

Agenda

Notice of Meeting

Polk City | City Council

August 8, 2016 | 6:30 pm

City Hall | Council Chambers

Broadcast live at www.polkcityia.gov/page/LiveStream

Tentative Meeting Agenda

Jason Morse | Mayor

Ron Anderson | Pro Tem

City Council Members: Robert Mordini | Robert Sarchet | Dan Lane | David Dvorak

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. **Public Comments:** This is the time and place for comments for any item other than those that are a Public Hearing. If you wish to speak, please come to the podium and state your name and address for the record. You are requested to keep your comments to five minutes.
5. Consent Items

Action Items

1. Consider motion to approve the City Council Meeting Minutes for July 25, 2016
2. Consider motion to receive and file the Parks Commission Minutes for August 1, 2016
3. Consider motion to approve the August 8, 2016 Claims
4. Consider motion to receive and file the meeting minutes for the Arts Council from February 11, April 7, and May 12, 2016
5. Consider motion to accept Kay Gettler resignation from the Arts Council effective immediately
6. Consider motion to approve termination of Firefighter Andrew Ware effective July 28, 2016
7. Consider motion to approve hiring Tyler Hardenbrook for part time/POC Firefighter/Paramedic at \$15.45 per hour
8. Consider motion to approve hiring James McClintic for part time/POC Firefighter/Paramedic at \$15.45 per hour
9. Consider motion to approve the Temporary Site Plan for the block party event at Winding Creek Circle September 4 noon to 10 pm with approval from Fire, Police and Public Works
10. Consider motion to receive and file June 2016 Library Meeting Minutes
11. Consider motion to receive and file July 2016 Library Stats Report
12. Consider motion to approve North Polk United Soccer utilizing baseball and softball outfields and Davis St. open area for Fall practices and games with Parks Commission and Little League consent
13. Consider motion to approve installation of meandering mulch path at Lakeside Linear Park
14. Consider motion to approve Resolution 2016-70 approving Snyder & Associates June 2016 invoice in the amount of \$23,548.61
15. Consider motion to receive and file the July 2016 Police Report and Stats
16. Consider motion to receive and file the July 2016 Water Report

6. New Business

Action Items

1. Public Hearing for Sender's Construction LLC, rezoning the property located at 104 S 3rd. Street, formerly known as 302 W. Broadway (the Broken Arrow Center) from Central Business District (C-1) to Town Square Business District (C-TS)
 - a. Consider motion to approve the first reading of Ordinance 2016-2400 rezoning 104 S. 3rd Street from C-1 to C-TS

- b. (optional) Consider motion to waive the second and third reading of Ordinance 2016-2400
 2. Consider motion to approve Resolution 2016-71 approving Lost Lake Estates Plat 3 Construction Drawings
 3. Consider motion to approve Resolution 2016-72 approving Lost Lake Estates Plat 4 Construction Drawings
 4. Consider motion to approve the first reading of Ordinance 2016-2300 Stop Yield and No Parking
 - a. (*Optional*) Consider motion to waive the second and third reading Ordinance 2016-2300
 5. Consider motion to approve the architectural proposal for updating the Police building facilities not to exceed the amount of \$15,000
 6. Consider motion to approve replacing the heating and cooling unit in the Police Department in the amount of \$6,550 that was budgeted for FY 16/17
7. Mayor's Report
8. Council Report
 1. Dan Lane
 2. David Dvorak
 3. Rob Mordini
 4. Robert Sarchet
 5. Ron Anderson
9. Council Discussion
10. City Administrator's Report
11. City Staff Reports
 1. Attorney's Report
 2. Engineer's Report
 3. Public Works Department Report
 4. Technology and Innovation Report
 5. Finance Report
 6. Fire Department Report
 7. Police Department Report | Memos
 8. Library Report
 9. Citizen Liaison Report
12. Adjourn until August 22, 2016

MEETING MINUTES
The City of Polk City
City Council Meeting
6:30 p.m., Monday, July 25, 2016
City Hall

Polk City, City Council held a meeting at 6:30 p.m., on July 25, 2016. The Agenda was posted at the City Hall office as required by law. **These tentative minutes reflect all action taken at the meeting.**

<p><u>Mayor and City Council Members Present:</u> Jason Morse Mayor Ron Anderson Pro Tem Rob Mordini City Council Member Robert Sarchet City Council Member Dan Lane City Council Member Dave Dvorak City Council Member</p> <p><u>Citizen Liaison Absent:</u> Ken Thornton Citizen Liaison</p>	<p><u>Staff Members Present:</u> Lindsey Huber Assistant City Administrator & Finance Director Jenny Gibbons City Clerk Amy Beattie City Attorney Kathleen Connor City Engineering Representative Mike Schulte Public Works Director Trace Kendig Police Chief Kim Kellogg Library Director Dan Gubbins Fire Chief</p> <p><u>Staff Members Absent:</u> Gary Mahannah City Administrator Jake Schreier Technology Director</p>
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1. **Call to Order** / Mayor Morse called the meeting to order at 6:30 p.m.
2. **Roll Call** / Mordini, Sarchet, Anderson, Lane, Dvorak | In attendance
3. **Approval of Agenda**
MOTION: A motion was made by Anderson and seconded by Lane to approve the meeting agenda
MOTION CARRIED UNANIMOUSLY
4. **Public Comments** / None
5. **Consent Agenda Items**
MOTION: A motion was made by Dvorak and seconded by Sarchet to approve the consent agenda items.
 1. Consider motion to approve the City Council Meeting Minutes for July 11, 2016
 2. Consider motion to receive and file the P&Z Commission Minutes for July 18, 2016
 3. Consider motion to approve the July 25, 2016 Claims
 4. Consider motion to approve the June 2016 Financial Report
 5. Consider motion to approve Temporary Site Plan for Maple Drive Event; Thursday July 28, 2016 6:30 pm to 9 pm
 6. Consider motion to approve appointing Firefighter/EMT Ross Frank to Lieutenant at an hourly wage of \$13.59**MOTION CARRIED UNANIMOUSLY**
6. **New Business**
 1. *MOTION:* A motion was made by Anderson and seconded by Sarchet to approve Resolution 2016-66 setting a Public Hearing on April 8, 2016 for rezoning property located at 104 S 3rd St, (formerly known as 302 W. Broadway, the Broken Arrow Center) from C-1 Central Business District to C-TS Town Square Business District
MOTION CARRIED UNANIMOUSLY
 2. *MOTION:* A motion was made by Sarchet and seconded by Dvorak to approve Resolution 2016-67 approving Fredregill Funeral Home Site Plan including Lot Tie Agreement and Petition and Waiver for Sidewalks
MOTION CARRIED UNANIMOUSLY
 3. *MOTION:* A motion was made by Mordini and seconded by Lane to approve Resolution 2016-68 approving Lake Ridge Heights preliminary plat located on 35.9 acres south of Polk City and within two miles of Polk city's Corporate Limits
MOTION CARRIED UNANIMOUSLY
 4. *MOTION:* A motion was made by Lane and seconded by Dvorak to approve Resolution 2016-69 approving application for partial payment #8 (final – retention release) for the Washington and Booth Reconstruction Project in the amount of \$53,033.33

MOTION CARRIED UNANIMOUSLY

7. **Mayor Report** | Mayor Morse provided a recap of the Four Season's Festival and thanked Council and Staff for being there and helping to make the event successful. 320+ runners entered the race and over 60 applicants attended the car show. Both Friday and Saturday were busy from beginning to end and what struck Mayor the most was how happy everyone genuinely was and is with Polk City as a whole. Mayor also stated how proud he is of our City and cited the article in the Des Moines Register recently identifying Polk City as one of the nine most beautiful Town Squares in Iowa.
8. **Council Report**
- Anderson had several people say how family friendly the race was at the Festival and also had several compliments on the Car Show. Anderson spoke with Pine Ridge resident Dennis Goering regarding the development sign and location looking for a compromise that is suitable for everyone and legally complies with SUDAS
 - Lane reported on the latest MWA meeting and said that comingling has been put on hold for three years and Compost-It will continue. Lane brought up the Council's idea for a Bike Repair Station at the MPO meeting and it was well received, they provided suggestions regarding the best pumps and estimate the project costing around \$1200
 - Dvorak thanked all the volunteers, Police, Fire, Public Works and City Staff for their hard work on the festival
 - Mordini requested Public Works add a no parking here to corner sign on Davis
 - Sarchet spoke with Tree Board President Ken Morse regarding the 2 trees that need to be removed prior to the Square Playground renovations and also identified another tree on the square that needs removed. Sarchet has requested the Tree Board develop a plan to protect the remaining trees on the Square going forward to include in the Budget discussions. Sarchet also requested the City notify the developers in town to comply with our City's mowing/weed ordinances
9. **Council Discussion** | No discussion
10. **City Administrator Report** | None
11. **City Reports**
- Kathleen Connor, City Engineering Representative provided the finalized copies of the approved Comprehensive Plan. Connor also discussed Snyder Engineering's memo regarding the Pine Ridge Island
 - Lindsey Huber, Assistant City Administrator and Finance Director provided updated pages for the 2016 City Official Handbook
 - Trace Kendig, Police Chief reported on the 10 burglaries currently under investigation. Kendig also stated that Officer Tanner Rickertsen will be voluntarily attending a training session with the Des Moines Police Department under the Intergovernmental 28E Agreement with Metropolitan Advisory Council (MAC) for Homeland Security
 - Mordini discussed his recent visit to the Police Department and wanted to relay how impressed he was with Chief Kendig's focus on Polk City as a whole and not just the PD. Mordini said he has some ideas on the recent crimes along with improvements needed for evidence integrity and storage.

12. **Adjournment**

MOTION: A motion was made by Anderson and seconded by Lane to adjourn at 7:22 p.m.

MOTION CARRIED UNANIMOUSLY

Next Meeting Date – Monday, August 8, 2016

Jason Morse, Mayor

Attest:

Jenny Gibbons, City Clerk

MEETING MINUTES
The City of Polk City
Parks Commission
6:00 p.m., Monday August 1, 2016
City Hall

Polk City, Parks Commission held a meeting at 6:00 p.m., on August 1, 2016. The Agenda was posted at the City Hall office as required by law. **These tentative minutes reflect all action taken at the meeting.**

<p><u>Parks Commission Members Present:</u> Josh Reed Pro Tem (Acting Chair) Bob Fourez Parks Commission Member Andy Johnson Parks Commission Member Kelley Haaland Parks Commission Member Sam Hill Parks Commission Member</p> <p><u>Parks Commission Members Absent:</u> Audrey Bell Chair David Hiatt Parks Commission Member</p> <p><u>Additional Attendees:</u> David Dvorak City Council Liaison</p>	<p><u>Staff Members Present:</u> Jenny Gibbons City Clerk</p>
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1. **Call to Order** | Acting Chair Reed called the meeting to order at 6:01 p.m.
2. **Roll Call** | Fourez, Reed, Johnson, Haaland, Hill | In attendance
 Chair Bell, Hiatt | Absent
3. **Approval of Minutes**
MOTION: A motion was made by Hill and seconded by Haaland to approve the July 5, 2016 Meeting Minutes
MOTION CARRIED UNANIMOUSLY
4. **Audience Items** | No discussion
5. **New Business**
 - a. **MOTION:** A motion was made by Johnson and seconded by Fourez to recommend Council approve North Polk United Soccer utilizing the baseball and softball outfields at the Sports Complex and the Davis St. open area for Fall practices and games with the consent from Little League
MOTION CARRIED UNANIMOUSLY
 - b. **MOTION:** A motion was made by Johnson and seconded by Haaland to recommend Council approve installation of meandering mulch path at Lakeside Linear Park
MOTION CARRIED UNANIMOUSLY
 - c. **MOTION:** A motion was made by Hill and seconded by Fourez to reschedule September Parks meeting to Tuesday the 6th due to Labor Day
MOTION CARRIED UNANIMOUSLY
6. **Tree Board Liaison Report** | No report
7. **Council Liaison Report** | Councilman Dvorak shared the link to the Des Moines Register article siting Polk City as one of the 9 prettiest Town Squares in Iowa.

8. **Staff Report** | No Report

9. **Public Works Report** | No Report

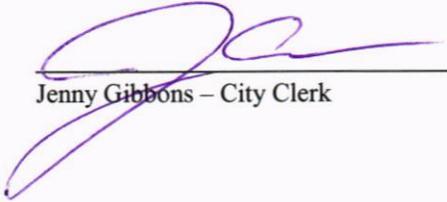
10. **Commission Report** | Haaland asked the Commission for direction on the proposed Survey to residents for Park Amenities and activities. Haaland will draft a list of questions/answers and forward to the Commission for further review and discussion

11. **Adjournment**

MOTION: A motion was made by Hill and seconded by Johnson to adjourn at 6:32 p.m.

MOTION CARRIED UNANIMOUSLY

Next Meeting Date – TUESDAY, September 6, 2016 at the Lost Lake Park



Jenny Gibbons – City Clerk

CLAIMS REPORT

The City of Polk City

For 8/8/2016

DEPARTMENT	VENDOR	EXPENSE TYPE	AMOUNT
ALL DEPT	FIRST BANKCARD	CITY CREDIT CARD	\$6,565.50
ALL DEPT	STAPLES	CITY CREDIT CARD	\$1,129.87
CH	ALLIANCE CONNECT	WEB HOSTING	\$29.99
CH	AUREON TECHNOLOGY	SERVER INSTALL-FINAL PAYMENT	\$10,209.20
CH	BRAVO GREATER DES MOINES	28E AGREEMENT 6-30-16	\$4,000.00
CH	BRICK LAW FIRM	LEGAL SERVICES	\$5,458.44
CH	CENTURY LINK	PHONE SERVICE	\$32.26
CH	CRYSTAL CLEAR WATER CO	PURCHASED WATER	\$30.00
CH	I.M.W.C.A.	WORKERS COMP INSURANCE	\$6,158.00
CH	MEDIACOM	INTERNET SERVICE	\$69.95
CH	P & M APPAREL	SHIRTS	\$518.60
FD	RACOM	EDACS ACCESS	\$1,316.00
LIB	MICROMARKETING, LLC	BOOKS ON TAPE	\$35.00
LIB	OVERDRIVE INC	FY17 BRIDGES E-BOOK	\$549.62
LIB	STATE LIBRARY OF IOWA	FY17 OCLC CATEXPRESS SUBSCRIP.	\$175.00
LIB	STATE OF IOWA	FY17 EBSCO HOST	\$195.90
LIB	TREASURER OF STATE	LRC LEADERSHIP TRAINING	\$75.00
PD	ANKENY ACE HARDWARE	PAINT SUPPLIES-CHIEF'S OFFICE	\$72.43
PD	BUSINESS FURNITURE WAREHOUSE	FURNITURE-POLICE CHIEF OFFICE	\$1,508.00
PD	CARPENTER UNIFORM CO.	PANTS-BJORNSON	\$109.23
PD	I.A.P.E.	EVIDENCE TECH TRAINING	\$375.00
PD	IACP NET	ANNUAL ACCESS DUES	\$275.00
PD	NELSON AUTOMOTIVE	REPAIR PARTS	\$46.45
PD	RANGEMASTERS TRAINING CENTER	SHOOTING RANGE/SUPPLIES	\$998.97
PD	T-MOBILE	PHONE SERVICE	\$95.65
PW	ADVENTURE LIGHTING	ADAPTERS	\$576.48
PW	ANKENY SANITATION	TRASH PICKUP	\$415.63
PW	ARNOLD MOTOR SUPPLY	REPLACEMENT REGULATOR	\$225.95
PW	CALHOUN-BURNS & ASSOCIATES INC	BRIDGE INSPECTION	\$593.00
PW	CAPITAL SANITARY SUPPLY	CLEANING SUPPLIES	\$96.50
PW	CENTRAL SALT, LLC	ROAD SALT	\$13,931.52
PW	CITY OF DES MOINES	WRA	\$26,170.40
PW	CTI READY MIX LLC	IRON LAGOON	\$282.20
PW	D & K PRODUCTS	GLYPHOSATE	\$321.92
PW	HOTSY CLEANING SYSTEMS INC.		\$34.90
PW	KLEEN SWEEP SERVICES INC	CLEANING SERVICE	\$1,042.50
PW	METRO WASTE AUTHORITY	CURB IT RECYCLING	\$7,638.63
PW	SAFETY KLEEN SYSTEMS INC	MAINTENANCE PARTS WASHER	\$137.66
PW	TOTAL QUALITY INC.	LAWNCARE	\$5,334.00
PW	TOYNE INC	PUMP TESTING AND MAINT.	\$1,384.25
PW	WRIGHT EXPRESS FLEET SERVICES	FUEL	\$568.63
PW	MENARD'S	CITY CREDIT CARD	\$1,038.91
SUMMER REC	AIR LANES	SUMMER REC - BOWLING	\$408.00
SUMMER REC	NORWALK EASTER PUBLIC LIBRARY	BOOK REPLACEMENT	\$13.00
WATER	DES MOINES WATER WORKS	PURCHASED WATER	\$26,969.64
TOTAL			\$127,212.78

ALL DEPT	\$7,695.37
CH	\$26,506.44
FD	\$1,316.00
LIB	\$1,030.52
PD	\$3,480.73
PW	\$59,793.08
SUMMER REC	\$421.00
WATER	\$26,969.64

TOTAL

\$127,212.78

Polk City Arts Council Meeting
April 7, 2016
5:00 pm at the Miller Park Shelter House

Present:

Bob Miller, Suzanne Wille, Kay Gettler, Matt Volesky, Shari Miller

Call to Order:

Meeting was called to order by Bob Miller at 5:07 pm.

Minutes:

Kay moved to approve the minutes from the last meeting. Suzanne seconded. Motion carried.

Updates:

- The Library Board opted not to put up the display system due to a sense that they did not have enough staff to manage the system. Discussion followed about other areas for a potential location with a consideration of the community center as a central location - and perhaps the possibility of finding businesses to sponsor art exhibits in that area.
- There was a discussion about the desire to involve the community more - and about the possibility of becoming a 501(c)3 to "split" the connection with the City of Polk City. More grant opportunities are available with that classification.
- Photography show is this Saturday, April 9th. An update from Barbara Potthast about participants was offered. With one cancellation there will be six local photographers, five student photographers, and someone who does digital art on fabric. We discussed Barb's question about having a Best of Show. Consensus was not to have it be a competition. If we do a photo show again, we might want to be sure that all the participants are notified about having examples in the library's display case.
- Four Seasons Festival Art Show: applications are in. All of last year's participants were grandfathered in. Next year, it might be good to have a registration fee in order to have a greater sense of commitment from the artists. Time was spent going through all the applications to decide who should be invited. Suzanne will be in contact with exhibitors & will eventually send out information about set-up & tear down procedures and with the newly

changed times: 3:00-8:00 Friday & 8:30-7:30 Saturday. We will eventually need some volunteers to sit with the sign-in/interest sheets at the event and to help deliver signs to businesses for publicity ahead of time. Artists will have a chance to fill out a suggestion sheet at the end for feedback. Artists will have table layouts ahead of time. Suzanne brought up the idea again of having a display of artwork from students in the school district & will coordinate with Matt. It was decided that we would start with a goal of getting 20 pieces (12x18 or smaller) from the high school this year - and reevaluate afterward to talk about the possibility of including the middle & elementary schools in future years.

Other Business:

- Other PCAC events: beyond the Photo Show & Four Seasons Art Festival, we don't have any other events scheduled at the moment. It was thought that it would be good to have a fall event as well as a winter one & perhaps a late winter/early spring. Options discussed included: author readings, an evening of holiday music (separate from the square lighting), a group from the DM Playhouse to reenact radio shows.
- The Board discussed the possibility of opening the last 30 minutes of meetings up to the public who might be interested in becoming involved as a volunteer with art events. It was decided to add this topic to next meeting's agenda. Shari will contact Polk City Square & the City about announcing the meetings at least a week ahead of time.
- PCAC needs to make a decision on whether or not to pursue the 501(c)3. Suzanne suggested we have someone knowledgeable of 501(c)3 programs come talk to the Board about the benefits/disadvantages of going in that direction.

Next Meeting:

Thursday, May 12th, 5:00 pm, at the Miller Park Shelter House again.

Adjournment:

Kay made a motion to adjourn the meeting at 6:47 pm.

Minutes respectfully submitted by Shari Miller

Polk City Arts Council Meeting
May 12, 2016
5:00 pm at the Miller Park Shelter House

Present:

Bob Miller, Suzanne Wille, Kay Gettler, Matt Volesky, Shari Miller

Call to Order:

Meeting was called to order by Bob Miller at 5:04 pm.

Minutes: Kay moved to approve the minutes from the last meeting. Suzanne seconded. Motion carried.

Updates:

- **Review of Photography Art Show:** Library gave us a set of copies of all the places where they had advertised for the show. Thoughts for next year were discussed. It would be helpful to be able to get in the day before to set up. A different layout might be good so that all people can be seen well.
- **Four Seasons Festival Art Show:**
23 artists are participating as of today. Suzanne & Kay have compiled a master list of artists who have participated in the past, are participating this year, or may want to participate in the future.

Suzanne met with John Calhoun to discuss the tents. Layout will be changed. 40x40 square with a hallway that leads to a 20x30. A map for artists will be sent out before the event. We will be using frameless tents that have sides that can come down.

Information sheets will be sent out to artists with expectations & guidelines. Show hours have been updated: Friday, 3pm-6pm (requested to stay until 8pm) & Saturday, 9am-8pm (requested 10am-5pm). Parking - Set up from 1-2:30pm. All vehicles moved from the square by 2:30pm. Official name badges for artists. Open up the space for high school art. Put an open invitation in publications sent out to students. Suzanne will send blurb to Shari to send out to high school areas.

An idea for a scavenger hunt was proposed in order to get people to visit each artist's booth. Artists would donate items for the final drawings.

An idea for musicians to be in the tents in between times of the talent show & bands was also proposed. Kay will reach out to Lincoln Street Music as a possibility.

The idea of a Four Seasons Art Festival poster contest for 2017 was discussed. Information given out at this year's festival. Kay made a motion to go ahead with the contest idea. Matt seconded. Motion carried.

PCAC needs a promo piece. Shari will write up something by end of May. What to include: this is what we do, these are the events we have done, bullet points, social media. Bob will send Shari ideas/insight to include.

Kay & Suzanne will each have shirts as "staff" for Arts Festival. Polk City Arts Council needs to have their own shirts as well for events. Suzanne will talk to people at P&M.

John will try to get fans for the tents, but after discussion about purchasing fans, Kay made a motion to purchase three industrial sized fans for the Arts Festival. Shari seconded. Motion carried.

Other Business:

- Community Gallery: Bob had a phone conversation with City Manager Gary Mahanna about the idea of having community space for artist exhibitions. The hanging system could be installed there. He seemed open to the idea, and Bob plans to meet with him soon to continue the conversation.
- DM Playhouse possibility: Bob reached out to the DM Playhouse but has not made contact yet. PCAC is interested in knowing if the DM Playhouse would be willing to do something for PC.
- Storytelling: Fall time - as an option around Halloween time - seems fitting. Bob will pursue this.
- Spring ideas: A craft show for those who crochet? A spring market? Pinterest type festival? Up-cycling?
- There has been talk in the community about a possibility of putting a group of craft sellers at the Four Seasons Festival.
- Public Art: Broken Arrow building is sold & will be torn down. Middle building to be rebuilt. A public plaza on that corner. Public art to be going there. We need to consider other places.
- Other events? Pecha Kucha. Film festivals - short films. Community talent show/musical talent show.

Next Meeting: Wednesday, June 22nd, 5:00 pm at Suzanne's place

Adjournment: Meeting was adjourned at 6:48 pm.

Minutes respectfully submitted by Shari Miller

Polk City Arts Council Meeting
Thursday February 11, 2016
7:00 PM
Miller Park Shelter House

Board Members Present:

Chair: Bob Miller
Suzanne Wille
Shari Miller
Matt Volesky

Also present:

Mayor Jason Morse

Meeting called to order:

Bob Miller

Welcome New Arts Council Member:

Shari Miller
Matt Volesky

Mayor Jason Morse spoke to members:

Mayor Morse welcomed the new council members and explained the terms, appointments, and opportunities in Polk City to expand our arts community. He also thanked everyone for volunteering and being part of the arts council. We discussed the following items:

- Hotel Tax
- BRAVO
- Greater Des Moines Partnership
- Board Events
- Grants
- Consider 501C Option breaking away from city umbrella
- Communication is key
- Budget \$4,500.00
- Board Events
- Grants- we need to do research especially if going forward with 501C
- Minutes to city of Polk City after each meeting.

New Member Packets:

Bob Miller distributed the new member packets to the new members Shari Miller and Matt Volesky. Bob Miller gives background on Polk City Arts Council and how it was started. Bob Miller spoke about how it started and the vision of the Polk City Arts Council when it started. It was started to bring more arts to Polk City, public, and private. To also get the Polk City community to get more involved in the arts and more engaged. How it is a social equalizer for kids to seniors to be part of the arts in Polk City. How it should bring local talent in all art forms, active leadership and public art.

**Bob motioned approval on last meetings minutes.
Shari approved**

Secretary Election:

Bob Miller read the duties of the Secretary to include:

- Minutes
- Available for meetings
- Getting minutes to Polk City, City Hall

Matt Volesky nominates Shari Miller.

Vote is unanimous Shari Miller is voted in as new Secretary of Polk City Arts Council.

Suzanne Wille Polk City Arts Council website, blog, email, social media, and logo:

Suzanne Wille gives group info on new website, blog, logo and Polk City Arts Council members emails. Website and blog is up and running. Suzanne Wille explained and asked members to help with the following:

- Content for blog and social media.
- Emails, passwords, how to use info handed out.
- Events we may want to promote via website, social media.

Four Seasons Arts Festival:

Suzanne Wille updated the council members on the upcoming arts festival. Suzanne Wille discussed the following:

- Use of Social Media to recruit artists
- Deadlines for applications and sample work from artists
- Next meeting to accept new artist or not
- Promotion help
- Volunteers
- Possible art contest for students at local schools to be displayed at festival
- Matt Volesky to help with student display and review if decided to do this at this years festival.
- Road map of items to be done prior to festival.

Prior Events:

Bob Miller touched on the prior events we had last year such as arts festival, orchestra, and ghost stories.

Photography Show April 9th, 2016

Bob Miller gave an update on the show.

Display System for library:

Bob Miller handed out information in the system and the proposal to pay half of the system with friends of the library or all of the system. Bob Miller will be meeting with the library to see how we move forward.

Other Business:

All members agree we need to organize, promote or sponsor more art events such as story telling, music, theater, and to include all of the arts. We agreed to have discussion at next meeting with further ideas on this idea.

Next Meeting:

Shelter House at Miller Park

April 7th, 2016

7:00 PM

A motion was made to adjourn the meeting, seconded and passed. Meeting adjourned.

Meeting adjourned 9:00 pm

Respectfully submitted,

Suzanne Wille

Polk City Arts Council

July 26, 2016

To whom it may concern:

I am resigning my seat on the PCAC effective immediately. I have enjoyed my time on the Council but now need to concentrate on myself and my family.

Kay Gettler

A handwritten signature in cursive script that reads "Kay Gettler". The signature is written in dark ink and is positioned below the printed name.



Polk City Fire Department



309 West Van Dorn Street • P.O. Box 34
Polk City, Iowa 50226
Phone 515-984-6304 Fax 515-984-6792
www.polkcityfd.com

July 30th, 2016

To: City Council
Cc: Mayor Morse, Gary Mahannah
From: Dan Gubbins, Fire Chief
Re: Fire Department Staff Update

- Firefighter Andrew Ware has been terminated from the Fire Department effective 7/28/2016.
- Conditional employment has been offered to Tyler Hardenbrook for the position of part time/POC Firefighter/Paramedic at \$15.45 per hour. Tyler is a full time Paramedic for Dallas County EMS.
- Conditional employment has been offered to James McClintic for the position of part time/POC Firefighter/Paramedic at \$15.45 per hour. James is a full time Firefighter/Paramedic for the City of Waukee.

Thanks,

A handwritten signature in black ink that reads "Dan Gubbins".

Dan Gubbins
Fire Chief

Polk City Fire Department Member Application

Personal:

Name: Hardenbrook Tyler Jacob Date: 7-12-16
Last First Middle

Address: (Number & Street) 601 SE 2nd St
 (City, State, Zip Code) Grimes, IA 50111

Daytime Phone Number: 641-521-8824 Evening Phone Number: 641-521-8824

Desired start date: Any E-mail Address: thmedic12@gmail.com

Social Security Number: XXXXXXXXXX Are you over 18 years old? Yes No

Education:

School	Years Completed (circle one)	Diploma/Degree Earned	List School(s), City/State
High School	1 2 3 4	Diploma: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No G.E.D.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Newton Senior High School Newton, IA
College and/or Vocational School	1 2 3 4	Fire/EMS Certifications	ITCC - Ottumwa, IA Dmac - Newton, IA Mercy College - Des Moines, IA
Other Training or Degrees	N/A	N/A	N/A

Fire Certification (If you are not certified, please leave blank):

Attach Copy of All Certification(s)

Type of Certification(s) Held: Firefighter 1 ? Haz Mat Ops

Professional Membership(s): _____

EMS Certification (If you are not certified, please leave blank):

Attach Copy of All Certification(s)

Type of Certification(s) Held: NREMT - Paramedic

Iowa Certification Number: Pm-17-123-09 Expiration Date: March '18

Professional Membership(s): _____

Record of Conviction:

Have you ever been convicted of a crime other than minor traffic offense? ___ Yes No

If yes, fully explain: _____

(A conviction will not necessarily automatically disqualify you for membership. Rather, such factors as age and date of conviction, seriousness and nature of the crime, and rehabilitation will be considered).

