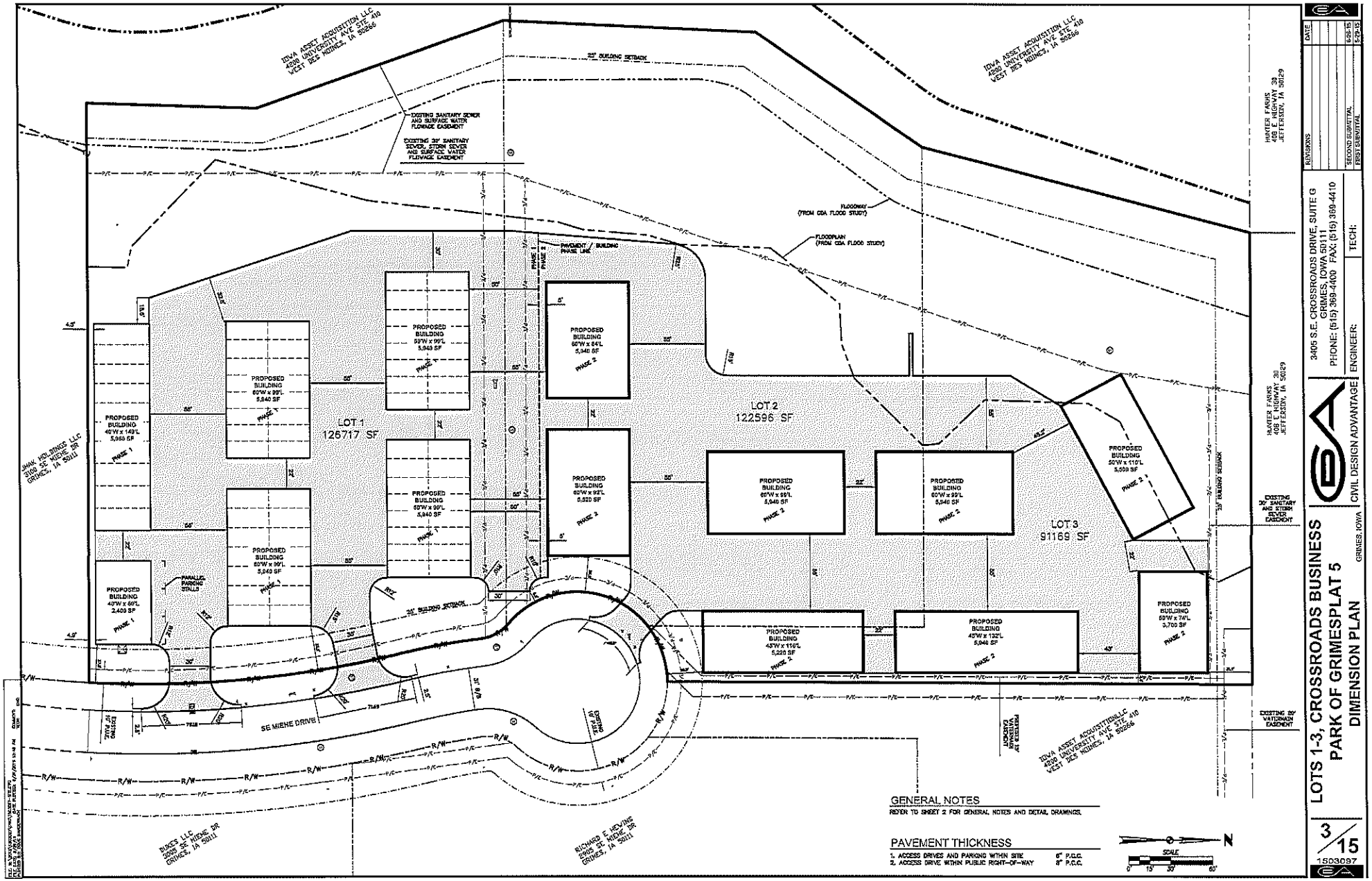

GENERAL NOTES

REFER TO SHEET 2 FOR GENERAL NOTES AND DETAIL DRAWINGS.

PAVEMENT THICKNESS

1. ACCESS DRIVES AND PARKING WITHIN SITE	6" P.C.C.
2. ACCESS DRIVE WITHIN PUBLIC RIGHT-OF-WAY	8" P.C.C.

SCALE 0 15 30 60

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CIVIL DESIGN ADVANTAGE

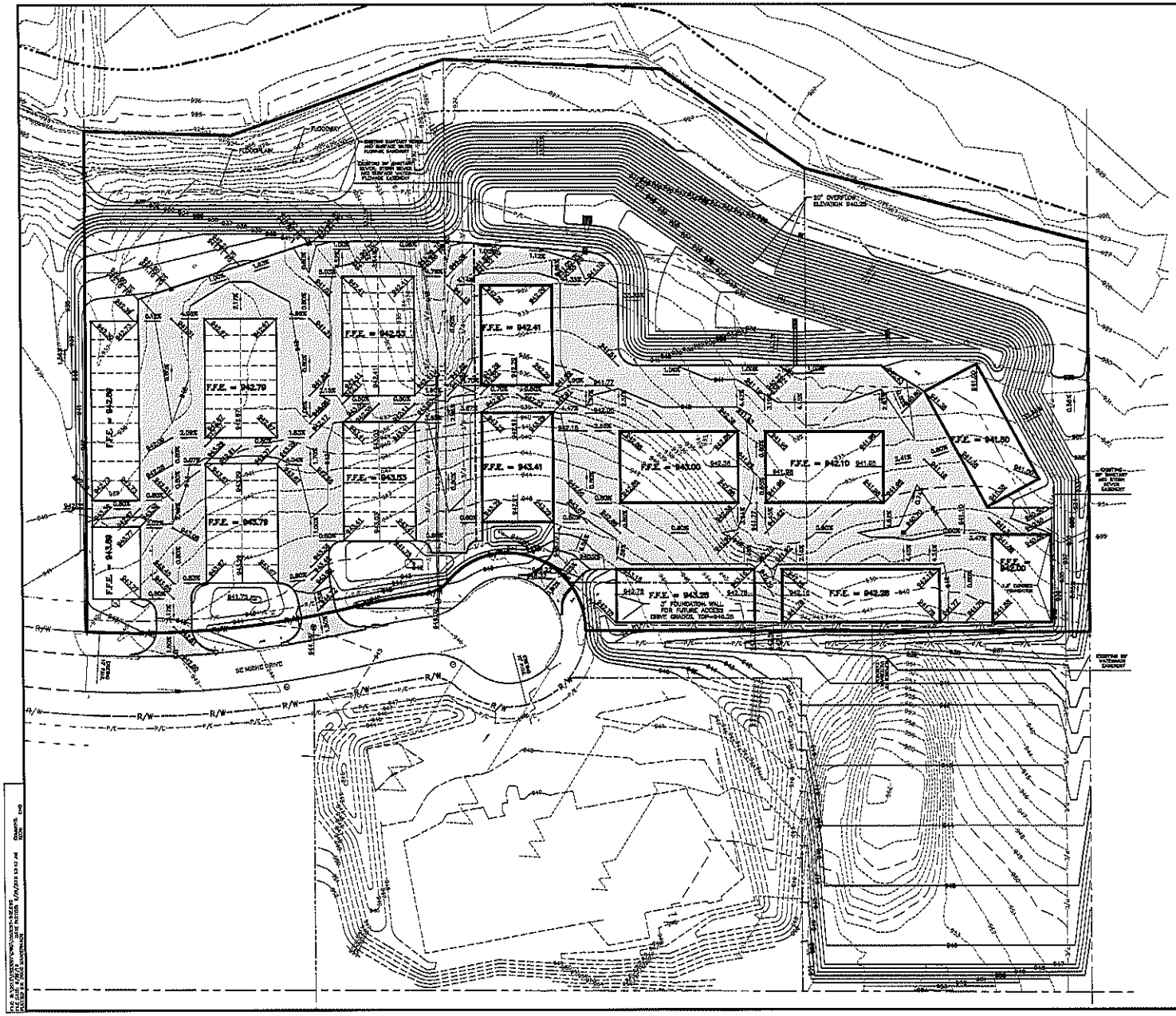
REVISIONS	DATE
SECOND SUBMITTAL	6-05-15
FIRST SUBMITTAL	5-29-15

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5
DIMENSION PLAN

GRIMES, IOWA

3/15

1503057



GRADING NOTES

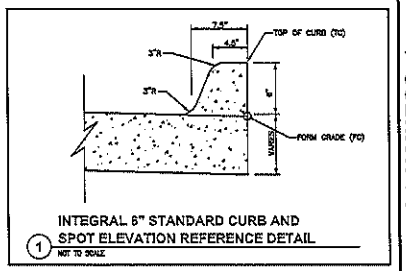
1. PRIOR TO ANY GRADING, A COPY OF THE NPDES PERMIT SHALL BE PROVIDED TO THE CITY'S BUILDING DIVISION.
2. CONTRACTOR SHALL STRIP ALL DELETERIOUS MATERIAL. THE TOP 6" OF TOPSOIL IS TO BE STOCKPILED AND RESPREAD AFTER GRADING IS COMPLETE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A SUITABLE TOPSOIL STOCKPILE SITE.
3. EXCAVATION SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE.
4. MATCH EXISTING GRADES AT PROPERTY LINES AND/OR CONSTRUCTION LIMITS.
5. ALL SPOT ELEVATIONS ARE FORM GRADE (FG) OR TOP OF FINISHED SURFACES UNLESS OTHERWISE NOTED.
6. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
7. SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
8. THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS. ANY DAMAGE TO PROPERTIES OUTSIDE THE SITE BOUNDARY SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE CONTROL TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
10. CONTRACTOR TO PROVIDE SIDEWALK AND PARKING LOT JOINTING PLAN AND DETAILS TO ENGINEER FOR REVIEW.
11. FINAL FINISH GRADING TO BE APPROVED BY THE ARCHITECT AND CIVIL ENGINEER. MATCH EXISTING GRADES AT THE INTERFACE OF NEW AND EXISTING GRADES OR PAVING.
12. ALL EXISTING UTILITIES INCLUDING, BUT NOT LIMITED TO, MANHOLES, UTILITY VALVES, CLEANOUTS, AND INTAKES ARE TO BE ADJUSTED OR REBUILT TO FINISH GRADE AS REQUIRED.
13. SIDEWALKS:
    MAINTAIN 1% MINIMUM AND 8% MAXIMUM (UNLESS OTHERWISE NOTED) LONGITUDINAL SLOPES ON ALL PAVED WALKWAYS. ALL WALKS TO HAVE 1.5% MAXIMUM TRANSVERSE SLOPE IN THE DIRECTION OF NATURAL DRAINAGE. SAW CUT JOINTS AS SOON AS CONCRETE HAS SET. SAW CUTS TO BE 1/8" TO 1/4" WIDE, DEPTH: LONGITUDINAL T/3, TRANSVERSE T/4.
14. THE GRADING OF THE RETENTION/DETENTION FACILITY AND/OR INSTALLATION OF THE STORM SEWER SYSTEM SHALL BE COMPLETED AND FUNCTIONAL PRIOR TO ANY INCREASE IN IMPERVIOUS SURFACES WITHIN THE SITE OR THE PREVIOUSLY MENTIONED ITEMS SHALL BE GRADED/INSTALLED AS SOON AS PRACTICAL.

GENERAL NOTES

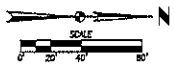
REFER TO SHEET 2 FOR GENERAL NOTES AND DETAIL DRAWINGS.

EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDING TO SUDAS CHAPTER 7 EROSION AND SEDIMENT CONTROL.
2. REFER TO SEPARATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR DETAILS ON EROSION CONTROL.



INTEGRAL 6" STANDARD CURB AND SPOT ELEVATION REFERENCE DETAIL
1 NOT TO SCALE



REVISIONS	DATE
SECOND SUBMITTAL	6-24-15
FIRST SUBMITTAL	5-22-15

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

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5

GRADING PLAN

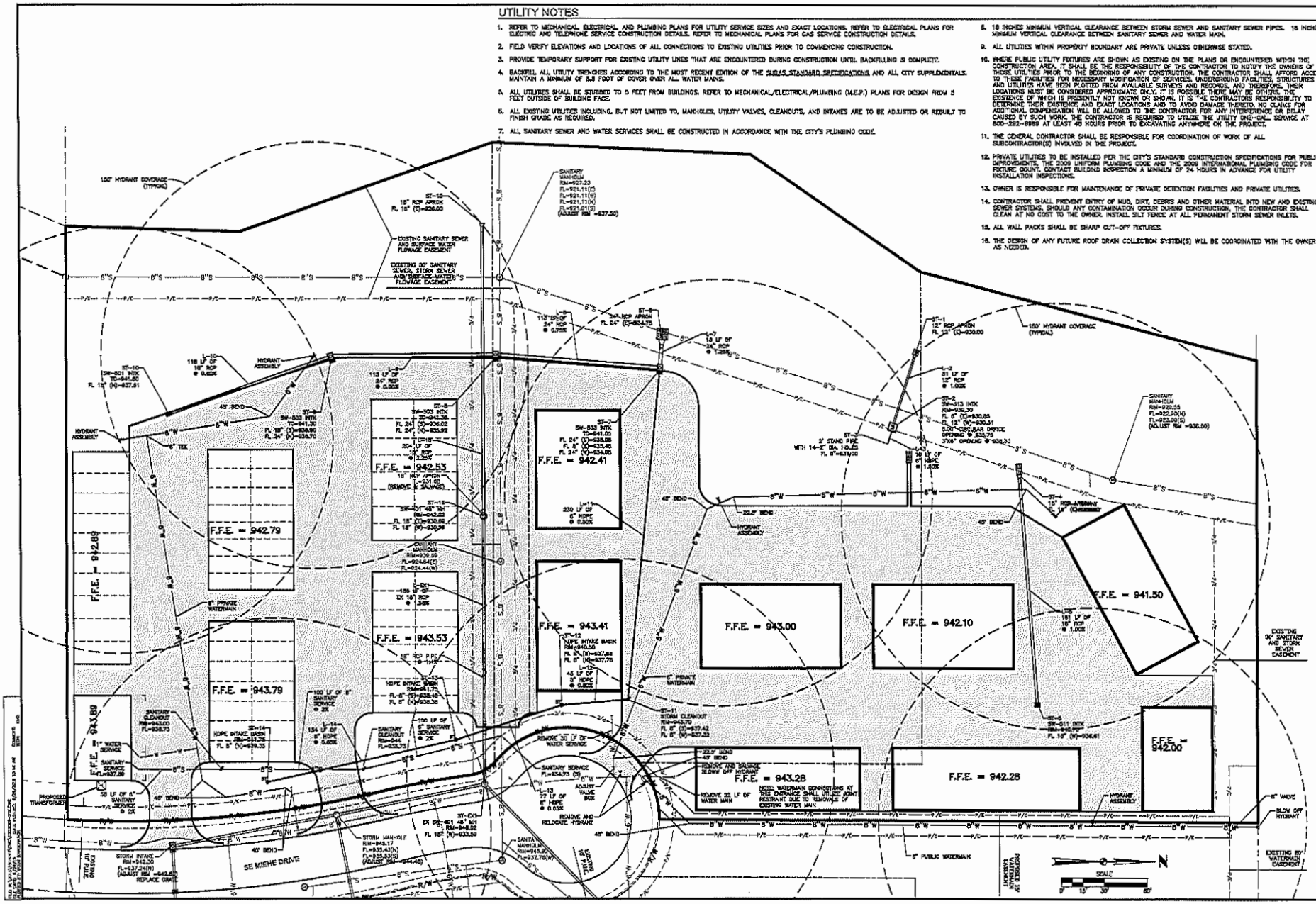
GRIMES, IOWA

4/15

1503097

UTILITY NOTES

1. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR UTILITY SERVICE SIZES AND EXACT LOCATIONS. REFER TO ELECTRICAL PLANS FOR ELECTRIC AND TELEPHONE SERVICE CONSTRUCTION DETAILS. REFER TO MECHANICAL PLANS FOR GAS SERVICE CONSTRUCTION DETAILS.
2. FIELD VERIFY ELEVATIONS AND LOCATIONS OF ALL CONNECTIONS TO EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITY LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION UNTIL BACKFILLING IS COMPLETE.
4. BACKFILL ALL UTILITY TRENCHES ACCORDING TO THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS. MAINTAIN A MINIMUM OF 5.5 FOOT OF COVER OVER ALL WATER MAINS.
5. ALL UTILITIES SHALL BE STUBBED TO 5 FEET FROM BUILDINGS. REFER TO MECHANICAL/ELECTRICAL/PLUMBING (M.E.P.) PLANS FOR DESIGN FROM 5 FEET OUTSIDE OF BUILDING FACE.
6. ALL EXISTING UTILITIES INCLUDING, BUT NOT LIMITED TO, MANHOLES, UTILITY VALVES, CLEANOUTS, AND INTAKES ARE TO BE ADJUSTED OR RESET TO FINISH GRADE AS REQUIRED.
7. ALL SANITARY SEWER AND WATER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S PLUMBING CODE.
8. 18 INCHES MINIMUM VERTICAL CLEARANCE BETWEEN STORM SEWER AND SANITARY SEWER PIPES. 18 INCHES MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER AND WATER MAIN.
9. ALL UTILITIES WITHIN PROPERTY BOUNDARY ARE PRIVATE UNLESS OTHERWISE STATED.
10. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THOSE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
11. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED IN THE PROJECT.
12. PRIVATE UTILITIES TO BE INSTALLED PER THE CITY'S STANDARD CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE 2009 UNIFORM PLUMBING CODE AND THE 2009 INTERNATIONAL PLUMBING CODE FOR FIXTURE COUNT. CONTACT BUILDING INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE FOR UTILITY INSTALLATION INSPECTIONS.
13. OWNER IS RESPONSIBLE FOR MAINTENANCE OF PRIVATE DETENTION FACILITIES AND PRIVATE UTILITIES.
14. CONTRACTOR SHALL PREVENT ENTRY OF MUD, DIRT, DEBRIS AND OTHER MATERIAL INTO NEW AND EXISTING SEWER SYSTEMS. SHOULD ANY CONTAMINATION OCCUR DURING CONSTRUCTION, THE CONTRACTOR SHALL CLEAN AT NO COST TO THE OWNER. INSTALL SILT FENCE AT ALL PERMANENT STORM SEWER INLETS.
15. ALL WALL PACKS SHALL BE SHARP CUT-OFF FIXTURES.
16. THE DESIGN OF ANY FUTURE ROOF DRAIN COLLECTION SYSTEM(S) WILL BE COORDINATED WITH THE OWNER AS NEEDED.



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CIVIL DESIGN ADVANTAGE

ENGINEER: TECH:

REVISIONS	DATE
SECOND SUBMITTAL	4-24-15
FIRST SUBMITTAL	3-25-15

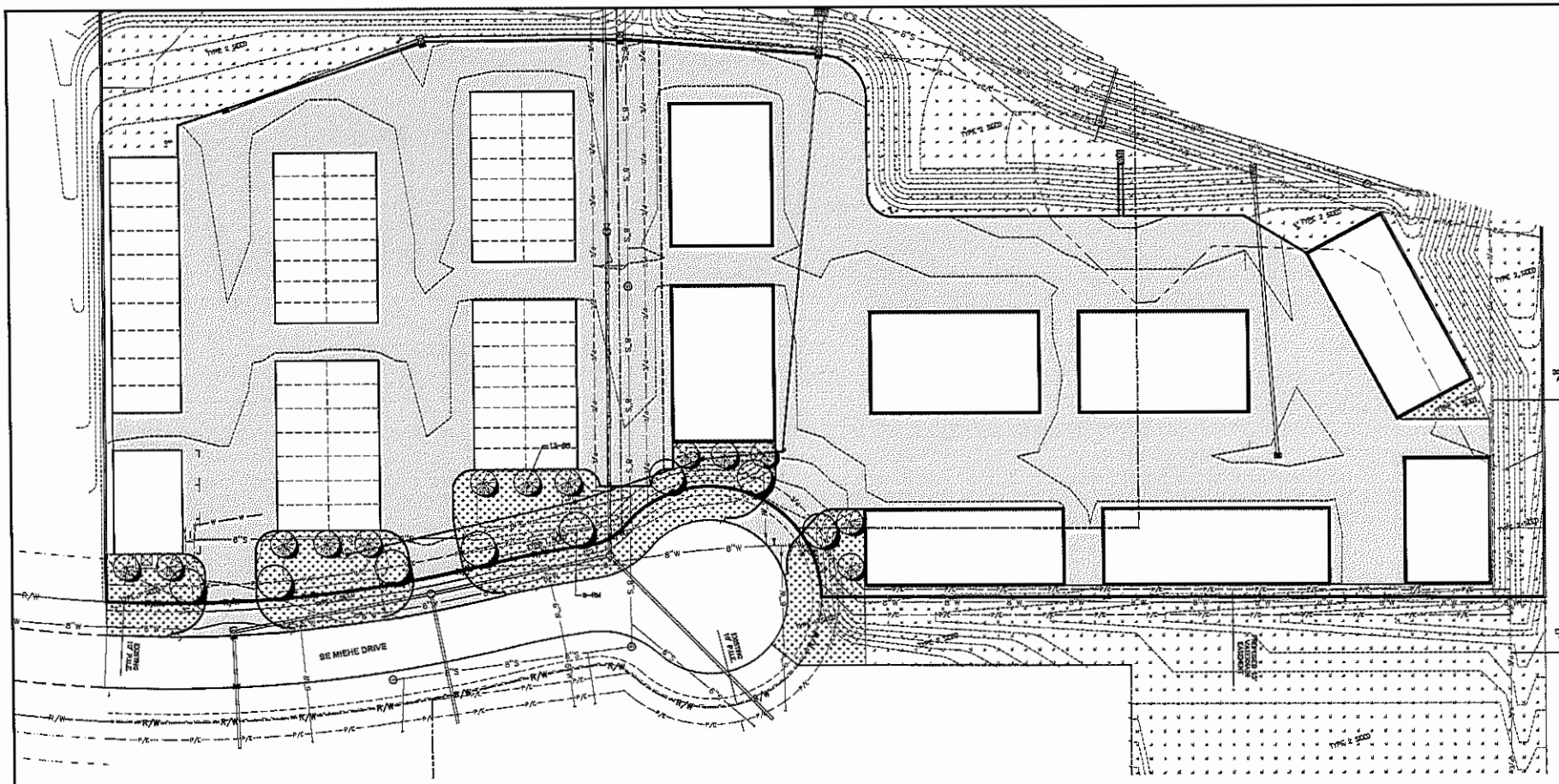
LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMES PLAT 5

UTILITY PLAN

GRIMES, IOWA

5/15

1503097



LANDSCAPE NOTES

1. LOCATE ALL UTILITIES BEFORE ANY PLANTING BEGINS.
2. THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.
3. TYPE, SIZE, AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO THE MOST CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1.
4. ALL PLANT MATERIAL SHALL BE HEALTHY SPECIMENS WITHOUT DEFORMITIES, VOIDS AND OPEN SPACES, WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS; TRUE TO HEIGHT, SHAPE AND CHARACTER OF GROWTH OF THE SPECIES OR VARIETY.
5. SEED ALL AREAS ADJACENT TO STREET WITH (TYPE 1) SEED MIXTURE. SEED DETENTION BASIN AND OFFSITE GRADING WITH (TYPE 2) SEED MIXTURE.
6. WEED PREVENTER (PRE-EMERGENT) SHALL BE SPREAD OVER SOIL AFTER PLANTING AND BEFORE MULCHING IN ALL PLANTING BEDS PER MANUFACTURER'S RECOMMENDATIONS.
7. SHREDDED HARDWOOD MULCH SHALL BE PLACED AROUND ALL TREES, SHRUBS AND IN ALL PLANTING BEDS TO A (MIN) DEPTH OF 3".
8. ALL EDGING SHALL BE SPADE CUT EDGE.
9. PLANT QUANTITIES ARE SHOWN FOR INFORMATION ONLY, THE DRAWING SHALL PREVAIL IF ANY CONFLICTS ARISE.
10. ALL DEBRIS SPILLED IN THE PUBLIC R.O.W. SHALL BE PICKED UP IMMEDIATELY UP BY THE CONTRACTOR.
11. CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.
13. CONTRACTOR SHALL PROVIDE IRRIGATION DESIGN TO OWNER, IF REQUESTED, FOR APPROVAL.
14. ALL GROUND HEATING, VENTILATION AND AIR CONDITIONING MECHANICAL UNITS SHALL BE SCREENED FROM PUBLIC VIEW BY AN OPAQUE FENCE CONSISTING OF WOOD OR BRICK.

PLANT SCHEDULE

CODE	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND
RM	8	RED SUNSET MAPLE	ACER RUBRUM 'RED SUNSET'	1.5" CAL	B&B
BS	13	COLORADO BLUE SPRUCE	PICEA PUNGENS 'GLUACA'	4' HT.	B&B

SCALE
0' 15' 30' 60'

N

REVISIONS | DATE
SECOND SUBMITTAL 8-26-15
FIRST SUBMITTAL 8-26-15

3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
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ENGINEER: | TECH:

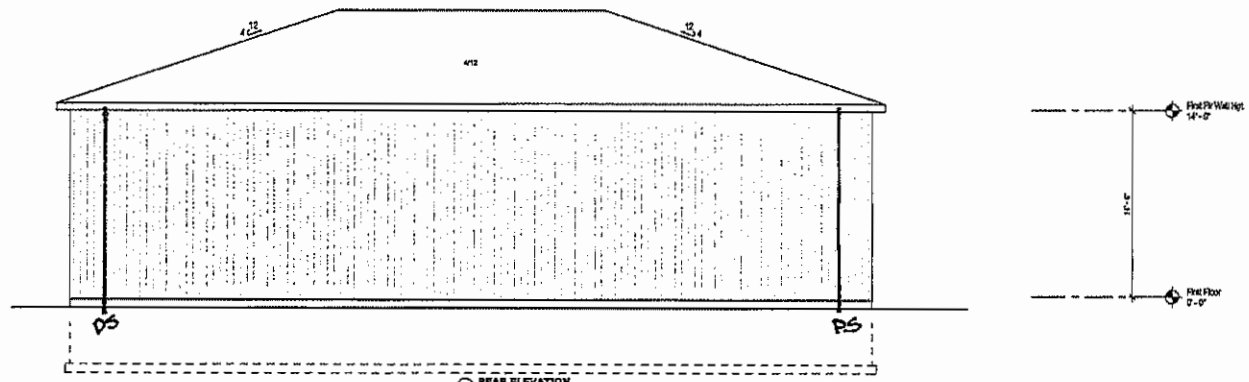
CIVIL DESIGN ADVANTAGE

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5
LANDSCAPE PLAN

GRIMES, IOWA

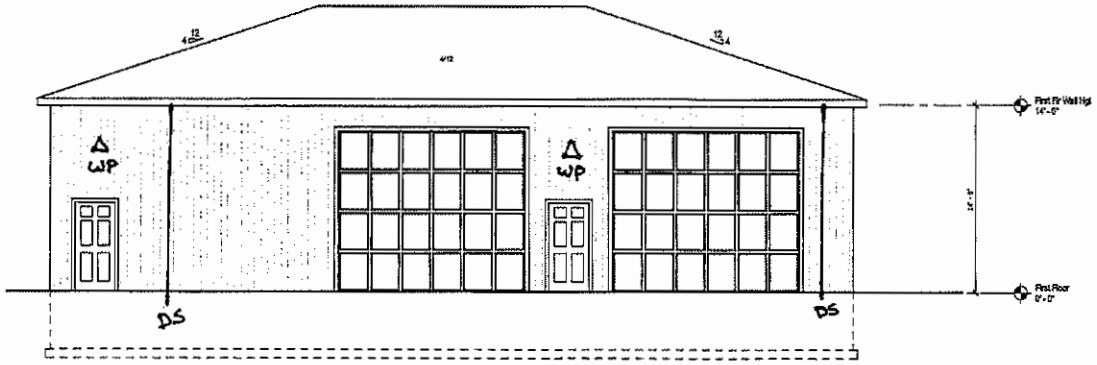
6/15

1503097



1 REAR ELEVATION
Scale: 1/4" = 1'-0"

ESTIMATED AREA - WALL...	
Lap Siding - Vertical	3453 SF



2 FRONT ELEVATION
Scale: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

THESE PLANS MAY NOT BEEN APPROVED FOR FINAL CONSTRUCTION
PLEASE CALL OR SEE OWNER FOR UPDATED PLANS

plum
BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES
1100 ALBERT ROAD, MARSHALLTOWN, IA 50158-1160
TELEPHONE: 515 578 6250 FAX: 515 578 6251

PLUM DESIGN SERVICE, INC. ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. WE ARE NOT A LICENSED ARCHITECT OR ENGINEER. THESE PLANS ARE PROVIDED ON AN "AS IS" BASIS AND IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER TO VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS, AND FLOOR PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR AND/OR OWNER SHALL NOTIFY PLUM DESIGN SERVICE, INC. IMMEDIATELY IF ANY ERRORS OR OMISSIONS FOR POSSIBLE CORRECTION ARE IDENTIFIED PRIOR TO START OF CONSTRUCTION. NO WARRANTIES EXPRESS OR IMPLIED UNLESS COMPLIANCE WITH THIS PLAN WITH APPLICABLE BUILDING CODES REQUIREMENTS ARE MADE.

Kevin Henter
Henter Office
Des Moines, IA

PROJECT ID: 3078

ISSUE DATE:
DATE: 06/17/15
DATE:
DATE:
DATE:

REVISIONS:
DATE:
DATE:
DATE:
DATE:

Elevations
1/4" = 1'-0"

A.1

REVISIONS	DATE
SECOND SUBMITTAL	5-26-15
FIRST SUBMITTAL	5-25-15

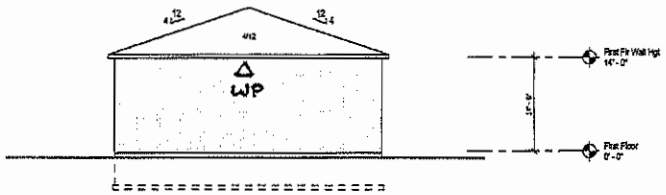
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410

ENGINEER: TECH:

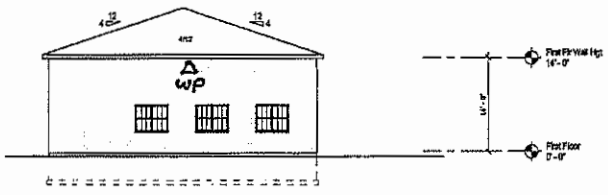
CIVIL DESIGN ADVANTAGE
GRIMES, IOWA

LOTS 1-3, CROSSROADS BUSINESS
PARK OF GRIMESPLAT 5
BUILDING PLAN

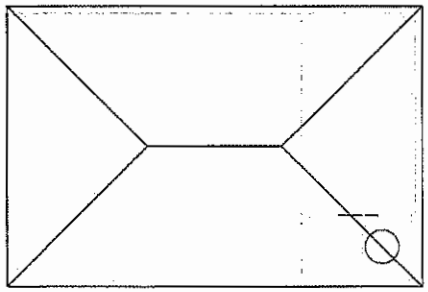
7/15
1503097



1 LEFT ELEVATION
SCALE: 1/8" = 1'-0"



2 RIGHT ELEVATION
SCALE: 1/8" = 1'-0"



3 ROOF PLAN
SCALE: 1/8" = 1'-0"

ROOF PLAN LEGEND				
SYMBOL	PLAN SLOPE	RISE	GIRDER/HDR	HDR. INFO
	XX.XX	XX"	XX"	XXXX
ALL ROOF OVERHANGS ARE 12" UNLESS NOTED				

ESTIMATED AREA - Plan
2214.0 SF

NOT FOR CONSTRUCTION

THESE PLANS ARE NOT BEING APPROVED FOR FINAL CONSTRUCTION
PLEASE CALL OUT SEE EXPERT FOR APPROVED PLANS

plum
BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES
1104 ALICE'S ROAD, WAUKEE, IOWA 50263-1100
TELEPHONE: 515.978.6250 FAX: 515.978.6251

PLUM DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. WE ARE NOT A LICENSED ARCHITECT OR ENGINEER. THESE PLANS ARE PROVIDED ON AN "AS IS" BASIS AND IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER TO VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS, AND FLOOR PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR AND/OR OWNER SHALL NOTIFY PLUM DESIGN SERVICES, INC. IMMEDIATELY IF ANY ERRORS OR OMISSION FOR POSSIBLE CORRECTION ARE IDENTIFIED PRIOR TO START OF CONSTRUCTION. NO WARRANTIES EXPRESS OR IMPLIED INCLUDING COMPLIANCE WITH THIS PLAN WITH APPLICABLE BUILDING CODES REQUIREMENTS ARE MADE.