Employment:

Please list employment history, with your current employer first (including U.S. Military Service), for the last 10 years. If any employment was under a different name, indicate name.

Employer: Dallas County Ems Position: Paramedic
Address: 512 10th st Perry, IA 50220
Telephone: 515-465-3596 Dates of Employment: From April '14 To Present
(Mo/Yr) (Mo/Yr)
Supervisor: Mike Thomason Department: Ems
(Circle one) FT PT No. of Hrs. per Week: 48-72
Duties: All duties outlined in the job of a Paramedic.
Reason for Leaving: Still employed

Employer: Fraser Ambulance Position: Paramedic
Address: 4790 NE 3rd st Des Moines, IA 50313
Telephone: 515-284-1111 Dates of Employment: From Sept '12 To Present
(Mo/Yr) (Mo/Yr)
Supervisor: James Morgan Department: Ambulance
(Circle one) FT PT No. of Hrs. per Week: 12-24
Duties: All duties outlined in the job of a Paramedic
Reason for Leaving: Still employed

Employer: Newton Fire Dept. Position: FF/Paramedic
Address: 410 S 2nd Ave W Newton, IA 50208
Telephone: 641-792-3347 Dates of Employment: From Sept '09 To Dec '15
(Mo/Yr) (Mo/Yr)
Supervisor: Jarrod Wellik Department: Fire and EMS
(Circle one) FT PT No. of Hrs. per Week: 12-20
Duties: All duties outlined in the job of a FF/Paramedic
Reason for Leaving: Relocated to Grimes, IA

Explain any gaps in work history: _____

Have you ever been discharged or asked to resign from a job, or resigned to avoid termination?

___ Yes No If yes, explain: _____

Have you ever been an applicant or member of any fire or rescue agency? Yes ___ No

If so, please state agency name, location, contact information, and dates of membership Newton FD,
Newton, IA, 641-792-3347, Sept. '08 - Dec '15. Chief Jarrod Wellik

Please describe any additional work experience, volunteering, community involvement, or training: _____

I possess almost 8 years experience in fire/EMS services. I
have worked for both public and private services and also have
experience with interagency transfers and fire ground ops, along
with operation of fire equipment. 4+ years of my experience
have been spent as a paramedic and I currently serve as
union president at DC EMS. I was also a member of FFA
in high school and helped with habitat for humanity while
in paramedic school.

References:

Name: Tim Cory Phone: 515-210-9501

Address: 705 Roosevelt st Polk City, IA Relation: Previous Co-worker

Name: Bobby Hamilton Phone: 515-240-8045

Address: 365 Williamson Ct Pleasant Hill, IA Relation: Co-worker

Name: Malli Loyd Phone: 515-490-0564

Address: 2225 E Ave Perry, IA 5000 Relation: Co-worker

Applicant's Certification and Agreement

- ▶ I hereby certify that the facts set forth in the above application are true and complete to the best of my knowledge. I authorize the Polk City Fire Department, its Officers, and or the City of Polk City to verify their accuracy and to obtain reference information by contacting educational institutions, references or employers, and to rely on and use such information as they see fit.
- ▶ I hereby release the Polk City Fire Department, its Officers, members, and the City of Polk City from any/all liability of whatever kind and nature that, at any time, could result from obtaining and having a membership decision based on such information. This application and all information obtained is the property of the Polk City Fire Department.
- ▶ I understand that, if granted membership, falsified statements of any kind or omissions of facts called for on this application, regardless of the time of discovery, shall be considered sufficient basis for dismissal.
- ▶ I understand that should an offer of membership be extended to me and accepted that I will fully adhere to the policies, rules and regulations of the department. However, I further understand that neither the policies, rules, regulations of membership or anything said during the interview process shall be deemed to constitute the terms of an implied contract for continued membership. I understand that any membership is for an indefinite duration and at will and that either I or the department may terminate my membership at any time with or without notice or cause.
- ▶ I understand that if I am offered membership, membership is conditioned upon my providing such other and further information as may be required by the Polk City Fire Department, its Officers, and or the City of Polk City.



 Signature of Applicant

7-12-16

 Date

Tyler Hardenbrook

 Printed Name of Applicant

Department Use Only: Do not write in this space.

Application received by:	
Date application received:	Date of interview:
Date voted to membership:	Six months probation end date:

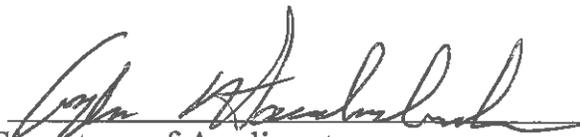


Polk City Fire Department Service Commitment

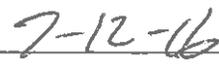
I hereby commit to:

- Provide volunteer on call service including days, nights, weekends, and holidays and agree to meet the minimum attendance requirements as established by the Polk City Fire Department.
- Provide a minimum of 24 consecutive months of service.
- Attend required monthly business and training meetings.
- Maintain Fire & EMS certifications and complete all required skills drills.
- Comply with the standard operating guidelines, policies, and procedures of the department and the direction of the command staff at all times.
- Maintain patient confidentiality.

I understand membership is at-will, and may be terminated at any time with or without cause by Polk City Fire Department, its Officers, and or the City of Polk City.



Signature of Applicant



Date



FIRE SERVICE TRAINING BUREAU

DIVISION OF STATE FIRE MARSHAL

Through accreditation by the
International Fire Service Accreditation Congress
certifies that

Tyler J. Hardenbrook

is a Nationally Certified

Hazardous Materials Operations

This certification is awarded for successful completion of the requirements
as stated in the National Fire Protection Association's

472 Professional Competence of Responders to Hazardous Materials Incidents
2002 Edition



Randal E. Novak, Bureau Chief
Fire Service Training Bureau

Certification Date: April 10, 2009



FIRE SERVICE TRAINING BUREAU

DIVISION OF STATE FIRE MARSHAL

Through accreditation by the
International Fire Service Accreditation Congress
certifies that

Tyler J. Hardenbrook

is a Nationally Certified

Fire Fighter I

This certification is awarded for successful completion of the requirements
as stated in the National Fire Protection Association's

1001 Standard for Fire Fighter Professional Qualifications
2002 Edition




Randal E. Novak, Bureau Chief
Fire Service Training Bureau

Certification Date: May 08, 2009

Polk City Fire Department Member Application

Personal:

Name: McClintic Sr James mark Date: 7-14-16
Last First Middle

Address: (Number & Street) 1964 Courtland Dr
 (City, State, Zip Code) DSM IA 50315

Daytime Phone Number: 515-339-2217 Evening Phone Number: SAME

Desired start date: Sept 2016 E-mail Address: JFMcClintic@yahoo.com

Social Security Number: XXXXXXXXXX Are you over 18 years old? Yes No

Education:

School	Years Completed (circle one)	Diploma/Degree Earned	List School(s), City/State
High School	1 2 3 <u>4</u>	Diploma: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No G.E.D.: <input type="checkbox"/> Yes <input type="checkbox"/> No	
College and/or Vocational School	1 2 3 4		
Other Training or Degrees	<u>1</u>	<u>pm</u>	<u>Mercy school of EMS</u>

Fire Certification (If you are not certified, please leave blank):

Attach Copy of All Certification(s)

Type of Certification(s) Held: FF1, FF2, haz mat ops, Driver/aircraft operator, PALS, A&LS, CPR, PM IAS 100 200 700
 Professional Membership(s): _____

EMS Certification (If you are not certified, please leave blank):

Attach Copy of All Certification(s)

Type of Certification(s) Held: PM
 Iowa Certification Number: PM1711709 Expiration Date: 3-18
 Professional Membership(s): _____

Record of Conviction:

Have you ever been convicted of a crime other than minor traffic offense? Yes No

If yes, fully explain: _____

(A conviction will not necessarily automatically disqualify you for membership. Rather, such factors as age and date of conviction, seriousness and nature of the crime, and rehabilitation will be considered).

Employment:

Please list employment history, with your current employer first (including U.S. Military Service), for the last 10 years. If any employment was under a different name, indicate name.

Employer: City of Waukegan Position: FF/PM
Address: 1300 SE LA Grant Pkwy Waukegan IA 50263
Telephone: 515-978-7998 Dates of Employment: From (Mo/Yr) April 09 To (Mo/Yr) Present
Supervisor: Tomme Tysdal Department: _____
(Circle one) FT PT No. of Hrs. per Week: 40
Duties: Call response, fire prevention, tours, etc
Reason for Leaving: none

Employer: Midwest Acoustical Position: Warehouse Supervisor
Address: 2001 NE Broadway Des Moines IA
Telephone: no longer in business Dates of Employment: From (Mo/Yr) May 01 To (Mo/Yr) April 09
Supervisor: Heidi Polson Department: _____
(Circle one) FT PT No. of Hrs. per Week: _____
Duties: Supervise employees, pull product, deliver product, etc
Reason for Leaving: ft with waukegan

Employer: Dallas County Position: PT Paramedic
Address: 512 S Nix Kinnic Dr Adel
Telephone: 515-465-3596 Dates of Employment: From (Mo/Yr) 2010 To (Mo/Yr) Present
Supervisor: Mike Thomason Department: EMS
(Circle one) FT PT No. of Hrs. per Week: Variable
Duties: Respond to calls, event stand by, etc
Reason for Leaving: none

Explain any gaps in work history: _____

Have you ever been discharged or asked to resign from a job, or resigned to avoid termination?

___ Yes No If yes, explain: _____

Have you ever been an applicant or member of any fire or rescue agency? Yes ___ No

If so, please state agency name, location, contact information, and dates of membership _____

Waukegan Fire Dept

Please describe any additional work experience, volunteering, community involvement, or training: _____

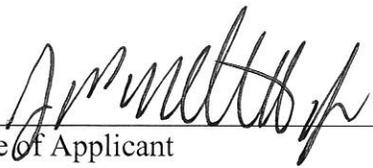
Equipment operation, large truck driving, big emphasis on maintenance, hose pump certified

References:

Name: <u>Dan Wood</u>	Phone: <u>515-480-8807</u>
Address: <u>980 3rd St Waukegan IA</u>	Relation: <u>friend/co-worker</u>
Name: <u>Eric Wallace</u>	Phone: <u>641-891-9291</u>
Address: <u>24661 Roosevelt St Lacona</u>	Relation: <u>friend/co-worker</u>
Name: <u>Ken Larson</u>	Phone: <u>515-779-5572</u>
Address: <u>5880 Scenic View Dr Phill IA</u>	Relation: <u>friend/co-worker</u>

Applicant's Certification and Agreement

- ▶ I hereby certify that the facts set forth in the above application are true and complete to the best of my knowledge. I authorize the Polk City Fire Department, its Officers, and or the City of Polk City to verify their accuracy and to obtain reference information by contacting educational institutions, references or employers, and to rely on and use such information as they see fit.
- ▶ I hereby release the Polk City Fire Department, its Officers, members, and the City of Polk City from any/all liability of whatever kind and nature that, at any time, could result from obtaining and having a membership decision based on such information. This application and all information obtained is the property of the Polk City Fire Department.
- ▶ I understand that, if granted membership, falsified statements of any kind or omissions of facts called for on this application, regardless of the time of discovery, shall be considered sufficient basis for dismissal.
- ▶ I understand that should an offer of membership be extended to me and accepted that I will fully adhere to the policies, rules and regulations of the department. However, I further understand that neither the policies, rules, regulations of membership or anything said during the interview process shall be deemed to constitute the terms of an implied contract for continued membership. I understand that any membership is for an indefinite duration and at will and that either I or the department may terminate my membership at any time with or without notice or cause.
- ▶ I understand that if I am offered membership, membership is conditioned upon my providing such other and further information as may be required by the Polk City Fire Department, its Officers, and or the City of Polk City.


7-14-16

Signature of Applicant Date



Printed Name of Applicant

Department Use Only: Do not write in this space.

Application received by:	
Date application received:	Date of interview:
Date voted to membership:	Six months probation end date:



Polk City Fire Department Service Commitment

I hereby commit to:

- Provide volunteer on call service including days, nights, weekends, and holidays and agree to meet the minimum attendance requirements as established by the Polk City Fire Department.
- Provide a minimum of 24 consecutive months of service.
- Attend required monthly business and training meetings.
- Maintain Fire & EMS certifications and complete all required skills drills.
- Comply with the standard operating guidelines, policies, and procedures of the department and the direction of the command staff at all times.
- Maintain patient confidentiality.

I understand membership is at-will, and may be terminated at any time with or without cause by Polk City Fire Department, its Officers, and or the City of Polk City.



Signature of Applicant

7-14-16

Date

CITY OF POLK CITY, IOWA

TEMPORARY SITE PLAN

Application for Permit to Erect Tent or Air Supported Structure, and/or provide temporary Parking Area

Date: 09/04/16

Type of Event: Block Party/Street closure

Organization holding event: Tedric Jansen

Contact Person: Tedric Jansen

Phone: 515-669-8316

Location of event: 2017 Winding Creek Circle

Attach Plans: Aerial attached

Plans drawn to scale required ?

Yes No (to be determined by City Administrator)

Date(s) and Time(s) to commence temporary use: 09/04/16 12:00 pm

Date(s) and Time(s) to cease temporary use: 09/04/16 10:00 pm

Remarks: Requesting a temporary street closure of Winding Creek Circle on 09/04/16 between the times of 12:00pm to 10:00 pm.

For all that reside on Winding Creek Circle, motor vehicle access will still be maintained.

Temporary parking lot surfacing material: N/A

grass, or other (please specify)

Site to be re-seeded by: N/A

Curb ramp needed? No

If yes, material:

Culvert needed? No

Permit for Chemical Toilets required? No
(If yes, attach approved permit to this form)

Name of owner of tent(s): N/A

Tent to be erected by: N/A

Flame-retardant treatment used? N/A

Date of Last treatment:

Electrical service to be provided: N/A

NO SMOKING signs posted? N/A

Marking of exits? N/A

Fire extinguishers required? N/A

If yes, number of extinguishers required?

Approved by:

Date:

Inspection Date:



Google earth



Minutes of the Meeting of
The Polk City Community Library Board of Trustees
June 6, 2016

- I. The Meeting was called to Order by Corey Hoodjer at 7:01 p.m.
Board Members Present: Angel Nelson, Mandy Vogel, Corey Hoodjer
Board Members Absent: Bob Wright, Mike Miller
Library Director Present: Kim Kellogg
City Council Liaison Present: Dan Lane

- II. Upon a Motion properly made and seconded, it was voted unanimously to approve the Agenda for this Meeting.

- III. Previous Minutes: Upon a Motion properly made and seconded, it was voted unanimously to approve the Minutes of the Meeting on May 2, 2016.

- IV. Communication from the Public: None

- V. Director's Report:
Library Director Kellogg that:
 1. Summer reading program signup started June 1. So far 100 have signed up
 2. May's Youth Program Attendance was 1,154 – higher than usual because of school visits
 3. Library Lockdown Policy and Active Shooter Procedure are scheduled for August Review

- VI. City Council Liaison Report:
 1. New Chief of Police has been hired
 2. The Washington/Booth St. project has been accepted as final
 3. Rezoning of the current Lakeside Fellowship property for funeral home is in process
 4. New ordinance – Beekeeping will only be allowed in agricultural zone districts
 5. New ordinance – No smoking will be allowed in parks
 6. Public hearing will be held for final budget amendment for upcoming fiscal year on June 13

7. Adding habitual offender language for infractions of City ordinances
8. Crossroads at the Lake – rezoning underway for land acres across from Casey’s
9. Approved 1-year lease agreement with Papa’s Pizzeria for use of alley for outdoor seating
10. Raising water & sewer rates as a result of Des Moines Water Works increases

VII. New Business:

1. Reviewed June work schedule
2. Unattended Children Policy was reviewed, no changes
3. Election of Board of Officers – Upon a Motion properly made and seconded, it was voted unanimously to elect Mike Miller as President, Mandy Vogel as Secretary
4. No meeting will be held in July

VIII. Old Business: None

IX. Board Member Reports: None

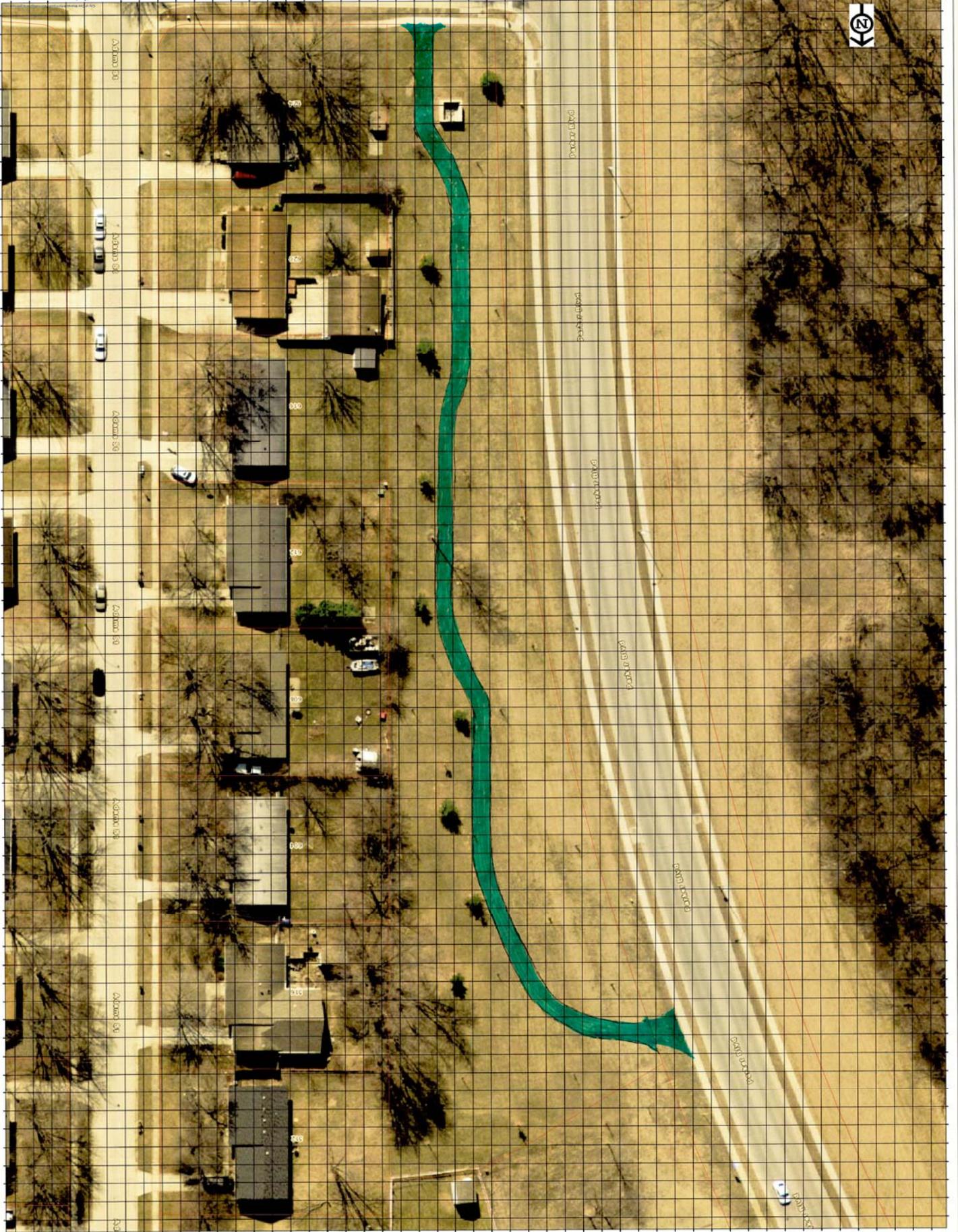
- X. Upon a Motion properly made and seconded, it was noted to adjourn the Meeting at 7:28 p.m.

Next Meeting: August 1, 2016, at 7:00

Respectfully Submitted,

Mandy Vogel, Secretary

LIBRARY - JULY 2016 STATS SNAPSHOT				
Total Visitors	3263			
People Checking Out	439			
Polk City Cardholders	379			
Polk City Checkouts	3812			
Open Access Cardholders	38			
Open Access Checkouts	484			
Rural Cardholders	22			
Rural Checkouts	230			
Total Checkouts	4526			
Bridges E-book/Audiobook Checkouts	60			
Incoming ILL Books	45			
Outgoing ILL Books	22			
Reserves Placed	147			
Materials Added	124			
Materials Withdrawn	544			
New Cards Issued	21			
Computer Users	90			
WiFi Users (on site)	95			
Reference Questions	206			
AWE Station Usage	258			
AWE Games Played	316			
Adult Programs	18			
Adult Program Attendance	138			
Youth Programs	17			
Youth Program Attendance	475			
No. of Meeting Room Uses by Outside Groups	3			
Patron Savings	\$59,018.50			



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RESOLUTION 2016-70

**A RESOLUTION APPROVING SNYDER & ASSOCIATES, INC
ENGINEERING INVOICE FOR JUNE SERVICES 2016**

WHEREAS, Snyder & Associates, Inc has been appointed by the City Council of the City of Polk City, Iowa, as the city's engineer; and

WHEREAS, there are general engineering fees, fees for engineering contracts for capital improvement projects, reimbursable development review project fees, as listed

General Engineering Fees:	\$11,479
Capital Improvement Projects:	\$2,211.76
Reimbursable Development Review Projects:	\$9,857.85

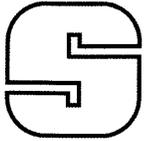
NOW, THEREFORE, BE IT RESOLVED, the City Council of the City of Polk City, Iowa hereby approves the Snyder & Associates invoice for May 2016, in the amount of \$23,548.61

PASSED AND APPROVED the 8th day of August, 2016.

Jason Morse, Mayor

ATTEST:

Jenny Gibbons, City Clerk



Date August 3, 2016

To: Gary Mahannah
 City of Polk City
 P.O. Box 426
 Polk City, IA 50226-0426

INVOICE SUMMARY - JUNE SERVICES

Services from June 1, 2016 through June 30, 2016

GENERAL ENGINEERING

<u>2016 General Engineering</u>	116.0001	\$ 3,320.00
<u>Building and Development issues:</u>	116.0001	\$ 4,386.00
<i>Walk-thru's, coordination with developers, engineers, building inspector, and staff regarding various potential and ongoing development projects and city's requirements for same.</i>		
<u>Miscellaneous Projects:</u>	116.0001	\$ 3,773.00
<i>Coordinate with staff and prepare conceptual layouts for water and sanitary sewer to serve area along and north of Hugg Drive; and with Iowa DOT re: Hwy 415 project including bike trail alignment and Pine Ridge Island.</i>		
<u>Zoning & Subdivision Ordinances:</u>	116.0001	\$ -
SUBTOTAL		<u><u>\$ 11,479.00</u></u>

CAPITAL IMPROVEMENT PROJECTS

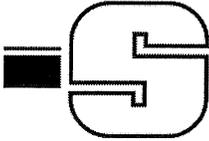
2016 Street Repair Project	116.0636	\$ 945.00
Comprehensive Plan	114.1068	\$ 66.76
Davis and Tyler Street Intersection Improvements	115.0944	\$ 1,200.00
SUBTOTAL		<u><u>\$ 2,211.76</u></u>

REIMBURSABLE DEVELOPMENT REVIEW PROJECTS

Bridge Point Site Plan - revised building elevations	114.0407	\$ 250.00
Deer Haven TIF Project	115.0778	\$ 430.00
Edgewater Drive: Water & Sanitary Sewer (Lefkow)	115.0852	\$ 1,350.00
Fredregill Funeral Home Site Plan	116.0631	\$ 1,600.00
Lost Lakes Estates Plat 3: Preliminary Plat & Construction Drawings	116.0555	\$ 5,216.00
Parker Townhomes II: Punchlist #2- public water main	115.0191	\$ 200.00
Twelve Oaks Plat 4 - construction observation and management	115.0623	\$ 811.85
SUBTOTAL		<u><u>\$ 9,857.85</u></u>

TOTAL

\$ 23,548.61



INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

City of Polk City
 PO Box 426
 112 3rd Street
 Polk City, IA 50226-0426

Invoice No: 116.0001.01 - 6

Project 116.0001.01 Polk City: General Engineering 2016

Professional Services through June 30, 2016

Council Meeting

Attend two City Council meetings.

		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Engineer IV		2.00	112.00	224.00	
Total Services		2.00			224.00
			Task Subtotal		\$224.00
Billings to Date	Total	Prior	Current		
	1,352.00	1,128.00	224.00		

P&Z Meeting

Attend one Planning & Zoning Commission meeting and one P&Z work session with Jim Nervig.

		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner		2.00	172.00	344.00	
Total Services		2.00			344.00
			Task Subtotal		\$344.00
Billings to Date	Total	Prior	Current		
	1,204.00	860.00	344.00		

Other Meeting

Attend two pre-application meetings with Design Concepts and Ryan Fredregill re: site plan requirements; and attend meeting with Gary Mahannah re: water and sewer extension to Jensen property and Knapp Hugg Drive development.

		<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner		5.50	172.00	946.00	
Total Services		5.50			946.00
			Task Subtotal		\$946.00
Billings to Date	Total	Prior	Current		
	5,332.00	4,386.00	946.00		

Building Dept

Questions from and research for developer's and design engineers including Pelds re: as-built requirements, Jamie Myers re: WCTH punchlist; Elara Jonde re: platting regs; Bruce Lefkow re: letter of credit in lieu of bond and shop drawings requirements; Bruce Pierce re: property lines and GIS; gravel on Lakeside Church parcel; Matt Boelman re: soccer field lighting and site plan; Brian Campbell on Mark Young parcel; Mark McMurphy re: Jensen annexation; realtor re: Breakwater Drive easements; Shelly Bernholz re: planting schedule for 700 N. 3rd; pre-application review of soccer field concept including table with parking per field; Amy Beattie re: need to go to P&Z for soccer use; Tom Wittman re: lots on Hugg Drive; Jenny Gibbons re: deck encroachment into WCTH outlot; Ryan Sabino re: architectural design standards; Aimee Staudt re: potential start of construction in Woodhaven Plat 2; Amy Beattie re: use of parking stalls in public ROW; Denny Bernholz re: building permit stipulations for various properties; and coordinate with Gary Mahannah on each of the above items.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	20.00	172.00	3,440.00	
Total Services	20.00			3,440.00
				Task Subtotal
				\$3,440.00
	Total	Prior	Current	
Billings to Date	17,630.00	14,190.00	3,440.00	

Water Dept

Phone discussions and emails with Jarrod Ruckle re: water main to Jensen parcel; phone discussions and emails with Tom Wittman re: extension of water main to Hugg Drive; prepare preliminary water main alignment, cost opinions, and cost share methodology for both developments; coordinate with Erin Ollendike re: Lefkow plans for Edgewater Drive water main extension; and preliminary costs to Mike Schulte for water tower painting and new elevated storage tank.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	5.50	172.00	946.00	
Engineer IV	3.00	112.00	336.00	
Total Services	8.50			1,282.00
				Task Subtotal
				\$1,282.00
	Total	Prior	Current	
Billings to Date	3,182.00	1,900.00	1,282.00	

Sanitary Sewers

Phone discussions and emails with Jarrod Ruckle re: sanitary sewer extension to Jensen parcel; phone discussions and emails with Tom Wittman re: septic systems on Hugg Drive and easement to serve Jensen; prepare preliminary sanitary sewer service area map with LiDAR, sewer alignment and cost opinion; coordinate with Erin Ollendike re: Lefkow plans for Edgewater Drive sanitary sewer service depth and easement needs on VanDoorn parcel.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	6.50	172.00	1,118.00	
Engineer IV	4.75	112.00	532.00	
Planner I	2.00	81.00	162.00	
Total Services	13.25			1,812.00
				Task Subtotal
				\$1,812.00
	Total	Prior	Current	
Billings to Date	1,812.00	0.00	1,812.00	

Storm Sewers

				Task Subtotal	0.00
	Total	Prior	Current		
Billings to Date	7,816.00	7,816.00	0.00		

Street Dept

Review pre-con minutes for Hwy 415 widening, coordinate with Gary Mahannah re: platform bike trail abutting Crossroads, and email Danielle Mulholland on same; Coordinate with Iowa DOT re: larger radii into Marina; coordinate with Gary Mahannah re: LED streetlights in Wolf Creek and request specs for review; and discussions with staff re: Pine Ridge island removal, prepare map exhibit, research SUDAS and applicable standards, and prepare Memo recommending its removal.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	2.50	172.00	430.00	
Engineer IV	1.50	112.00	168.00	
Planner I	1.00	81.00	81.00	
Total Services	5.00			679.00
				Task Subtotal
				\$679.00
Billings to Date	Total	Prior	Current	
	7,093.00	6,414.00	679.00	

General Areas

Research Drake knowledge of Chez rezoning for Kurt Subra. Prepare summary of P&Z workshop on rezonings. Coordinate with Gary Mahannah, Jenny Gibbons, and Becky Leonard on miscellaneous issues including tentative agenda, review and revise Council Resolutions, documents needed for packets, Council agenda items, and review P&Z minutes.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	16.00	172.00	2,752.00	
Total Services	16.00			2,752.00
				Task Subtotal
				\$2,752.00
Billings to Date	Total	Prior	Current	
	14,332.00	11,580.00	2,752.00	

GIS Services

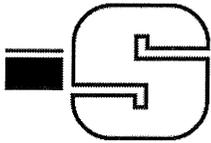
				Task Subtotal	0.00
Billings to Date	Total	Prior	Current		
	344.00	344.00	0.00		

				Amount Due this Invoice	\$11,479.00
Billings to Date	Total	Prior	Current		
	60,097.00	48,618.00	11,479.00		

Snyder & Associates, Inc.



Kathleen Connor



INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 116.0636.01 - 1

Project 116.0636.01 2016 Street Repair Projects

Professional Services through June 30, 2016

**Basic Services
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Special Design Build	5,000.00	0.00	0.00	0.00	0.00
Project Administration	1,300.00	0.00	0.00	0.00	0.00
Preliminary Design and Plan	6,300.00	15.00	945.00	0.00	945.00
Final Design and Plan	4,025.00	0.00	0.00	0.00	0.00
Bid Phase	1,500.00	0.00	0.00	0.00	0.00
Total Fee	18,125.00		945.00	0.00	945.00
Total Fee					945.00
Phase Subtotal					\$945.00
Billings to Date	Total 945.00	Prior 0.00	Current 945.00		

**Construction Services
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Construction Administration	3,000.00	0.00	0.00	0.00	0.00
Construction Staking	2,000.00	0.00	0.00	0.00	0.00
Construction Observation	15,315.00	0.00	0.00	0.00	0.00
Special Design Build	1,000.00	0.00	0.00	0.00	0.00
Total Fee	21,315.00		0.00	0.00	0.00
Total Fee					0.00

Project	116.0636.01	PlkCty-2016StreetRepair	Invoice	1
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Phase Subtotal	0.00
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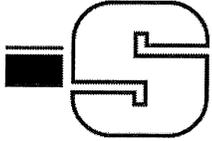
Amount Due this Invoice	\$945.00
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	Total	Prior	Current
Billings to Date	945.00	0.00	945.00

Snyder & Associates, Inc.



Kathleen Connor



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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 114.1068.01 - 13

Project 114.1068.01 Comprehensive Plan

Professional Services through June 30, 2016

**Basic Services
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Outreach	5,656.00	100.00	5,656.00	5,656.00	0.00
Discover	5,372.00	100.00	5,372.00	5,372.00	0.00
Evaluate	7,837.00	100.00	7,837.00	7,837.00	0.00
Visualize	11,676.00	100.00	11,676.00	11,676.00	0.00
Strategize	2,672.00	100.00	2,672.00	2,672.00	0.00
Document	6,676.00	100.00	6,676.00	6,609.24	66.76
Total Fee	39,889.00		39,889.00	39,822.24	66.76

Total Fee 66.76

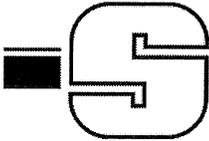
Phase Subtotal \$66.76

Amount Due this Invoice \$66.76

Billings to Date	Total	Prior	Current
	39,889.00	39,822.24	66.76

Snyder & Associates, Inc.

Kathleen Connor



INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
 City of Polk City
 PO Box 426
 112 3rd Street
 Polk City, IA 50226-0426

Invoice No: 115.0944.01 - 6

Project 115.0944.01 Davis and Tyler St Intersection Reconstruction

Professional Services through June 30, 2016

**Basic Services
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Project Admin	1,700.00	100.00	1,700.00	1,700.00	0.00
Topo Survey	3,500.00	100.00	3,500.00	3,500.00	0.00
Preliminary Design	5,400.00	100.00	5,400.00	5,400.00	0.00
Final Design	4,700.00	100.00	4,700.00	4,700.00	0.00
Total Fee	15,300.00		15,300.00	15,300.00	0.00
		Total Fee			0.00
			Phase Subtotal		0.00
Billings to Date	Total 15,300.00	Prior 15,300.00	Current 0.00		

**Construction Services
 Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Construction Admin	1,800.00	95.00	1,710.00	1,080.00	630.00
Construction Staking	2,000.00	100.00	2,000.00	2,000.00	0.00
Construction Observation	3,800.00	100.00	3,800.00	3,230.00	570.00
Total Fee	7,600.00		7,510.00	6,310.00	1,200.00
		Total Fee			1,200.00

Project	115.0944.01	PlkCty-DavisandTylerStIntersectionRecon	Invoice	6
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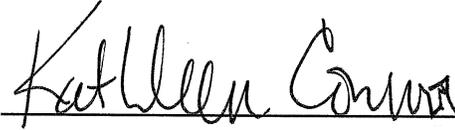
Phase Subtotal	\$1,200.00
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	Total	Prior	Current
Billings to Date	7,510.00	6,310.00	1,200.00

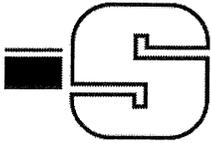
Amount Due this Invoice	\$1,200.00
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	Total	Prior	Current
Billings to Date	22,810.00	21,610.00	1,200.00

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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 114.0407.01 - 3

Project 114.0407.01 **Bridge Pointe Site Plan**

Professional Services through June 30, 2016

**Landmark Corner Site Plan
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	900.00	100.00	900.00	900.00	0.00
Submittal #2	400.00	100.00	400.00	400.00	0.00
Submittal #3	250.00	100.00	250.00	250.00	0.00
Submittal #4	250.00	100.00	250.00	250.00	0.00
Submittal #5	250.00	100.00	250.00	0.00	250.00
Total Fee	2,050.00		2,050.00	1,800.00	250.00

Total Fee 250.00

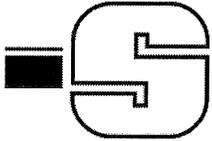
Phase Subtotal \$250.00

Amount Due this Invoice \$250.00

	Total	Prior	Current
Billings to Date	2,050.00	1,800.00	250.00

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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 115.0778.01 - 10

Project 115.0778.01 Deer Haven TIF Project

Professional Services through June 30, 2016

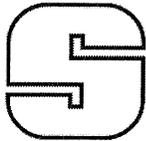
TIF Project

Prepare for and attend meeting with Toby and Susan re: TIF project, meeting follow up including coordination with Justin Yarosevich re: Urban Renewal Area Plan.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Principal Planner	2.50	172.00	430.00
Total Services	2.50		430.00
Phase Subtotal			\$430.00
Amount Due this Invoice			\$430.00

	<u>Total</u>	<u>Prior</u>	<u>Current</u>
Billings to Date	14,408.50	13,978.50	430.00

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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 115.0852.01 - 2

Project 115.0852.01 Edgewater Dr Construction Dwgs (Lefkow)

Professional Services through June 30, 2016

Const Dwgs Review
Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	800.00	100.00	800.00	800.00	0.00
Submittal #2	500.00	100.00	500.00	0.00	500.00
Submittal #3	350.00	100.00	350.00	0.00	350.00
Submittal #4	250.00	100.00	250.00	0.00	250.00
Submittal #5	250.00	100.00	250.00	0.00	250.00
Total Fee	2,150.00		2,150.00	800.00	1,350.00

Total Fee 1,350.00

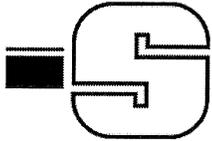
Phase Subtotal \$1,350.00

Amount Due this Invoice \$1,350.00

Billings to Date	Total	Prior	Current
	2,150.00	800.00	1,350.00

Snyder & Associates, Inc.

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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 116.0631.01 - 1

Project 116.0631.01 Fredregill Funeral Home Site Plan

Professional Services through June 30, 2016

Site Plan
Lump Sum Fees

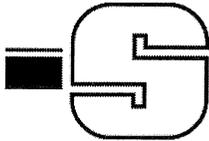
	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	800.00	100.00	800.00	0.00	800.00
Submittal #2	300.00	100.00	300.00	0.00	300.00
Submittal #3	250.00	100.00	250.00	0.00	250.00
Submittal #4	250.00	100.00	250.00	0.00	250.00
Total Fee	1,600.00		1,600.00	0.00	1,600.00
Total Fee					1,600.00
Phase Subtotal					\$1,600.00

Amount Due this Invoice \$1,600.00

Billings to Date	Total	Prior	Current
	1,600.00	0.00	1,600.00

Snyder & Associates, Inc.

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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 116.0555.01 - 1

Project 116.0555.01 Lost Lakes Estates Plat 3
Professional Services through June 30, 2016

Prelim Plat 3 & 4
Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	1,150.00	100.00	1,150.00	0.00	1,150.00
Submittal #2	400.00	100.00	400.00	0.00	400.00
Submittal #3	250.00	100.00	250.00	0.00	250.00
Total Fee	1,800.00		1,800.00	0.00	1,800.00
Total Fee					1,800.00

Billings to Date	Total	Prior	Current
	1,800.00	0.00	1,800.00

Const Dwgs Plat 3
Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	1,400.00	100.00	1,400.00	0.00	1,400.00
Submittal #2	750.00	100.00	750.00	0.00	750.00
Submittal #3	400.00	100.00	400.00	0.00	400.00
Submittal #4	250.00	100.00	250.00	0.00	250.00
Total Fee	2,800.00		2,800.00	0.00	2,800.00
Total Fee					2,800.00

Billings to Date	Total	Prior	Current
	2,800.00	0.00	2,800.00

Final Plat 1

Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	750.00	0.00	0.00	0.00	0.00
Submittal #2	300.00	0.00	0.00	0.00	0.00
Total Fee	1,050.00		0.00	0.00	0.00
Total Fee					0.00

Construction Phase

Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Pre Construction Conference	375.00	0.00	0.00	0.00	0.00
Pre Pour Meeting	375.00	0.00	0.00	0.00	0.00
Construction Observation	12,377.00	0.00	0.00	0.00	0.00
Walk-Thru Punchlist #1	450.00	0.00	0.00	0.00	0.00
Total Fee	13,577.00		0.00	0.00	0.00
Total Fee					0.00

Stormwater Mgmt

SWMP

Review of stormwater management plan and review revised submittal #2.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
Engineer IV	5.50	112.00	616.00
Total Services	5.50		616.00
Task Subtotal			\$616.00
Billings to Date	Total	Prior	Current
	616.00	0.00	616.00

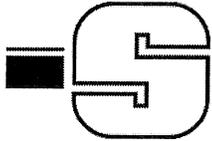
Amount Due this Invoice \$5,216.00

Billings to Date	Total	Prior	Current
	5,216.00	0.00	5,216.00

Snyder & Associates, Inc.



 Kathleen Connor



ENGINEERS & PLANNERS
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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 115.0191.01 - 7

Project 115.0191.01 Parker Townhomes II Site Plan

Professional Services through June 30, 2016

**Site Plan Review
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	950.00	100.00	950.00	950.00	0.00
Submittal #2	500.00	100.00	500.00	500.00	0.00
Submittal #3	250.00	100.00	250.00	250.00	0.00
Submittal #4	250.00	100.00	250.00	250.00	0.00
Total Fee	1,950.00		1,950.00	1,950.00	0.00
Total Fee					0.00
Phase Subtotal					0.00
Billings to Date	Total	Prior	Current		
	1,950.00	1,950.00	0.00		

**Construction Drawing Review
Lump Sum Fees**

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal #1	350.00	100.00	350.00	350.00	0.00
Submittal #2	200.00	100.00	200.00	200.00	0.00
Total Fee	550.00		550.00	550.00	0.00
Total Fee					0.00
Phase Subtotal					0.00
Billings to Date	Total	Prior	Current		
	550.00	550.00	0.00		

**Construction Phase
Lump Sum Fees**

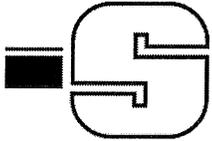
	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Pre Const Conference	375.00	100.00	375.00	375.00	0.00
Construction Observation	457.00	100.00	457.00	457.00	0.00
Walk Thru/Punchlist #1	450.00	100.00	450.00	450.00	0.00
Punchlist #2	200.00	100.00	200.00	0.00	200.00
Total Fee	1,482.00		1,482.00	1,282.00	200.00
Total Fee					200.00
Phase Subtotal					\$200.00
Billings to Date	Total 1,482.00	Prior 1,282.00	Current 200.00		

	Total	Prior	Current	Amount Due this Invoice
Billings to Date	3,982.00	3,782.00	200.00	\$200.00

Snyder & Associates, Inc.



 Kathleen Connor



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INVOICE FOR PROFESSIONAL SERVICES

July 31, 2016

Gary Mahannah
City of Polk City
PO Box 426
112 3rd Street
Polk City, IA 50226-0426

Invoice No: 115.0623.01 - 3

Project **115.0623.01** **Twelve Oaks Plat 4**
Professional Services through June 30, 2016

Construction Dwgs

Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal 1	1,100.00	100.00	1,100.00	1,100.00	0.00
Submittal 2	600.00	100.00	600.00	600.00	0.00
Submittal 3	350.00	100.00	350.00	350.00	0.00
Submittal 4	250.00	100.00	250.00	250.00	0.00
Submittal 5	250.00	100.00	250.00	250.00	0.00
Submittal 6- Change Order: Storm Sewer	250.00	100.00	250.00	250.00	0.00
Total Fee	2,800.00		2,800.00	2,800.00	0.00

Total Fee **0.00**

	Total	Prior	Current
Billings to Date	2,800.00	2,800.00	0.00

Final Plat

Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Submittal 1	600.00	0.00	0.00	0.00	0.00
Submittal 2	250.00	0.00	0.00	0.00	0.00
Total Fee	850.00		0.00	0.00	0.00

Total Fee **0.00**

Construction Phase

Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Pre Const Conference	375.00	100.00	375.00	375.00	0.00
Const Obs	3,795.00	24.00	910.80	417.45	493.35
Walk Thru/Punchlist 1	450.00	0.00	0.00	0.00	0.00
Punchlist 2	200.00	0.00	0.00	0.00	0.00
Total Fee	4,820.00		1,285.80	792.45	493.35
Total Fee					493.35

	Total	Prior	Current
Billings to Date	1,285.80	792.45	493.35

Construction Phase - Hourly

Additional Construction Mgmt - Flood

Services include coordination with city staff, Seamus, Marlo Gillotti, Cooper-Crawford, and related property owner re: flooding in plat 2 related to grading operations.

	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>	
Principal Planner	.50	172.00	86.00	
Engineer IV	.75	112.00	84.00	
Technician VIII	1.50	99.00	148.50	
Total Services	2.75			318.50
			Task Subtotal	\$318.50

	Total	Prior	Current
Billings to Date	318.50	0.00	318.50

Amount Due this Invoice \$811.85

	Total	Prior	Current
Billings to Date	4,404.30	3,592.45	811.85

Snyder & Associates, Inc.



 Kathleen Connor



Polk City Police Department
Calls for Service/Activity Report
2016

8/4/2016

Incident Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Avg	YTD Total
Administrative Complaint	0	0	0	0	0	0	0							0
Alcohol Driving Violation (Juvenile)	0	0	0	0	0	0	2							2
Animal Bite	0	0	0	0	1	1	1							3
Animal Complaint	4	4	3	5	13	13	9							51
Arrest (Other)	0	0	0	0	0	1	0							1
Arson	0	0	0	0	0	0	0							0
Assault	2	1	0	1	0	1	0							5
Assisting Fire Dept/Rescue	20	16	21	14	22	16	11							120
Assisting Law Enforcement Agency	5	7	3	11	17	23	26							92
Assisting Public	41	49	44	42	57	52	53							338
Attempted Suicide	0	2	1	0	0	1	0							4
Burglary	2	1	0	4	0	0	6							13
Civil Dispute	1	1	0	6	3	1	1							13
Community Room Scheduling	6	0	7	2	4	4	3							26
Complaint of Snowmobile	0	0	0	0	0	0	0							0
Criminal Mischief	2	2	0	5	4	1	2							16
Criminal Trespass	1	1	1	1	0	2	0							6
Death Investigation	0	0	0	0	0	0	0							0
Disturbing the Peace	0	4	1	6	6	7	7							31
Domestic Assault	0	0	1	0	1	0	0							2
Domestic Quarrel	0	2	2	6	6	6	2							24
Driving While Intoxicated	0	0	1	1	0	1	1							4
Fight	0	0	0	0	0	0	0							0
Found Property	1	0	5	6	4	5	17							38
Fraud	2	0	2	0	0	2	4							10
Gambling Permit Violation	0	0	0	0	0	0	0							0
Harassment	4	0	9	2	1	0	1							17
Illegal Burning	0	0	1	0	0	0	0							1
Illegal Parking	2	4	22	5	10	6	2							51
Impounded Animal	1	1	0	1	0	4	3							10
Incomplete 911 Call	0	0	2	3	1	1	0							7
Indecent Exposure	0	0	0	0	0	0	0							0
Loitering	0	0	0	0	0	0	0							0
Mental Subject	0	0	0	0	0	1	0							1
Missing Person	0	0	4	1	2	0	0							7
Narcotics Investigation	3	0	0	1	2	0	0							6
Open Door	2	1	2	1	2	8	2							18
Peddling Permit Violation	0	0	0	0	0	0	0							0
Possession of Alcohol/Tobacco by Minor	1	0	0	0	4	0	0							5
Prowler	0	0	0	0	0	0	0							0
Public Intoxication	0	0	1	0	0	1	2							4
Records Check	13	8	10	9	21	37	0							98

Incident Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Monthly Avg	YTD Total
Residential or Commercial Alarm	7	6	5	5	4	4	6							37
Serving Search Warrant	0	0	0	0	0	0	0							0
Suicide	0	1	1	1	0	0	0							3
Supplying Alcohol to a Minor	0	0	0	0	0	0	0							0
Suspicious Person	8	3	14	7	12	21	16							81
Theft	2	1	4	5	4	2	2							20
Traffic Arrest	0	1	4	0	2	2	4							13
Traffic Citations/Warnings	58	49	29	29	72	64	85							58
Vehicle (Abandoned)	0	2	2	0	1	0	0							5
Vehicle (Disabled)	17	3	8	9	11	14	12							74
Vehicle (Impounded)	1	0	0	0	0	1	1							3
Vehicle (Obsolete)	0	0	0	0	0	0	0							0
Vehicle (Suspicious)	14	12	13	8	10	12	12							81
Vehicle Crash (Hit & Run)	0	0	0	0	0	0	0							0
Vehicle Crash (Personal Injury)	1	3	0	0	0	0	0							4
Vehicle Crash (Property Damage)	2	0	3	2	3	1	1							12
Violation of Court Order	0	0	0	0	0	0	0							0
Warrant Arrest	1	2	0	0	0	0	0							3
Welfare Check	2	0	2	3	1	6	5							19
Monthly Totals:	226	187	228	202	301	322	299	0	0	0	0	0		
													Year to Date Total:	1418

Note: Numbers in green indicate above average activity for that category in that month

Polk City PD Monthly Report

July 2016

On January 8th, Sgt. Bjornson went to Halley's Academy and spent time with the children there. He read books with them and discussed what it was like being a police officer. The staff was very appreciative and the children had a great time. The children from Halley's later brought beautiful posters that they had made for the Polk City Police and Fire Department.



Polk City PD officers participated for the first time in the Des Moines Metro Area Firearms Qualifications. Many law enforcement agencies pool resources and instructors to hold firearms qualifications over a few day period. This is an efficient way to qualify a large amount of officers in a short amount of time, saving time and money. It is also a chance for officers and instructors from different agencies to network and interact. Polk City officers went to qualify and Sgt. Bjornson participated as an instructor as well.

PCPD has also begun participation with the Metro STAR tactical team. PCPD will assign an officer to a position on one of the STAR entry teams. This officer will be in training until proficient and then will participate in search warrant service, high risk situations and dignitary protection as needed. This position is a collateral position, meaning that the assigned PCPD officer will spend 8-16 hours a month training and one week on call in addition to their normal patrol duties. PCPD patrol shifts and departmental operations will still be the first priority for this officer. This is an opportunity to build the skill set of one officer and utilize that skill set to train the rest of the PCPD officers.

Polk City Water Department

Monthly Report

Month July

Year 2016

Total Water Pumped 15996280 Gallons
Monthly Daily Avg 516009 Gallons

Testing Results

- SDWA Bacteriological Coliform Analysis absent University Hygienic Lab.
Fecal Coliform Analysis- Sample incubated 35c for 48 hrs then examine for gas production.
Gas production verifies presence of fecal coliform organisms.
- Fluoride Analysis .7 University Hygienic Lab.
A fluoride concentration of approx. 1mg/l in drinking water effectively reduces dental caries without harmful effects on health. MCL for fluoride is 4.0 mg/l.
Fluoride at Plant- Monthly Average .93 mg/l Polk City Lab.
Fluoride in System- Monthly Average .81 mg/l Polk City Lab.
- Chlorine Free At Plant- Monthly Average 1.61 mg/l Polk City Lab.
Chlorine Total at plant- Monthly Average 2.95 mg/l Polk City Lab.
Chlorine Free in System- Monthly Average .96 mg/l Polk City Lab.
Chlorine Total in System- Monthly Average 1.10 mg/l Polk City Lab.
Chlorine requirement is the quantity of chlorine that must be added to H₂O to achieve complete disinfection of pathogens and protozoa. Chlorine residuals will vary widely depending on organic loading. We also use chlorine to oxidize iron prior to filtration.
- Iron Raw Water- Monthly Average 6.63 mg/l Polk City Lab.
Iron Finish Water- Monthly Average .01 mg/l Polk City Lab.
Iron System Water- Monthly Average .01 mg/l Polk City Lab.
Iron occurs in rocks and minerals in the earth's crust. It's the 4th most abundant element respectively. Iron has no effect on human health; its main objection is aesthetics.
Concentrations of Iron in finish H₂O should be between 0.03-0.06mg/l.
- Manganese Raw Water- Monthly Average .26 mg/l Polk City Lab.
Manganese Finish Water- Monthly Average .07 mg/l Polk City Lab.
Manganese System Water- Monthly Average .02 mg/l Polk City Lab.
Manganese also occurs in rocks and the earth's crust. It is the 7th most abundant element. Manganese is extremely difficult to remove. Concentrations of Manganese in finish H₂O should not exceed 0.05mg/l or black staining of plumbing fixtures may occur. No effect on human health.
- pH Raw Water Monthly Average 7.8 mg/l Polk City Lab.
pH Finish Water-Monthly Average 7.7 mg/l Polk City Lab.
pH System Water- Monthly Average 8.1 mg/l Polk City Lab.
pH scale ranges from 0-14 with 7 being considered neutral. Below 7 becomes corrosive to plumbing, above 7 tends to deposit minerals in plumbing. We add caustic soda to maintain proper pH, which should range between 7.5-7.9 in finish water.

Total Tests Performed- Polk City Lab _____

Total Hours to perform tests _____



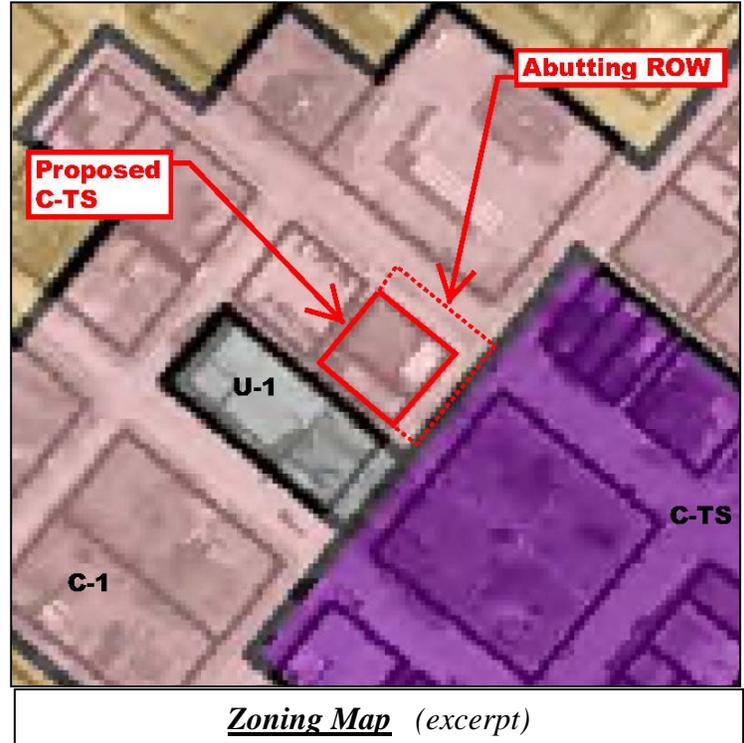
REZONING

Date: July 12, 2016
Project: 302 W. Broadway Rezoning

Prepared by: Kathleen Connor
Project No.: 116.0659.01

GENERAL INFORMATION:

Property Owner: Sender’s Construction LLC
Location: 302 W. Broadway Street
(old Broken Arrow center)
Current Zoning: C-1
Requested Zoning: C-TS
Existing Land Use: Vacant/Commercial
Future Land Use: Commercial
Proposed Land Use: Commercial
Proposed C-TS: Approx 0.15 acres,
Excluding right-of-way



PROJECT DESCRIPTION:

The 1941 two-story block/tile building was recently demolished due to its dilapidated condition and the expense required to bring this old building up to current code. (3600 sf, total both floors) The 1968 one-story metal building remains and is currently vacant. (3196 sf)

Sender’s Construction has submitted a Petition to rezone this property from C-1 to C-TS in order to re-develop the property as a part of the Town Square district, as it has historically been the case. The major benefit to the property owner in rezoning to C-TS is the elimination of the relatively new C-1 requirement for off-street parking. This property was developed without off-street parking and was not required to do so until May 10, 2010 when the Zoning Regulations were amended. Off-street parking, if required, would render this parcel virtually undevelopable, similar to other businesses surrounding the square.

The applicant indicates they plan to develop this property for low-intensity commercial use with a patio area overlooking the square, and therefore less building square footage than in the past. As a result, there should not be a heavy demand for parking. A Site Plan covering the proposed improvements to the property will be presented to P&Z and Council in the future.

The applicant obtained consent to the rezoning from the property owners of 60.7% of the 250’ buffer area surrounding the proposed C-TS zoning district, excluding the city and county-owned parcels which are considered neutral. Notices of P&Z’s July 18th public meeting will be mailed out to neighboring property owners on July 8, 2016. The date of the Public Hearing for the proposed rezoning has not yet been set by City Council.

The zoning and land use of the properties surrounding the area proposed to be rezoned are as follows:

<u>Adjacency</u>	<u>Zoning</u>	<u>Existing Land Use</u>	<u>Future Land Use.</u>
NE	C-1	Convenience Store	Commercial
SE	C-TS	Town Square	Parks & Recreation
SW	R-2	Masonic Lodge	Civic/Institutional
NW	R-2	City parking lot	Civic/Institutional

The Comprehensive Plan, *Imagine Polk City – A Bridge to the Future*, was adopted by City Council on April 11, 2016. An excerpt from the Future Land Use Plan is depicted on the right, with the subject property highlighted in bright green. The proposed C-TS zoning appears to be in conformance with the Comprehensive Plan.

REVIEW COMMENTS: Pursuant to our review of the rezoning petition, we offer the following:

1. Staff recommends the proposed C-TS zoning district be expanded to include the abutting half right-of-way of S. 3rd Street and W. Broadway Street. This adjusted boundary will make the proposed C-TS area contiguous with the existing C-TS area around the Town Square. This will also conform to the city’s policy of rezoning to the centerline of streets.
2. If desired, the developer may wish to bring their preliminary conceptual plans for the redevelopment of this property to the P&X meeting to share with the commission.



RECOMMENDATION:

Staff recommends approval of the proposed rezoning from C-1 to C-TS, based on the following:

1. The Rezoning Boundary shall include the abutting half right-of-way of S. 3rd Street and W. Broadway Street.
2. P&Z recommendations, if any, shall be agreed upon by the property owner and addressed in the Ordinance prior to Council’s consideration of the proposed rezoning.
3. Payment of all professional billings to the City Clerk.

NOTICE OF PETITION FOR REZONING

YOU ARE HEREBY NOTIFIED that on the 8th day of August 2016, the City Council of the City of Polk City, Iowa will hold a public meeting on a petition submitted to the City of Polk City, Iowa by Sender's Construction LLC.

1) To rezone 0.15 ACRES located at 104 S. 3rd St., Polk City, Iowa, from its present zoning classification C-1 Central Business District to C-TS Town Square Business District; said property commonly known as the Broken Arrow Center, 302 W Broadway

LEGAL DESCRIPTION

LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN POLK CITY, NOW INCLUDED IN AND FORMING A PART OF POLK CITY, IOWA

AND THE ADJACENT SOUTHERLY ONE-HALF OF WEST BROADWAY STREET AND ADJACENT WESTERLY ONE-HALF OF NORTH THIRD STREET TO SAID LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN THE OFFICIAL PLAT OF POLK CITY, POLK COUNTY, IOWA

YOU ARE FURTHER NOTIFIED that said petitions will come before the Council on August 8, 2016 at 6:30 p.m. at which time you may appear and present any reasons that you may have, either in favor of or against said proposed rezoning.

DATED this 29th day of July 2016

Jenny Gibbons, City Clerk

PETITION FOR REZONING

TO: Planning and Zoning Commission,
Mayor, and City Council

We, the undersigned owners of the following described property:

104 S 3rd st Polk City IA 50226

Legal description: NE 2/3 LT 4 & All LTS 1 & 2 BLK 10
town of Polk City

Request that said property be rezoned from its present Zoning Classification of C1
to Zoning Classification CTS for the purpose of

the new main entrance will be facing town square, so we
are proposing this property to join the commercial
town square.