Kevin Henter
Henter Office
Des Moines, IA

PROJECT ID: 3078

ISSUE DATE:
DATE: 05/12/15
DATE:
DATE:
DATE:

REVISIONS:
DATE:
DATE:
DATE:
DATE:

Elevations
As Indicated

A.2

REVISIONS	DATE
SECOND SUBMITTAL	6-26-15
FIRST SUBMITTAL	5-22-15

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

CIVIL DESIGN ADVANTAGE

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5
BUILDING PLAN
GRIMES, IOWA

8/15
1503097

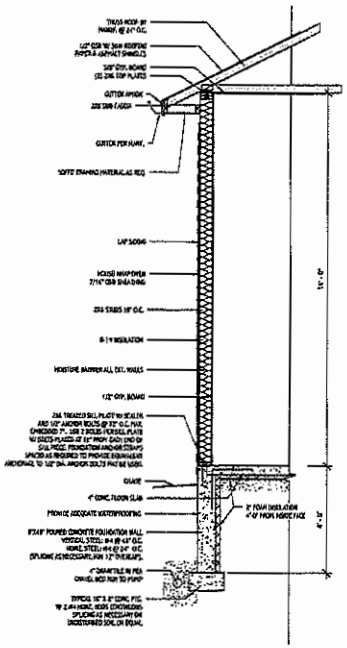
WINDOW SCHEDULE						
ID	QTY	TYPE	ROUGH OPENINGS WIDTH	ROUGH OPENINGS HEIGHT	HEADER HEIGHT	SPECIAL NOTES
W4	1	3247 GLSH	3'-1"	2'-1"	6'-10 3/4"	Window Egress

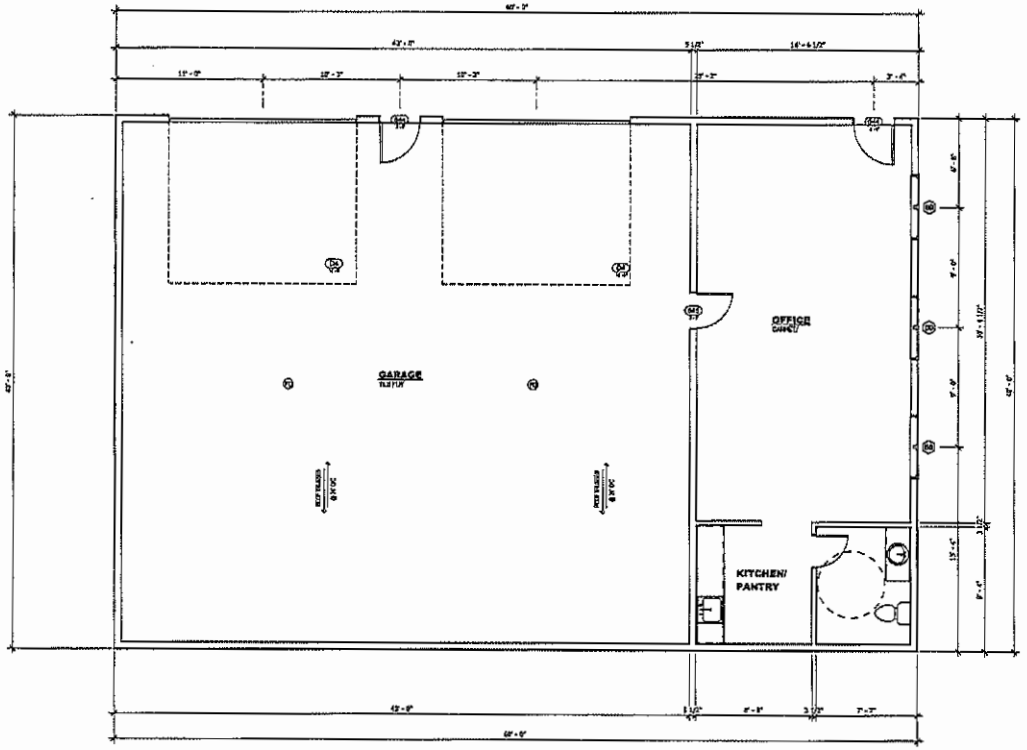
AREA SCHEDULE	
NAME	SQ FT
Main Floor	2400 SF
	2400 SF

DOOR SCHEDULE					
ID	QTY	DOOR SIZE	ROUGH OPENINGS WIDTH	ROUGH OPENINGS HEIGHT	SPECIAL NOTES
101	2	3068 6-Panel Steel	3'-1 1/2"	6'-11 1/2"	
102	1	2468 6-Panel Steel	2'-7 1/2"	6'-11 1/2"	
104	2	9468 FOLD	16'-0"	6'-11 1/2"	Overhead Garage Door
105	1	2468	2'-8"	6'-10 1/2"	

GENERAL CONSTRUCTION NOTES

1. 8" X 20" POURED CONCRETE WALLS ON FOOTINGS.
2. 2X6 WALLS @ 16" O.C. WITH R-19 BATT INSULATION UNLESS OTHERWISE NOTED. (R-49 CEILING MIN.)
3. EXTERIOR DIMENSIONS ARE FROM THE OUTSIDE OF SHEATHING TO OUTSIDE OF SHEATHING OR FACE OF MASONRY OR FACE OF MASONRY.
4. INTERIOR DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD.
5. ALL DOOR AND WINDOW HEADERS TO BE (2) 2X10 UP TO (4) 2X12 UNLESS NOTED OTHERWISE. (NO. 1 MIN.) (NO. 1 DWG. STUD ON EACH END UNLESS NOTED OTHERWISE.
6. ALL HEADERS AND BEAMS ARE CENTERED ON EACH OPENING UNLESS NOTED OTHERWISE.
7. 2X BRACE TYPE DESIGN W/ SELF CLOSING FENCE BETWEEN GARAGE AND LIVING AREAS.
8. ALL EXTERIOR DOOR OPENINGS HEADERS AND UNDER SILL.
9. PER 2012 IRC, BUILDING CODES FOR SPECIFIC SMOKE ALARM LOCATIONS.
10. SEE SHEET A.2 FOR ADDITIONAL NOTES.





NOT FOR CONSTRUCTION

THESE PLANS HAVE NOT BEEN APPROVED FOR FINAL CONSTRUCTION
PLEASE CALL OR SEE OWNER FOR UPDATED PLANS

plum BUILDING SYSTEMS, LLC

PLUM DESIGN SERVICES
1100 43RD ROAD, WEST DES MOINES, IOWA 50265-1100
TELEPHONE 515.974.0260 FAX 515.978.8260

PLUM DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR STRUCTURAL OR DIMENSIONAL ERRORS OR OMISSIONS. WE ARE NOT A LICENSED ARCHITECT OR ENGINEER. THESE PLANS ARE PROVIDED ON AN "AS IS" BASIS AND IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR OWNER TO VERIFY AND CHECK ALL NOTES, DETAILS, ELEVATIONS, SECTIONS, AND FLOOR PLANS PRIOR TO CONSTRUCTION. THE CONTRACTOR AND/OR OWNER SHALL NOTIFY PLUM DESIGN SERVICES, INC. IMMEDIATELY OF ANY ERRORS, OR OMISSION FOR POSSIBLE CORRECTION ARE IDENTIFIED PRIOR TO START OF CONSTRUCTION. NO WARRANTIES EXPRESS OR IMPLIED INCLUDING COMPLIANCE INTO THIS PLAN WITH APPLICABLE BUILDING CODES REQUIREMENTS ARE MADE.

Kevin Henter
Henter Office
Des Moines, IA

PROJECT ID: 3078

ISSUE DATE:
DATE: 06/17/15
DATE:
DATE:
DATE:

REVISIONS:
DATE:
DATE:
DATE:
DATE:

Main Floor
As indicated

A.4

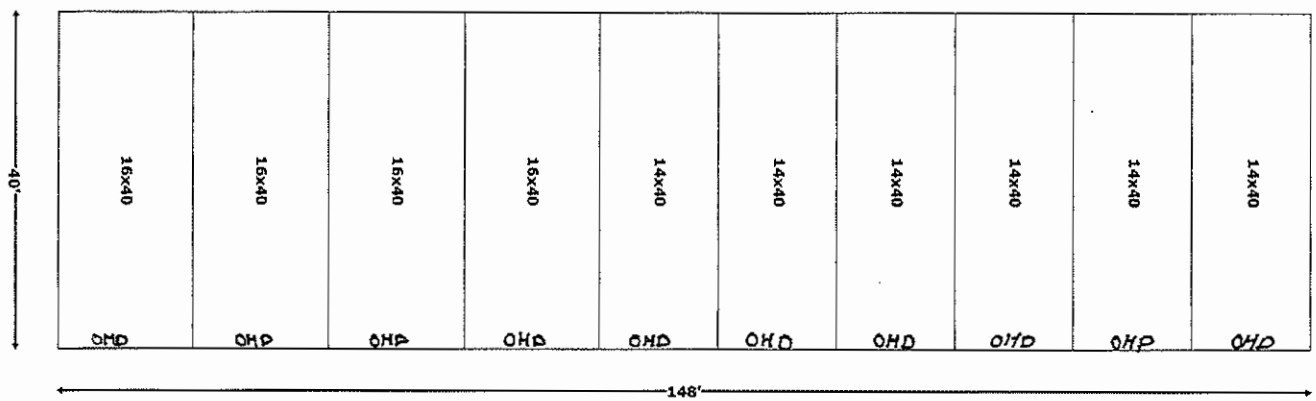
REVISIONS	DATE
SECOND SUBMITTAL	8-26-15
FIRST SUBMITTAL	7-28-15

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

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMES PLAT 5
BUILDING PLAN
GRIMES, IOWA

9/15
1503087

LOTS 1-3, CROSSROADS BUSINESS
PARK OF GRIMES PLAT 5
BUILDING PLAN
GRIMES, IOWA
10/15
CIVIL DESIGN ADVANTAGE
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4405 FAX: (515) 369-4410
ENGINEER:
TECH:
REVISIONS
DATE
BIDDING SUBMITTAL 6-26-15
FIRST SUBMITTAL 5-26-15
Pella Building Systems, Inc.
ELEVATIONS
Date
Drawing#
Designer
Detailer
BLD3 40x148x16
06/04/15
2890
Wade Goodyk
Karl Schmidt
16'10" PEAK
40'
EAST
148'
16'
DOORS
TYPE
SIZE
QTY.
ROLL UP
12'0" x 14'0"
10
BRIAN BALMER
GRIMES, IOWA



	BLD. B	
SIZE	UNITS	SQ.FT.
14x40	6	3360
16x40	4	2560
TOTALS	10	5920

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLD.B 40x148x16
Date	06/10/15
Drawing#	2895
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-628-9300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@pellabuildings.com

REVISIONS	DATE
SECOND SUBMITTAL	6-26-15
FIRST SUBMITTAL	5-29-15

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

ENGINEER:

TECH:

CIVIL DESIGN ADVANTAGE

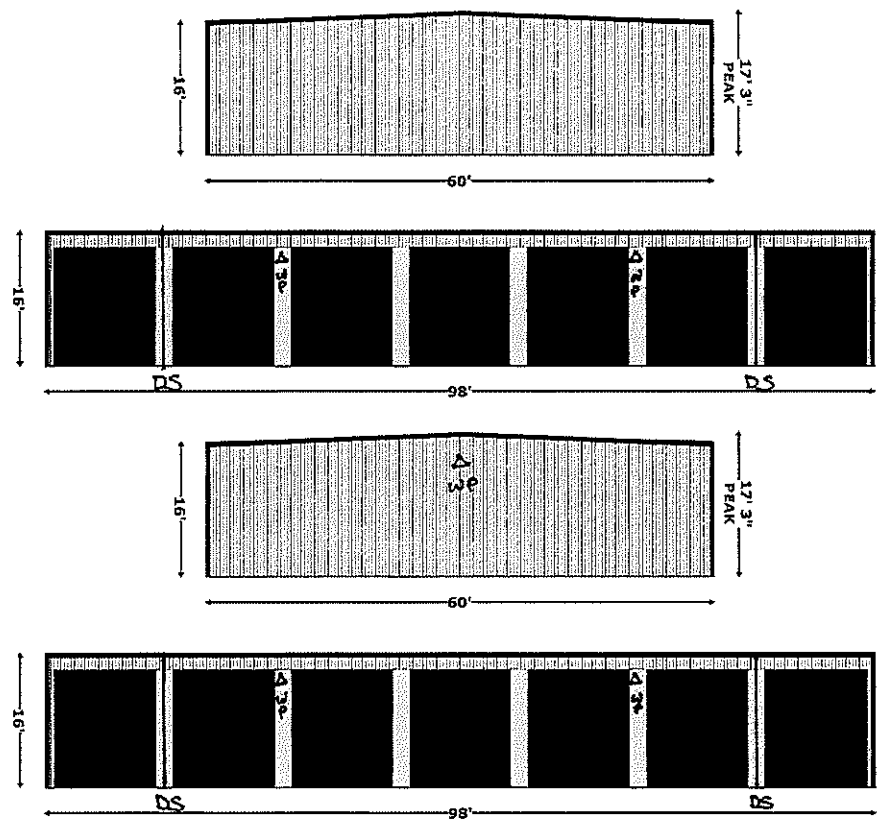
GRIMES, IOWA

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5

BUILDING PLAN

11/15

1503097



	DOORS	
TYPE	SIZE	QTY.
ROLL UP	12'0" x 14'0"	14

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	BLD.C 60x98x18
Date	06/04/15
Drawing#	2893
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-628-9300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@pellabuildings.com

Pella

REVISIONS | DATE
SECOND SUBMITTAL | 6-26-15
FIRST SUBMITTAL | 5-26-15

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

ENGINEER: | TECH:

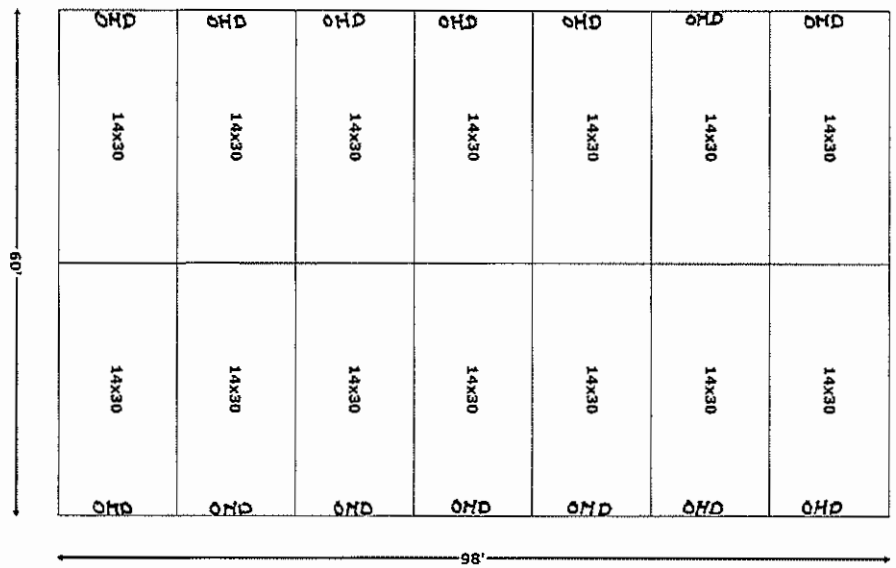
CIVIL DESIGN ADVANTAGE

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5
BUILDING PLAN

GRIMES, IOWA

12/15

1503097



	BLD. C	
SIZE	UNITS	SQ.FT.
14x30	14	5880
TOTALS	14	5880

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLD.C 60x98x16
Date	06/10/15
Drawing#	2898
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-628-9300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@pellabuildings.com

REVISIONS | DATE
SECOND SUBMITTAL 6-26-15
FIRST SUBMITTAL 5-29-15

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

ENGINEER: TECH:

CIVIL DESIGN ADVANTAGE

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5

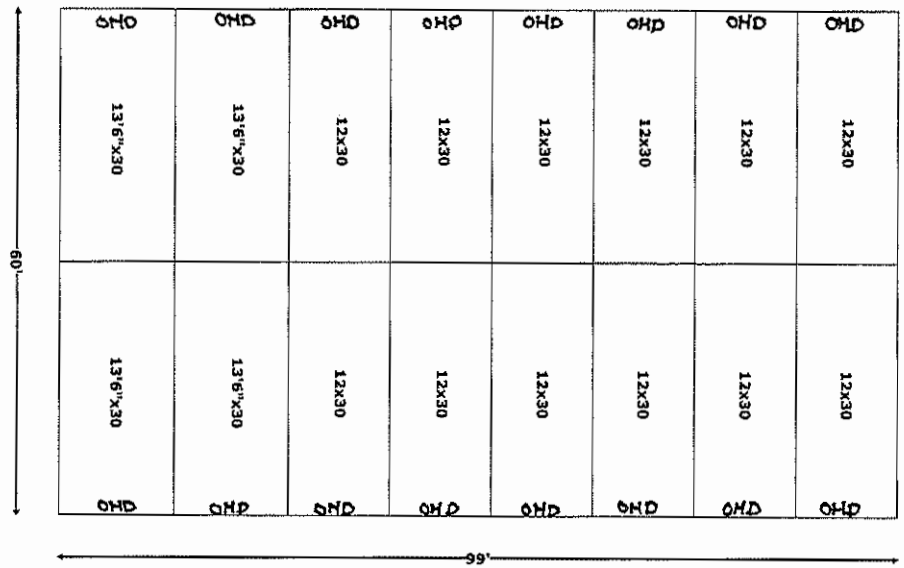
BUILDING PLAN

GRIMES, IOWA

13/15

1503097

LOTS 1-3, CROSSROADS BUSINESS
PARK OF GRIMESPLAT 5
BUILDING PLAN
GRIMES, IOWA
14/15
1503097
CIVIL DESIGN ADVANTAGE
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
ENGINEER:
TECH:
REVISIONS
DATE
SPECIFIC SUBMITTAL
6-26-15
FIRST SUBMITTAL
5-26-15
Pella Building Systems, Inc.
Pella, Iowa 50219
ELEVATIONS
Date 05/04/15
Drawing# 2894
Designer Wioba Goodyk
Detailer Karl Schmidt
TYPE
DOORS
SIZE
QTY.
ROLL UP
10'4" x 12'0"
12
ROLL UP
11'10" x 12'0"
4
15' 3" PEAK
60'
14'
99'
A
30'
DS
BRIAN BALMER
GRIMES, IOWA



	BLD. D,E,F	
SIZE	UNITS	SQ.FT.
12x30	12	4320
13'6"x 30	4	1620
TOTALS	16	5940

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLD.D,E,F 60x99x14
Date	06/10/15
Drawing#	2899
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

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2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-628-8300
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E-mail: info@pellabuildings.com

Pella

LOTS 1-3, CROSSROADS BUSINESS PARK OF GRIMESPLAT 5

BUILDING PLAN

GRIMES, IOWA

CIVIL DESIGN ADVANTAGE

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

ENGINEER:

TECH:

REVISIONS	DATE
SECOND SUBMITTAL	6-26-15
FIRST SUBMITTAL	5-29-15

15/15

1503097

CIVIL DESIGN ADVANTAGE L.L.C.
ENGINEERS, LANDSCAPE ARCHITECTS, PLANNERS & SURVEYORS

June 26, 2015

Attn: Mitch Holtz
Fox Engineering
City Engineer, City of Grimes
101 N. Harvey Street
Grimes, Iowa 50111

RE: Crossroads Plat 5 Lots 1-3 Site Plan
Grimes, Iowa
(CDA 1503.097)
(FOX P.N. 8630-04K.270)

Dear Mr. Holtz:

On behalf of Gator Excavating, we submit herewith this revised site plan for Crossroads Business Park Plat 5 Lots 1-3 for review and approval. We look forward to your review. The following responses relate to the letter dated June 19th containing city comments.

General Comments

1. The address for this property shall be 3050 SE Miehe Drive. **The address has been shown on the cover sheet.**
2. Please provide the elevation sheets attached to the site plan (include in the index). **The elevation sheets have been added to the plan set.**

Site Plan – Cover Sheet – Sheet 1

3. Please revise the benchmarks to be what is on the Crossroads Business Park Plat 5 Construction Plans. **The benchmarks have been revised.**
4. The legal description is incorrect. Please revise. **Legal description acceptable per e-mail.**
5. Please address parking for the site. Discussion is necessary whether the buildings on this site are considered warehouse space, requiring one space for each 2,000 square feet of gross floor area (38 stalls). Please provide a summary stating how many stalls are required, and also state that these stalls will be provided internal to the buildings. **Parking calculations are shown for warehouse requirements. All parking will be interior to buildings.**

Site Plan – General Notes & Details – Sheet 2

6. The information on the intake detail does not match the intake information on sheet 5. Please revise accordingly. **The detail has been modified to 8" wall due to the depth over 7'.**
7. Is there a detail no. 2 missing from this sheet? **The details have been moved to other sheets.**

Site Plan – Dimension Plan – Sheet 3

8. Please dimension the length of curb cuts on SE Miehe Drive. **The dimensions have been added.**
9. Please state that the floodway/floodplain lines are based on the CDA flood study (reference said study). **The flood plain lines are labeled as based on the CDA flood study.**
10. Please show any future office space if known. Please note that a site plan submittal will be required in the future if an office building is desired, therefore taking into account future parking spaces will be important at this time. **There is no additional future office space planned.**
11. Please provide a location and detail for the dumpster enclosure. If garbage will be internally

handled, please state as such on the site plan. **All garbage will be handled interior to the buildings.**

12. Please dimension the distance from parking/buildings to the property boundary along the north and east property boundaries. **Additional dimensions have been added.**
13. Please show overhead doors and man doors for each structure. **The door locations are shown.**
14. Please state whether there will be any overnight truck trailer storage. **The site is intended to be a storage facility. Overnight Semi-truck parking is not anticipated for this site**
15. Please provide a note stating that there will be no material or vehicle storage on the site. **Note #19 has been added for material storage. Vehicle and trailer storage may occur on this site**

Site Plan – Grading Plan – Sheet 4

16. Please show grading arrows to list general grades of side slopes and swales. **Additional grading arrows have been added.**
17. Please verify that permission has been granted from adjacent property owner to the east (Lot 4) to grade on their property. It will be important to address stabilization of this lot once grading is complete. **The adjacent owner is in agreement with the offsite grading.**
18. Please move overlapping text throughout this sheet. **The overlapping text has been revised.**
19. Is the curb detail the same as on Sheet 2? **The curb detail has been combined with the other detail.**

Site Plan – Utility Plan – Sheet 5

20. Thrust-blocking will not be allowed at the water service connection and locations of the water main removals due to the amount of disturbed earth during placement of the utilities and connections. Please provide distances of joint restraint based on manufacturer's recommendations. Please provide restraint locations and distances on the site plan. **A note has been added to utilize joint restraints.**
21. Please show and dimension erosion control at the end of the flared end sections and flumes. Please consider using a product more aesthetically pleasing than rip rap (e.g. Scour Stop). **Scour Stop has been showed at the ends of the pipes and letdown.**
22. Please show all roof drains. **The roof drains are shown on the elevation views.**
23. Please note that the Fire Chief has yet to review the site plan. Additional fire department comments may follow. **Duly noted.**
24. Will any of the structures require power? **The structure will require minimal power for plugins and lights.**

Site Plan – Landscape Plan – Sheet 6

25. Please define which areas will be seeded with what. The notes indicate that all disturbed areas will be seeded with Type 1 Seed or sodded? **Type 1 and Type 2 seeding has been shown.**
26. Please provide landscaping along the west property line. **We do not feel we should be required to screen towards the drainage way and similar property to the west.**

Lighting Plan

27. Note 15 on sheet 5 make reference to future wall packs. Is any lighting being proposed at this time? **The wall packs ae anticipated to be installed on the buildings as they are constructed.**

Elevation Plan

28. Please show wall packs on the elevation plans. **The wall packs are shown.**
29. Discussion is necessary about the aesthetic of the buildings. Will the storage buildings be metal?

The city desires that structures that are all metal along the outside have some brick accents. It is highly recommended that you bring detailed building materials and color schemes with you to P & Z. **The buildings will be metal sided buildings with different color trim.**

Stormwater Management Plan

30. FOX has yet to review the stormwater management plan. These review comments will come under a separate cover. **Duly noted.**

Stormwater Pollution Prevention Plan

31. FOX has not received a Stormwater Pollution Prevention Plan (SWPPP) for review. Please submit a SWPPP for review and include a completed City of Grimes Grading/Certification form. **The SWPPP is in progress and will be submitted for review.**
32. Please submit a NPDES Permit for the grading of this site. **The NPDES Permit is in process and will be submitted when obtained.**

Post Construction Stormwater Agreement

33. Please provide the necessary Post-Construction documents for review. **The Post-Construction documents are in process and will be provided.**

We look forward to your review. Contact me with any questions.

Sincerely,

CIVIL DESIGN ADVANTAGE, LLC

Doug Mandernach

Doug Mandernach

copy: Kevin Henter, Gator Excavating
Brian Balmer, Erickson Builders
Ryan Hardisty, CDA

Enclosure

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 29, 2015

Doug Mandernach
Civil Design Advantage L.L.C.
3405 SE Crossroads Drive, Suite G
Grimes, IA 50111

Lots 7 (Dukes) – Site Plan
Crossroads Business Park Plat 5 – Lot 7
3005 SE Miehe Drive
FOX P.N. 8630-04K.271

FOX Engineering has completed the second review of the Site Plan for Lot 7 of Crossroads Business Park Plat 5, dated June 26, 2015 and offer the following comments:

Site Plan – Cover Sheet – Sheet 1

1. The Grimes Parking Ordinance requires 1 stall per 2,000 s.f. of warehouse area. Thus, 11,900/2,000 = 6 parking stalls are required. Please state the number of proposed interior parking stalls provided.

Site Plan – Dimension Plan – Sheet 2

2. Please revised the sidewalk note stating "Future Sidewalk shall be the responsibility of the Developer. Sidewalk shall be installed within 6 months after notification by the City of Grimes."

Site Plan – Grading Plan – Sheet 3

3. It appears that the emergency overflow takes up half of the pond berm (elevation = 945). Please reduce this overflow length to better define its location and size it for the 100-yr proposed event (~9cfs).

Site Plan – Utility/Landscape Plan – Sheet 4

4. Please state that splash guards or other erosion control measures are required at the roof drain outlets.
5. Please provide a site hydrant that will cover the building at 150-ft radius.

Elevation Plan

6. Please state the proposed metal building colors for the storage buildings (building, roof, doors).

Stormwater Management Plan

7. Please reference the approved Crossroads Business Park Plat 5 stormwater management plan for the allowed release rate from Lot 7 (2.28 cfs).
8. It appears that the weir elevation and crest length in the pond report (944.60, 3.00) does not match what is shown on the plans (944.48, 4.71). Please revise as necessary.

Stormwater Pollution Prevention Plan

9. Please submit a City of Grimes Grading/Certification for Development form. This is so that if/when there are erosion issues on-site, the city has contact information. A formal SWPPP is not required as the site disturbance is less than 1-acre.

Post Construction Stormwater Agreement

10. Please provide the necessary Post-Construction documents for review.

SITE PLAN SCHEDULE:

PLANNING & ZONING: July 7, 2015 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2015 at 5:30 at the Grimes City Hall

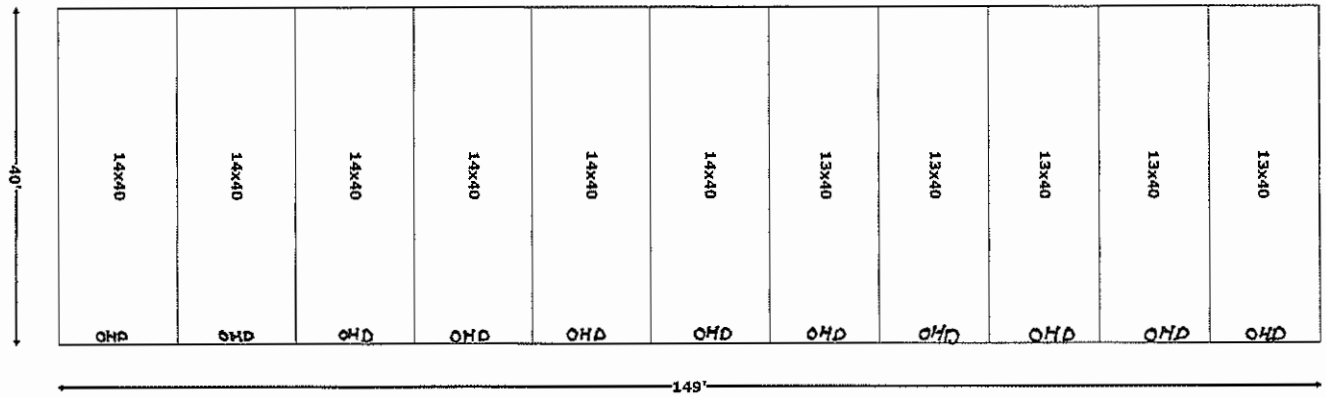
Once all comments are addressed, submittal of 6 signed site plans, and 1 copy of all other required documents will be required.

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Scott Clyce, City of Grimes



	BLD. G	
SIZE	UNITS	SQ.FT.
13x40	5	2600
14x40	6	3360
TOTALS	11	5960

BRIAN BALMER
GRIMES, IOWA

FLOOR PLAN	BLDG 40x149x10
Date	06/10/15
Drawing#	2896
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-325-0481 or 1-641-628-9300
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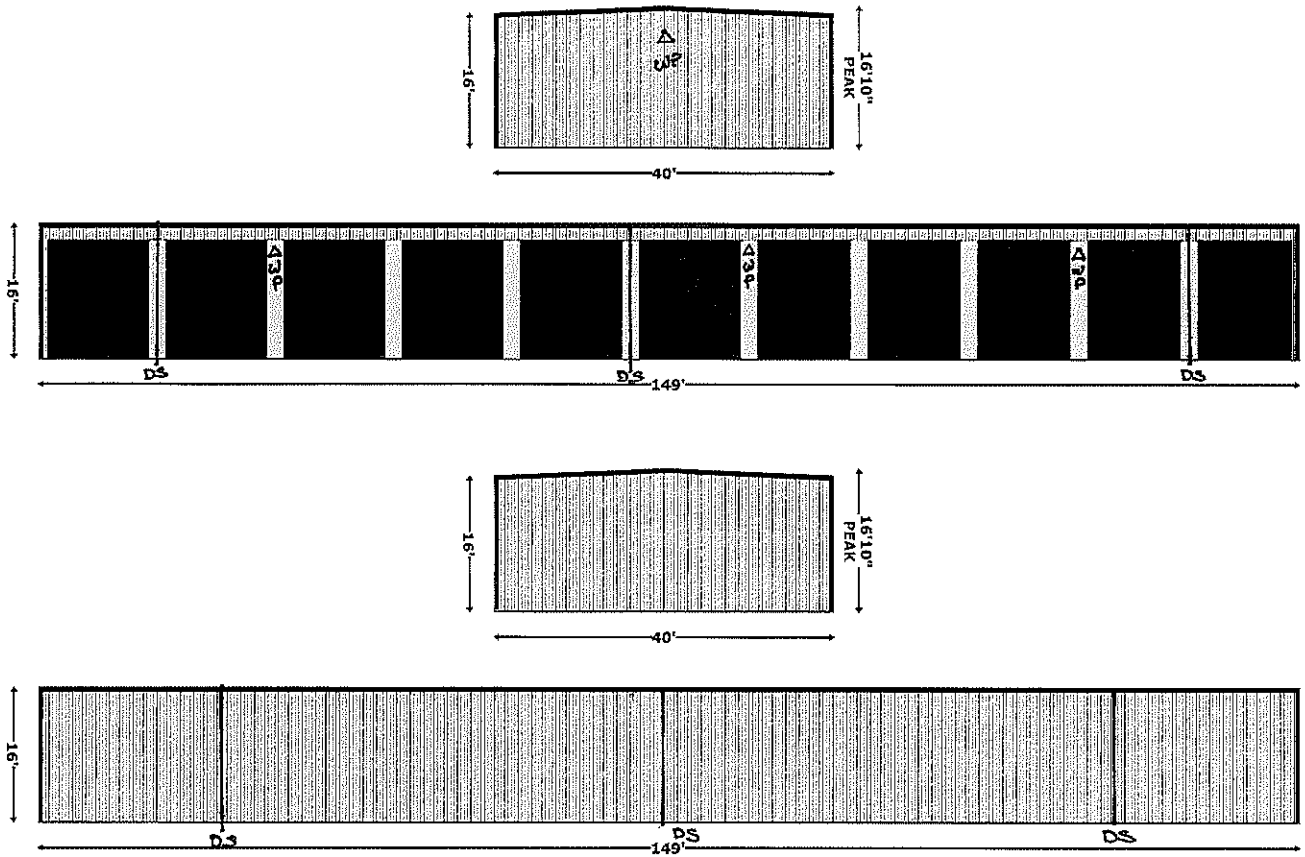

	DOORS	
TYPE	SIZE	QTY.
ROLL UP	11'0" x 14'0"	5
ROLL UP	12'0" x 14'0"	6

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	BLDG 40x149x16
Date	06/04/15
Drawing#	2891
Designer	Wiebe Goodyk
Detailer	Kari Schmidt

Pella Building Systems, Inc.
2150 Idaho Drive
Pella, Iowa 50219
1-800-225-9401 or 1-641-628-9300
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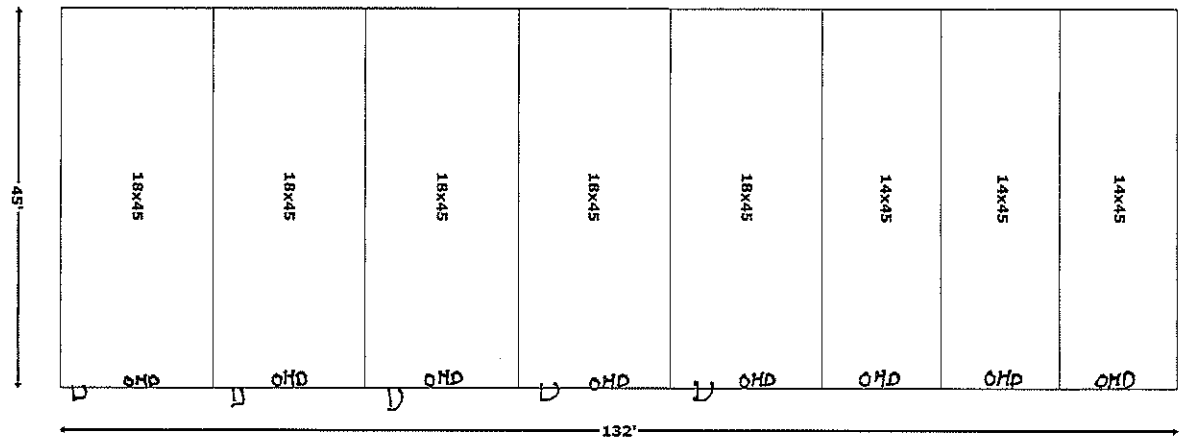
www.pellabuildings.com
E-mail info@ pellabuildings.com



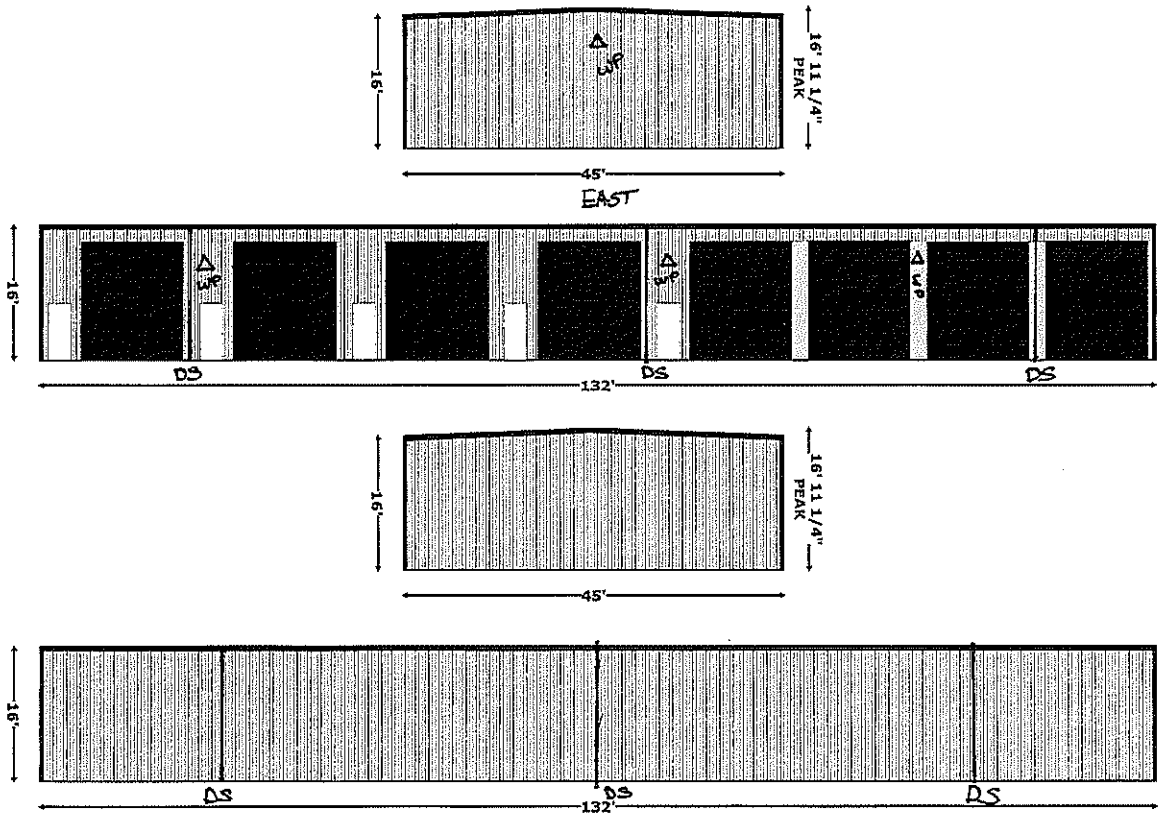
	BLD. H	
SIZE	UNITS	SQ.FT.
14x45	3	1890
18x45	5	4050
TOTALS	8	5940

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLD.H45x132x16
Date	06/10/15
Drawing#	2997
Designer	Mabe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2156 Idaho Drive
Pella, Iowa 50219
1-800-225-5461 or 1-641-628-9300
Fax 1-641-628-9277
www.pellabuildings.com
E-mail: info@ pellabuildings.com



	DOORS	
TYPE	SIZE	QTY.
WALK	2'8" x 6'8"	5
ROLL UP	12'0" x 14'0"	8

BRIAN BALMER
GRIMES, IOWA

ELEVATIONS	SLD.H45x132x16
Date	06/04/15
Drawing#	2892
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

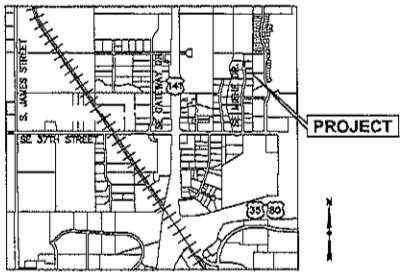
Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-6481 or 1-641-628-9300
Fax 1-641-628-8277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

SITE PLAN FOR:

CROSSROADS BUISNESS PARK PLAT 5, LOT 7

3005 SE MIEHE DRIVE
GRIMES, IOWA

VICINITY MAP
NOT TO SCALE



INDEX OF SHEETS

NO.	DESCRIPTION
1	COVER SHEET
2	DIMENSION PLAN
3	GRADING PLAN
4	UTILITY PLAN/LANDSCAPE PLAN
5-8	BUILDING ELEVATIONS

GENERAL LEGEND

PROPOSED		EXISTING	
PROJECT BOUNDARY		SANITARY MANHOLE	
LOT LINE		WATER VALVE BOX	
SECTION LINE		FIRE HYDRANT	
CENTER LINE		WATER CURB STOP	
RIGHT OF WAY		WELL	
PERMANENT EASEMENT		STORM SEWER MANHOLE	
TEMPORARY EASEMENT		STORM SEWER SINGLE INTAKE	
TYPE SW-501 STORM INTAKE		STORM SEWER DOUBLE INTAKE	
TYPE SW-503 STORM INTAKE		FLARED END SECTION	
TYPE SW-505 STORM INTAKE		ROOF DRAIN/ DOWNSPOUT	
TYPE SW-506 STORM INTAKE		DECIDUOUS TREE	
TYPE SW-513 STORM INTAKE		CONIFEROUS TREE	
TYPE SW-401 STORM MANHOLE		DECIDUOUS SHRUB	
TYPE SW-402 STORM MANHOLE		CONIFEROUS SHRUB	
TYPE SW-301 SANITARY MANHOLE		ELECTRIC POWER POLE	
STORM/SANITARY CLEANOUT		GUY ANCHOR	
WATER VALVE		STREET LIGHT	
FIRE HYDRANT ASSEMBLY		POWER POLE W/ TRANSFORMER	
SIGN		UTILITY POLE W/ LIGHT	
DETECTABLE WARNING PANEL		ELECTRIC BOX	
STORM SEWER STRUCTURE NO.	ST-10	ELECTRIC TRANSFORMER	
STORM SEWER PIPE NO.	L-10	ELECTRIC MANHOLE OR VAULT	
SANITARY SEWER STRUCTURE NO.	SN-10	TRAFFIC SIGN	
SANITARY SEWER PIPE NO.	P=10	TELEPHONE JUNCTION BOX	
SANITARY SEWER WITH SIZE		TELEPHONE MANHOLE/VAULT	
SANITARY SERVICE	S	TELEPHONE POLE	
STORM SEWER		GAS VALVE BOX	
STORM SERVICE	ST	CABLE TV JUNCTION BOX	
WATERMAIN WITH SIZE		CABLE TV MANHOLE/VAULT	
WATER SERVICE	W	MAIL BOX	
SAWCUT (FULL DEPTH)		BENCHMARK	
		SOIL BORING	
		UNDERGROUND TV CABLE	
		GAS MAIN	
		FIBER OPTIC	
		UNDERGROUND TELEPHONE	
		OVERHEAD ELECTRIC	
		UNDERGROUND ELECTRIC	
		FIELD TILE	
		SANITARY SEWER W/ SIZE	
		STORM SEWER W/ SIZE	12"-RCP
		WATER MAIN W/ SIZE	

OWNER/ APPLICANT
DUKES LLC
CONTACT: BRIAN BALMER
3005 SE MIEHE DRIVE
GRIMES, IA 50111
PH. (515) 252-1510

ENGINEER
CIVIL DESIGN ADVANTAGE, LLC
CONTACT: DOUG MANDERNACH
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH. (515) 369-4400
FX. (515) 369-4410

SURVEYOR
CIVIL DESIGN ADVANTAGE, LLC
CONTACT: MIKE BROCKEN
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH. (515) 369-4400
FX. (515) 369-4410

PROJECT SITE ADDRESS
3005 SE MIEHE DRIVE

LEGAL DESCRIPTION
LOT 7, CROSSROADS BUSINESS PARK OF GRIMES PLAT 5, CONTAINING 1.00 ACRES (43,560 SF)

ZONING
M-2: LIGHT INDUSTRIAL DISTRICT

DATE OF SURVEY
JULY 2014

BENCHMARKS
NW CORNER OF MIEHE DR AND SE 37TH ST INTERSECTION
BURY BOLT ON FIRE HYDRANT
ELEVATION = 944.11

±300' NORTH OF MIEHE DR AND SE 37TH ST
BURY BOLT ON FIRE HYDRANT
ELEVATION = 950.93

±600' NORTH OF MIEHE DR AND SE 37TH ST
BURY BOLT ON FIRE HYDRANT
ELEVATION = 947.81

PROPOSED LAND USE
STORAGE

DEVELOPMENT SUMMARY

SITE AREA:	1.00 ACRES (43,560 SF)
BUILDING AREAS:	
GARAGE A:	5,950
GARAGE B:	5,840
PAVEMENT:	12,107
	24,007
SETBACKS:	
FRONT:	25'
SIDE:	NONE
REAR YARD:	25'
IMPERVIOUS AREA:	24,007 SF (55.1%)
PERVIOUS AREA:	19,553 SF (44.9%)
OPEN SPACE REQUIRED:	4,356 SF (10%)
OPEN SPACE PROVIDED:	19,553 SF (44.9%)

PARKING:
REQUIRED:
WAREHOUSE= (1/20,000 SF)
11,900/20,000=-1 STALL

PARKING STALLS WILL BE INTERIOR TO BUILDING

CONSTRUCTION SCHEDULE
BEGIN AUGUST 2015
END DEC 2015

SUBMITTAL DATES

SITE PLAN SUBMITTAL #1:	5-29-15
SITE PLAN SUBMITTAL #2:	6-25-15

UTILITY WARNING
THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD 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. A REQUEST WAS MADE TO IOWA ONE CALL FOR THE UTILITY PROVIDERS TO LOCATE THEIR UTILITIES IN THE FIELD.

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR. SUITE G, GRIMES, IOWA 50111
PH: (515) 369-4400 Fax: (515) 369-4410

PROJECT NO. 1504.230

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com

THE PROJECT REQUIRES A CITY OF GRIMES GRADING PERMIT. CIVIL DESIGN ADVANTAGE WILL PROVIDE THE PERMIT FOR THE CONTRACTORS USE DURING CONSTRUCTION.

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 SUDAS STANDARD SPECIFICATIONS, THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

RYAN A. MANDERNACH, PE — DATE

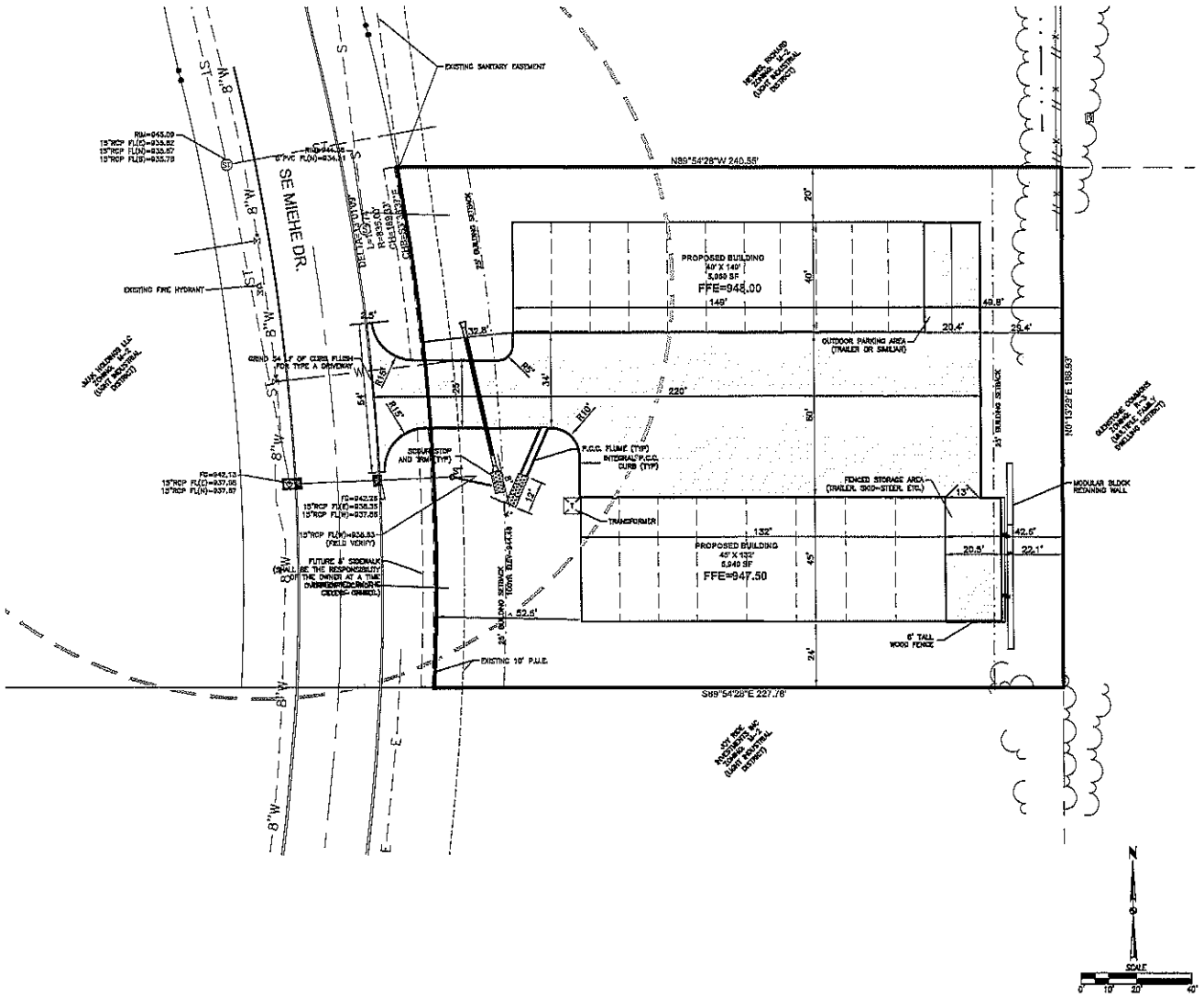
PAGES OR SHEETS COVERED BY THIS SEAL
1-4

PRELIMINARY
NOT FOR CONSTRUCTION

CROSSROADS BUISNESS PARK PLAT 5, LOT 7 - 1504.230

TRAFFIC CONTROL NOTES

1. ALL APPLICABLE CITY PERMITS, INCLUDING BUT NOT LIMITED TO CLOSURE PERMITS, SHALL BE OBTAINED PRIOR TO ANY CONSTRUCTION WITHIN CITY R.O.W. OR LANE CLOSURES.
2. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. PERMANENT SIGNING THAT CONVEYS A MESSAGE CONTRARY TO THE MESSAGE OF TEMPORARY SIGNING AND NOT APPLICABLE TO THE WORKING CONDITIONS SHALL BE COVERED BY THE CONTRACTOR WHEN DIRECTED BY THE CITY.
4. THE CONTRACTOR SHALL COORDINATE HIS TRAFFIC CONTROL WITH OTHER CONSTRUCTION PROJECTS IN THE AREA.
5. SIDEWALK CLOSED SIGNS REQUIRED FOR ALL SIDEWALK CLOSURES.
6. THE CONTRACTOR IS CAUTIONED NEITHER TO OBSTRUCT NOR REMOVE ANY EXISTING PAVEMENT, NOR TO DISTURB THE EXISTING TRAFFIC PATTERNS MORE THAN IS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
7. ALL SIGNING AND LANE STRIPING WILL NEED TO COMPLY WITH MUTCD, MAINTENANCE AND REPLACEMENT OF THE SIGNING AND STRIPING WILL BE THE RESPONSIBILITY OF THE APPLICANT.



GENERAL NOTES

1. THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.
2. ALL WORK SHALL COMPLY WITH ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES.
3. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
4. PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER, ENGINEER, AND/OR ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
5. ONE WEEK PRIOR TO CONSTRUCTION WITHIN CITY R.O.W. OR ANY CONNECTION TO PUBLIC SEWERS CONTRACTOR SHALL NOTIFY THE CITY'S CONSTRUCTION DIVISION.
6. ALL CONSTRUCTION WITHIN PUBLIC R.O.W./ EASEMENTS, AND/OR ANY CONNECTION TO PUBLIC SEWERS AND STREETS, SHALL COMPLY WITH THE CITY'S STANDARDS.
7. ALL DIMENSIONS ARE TO BACK OF CURB, EXTERIOR OF BUILDING OR PROPERTY LINE UNLESS OTHERWISE NOTED.
8. CONTRACTOR TO VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL PLANS.
9. PLACE 3/4 INCH EXPANSION JOINT BETWEEN ALL P.C.C. PAVEMENT/SIDEWALKS AND BUILDING. PLACE 1/2 INCH EXPANSION JOINT BETWEEN SIDEWALKS AND P.C.C. PAVEMENT.
10. REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.
11. ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
12. DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
13. THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRADES AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
14. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
15. THE CONTRACTOR MAY BE REQUIRED TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY, AS DIRECTED BY THE ENGINEER OR THE CITY.
16. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT, INCLUDING STAGING OF CONSTRUCTION DETAILS.
17. ALL SOLID STOP SHALL BE INSTALLED BY A CERTIFIED CONTRACTOR ACCORDING TO SOLID STOP PRODUCT SPECIFICATIONS.
18. ALL PERMITS AND ADDITIONAL FEES REQUIRED TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE CONTRACTOR BID.
19. THE INTENT OF THIS SITE IS FOR STORAGE OF BOATS, CAMPERS, TRAILERS AND SIMILAR ITEMS . SEMI TRUCK TRAILER STORAGE IS NOT ANTICIPATED.
20. CONSTRUCTION MATERIALS WILL NOT BE STORED ON THIS SITE.
21. ALL GARBAGE WILL BE INTERNALLY HANDLED.

CITY OF GRIMES STANDARD NOTES FOR SITE PLANS

GENERAL NOTES:

A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT VERSION OF THE URBAN STANDARDS SPECIFICATIONS FOR PUBLIC IMPROVEMENTS ON THE DATE OF APPROVAL AND THE CITY OF GRIMES SUPPLEMENTAL SPECIFICATIONS.
B. A PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THIS MEETING. CONTACT BRANDT WILLIAMSON WITH FOX ENGINEERING (515.223.0000).
C. ALL PERMITS (DNR, ARMY CORPS., ETC.) SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
D. THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE CITY OF GRIMES WITH RECORD DRAWINGS OF ALL IMPROVEMENTS AS PER CITY STANDARD PROCEDURES.
E. A KNOX BOX IS REQUIRED BY THE FIRE DEPARTMENT AND SHALL BE OBTAINED AT CITY HALL.
F. ALL SITE LIGHTING SHALL NOT SPILL ONTO ADJACENT PROPERTIES OR RIGHT-OF-WAYS.

SANITARY SEWER NOTES:

A. THE CONTRACTOR IS REQUIRED TO PLACE A TEMPORARY PLUG IN THE EXISTING DOWNSTREAM SANITARY SEWER MANHOLE PRIOR TO THE START OF CONSTRUCTION. THE PLUG SHALL BE REMOVED FOLLOWING APPROVAL OF CONSTRUCTION BY THE CITY OF GRIMES.
B. SANITARY GRAVITY PIPE MATERIAL SHALL BE PVC SDR 26 OR TRUSS (8" TO 15").
C. SANITARY GRAVITY SERVICE PIPE MATERIAL SHALL BE PVC SDR 23.5 (4" TO 6").
D. ALL SANITARY SEWER MANHOLES SHALL HAVE STEPS.
E. ALL SANITARY SEWER MANHOLE CASTINGS SHALL BE SEALED WITH GASKET SEALS.
F. ALL SANITARY SEWER MANHOLE CASTINGS LOCATED WITHIN PAVEMENT SHALL BE SAWED CUT.
G. SANITARY SEWER TESTING & TELEVISING (8" TO 15") SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH WATER PRIOR TO TELEVISING.

WATER MAIN NOTES:

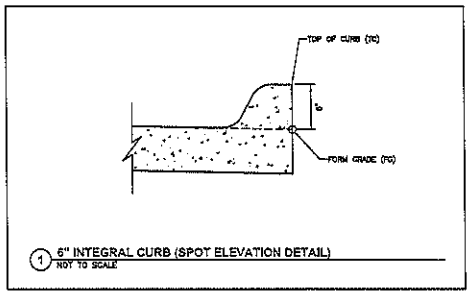
A. ALL FIRE HYDRANTS SHALL BE AMERICAN FLOW CONTROL—WATEROUS PACER WB-67-250, MUELLER SUPER CENTURION 250 (3-WAY A-423), OR CLOW MCDALLION F-2640. ALL HYDRANTS SHALL HAVE THE FOLLOWING: 5" MJ SHOE, 2-1/2" HOSE NOZZLE, 4-1/2" STEAMER NOZZLE, NST THREADS, PENTAGON OPERATING NUT, CHAIN ON CAP, OPEN LEFT, 5-1/2" BURY, AND FACTORY PAINTED RED. THE MINIMUM SPOOL PIPE LENGTH FROM AUXILIARY VALVE TO HYDRANT SHOE SHALL BE 2.0'.
B. ALL HYDRANTS WILL MANDATORY BE COVERED WITH A BLACK PLASTIC BAG (OR EQUIVALENT) ONCE THE HYDRANT IS INSTALLED. THE CITY OF GRIMES WILL NOTIFY THE CONTRACTOR WHEN THE BAGS CAN BE REMOVED.
C. A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT.
D. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
E. WATER SERVICE SHALL BE MINIMUM TYPE K COPPER.
F. PROPOSED WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED BY THE DEVELOPER. THE FILLING OF THE WATER MAIN SHALL BE DONE BY THE CITY OF GRIMES. THE BACTERIA TEST AND SUBMITTAL OF TEST TO LAB SHALL BE DONE BY THE DEVELOPER AND PROVIDED FAX TO DES MOINES WATER AT 515-portions. IF THE TEST DOES NOT PASS, THE CONTRACTOR WILL BE REQUIRED TO PAY FOR ALL THE WATER USED TO REPEAT THE TEST.

STORM SEWER NOTES:

A. ALL STORM SEWER IN THE ROW SHALL BE RCP, UNLESS OTHERWISE APPROVED BY THE CITY.
B. ALL FLARED END SECTIONS SHALL HAVE FOOTINGS AND APRON GRADES. THE LAST 3 PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC.
C. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY FIELD TILE DAMAGED DURING CONSTRUCTION. THE TILE SHOULD BE DIRECTED TO PUBLIC STORM SEWER IF POSSIBLE. THE CONTRACTOR SHALL RECORD THE ELEVATION AND LOCATION OF ALL TILES.
D. ALL SUMP SERVICE LINES SHALL HAVE TRACER WIRE.

PAVEMENT THICKNESS

1. SIDEWALKS	4" P.C.C.
2. PARKING AREAS	6" P.C.C.
3. DRIVEWAYS	6" P.C.C.
4. PAVEMENT WITHIN R.O.W.	7" P.C.C.



1 6" INTEGRAL CURB (SPOT ELEVATION DETAIL)
NOT TO SCALE

REVISIONS	DATE
SITE PLAN RESUBMITTAL #2	6-29-15
SITE PLAN SUBMITTAL #1	6-29-15

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

DES: TMA | DR: | PM: DM | CK:

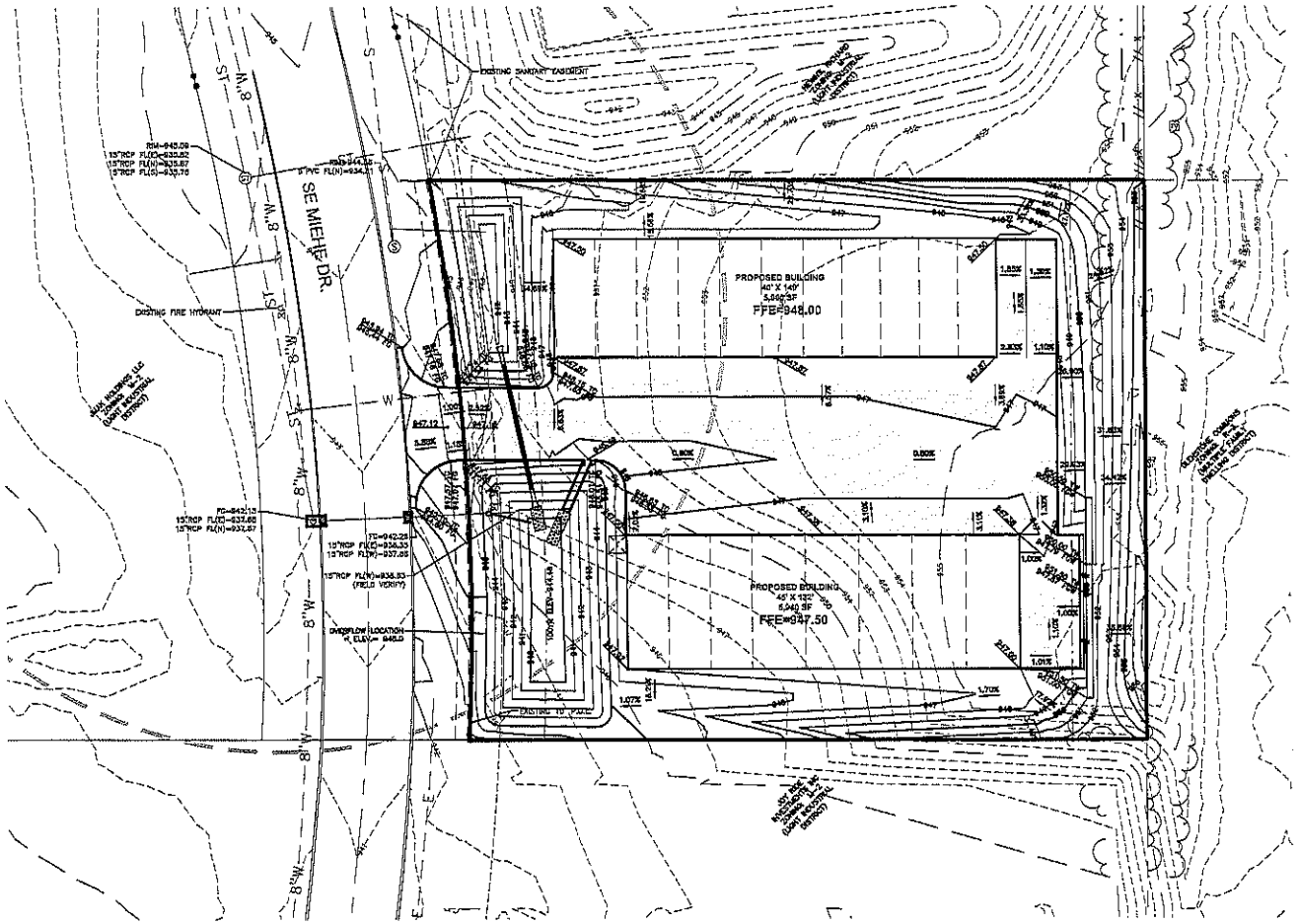
EA CIVIL DESIGN ADVANTAGE

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
DIMENSION PLAN

GRIMES, IOWA

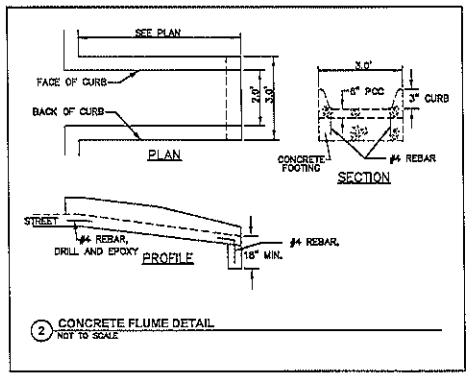
2/8

1504230



GRADING NOTES

1. PRIOR TO ANY GRADING, A COPY OF THE NPDES PERMIT SHALL BE PROVIDED TO THE CITY'S BUILDING DIVISION.
2. CONTRACTOR SHALL STRIP ALL DELETERIOUS MATERIAL. THE TOP 8" OF TOPSOIL IS TO BE STOCKPILED AND RESPREAD AFTER GRADING IS COMPLETE. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING A SUITABLE TOPSOIL STOCKPILE SITE.
3. EXCAVATION SHALL BE IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE.
4. MATCH EXISTING GRADES AT PROPERTY LINES AND/OR CONSTRUCTION LIMITS.
5. ALL SPOT ELEVATIONS ARE FORM GRADE (FG) OR TOP OF FINISHED SURFACES UNLESS OTHERWISE NOTED.
6. SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS.
7. SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
8. THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS. ANY DAMAGE TO PROPERTIES OUTSIDE THE SITE BOUNDARY SHALL BE AT THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
9. THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE CONTROL TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
10. REFER TO SEPARATE STORM WATER POLLUTION PREVENTION PLAN FOR DETAILS ON EROSION CONTROL.
11. FINAL FINISH GRADING TO BE APPROVED BY THE ARCHITECT AND CIVIL ENGINEER. MATCH EXISTING GRADES AT THE INTERFACE OF NEW AND EXISTING GRADES OR PAVING.
12. SIDEWALKS:
    MAINTAIN 1% MINIMUM AND 5% MAXIMUM LONGITUDINAL SLOPES ON ALL PAVED WALKWAYS. ALL WALKS TO HAVE 2.0% MAXIMUM TRANSVERSE SLOPE IN THE DIRECTION OF NATURAL DRAINAGE. SAW CUT JOINTS AS SOON AS CONCRETE HAS SET. SAW CUTS TO BE 1/8" TO 1/4" WIDE; DEPTH: LONGITUDINAL 1/3, TRANSVERSE 1/4.
13. THE GRADING OF THE DETENTION FACILITY AND INSTALLATION OF THE STORM SEWER SYSTEM SHALL BE COMPLETED AND FUNCTIONAL PRIOR TO ANY INCREASE IN IMPERVIOUS SURFACES WITHIN THE SITE OR THE PREVIOUSLY MENTIONED ITEMS SHALL BE GRADED/ INSTALLED AS SOON AS PRACTICAL.