PROPERTY OWNER:

PROPERTY OWNER (when jointly owned):

Brian Sender Sender's Construction
Owner's Name (please print)

Owner's Name (please print)


Signature

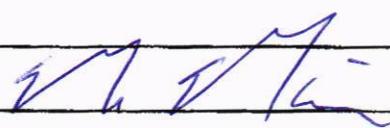
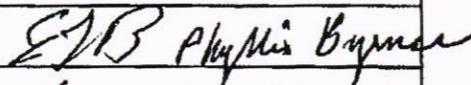
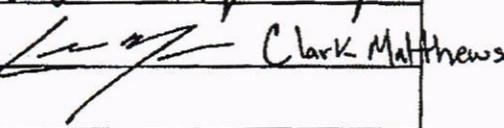
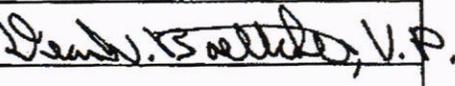
Signature

President
Title (if owned by Inc., LLC, or similar)

The above property owner(s) are herewith providing the following documentation:

- Signatures of owners of at least 50% of the area with a 250' buffer, exclusive of intervening ROW and alleys, surrounding the proposed rezoning (See Page 2)
- Table demonstrating sufficient consent of buffer area property owners (See Page 3)
- Rezoning Sketch depicting proposed zoning boundary line, all parcels within the buffer area, and ownership of each parcel. (To be attached)
- Two stamped and addressed envelopes for each property owner within buffer area which the City Clerk will use for required notice.
- Master Plan if rezoning to PUD or R-4 Mobile Home Parks.

The undersigned owners of property lying outside of said above described tract, but within two hundred and fifty (250) feet of the boundaries thereof, intervening streets and alleys not included in computation of said distance, join in this petition for the purposes of having the above described real estate rezoned from C1 to CTS.

PROPERTY OWNERS WITHIN THE 250' BUFFER CONSENTING TO THE PROPOSED REZONING			
Property Owner Name:	Address:	Parcel Acreage (within buffer)	Signature:
Cooperative Lodge	100 N. 3rd St.	3,267	
Betty Miller	405 W. Van Dorn 403 W Van Dorn	9,658 2,449	
Mark McKinley	402 W. Broadway	11,537	
Harvey Blackman	414 W. Broadway	2,869	
Iron Horse Properties	416 W. Van Dorn	980	
Kent Davis	413 W. Broadway	1,235	
Edward Byrnes	401 W. Broadway	24,618	 EJB Plym's Byrnes
Kum & Co	303 W. Broadway	51,245	 Clark Matthews
Rickity Bait Tackle	301 W. Walnut	3,195	
Russell Kennedy	309 Walnut	2,517	
Mark Junaman	313 Walnut	947	
Grinnell State Bank	205 W. Broadway	9,801	 Dennis S. Seltzer, V.P.
Cupp Enterprises	213 W. Broadway	3,267	
Traw Enterprises	217 W. Broadway	3,267	
Kurt's Stocker		3,267	
Isaac Willie	113 W. Broadway	2,859	
Floyd Miller	115 N. 2nd St.	236	

Note: Attach additional sheets as required to include all signatures.

The undersigned owners of property lying outside of said above described tract, but within two hundred and fifty (250) feet of the boundaries thereof, intervening streets and alleys not included in computation of said distance, join in this petition for the purposes of having the above described real estate rezoned from C1 to C.TS.

PROPERTY OWNERS WITHIN THE 250' BUFFER CONSENTING TO THE PROPOSED REZONING			
Property Owner Name:	Address:	Parcel Acreage (within buffer)	Signature:
James Reber	101 S. 2nd St.	1,401	
James Reber	107 S. 2nd St.	2,327	
John Lindahl	109 S. 2nd St.	1,140	
John Lindahl	202 W. Van Dorn	754	
1900 Holdings	119 S. 2nd St.	500	
White Calf, LLC	200 W. Van Dorn	2,848	Haylerin
Maximum Properties	214 Van Dorn	9,316	
Trent Fugere	302 W. Van Dorn	20,575	
Richard Taylor	402 W. Van Dorn	2,647	
Columbus Junction	201 N 3rd St	2,008	
Columbus Junction	"	1,174	
Columbus Junction	"	9,801	
Columbus Junction	"	1,634	
Columbus Junction	"	6,685	

Note: Attach additional sheets as required to include all signatures.

CONSENT TABLE
(Percentage of Buffer Area Owners Consenting to Proposed Rezoning, by area)

Property Owner	Parcel Area within 250' Buffer (Acres)	% of Total 250' Buffer Area (%)	Consenting % Only (%)
Operative Lodge 308 Truitts	3,267	1.63 %	
Betty L Miller	9,658	4.83 %	
Mark McKinley	11,637	5.77 %	5.77 %
Harvey Blackman	2,869	1.43 %	
Iron Horse Prop.	980	.49 %	
Betty Miller	2,449	1.22 %	
Kent Davis	1,235	.62 %	
Edward Byrnes	24,618	12.31 %	12.31 %
Kum & Co	51,245	25.62 %	25.62 %
Blk City Boat Storage	3,195	1.60 %	
Russell Kennedy	2,517	1.26 %	
Mark Jungmann	947	.47 %	
Columbus Junction	21,302	10.65 %	10.65 %
Erinnell State Bank	9,801	4.9 %	4.9 %
Cupp Enterprises	3,267	1.63 %	
Tracy Enterprises	3,267	1.63 %	
Kurtis Stacker	3,267	1.63 %	
Jason Willie	2,869	1.43 %	
Floyd Miller	236	0.12 %	
TOTALS	Acres	See 2nd sheet	%*

* Must have at least 50% Consent for Proposed Rezoning.

CONSENT TABLE

(Percentage of Buffer Area Owners Consenting to Proposed Rezoning, by area)

Property Owner	Parcel Area within 250' Buffer (Acres)	% of Total 250' Buffer Area (%)	Consenting % Only (%)
James Reber	3,788	1.89 %	
John Lindahl	1,146	0.57 %	
Issue Holdings	560	0.28 %	
John Lindahl	754	0.38 %	
White Calf, LLC	2,848	1.42 %	1.42 %
Maximum Properties	9,316	4.60 %	
Trent Fugere	20,575	10.28 %	
Richard Taylor	2,547	1.27 %	
TOTALS	Acres	100.00 %	60.67 %*

* Must have at least 50% Consent for Proposed Rezoning.

BROKEN ARROW CENTER

DATE: JUL 2016, 11:44:00 AM

REZONING MAP

OWNER/DEVELOPER
 SENDERS CONSTRUCTION
 PO BOX 260
 POLK CITY, IA 50226
 (515) 321-8004

CURRENT ZONING
 C1

PROPOSED ZONING
 C1S

LEGAL DESCRIPTION
 LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN POLK CITY,
 NOW INCLUDED IN AND FORMING A PART OF POLK CITY, IOWA.



#	OWNER	APPROX SQ FT WITHIN 250'	PERCENTAGE
1	OPERATIVE LODGE 308 TRUSTEES	3,287	1.63%
2	CITY OF POLK CITY	0	0.00%
3	CITY OF POLK CITY	0	0.00%
4	CITY OF POLK CITY	0	0.00%
5	BRETT E MILLER	9,608	4.80%
6	MARY D MC KINLEY	11,517	5.77%
7	HARVEY B BLACKMAN	2,869	1.43%
8	HUN HOUSE PROPERTIES LLC	980	0.49%
9	BRETT E MILLER	2,449	1.22%
10	KENT E DAVIS	1,735	0.82%
11	POLK COUNTY	0	0.00%
12	EDWARD J BYRNES	26,418	13.15%
13	NUM & CO	51,185	25.50%
14	POLK CITY BAIT AND TACKLE	3,195	1.60%
15	RUSSELL D KENNEDY	2,517	1.26%
16	MARIS JUNGMANN	947	0.47%
17	COLUMBUS JUNCTION PARK	2,078	1.03%
18	COLUMBUS JUNCTION PARK	1,174	0.59%
19	COLUMBUS JUNCTION PARK	9,801	4.90%
20	COLUMBUS JUNCTION PARK	1,674	0.82%
21	COLUMBUS JUNCTION PARK	4,463	2.21%
22	CITY OF POLK CITY	0	0.00%
23	GRINNELL STATE BANK	9,801	4.90%
24	CLIPP ENTERPRISES LLC	3,267	1.63%
25	FRACK ENTERPRISES LLC	3,467	1.73%
26	KURTIS B STOCKER	3,767	1.89%
27	JASON K WILLE	2,819	1.41%
28	FLOYD W MILLER	236	0.12%
29	JAMES E EBER	1,465	0.73%
30	JAMES K REBER	2,327	1.16%
31	JOHN D LINDAHL	1,186	0.59%
32	1866 HOLDINGS LLC	560	0.28%
33	JOHN D LINDAHL	754	0.38%
34	WHITES CAFE LLC	2,848	1.42%
35	CITY OF POLK CITY	0	0.00%
36	MANAGAM PROPERTIES LLC	9,316	4.66%
37	CITY OF POLK CITY	0	0.00%
38	TRENT J EUGERE	20,575	10.28%
39	RICHARD M TAYLOR	2,547	1.27%
TOTALS		200,590	100.00%



AEC ASSOCIATED ENGINEERING COMPANY OF IOWA
 2917 Martin Luther King Jr. Pkwy Des Moines, IA 50310
 Phone: (515) 255-3156 Fax: (515) 255-3157

Broken Arrow Center
104 S. 3rd St.
Polk City, IA 50226

Legal Description –

Lots 1 and 2 and NE 2/3 of Lot 4 in Block 10 in Polk City, Now included in and forming a part of Polk City, Iowa.

Legal Description

Sender's Construction LLC
Rezoning to C-TS

LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN POLK CITY, NOW INCLUDED IN AND FORMING A PART OF POLK CITY, IOWA

AND THE ADJACENT SOUTHERLY ONE-HALF OF WEST BROADWAY STREET AND ADJACENT WESTERLY ONE-HALF OF NORTH THIRD STREET TO SAID LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN THE OFFICIAL PLAT OF POLK CITY, POLK COUNTY, IOWA

ORDINANCE NO. 2016-1800

**AN ORDINANCE AMENDING THE MUNICIPAL CODE OF THE CITY OF
POLK CITY, IOWA, BY REZONING 0.15 ACRES OWNED BY SENDER'S
CONSTRUCTION, L.L.C. FROM C-1 CENTRAL BUSINESS DISTRICT TO C-
TS TOWN SQUARE BUSINESS DISTRICT**

WHEREAS, on the 18th day of July, 2016, the Planning and Zoning Commission of the City of Polk City, Iowa, recommended to the City Council that the property legally described as:

LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN POLK CITY, NOW INCLUDED IN AND FORMING A PART OF POLK CITY, IOWA

AND THE ADJACENT SOUTHERLY ONE-HALF OF WEST BROADWAY STREET AND ADJACENT WESTERLY ONE-HALF OF NORTH THIRD STREET TO SAID LOTS 1 AND 2 AND NE 2/3 OF LOT 4 IN BLOCK 10 IN THE OFFICIAL PLAT OF POLK CITY, POLK COUNTY, IOWA

be considered for rezoning 0.15 acres from to Central Business District (C-1) to Town Square Business District (C-TS); and

WHEREAS, on the 8th day of August, 2016, after due notice and hearing as provided by law, the City Council now deems it reasonable and appropriate to rezone said property.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF POLK CITY, IOWA:

Section 1: That the Municipal Code of the City of Polk City, Iowa, be and is hereby amended by rezoning the property described above from Central Business District (C-1) to Town Square Business District (C-TS).

Section 2: All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 3: This ordinance shall be in full force and effect after its passage, approval and publication as provided by law.

PASSED AND APPROVED this ____ day of ____, 2016.

Jason Morse, Mayor

ATTEST:

Jenny Gibbons, City Clerk

First Reading: _____

Second Reading: _____

Third Reading: _____

Date of Publication: _____

RESOLUTION 2016-71

**A RESOLUTION APPROVING THE CONSTRUCTION
DRAWINGS FOR LOST LAKES ESTATES PLAT 3**

WHEREAS, Diamond Development, LLC, the developer for Lost Lakes Estates Plat 3 has submitted the Construction Drawings for public improvements associated with said plat including the sanitary sewers, water main, storm sewers, utility appurtenances, street paving, sidewalks, and ADA ramps; and

WHEREAS, it shall be the developer's responsibility to obtain approval for all necessary permits prior to the start of construction, including the Iowa DNR permits for water main and sanitary sewer construction and the NPDES Storm Water Discharge permit; and

WHEREAS, the City Engineer and City Administrator have reviewed the Construction Drawings and recommend their approval to supersede Resolution 2016-63 approving the Construction Drawings for sanitary sewer and water only approved by City Council on July 11, 2016.

NOW, THEREFORE, BE IT RESOLVED, the City Council of the City of Polk City, Iowa hereby approves the Construction Drawings for the Public Improvements associated with Lost Lakes Estates Plat 3.

PASSED AND APPROVED the 8th day of August, 2016.

Jason Morse, Mayor

ATTEST:

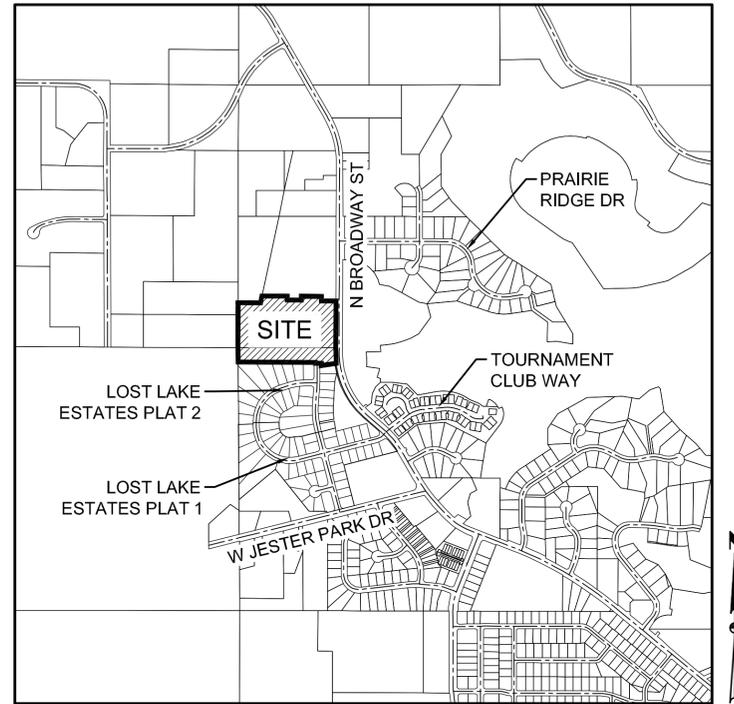
Jenny Gibbons, City Clerk

CONSTRUCTION PLANS FOR: LOST LAKE ESTATES PLAT 3

POLK CITY, IOWA

VICINITY MAP

NOT TO SCALE



POLK CITY, IOWA

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	HYDRANT COVERAGE PLAN
3-4	TYPICAL SECTIONS AND DETAILS
5	QUANTITIES AND REFERENCE NOTES
6	TYPICAL POLK CITY CONSTRUCTION NOTES
7-8	GRADING PLAN
9-10	EROSION AND SEDIMENT CONTROL PLAN
11-18	PLAN AND PROFILES
19-22	WATER MAIN PLAN AND PROFILES
23-25	INTERSECTION DETAILS

GENERAL LEGEND

PROPOSED	EXISTING
SECTION LINE	SANITARY MANHOLE
CENTER LINE	WATER VALVE BOX
RIGHT OF WAY	FIRE HYDRANT
PERMANENT EASEMENT	WATER CURB STOP
TEMPORARY EASEMENT	WELL
TYPE SW-501 STORM INTAKE	STORM SEWER MANHOLE
TYPE SW-503 STORM INTAKE	STORM SEWER SINGLE INTAKE
TYPE SW-505 STORM INTAKE	STORM SEWER DOUBLE INTAKE
TYPE SW-506 STORM INTAKE	FLARED END SECTION
TYPE SW-513 STORM INTAKE	DECIDUOUS TREE
TYPE SW-401 STORM MANHOLE	CONIFEROUS TREE
TYPE SW-402 STORM MANHOLE	DECIDUOUS SHRUB
TYPE SW-301 SANITARY MANHOLE	CONIFEROUS SHRUB
STORM/SANITARY CLEANOUT	ELECTRIC POWER POLE
WATER VALVE	GUY ANCHOR
FIRE HYDRANT ASSEMBLY	STREET LIGHT
SIGN	POWER POLE W/ TRANSFORMER
DETECTABLE WARNING PANEL	UTILITY POLE W/ LIGHT
WATER CURB STOP	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
USE AS CONSTRUCTED (UAC)	UNDERGROUND TV CABLE
MINIMUM PROTECTION ELEVATION (MPE)	GAS MAIN
TOP OF PROPOSED GROUND (TG)	FIBER OPTIC
	UNDERGROUND TELEPHONE
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	FIELD TILE
	SANITARY SEWER W/ SIZE
	STORM SEWER W/ SIZE
	WATER MAIN W/ SIZE

OWNER / DEVELOPER

DIAMOND DEVELOPMENT LLC
CONTACT: DARRYL BRESSON
309 EAST 1ST STREET
ANKENY, IOWA 50021

ENGINEER / SURVEYOR

CIVIL DESIGN ADVANTAGE
CONTACT: ERIN OLLENDIKE
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH. (515) 369-4400
FX. (515) 369-4410

ZONING

R-1AR RESTRICTED TO A MINIMUM 80' LOT WIDTH, 9500 SF AREA AND 35' REAR YARD SETBACK

BENCHMARKS

BM#1
BURY BOLT NW CORNER WEST BROADWAY & KINGS PLACE
ELEVATION=972.52

BM#2
SANITARY SEWER MANHOLE NE CORNER BROADWAY & TOURNAMENT CLUB WAY
ELEVATION=968.71

SUBMITTAL DATES

FIRST SUBMITTAL: 06/02/2016
SECOND SUBMITTAL: 06/28/2016
THIRD SUBMITTAL: 07/25/2016
FOURTH SUBMITTAL: 08/02/2016

LEGAL DESCRIPTION

PARTS OF LOT 16, LOT 18, LOT 19, LOT 20 AND LOT 21 AND OUTLOT 'Z', LOST LAKE ESTATES PLAT 2, AN OFFICIAL PLAT, ALL LYING IN THE WEST HALF OF SECTION 35, TOWNSHIP 81 NORTH, RANGE 25 WEST OF THE FIFTH PRINCIPAL MERIDIAN IN THE CITY OF POLK CITY, POLK COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 35; THENCE NORTH 0°13'24" WEST ALONG THE WESTERLY LINE OF SAID SECTION 35, 450.08 FEET; THENCE NORTH 89°13'57" EAST, 225.00 FEET; THENCE NORTH 11°53'30" EAST, 32.39 FEET; THENCE SOUTH 89°48'49" EAST, 257.58 FEET; THENCE SOUTH 0°11'11" WEST, 19.35 FEET; THENCE SOUTH 89°48'49" EAST, 140.00 FEET; THENCE NORTH 0°11'11" EAST, 37.21 FEET; THENCE SOUTH 89°48'49" EAST, 200.00 FEET; THENCE SOUTH 0°11'11" WEST, 47.91 FEET; THENCE SOUTH 89°48'49" EAST, 150.00 FEET; THENCE SOUTH 0°11'11" WEST ALONG SAID RIGHT-OF-WAY LINE, 516.27 FEET; THENCE CONTINUING ALONG SAID RIGHT-OF-WAY LINE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY WHOSE RADIUS IS 851.51 FEET, WHOSE ARC LENGTH IS 102.01 FEET, AND WHOSE CHORD BEARS SOUTH 3°14'45" EAST, 101.95 FEET TO THE NORTHEAST CORNER OF OUTLOT 'Z', LOST LAKE ESTATES PLAT 1, AN OFFICIAL PLAT; THENCE SOUTH 7°35'33" EAST CONTINUING ALONG SAID RIGHT-OF-WAY LINE, 22.14 FEET; THENCE NORTH 89°49'19" WEST ALONG THE SOUTHERLY LINE OF SAID OUTLOT 'Z', LOST LAKE ESTATES PLAT 2, 159.10 FEET TO THE SOUTHWEST CORNER OF SAID OUTLOT 'Z', SAID PLAT 2; THENCE NORTH 0°11'11" EAST ALONG THE WESTERLY LINE OF SAID OUTLOT 'Z', SAID PLAT 2, 21.96 FEET TO THE NORTHWEST CORNER OF SAID OUTLOT 'Z', SAID PLAT 2; THENCE NORTH 89°48'49" WEST ALONG THE NORTHERLY LINE OF SAID PLAT 2, 60.00 FEET TO THE EASTERLY LINE OF LOT 29, SAID PLAT 2; THENCE NORTH 0°11'11" EAST CONTINUING ALONG SAID NORTHERLY LINE, 8.95 FEET; THENCE NORTH 89°48'49" WEST CONTINUING ALONG SAID NORTHERLY LINE, 764.56 FEET TO THE NORTHWEST CORNER OF SAID PLAT 2; THENCE NORTH 0°18'59" WEST ALONG SAID WESTERLY LINE OF SAID SECTION 35, 153.63 FEET TO THE POINT OF BEGINNING AND CONTAINING 14.20 ACRES (618,719 SQUARE FEET).

PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.



UTILITY WARNING

ANY 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.



3405 SE CROSSROADS DR. SUITE G GRIMES, IOWA 50111

PH: (515) 369-4400 Fax: (515) 369-4410

PROJECT NO. 1604.189

THIS PROJECT REQUIRES AN IOWA NPDES PERMIT #2. 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.

REFER TO THE NORTH BROADWAY CONCEPT GEOTECHNICAL ENGINEERING REPORT PREPARED BY CONSTRUCTION MATERIALS TESTING (CMT) DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER PREPARED BY CMT DATED APRIL 29, 2013, FOR GEOTECHNICAL REQUIREMENTS.

THE 2016 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

PRELIMINARY
NOT FOR CONSTRUCTION

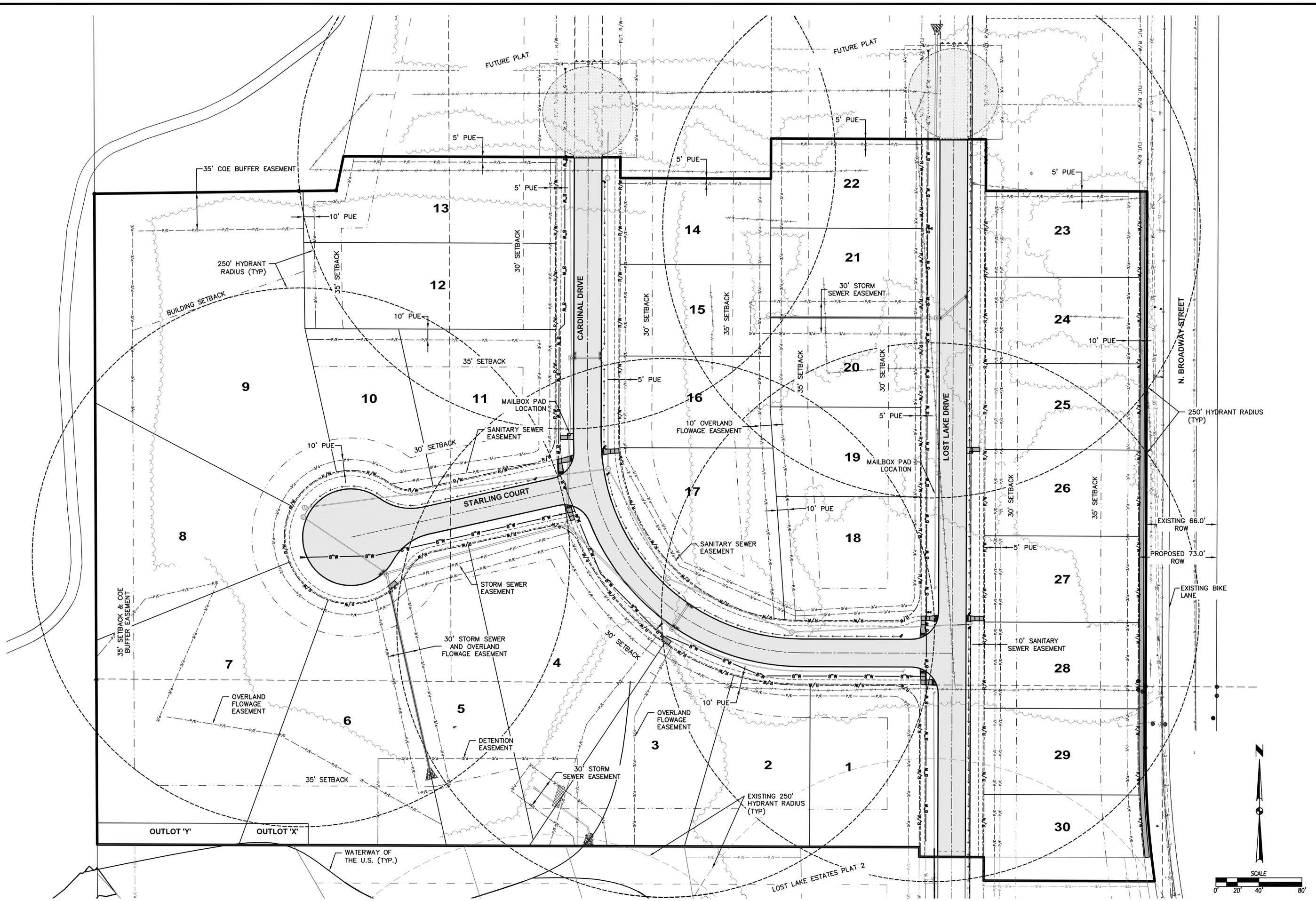
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

ERIN K. OLLENDIKE, P.E. DATE _____

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2017
PAGES OR SHEETS COVERED BY THIS SEAL: _____