2 CONCRETE FLUME DETAIL
NOT TO SCALE

REVISIONS	DATE
SITE PLAN SUBMITTAL #2	6-23-15
SITE PLAN SUBMITTAL #1	5-29-15

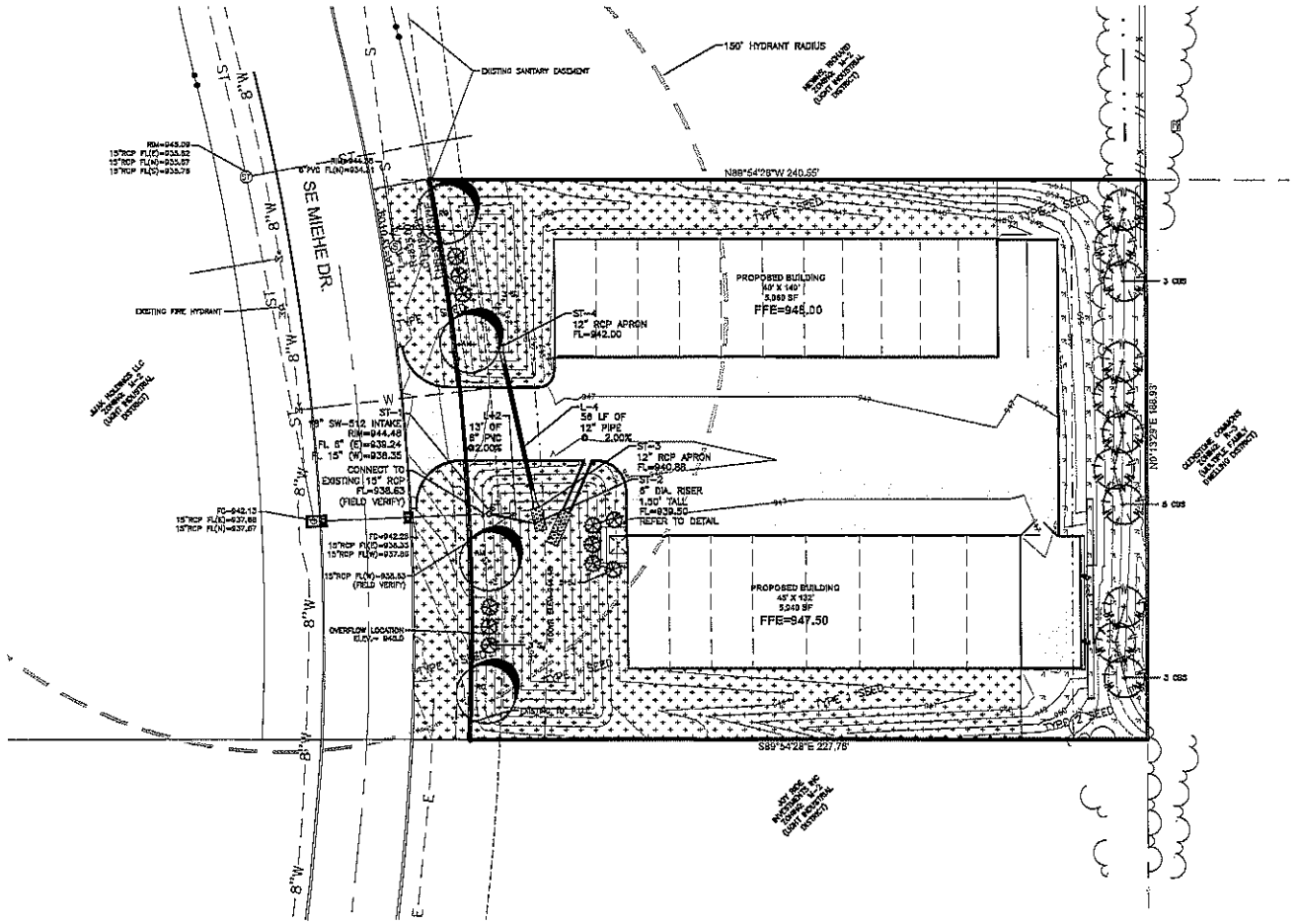
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
EA: TMA | PM: DM
CIVIL DESIGN ADVANTAGE

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
GRADING PLAN

GRIMES, IOWA

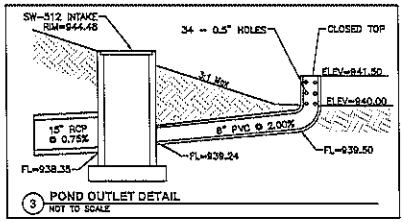
3/8

1504230

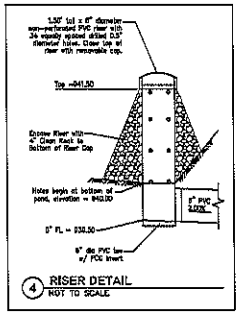


UTILITY NOTES

1. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR UTILITY SERVICE SIZES AND EXACT LOCATIONS. REFER TO ELECTRICAL PLANS FOR ELECTRIC AND TELEPHONE SERVICE CONSTRUCTION DETAILS. REFER TO MECHANICAL PLANS FOR GAS SERVICE CONSTRUCTION DETAILS.
2. FIELD VERIFY ELEVATIONS AND LOCATIONS OF ALL CONNECTIONS TO EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
3. PROVIDE TEMPORARY SUPPORT FOR EXISTING UTILITY LINES THAT ARE ENCOUNTERED DURING CONSTRUCTION UNTIL BACKFILLING IS COMPLETE.
4. BACKFILL ALL UTILITY TRENCHES ACCORDING TO THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS. MAINTAIN A MINIMUM OF 5.5' COVER OVER ALL WATERMAINS.
5. ALL UTILITIES SHALL BE STUBBED TO 5 FEET FROM BUILDINGS. REFER TO MEP PLANS FOR DESIGN FROM 5' OUTSIDE OF BUILDING FACE.
6. ADJUST ALL MANHOLES, INTAKES AND UTILITY FIXTURES TO FINISHED GRADE.
7. ALL SANITARY SEWER AND WATER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY'S PLUMBING CODE.
8. 18" MINIMUM VERTICAL CLEARANCE BETWEEN STORM SEWER AND SANITARY SEWER PIPES. 18" MINIMUM VERTICAL CLEARANCE BETWEEN SANITARY SEWER AND WATER MAIN.
9. MAINTAIN A MINIMUM OF 10' HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER MAINS.
10. WHERE PUBLIC UTILITY FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE OWNERS OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL AFFORD ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK. THE CONTRACTOR IS REQUIRED TO UTILIZE THE UTILITY ONE-CALL SERVICE AT 800-292-8989 AT LEAST 48 HOURS PRIOR TO EXCAVATING ANYWHERE ON THE PROJECT.
11. ALL WATERMAIN WORK, PUBLIC OR PRIVATE SHALL BE DONE IN ACCORDANCE WITH THE CITY'S STANDARD CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
12. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED IN THE PROJECT.
13. PRIVATE UTILITIES TO BE INSTALLED PER THE CITY'S STANDARD CONSTRUCTION SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, THE 2009 UNIFORM PLUMBING CODE AND THE 2006 INTERNATIONAL PLUMBING CODE FOR FIXTURE COUNT. CONTACT BUILDING INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE FOR UTILITY INSTALLATION INSPECTIONS.
14. OWNER IS RESPONSIBLE FOR MAINTENANCE OF PRIVATE DETENTION FACILITIES AND PRIVATE UTILITIES.
15. CONTRACTOR SHALL PREVENT ENTRY OF MUD, DIRT, DEBRIS AND OTHER MATERIAL INTO NEW AND EXISTING SEWER SYSTEMS. SHOULD ANY CONTAMINATION OCCUR DURING CONSTRUCTION, THE CONTRACTOR SHALL CLEAN AT NO COST TO THE OWNER. INSTALL SILT FENCE AT ALL PERMANENT STORM SEWER INLETS.
16. ONE KNOX BOX IS REQUIRED AND MAY BE PURCHASED FROM CITY HALL. SEE PLAN FOR LOCATION.
17. LIGHTING WALL PACKS SHALL BE SHARP CUT-OFF FIXTURES.
18. INSTALL APRON GUARD AND FOOTINGS ON ALL APRONS.
19. REMOVE SILT FENCE UPON COMPLETION OF PROJECT ONCE SEEDING IS ESTABLISHED. REFER TO STORM WATER POLLUTION PREVENTION PLAN FOR DETAILS.



3 POND OUTLET DETAIL
NOT TO SCALE



4 RISER DETAIL
NOT TO SCALE

LANDSCAPE NOTES

1. LOCATE ALL UTILITIES BEFORE ANY PLANTING BEGINS.
2. THE MOST RECENT EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTALS, IF APPLICABLE, SHALL APPLY TO ALL WORK ON THIS PROJECT UNLESS OTHERWISE NOTED.
3. TYPE, SIZE, AND QUALITY OF PLANT MATERIAL SHALL CONFORM TO THE MOST CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1
4. ALL PLANT MATERIAL SHALL BE HEALTHY SPECIMENS WITHOUT DEFORMITIES. VOIDS AND OPEN SPACES, WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS; TRUE TO HEIGHT, SHAPE AND CHARACTER OF GROWTH OF THE SPECIES OR VARIETY.
5. SEED OR SOD ALL DISTURBED AREAS AS DIRECTED BY OWNER, UNLESS SHOWN OTHERWISE ON PLAN.
6. BACKFILL TO TOP OF CURB. (MINUS 1 1/2" FOR SOD, IF REQ.)
7. WEED PREVENTER (PRE-EMERGENT) SHALL BE SPREAD OVER SOIL AFTER PLANTING AND BEFORE MULCHING IN ALL PLANTING BEDS PER MANUFACTURER'S RECOMMENDATIONS.
8. SHREDDED HARDWOOD MULCH SHALL BE PLACED AROUND ALL TREES, SHRUBS AND IN ALL PLANTING BEDS TO A (MIN) DEPTH OF 3".
9. ALL EDGING SHALL BE SPADE CUT EDGE.
10. PLANT QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE DRAWING SHALL PREVAIL IF ANY CONFLICTS ARISE.
11. ALL DEBRIS SPILLED IN THE PUBLIC R.O.W. SHALL BE PICKED UP BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
12. CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF INSTALLATION.
13. CONTRACTOR SHALL PROVIDE IRRIGATION DESIGN TO OWNER, IF REQUESTED, FOR APPROVAL.

SEED MIX

TYPE 1 SEED: "PERMANENT LAWN MIXTURE" (TYPE 1 SUDAS MIXTURE). SEEDING DATES: MARCH 1-MAY 31, AUGUST 10-SEPTEMBER 30

TYPE 2 SEED: "GRAND MEADOW/ MESO SITE MIX" (AS SUPPLIED BY ION EXCHANGE, INC.) OR APPROVED SUBSTITUTE. SEEDING DATES: APRIL 1-JUNE 30.
*INSTALL PER MANUFACTURER'S RECOMMENDATION

PLANT SCHEDULE

CODE	QTY	DECIDUOUS TREES		SIZE	COND
AN	2	AUTUMN BLAZE MAPLE	ACER RUBRUM 'AUTUMN BLAZE'	6'-10' HT.	B&B
RO	2	RED OAK	QUERCUS RUBRA	6'-10' HT.	B&B

CODE	QTY	CONIFEROUS TREES		SIZE	COND
CBS	11	COLORADO BLUE SPRUCE	PICEA PUNGENS 'GLAUCA'	6' HT.	B&B

CODE	QTY	SHRUBS		SIZE	COND
SJ	11	SEA GREEN JUNIPER	JUNIPERUS CHINENSIS 'SEA GREEN'	24" HT.	CONT.

LANDSCAPE CALCULATIONS

OPEN SPACE REQUIREMENTS:

SITE AREA	=43,550
REQUIRED: 10%	=4,356 SF
PROVIDED: 43%	=18,856 SF

REVISIONS	DATE
SITE PLAN SUBMITTAL #2	6-25-15
SITE PLAN SUBMITTAL #1	6-25-15

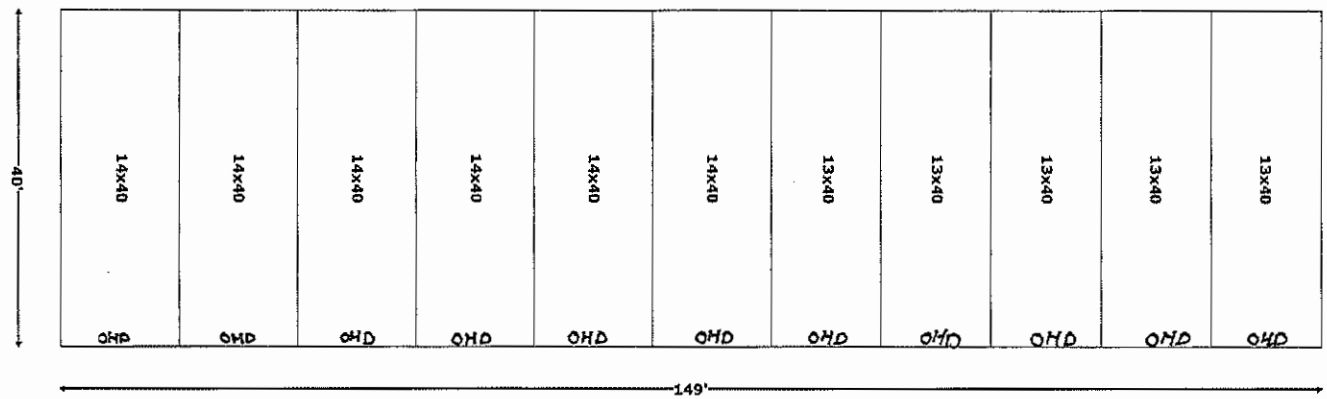
3405 S.E. CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PHONE: (515) 369-4400 FAX: (515) 369-4410
PM: DM
ER: TMA
CIVIL DESIGN ADVANTAGE
GRIMES, IOWA

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
UTILITY / LANDSCAPE PLAN

4 / 8

1504230

ALL ELEVATIONS ARE BASED ON NAVD88 DATUM



	BLD. G	
SIZE	UNITS	SQ.FT.
13x40	5	2600
14x40	6	3360
TOTALS	11	5960

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLD.G 40x149x15
Date	06/10/15
Drawing#	2896
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-620-9300
Fax 1-641-620-8277
www.pellabuildings.com
E-mail: info@pellabuildings.com

Pella

REVISIONS | DATE
SITE PLAN SUBMITTAL #2 | 6-26-15
SITE PLAN SUBMITTAL #1 | 5-28-15

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

EI: TMA | PM: DM

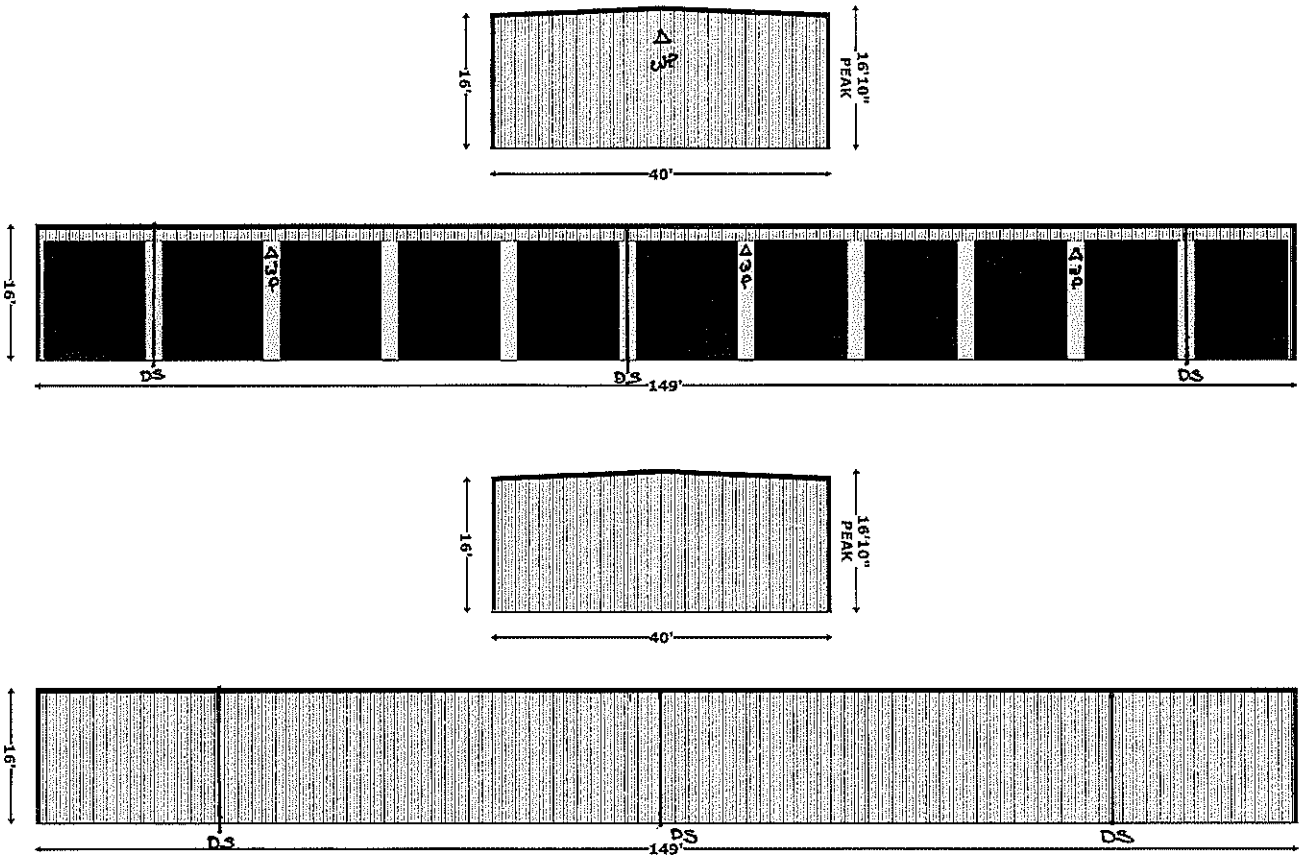
CIVIL DESIGN ADVANTAGE

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
BUILDING PLANS

GRIMES, IOWA

5/8

1504230



	DOORS	
TYPE	SIZE	QTY.
ROLL UP	11'0" x 14'0"	5
ROLL UP	12'0" x 14'0"	6

BRIAN BALMER

GRIMES, IOWA

ELEVATIONS	BLD.G 40x149x16
Date	06/04/15
Drawing#	2891
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella , Iowa 50219
1-800-225-5461 or 1-641-628-9300
Fax 1-641-628-0277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

Pella

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
BUILDING PLANS
GRIMES, IOWA

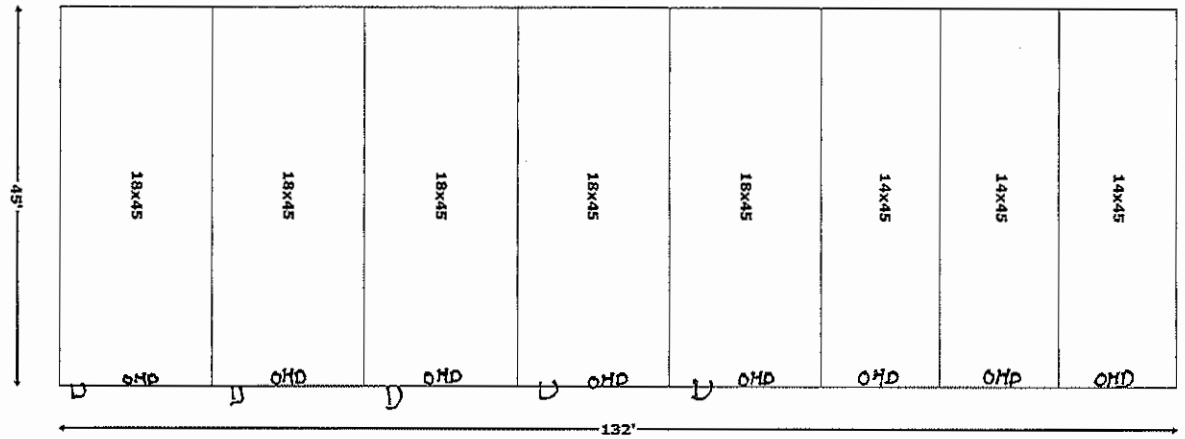
CIVIL DESIGN ADVANTAGE

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

REVISIONS	DATE
SITE PLAN SUBMITTAL #2	6-5-15
SITE PLAN SUBMITTAL #1	5-29-15

6 / 8

1504230



	BLD. H	
SIZE	UNITS	SQ.FT.
14x45	3	1890
18x45	5	4050
TOTALS	8	5940

BRIAN BALMER

GRIMES, IOWA

FLOOR PLAN	BLDH45X132X18
Date	06/10/15
Drawing#	2897
Designer	Wiebe Goodyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0481 or 1-641-628-9300
Fax 1-641-628-8777
www.pellabuildings.com
E-mail: info@ pellabuildings.com

Pella

REVISIONS	DATE
SITE PLAN SUBMITTAL #2	5-26-15
SITE PLAN SUBMITTAL #1	5-20-15

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

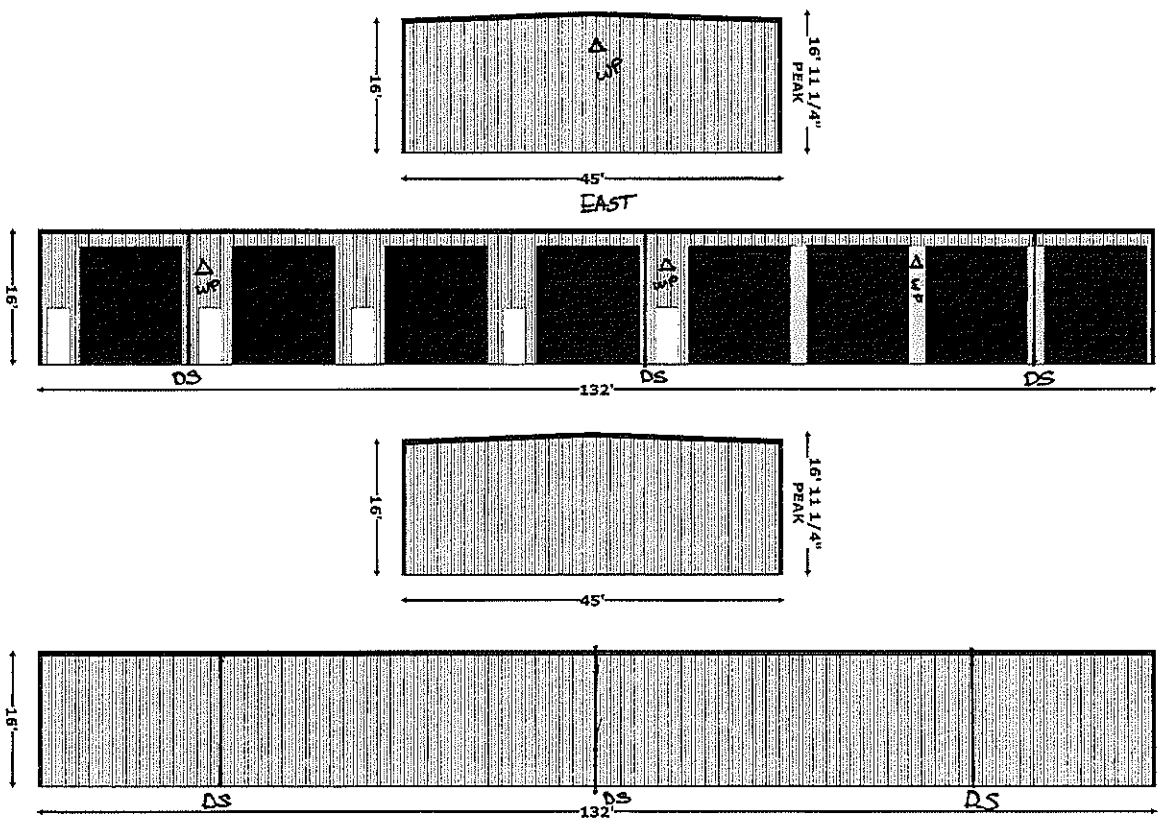
CIVIL DESIGN ADVANTAGE

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
BUILDING PLANS

GRIMES, IOWA

7/8

1504230



	DOORS	
TYPE	SIZE	QTY.
WALK	2'8" x 6'8"	5
ROLL UP	12'0" x 14'0"	8

BRIAN BALMER	
GRIMES, IOWA	

ELEVATIONS	BLD.H45x132x16
Date	06/04/15
Drawing#	2892
Designer	Wiebe Goedyk
Detailer	Karl Schmidt

Pella Building Systems, Inc.
2158 Idaho Drive
Pella, Iowa 50219
1-800-225-0461 or 1-641-628-9200
Fax 1-641-628-9277
www.pellabuildings.com
E-mail: info@ pellabuildings.com

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REVISIONS

	DATE
SITE PLAN SUBMITTAL #2	5-14-15
SITE PLAN SUBMITTAL #1	5-29-15

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

EA

CIVIL DESIGN ADVANTAGE

EE: TMA | PM: DM

CROSSROADS BUSINESS PARK PLAT 5
LOT 7
BUILDING PLANS

GRIMES, IOWA

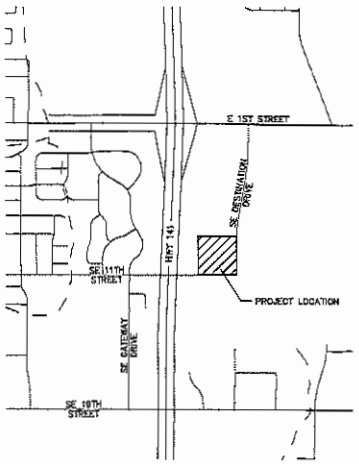
8/8

1504230

BOMGAARS
SITE PLAN
2151 SE 11TH STREET
SITUATED IN THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 79 NORTH, RANGE 25 WEST OF THE FIFTH PRINCIPAL MERIDIAN, CITY OF GRIMES, COUNTY OF POLK, STATE OF IOWA

LEGEND

EXISTING		PROPOSED
	SAWCUT EXISTING CONCRETE PAVEMENT	
	REMOVE EXISTING CONCRETE PAVEMENT	
	CONCRETE PAVEMENT	
	GRAVEL STAGING AREA/FUTURE ADDITION	
	NATIVE SEED AREA	
	SIDEWALK	
955	MAJOR CONTOUR LINE	955
950	MINOR CONTOUR LINE	950
	PROPERTY BOUNDARY	
	PROPERTY LINE	
OHP	OVERHEAD POWER	
	UNDERGROUND POWER	UGP
SS	SANITARY SEWER LINE	SS
	SANITARY SEWER MANHOLE	
	SANITARY SEWER CLEANOUT	
	STORM SEWER MANHOLE	
SD	STORM SEWER	SD
	FLARED END SECTION	
	STORM SEWER INLET	
	STORM SEWER CLEANOUT	
W	WATER LINE	W
F	FIRE LINE	F
	ADA ROUTE	
	WATER VALVE	
	FIRE HYDRANT	
	HANDICAP PARKING STALL MARKING	
	SIGN	
	GUY WIRE	
	POWER POLE	
	TELEPHONE BOX/VAULT	
	BOLLARD	
	PROPOSED LITE POLE	
	TRANSFORMER	
	RIP-RAP	



N VICINITY
SCALE: NTS

SHEET INDEX	
C1.0	COVER SHEET
C1.1	GENERAL NOTES
C2.0	EXISTING CONDITIONS & DEMOLITION PLAN
C3.0	SITE & HORIZONTAL CONTROL PLAN
C4.0	GRADING & EROSION CONTROL PLAN
C5.0	UTILITY PLAN
C6.0	SPOT ELEVATION PLAN
C7.0	DETAILS
C7.1	DETAILS
C7.2	DETAILS
L1.0	LANDSCAPE PLAN
L2.0	DETAILS
A1.1	EXTERIOR VIEWS
A1.2	EXTERIOR VIEWS
ES.2	ELECTRICAL SITE LIGHTING CALCULATION PLAN

SITE DATA	
PROPOSED USE	TRACTOR SUPPLY STROBE
PROPOSED LOT SIZE	±304,920 S.F. ±7.00 ACRES
PROPOSED FLOOR AREA	57,256 SF
BUILDING HEIGHT	23'
PERVIOUS SURFACE	67,694 SF (22.2%)
IMPERVIOUS SURFACE	237,226 SF (77.8%)
REQUIRED OPEN SPACE	45,738 SF (15.0%)

ZONING INFORMATION	
C-2, GENERAL, AND HIGHWAY SERVICE COMMERCIAL & ZONE 2 OF HWY 141 MIXED USED OVERLAY CORRIDOR	
COMPREHENSIVE PLAN	GENERAL COMMERCIAL
FRONT YARD SETBACK	25 FEET
REAR YARD SETBACK	25 FEET
SIDE YARD SETBACK	ADJOINING "R" DISTRICT OR STREET R.O.W. + 25 FEET
MAXIMUM HEIGHT	90 FEET
MINIMUM LOT AREA	60,000 SF
MINIMUM LOT WIDTH	200 FEET

CONTACT LIST

OWNER:
BOMGAARS
1805 ZENITH DRIVE
SIOUX CITY, IA 51103
PHONE: (712) 226-5000
CONTACT: DAVE MEYER

OWNER'S REPRESENTATIVE:
WEBB & COMPANY ARCHITECTS, INC.
387 NORTH WALNUT STREET
GRAND ISLAND, NE 68801
PHONE: (308) 381-8013
CONTACT: MARVIN WEBB, AIA

SURVEYOR:
OLSSON ASSOCIATES
7157 VISTA DRIVE
WEST DES MOINES, IA 50266
(515) 331-6517
CONTACT: JON PITTMANN, RLS

LANDSCAPE ARCHITECT
OLSSON ASSOCIATES
7157 VISTA DRIVE
WEST DES MOINES, IA 50266
(515) 331-6517
CONTACT: JOSEPH STOBERL, ASLA

CIVIL ENGINEER:
OLSSON ASSOCIATES
7157 VISTA DRIVE
WEST DES MOINES, IA 50266
(515) 331-6517
CONTACT: JEREMY SHEPHERD, PE

STRUCTURAL ENGINEER:
OLSSON ASSOCIATES
201 E. 2ND STREET
GRAND ISLAND, NE 68801
PHONE: (308) 384-8750
CONTACT: MICHAEL D. SPLINEK, PE

ARCHITECT:
NIELSEN, MAYNE ARCHITECTURE, INC.
1010 SOUTH 120TH STREET, SUITE 205
OMAHA, NE 68154
PHONE: (402) 330-2206
CONTACT: MICHAEL G. MAYNE, AIA

FLOOD ZONE

ZONE X: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN
MAP NUMBER: 19099C0090C
EFFECTIVE DATE: 11/18/1992

LEGAL DESCRIPTION

LOT 1, DESTINATION RIDGE PLAT 3, POLK COUNTY, IOWA.

CONSTRUCTION TIME LINE

START CONSTRUCTION: SEPTEMBER, 2015
STORE OPEN: APRIL, 2016

NOTE TO CONTRACTOR

CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND NOTIFY OWNER AND ENGINEER OF ANY DISCREPANCIES PRIOR TO START OF CONSTRUCTION.

SITE CONTROL

CITY BENCHMARK H71-004 – BURY BOLT ON FIRE HYDRANT ON THE N SIDE OF SE 11TH ST. 300'± W OF SE 11TH ST. AND SE DESTINATION DRIVE INTERSECTION.
ELEVATION=957.15

CITY BENCHMARK H71-005 – BURY BOLT ON FIRE HYDRANT ON THE W SIDE OF DESTINATION DRIVE 282'± N OF SE 11TH ST. AND DESTINATION DRIVE INTERSECTION.
ELEVATION=958.30

CITY BENCHMARK G70-002 – BURY BOLT ON FIRE HYDRANT NEAR SE CORNER OF E 1ST ST AND SE GATEWAY DR.
NORTHING=7902.86
EASTING=3621.71
ELEVATION=940.54

OA CONTROL POINT 400: SET MAG NAIL IN INTERSECTION JOINT LINES EAST OF ISLAND NOSE IN SW CORNER OF LOT 1.
NORTHING=4999.71
EASTING=5803.41
ELEVATION=954.91

OA CONTROL POINT 401: SET MAG NAIL IN INTERSECTING JOINT LINES EAST OF ISLAND NOSE IN SE CORNER OF LOT 1.
NORTHING=5021.77
EASTING=6413.89
ELEVATION=955.71

OA CONTROL POINT 402: SET MAG NAIL IN EAST CURB LINE OF DESTINATION DRIVE NORTH OF "NO PARKING" SIGN. EAST OF FIRE HYDRANT.
NORTHING=5589.04
EASTING=6474.67
ELEVATION=960.99

PARKING TOTALS

REQUIRED:

$\frac{2.50 \times 57,256}{200} = 716$ STALLS

PROVIDED:

ADA PARKING	8 STALLS
STANDARD PARKING	172 STALLS
TOTAL	178 STALLS

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE SOUTHERLY LOT LINE OF PROPOSED LOT 1

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL). THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

JEREMY S. SHEPHERD 21186 IOWA

SIGNATURE:
NAME: JEREMY S. SHEPHERD DATE
LICENSE NUMBER 21186
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2015
PAGES OR SHEETS COVERED BY THIS SEAL:
C0.0 – C7.1

811 Know what's below. Call before you dig.

OLSSON ASSOCIATES
7157 Vista Drive
West Des Moines, IA 50266
TEL 515.331.6517
FAX 515.331.2510
OA Project: 015-0321
www.olssonassociates.com

COVER SHEET

WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

DATE
JUNE 26, 2015
PLANS
WCA PROJECT
2015-11
SHEET
C1.0

GENERAL NOTES

1. ALL WORK AND CONSTRUCTION OF THIS PROJECT ON PRIVATE PROPERTY SHALL CONFORM TO THE 2015 IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS) MANUAL, AND CITY OF GRIMES STANDARDS AND SUPPLEMENTAL SPECIFICATIONS AND THE SPECIFICATIONS/DETAILS SHOWN ON THESE PLANS.
2. ALL WORK AND CONSTRUCTION WITHIN PUBLIC RIGHT OF WAY AND EASEMENTS SHALL CONFORM TO THE TECHNICAL SPECIFICATIONS, STANDARD DETAILS, AND DESIGN CRITERIA FOR PUBLIC IMPROVEMENT PROJECTS OF THE CITY OF GRIMES, COUNTY OF POLK, IOWA DOT, AND THE GRANTOR OF THE EASEMENT AS APPLICABLE.
3. IN CASE OF A CONFLICT BETWEEN VARYING SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.
4. THE CONTRACTOR SHALL OBTAIN A COPY OF THE LATEST STANDARD SPECIFICATIONS AND DETAILS OF ALL AGENCIES EXERCISING JURISDICTION OVER THIS PROJECT, WHICH ARE INCORPORATED BY REFERENCE ON THESE PLANS. A COPY OF THESE SPECIFICATIONS AND DETAILS SHALL BE MAINTAINED ON THE JOBSITE AT ALL TIMES.
5. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE PLANS, STANDARDS, AND SPECIFICATIONS AS APPROVED BY THE APPROPRIATE GOVERNING AGENCY AND OWNER. THE CONTRACTOR SHALL NOT CHANGE OR DEVIATE FROM THESE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER, ENGINEER, AND GOVERNING AGENCY.
6. ALL WORK SHALL CONFORM TO ALL LOCAL, STATE, AND FEDERAL APPLICABLE LAWS AND REGULATIONS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL JOB SITE SAFETY ON THE PROJECT. THIS SHALL INCLUDE THE SAFETY OF HIS OWN PERSONNEL, SUBCONTRACTORS, ALL VISITORS TO THE SITE, AND THE GENERAL PUBLIC. ALL JOB SITE SAFETY SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS AND CODES, AND ENSURE COMPLIANCE INCLUDING, BUT NOT LIMITED TO, THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
8. THE CONTRACTOR SHALL CONTACT IOWA ONE CALL AT #811 OR 800-292-8989 A MINIMUM OF 72 HOURS (EXCLUDING WEEKENDS AND HOLIDAYS) IN ADVANCE OF ANY EXCAVATION.
9. THE LOCATIONS OF EXISTING UTILITIES AND STRUCTURES SHOWN ON THE PLANS ARE APPROXIMATE AND HAVE BEEN SHOWN FROM AVAILABLE SURVEYS AND/OR RECORDS. THERE MAY BE ADDITIONAL UTILITIES PRESENT, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE, EXACT LOCATION/SIZE, ADEQUATELY PROTECT/SUPPORT, AND TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL INCLUDE, AT NO ADDITIONAL COST, ANY POTHOLING OR EXPLORATORY EXCAVATIONS NECESSARY TO LOCATE EXISTING UTILITIES. UTILITIES SHALL BE LOCATED SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY DUE TO ACTUAL LOCATION OF EXISTING FACILITIES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE GOVERNING AGENCY AND/OR THE UTILITY OWNER.
10. ALL MATERIALS SHALL BE NEW UNLESS OTHERWISE INDICATED IN THE PLANS, AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE OWNER OR THE OWNER'S REPRESENTATIVE.
11. LOCATIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS TO BE MET (OR AVOIDED) BY THE PROPOSED WORK SHALL BE CONFIRMED BY THE CONTRACTOR THROUGH FIELD EXPLORATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO THE ENGINEER ANY DISCREPANCIES BETWEEN HIS MEASUREMENTS AND THESE PLANS.
12. THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES SHOWN IN THE PLANS AND/OR SPECIFICATIONS. DO NOT SCALE DRAWINGS – USE ONLY DIMENSIONS PROVIDED ON THESE PLANS.
13. ALL ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES, AND SHALL PROVIDE ALL WORK AND MATERIALS NECESSARY TO CONSTRUCT THE PROJECT IN ITS ENTIRETY.
14. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS NOT DESIGNATED FOR REMOVAL AND THOSE IMPROVEMENTS THAT ARE OUTSIDE THE LIMITS OF THE PROPOSED CONSTRUCTION. CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE THERETO AND SHALL PROVIDE TEMPORARY FENCING, BARRICADES, SUPPORTS, RESTRAINTS, AND /OR BRACING WHERE REQUIRED TO PROTECT EXISTING IMPROVEMENTS. DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPAIRED AND/OR REPLACED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
15. ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE OWNER'S PROPERTY, PUBLIC RIGHT-OF-WAY, PERMANENT EASEMENTS, AND TEMPORARY CONSTRUCTION EASEMENTS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NOT OBTAINED BY THE OWNER OR OWNER'S REPRESENTATIVES, AND PAY ALL FEES AS REQUIRED BY THE CONSTRUCTION COVERED IN THESE PLANS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE GOVERNING AGENCIES AND LOCAL FIRE DEPARTMENT OF ALL STREET CLOSURES AND EXISTING FIRE HYDRANTS/FIRE SUPPRESSION TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
18. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE SECURITY AND SHALL PROPERLY PROTECT AND BARRICADE THE CONSTRUCTION SITE UNTIL CONSTRUCTION IS COMPLETE. STORAGE, LOSS DUE TO THEFT, OR VANDALISM OF MATERIALS AND EQUIPMENT (SECURED OR UNSECURED) WILL BE SOLELY AT THE CONTRACTOR'S EXPENSE.
19. PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL OBTAIN ANY WRITTEN AGREEMENTS FOR INGRESS AND EGRESS TO THE WORK FROM ADJACENT PRIVATE PROPERTY OWNERS. ACCESS TO ANY ADJACENT PRIVATE PROPERTY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD, DURING ALL HOURS OF OPERATION FOR THE BUSINESS LOCATED ON THOSE PARCELS.
20. FOR ANY CHANGES OR DEVIATIONS FROM THESE PLANS PROPOSED BY THE CONTRACTOR, SHOP DRAWINGS AND MATERIAL SPECIFICATIONS SHALL BE SUBMITTED TO OWNER/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT OF MATERIAL.
21. CONTRACTOR SHALL PROTECT AND PRESERVE ALL SURVEY CONTROL AND PROPERTY MONUMENTATION. ANY DAMAGED MONUMENTS SHALL RESET BY A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF IOWA AT THE CONTRACTOR'S EXPENSE.
22. PRIOR TO MOVING OFF THE JOB SITE THE CONTRACTOR SHALL NOTIFY THE OWNER OR THE OWNER'S REPRESENTATIVE TO PERFORM THE FINAL WALK-THROUGH OF THE CONSTRUCTION SITE.
23. TEMPORARY POWER, TELEPHONE, AND WATER FOR THE SITE IS THE CONTRACTOR'S RESPONSIBILITY UNLESS OTHERWISE SPECIFIED.
24. CONTRACTOR SHALL REFER TO OTHER DRAWINGS ISSUED BY ARCHITECT, STRUCTURAL, ELECTRICAL, AND MECHANICAL ENGINEERS. ENSURE COORDINATION OF EXACT LOCATION AND DIMENSIONS OF BUILDINGS, EXITS, RAMPS, UTILITY ENTRANCE LOCATIONS AND GRADES AROUND THE BUILDING. IMMEDIATELY NOTIFY ENGINEER AND ARCHITECT OF ANY DISCREPANCIES.
25. NO BELOW GRADE WORK SHALL BE BACKFILLED (INCLUDING BEDDING MATERIAL ABOVE THE SPRING LINE OF THE PIPE) UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE APPROPRIATE GOVERNING AGENCY, OWNER AND/OR OWNER'S REPRESENTATIVE.
26. THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL NECESSARY TO COMPLETE THE WORK. ALL TRAFFIC CONTROL DEVICES AND METHODS OF CONTROLLING TRAFFIC THROUGH CONSTRUCTION ZONES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD, AND ALL REVISIONS THERETO INCLUDING LOCAL AND STATE SUPPLEMENTS. ADDITIONAL WORK IN THE RIGHT-OF-WAY OR TRAFFIC CONTROL PERMITS MAY BE NECESSARY AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
27. IF UNANTICIPATED HAZARDOUS MATERIALS OF ANY KIND ARE ENCOUNTERED IN THE WORK, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL CONSTRUCTION OPERATIONS AND NOTIFY THE OWNER AND/OR OWNER'S REPRESENTATIVE FOR FURTHER DIRECTION.
28. ALL DEBRIS RESULTING FROM CONSTRUCTION AND DEMOLITION SHALL BE HAULED OFF SITE AND DISPOSED OF PROPERLY AND LEGALLY.
29. UNLESS DETAILED OR NOTED OTHERWISE, PROVIDE 1" PRE-MOLDED EXPANSION JOINT MATERIAL WHERE CONCRETE IS POURED AGAINST BUILDING. PROVIDE 1" EXPANSION MATERIAL WHERE CONCRETE IS POURED AGAINST EXISTING CONCRETE. SET PRE-MOLDED MATERIAL TIGHT AGAINST BUILDING AND/OR CONCRETE TO ELIMINATE VOIDS.
30. A PORTABLE RESTROOM FACILITY WILL BE REQUIRED ON-SITE DURING CONSTRUCTION ACTIVITIES.
31. ALL SPOIL MATERIAL FROM UTILITY TRENCHING SHALL BE REMOVED FROM THE SITE, NO SEPARATE PAYMENT SHALL BE MADE FOR DISPOSAL OF SPOIL MATERIAL, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE PRICE BID FOR THE UTILITY CONSTRUCTION.
32. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS OF THE PROJECT AREA.
33. A PRECONSTRUCTION MEETING IS REQUIRED PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THIS MEETING. CONTACT BRANDT WILLIAMSON WITH FOX ENGINEERING (515)233.0000.
34. ALL PERMITS (IDNR, IDOT, ARMY CORP., ETC.) SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
35. THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE CITY OF GRIMES WITH RECORD DRAWINGS OF ALL IMPROVEMENTS AS PER CITY STANDARD PROCEDURES.
36. A KNOX BOX IS REQUIRED BY THE FIRE DEPARTMENT AND SHALL BE OBTAINED AT CITY HALL.
37. ALL SITE LIGHTING SHALL NOT SPILL ONTO ADJACENT PROPERTIES OR RIGHT-OF-WAYS.

UTILITY NOTES

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AT PROPOSED POINTS OF CONNECTION AND CONFIRM EXACT LOCATIONS/SIZES/MATERIALS OF ALL UTILITY SERVICE LINE HOOKUPS TO THE BUILDING (PER MEP PLANS) PRIOR TO UTILITIES CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING ONSITE MEETINGS WITH THE CITY, GOVERNING AGENCIES, AND UTILITY OWNERS PRIOR TO THE START OF ANY CONSTRUCTION OR INSTALLATION OF UTILITIES.
3. THE CONTRACTOR SHALL CONSTRUCT ALL WATER AND SANITARY SEWER SERVICE LINES, AND CONNECTIONS IN ACCORDANCE WITH THE APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OR LOCAL UTILITY PROVIDER. FOR ADDITIONAL DETAILS OF SANITARY SEWER CONSTRUCTION, SEE SUDAS SPECIFICATIONS SECTION 4010.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY SERVICE CONNECTIONS WITH THE APPROPRIATE UTILITY COMPANY/OWNER, AND TO OBTAIN ALL PERMITS AND PAY ALL FEES AS REQUIRED FOR SERVICE CONNECTIONS TO UTILITY MAINS.
5. ALL SANITARY AND WATER SERVICE CONSTRUCTION TO BE DONE UNDER A PLUMBER'S PERMIT, AND SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND CITY OF GRIMES STANDARD SPECIFICATIONS AND SUDAS.
6. CONTRACTOR TO FIELD VERIFY SANITARY SERVICE SIZE AND ELEVATION. IF CONTRACTOR IS UNABLE TO OBTAIN SLOPE MINIMUM FOR SANITARY, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. CONTRACTOR SHALL NOT EXCEED 10% SLOPE UNLESS PER PLAN OR APPROVED BY JURISDICTIONAL ENGINEER.
7. UTILITY TRENCHES AND STRUCTURE EXCAVATIONS ARE TO BE SLOPED OR BRACED AND SHEETED AS NECESSARY FOR THE SAFETY OF THE WORKMEN AND THE PROTECTION OF OTHER UTILITIES IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
8. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE TRENCHING FOR ALL UTILITY SERVICE LINES.
9. CONTRACTOR TO SET AND ADJUST ALL PROPOSED UTILITY STRUCTURES, CLEANOUTS, VALVES, METER PITS, ETC. TO FINISH GRADE. EXISTING ITEMS AFFECTED BY THE WORK SHALL BE ADJUSTED AS REQUIRED TO MATCH FINISH GRADE.
10. PRIOR TO INSTALLATION OF WATER SERVICE, CONTRACTOR TO COORDINATE WITH THE CITY OF GRIMES.
11. PRIOR TO FINAL ACCEPTANCE ALL WATER MAIN PIPE SHALL BE DISINFECTED BY THE CONTRACTOR IN ACCORDANCE WITH CITY OF GRIMES AND SUDAS SPECIFICATIONS.
12. THE MINIMUM DEPTH FOR ALL WATER PIPE SHALL BE FIVE (5) FEET AS MEASURED FROM TOP OF PIPE TO FINISH GRADE.
13. THE CONTRACTOR SHALL COORDINATE WATER MAIN WORK WITH THE FIRE DEPARTMENT TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE SITE AND ADJACENT PROPERTIES. CONTRACTOR WILL BE RESPONSIBLE FOR ARRANGING/PROVIDING ANY REQUIRED WATER MAIN SHUT OFFS WITH THE CITY DURING CONSTRUCTION. ANY COSTS ASSOCIATED WITH WATER MAIN SHUT OFFS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. THE CONTRACTOR SHALL VERIFY ALL VERTICAL AND HORIZONTAL CROSSINGS OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO INSTALLATION OF UTILITIES. CONTACT THE ENGINEER WITH ANY CONFLICTS.
15. ALL PIPE BEDDING SHALL MEET CLASS F-3 OR SUDAS SW-103 FOR FLEXIBLE GRAVITY PIPE, AND CLASS R-2 OF SUDAS SW-102 FOR RIGID GRAVITY PIPE
16. SANITARY GRAVITY PIPE MATERIAL SHALL BE PVC SDR 26 OR TRUSS (8" TO 15").
17. SANITARY GRAVITY SERVICE PIPE MATERIAL SHALL BE PVC SDR 23.5 (4" TO 6").
18. REFER TO MEP PLANS FOR EXTERIOR LIGHT ELECTRIC ROUTING.
19. ALL ONSITE WATER, STORM, AND SANITARY SEWER IMPROVEMENTS ARE PRIVATE UNLESS LABELED OTHERWISE.
20. ALL PIPE LENGTHS ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
21. ALL SANITARY SEWER MANHOLES SHALL HAVE STEPS.
22. ALL SANITARY SEWER MANHOLES CASTINGS SHALL BE SEALED WITH INTERIOR CHIMNEY SEALS.
23. ALL SANITARY SEWER MANHOLE CASTINGS LOCATED WITHIN PAVEMENT SHALL BE BOXED OUT.
24. SANITARY SEWER TESTING & TELEVISING (8" TO 15") SHALL BE COMPLETED PRIOR TO PAVING. THE SEWER SYSTEM SHALL BE FLUSHED WITH WATER PRIOR TO TELEVISING.
25. THE CONTRACTOR IS REQUIRED TO PLACE A TEMPORARY PLUG IN THE EXISTING DOWNSTREAM SANITARY SEWER MANHOLE PRIOR TO THE START OF CONSTRUCTION. THE PLUG SHALL BE REMOVED FOLLOWING APPROVAL OF CONSTRUCTION BY THE CITY OF GRIMES.
26. ALL FIRE HYDRANTS SHALL BE AMERICAN FLOW CONTROL-WATEROUS PACER WB-67-250, MULLER SUPER CENTURION 250 (3-WAY A-423), OR CLOW MEDALLION F-2545. ALL HYDRANTS SHALL HAVE THE FOLLOWING: 6" MJ SHOE, 2-1/2" HOSE NOZZLE, 4-1/2" STEAMER NOZZLE, NST THREADS, PENTAGON OPERATING NUT, CHAIN ON CAP, OPEN LEFT, 5-1/2' BURY, AND FACTORY PAINTED RED. THE MINIMUM SPOOL PIPE LENGTH FROM AUXILIARY VALVE TO HYDRANT SHOW SHALL BE 2.0'.
27. ALL HYDRANTS WILL IMMEDIATELY BE COVERED WITH BLACK PLASTIC BAG (OR EQUIVALENT) ONCE HYDRANT IS INSTALLED. THE CITY OF GRIMES WILL NOTIFY THE CONTRACTOR WHEN THE BAGS CAN BE REMOVED.
28. A TRACER WIRE RECEPTACLE SHALL BE INSTALLED AT EACH HYDRANT.
29. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
30. WATER SERVICE SHALL BE 1-INCH MINIMUM TYPE K COPPER.
31. PROPOSED WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED BY THE DEVELOPER. THE FILLING OF THE WATER MAIN SHALL BE DONE BY THE CITY OF GRIMES. THE BACTERIA TEST AND SUBMITTAL OF TEST TO LAB SHALL BE DONE BY THE DEVELOPER AND RESULTS PROVIDED BY FAX TO US WATER AT 515-986-7300. IF THE TEST DOES NOT PASS, THE CONTRACTOR WILL BE REQUIRED TO PAY FOR ALL THE WATER USED TO REPEAT THE TEST.

GRADING NOTES

1. PRIOR TO ANY GRADING OPERATIONS, ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE ADEQUATELY IN PLACE. REFER TO THE EROSION AND SEDIMENT CONTROL PLAN FOR REQUIREMENTS.
2. THE CONTOUR LINES, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO FINISH GRADE FOR SURFACE OF PAVEMENT, TOP OF SIDEWALKS AND CURBS, TOP OF FLOOR SLABS, ETC. REFER TO TYPICAL SECTIONS FOR MULCH, SOD, PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT FOR SUBGRADE ELEVATIONS.
3. ALL TOP OF CURB AND SIDEWALK ELEVATIONS SHALL BE 0.5' ABOVE GUTTER ELEVATIONS UNLESS OTHERWISE NOTED. IN AREAS WITH SIDEWALK ABUTTING BACK OF CURB, TOP OF CURB ELEVATIONS SHALL BE EQUAL TO SIDEWALK ELEVATIONS.
4. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN ONE FOOT VERTICAL IN THREE FEET HORIZONTAL.
5. CONTRACTOR SHALL GRADE LANDSCAPED AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDINGS AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE. SLOPE SHALL BE A 2% MINIMUM.
6. UNLESS OTHERWISE IDENTIFIED IN THE CONTRACT DOCUMENTS, SITE AND BUILDING PAD PREPARATION, GRADING AND EXCAVATION PROCEDURES SHALL CONFORM TO THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT PREPARED BY OLSSON ASSOCIATES, MAY 7, 2015. PROJ. NO. 015-0361.
7. IN CASE OF ANY DISCREPANCIES REGARDING EARTHWORK BETWEEN THE GEOTECHNICAL REPORT AND THE SPECIFICATIONS SHOWN IN THESE PLANS, NOTIFY THE ENGINEER IMMEDIATELY.
8. ALL HERBACEOUS VEGETATION AND TOPSOIL SHALL BE STRIPPED TO A MINIMUM DEPTH OF 6 INCHES AND REMOVED FROM SITE OR STOCKPILED FOR LATER USE IN LANDSCAPED AREAS.
9. ALL EXISTING PAVEMENT, UTILITIES, BURIED DEBRIS, RUBBLE, AND/OR STRUCTURES/FOUNDATIONS ENCOUNTERED WITHIN AREAS OF DISTURBANCE SHALL BE COMPLETELY REMOVED PRIOR TO OR DURING EARTHWORK OPERATIONS. WASTED MATERIAL SHALL NOT BE BURIED ONSITE WITHOUT THE PRIOR APPROVAL OF THE OWNER.
10. THE UPPER 24" OF ALL UTILITY TRENCHES IN UNPAVED AREAS SHALL BE BACKFILLED WITH COMPACTED COHESIVE SOILS. SEE GEOTECHNICAL REPORT FOR COMPACTION AND MOISTURE RECOMMENDATIONS.
11. FINAL PAVEMENT SUBGRADES SHALL BE PROOFROLLED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT TO DETECT LOCALIZED AREAS OF INSTABILITY.
12. SUITABLE FILL MATERIALS SHALL BE PLACED IN THIN LIFTS OF 4 TO 8 INCHES LOOSE MEASUREMENT, UNLESS OTHERWISE ALLOWED IN THE GEOTECHNICAL REPORT.
13. IF REQUIRED, THE CONTRACTOR SHALL OBTAIN ALL LOCAL AND STATE PERMITS AND AUTHORIZATION TO DISCHARGE FROM DEWATERING ACTIVITIES.
14. THE CONTRACTOR SHALL DEWATER ALL EXCAVATIONS AND TRENCHES NEEDED FOR THE CONSTRUCTION OF THE PROJECT USING MEANS/METHODS OF HIS CHOICE. REFER TO THE GEOTECHNICAL REPORT FOR ANTICIPATED LEVELS OF GROUNDWATER AND DEWATERING.
15. ALL EXCAVATIONS AND TRENCHES SHALL BE SLOPED/SHORED/BRACED FOR PROTECTION OF PERSONNEL IN ACCORDANCE WITH OSHA REGULATIONS AND AT THE CONTRACTORS FULL DISCRETION BASED ON THE SITE CONDITIONS. OPEN EXCAVATIONS SHALL BE ADEQUATELY PROTECTED AND/OR FENCED AS NECESSARY AND FOR THE SAFETY OF THE PUBLIC.
16. ALL FLOOR SLABS SHALL BEAR ON CONTROLLED FILL.
17. CONTRACTOR WILL BE HELD RESPONSIBLE FOR SETTLEMENT DUE TO IMPROPER COMPACTION.
18. THE CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER IMMEDIATELY IF ANY GRADING WILL TAKE PLACE BEYOND THE LIMITS OF DISTURBANCE.
19. IF THERE ARE TREES ON SITE THAT DO NOT SHOW UP ON THE PLANS, THE CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE OR ENGINEER FOR REMOVAL OR RELOCATION, IF REQUIRED.
20. CONTRACTOR SHALL GRADE ALL LOW SPOTS TO DRAIN. THE CONTRACTOR SHALL INFORM THE APPROPRIATE GOVERNING AGENCY, OWNER AND/OR OWNING REPRESENTATIVE PRIOR TO BEGINNING OF PROOFROLLING.
21. ANY GEOTECHNICAL/TESTING REPORTS SOLICITED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER AND THE ENGINEER.
22. GRADING TOLERANCES: BUILDING PAD: -0.0' TO +0.1'; PAVED AREAS -0.0' TO +0.2'; ALL OTHER AREAS: -0.2' TO +0.2'.
23. ALL RETAINING WALLS EXCEEDING 4 FEET IN TOTAL HEIGHT AS MEASURED FROM THE TOP OF THE WALL TO THE BASE OF FOOTING SHALL BE APPROVED UNDER A SEPARATE BUILDING PERMIT
24. SEE SITE PLAN FOR ADA ACCESSIBLE ROUTES AND PAVING REQUIREMENTS

PAVING NOTES

1. ALL PAVING WORK AND SUBGRADE PREPARATION/STABILIZATION SHALL CONFORM TO THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, PREPARED BY OLSSON ASSOCIATES, MAY 07, 2015. PROJ. NO. 015-0361. IN CASE OF ANY CONFLICT WITH THESE PLANS, NOTIFY ENGINEER IMMEDIATELY.
2. UNLESS PROVIDED FOR IN THE PLANS, CONTRACTOR SHALL DEVELOP A CONCRETE PAVEMENT JOINTING PLAN USING THE PROPOSED SITE PLAN AND SITE CONDITIONS. JOINT LAYOUT SHALL BE IN ACCORDANCE WITH ACI 330R "GUIDE FOR THE DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS," AND STANDARD CONSTRUCTION PRACTICES. JOINT DETAILS SHALL BE IN ACCORDANCE WITH SUDAS SPECIFICATIONS. CONTRACTOR SHALL PROVIDE A PAVEMENT JOINTING PLAN FOR OWNER APPROVAL.
3. ALL CONCRETE PAVEMENT SHALL MEET 2014 SUDAS SPECIFICATIONS AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI.
4. ALL RADIUS DIMENSIONS SHOWN ARE 5' TO BACK OF CURB UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS FOR PARKING STALLS TO BE 4" WIDE YELLOW MARKING AND CONFORM TO THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD, FEDERAL HIGHWAY ADMINISTRATION) AND ALL REVISIONS THERETO INCLUDING LOCAL AND STATE SUPPLEMENTS.
6. ALL SIGNING, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES ON PROJECT TO BE IN CONFORMANCE WITH THE LATEST EDITION OF MUTCD AND ALL REVISIONS THERETO INCLUDING LOCAL AND STATE SUPPLEMENTS.
7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL ACCESSIBLE AREAS AND ROUTES ARE BUILT IN ACCORDANCE WITH THE PLANS AND THE "2010 ADA STANDARDS FOR ACCESSIBLE DESIGN". THE SITE MAY BE INSPECTED BY CITY PERSONNEL FOR COMPLIANCE WITH THE STANDARDS.
8. ADA ACCESSIBLE PARKING STALLS AND AISLES SHALL BE CONSTRUCTED WITH A MAXIMUM SLOPE OF 2.00% IN ANY DIRECTION. ADA ACCESSIBLE ROUTES SHALL BE CONSTRUCTED WITH A MAXIMUM CROSS SLOPE OF 2.00% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00% (UNLESS RAMPS AND LANDINGS ARE PROVIDED PER ADA STANDARDS). CURB RAMPS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 8.33% (12:1). ACCESSIBLE MANEUVERING AREAS AT DOORS SHALL BE CONSTRUCTED WITH A MAXIMUM 2.00% IN ANY DIRECTION. CONTRACTOR SHALL FIELD VERIFY ADA GRADES AND FORM WORK PRIOR TO PLACING ANY CONCRETE. ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY SHOWN ON THE PLANS.
9. CONTRACTOR TO COORDINATE ALL PAVEMENT TESTING.
10. PAVING CONTRACTOR TO PLACE TRAFFIC RATED CAPS ON ALL CLEAN-OUTS WITHIN PAVED AREAS.
11. ALL ACCESSIBLE STALLS TO BE PAINTED AND SIGNS INSTALLED.
12. MAINTAIN 2% MAXIMUM CROSS SLOPE ON SIDEWALKS UNLESS OTHERWISE NOTED. ALL SIDEWALKS TO BE 4" P.C.C. PAVEMENT UNLESS OTHERWISE NOTED.

13. ALL COMPACTION UNDERNEATH PAVEMENT IN RIGHT-OF-WAY SHALL CONFORM TO SUDAS.
14. CONTRACTOR SHALL BOX OUT AND ADJUST UTILITY RIMS TO GRADE PER SUDAS.

STORM SEWER NOTES

1. ALL STORM SEWER PIPE MATERIAL 12" AND SMALLER SHALL BE HDPE DOUBLE-WALL, SMOOTH INTERIOR PIPE (ADS N-12 OR APPROVED EQUAL) UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL PIPES 15" AND LARGER SHALL BE RCP UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL JOINTS AND STRUCTURE CONNECTIONS SHALL BE WATER-TIGHT.
2. STORM SEWER PIPE SHALL BE BEDDED, INSTALLED, AND BACKFILLED IN ACCORDANCE WITH THE DETAILS INCLUDED IN THE PLANS, MANUFACTURER'S INSTALLATION REQUIREMENTS, AND/OR STANDARD DETAILS INCLUDED BY REFERENCE.
3. ALL CAST-IN-PLACE CONCRETE DRAINAGE STRUCTURES SHALL MEET SUDAS SPECIFICATIONS.
4. SMALL DIAMETER STORM SEWER CONNECTIONS (12 INCH DIAMETER AND LESS) SHALL BE MADE WITH REDUCING WYE'S, 45 DEGREE BENDS, AND REDUCING COUPLERS, UNLESS OTHERWISE INDICATED. REFER TO PLAN AND DETAILS FOR SYSTEM LAYOUT.
5. ALL PIPE BEDDING SHALL MEET CLASS F-3 OF SUDAS SW-103 FOR FLEXIBLE GRAVITY PIPE, AND CLASS R-2 OF SUDAS SW-102 FOR RIGID GRAVITY PIPE.
6. ALL SUMP SERVICE LINES SHALL HAVE TRACER WIRE.
7. ALL FLARED END SECTIONS SHALL HAVE FOOTINGS AND APRON GRATES. THE LAST 3 PIPE SECTIONS AND THE FLARED END SECTION ON ALL CULVERTS SHALL BE TIED. ALL STORM SEWER JOINTS SHALL BE WRAPPED WITH ENGINEERING FABRIC.
8. ALL STORM SEWER IN THE ROW SHALL BE RCP, UNLESS OTHERWISE APPROVED BY THE CITY.
9. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY FIELD TILE DAMAGED DURING CONSTRUCTION. THE TILE SHOULD BE DIRECTED TO PUBLIC STORM SEWER IF POSSIBLE. THE CONTRACTOR SHALL RECORD THE ELEVATION AND LOCATIONS OF ALL TILES.