ALL SHEETS

FILE: H:\2016\1604\1604189\1604189-COV-BE-TAB.DWG
 COMMENTS: ENCL
 PLOTTED BY: AARON MURRAY
 DATE: 8/22/2016 11:01 AM



REVISIONS	DATE
FOURTH SUBMITTAL	08/02/16
THIRD SUBMITTAL	07/25/16
SECOND SUBMITTAL	06/28/16
FIRST SUBMITTAL	06/02/16

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



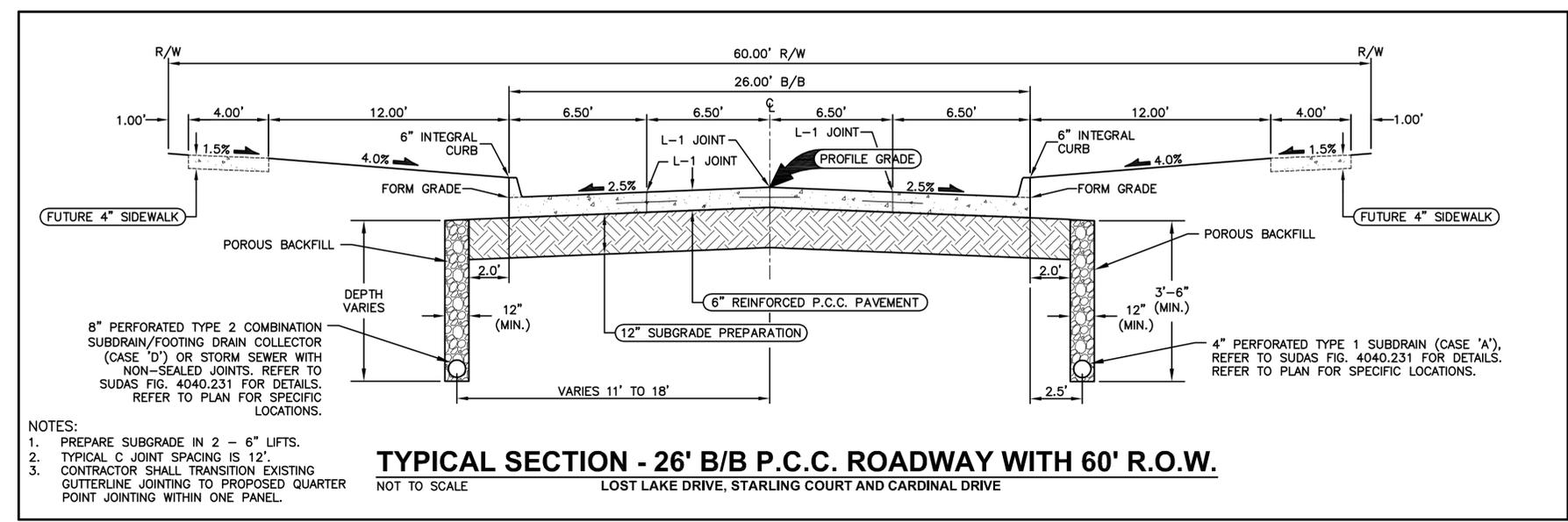
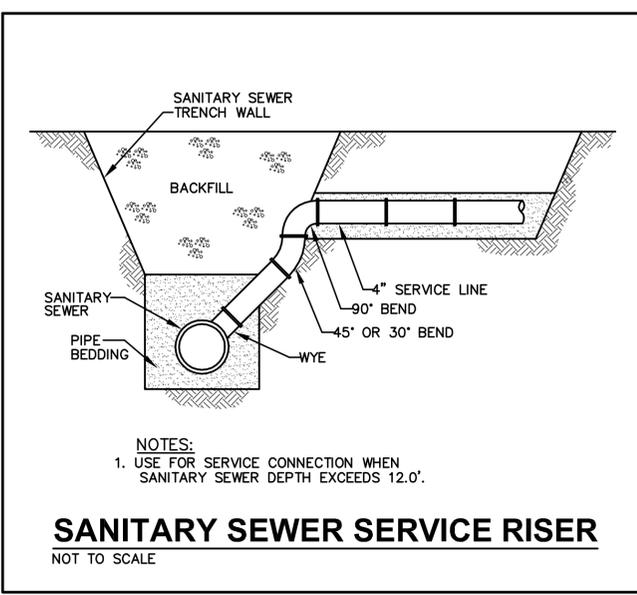
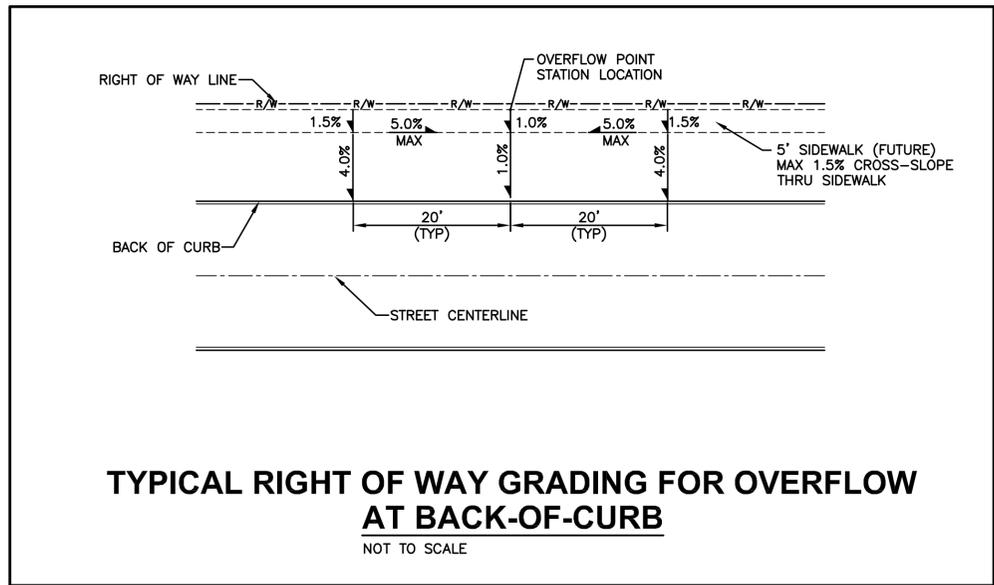
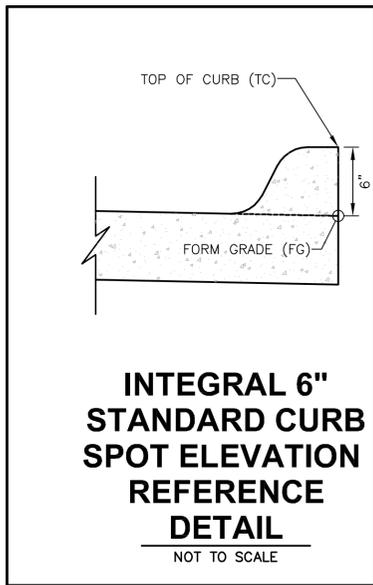
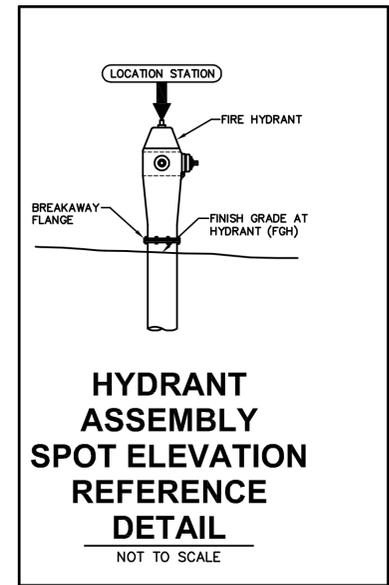
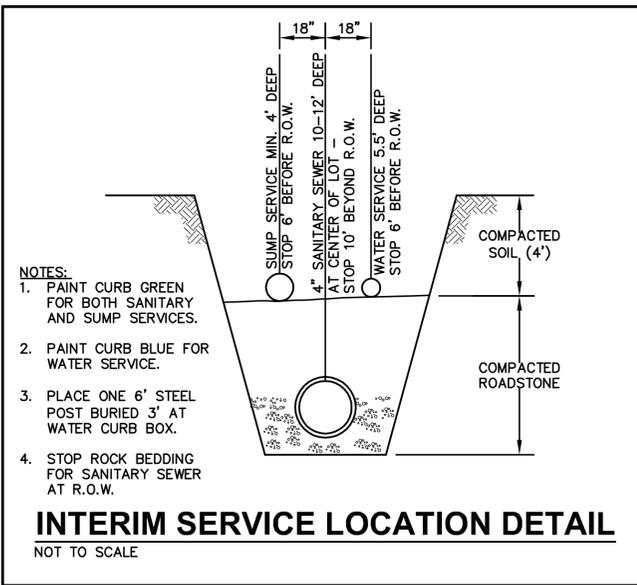
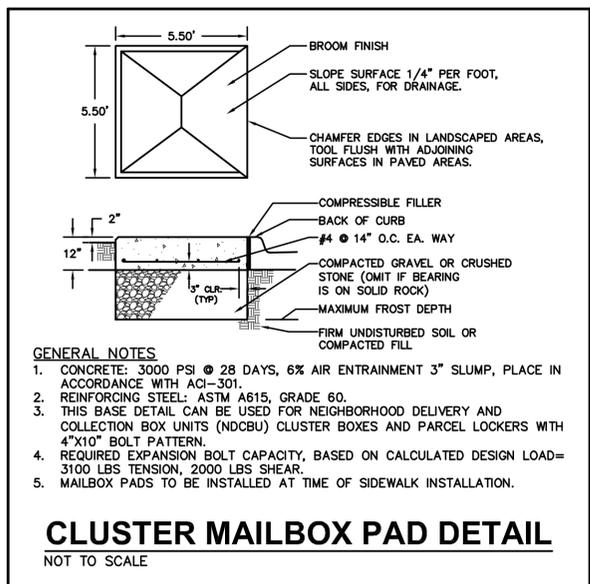
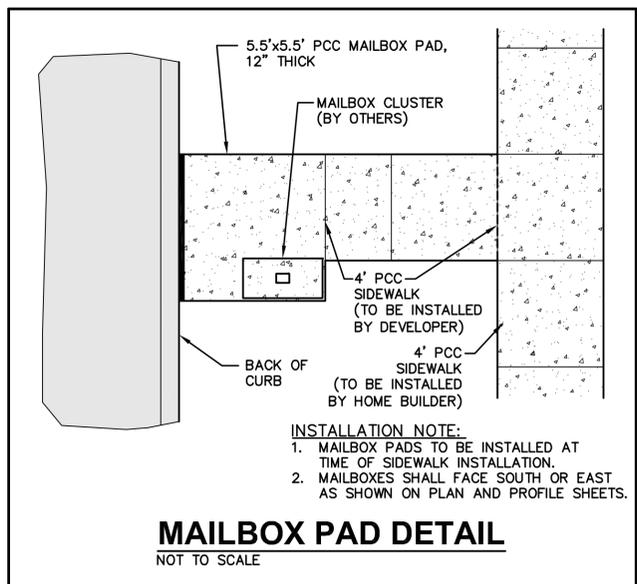
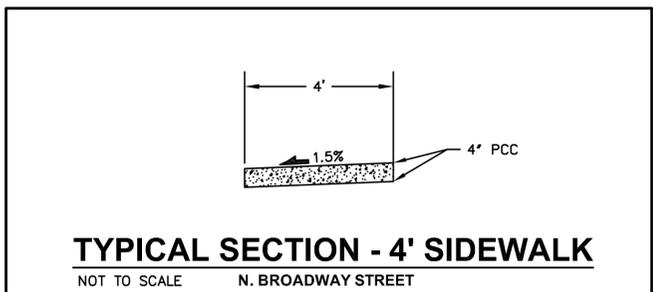
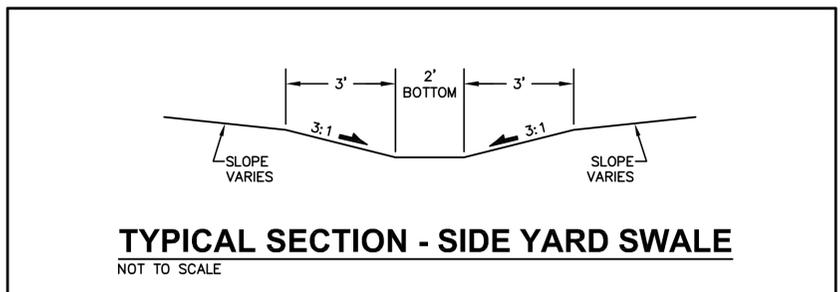
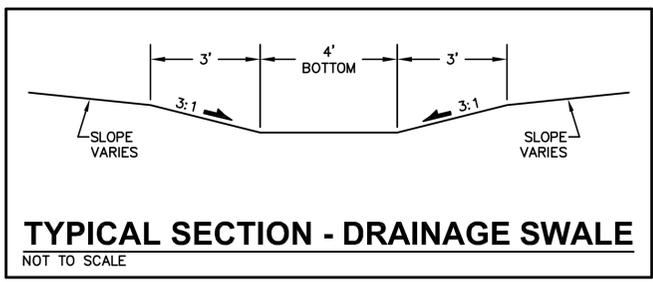
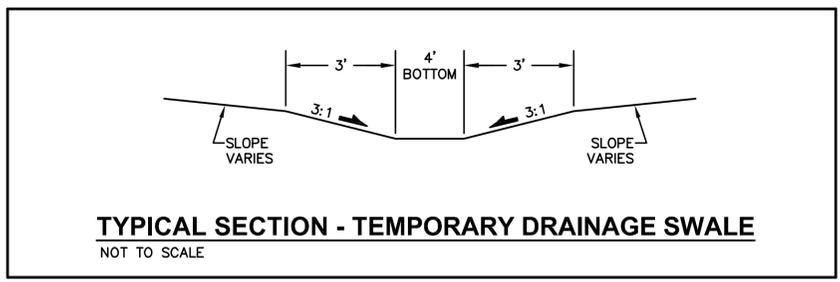
LOST LAKE ESTATES PLAT 3
HYDRANT COVERAGE PLAN

DATE	08/02/16
REVISIONS	FOURTH SUBMITTAL
	THIRD SUBMITTAL
	SECOND SUBMITTAL
	FIRST SUBMITTAL

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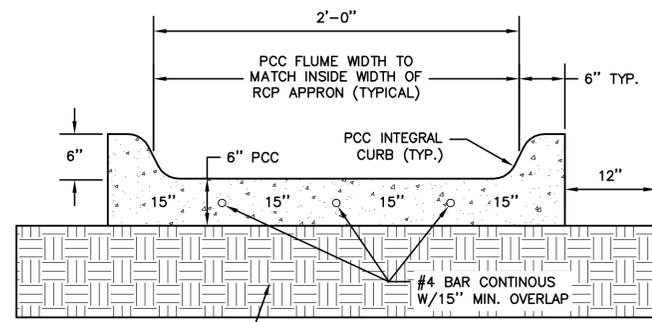


LOST LAKE ESTATES PLAT 3
TYPICAL SECTIONS AND DETAILS
POLK CITY, IOWA

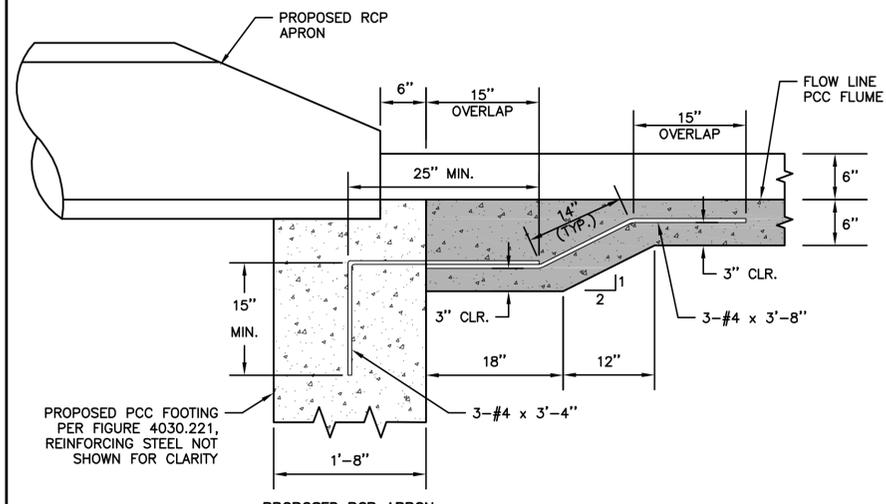


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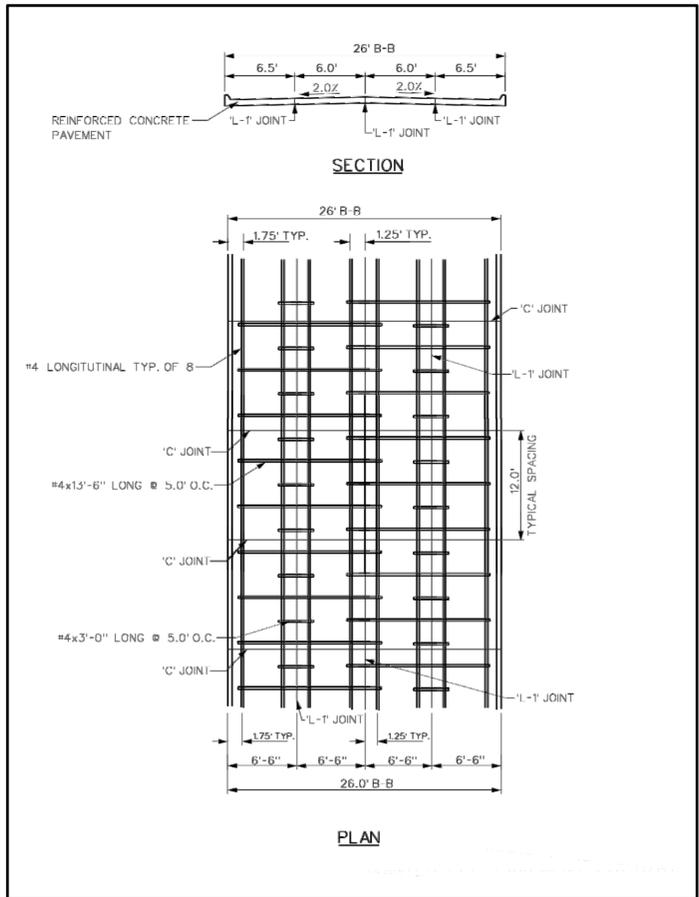
FILE: H:\2016\1604189\1604189-COV-DET-TAB.DWG
 COMPONENT: PLOT
 PLOTTED BY: GREG MURRAY
 DATE: 8/22/2016 11:02 AM
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TYPICAL CROSS SECTION



PCC FLUME DETAIL
 NOT TO SCALE



CONTINUOUSLY REINFORCE
 JOINTED PCC PAVEMENT
 NOT TO SCALE

REVISIONS	DATE
FOURTH SUBMITTAL	08/02/16
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LOST LAKE ESTATES PLAT 3
 TYPICAL SECTIONS AND DETAILS
 POLK CITY, IOWA

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	COMBINED CLEARING AND GRUBBING	AC	27.7
2	STRIPPING, SALVAGING AND SPREAD TOPSOIL	LS	1
3	CLASS 10 EXCAVATION	LS	1
4	SUBGRADE PREPARATION	SY	5966
5	CONNECT TO EXISTING SANITARY SEWER	EA	1
6	SANITARY SEWER GRAVITY MAIN, 8" DIA	LF	984
7	SANITARY SERVICE STUB	EA	31
8	CONNECT TO EXISTING STORM SEWER	EA	2
9	SUBDRAIN, PVC, 4" DIA	LF	1579
10	STORM SEWER, TRENCHED, RCP, 15" DIA	LF	704
11	STORM SEWER, TRENCHED, RCP, 18" DIA	LF	585
12	COMBINATION STORM SEWER SUMP, 8" DIA	LF	883
13	STORM SEWER, TRENCHED, HDPE, 10" DIA	LF	65
14	STORM SEWER SERVICE STUB	EA	31
15	STORM SEWER, 10" HDPE APRON	EA	2
16	STORM SEWER, 15" RCP APRON	EA	3
17	STORM SEWER, 18" RCP APRON	EA	3
18	FOOTING FOR CORRUGATED PIPE APRON, HDPE, 10" DIA	EA	2
19	FOOTING FOR CONCRETE PIPE APRON, RCP, 15" DIA	EA	3
20	FOOTING FOR CONCRETE PIPE APRON, RCP, 18" DIA	EA	2
21	PIPE APRON GUARD	EA	8
22	CONNECT TO EXISTING WATERMAIN	EA	1
23	WATER MAIN, TRENCHED, 8" DIA	LF	1801
24	WATER SERVICE STUB, 1" DIA	EA	31
25	VALVE, 8" DIA	EA	6
26	FIRE HYDRANT ASSEMBLY	EA	5
27	TEMPORARY FIRE HYDRANT ASSEMBLY	EA	1
28	TEMPORARY FIRE HYDRANT ASSEMBLY (RELOCATE)	EA	1
29	MANHOLE, TYPE SW-301, 48" DIA	EA	5
30	MANHOLE, TYPE SW-401, 48" DIA	EA	4
31	MANHOLE, TYPE SW-401, 60" DIA	EA	1
32	INTAKE, TYPE SW-501	EA	1
33	INTAKE, TYPE SW-503	EA	1
34	INTAKE, TYPE SW-505	EA	2
35	INTAKE, TYPE SW-506	EA	3
36	STORM SEWER CLEANOUT	EA	10
37	PAVEMENT, 6" REINFORCED P.C.C.	SY	5228
38	SIDEWALK RAMPS, 6" P.C.C.	SY	65
39	SIDEWALK, 4" P.C.C.	SY	288
40	MAILBOX PAD, 12" P.C.C.	SY	4
41	FLUME, 6" P.C.C.	SY	188
42	DETECTABLE WARNING PANELS	SF	72
43	CONVENTIONAL SEEDING, FERTILIZING, AND MULCHING	AC	26.5
44	ROAD CLOSURE SIGNS	EA	5
45	ROAD CLOSURE SIGNS (RELOCATE)	EA	5
46	DEMOLITION	LS	1
47	6-INCH GRANULAR TURNAROUND	SY	1236
48	CLASS 'E' RIP-RAP	TONS	40
49	TURF REINFORCEMENT MAT, LANDLOK 300	SF	2220

ESTIMATE REFERENCE INFORMATION

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
	THE 2016 EDITION OF SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS OTHERWISE NOTED. ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS.
1	CLEAN AND GRUB ALL AREAS AFFECTED BY GRADING OPERATIONS. THE CONTRACTOR SHALL FIELD VERIFY CLEARING AND GRUBBING NEEDS PRIOR TO BIDDING. INCLUDES REMOVAL OF ANY EXISTING FIELD FENCE. ALL MATERIAL THAT IS REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
2	STRIP, SALVAGE AND RESPREAD TOPSOIL. RESPREAD SALVAGED TOPSOIL WITHIN THE RIGHT OF WAY, ON BACKSLOPES AND IN DEVELOPED AREAS. TOPSOIL TO BE RESPREAD SHALL BE FREE OF ROCK AND DEBRIS AND BE SUITABLE FOR THE GROWTH OF GRASS. COORDINATE LOCATION OF STOCKPILE WITH OWNER.
3	EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.
4	REFER TO SHEET 3 TYPICAL SECTION DETAIL FOR TYPICAL LOCATIONS AND THICKNESS.
5	REFER TO SHEETS 11 AND 12 FOR LOCATION.
6-14	REFER TO FIG. 3010.101 AND 3010.103 FOR PIPE EMBEDMENT AND BACKFILL DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. CONNECTION TO EXISTING SEWER SHALL BE CONSIDERED INCIDENTAL. COMPACTION TESTING TO BE PROVIDED ALONG EXISTING SANITARY SEWER LOCATED ON LOST LAKE DRIVE THAT WAS INSTALLED DURING LOST LAKE ESTATES PLAT 1 CONSTRUCTION ACTIVITIES..
7	REFER TO SHEET 3 FOR TYPICAL SANITARY SEWER SERVICE STUB DETAIL. RISERS WERE INSTALLED WITH LOST LAKE ESTATES PLAT 1 CONSTRUCTION FOR LOTS 18-30. REFER TO SHEETS 11 AND 12 FOR LOCATIONS. EXISTING SANITARY SEWER TO BE FLUSHED ONCE SERVICE EXTENSIONS ARE INSTALLED. IF NEW SERVICE WYES ARE INSTALLED, THE EXISTING SANITARY SEWER WILL NEED TO BE RE-TELEVIEWED AND MAY BE SUBJECT TO ADDITIONAL TESTING.
8	REFER TO SHEETS 11 AND 17 FOR LOCATIONS.
9	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 1 (CASE 'A') INSTALLATION
12	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 2 (CASE 'D') INSTALLATION
15-17	THE LAST THREE SECTIONS AND APRON SHALL BE CONNECTED WITH PIPE CONNECTORS, PER SECTION 4030, 3.02C. REFER TO FIG. 4030.221 FOR RCP APRON SECTION FOOTING DETAIL FOR APRON INSTALLATION DETAILS.
21	APRON GUARD REQUIRED ON ALL APRONS. REFER TO IOWA DOT STANDARD ROAD PLAN RF-26 FOR DETAILS.
22	REFER TO SHEET 19 FOR LOCATION.
23-24	REFER TO FIG. 3010.101 AND 3010.104 FOR PIPE EMBEDMENT DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG. 5010.101 FOR THRUST BLOCK DETAILS. PROVIDE POLYETHYLENE ENCASEMENT PER SECTION 5010 3.05. REFER TO FIG. 5010.102 FOR TRACER WIRE DETAILS. ALL FITTINGS, THRUST BLOCKS, POLYETHYLENE ENCASEMENT AND TRACER SYSTEM SHALL BE CONSIDERED INCIDENTAL.
26-28	REFER TO FIG. 5020.201 - FIRE HYDRANT DETAIL FOR FIRE HYDRANT CONSTRUCTION DETAILS. INCLUDES ANCHORING TEE, ANCHORING ELBOW, GATE VALVE, VALVE BOX, ANCHORING PIPE, ANCHORING COUPLING, ELBOWS AND FIRE HYDRANT.
29	REFER TO FIG. 6010.301 FOR SW-301 SANITARY SEWER MANHOLE CONSTRUCTION DETAILS. REFER TO FIG. 6010.601 - CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. TYPE A CASTINGS WITH TYPE 1/1 TOP HAT BARRIERS ARE REQUIRED FOR ALL MANHOLES. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION.
30-31	REFER TO FIG. 6010.401 - SW-401 CIRCULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS.
32	REFER TO FIG. 6010.501 - SW-501 SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
33	REFER TO FIG. 6010.503 - SW-503 SINGLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
34	REFER TO FIG. 6010.505 - SW-505 DOUBLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
35	REFER TO FIG. 6010.506 - SW-506 DOUBLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
36	REFER TO FIG. 4040.232 - SUBDRAIN CLEANOUTS FOR CONSTRUCTION DETAILS.
37	REFER TO FIG. 7010.101 - JOINTS (TRANSVERSE CONTRACTION) AND FIG. 7010.4B - JOINTS (LONGITUDINAL CONTRACTION) FOR JOINT DETAILS. INSTALL HANDICAP CURBS AT LOCATIONS OF ALL FUTURE SIDEWALKS. REFER TO INTERSECTION SHEETS FOR JOINTING. TYPICAL C JOINT SPACING IS 12 FEET.
38,42	ALL ACCESSIBLE RAMPS SHALL BE INSTALLED WITH THE PUBLIC IMPROVEMENTS. DETECTABLE WARNING PANELS ARE TO BE GRAY IN COLOR.
40	REFER TO SHEET 3 FOR CONSTRUCTION DETAILS. REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS.
41	REFER TO SHEET 4 FOR CONSTRUCTION DETAILS.
43	SEED MIXTURE SHALL CONFORM TO THE SPECIFICATIONS FOR A TYPE(4) SEED MIXTURE. SEED AND MULCH ALL DISTURBED AREAS ONCE THEY ARE AT FINAL GRADE WITH TYPE 4 (URBAN TEMPORARY EROSION CONTROL MIXTURE).
44-45	FIVE OF THE PROPOSED SIGNS SHALL BE REMOVED AND REUSED FROM THE END OF LOST LAKE DRIVE.
46	ITEM SHALL INCLUDE REMOVAL OF ALL FIELD FENCE, ELECTRICAL POLES ON PROPERTY AND FIELD ENTRANCE. WORK WITH ELECTRIC COMPANY TO ENSURE SERVICE HAS BEEN ABANDONED. REFER TO SHEET 7 FOR LOCATION OF FIELD ENTRANCE.
47	REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS.
48	REFER TO FIG. 9040.10 - RIP RAP APRON FOR PIPE OUTLET ONTO FLAT GROUND FOR CONSTRUCTION DETAILS.
49	REFER TO SHEET 8 FOR LOCATION.

GENERAL NOTES

- 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 CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THEREOF. 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.
- PRIOR TO CONSTRUCTION AND PRIOR TO CULVERT CONSTRUCTION AND BACKFILL, UTILITY CONSTRUCTION, SUBGRADE PREP, MAIN LINE PAVING, AND BOX-OUT PAVING, CONTRACTOR SHALL NOTIFY (48 HRS NOTICE) THE FOLLOWING:
A. CITY OF POLK CITY
B. SNYDER & ASSOCIATES
C. APPROPRIATE UTILITY COMPANIES
D. OWNER
E. CIVIL DESIGN ADVANTAGE
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING HIS EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN ALL SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT. INCLUDING STAGING OF CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
- THE CONTRACTOR MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY.
- SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THE PROFILES SHOWN ON THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.
- TO OBTAIN THE CORRECT FORM GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHEN PAVING FULL WIDTH PAVEMENTS. THIS MAY REQUIRE POURING ONE HALF OF THE PAVEMENT AT A TIME OR OTHER METHODS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS.
- PLAN AND PROFILE SHEETS INCLUDED IN THE PROJECT ARE FOR THE PURPOSE OF ALIGNMENT, LOCATION AND SPECIFIC DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHEETS IS NOT TO BE CONSIDERED A PART OF THIS CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED ON THE STORM WATER POLLUTION PREVENTION PLAN.
- IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN.
- ALL TRAFFIC CONTROL SHALL COMPLY WITH MUTCD.
- ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
- DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
- ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- ALL FIELD TILES ENCOUNTERED SHALL BE REPAIRED AND CONNECTED TO STORM SEWERS WHERE POSSIBLE. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR NOTATION ON AS-BUILTS.
- ANY 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.
- PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER OR ENGINEER, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
- CONTRACTOR SHALL COMPLY WITH ALL P.R.O.W.A.G. AND A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.
- REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND 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. PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
- ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONSTRUCTION.

TRAFFIC CONTROL NOTES

- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 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.
- THE CONTRACTOR SHALL COORDINATE HIS TRAFFIC CONTROL WITH OTHER CONSTRUCTION PROJECTS IN THE AREA.
- SIDEWALK CLOSED SIGNS REQUIRED FOR ALL SIDEWALK CLOSURES. SIGNAGE AND TEMPORARY PEDESTRIAN ACCESS ROUTE THROUGH CONSTRUCTION AREA SHALL MEET THE REQUIREMENTS OF PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), SECTION R205 AND IOWA DOT DESIGN MANUAL, CHAPTER 12A-4.
- 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.

GEOTECHNICAL RECOMMENDATIONS

- THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL RECOMMENDATIONS OF THE SOILS REPORT DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER DATED APRIL 29, 2013 PREPARED BY CONSTRUCTION MATERIAL TESTING.
- IN AREAS OF FILL UNDER PAVEMENT AND WHERE UTILITY TRENCHES EXTEND BELOW PAVEMENT, SUITABLE COHESIVE SOILS COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY DETERMINED BY ASTM D698 SHALL BE PROVIDED AND PLACED AT A MOISTURE CONTENT OF -1 TO +4 PERCENT OF OPTIMUM AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D698). NO FILL SHALL BE PLACED IN LIFTS GREATER THAN ONE FOOT IN THICKNESS.