EROSION & SEDIMENT CONTROL NOTES

1. THIS PROJECT REQUIRES AN NPDES GENERAL PERMIT NO. 2 FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE IOWA DEPARTMENT OF NATURAL RESOURCES (IDNR). CONTRACTOR TO COMMENCE WORK ON THIS SITE ONLY AFTER AN ACTIVE PERMIT NUMBER HAS BEEN OBTAINED.
2. THE CONTRACTOR SHALL CONTINUOUSLY PROVIDE ADEQUATE STORMWATER MANAGEMENT IN ACCORDANCE WITH THE APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE PUBLIC STREETS, ACCESS ROUTES, AND WATERWAYS IN THE VICINITY OF THE JOB SITE CLEAN AND FREE OF ROCKS, SOIL AND DEBRIS.
4. THE CONTRACTOR SHALL INSTALL EROSION AND SEDIMENTATION CONTROL "BEST MANAGEMENT PRACTICES" (BMPS) PRIOR TO ANY SITE PREPARATION WORK (E.G., CLEARING, GRUBBING, DEMOLITION, OR EXCAVATION).
5. THE PLACEMENT OF EROSION AND SEDIMENT BMPS SHALL BE IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN PREPARED FOR THE PROJECT. CONTRACTOR TO ADJUST QUANTITY, LOCATION, AND TYPE OF EROSION AND SEDIMENT CONTROL BMPS AS NECESSARY FOR THE VARIOUS PHASES OF THE WORK AND AS ACTUAL CONDITIONS WARRANT. CONTRACTOR SHALL CONTINUOUSLY MODIFY THE EROSION AND SEDIMENT CONTROL PLAN WITH CURRENT BMPS IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER PERMIT REQUIREMENTS. ADDITIONAL EROSION AND SEDIMENT CONTROL BMPS EMPLOYED BY THE CONTRACTOR AT HIS DISCRETION WILL NOT BE MEASURED OR PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.
6. A GROUNDWATER DISCHARGE PERMIT MAY BE REQUIRED FROM THE STATE GOVERNING AUTHORITY PRIOR TO DISCHARGE.
7. APPROVED EROSION AND SEDIMENT CONTROL BMPS SHALL BE MAINTAINED AND KEPT IN GOOD REPAIR FOR THE DURATION OF THIS PROJECT. UNLESS OTHERWISE REQUIRED BY THE STATE'S CONSTRUCTION STORMWATER PERMIT, AT A MINIMUM THE CONTRACTOR SHALL INSPECT ALL BMPS EVERY 14 DAYS, AND AFTER ALL SIGNIFICANT PRECIPITATION EVENTS I.E. RAINFALL, SNOWMELT. ALL NECESSARY MAINTENANCE AND REPAIR ACTIVITIES SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS AFTER DIRECTION BY THE INSPECTOR. ACCUMULATED SEDIMENT AND CONSTRUCTION DEBRIS SHALL BE REMOVED WEEKLY FROM ALL BMPS, OR AT ANY TIME THAT SEDIMENT OR CONSTRUCTION DEBRIS ADVERSELY IMPACTS THE FUNCTIONING OF THE BMPS.
8. TOPSOIL AND SUITABLE EARTHEN MATERIALS SHALL BE SEGREGATED AND STOCKPILED WITHIN THE LIMITS OF CONSTRUCTION FOR USE ON AREAS TO BE FILLED AND RE-VEGETATED. ANY AND ALL STOCKPILES SHALL BE PLACED IN AN APPROVED LOCATION AND PROTECTED FROM EROSIVE ELEMENTS USING MEASURES SPECIFIED IN THE EROSION/SEDIMENT CONTROL PLAN AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
9. SOILS THAT WILL BE STOCKPILED FOR MORE THAN THIRTY (30) DAYS SHALL BE MULCHED AND SEEDED WITH A TEMPORARY OR PERMANENT GRASS COVER WITHIN FOURTEEN (14) DAYS OF STOCKPILE CONSTRUCTION.
10. ANY SETTLEMENT OR SOIL ACCUMULATIONS BEYOND THE LIMITS OF CONSTRUCTION DUE TO GRADING OR EROSION SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMEDIATION OF ANY ADVERSE IMPACTS TO ADJACENT WATERWAYS, WETLANDS, PROPERTIES, ETC. RESULTING FROM WORK DONE AS PART OF THIS PROJECT.
11. A WATER SOURCE MUST BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND AND FOR MEETING COMPACTION REQUIREMENTS.
12. THE CONTRACTOR MUST KEEP ALL POLLUTANTS, INCLUDING SEDIMENT, CONSTRUCTION DEBRIS, AND TRENCH BACKFILL MATERIALS FROM ENTERING THE STORM SEWER SYSTEM.
13. ALL SPILLS INCLUDING, BUT NOT LIMITED TO, PETROLEUM PRODUCTS, SOLVENTS, AND CEMENT SHALL BE CLEANED UP IMMEDIATELY. THE LOCAL CITY/COUNTY AND STATE'S GOVERNING AUTHORITY SHALL BE NOTIFIED IMMEDIATELY.
14. THE CONTRACTOR SHALL ENSURE THAT ALL LOADS OF CUT AND FILL MATERIAL IMPORTED TO OR EXPORTED FROM THE SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF THE MATERIAL DURING TRANSPORT ON PUBLIC RIGHT-OF-WAY. ALL MATERIAL EXPORTED FROM THE SITE SHALL BE DISPOSED OF AT A SITE PERMITTED TO ACCEPT SUCH MATERIAL.
15. THE USE OF REBAR, STEEL STAKES OR STEEL FENCE POSTS FOR STAKING DOWN STRAW OR HAY BALES, OR TO SUPPORT SILT FENCING USED AS AN EROSION CONTROL MEASURE, IS PROHIBITED.
16. THE CLEANING OF CONCRETE DELIVERY TRUCK CHUTES IS RESTRICTED TO APPROVED LOCATIONS ON THE JOB SITE. THE DISCHARGE OF WATER CONTAINING WASTE CEMENT TO THE STORM SEWER SYSTEM IS PROHIBITED. ALL CONCRETE WASTE SHALL BE PROPERLY CLEANED UP AND DISPOSED OF AT AN APPROPRIATE LOCATION.
17. CONTRACTOR TO FILE "NOTICE OF TERMINATION" WITH THE IOWA DEPARTMENT OF NATURAL RESOURCES (IDNR) AUTHORITY ONCE THE PROJECT IS COMPLETE. ALL DISTURBED AREAS HAVE BEEN STABILIZED AND TEMPORARY BMPS HAVE BEEN REMOVED.
18. THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING AND PROPOSED INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT COMPLETION OF SITEWORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER AND LOCAL AUTHORITIES. ANY CONSTRUCTION DEBRIS OR MUD DROPPED INTO MANHOLES, INLETS, PIPES OR TRACKED ONTO EXISTING ROADWAYS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY EXCAVATIONS OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS HORIZONTAL OR VERTICAL. THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

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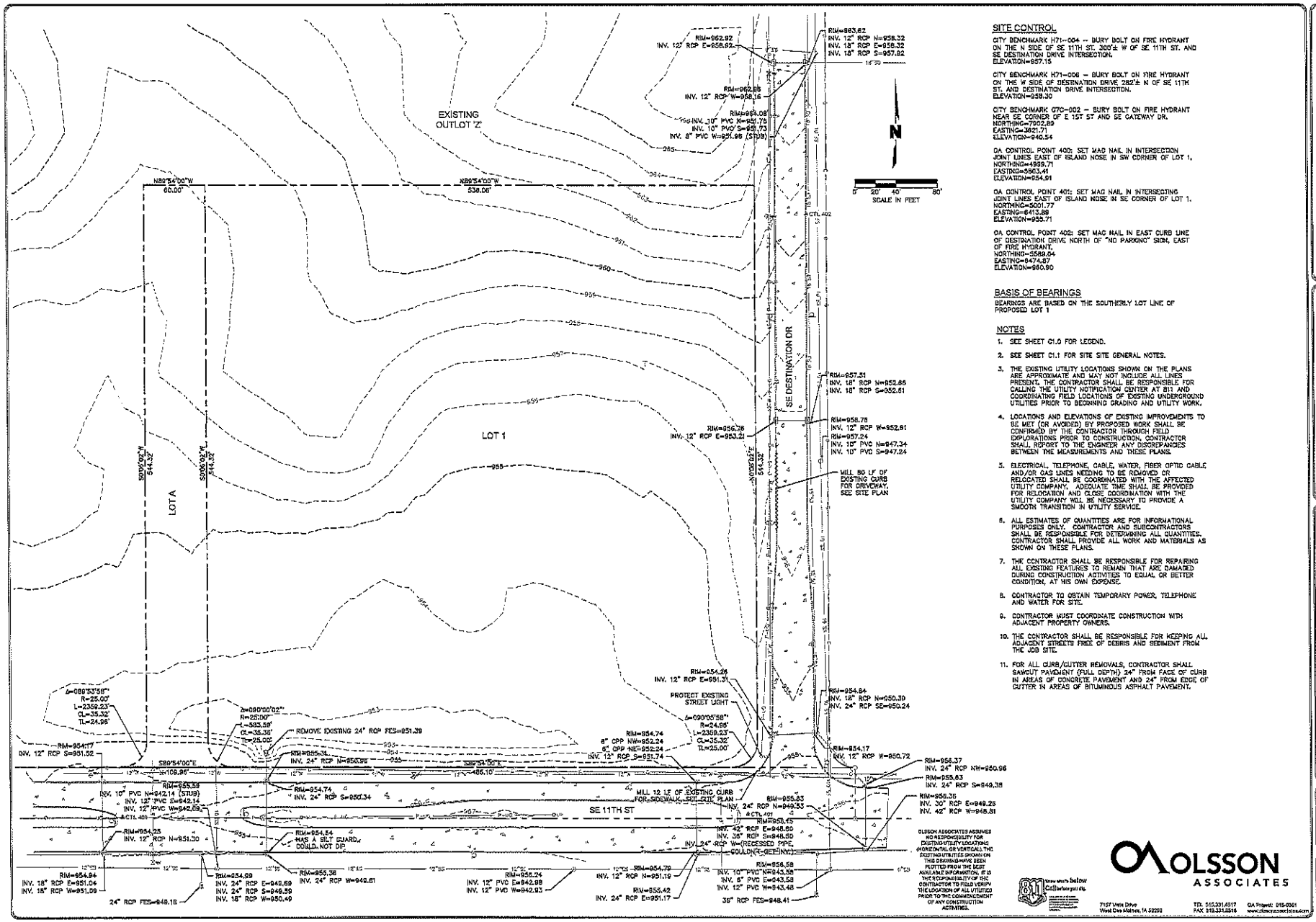
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

GENERAL NOTES

BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

DATE	JUNE 26, 2015
PLANS	
WCA PROJECT	2015-11
SHEET	C1.1



SITE CONTROL

CITY BENCHMARK H71-004 – BURY BOLT ON FIRE HYDRANT ON THE N SIDE OF SE 11TH ST. 300'± W OF SE 11TH ST. AND SE DESTINATION DRIVE INTERSECTION.
ELEVATION=957.15

CITY BENCHMARK H71-006 – BURY BOLT ON FIRE HYDRANT ON THE W SIDE OF DESTINATION DRIVE 282'± N OF SE 11TH ST. AND DESTINATION DRIVE INTERSECTION.
ELEVATION=958.30

CITY BENCHMARK 07C-002 – BURY BOLT ON FIRE HYDRANT NEAR SE CORNER OF E 1ST ST AND SE GATEWAY DR.
NORTHING=7902.82
EASTING=3821.71
ELEVATION=940.54

OA CONTROL POINT 400: SET MAG NAIL IN INTERSECTION JOINT LINES EAST OF ISLAND NOSE IN SW CORNER OF LOT 1.
NORTHING=4959.71
EASTING=5803.41
ELEVATION=954.91

OA CONTROL POINT 401: SET MAG NAIL IN INTERSECTING JOINT LINES EAST OF ISLAND NOSE IN SE CORNER OF LOT 1.
NORTHING=5001.77
EASTING=6413.89
ELEVATION=955.71

OA CONTROL POINT 402: SET MAG NAIL IN EAST CURB LINE OF DESTINATION DRIVE NORTH OF "NO PARKING" SIGN, EAST OF FIRE HYDRANT.
NORTHING=5569.04
EASTING=6474.87
ELEVATION=960.90

BASIS OF BEARINGS

BEARINGS ARE BASED ON THE SOUTHERLY LOT LINE OF PROPOSED LOT 1

NOTES

1. SEE SHEET C1.0 FOR LEGEND.
2. SEE SHEET C1.1 FOR SITE SITE GENERAL NOTES.
3. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE UTILITY NOTIFICATION CENTER AT 811 AND COORDINATING FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING AND UTILITY WORK.
4. LOCATIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS TO BE MET (OR AVOIDED) BY PROPOSED WORK SHALL BE CONFIRMED BY THE CONTRACTOR THROUGH FIELD EXPLORATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO THE ENGINEER ANY DISCREPANCIES BETWEEN THE MEASUREMENTS AND THESE PLANS.
5. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY WILL BE NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
6. ALL ESTIMATES OF QUANTITIES ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING ALL QUANTITIES. CONTRACTOR SHALL PROVIDE ALL WORK AND MATERIALS AS SHOWN ON THESE PLANS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL EXISTING FEATURES TO REMAIN THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER CONDITION, AT HIS OWN EXPENSE.
8. CONTRACTOR TO OBTAIN TEMPORARY POWER, TELEPHONE AND WATER FOR SITE.
9. CONTRACTOR MUST COORDINATE CONSTRUCTION WITH ADJACENT PROPERTY OWNERS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL ADJACENT STREETS FREE OF DEBRIS AND SEDIMENT FROM THE JOB SITE.
11. FOR ALL CURB/GUTTER REMOVALS, CONTRACTOR SHALL SAWCUT PAVEMENT (FULL DEPTH) 24" FROM FACE OF CURB IN AREAS OF CONCRETE PAVEMENT AND 24" FROM EDGE OF GUTTER IN AREAS OF BITUMINOUS ASPHALT PAVEMENT.

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL). THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

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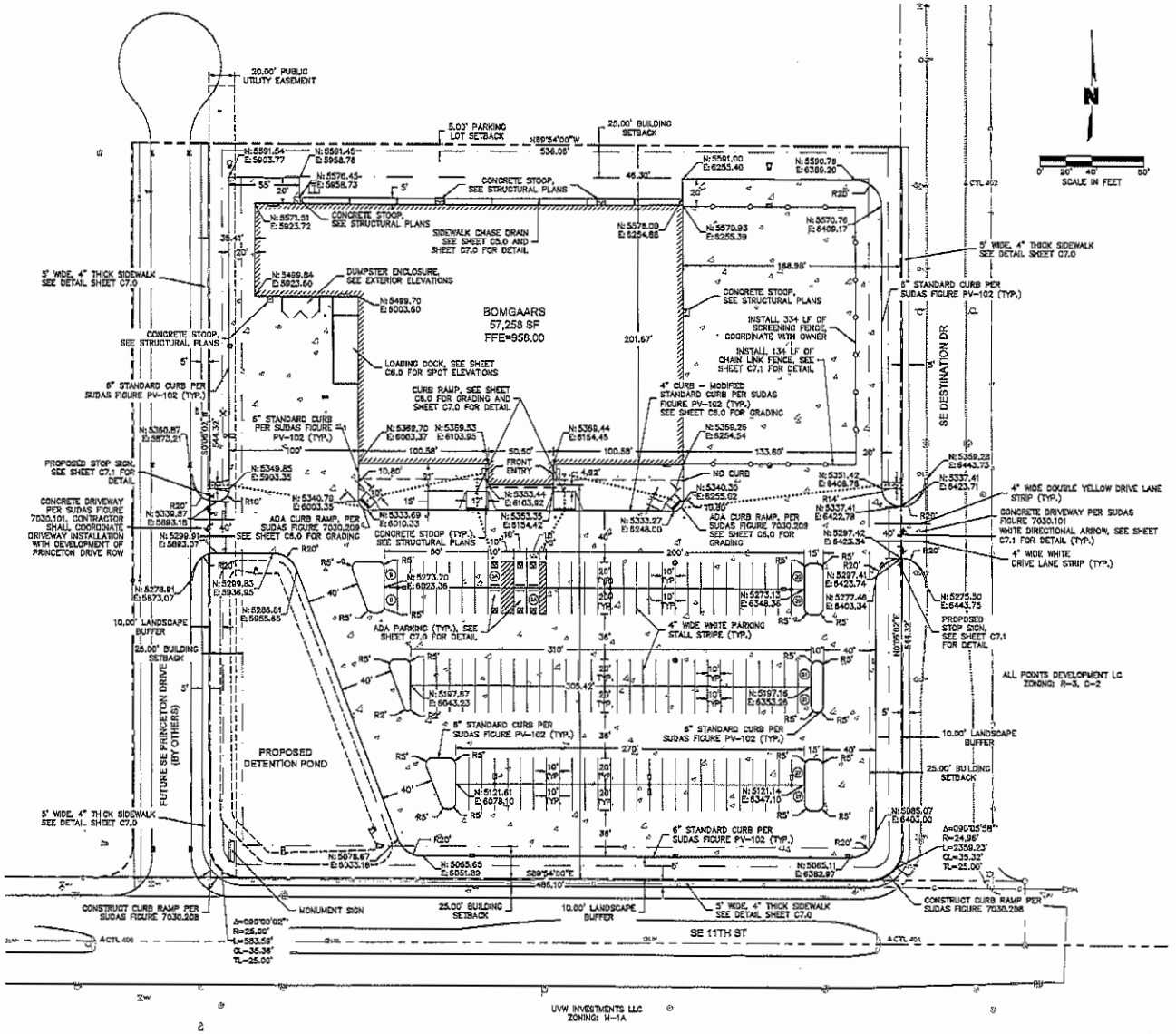
EXISTING CONDITIONS & DEMOLITION PLAN

WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8015

BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

DATE
JUNE 26, 2015
PLANS
WCA PROJECT
2015-11

SHEET
C2.0



NOTES:

1. SEE SHEET C1.0 FOR LEGEND.
2. SEE SHEET C1.1 FOR SITE GENERAL NOTES.
3. BUILDING LAYOUT SHOWN ON THIS PLAN WAS PROVIDED BY WEBB & COMPANY ARCHITECTS, INC.
4. ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB OR BUILDING FACE UNLESS NOTED OTHERWISE.
5. REFER TO SHEET C7.0 AND SUDAS DIVISION 7 FOR ACCESSIBLE STALL AND RAMP DETAILS
6. REFER TO SHEET C7.0 FOR CONCRETE PAVEMENT SECTIONS.
7. REFER TO SHEET C5.0 FOR STORM SEWER PIPING INFORMATION
8. CURB SHALL BE INSTALLED AT THE PERIMETER OF THE PARKING LOT & DRIVE ENTRANCE, UNLESS OTHERWISE NOTED. REFER TO SUDAS FIGURE 7010.102 FOR CURB DETAIL.
9. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE UTILITY NOTIFICATION CENTER AT 811 AND COORDINATING FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING AND UTILITY WORK.
10. THE OWNER WILL BE REQUIRED TO INSTALL FUTURE SIDEWALK ALONG STREET RIGHT-OF-WAY WITHIN 120 DAYS AFTER NOTIFICATION BY THE CITY OF GRIMES THAT SIDEWALK IS REQUIRED.
11. ALL MECHANICAL EQUIPMENT SHALL BE SCREENED

PARKING KEY:

(9) STANDARD STALL COUNT
(6A) ACCESSIBLE STALL COUNT

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR DIGITIZED UTILITY LOCATIONS (HORIZONTAL OR VERTICAL). THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

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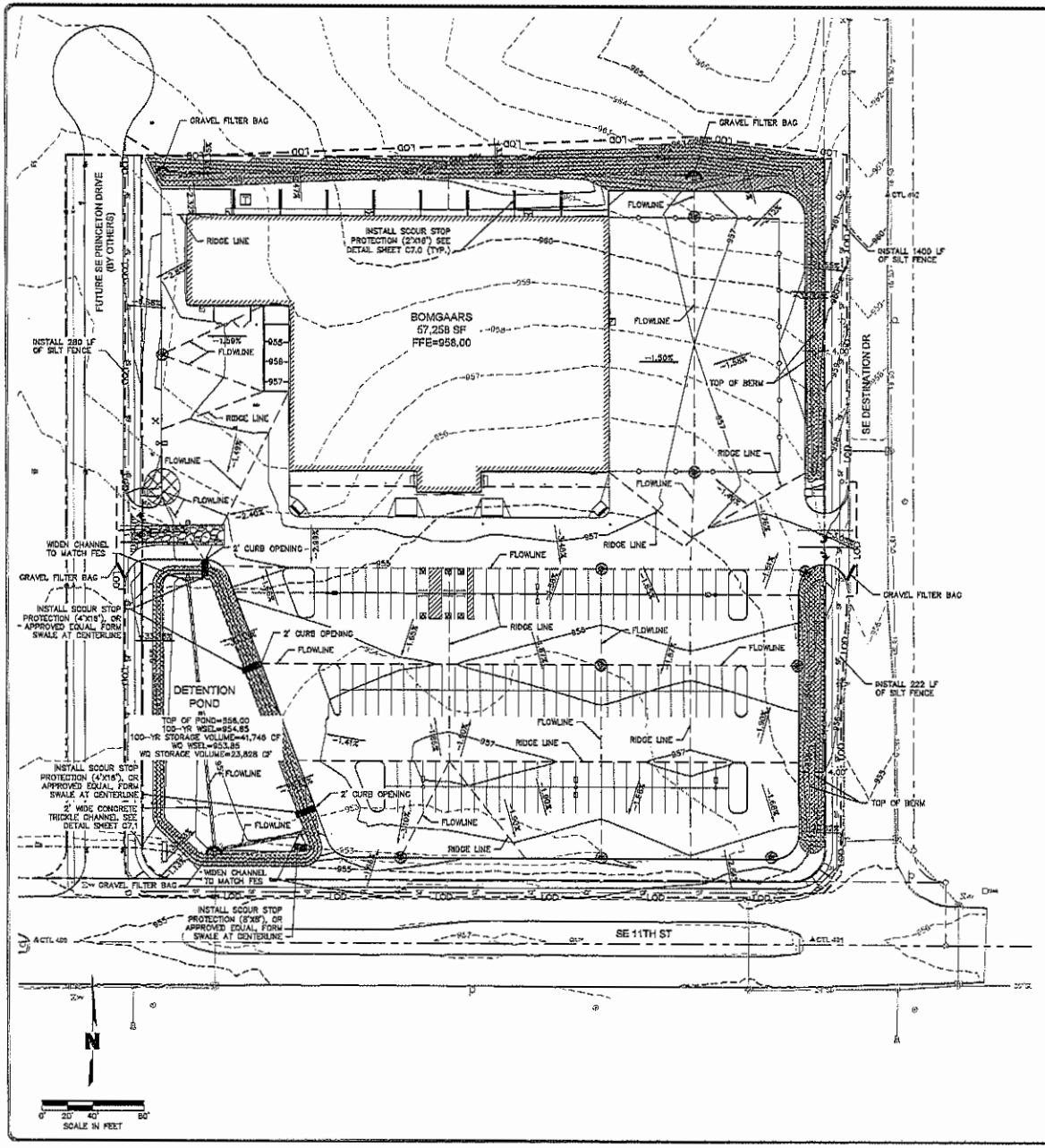
WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Kersten Webb, AIA Architect 308/381-8913

SITE & HORIZONTAL CONTROL PLAN

BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

DATE
JUNE 25, 2015
PLANS
WCA PROJECT
2015-11

SHEET
C3.0



OWNER:
BOMGAARS
1805 ZENITH DRIVE
SIOUX CITY, IA 51103
PHONE: (712) 226-5000
CONTACT: DAVE MEYER

OWNER'S REPRESENTATIVE:
WEBB & COMPANY ARCHITECTS, INC.
397 NORTH WALNUT STREET
GRAND ISLAND, NE 68801
PHONE: (308) 381-8013
CONTACT: MARVIN WEBB, AIA

CIVIL ENGINEER:
OLSSON ASSOCIATES
7157 VISTA DRIVE
WEST DES MOINES, IA 50266
(515) 331-6517
CONTACT: JEREMY SHEPHERD, PE

SITE INFORMATION	
TOTAL DISTURBED AREA	7.57 AC
TOTAL SITE AREA	7.00 AC
SOIL INFORMATION	CAMSTED CLAY LOAM
RECEIVING WATERS	NORTH RACCOON RIVER
RUNOFF COEFFICIENT (PRIOR TO CONSTRUCTION)	0.85 (100 YEAR)
RUNOFF COEFFICIENT (AFTER CONSTRUCTION)	0.88 (100 YEAR)

LEGEND

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED GRADE BREAK
- INSTALL INLET PROTECTION, SEE SHEET C7.1
- SILT FENCE PER SUDAS FIGURE 9040.119
- STABILIZED CONSTRUCTION ENTRANCE PER SUDAS FIGURE 9040.119
- LIMITS OF DISTURBANCE
- CONCRETE WASHOUT AREA, SEE SHEET C7.1
- GRAVEL FILTER BAG, SEE SHEET C7.1
- EROSION CONTROL BLANKET PER SUDAS SECTION 9040

CONSTRUCTION & EROSION CONTROL SCHEDULE:

1. SILT FENCE SHALL BE INSTALLED IN THE PROPOSED LOCATIONS FOR PERIMETER CONTROL. INSTALL UPSTREAM DIVERSIONS, DOWN SLOPE AND SIDE SLOPE PERIMETER CONTROLS.
2. DEMO, CLEARING AND GRUBBING SHALL BE COMPLETED.
3. DETENTION BASIN SHALL BE CONSTRUCTED AND STABILIZED PRIOR TO ANY OTHER SITE EXCAVATION TO MITIGATE SEDIMENT LEAVING THE SITE.
4. SITE SHALL BE ROUGH GRADED, TEMPORARY COVER CROP SHALL BE SEEDED AS REQUIRED.
5. STRUCTURE EXCAVATION AND BUILDING CONSTRUCTION SHALL COMMENCE. DEWATERING ACTIVITIES AND DISCHARGE SHALL BE IN COMPLIANCE WITH THE REQUIRED PERMITS.
6. THE CONTRACTOR/SUBCONTRACTOR LISTED UNDER THE NPDES PERMIT AND APPROVED SWPPP SHALL ENSURE THAT ALL MUD AND ROCK ARE CLEANED OFF OF PUBLIC STREETS DAILY.
7. SITE GRADING SHALL BE COMPLETED AND FOLLOWED UP BY UTILITY AND PAVING CONSTRUCTION ALONG WITH REDISTRIBUTION OF STRIPPINGS.
8. ONCE STORM SEWER IS FINISHED, INLET PROTECTION SHALL BE INSTALLED. DETENTION BASIN UNDERDRAIN SHALL BE INSTALLED AFTER UPSTREAM IS STABILIZED.
9. EROSION CONTROL SHALL BE INSPECTED AND MAINTAINED UNTIL FINAL GRADING, LANDSCAPING AND STABILIZATION IS ACHIEVED. ONCE FINAL STABILIZATION HAS BEEN ACHIEVED, SEDIMENT CONTROLS SHALL BE REMOVED.

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL). THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

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FAX 515.331.5518

GRADING & EROSION CONTROL PLAN

WEBB & COMPANY
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Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

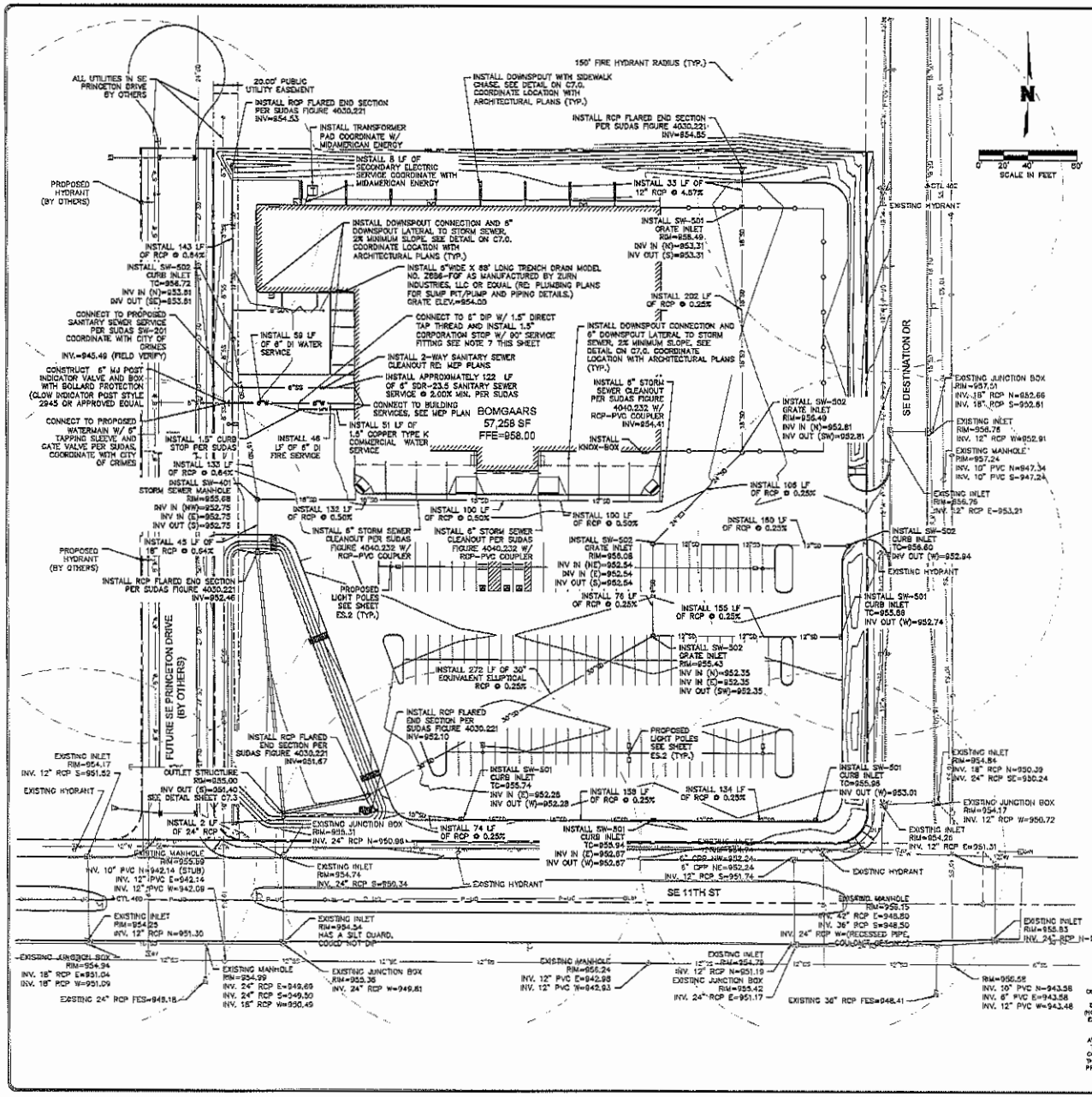
BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

DATE
JUNE 26, 2015

PLANS

WCA PROJECT
2015-11

SHEET
C4.0



BENCHMARK:

BENCHMARK #1
CITY BENCHMARK G7C-002 – BURY BOLT ON FIRE HYDRANT NEAR SE CORNER OF E 1ST ST AND SE GATEWAY DR.
NORTHING=7902.69
EASTING=3621.71
ELEVATION=940.54

BENCHMARK #2
OA CONTROL POINT 4001: SET MAG NAIL IN INTERSECTION JOINT LINES EAST OF ISLAND NOSE IN SW CORNER OF LOT 1.
NORTHING=4999.71
EASTING=5853.41
ELEVATION=954.91

BASIS OF BEARINGS:

BEARINGS ARE BASED ON THE SOUTHERLY LOT LINE OF PROPOSED LOT 1

NOTES:

1. SEE SHEET C1.0 FOR LEGEND.
2. SEE SHEET C1.1 FOR UTILITY GENERAL NOTES.
3. REFER TO SUDAS FOR CONSTRUCTION DETAILS, MATERIALS AND INSTALLATION PROCEDURES.
4. 1.5" DOMESTIC WATER SERVICE SHALL BE TYPE K COPPER.
5. ALL 6" WATER LINES SHALL BE AWWA C151 DUCTILE IRON PIPE WITH DUCTILE IRON MECHANICAL JOINT FITTINGS
6. ALL SANITARY SEWER LINES SHALL BE PVC SDR23.5 GASKET JOINT PIPE.
7. REFER TO MEP PLANS FOR UTILITY SERVICE CONNECTION LOCATIONS AT THE BUILDING.
8. CONTRACTOR TO COORDINATE WATER MAIN ISOLATION WITH CITY OF GRIMES PRIOR TO INSTALLATION OF 6" WATER LINE TAP.
7. CORPORATION STOP, 90° SERVICE FITTING, CURB STOP & VALVE BOX SHALL BE FURNISHED BY THE GENERAL CONTRACTOR.
8. CONTRACTOR SHALL PURCHASE WATER METER FROM THE CITY OF GRIMES.
9. SANITARY SEWER SERVICE FLEXIBLE SERVICE SADDLE SHALL BE FURNISHED BY THE GENERAL CONTRACTOR.
10. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MAY NOT INCLUDE ALL LINES PRESENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE UTILITY NOTIFICATION CENTER AT 811 AND COORDINATING FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO BEGINNING GRADING AND UTILITY WORK.
11. CONTRACTOR SHALL CONTACT THE CITY OF GRIMES 48 HOURS PRIOR TO THE TAPPING OF ANY WATER OR SEWER SERVICE.
12. THE MINIMUM DEPTH FOR ALL WATER PIPE SHALL BE FIVE (5) FEET AS MEASURED FROM TOP OF PIPE TO FINISH GRADE.
13. ALL UTILITY CROSSINGS SHALL HAVE A MINIMUM OF 18" VERTICAL SEPERATION AND CONFORM TO SUDAS.