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	SECOND SUBMITTAL
	FIRST SUBMITTAL

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LOST LAKE ESTATES PLAT 3
QUANTITIES AND REFERENCE NOTES
 POLK CITY, IOWA

5/25
 1604.189

CITY OF POLK CITY TYPICAL NOTES:

GENERAL NOTES

1. ONE WEEK PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY:
 - A. SNYDER & ASSOCIATES
 - B. DEVELOPER
 - C. ENGINEER
 - D. IOWA ONE-CALL
2. THE CONTRACTOR SHALL NOTIFY THE POLK CITY PUBLIC WORKS DIRECTOR AND SNYDER & ASSOCIATES PRIOR TO COMMENCING CONSTRUCTION AND PRIOR TO UTILITY CONSTRUCTION, SUBGRADE PREPARATION, MAIN LINE PAVING AND BOX-OUT PAVING.
3. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, CURRENT AT THE COMMENCEMENT OF CONSTRUCTION.
4. THE CONTRACTOR AND DEVELOPER'S ENGINEER SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE IS REQUIRED WITH THE CITY AND SNYDER & ASSOCIATES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
5. ALL IOWA DNR AND IOWA DOT PERMITS SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING THE NECESSARY NPDES STORM WATER DISCHARGE PERMIT AND FOR MAINTAINING EROSION CONTROL MEASURES IN CONFORMANCE WITH THE SWPPP.
6. THE CONTRACTOR SHALL PROVIDE ALL SHOP DRAWINGS AND MATERIALS SUBMITTALS TO THE DEVELOPER'S ENGINEER FOR REVIEW, APPROVAL AND THEN PROVISION TO SNYDER & ASSOCIATES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE. MATERIALS SUBMITTALS SHALL INCLUDE MANUFACTURER'S CUT SHEETS OR SIMILAR FOR PIPE MATERIALS FOR ALL UTILITIES AND UTILITY SERVICE LINES; FIRE HYDRANTS, VALVES, CURB STOPS, SUBDRAIN PIPE MATERIALS, CLEAN-OUTS, APRON GUARDS, CONCRETE MIX, MATURITY CURVES OR OTHER ACCEPTABLE TESTING. SHOP DRAWINGS SHALL INCLUDE MANHOLES, INTAKES, BOX CULVERTS, FENCING/GUARD RAILS AND OTHER SPECIALTY CONSTRUCTION ITEMS.
7. THE DEVELOPER'S ENGINEER SHALL IMMEDIATELY NOTIFY SNYDER & ASSOCIATES IF FIELD CONDITIONS DO NOT MATCH THE APPROVED CONSTRUCTION DRAWINGS. THESE CONDITIONS MAY INCLUDE, BUT ARE NOT LIMITED TO, STAKING DISCREPANCIES OF MORE THAN 0.2' VERTICAL OR 1.0' HORIZONTAL, DISCOVERY OF PIPES AND/OR FIELD TILES NOT SHOWN ON PLANS, ELEMENTS SHOWN ON PLANS THAT ARE MISSING IN THE FIELD, OR OTHER DISCREPANCIES BETWEEN THE APPROVED PLANS AND FIELD CONDITIONS.
8. THE CONTRACTOR SHALL VERIFY THE LOCATION AND PROTECT ALL UTILITIES AND STRUCTURES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY AND THE OWNER.
9. THE CONTRACTOR SHALL CONDUCT CLEAN-UP OPERATIONS ON EXISTING STREETS AND ADJACENT PRIVATE PROPERTY AT THE END OF EACH WORKING DAY OR MORE OFTEN AS DIRECTED BY THE CITY.
10. THE CONTRACTORS SHALL PROVIDE 4-YEAR MAINTENANCE BONDS, IN AN AMOUNT EQUAL TO THE COST OF CONSTRUCTION, FOR THE PAVING AND FOR WATER MAINS, SANITARY SEWERS, STORM SEWERS, INCLUDING ALL UTILITY SERVICES. THE MAINTENANCE BONDS SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING THE AS-BUILT LOCATION OF ALL SANITARY SEWER, SUMP AND WATER MAIN SERVICES. A TABLE DIMENSIONING THE DISTANCE FROM THE NEAREST PROPERTY CORNER TO EACH SERVICE SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
13. HANDICAP RAMPS, IF ANY, FOR DESIGNATED BIKE TRAILS SHALL HAVE BRICK RED TRUNCATED DOMES; ALL OTHER HANDICAP RAMPS SHALL HAVE CHARCOAL GRAY TRUNCATED DOMES FOR DETECTABLE WARNINGS.
14. THE DEVELOPER SHALL BE RESPONSIBLE FOR REIMBURSING THE CITY OF POLK CITY FOR MATERIALS COSTS FOR ALL STREET SIGNS WITHIN THIS PLAT.
15. THE DEVELOPER'S ENGINEER SHALL PROVIDE AS-BUILT MYLARS, CAD FILES IN ELECTRONIC FORMAT, AND PDF FILES OF THE FULL RECORD DRAWING SET TO THE CITY ENGINEER PRIOR TO ACCEPTANCE OF THE PUBLIC IMPROVEMENTS. RECORD DRAWINGS SHALL INCLUDE FLOW LINE ELEVATIONS OF ALL SWALES AT EACH PROPERTY LINE AS PER CITY CODE.
16. THE DEVELOPER'S SURVEYOR SHALL PROVIDE A STATEMENT TO THE CITY ENGINEER CERTIFYING THAT ALL PROPERTY CORNERS HAVE BEEN SET PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
17. CONSTRUCTION OBSERVATION FEES WILL BE BASED ON THE FOLLOWING:
 - 2,172 LF OF STORM SEWER
 - 984 LF OF SANITARY SEWER
 - 1,801 LF OF WATER MAIN
 - 1,654 LF OF PAVING

GRADING/BACKFILL NOTES

1. RECONNECT ANY FIELD TILE THAT ARE INTERCEPTED DURING UTILITY CONSTRUCTION.
2. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY IMMEDIATELY UPON DAMAGING ANY UTILITY LINE OR APPURTENANCE, OR IF THERE IS ANY INTERRUPTION OF THEIR SERVICE. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED AND APPROVED BY CITY.
3. STRIP TOPSOIL FROM ALL AREAS WHICH ARE TO BE FILLED OR CUT.
4. STOCKPILE SUFFICIENT TOPSOIL TO RESPREAD TO MINIMUM OF 4-INCHES ON UNPAVED AREAS, INCLUDING FRONT, REAR, AND SIDE YARDS OF ALL LOTS.
5. ALL AREAS TO RECEIVE FILL ARE TO BE BENCHED. PREPARE BOTTOM OF BENCH FOR FILL BY DISCING TO A DEPTH OF 6-INCHES.
6. ALL SITE GRADING FILL SHALL BE COMPACTED TO A DENSITY THAT IS NOT LESS THAN 95% STANDARD PROCTOR DENSITY.
7. THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL NOT DEVIATE FROM OPTIMUM BY MORE THAN 1% BELOW OR 4% ABOVE.
8. THE CONTRACTOR SHALL PROTECT AND BACKFILL AROUND UNDERGROUND UTILITIES. BACKFILL SHALL BE IN 6-INCH LIFTS, COMPACTED TO 95% STANDARD PROCTOR DENSITY.
9. MAINTAIN ALL CUT AND FILL AREAS FOR SURFACE DRAINAGE AT ALL TIMES.
10. FINAL GRADES WITHIN PAVED AREAS SHALL BE WITHIN 0.1' OF PLAN GRADE, ALL OTHER AREAS TO BE WITHIN 0.2' OF PLAN GRADE.
11. A MINIMUM OF ONE FOOT OF COMPACTED COHESIVE SUBGRADE SHALL BE PROVIDED BENEATH ALL PAVEMENTS.
12. ALL SLOPES WITHIN PUBLIC EASEMENTS, RIGHT-OF-WAY, PARKS, OR LAND TO BE PUBLICALLY OWNED SHALL BE GRADED TO A 4:1, MAXIMUM SLOPE.
13. ALL SLOPES ON PRIVATE PROPERTY SHALL BE 4:1 MAXIMUM, UNLESS THE SPECIFIC LOCATION(S) HAVE BEEN LABELED AS 3:1, MAXIMUM.
14. ALL EXISTING ROADSIDE DITCHES SHALL BE GRADED TO DRAIN.
15. ALL SWALES WITHIN DRAINAGE OR SURFACE WATER FLOWAGE EASEMENTS SHALL BE GRADED TO A 2% MINIMUM SLOPE, MEASURED ALONG THE FLOWLINE OF SAID SWALE. IF THE AS-BUILT CONDITION OF ANY SWALE HAS LESS THAN 2% MINIMUM SLOPE, A 6" SUBDRAIN WILL BE REQUIRED. THE SUBDRAIN SHALL HAVE CLEAR-OUTS LOCATED NEAR PROPERTY LINES WHERE POSSIBLE, BUT IN NO CASE HAVING A SPACING GREATER THAN 200 FEET.
16. HYDRANTS, MANHOLE COVERS, AND VALVE BOXES SHALL BE SET TO CONFORM TO FINISHED PAVEMENT ELEVATIONS.
17. EXISTING TREES SHALL BE SAVED TO THE EXTENT POSSIBLE TO ACCOMMODATE GRADING, UTILITY AND STREET CONSTRUCTION.
18. EXISTING TREES SHALL BE REMOVED FROM EXISTING AND PROPOSED PUBLIC RIGHT-OF-WAY UNLESS THE PUBLIC WORKS DIRECTOR PROVIDES SPECIFIC APPROVAL TO MAINTAIN CERTAIN TREES WITHIN SAID RIGHT-OF-WAY.
19. CONTRACTOR SHALL OBTAIN A GRADING PERMIT PRIOR TO COMMENCING CONSTRUCTION.

SANITARY SEWER NOTES

1. ALL 8" SANITARY SEWER SHALL BE PVC TRUSS PIPE WITH CLASS 'F-3" BEDDING UNLESS OTHERWISE NOTED ON THE DRAWINGS.
2. PROVIDE SANITARY SEWER SERVICE RISERS AS REQUIRED.
3. THE CONTRACTOR SHALL INSTALL SEWER TAPE AT THE END OF EACH SANITARY SEWER SERVICE.
4. ALL INVERTS LOCATED AT AN ELEVATION ABOVE THE CENTERLINE OF THE EXISTING THROUGH PIPE AND LESS THAN 2.0' ABOVE THE MANHOLE FLOOR SHALL HAVE A POURED-IN-PLACE SLOPED INVERT.
5. ALL MANHOLES WITHIN PAVEMENT SHALL HAVE TYPE 'B' ADJUSTABLE CASTINGS. ALL MANHOLES NOT WITHIN PAVEMENT SHALL HAVE TYPE 'A' NON-ADJUSTABLE CASTINGS.
6. ALL MANHOLES SHALL HAVE 1/1 BARRIERS.
7. ALL 4" AND 6" SANITARY SEWER SERVICES SHALL BE SDR 23.5 IN ACCORDANCE WITH URBAN STANDARD SPECIFICATIONS. ALL SERVICE LINES SHALL BE EXTENDED 10' INSIDE LOT LINES UNLESS OTHERWISE NOTED ON PLANS.
8. ALL SERVICES AND 8-INCH STUB OUTS SHALL BE CAPPED.
9. MANHOLE STEPS ARE REQUIRED IN ALL SANITARY SEWER MANHOLES.
10. MANHOLES COVERS SHALL HAVE RAISED DIAMOND ROUGHNESS PATTERN.
11. THE CONTRACTOR SHALL JET CLEAN AND VACUUM ANY SECTION OF PIPE, FROM MANHOLE TO MANHOLE, WITH MUD OR DEBRIS MORE THAN 1" DEEP, ALONG WITH ANY DOWNSTREAM SEGMENTS AS REQUIRED DUE TO THIS CONSTRUCTION.
12. THE CONTRACTOR SHALL TELEVIEW EVERY SANITARY SEWER LINE AND PROVIDE A COPY OF THE VIDEO TAPE AND FILE IN DIGITAL FORMAT TO SNYDER & ASSOCIATES. USING A 500 GALLON TANK AND GARDEN HOSE, THE CONTRACTOR SHALL GRAVITY FLOW WATER DOWN THE PIPE JUST PRIOR TO TELEVIEWING SO DIPS AND SAGS CAN BE IDENTIFIED. THE CITY SHALL NOTIFY THE CONTRACTOR OF ANY NECESSARY REPAIRS AND/OR CLEANING REQUIRED PRIOR TO COMMENCING PAVING. THE SEGMENTS SHALL THEN BE RE-TELEVIEWED TO DEMONSTRATE PIPES ARE CLEAN. REPAIRS, IF NECESSARY, AND RE-TELEVIEWING SHALL BE AT THE CONTRACTOR'S EXPENSE.
13. CONTRACTOR SHALL SWEEP ALL JOINTS TO REMOVE ROCKS AND DEBRIS FROM THE ENDS OF PIPE PRIOR TO MAKING THE JOINT CONNECTION. REPAIRS, IF NECESSARY, DUE TO ROCKS AND/OR DEBRIS IN JOINT(S) SHALL BE AT THE CONTRACTOR'S EXPENSE.
14. SAGS IN PIPE SHALL NOT EXCEED TOLERANCES AS SPECIFIED BY SUDAS. REPAIRS, IF NECESSARY, AND RE-TELEVIEWING SHALL BE AT THE CONTRACTOR'S EXPENSE.
15. EXISTING MAIN TO BE FLUSHED AFTER SANITARY SEWER SERVICE EXTENSION. IF NEW WYES NEED TO BE CUT IN, SANITARY MAIN WILL NE TO BE RE-TELEVIEWED AND MAY BE SUBJECT TO ADDITIONAL TESTING.

STORM SEWER NOTES

1. ADDITIONAL RIP-RAP MAY BE REQUIRED AT THE FES BASED UPON FIELD REVIEW BY CITY OF POLK CITY.
2. PROVIDE SUBDRAIN BEHIND BACK OF CURB ON PUBLIC STREETS AS REQUIRED BASED ON SUBSURFACE MOISTURE CONDITIONS. ANY SUBDRAIN CROSSING UNDER THE PAVEMENT SHALL BE RCP PIPE.
3. ALL CURB INTAKES SHALL HAVE TYPE "R" VANE GRATES.
4. ALL INTAKES SHALL BE POURED-IN-PLACE CONCRETE OR PRECAST CONCRETE.
5. ALL 12" AND LARGER STORM SEWERS SHALL BE RCP.
6. 8-INCH FOOTING DRAINS TO BE PVC, SDR 35.
7. FOOTING DRAIN SERVICES TO BE 4-INCH PVC, SDR 35. EXTEND SERVICES 10' INSIDE LOT UNLESS OTHERWISE NOTED.
8. ALL INTAKES SHALL BE LOCATED A MINIMUM OF 7.5 FEET FROM END OF RETURNS.
9. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 3'-6" COVER ON ALL STORM SEWER, INCLUDING SUMP SERVICES.
10. INSTALL CONTINUOUS PERFORATED SUBDRAIN IN LOCATIONS SHOWN ON PLANS.
11. ALL SUBDRAIN, 6-INCHES OR SMALLER, SHALL HAVE CRITTER GUARDS.
12. ALL CLEAN-OUTS SHALL BE SET IN A 12" X 12" CONCRETE PAD.
13. FLARED END SECTIONS AND LAST 3 PIPE SECTIONS MUST BE TIED. ALL FLARED END SECTIONS SHALL HAVE 48-INCH FOOTINGS AND APRON GUARD.
14. ADDITIONAL RIP RAP MAY BE REQUIRED AT ANY FES BASED UPON FIELD REVIEW BY THE CITY OF POLK CITY.

PAVING NOTES

1. THE CONTRACTOR SHALL ATTEND A PRE-POUR MEETING WITH THE CITY AND SNYDER & ASSOCIATES PRIOR TO COMMENCING PAVING OPERATIONS. NO PAVING OPERATIONS SHALL BEGIN UNTIL CONTRACTOR HAS RECEIVED AUTHORIZATION FROM SNYDER & ASSOCIATES.
2. THE CONTRACTOR WILL NEED TO PROVIDE COPIES OF ALL TEST RESULTS REPORTING, INCLUDING BUT NOT LIMITED TO COMPACTION TESTS AND SANITARY SEWER TELEVIEWING, TO SNYDER & ASSOCIATES FOR REVIEW PRIOR TO REQUESTING THE PRE-POUR MEETING.
3. ALL ELEVATIONS ARE PROPOSED FINISHED GRADE AT TOP OF CURB UNLESS OTHERWISE NOTED.
4. PAVEMENTS SHALL BE 6" REINFORCED PCC PAVEMENT.
5. ALL STREETS SHALL HAVE 6" INTEGRAL CURBS.
6. PROVIDE CURB DROPS FOR SIDEWALKS AT INTERSECTIONS.
7. CONSTRUCTION OF HANDICAP ACCESSIBLE RAMPS, WITH DETECTIBLE WARNINGS AND INCLUDING COMMON SQUARE, SHALL BE THE RESPONSIBILITY OF THE HOMEBUILDER UNLESS OTHERWISE NOTED ON THE PLANS.

WATER MAIN NOTES

1. PIPE MATERIALS SHALL BE AWWA C900, CLASS 150 PVC.
2. INSTALL NO. 10 THHN STANDARD COPPER TRACER WIRE UNDER PIPE, BRING TRACER WIRE TO SURFACE AT HYDRANTS, TERMINATING IN RECEPTACLE BOX.
3. CONNECT NEW TRACER TO EXISTING USING APPROVED SPLICE KIT AND PROVIDE A GROUND ROD AT END OF TRACER WIRE FOR LOCATION AND EXTENSION IN FUTURE. THE CITY WILL TEST THE TRACER WIRE PRIOR TO ACCEPTANCE OF PLAT AND REPAIRS, IF ANY, SHALL BE AT THE CONTRACTOR'S EXPENSE.
4. HYDRANTS SHALL BE SET 3.5 FEET FROM THE WATER MAIN.
5. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY THAT FIRE HYDRANTS WILL NOT CONFLICT WITH SIDEWALK CONSTRUCTION.
6. HYDRANTS, MANHOLE COVERS AND VALVE BOXES SHALL BE SET TO CONFORM TO FINISHED PAVEMENT ELEVATIONS.
7. HYDRANTS TO BE WATROUS PRODUCTS, OPEN LEFT, PAINTED YELLOW.
8. STOP BOXES FOR 1" THROUGH 2" WATER SERVICE LINES SHALL INCLUDE A STAINLESS STEEL SELF-CENTERING ROD WITH STAINLESS STEEL COTTER PIN WITHIN THE A STOP BOX HOUSING. ALL STOP BOX INSTALLATIONS SHALL BE COMPLETED IN SUCH A MANNER THAT THE LID IS ALLOW TO RAISE WITH THE FROST AND LOWER IF DRIVEN OVER WITH OUT DAMAGE TO CURB VALVE. FINISH GRADE OF THE LID SHALL BE LEVEL WITH THE SURROUNDING SURFACE AND DOES NOT PRESENT A HAZARD TO THE PUBLIC.
9. ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
10. SERVICES TO BE 1-INCH COPPER.
11. RISER RODS ARE REQUIRED AT ALL CURB STOPS.
12. WATER MAIN TO HAVE 5½ FEET BURY, TYPICAL EXCEPT AT CRITICAL CROSSINGS.
13. ALL VALVES SHALL HAVE A VALVE BOX ADAPTER INSTALLED TO MAINTAIN ALIGNMENT.
14. THE CONTRACTOR SHALL REMOVE CHAINS ON ALL HYDRANTS.
15. THE CONTRACTOR SHALL WORK WITH THE CITY OF POLK CITY WATER DEPARTMENT AND SNYDER & ASSOCIATES WHEN OPERATING EXISTING VALVES. WATER SHALL NOT BE TURNED ON WITHOUT PRIOR APPROVAL OF THE CITY OF POLK CITY.
16. WATER CAN NOT BE USED BY THE CONTRACTOR UNLESS IT IS PART OF THE PURIFICATION PROCESS OF THE NEW MAIN. WATER NEEDED FOR ANY REASON AFTER BACTERIA TESTING HAS BEEN COMPLETED AND PASSED WILL NEED PRIOR APPROVAL FROM THE CITY OF POLK CITY.
17. PROVIDE 2" BLOW-OFF AT THE TERMINAL END OF THE 8" WATER LINE UNLESS HYDRANT HAS BEEN PROVIDED.
18. WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED, WITH SNYDER & ASSOCIATES PRESENT. RESULTS OF TESTS SHALL BE PROVIDED TO PUBLIC WORKS. IF ANY TESTS DO NOT PASS, THE CONTRACTOR SHALL REIMBURSE THE CITY FOR THE COST OF THE WATER ASSOCIATED WITH RE-TESTING.

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06/02/16	FIRST SUBMITTAL

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LOST LAKE ESTATES PLAT 3
POLK CITY CONSTRUCTION NOTES
 POLK CITY, IOWA

GRADING NOTES

1. LOST LAKE ESTATES PLATS 3 & 4 WILL BE MASS GRADED.
2. NO GRADING FOR TRAIL CONNECTION WILL BE ALLOWED ON ARMY CORPS OF ENGINEERS GROUND UNTIL USACE/DNR APPROVES TRAIL CONNECTION AND EASEMENT PLAT IS SIGNED.

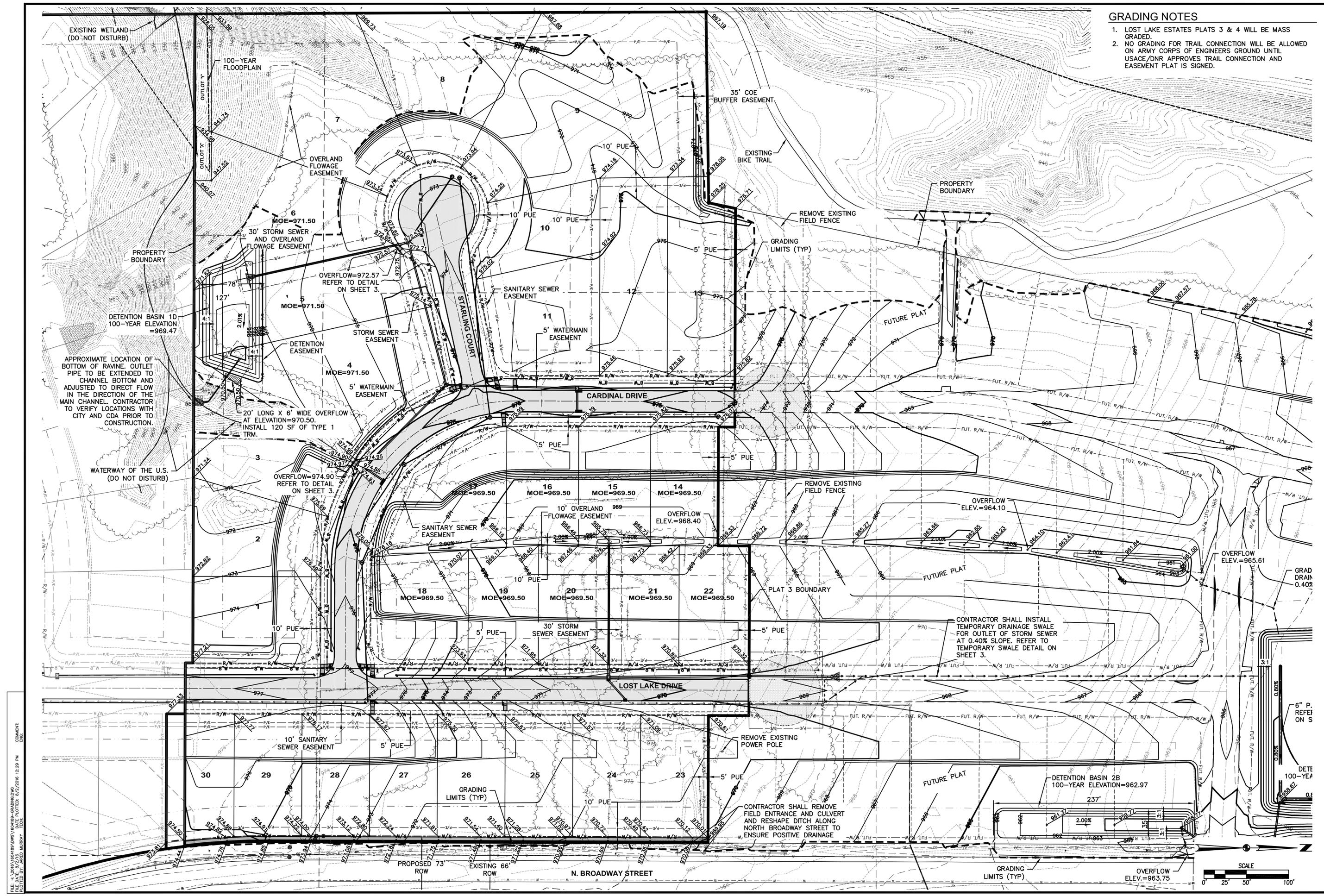
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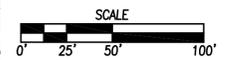


POLK CITY, IOWA

LOST LAKE ESTATES PLAT 3
GRADING PLAN



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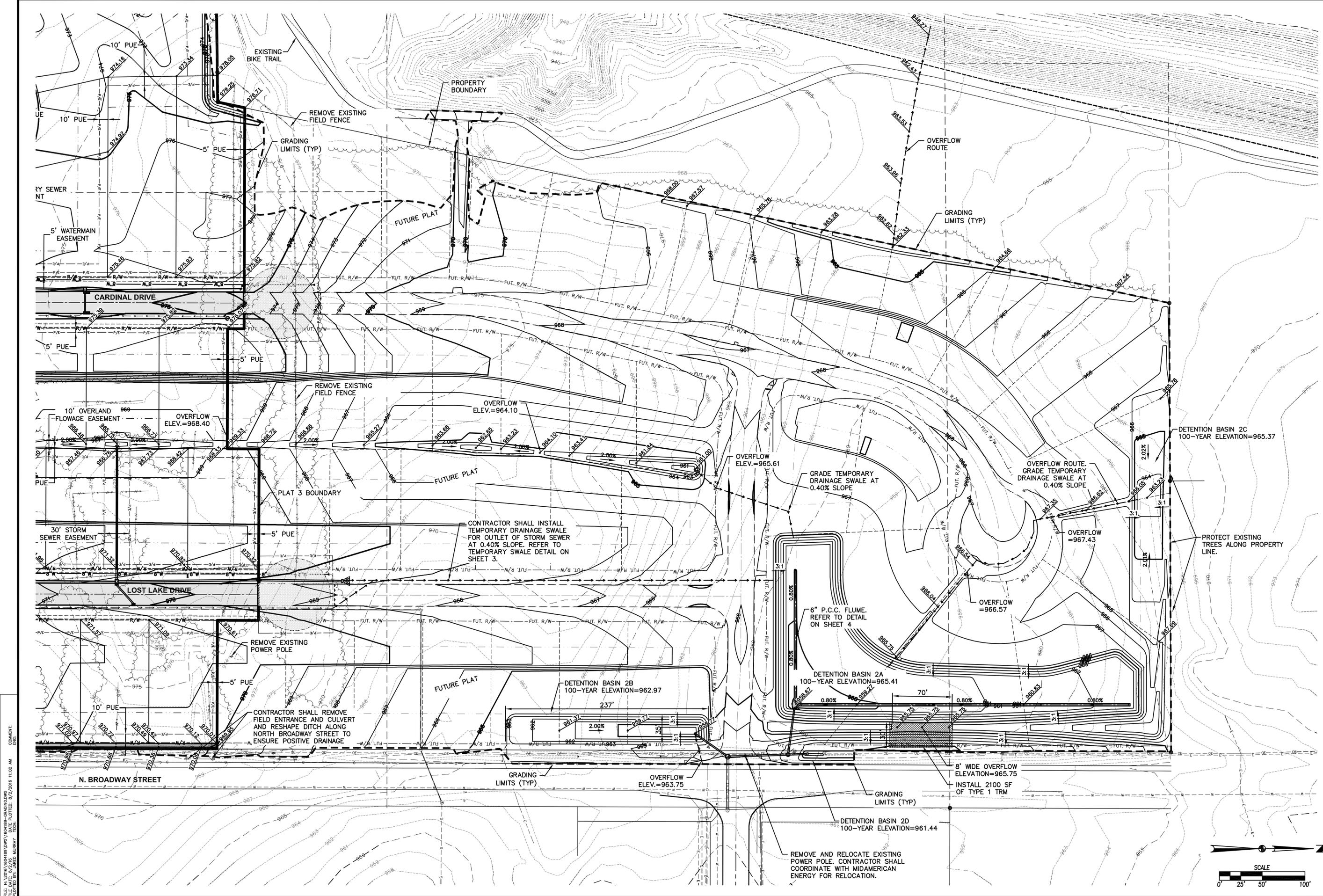
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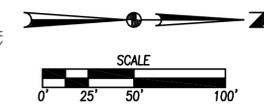
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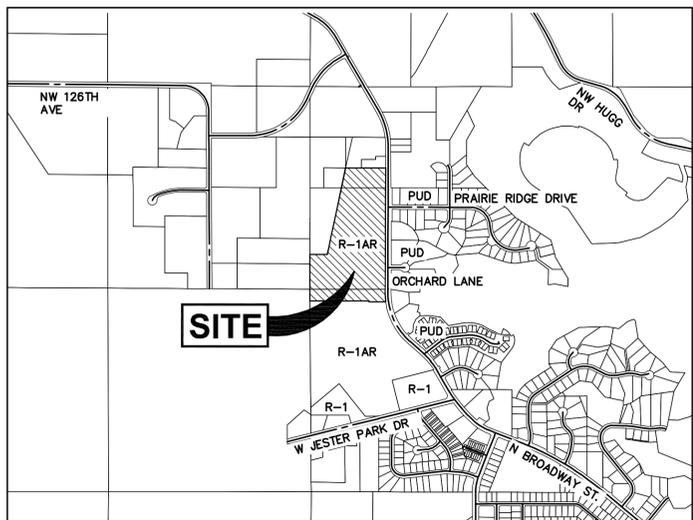
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LOST LAKE ESTATES PLAT 3
GRADING PLAN
 POLK CITY, IOWA

LOST LAKE ESTATES PLAT 3

EROSION AND SEDIMENT CONTROL PLAN

VICINITY MAP

NOT TO SCALE



POLK CITY, IOWA

DISCHARGE POINT SUMMARY

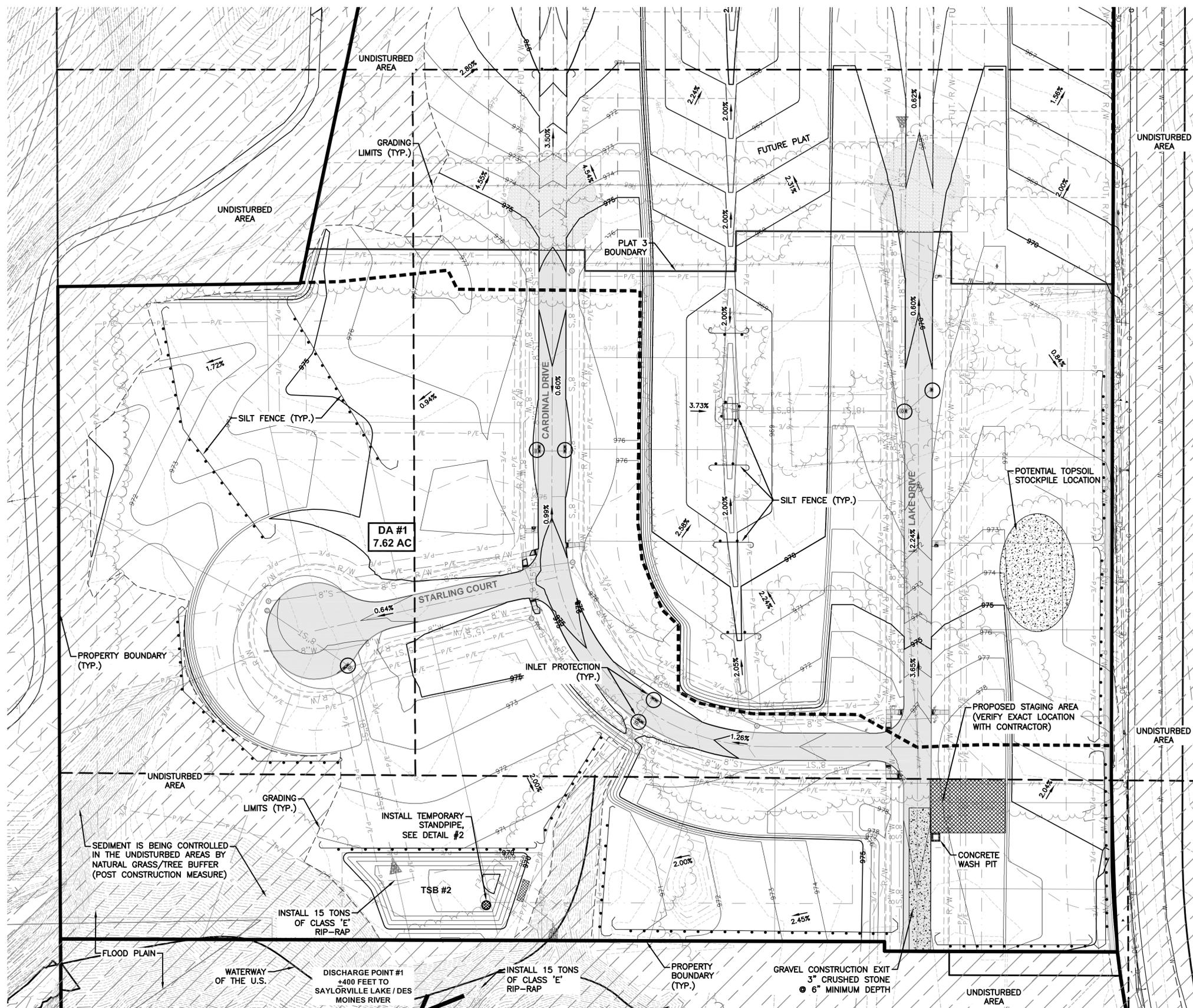
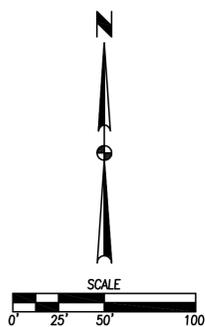
DISCHARGE POINT #1 TO SAYLORVILLE LAKE/DES MOINES RIVER ±300 FT	7.78 ACRES
TOTAL AREA DISTURBED TO DISCHARGE POINT	28,008 CU FT
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	
VOLUME PROVIDED IN SILT FENCE (1997 LF @ AVG OF 15 CU FT/LF OF FENCE)	29,955 CU FT
TOTAL VOLUME PROVIDED	29,955 CU FT
DISCHARGE POINT #2 TO SAYLORVILLE LAKE/DES MOINES RIVER ±300 FT	20.06 ACRES
TOTAL AREA DISTURBED TO DISCHARGE POINT	72,180 CU FT
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	
VOLUME PROVIDED IN SILT FENCE (423 LF @ AVG OF 4.5 CU FT/LF OF FENCE)	1,903 CU FT
TOTAL VOLUME PROVIDED	93,088 CU FT
VOLUME PROVIDED IN TSB #1	94,991 CU FT
TOTAL VOLUME PROVIDED	

STABILIZATION QUANTITIES

ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE	LF	2,420
2	SEEDING, FERTILIZING, AND MULCHING	AC	26.11
3	INLET PROTECTION DEVICES	EA	7
4	CONCRETE WASHOUT PIT	EA	1
5	12" PVC TEMPORARY STANDPIPE	EA	1

SWPPP LEGEND

DRAINAGE ARROW	
GRADING LIMITS	
FILTER SOCK	
SILT FENCE	
INLET PROTECTION	
PORTABLE RESTROOM	
CONCRETE WASHOUT PIT	
TEMPORARY STANDPIPE	
UNDISTURBED AREA	
RIPRAP	
GRAVEL ENTRANCE	
STAGING AREA	
TEMPORARY SEDIMENT BASIN	



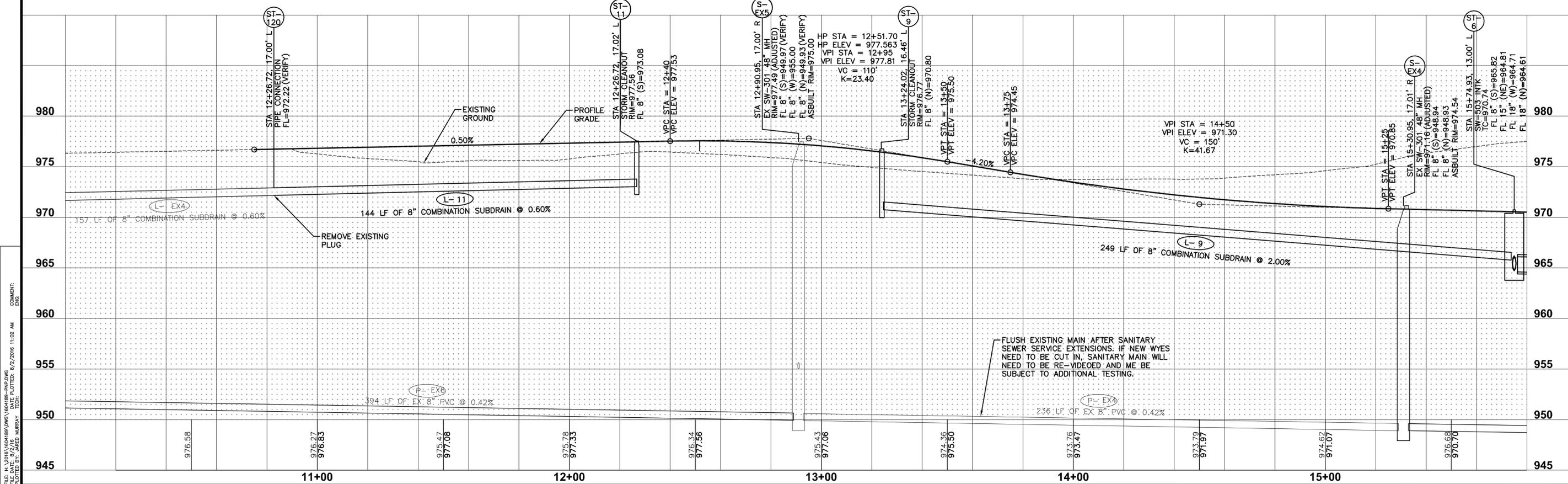
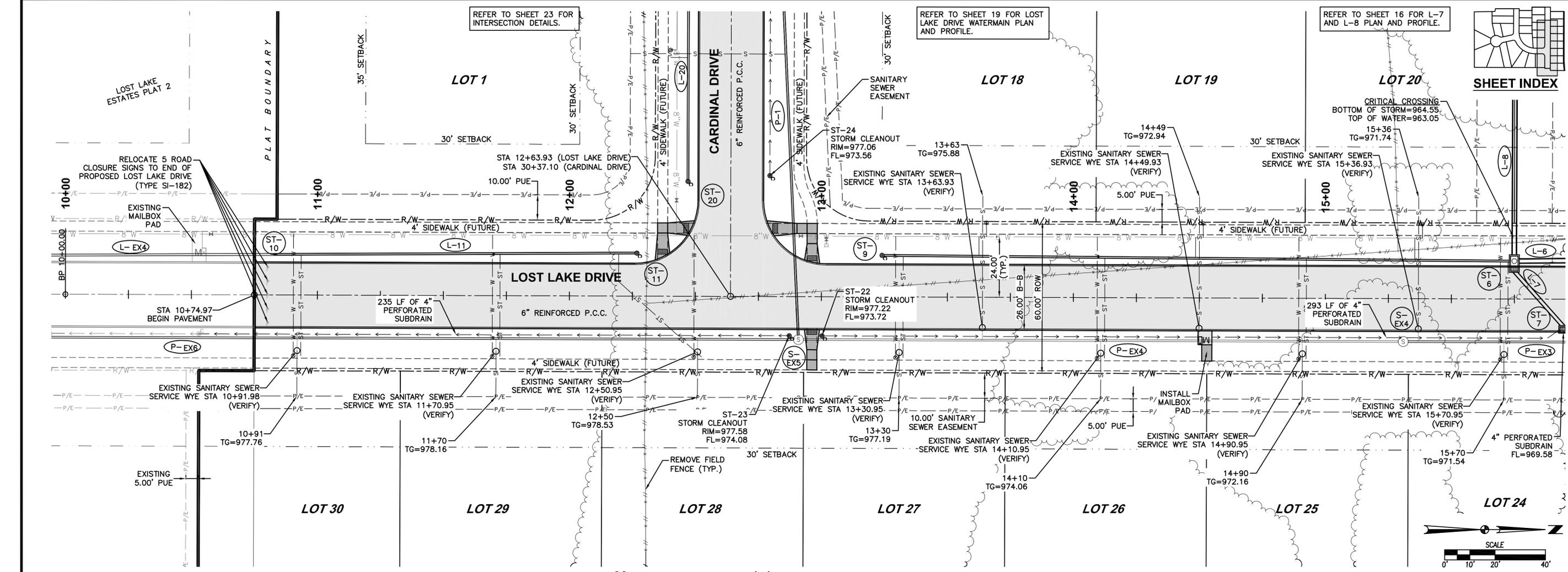
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FIRST SUBMITTAL	06/02/16

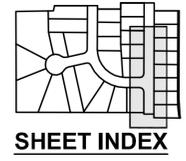
3405 S.E. CROSSROADS DRIVE, SUITE G
 GRIMES, IOWA 50111
 PHONE: (515) 369-4400 FAX: (515) 369-4410
 ENGINEER: EKO EI: GH



LOST LAKE ESTATES PLAT 3
EROSION & SEDIMENT CONTROL PLAN
 POLK CITY, IOWA



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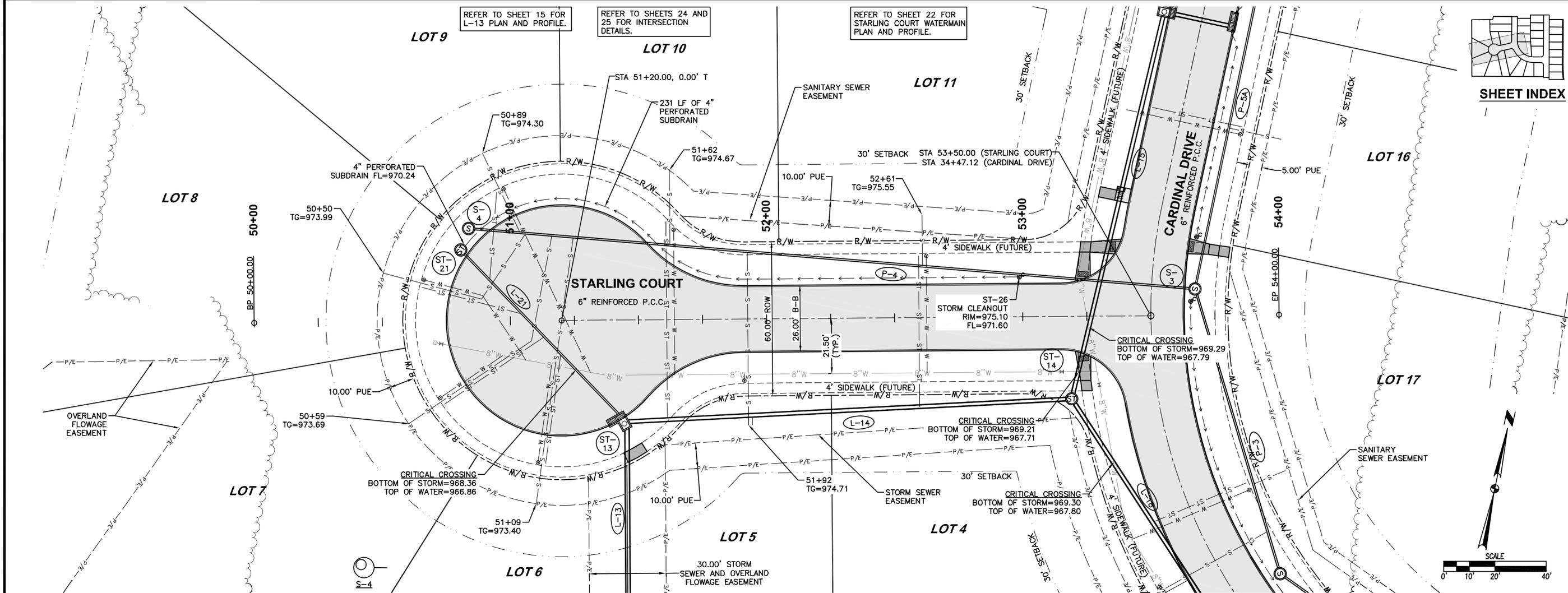
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06/28/16	FIRST SUBMITTAL

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LOST LAKE ESTATES PLAT 3

STORM AND SANITARY PLAN AND PROFILE



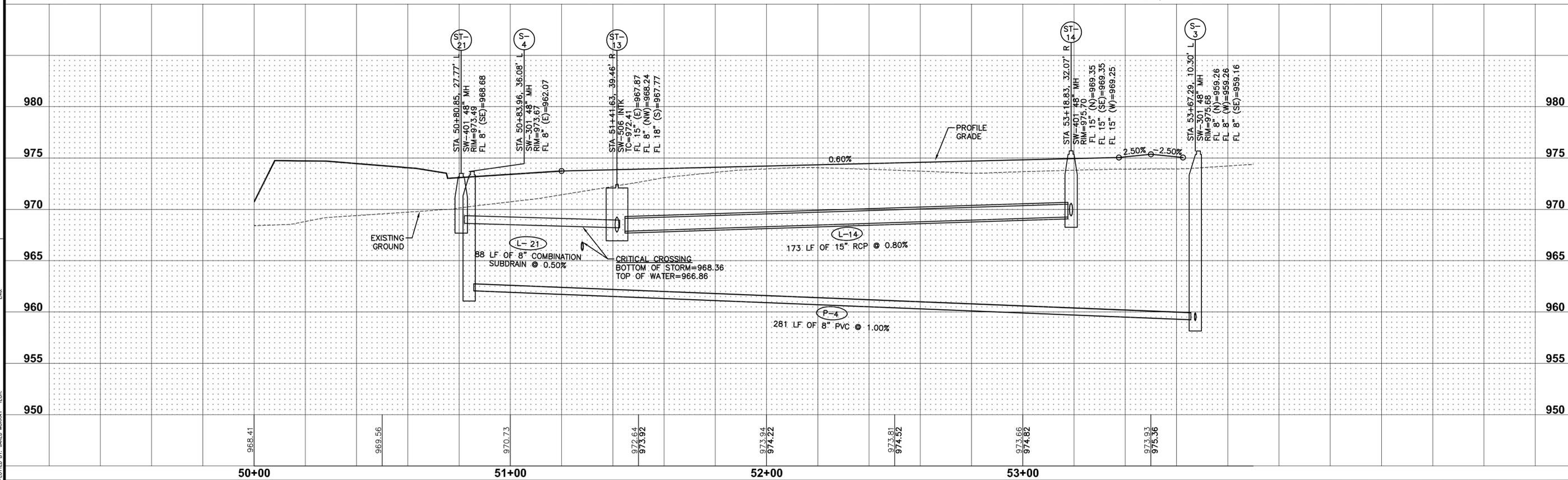
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SECOND SUBMITTAL	06/28/16
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LOST LAKE ESTATES PLAT 3
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA

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REFER TO SHEET 18 FOR L-24 PLAN AND PROFILE.



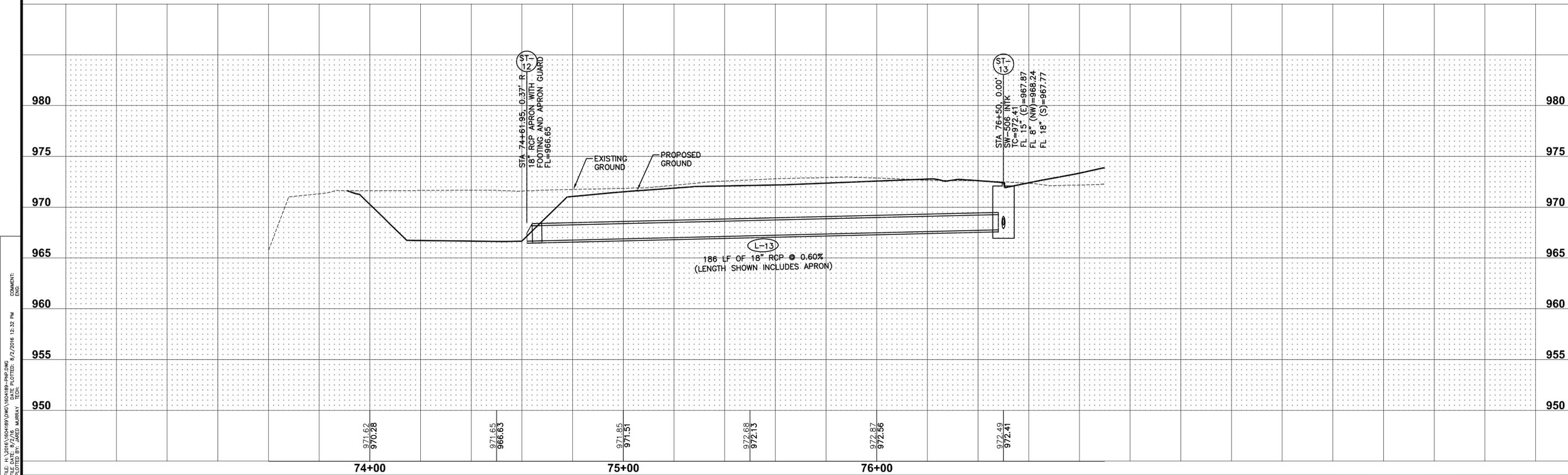
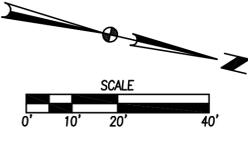
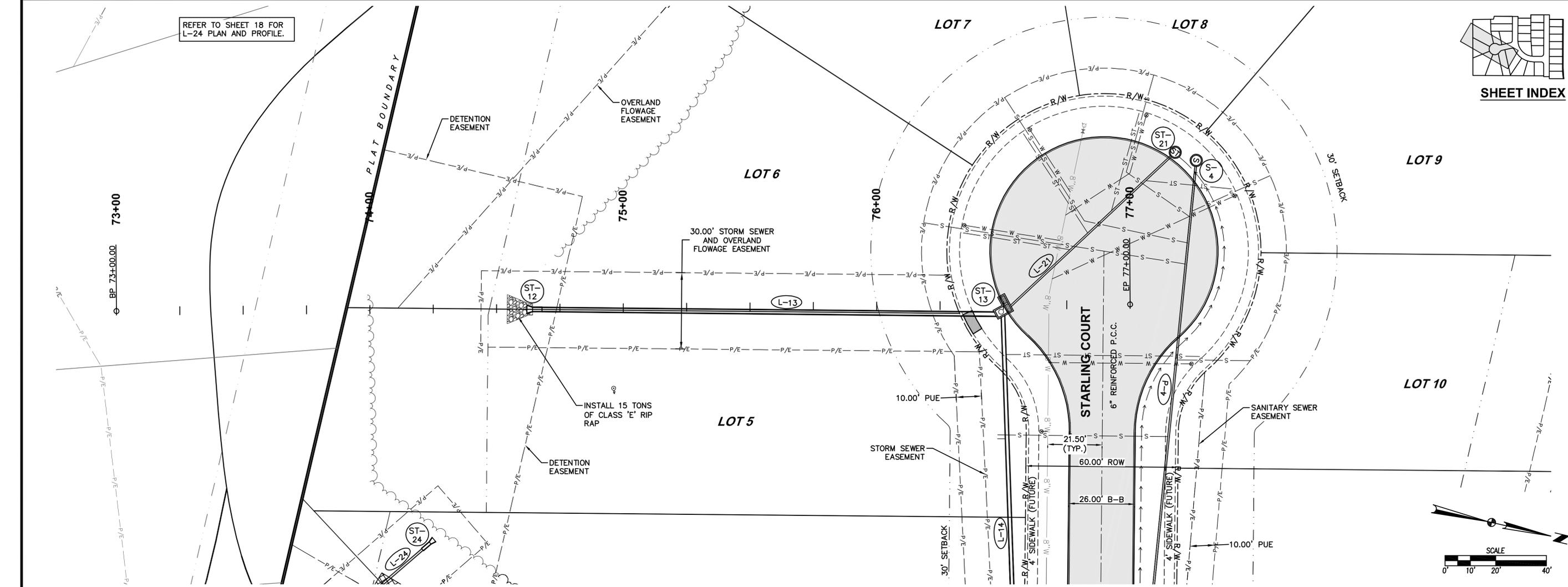
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THIRD SUBMITTAL	07/25/16
SECOND SUBMITTAL	06/28/16
FIRST SUBMITTAL	06/02/16

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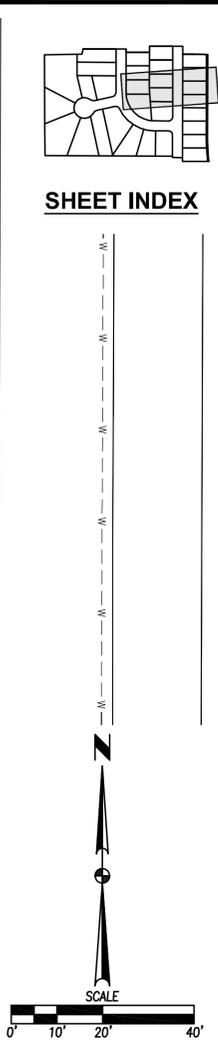
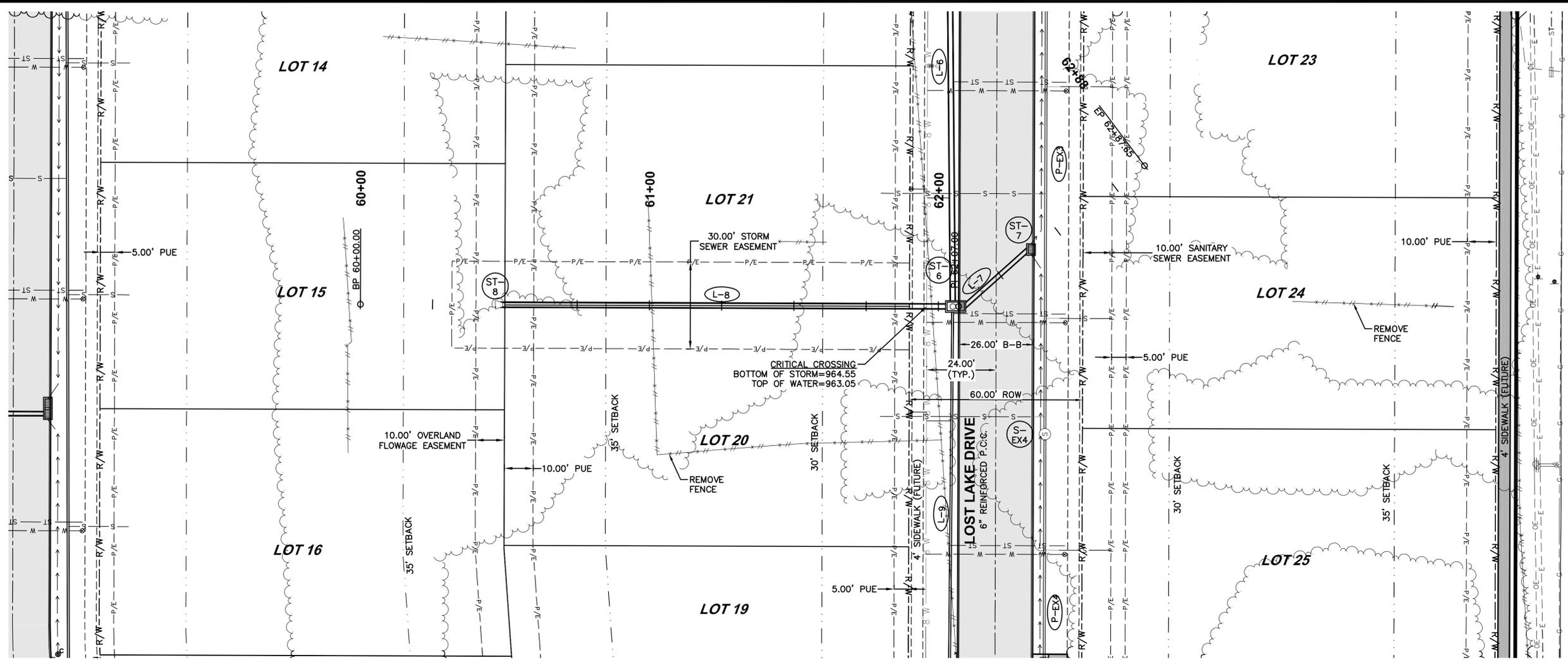


LOST LAKE ESTATES PLAT 3
STORM AND SANITARY PLAN AND PROFILE
POLK CITY, IOWA



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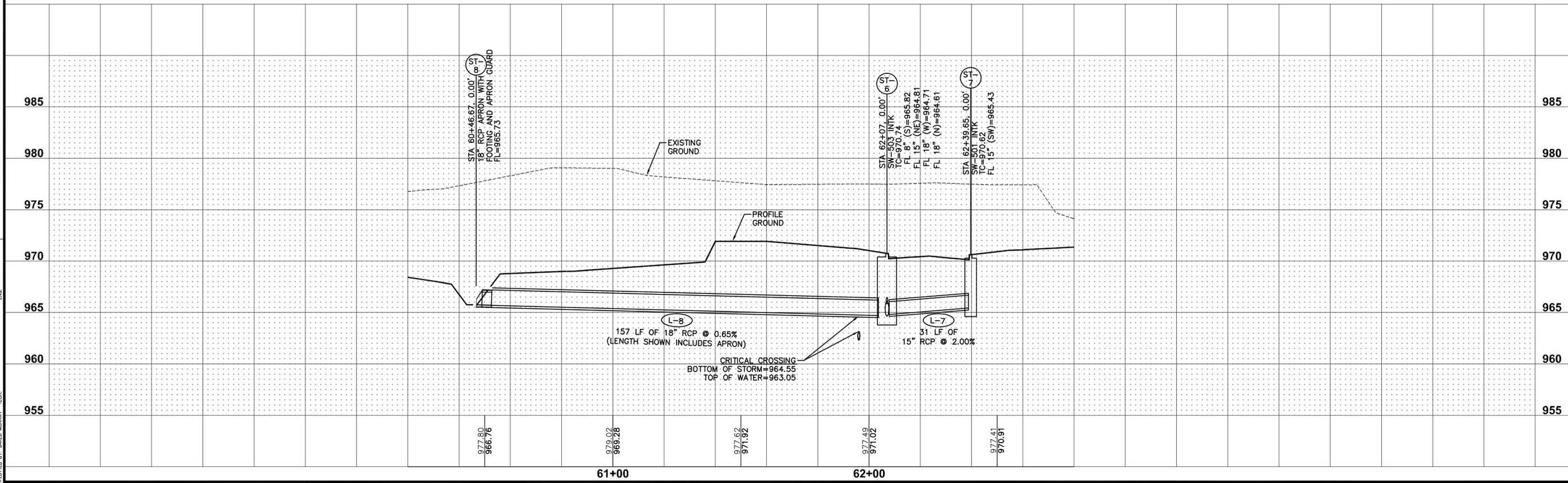