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UTILITY PLAN

WEBB & COMPANY
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Marvin Webb, AIA Architect 308/381-8013

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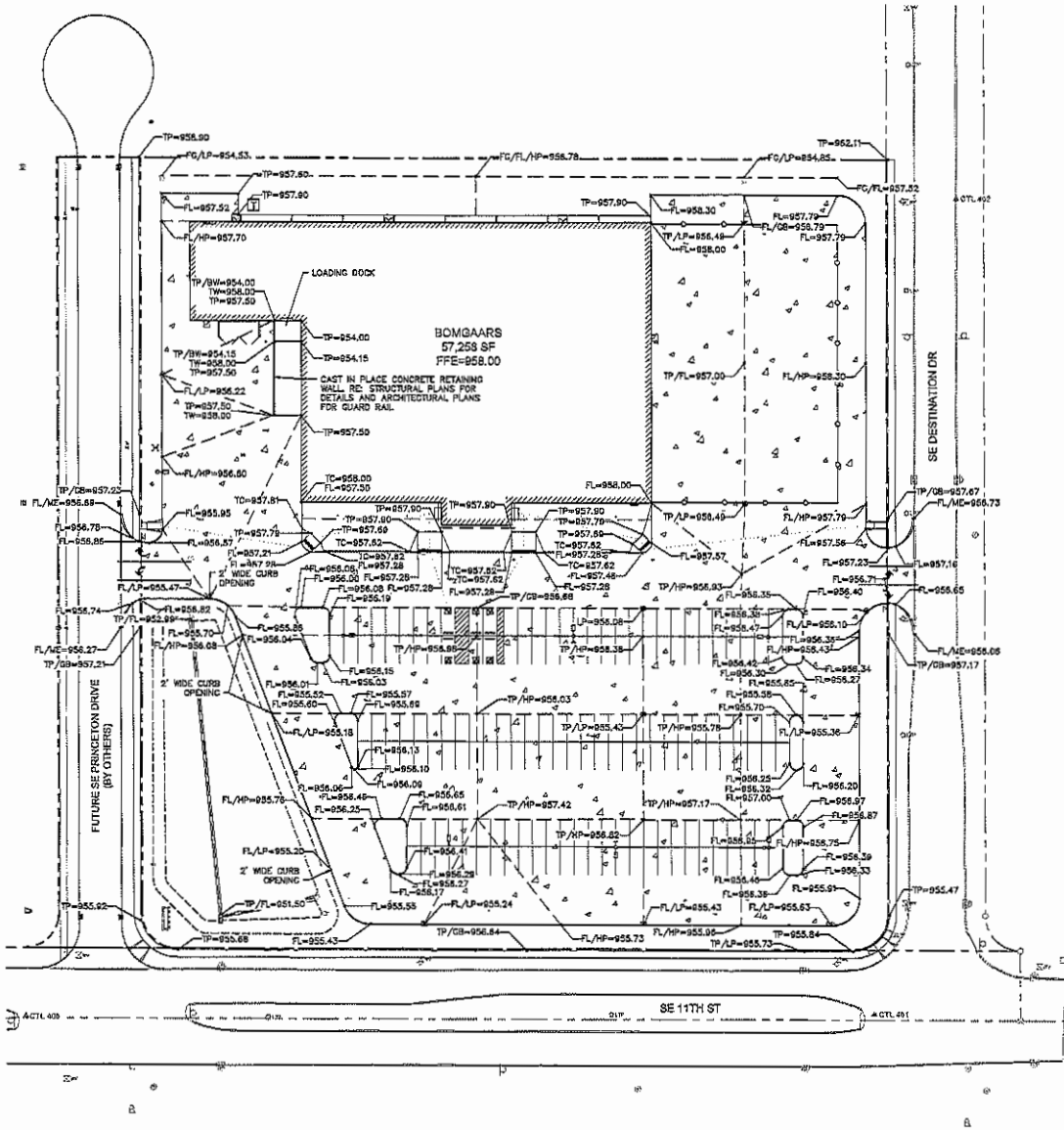
2015-11

SHEET
C5.0



ABBREVIATION KEY:

BW	BOTTOM OF WALL
ME	MATCH EXISTING
FG	FINISHED GRADE
FL	FLOWLINE
HP	HIGH POINT
LP	LOW POINT
ME	MATCH EXISTING
TC	TOP BACK OF CURB
TP	TOP OF PAVEMENT
TW	TOP OF WALL
GB	GRADE BREAK

NOTES:

1. SEE SHEET C1.0 FOR LEGEND.
2. SEE SHEET C1.1 FOR SITE GRADING GENERAL NOTES.
3. ALL ELEVATION ARE TO FLOW LINE UNLESS OTHERWISE NOTED.

LEGEND:

CONCRETE PAVEMENT, SEE DETAIL SHEET C7.0 FOR PAVEMENT SECTION.

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SPOT ELEVATION PLAN

WEBB & COMPANY
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Grand Island, Nebraska
Kerwin Webb, AIA Architect 308/381-4013

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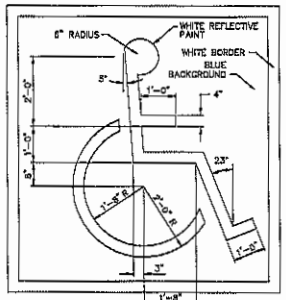
GRIMES, IA

DATE
JUNE 26, 2015

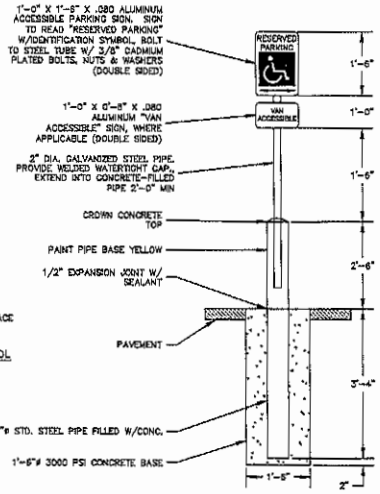
PLANS

WCA PROJECT
2015-11

SHEET
C6.0

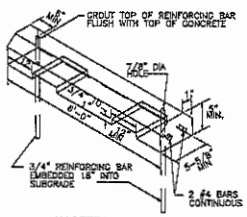


ACCESSIBLE PARKING STALL PAVEMENT SYMBOL
NOT TO SCALE

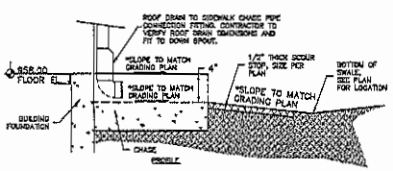


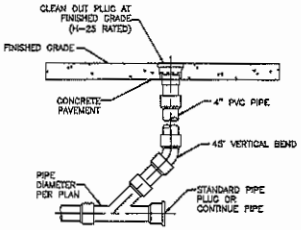
NOTE:
1. ACCESSIBLE PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS

ACCESSIBLE PARKING SIGN IN PAVEMENT
NOT TO SCALE

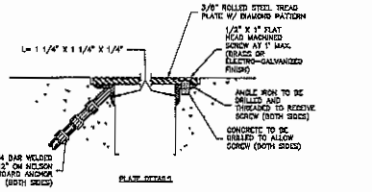


CONCRETE WHEEL STOP
NOT TO SCALE

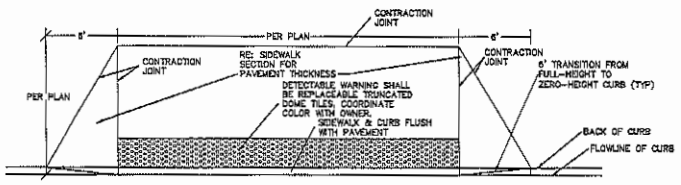




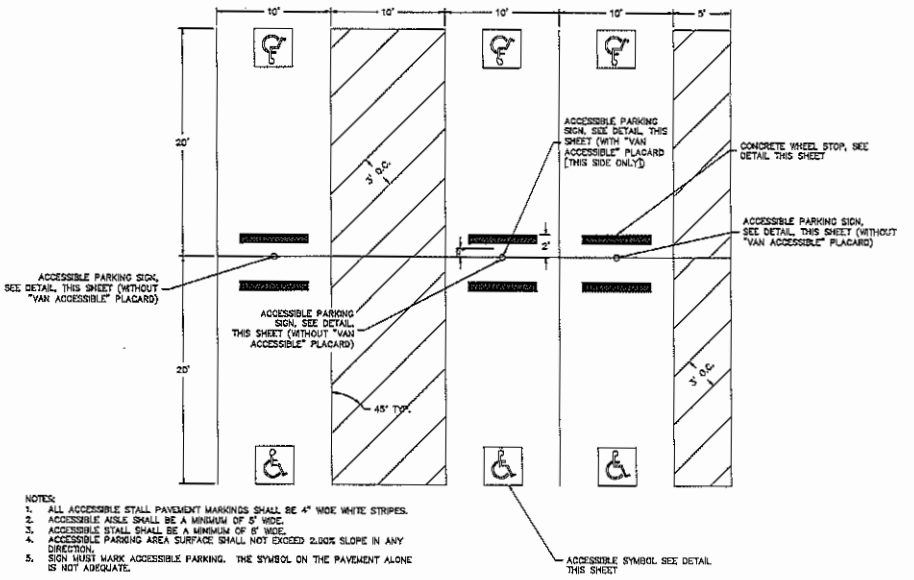
ROOF DRAIN CLEANOUT
NOT TO SCALE



DOWNSPOUT W/ SIDEWALK CHASE DETAIL
NOT TO SCALE

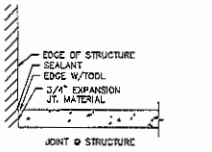


TYPICAL CURB RAMP
NOT TO SCALE

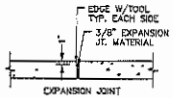


NOTES:
1. ALL ACCESSIBLE STALL PAVEMENT MARKINGS SHALL BE 4" WIDE WHITE STRIPES.
2. ACCESSIBLE AISLE SHALL BE A MINIMUM OF 5' WIDE.
3. ACCESSIBLE STALL SHALL BE A MINIMUM OF 8' WIDE.
4. ACCESSIBLE PARKING AREA SURFACE SHALL NOT EXCEED 2.00% SLOPE IN ANY DIRECTION.
5. SIGN MUST MARK ACCESSIBLE PARKING. THE SYMBOL ON THE PAVEMENT ALONE IS NOT ADEQUATE.

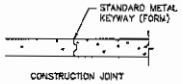
ACCESSIBLE PARKING STALL
NOT TO SCALE



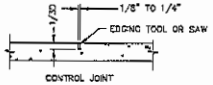
JOINT @ STRUCTURE



EXPANSION JOINT

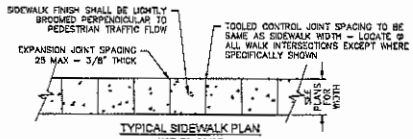


CONSTRUCTION JOINT

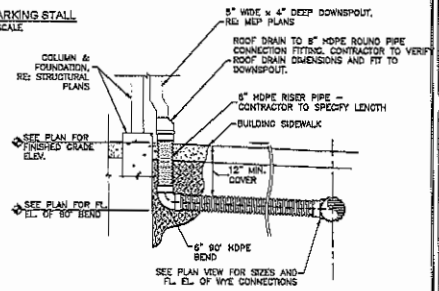


CONTROL JOINT

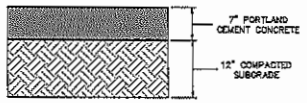
SIDEWALK JOINT DETAILS



TYPICAL SIDEWALK PLAN
NOT TO SCALE



ROOF DRAIN CONNECTION AT AWNING
NOT TO SCALE



PAVEMENT SECTION
NOT TO SCALE

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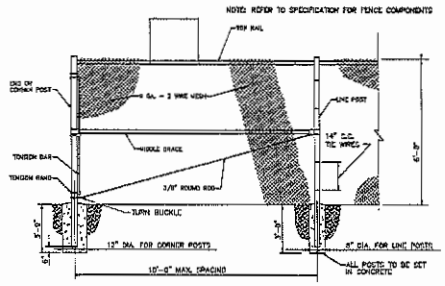
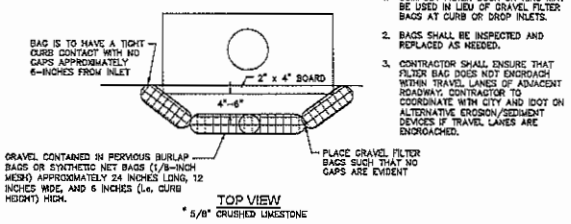
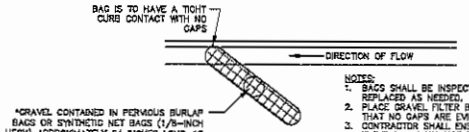


CHAINLINK FENCE DETAIL
NOT TO SCALE

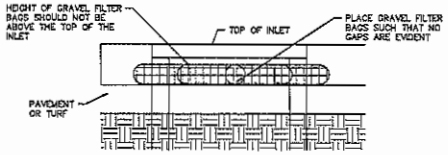


NOTES:
1. COMPOST FILTER SOCK OR RING MAY BE USED IN LIEU OF GRAVEL FILTER BAGS AT CURB OR DROP INLETS.
2. BAGS SHALL BE INSPECTED AND REPLACED AS NEEDED.
3. CONTRACTOR SHALL ENSURE THAT FILTER BAG DOES NOT ENCROACH WITHIN TRAVEL LANES OF ADJACENT ROADWAY. CONTRACTOR TO COORDINATE WITH CITY AND IDOT ON ALTERNATIVE EROSION/SEDIMENT DEVICES IF TRAVEL LANES ARE ENCROACHED.



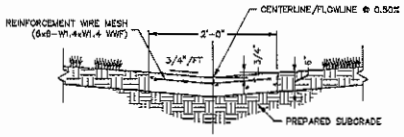
NOTES:
1. BAGS SHALL BE INSPECTED AND REPLACED AS NEEDED.
2. PLACE GRAVEL FILTER BAGS SUCH THAT NO GAPS ARE EVIDENT.
3. CONTRACTOR SHALL ENSURE THAT FILTER BAG DOES NOT ENCROACH WITHIN TRAVEL LANES OF ADJACENT ROADWAY. CONTRACTOR TO COORDINATE WITH CITY AND IDOT ON ALTERNATIVE EROSION/SEDIMENT DEVICES IF TRAVEL LANES ARE ENCROACHED.

GRAVEL FILTER BAG AT CURB LINE
NOT TO SCALE

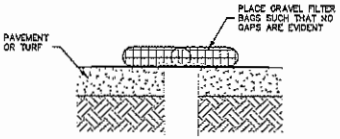


FRONT VIEW

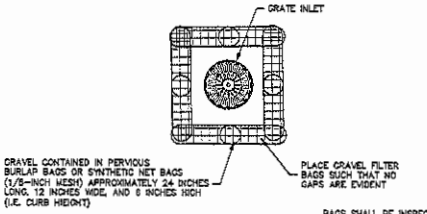
GRAVEL FILTER BAG AT CURB INLET
NOT TO SCALE



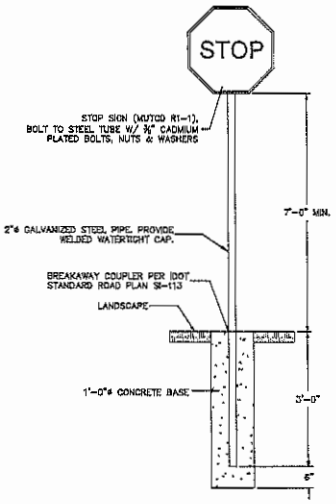
2' WIDE CONCRETE TRICKLE CHANNEL
NOT TO SCALE



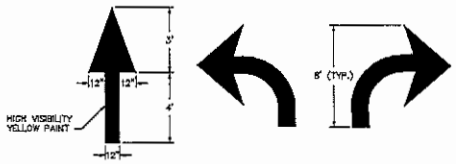
FRONT VIEW



GRAVEL FILTER BAG AT GRATED INLET
NOT TO SCALE

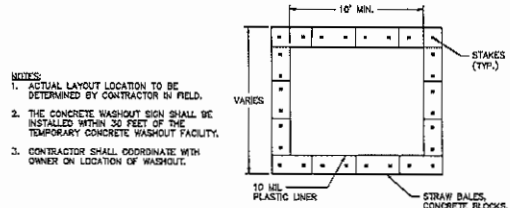


SIGN IN LANDSCAPE DETAIL
NOT TO SCALE



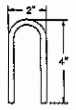
NOTES:
1. WORDS AND ARROWS FOR DRIVEWAYS SHALL BE APPLIED ACCORDING TO REQUIREMENTS AS OUTLINED IN SECTION 3B OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
2. THESE WORDS AND ARROWS ARE TO BE PAINTED REFLECTIVE WHITE.

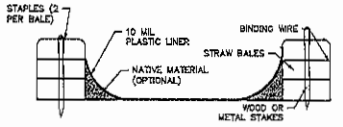
DIRECTIONAL ARROW DETAIL
NOT TO SCALE



NOTES:
1. ACTUAL LAYOUT LOCATION TO BE DETERMINED BY CONTRACTOR IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. CONTRACTOR SHALL COORDINATE WITH OWNER ON LOCATION OF WASHOUT.

PLAN





SECTION

CONCRETE WASHOUT
NOT TO SCALE

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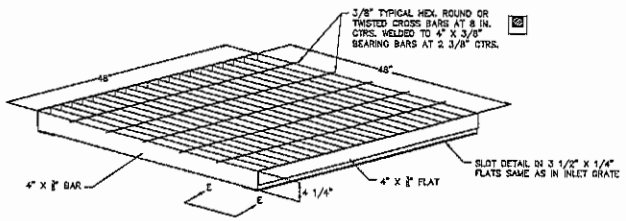
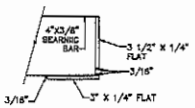
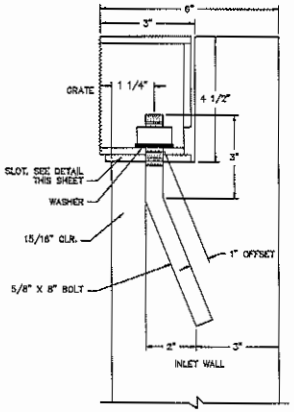


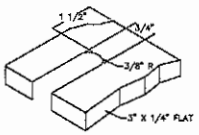
CLOSE MESH GRATE
NOT TO SCALE



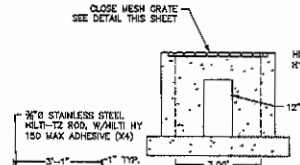
SECTION E-E
NOT TO SCALE



GRATE INSTALLATION DETAIL
NOT TO SCALE

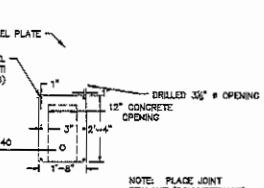


SLOT DETAIL
NOT TO SCALE



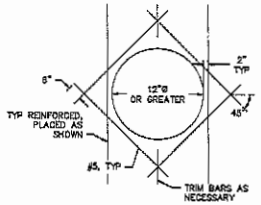
SECTION B-B
SCALE: 1"=2'

RESTRICTOR PLATE
NOT TO SCALE



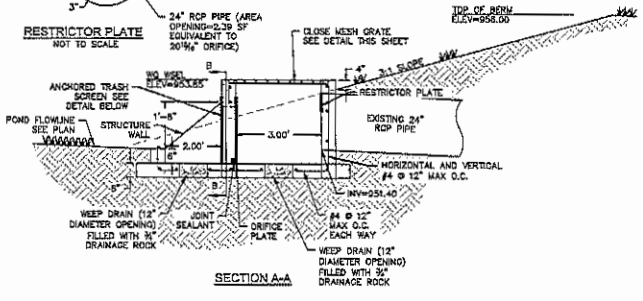
W.O. ORIFICE PLATE
NOT TO SCALE

NOTE: PLACE JOINT SEALANT (POLYURETHANE) AROUND ORIFICE PLATE TO PREVENT SEEPAGE



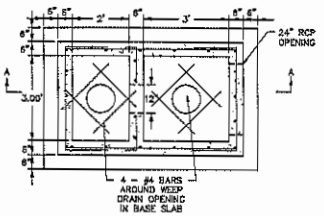
TYP OPENING REINFORCING
NOT TO SCALE

NOTE:
TYP. OPENING REINFORCING DETAIL DOES NOT APPLY TO MANHOLES.

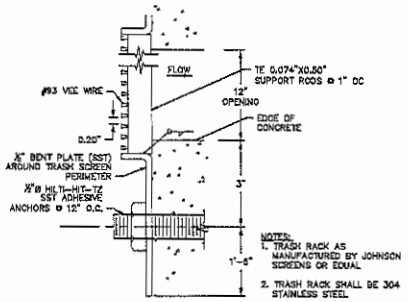


SECTION A-A

POND OUTLET STRUCTURE
SCALE: 1"=2'



PLAN



PLAN
TRASH SCREEN
NOT TO SCALE

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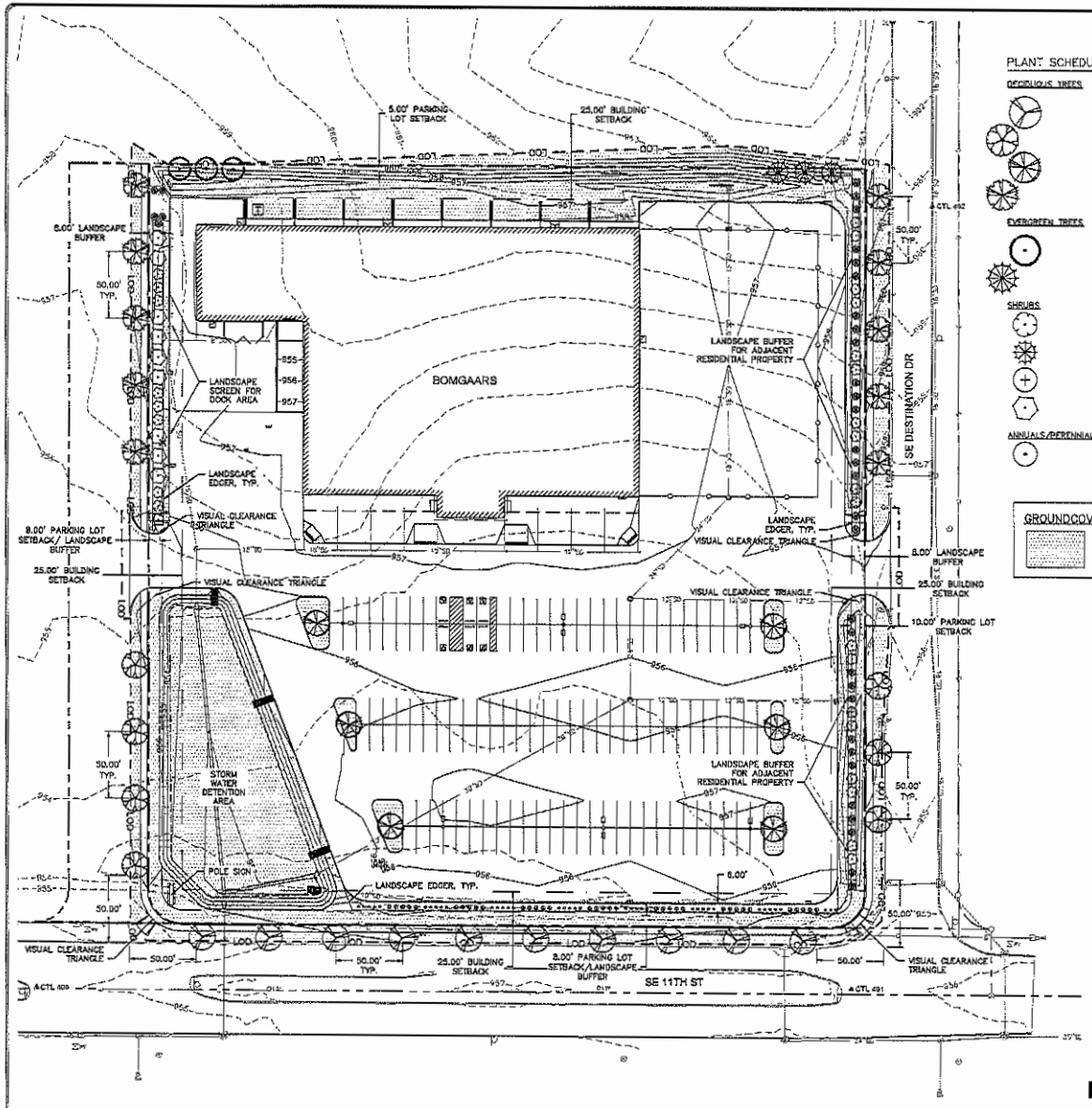

PLANT SCHEDULE

DECIDUOUS TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	MATURE HEIGHT
	11	ACER FREEMANII 'JEFFERSRED' TM / AUTUMN BLAZE MAPLE	B & B	2"CAL		45–50'
	7	GINKGO BILOBA 'PRINCETON SENTRY' / PRINCETON SENTRY GINKGO	B & B	2"CAL		50–60'
	6	GLEDITSIA TRIACANTHOS INERMIS 'SHADEMASTER' TM / SHADEMASTER LOCUST	B & B	2"CAL		50–75'
	10	QUERCUS RUBRA / RED OAK	B & B	1.5"CAL		65–80'
EVERGREEN TREES	**QTY**	**BOTANICAL NAME / COMMON NAME**	**CONT**	**CAL**	**SIZE**	**MATURE HEIGHT**
	3	ABIES CONCOLOR / WHITE FIR	B & B		6' HT	40–50'
	3	PICEA PUNGENS GLAUCA / COLORADO BLUE SPRUCE	B & B		6' HT	50–75'
SHRUBS	**QTY**	**BOTANICAL NAME / COMMON NAME**	**SIZE**	**FIELD2**	**FIELD3**	**MATURE HEIGHT**
	27	CORYLUS AMERICANA / AMERICAN HAZELNUT	5 CAL			15–18'
	35	JUNIPERUS CHINENSIS 'SEA GREEN' / SEA GREEN JUNIPER	5 CAL			4–5'
	35	JUNIPERUS SABINA 'BROADMOOR' / BROADMOOR JUNIPER	5 CAL			3–4'
	9	VIBURNUM LENTAGO / NANNYBERRY	5 CAL			15–20'
ANNUALS/PERENNIALS	**QTY**	**BOTANICAL NAME / COMMON NAME**	**SIZE**	**FIELD2**	**FIELD3**	**MATURE HEIGHT**
	38	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / FEATHER REED GRASS	1 CAL			3–4'

GROUNDCOVER LEGEND

TURFGRASS SOD
SEE SPECIFICATION SHEET L2.0

NOTE: 50% OF THE TREES SHALL BE 2" CALIPER, AND THE REMAINING CAN BE 1.5" CALIPER WITH 8–10' HEIGHT.

N

0' 20' 40' 80'
SCALE IN FEET

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LANDSCAPE PLAN

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NOTES:
1. MINIMUM ROOT SPREAD TO BE IN ACCORDANCE WITH ANLA STANDARDS
2. PRUNE DAMAGED LIMBS OR ROOTS AFTER INSTALLATION
3. MAKE SURE ROOTS DO NOT DRY OUT DURING INSTALLATION
4. SOAK GENEROUSLY TO COMPACT AND SETTLE

(1) SECTION: SHRUB PLANTING
N.T.S.

NOTES:
1. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING
2. IN AREAS OF TURF, SURROUND BED WITH 6' DIAMETER OF MULCH

(2) SECTION: DECIDUOUS TREE PLANTING
N.T.S.

(3) SECTION: METAL EDGING
N.T.S.

NOTES:
1. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING
2. IN AREAS OF TURF, SURROUND BED WITH 6' DIAMETER OF MULCH

(4) SECTION: EVERGREEN TREE PLANTING
N.T.S.

IRRIGATION PERFORMANCE SPECIFICATION:

1. IRRIGATION DESIGN TO BE PREPARED BY IRRIGATION CONTRACTOR AND PROVIDED TO THE OWNER OR THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. THE IRRIGATION DESIGN TO BE PREPARED BY AN IRRIGATION DESIGNER WITH A MINIMUM OF FIVE (5) YEARS OF DESIGN EXPERIENCE.
2. IRRIGATION TAP(S) LOCATIONS TO BE COORDINATED BETWEEN THE CONTRACTOR, CITY, AND LANDSCAPE ARCHITECT. INSTALL IRRIGATION TAP(S), METER(S) AND BACKFLOW PREVENTION DEVICE(S) AS REQUIRED BY THE CITY. IRRIGATION TAP(S), METER(S) AND BACKFLOW PREVENTER(S) SIZE TO BE DETERMINED BY IRRIGATION CONTRACTOR AND SHALL BE LISTED ON THE IRRIGATION PLANS.
3. IRRIGATION CONTRACTOR TO DETERMINE AVAILABLE WATER PRESSURE AND FLOW AT TAP LOCATION(S). IRRIGATION CONTRACTOR TO DESIGN IRRIGATION SYSTEM BASED ON AVAILABLE WATER PRESSURE. IRRIGATION CONTRACTOR TO PROVIDE ALL DESIGN CALCULATIONS FOR REVIEW BY THE OWNER OR OWNER'S REPRESENTATIVE INCLUDING FLOW RATES AND PRESSURE LOSSES CALCULATIONS OF THE SYSTEM
4. IRRIGATION CONTROLLER TO BE A MODULAR SYSTEM EXPANDABLE IN EITHER 4 OR 8 STATION MODULES. THE IRRIGATION CONTROLLER TO HAVE THE CAPACITY TO OPERATE A MASTER VALVE DURING SYSTEM RUN TIME. THE IRRIGATION CONTROLLER TO HAVE 4 PROGRAMS WITH INDEPENDENT STARTS, 365 DAY CALENDAR, EVEN, ODD, ODD 31, CYCLICAL, CUSTOM AND MANUAL WATER DAY SCHEDULES. THE CONTROLLER TO HAVE A MINIMUM SEASONAL ADJUST CAPABILITY OF 10% - 150%. THE IRRIGATION CONTROLLER TO BE INSTALLED IN A LOCKABLE, METAL PEDESTAL IN A LOCATION APPROVED BY THE OWNER OR OWNER'S REPRESENTATIVE. THE IRRIGATION CONTROLLER TO BE MANUFACTURED BY HUNTER INDUSTRIES, RAIN BIRD CORPORATION, OR TORO AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. THE IRRIGATION CONTROLLER TO HAVE A MANUFACTURER'S FIVE (5) YEAR WARRANTY.
5. THE IRRIGATION SYSTEM DESIGN TO INCLUDE A WIRELESS RAIN SENSOR. INSTALL RAIN SENSOR IN LOCATION APPROVED BY THE OWNER AND PER THE MANUFACTURER'S SPECIFICATIONS. THE WIRELESS RAIN SENSOR TO BE MANUFACTURED BY HUNTER INDUSTRIES, RAIN BIRD CORPORATION, OR TORO.
6. IRRIGATION CONTROL VALVES ARE TO BE A PLASTIC GLOBE VALVE CONFIGURATION WITH PRESSURE RATING OF 15 - 150 PSI AND FLOW RANGE FROM 2 - 150 GPM. THE SOLENOID SHALL BE HEAVY DUTY ONE PIECE CONSTRUCTION. THE CONTROL VALVES TO HAVE THE ABILITY TO ADJUST AND REGULATE PRESSURE FROM 20 -100 PSI. THE CONTROL VALVE SIZE TO BE 1", 1.5"AND 2" CONFIGURATIONS. THE CONTROL VALVES TO HAVE A MANUFACTURER'S THREE (3) YEAR WARRANTY.
7. ALL SHRUB BEDS ARE TO BE IRRIGATED USING A DRIP SYSTEM. TURF AREAS TO BE IRRIGATED USING TURF SPRAY HEADS OR ROTORS. THE IRRIGATION SPRAY BODY TO BE UV-RESISTANT PLASTIC WITH A CO-MOLDED OR RUBBER SEALS AND HEAVY DUTY SPRING AND PRESSURE REGULATING. THE SPRAY BODY TO HAVE BOTH A BOTTOM AND SIDE IN-LET FEATURE. SPRAY NOZZLES SHALL BE VARIABLE ARC SPRAY NOZZLES. THE IRRIGATION DESIGN TO BE PREPARED TO PROVIDE A 50% SPACING OR HEAD TO HEAD LAYOUT. THE SPRAY BODIES AND NOZZLES TO BE MANUFACTURED BY HUNTER INDUSTRIES, TORO, OR RAIN BIRD CORPORATION AND TO HAVE A MANUFACTURERS FIVE (5) YEAR WARRANTY.
8. ALL IRRIGATION MAINLINE PIPES TO BE PVC CLASS 200 IPS PLASTIC PIPE. ALL PIPE TO BE SIZED NOT TO EXCEED A VELOCITY OF FIVE (5) FEET PER SECOND.
9. ALL IRRIGATION LATERAL PIPES TO BE POLYETHYLENE PIPE.
10. ALL IRRIGATION PIPE OR WIRE TO BE INSTALLED IN SLEEVES BELOW ANY PAVEMENT OR HARD SURFACE. ALL IRRIGATION SLEEVES TO BE PVC SCHEDULE 40. ALL SLEEVES ARE TO EXTEND 24" BEYOND AND SIZED A MINIMUM OF TWO (2) TIMES THE DIAMETER OF THE MAINLINE OR LATERAL.
11. IRRIGATION CONTRACTOR TO SUPPLY MAINTENANCE AND OPERATION MANUALS AND A SCALED AS-BUILT DRAWING OF THE SYSTEM TO THE OWNER. IRRIGATION CONTRACTOR TO DEMONSTRATE THE PROGRAMMING OF THE CONTROLLER FOR THE OWNER.
12. FINISH GRADES ESTABLISHED PRIOR TO INSTALLATION OF IRRIGATION SYSTEM SHALL BE MAINTAINED AND ANY EXCESS SOIL TO EITHER BE WASTED ON SITE AT THE DISCRETION OF THE GENERAL CONTRACTOR OR DISPOSED OF OFF-SITE. ALL CONSTRUCTION DEBRIS FROM IRRIGATION OPERATIONS TO BE DISPOSED OF OFF-SITE.

SOD SPECIFICATION

1. ALL DISTURBED AREAS TO RECEIVE TURFGRASS SOD: NUMBER 1 QUALITY/PREMIUM, INCLUDING LIMITATIONS ON THATCH, WEEDS, DISEASES, NEMATODES, AND INSECTS, COMPLYING WITH TPI'S "SPECIFICATIONS FOR TURFGRASS SOD MATERIALS" IN ITS "GUIDELINE SPECIFICATIONS TO TURFGRASS SODDING." FURNISH VIABLE SOD OF UNIFORM DENSITY, COLOR, AND TEXTURE, STRONGLY ROOTED, AND CAPABLE OF VIGOROUS GROWTH AND DEVELOPMENT WHEN PLANTED.

   TURFGRASS SPECIES: SOD OF GRASS AS FOLLOWS:
   KENTUCKY BLUEGRASS (POA PRATENSIS), A MINIMUM OF THREE CULTIVARS SELECTED FROM THE FOLLOWING LIST:
   A. BLACKSBURG KENTUCKY BLUEGRASS
   B. CHALLENGER KENTUCKY BLUEGRASS
   C. BARON KENTUCKY BLUEGRASS
   D. NUSTAR KENTUCKY BLUEGRASS
   E. CHERI KENTUCKY BLUEGRASS
   F. GLADE KENTUCKY BLUEGRASS
   G. MERIT KENTUCKY BLUEGRASS
   H. NAUSAU KENTUCKY BLUEGRASS
   I. MIDNIGHT KENTUCKY BLUEGRASS
   J. RAM I KENTUCKY BLUEGRASS
   K. LIBERTY KENTUCKY BLUEGRASS
   L. VICTA KENTUCKY BLUEGRASS
   M. RUGBY KENTUCKY BLUEGRASS
   N. ECLIPSE KENTUCKY BLUEGRASS
2. ALL LAWN AREAS TO RECEIVE A MINIMUM 6-INCH DEPTH OF TOPSOIL COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
3. THE ENTIRE SURFACE TO BE SODDED TO BE REASONABLY SMOOTH AND FREE FROM STONES, ROOTS, OR OTHER DEBRIS.
4. SOD TO BE MACHINE STRIPPED AT A UNIFORM SOIL THICKNESS OF APPROXIMATELY ONE INCH (PLUS OR MINUS 1/4-INCH). THE MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH, AND TO BE DETERMINED AT THE TIME OF CUTTING IN THE FIELD. PRECAUTIONS SHALL BE TAKEN TO PREVENT DRYING AND HEATING. SOD DAMAGED BY HEAT AND DRY CONDITIONS, AND SOD CUT MORE THAN 18 HOURS BEFORE BEING INCORPORATED INTO THE WORK SHALL NOT BE USED.
5. HANDLING OF SOD TO BE DONE IN A MANNER THAT WILL PREVENT TEARING, BREAKING, DRYING AND OTHER DAMAGE. PROTECT EXPOSED ROOTS FROM DEHYDRATION. DO NOT DELIVER MORE SOD THAN CAN BE LAID WITH 24 HOURS.
6. MOISTEN PREPARED SURFACE IMMEDIATELY PRIOR TO LAYING SOD. WATER THOROUGHLY AND ALLOW SURFACE TO DRY BEFORE INSTALLING SOD. FERTILIZE, HARROW OR RAKE FERTILIZER IN THE TOP 1-1/2-INCHES OF TOPSOIL, AT A UNIFORM RATE OF ONE POUND OF NITROGEN PER 100 S.F.
7. SOD TO BE CAREFULLY PLACED IN THE DIRECTION PARALLEL WITH THE SLOPE OF THE AREA TO BE SODDED. SOD STRIPS SHALL BE BUTTED TOGETHER BUT NOT OVERLAPPED WITH THE SEAMS STAGGERED ON EACH ROW.
8. FERTILIZER TO BE 20-10-5 COMMERCIAL FERTILIZER OF THE GRADE, TYPE, AND FORM SPECIFIED AND TO COMPLY WITH THE RULES OF THE STATE OF NEBRASKA DEPARTMENT OF AGRICULTURE. FERTILIZER SHALL BE IDENTIFIED ACCORDING TO THE PERCENT N, P, K, IN THAT ORDER.
9. ALL SOD ON SLOPES GREATER THAN 5:1 AND WITHIN DETENTION AREAS SHALL BE STAKED.
10. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF FOUR INCHES BELOW SOD.
11. CONTRACTOR TO PROVIDE FULL MAINTENANCE FOR SODDED TURF GRASS FOR A PERIOD OF 30 DAYS AFTER THE DATE OF FINAL ACCEPTANCE, OR STORE OPENING, WHICHEVER IS GREATER. AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF MUST BE ESTABLISHED. THE TURF GRASS SHALL BE FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES.

PLANTING NOTES

1. PRIOR TO ANY PLANTING OR BREAKING OF GROUND, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL/LOCATE ALL UTILITY LINES WITHIN THE VICINITY.
2. CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS DURING EXCAVATION OPERATIONS TO NOT DISTURB EXISTING UTILITY LINES. DAMAGE TO ANY EXISTING UTILITY LINES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE
3. ALL DAMAGE TO EXISTING SITE IMPROVEMENTS RESULTING FROM EXCAVATION, PLANTING, BACKFILLING, ETC. SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL SEED ALL DISTURBED AREAS INCLUDING CONSTRUCTION ACCESS OUTSIDE PROJECT LIMITS. SURFACES OTHER THAN THE PLANTING AREA SHALL BE RESTORED BY THE CONTRACTOR TO THE CONDITION EXISTING PRIOR TO THE PLANTING OPERATION.
4. PLANT LIST IS PROVIDED FOR CONVENIENCE ONLY. IN THE CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST QUANTITIES, THE PLAN TO TAKE PRECEDENCE. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS.
5. ALL PLANT MATERIAL INSTALLED TO BE "NURSERY GROWN" MEETING THE FOLLOWING CRITERIA:
   A) PLANT MATERIAL GROWN BY ESTABLISHED COMMERCIAL NURSERIES AND SOLD TO LICENSED AND CERTIFIED NURSERIES AND/OR LANDSCAPE ARCHITECTS.
   B) GROWN AND SOLD ACCORDING TO AMERICAN STANDARD FOR NURSERY STOCK SPECIFICATION.
6. THE LANDSCAPE ARCHITECT AND/OR OWNER RESERVES THE RIGHT TO INSPECT AND APPROVE ALL PLANT MATERIAL AT THE NURSERY/PLACE OF GROWTH, PRIOR TO INSTALLATION. HOWEVER, PLANT MATERIAL WHICH HAS BECOME DAMAGED OR DISEASED OR WHICH IS UNACCEPTABLE TO THE LANDSCAPE ARCHITECT MAY BE REJECTED UPON DELIVERY TO THE SITE. WHEN TYPICAL, TREES WITHOUT A CENTRAL LEADER WILL NOT BE ACCEPTED.
7. ALL PLANT SUBSTITUTIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
8. PLANTING OF TREES AND SHRUBS AREAS SHALL BE COMMENCED DURING THE SPRING (MARCH 15-JUNE 15) OR FALL (SEPTEMBER 1-OCTOBER 15) PLANTING SEASON. ANY PLANTING OPERATION NOT PERFORMED DURING THESE PERIODS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT AND ARE PERFORMED AT THE CONTRACTOR'S RISK.
9. TREE LOCATIONS MAY VARY AS DIRECTED BY THE LANDSCAPE ARCHITECT IN THE FIELD. THE ACTUAL LOCATION OF PLANT MATERIALS MAY VARY DUE TO FIELD CONDITIONS. FINAL PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BEFORE PITS ARE DUG. IF INITIAL PLACEMENT IS NOT SATISFACTORY, PLANTS SHALL BE RELOCATED AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
10. ALL TREE/SHRUB PLANTING AREAS TO BE AMENDED WITH ORGANIC COMPOST. A 3" LAYER SHALL BE PLACED OVER TOP OF PLANTING AREA AND ROTOTILLED TO A DEPTH OF 9" BEFORE PLANTING, RAKE AREA SMOOTH.
11. GRANULAR PRE-EMERGENT WEED CONTROL SUCH AS DACTHAL, TREFLAN, OR APPROVED SIMILAR PRODUCT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTION IN ALL BEDS. DO NOT APPLY WEED CONTROL IN TREE WELLS IN GRASS AREAS.
14. ALL TREES IN SAME PLANTING AREA TO BE PLACED AND PLANTED AT THE SAME TIME. IF BECAUSE OF DELIVERY SCHEDULE, ANY PLANTS REMAIN ON THE SITE FOR MORE THAN 8 HOURS, TO BE HEELED-IN ON SITE TO MAINTAIN THEIR HEALTH AND VITALITY. PLANTS SHALL BE OTHERWISE PROTECTED AND MAINTAINED, INCLUDING BUT NOT LIMITED TO WATER AND SHADE. WHILE ON-SITE, ANY PLANTS DEEMED NOT IN SATISFACTORY HEALTH OR CONDITION AT THE TIME OF PLANTING BY THE LANDSCAPE ARCHITECT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
15. CONTRACTOR IS NOT ALLOWED TO STOCKPILE ANY MATERIALS UNDER THE DRIP LINE OF EXISTING TREES.
16. ALL TREES, SHRUB MASS PLANTINGS, AND ANNUAL AND ORNAMENTAL PLANTING BEDS SHALL RECEIVE RIVER ROCK MULCH TO A DEPTH OF 3".
17. TURF LIMITS SHOWN IS BASED ON THE ESTIMATED L.O.D. CONTRACTOR SHALL BE RESPONSIBLE FOR TURF IN ALL AREAS THAT ARE DISTURBED DURING THE CONSTRUCTION PROCESS.
18. CONTRACTOR TO BE RESPONSIBLE FOR WATERING ALL PLANT MATERIALS UNTIL THE TIME THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTIONAL AND ACCEPTANCE OF THE PROJECT HAS TAKEN PLACE. ANY MATERIAL WHICH DIES, OR DEFOLIATES (PRIOR TO ACCEPTANCE OF THE WORK) WILL BE PROMPTLY REMOVED AND REPLACED.
19. THE CONTRACTOR TO COMPLETELY GUARANTEE ALL WORK FOR THE PERIOD SPECIFIED BY THE WARRANTY CHART BELOW BASED ON FINAL ACCEPTANCE.

SOIL SPECIFICATION

ORGANIC COMPOST: WELL DECOMPOSED, STABLE, WEED FREE ORGANIC MATTER SOURCE. IT SHALL BE DERIVED FROM: AGRICULTURE, FOOD, OR INDUSTRIAL RESIDUALS; BIOSOLIDS (TREATED SEWAGE SLUDGE); YARD TRIMMINGS AND LEAF RAKINGS; SOURCE-SEPARATED OR MIXED SOLID WASTE MEETING THE FOLLOWING CRITERIA:
1. 100 PERCENT SHALL PASS THROUGH A 3/8 INCH SCREEN.
2. PH OF 6.0 TO 8.5.
3. MOISTURE CONTENT OF 30% TO 60% BY WEIGHT.
4. NO SUBSTANCES TOXIC TO PLANTS.
5. 1% OR LESS BY WEIGHT MANUFACTURED FOREIGN MATTER.
6. NO OBJECTIONABLE ODOR.
7. SHALL NOT RESEMBLE THE RAW MATERIAL FROM WHICH IT DERIVED.

PLANTING SOIL: A UNIFORM MIX OF, FREE OF PLANT RESIDUE, STONES, STUMPS ROOTS OR SIMILAR OBJECTS LARGER THAN 1 INCH. MIXTURE OF TOPSOIL, ORGANIC COMPOST AND SAND CONSISTING OF THE FOLLOWING:
1. 15% BY VOLUME ORGANIC COMPOST
2. 15% BY VOLUME SAND
3. 70% BY VOLUME TOPSOIL

TOPSOIL: SOIL CLASSIFICATION OF SANDY LOAM OR LOAMY SAND MEETING THE FOLLOWING CRITERIA:
1. 50 TO 85 PERCENT BY WEIGHT SAND (2.0 TO 0.050MM) ACCORDING TO AASHTO T88.
2. 5 TO 50 PERCENT BY WEIGHT SILT (0.050 TO 0.002MM) ACCORDING TO AASHTO T88.
3. 2 TO 5 PERCENT BY WEIGHT CLAY (LESS THAN 0.002MM) ACCORDING TO AASHTO T88.
4. 3 TO 10 PERCENT BY WEIGHT ORGANIC MATTER ACCORDING TO AASHTO T194.
5. TEXTURAL ANALYSIS:
   A. MINIMUM 100% BY WEIGHT PASSING THE 2" SIEVE PER ASTM E11.
   B. MINIMUM 90% BY WEIGHT PASSING THE NO. 4 PER ASTM E11.
   C. MINIMUM 80% BY WEIGHT PASSING THE NO. 10 SIEVE PER ASTM E11.

PLANT WARRANTY CHART

FINAL ACCEPTANCE DATE	DURATION	WARRANTY EXPIRATION
DECEMBER	19 MONTHS	JULY
JANUARY	18 MONTHS	JULY
FEBRUARY	17 MONTHS	JULY
MARCH	16 MONTHS	JULY
APRIL	15 MONTHS	JULY
MAY	14 MONTHS	JULY
JUNE	13 MONTHS	JULY
JULY	12 MONTHS	JULY
AUGUST	12 MONTHS	AUGUST
SEPTEMBER	12 MONTHS	SEPTEMBER
OCTOBER	12 MONTHS	OCTOBER
NOVEMBER	12 MONTHS	NOVEMBER

OLSSON ASSOCIATES ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS (HORIZONTAL OR VERTICAL). THE EXISTING UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

811 Know what's below. Call before you dig.

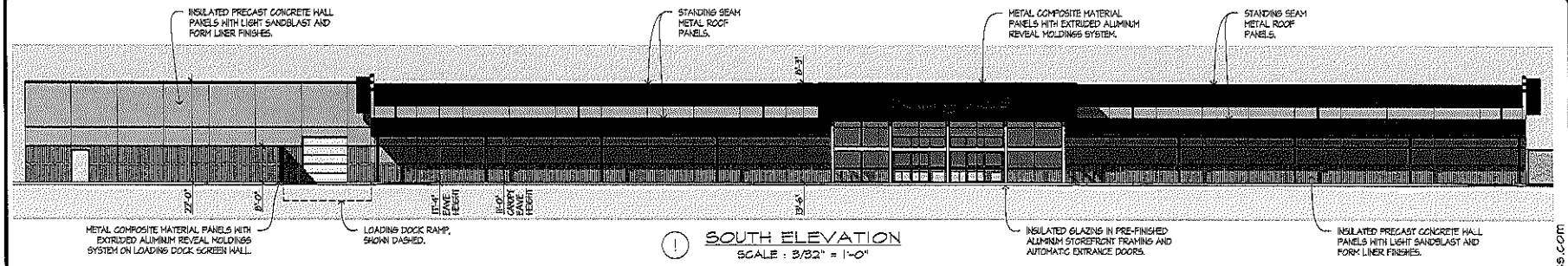
OLSSON ASSOCIATES
7157 Vista Drive
West Des Moines, IA 50266
TEL 515.331.8817
FAX 515.331.0516
OA Project: 015-0301
www.olssonassociates.com

DETAILS

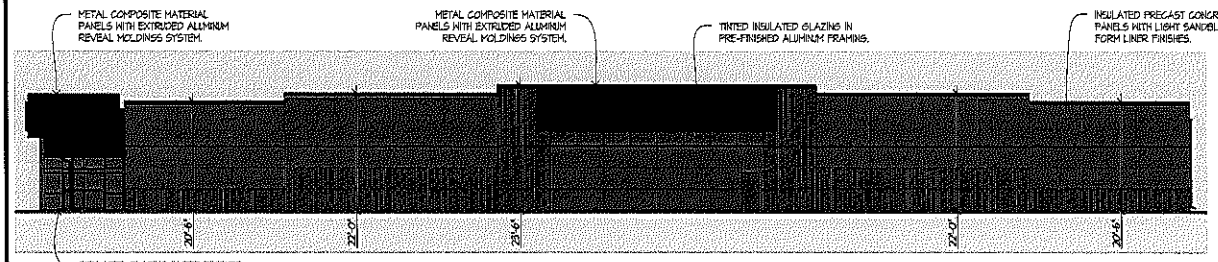
WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

BOMGAARS SUPPLY
2151 SE 11TH STREET
GRIMES, IA

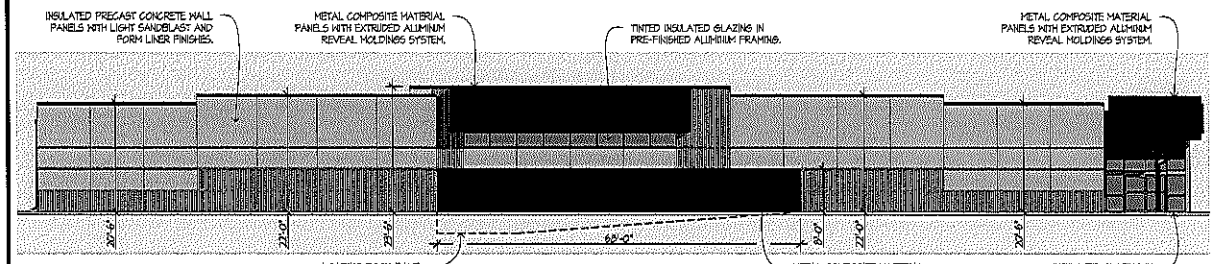
DATE JUNE 26, 2015
PLANS
WCA PROJECT 2015-11
SHEET
L2.0



1 SOUTH ELEVATION
SCALE : 3/32" = 1'-0"



2 EAST ELEVATION
SCALE : 3/32" = 1'-0"



3 WEST ELEVATION
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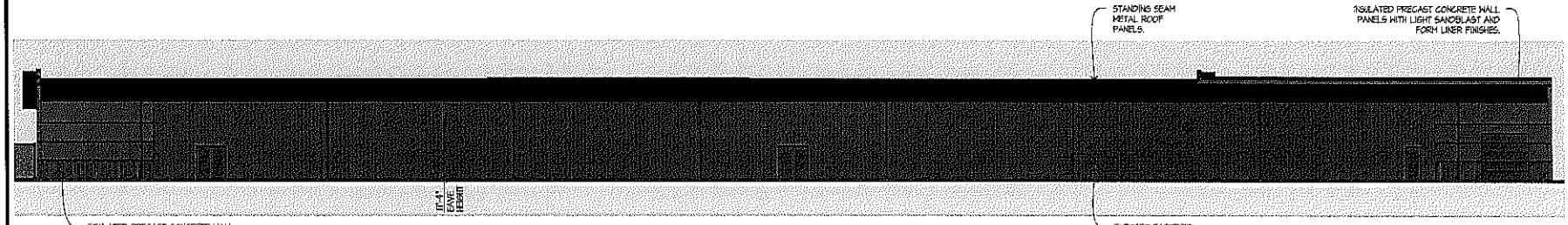
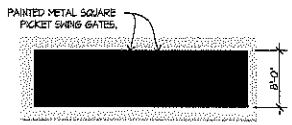
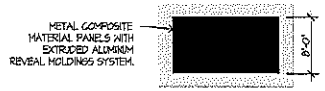


4 NORTH ELEVATION
SCALE : 3/32" = 1'-0"



5 DUMPSTER SCREEN FRONT ELEVATION
SCALE : 1/8" = 1'-0"



6 DUMPSTER SCREEN END ELEVATION
SCALE : 1/8" = 1'-0"

7 DUMPSTER SCREEN REAR ELEVATION
SCALE : 1/8" = 1'-0"

E-Mail: wcarch@hamilton.net Website: www.wca-architects.com

EXTERIOR ELEVATIONS

WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

BOMGAARS SUPPLY
DESTINATION RIDGE
GRIMES, IOWA

DATE
JUNE 5, 2015
PLANS
WCA PROJECT
2015-11

SHEET
A1.3

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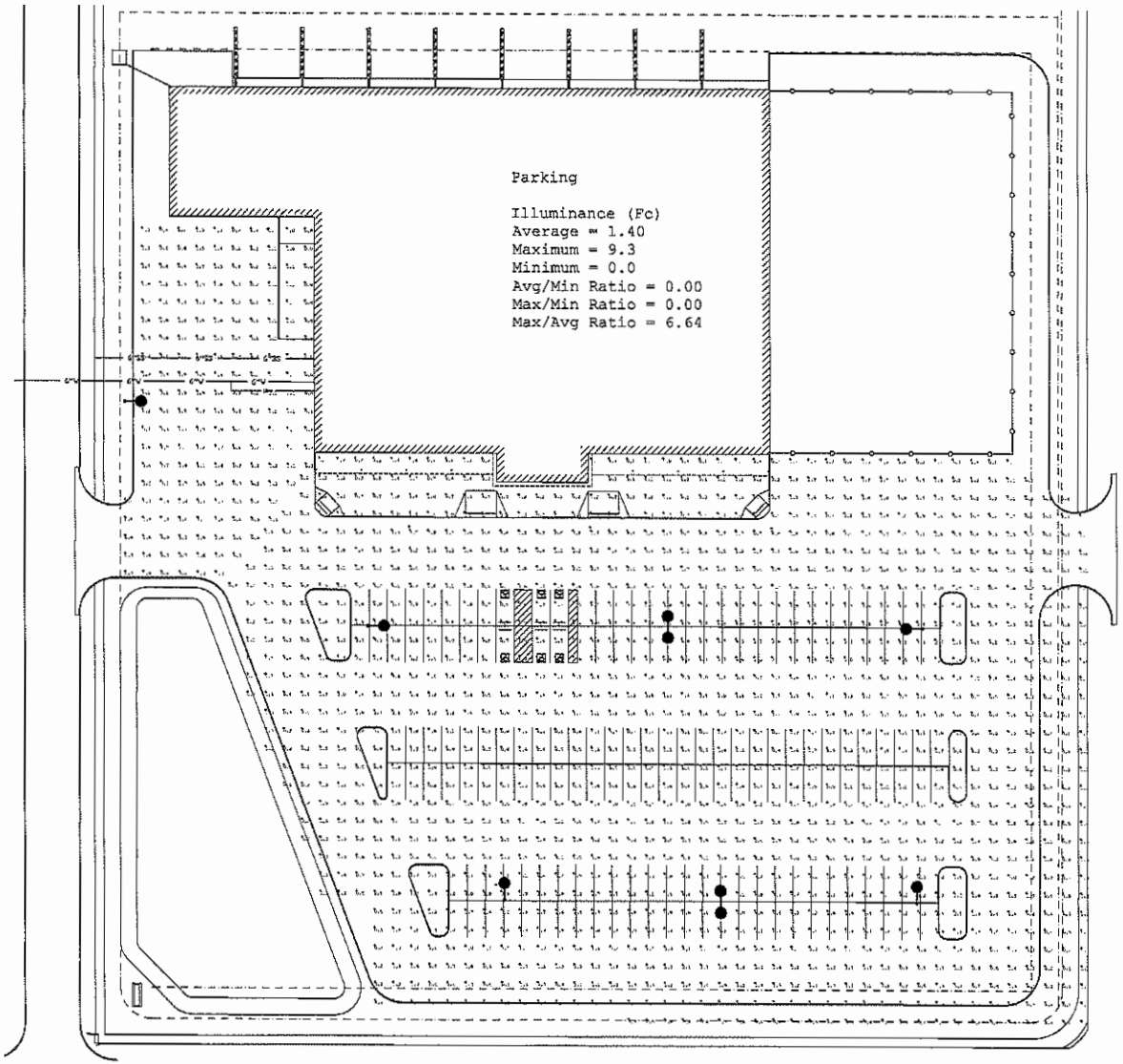
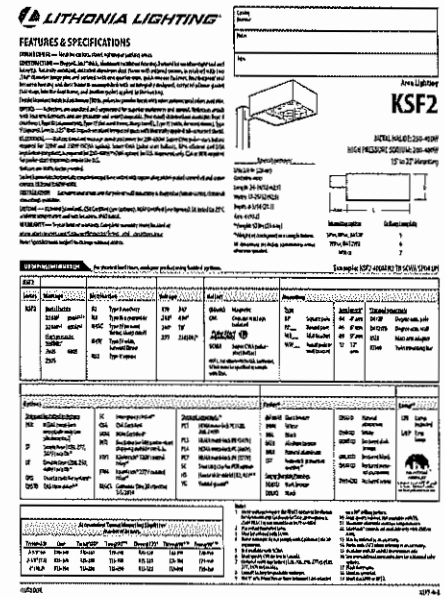


NORTH

ELECTRICAL SITE LIGHTING CALCULATION PLAN

Scale: 1" = 30'-0"



FARRIS ENGINEERING

ELECTRICAL SITE LIGHTING CALCULATION PLAN

WEBB & COMPANY
A·R·C·H·I·T·E·C·T·S
Grand Island Nebraska
Marvin Webb, AIA Architect 308/381-8013

BOMGAARS SUPPLY
SE 11TH STREET &
SE DESTINATION DRIVE
GRIMES, IA

DATE
JUNE 05, 2015

PLANS

MCA PROJECT
XXXX-XX

SHEET
ES.2

FOX engineering

Aspen Business Park | 414 South 17th Street, Suite 107 | Ames, Iowa 50010

June 30, 2015

Isaac Birocci, P.E.
Olsson Associates
7157 Vista Drive
West Des Moines, Iowa 50266

Bomgaars Site Plan
Lot 1 - Destination Ridge Plat 3
FOX Ref No: 8630-04C.248

FOX Engineering has completed the second review of the site plan for the Bomgaars, dated June 29, 2015, and offer the following comments:

General Comments:

1. Please provide the Grimes Standard Notes separated from the other notes provided on the site plan.

Sheet C1.0 – Cover Sheet:

2. Grimes Code requires more parking stalls than is typically required for similar (commercial retail) uses in other communities. FOX recommends requiring 1 stall per 400 sf of gross floor area. This calculation requires 144 parking stalls (in lieu of 716 stalls required by code, 250% of net floor area).

Sheet C2.0 – Existing Conditions and Demolition Plan:

3. A 2' lug is required at the connection at the returns at both access connections to the street. Please increase the lug size from 1-ft to 2-ft.

Sheet C3.0 – Site and Horizontal Control Plan:

4. The Developer has stated that the storage area shown east of the structure will be used for a customer shopping area that will contain farm and ranch outside goods along with a nursery and greenhouse. The Developer has stated that it is their desire to screen the north and east side of the storage area while keeping the south side accessible and visible to the customers. Discussion is necessary as to whether this screening meets city code.

Sheet C4.0 – Grading & Erosion Control Plan:

5. The sidewalks that cross the access drives do not appear to meet ADA guidelines (cross-slopes > 2%). Please revise the sidewalk cross-slopes accordingly.

Sheet C5.0 – Utility Plan:

6. Per Fire Chief:
    a. Please provide two hydrants at the south corners (east and west) of the structure to provide more hydrant coverage of the structure. Please meet the 150-ft radius requirement.
    b. Please provide a Fire Department Connection location (with hydrant within 100-ft of FDC).

Sheets A1.1 and A1.2 – Exterior Views:

7. Discussion is needed in regards to the exterior building material. Please bring pictures and examples of proposed exterior concrete with light sandblast finish to Planning and Zoning Council for review.
8. Please clarify the proposed dye color of the concrete panels.

Storm Water Pollution Prevention Plan:

9. A SWPPP has yet to be submitted. Once it is reviewed, comments will be provided under a separate cover.
10. Please submit a City of Grimes Grading/Certification for Development form.
11. Please submit a NPDES Permit for the grading of this site.

Storm water Management Plan:

12. A storm water management plan has yet to be submitted. Once it has been reviewed, comments will be provided under a separate cover. Note that dry ponds will be required to provide extended detention to meet "Water Quality Treatment (WQv)" requirements.

Post Construction Stormwater Agreement

13. Please submit a post construction stormwater agreement for this development. The agreement should identify all existing and proposed stormwater facilities that require inspections as per the ordinance.

SITE PLAN SUBMITTAL SCHEDULE:

PLANNING & ZONING: July 7, 2015 at 5:30 at the Grimes City Hall

COUNCIL MEETING: July 14, 2015 at 5:30 at the Grimes City Hall

Once all comments are addressed, submittal of 4 full site plans, and 1 copy of all other required documents will be required.

If you have any questions or concerns, please contact John Gade or myself at (515) 233-0000.

FOX ENGINEERING ASSOCIATES, INC.

Mitch Holtz, P.E.

Copy to: Kelley Brown, City of Grimes
Scott Clyce, City of Grimes

101 North Harvey, Grimes, Iowa 50111 515.986.3036 Fax 515.986.3846

ORDINANCE #646

AN ORDINANCE TO AMEND THE GRIMES CODE OF ORDINANCES CHAPTER 108.06 TO PROVIDE FOR THE DECREASE IN THE CHARGE FOR THE COLLECTION OF RECYCLABLE MATERIALS FROM ~~$2.65~~ TO $2.59 EFFECTIVE JULY 01, ~~2014~~ 2015

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF GRIMES, IOWA

SECTION 1. Purpose. The purpose of this ordinance is to amend the Code of Ordinances Chapter 208.06 to provide for the decrease in the charge for the collection of recyclable materials from $2.65 to $2.59

SECTION 2. Amendment.

Grimes Code of Ordinances Section 108.06 shall be amended to read as follows:

C. The monthly charge shall be ~~$2.65~~ to $2.59 effective July 01, ~~2014~~ 2015.

SECTION 3. Repealer. All ordinances or parts of ordinances in conflict with the provisions of these ordinances are hereby repealed.

SECTION 4. Severability Clause. If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision, or part thereof not adjudged invalid or unconstitutional.

SECTION 5. Effective date. This ordinance shall be in effect after its final passage, approval and publication as provided by law.

Passed by the Grimes City Council on June , 2015.

Rochelle Williams, City Clerk

Thomas M. Armstrong, Mayor

CITY OF GRIMES

101 North Harvey, Grimes, Iowa 50111 515.986.3036 Fax 515.986.3846

RESOLUTION 07-0315

EXTENSION OF THE AGREEMENT BETWEEN THE CITY OF JOHNSTON, IOWA AND THE CITY OF GRIMES, IOWA FOR THE SHARING OF ADMINISTRATIVE RESOURCES SUPPORTING FIRE AND RESCUE SERVICES

WHEREAS, the city of Johnston and the City of Grimes provide fire and rescue services through the fire department for their respective communities. The fire departments operate independent of each other with the exception of providing mutual aid and automatic aid under separate agreements, and

WHEREAS, the communities of Johnston and Grimes have experienced tremendous growth and the demands for fire and rescue services has increased significantly. Both departments rely on a combination of full-time and part-time employees to provide fire and rescue services to their community, and

WHEREAS the communities of Johnston and Grimes desire to work together to improve fire and rescue services in each community and improve the efficiency of each department by sharing resources such as administration, personnel, equipment and purchasing, and

WHEREAS on August 13,2013 the communities entered into an agreement pursuant to Chapter 28E of the Code of Iowa to provide for the sharing of administrative resources supporting fire and rescue services,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF JOHNSTON, IOWA, that:

Resolution #15-182 is adopted which approves for an extension of the August 2013 agreement for 90 days (until October 1,2015) while leaders from each community work to negotiate a new agreement between the cities of Johnston and Grimes for the Sharing of Resources Supporting Fire and Rescue Services.

PASSED AND APPROVED this July 14, 2015.

ATTEST:

Thomas M. Armstrong, Mayor

Rochelle Williams, City Clerk