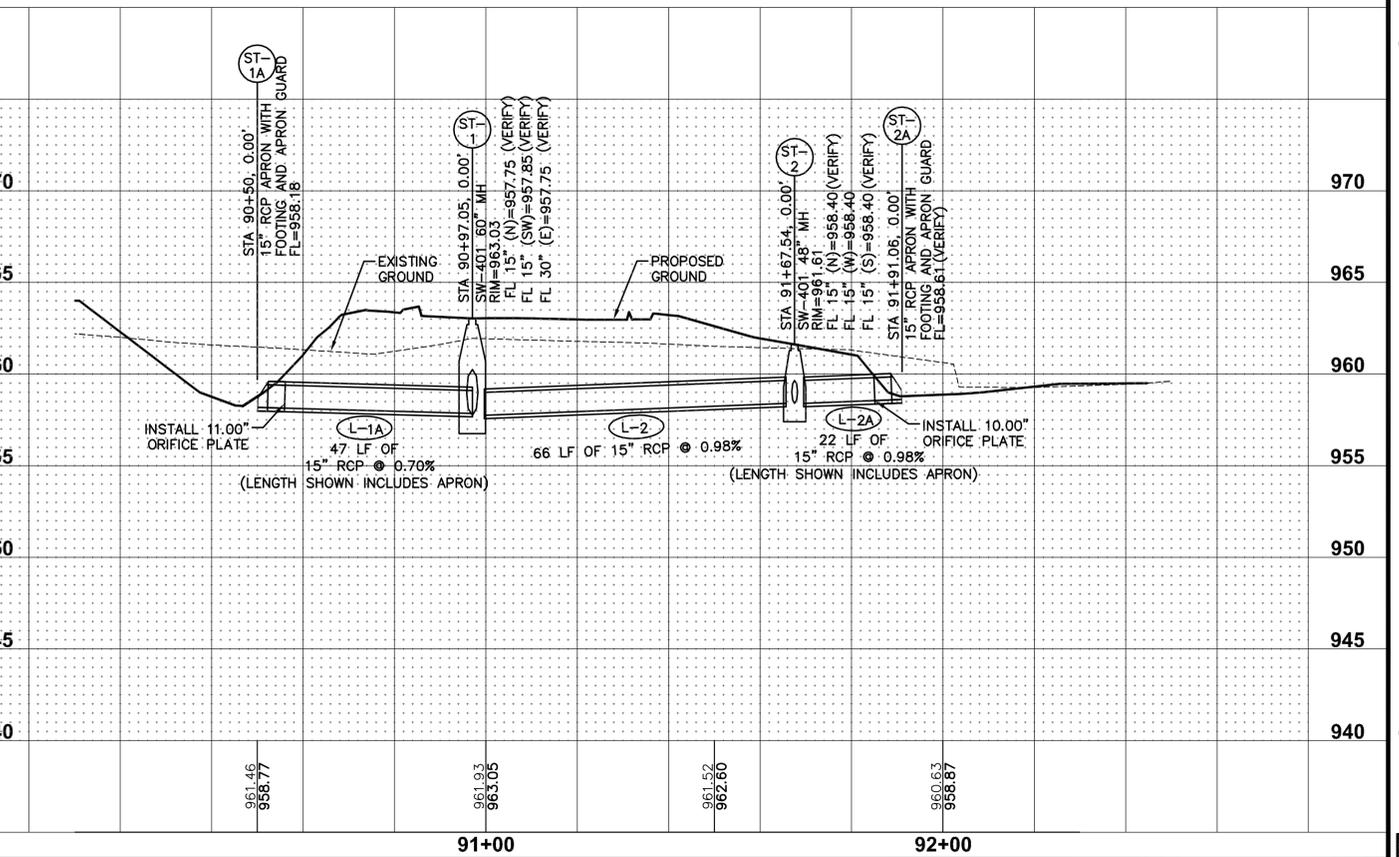
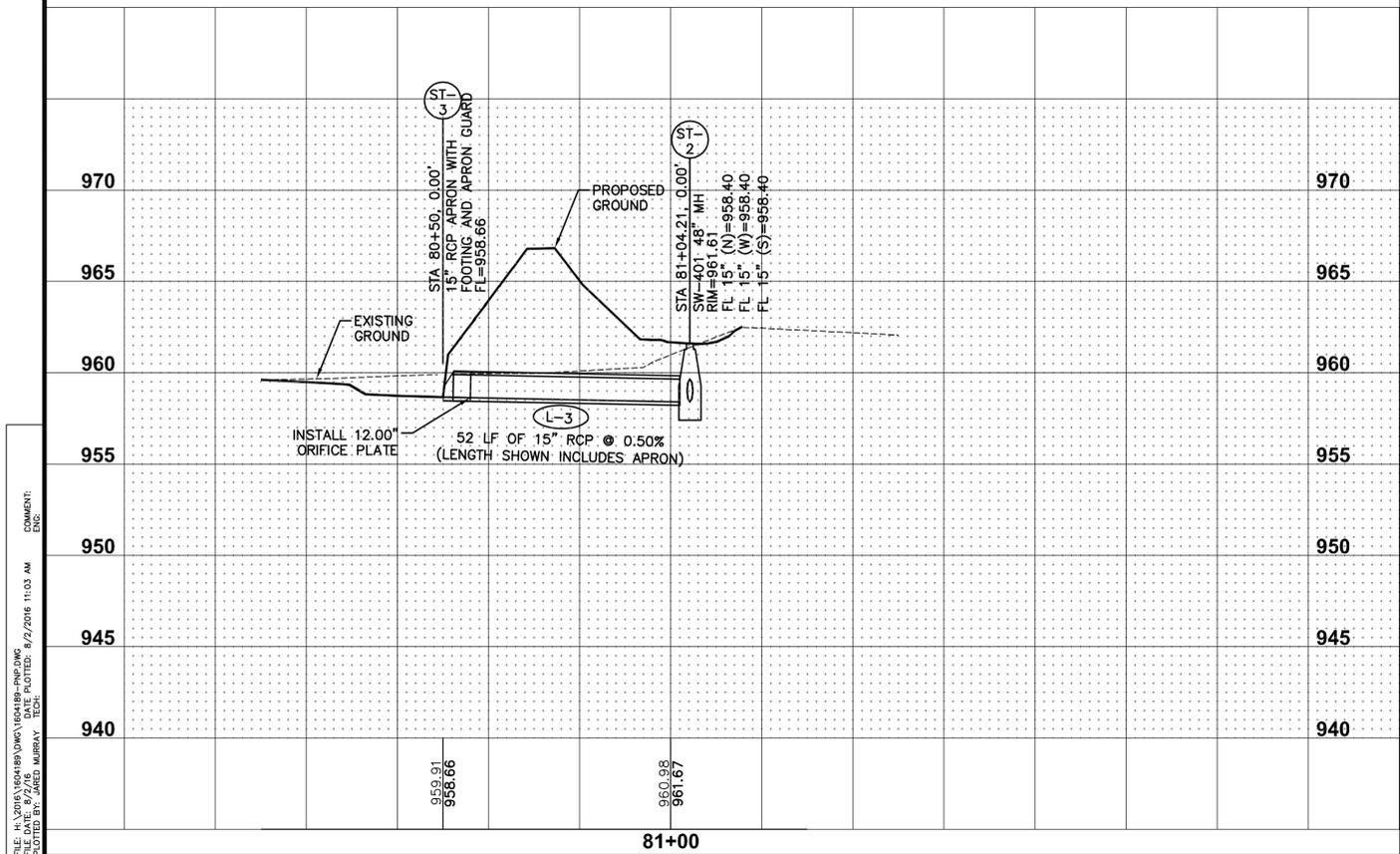
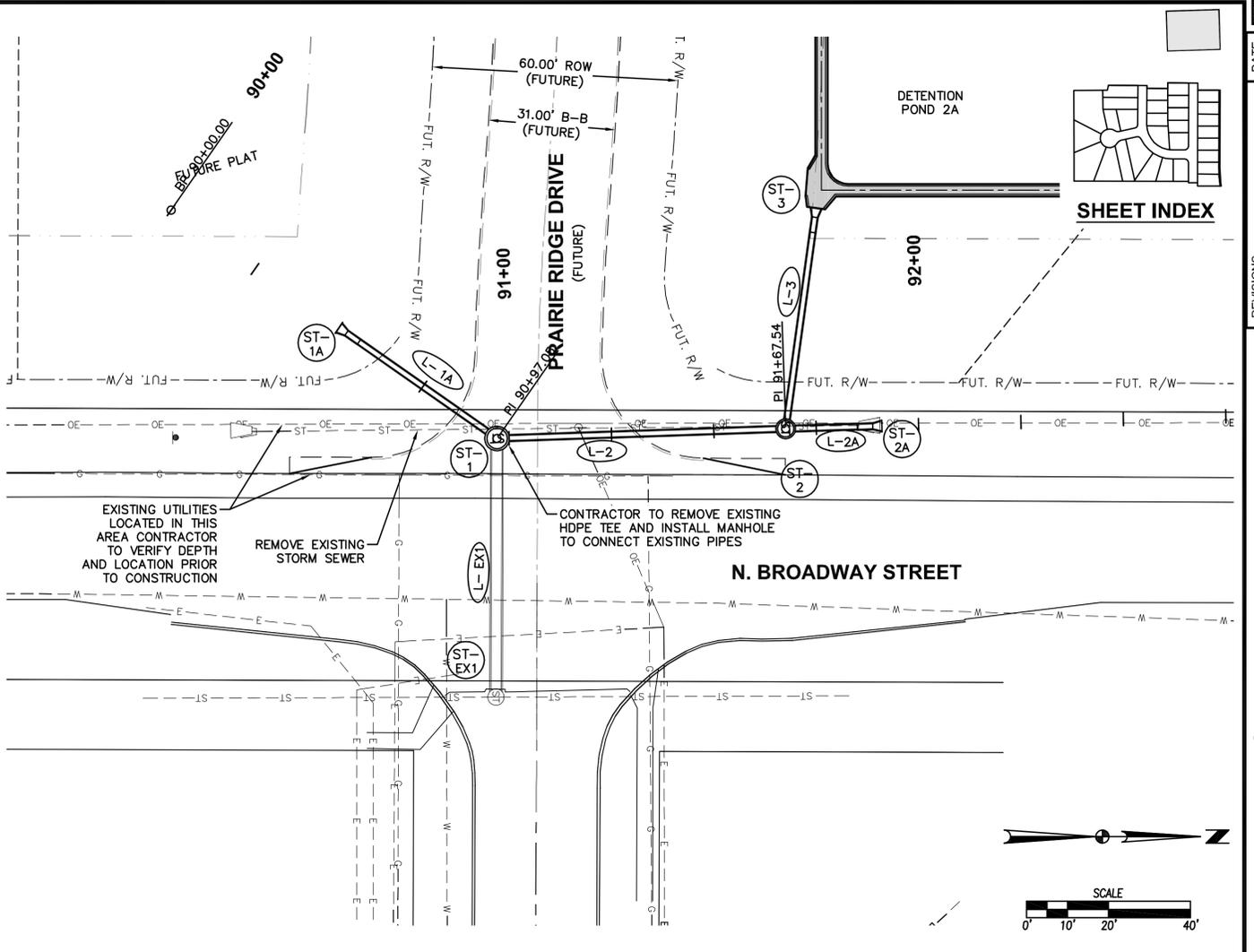
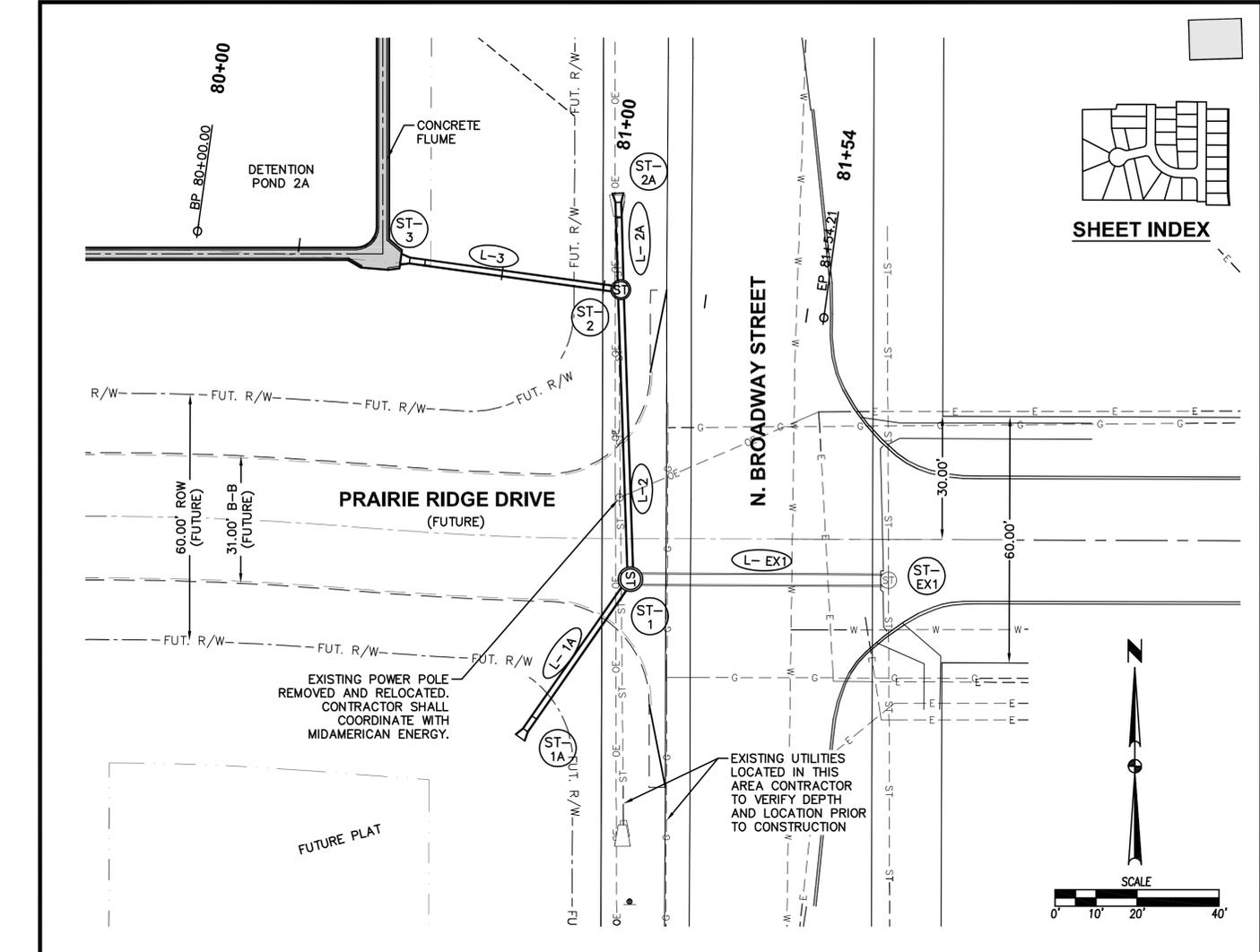
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LOST LAKE ESTATES PLAT 3
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA





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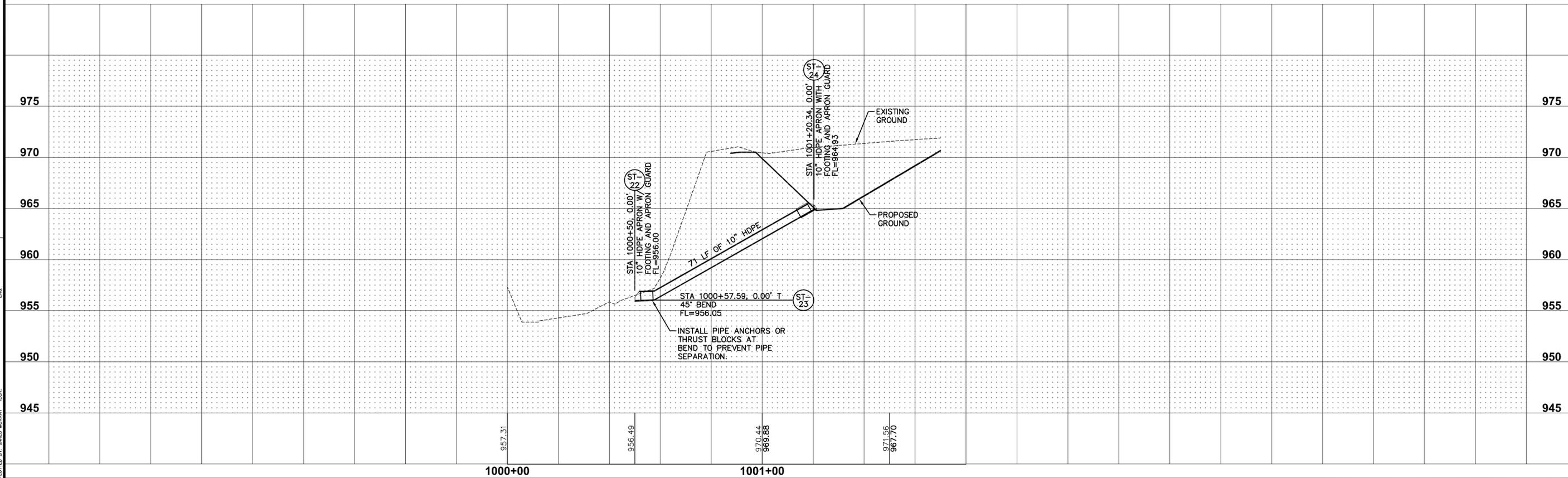
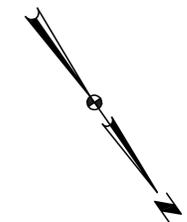
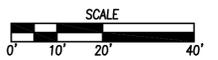
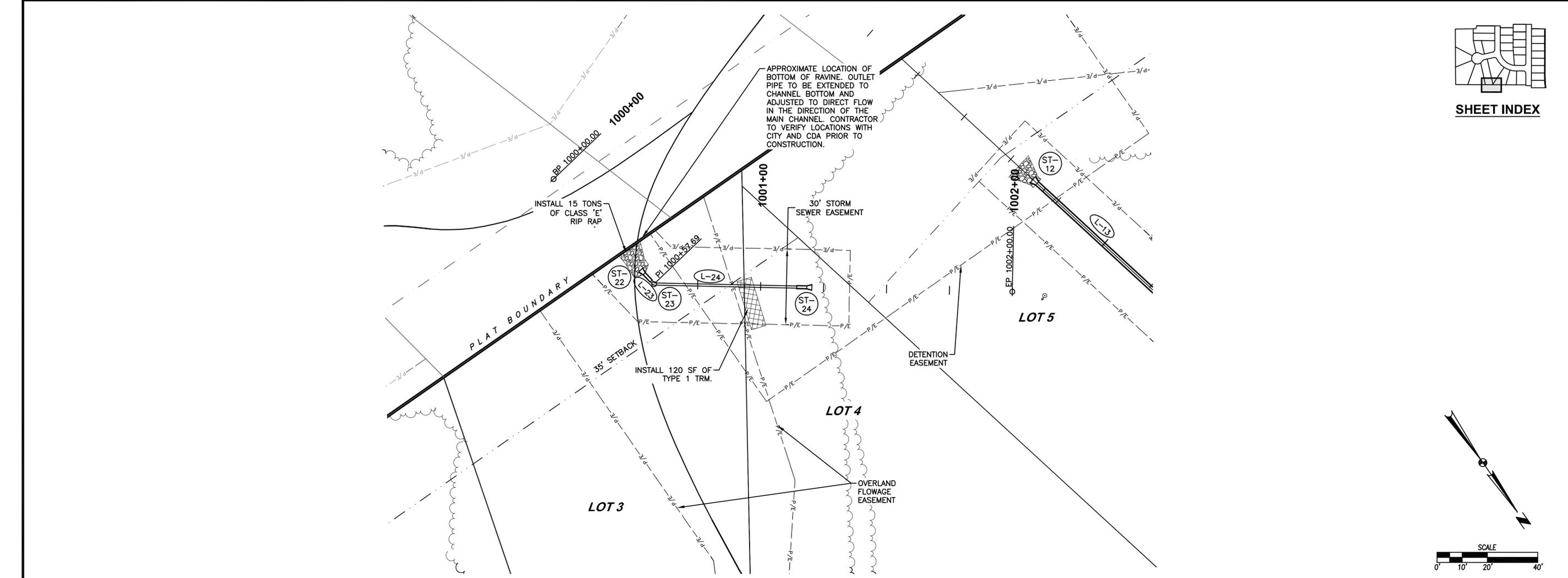
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LOST LAKE ESTATES PLAT 3
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA

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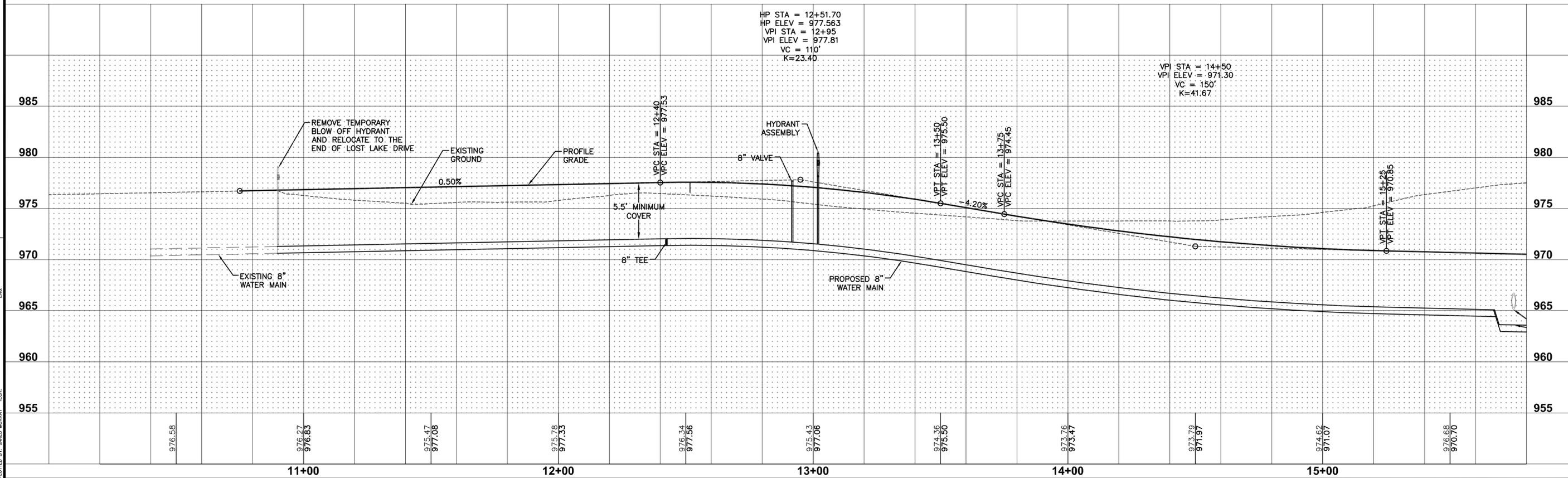
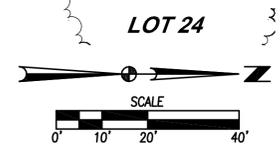
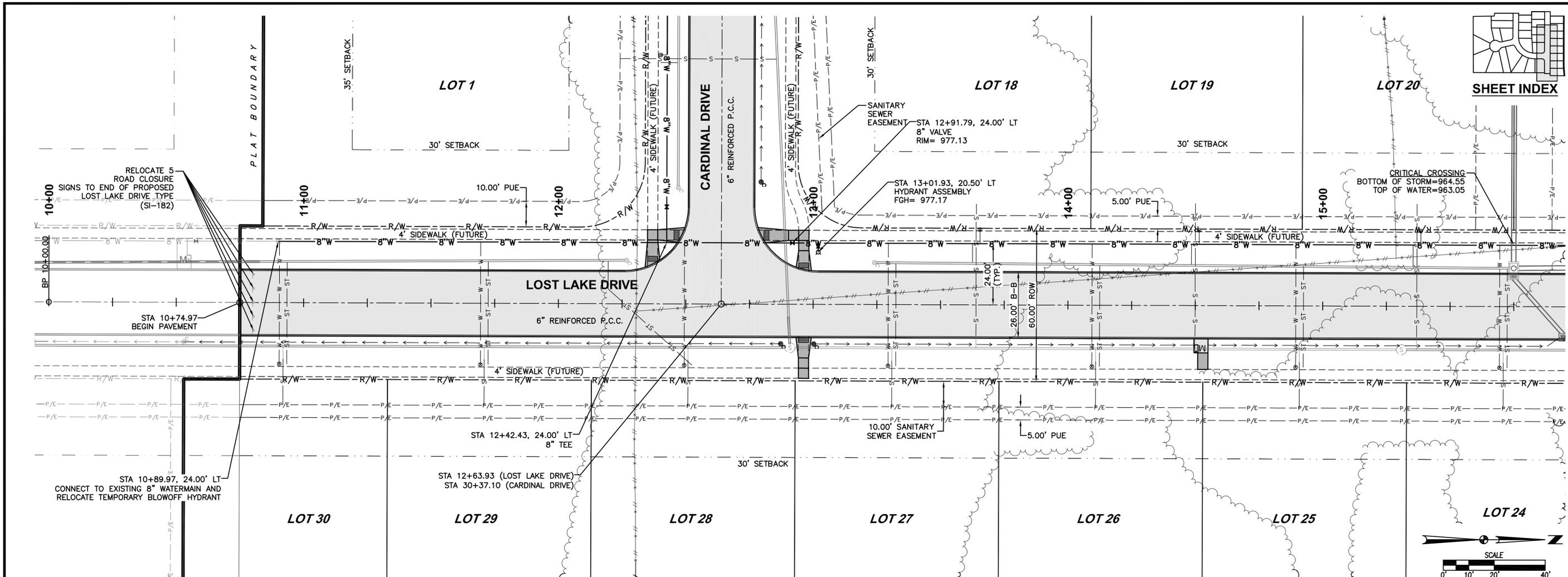


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FOURTH SUBMITTAL	08/02/16

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LOST LAKE ESTATES PLAT 3
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA



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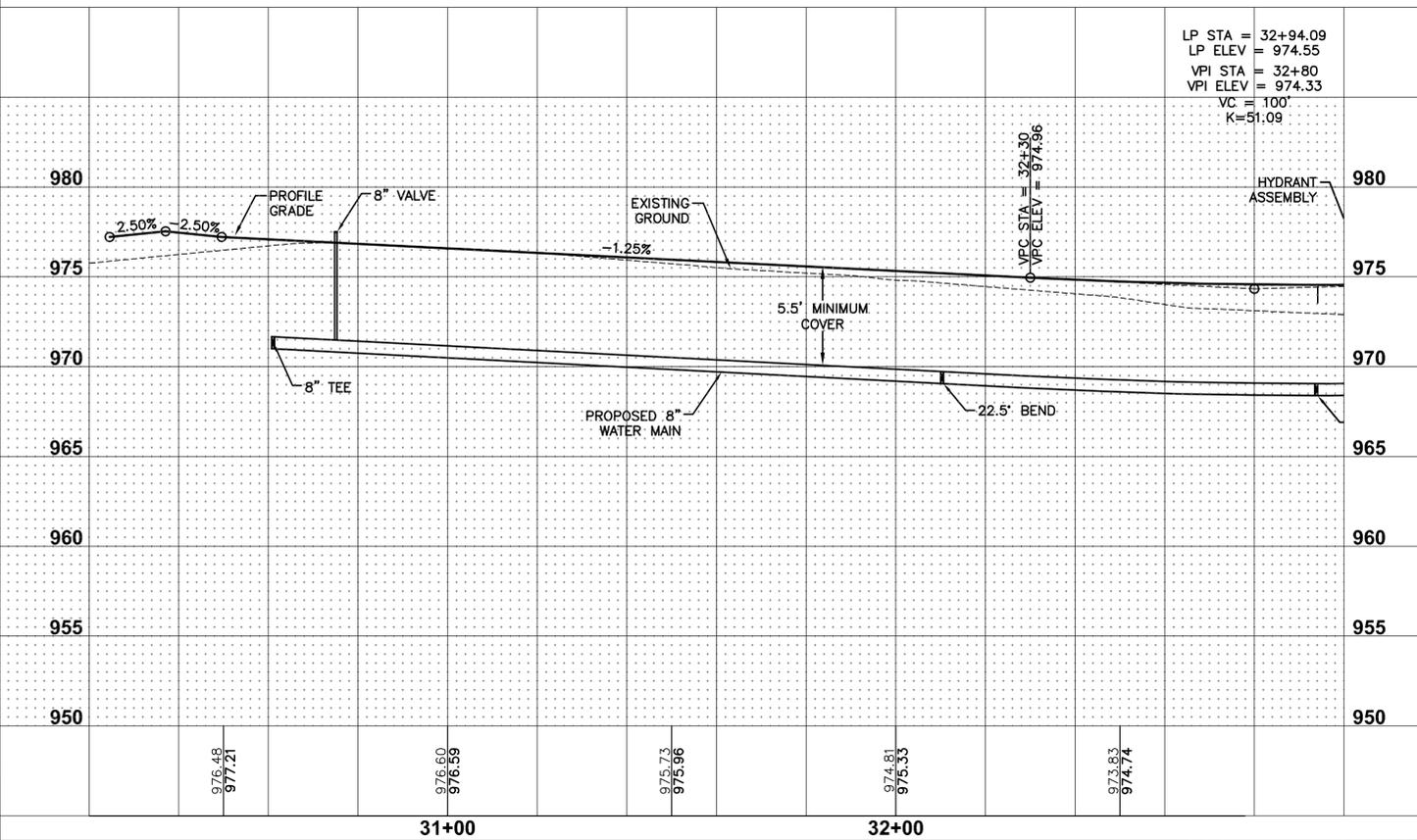
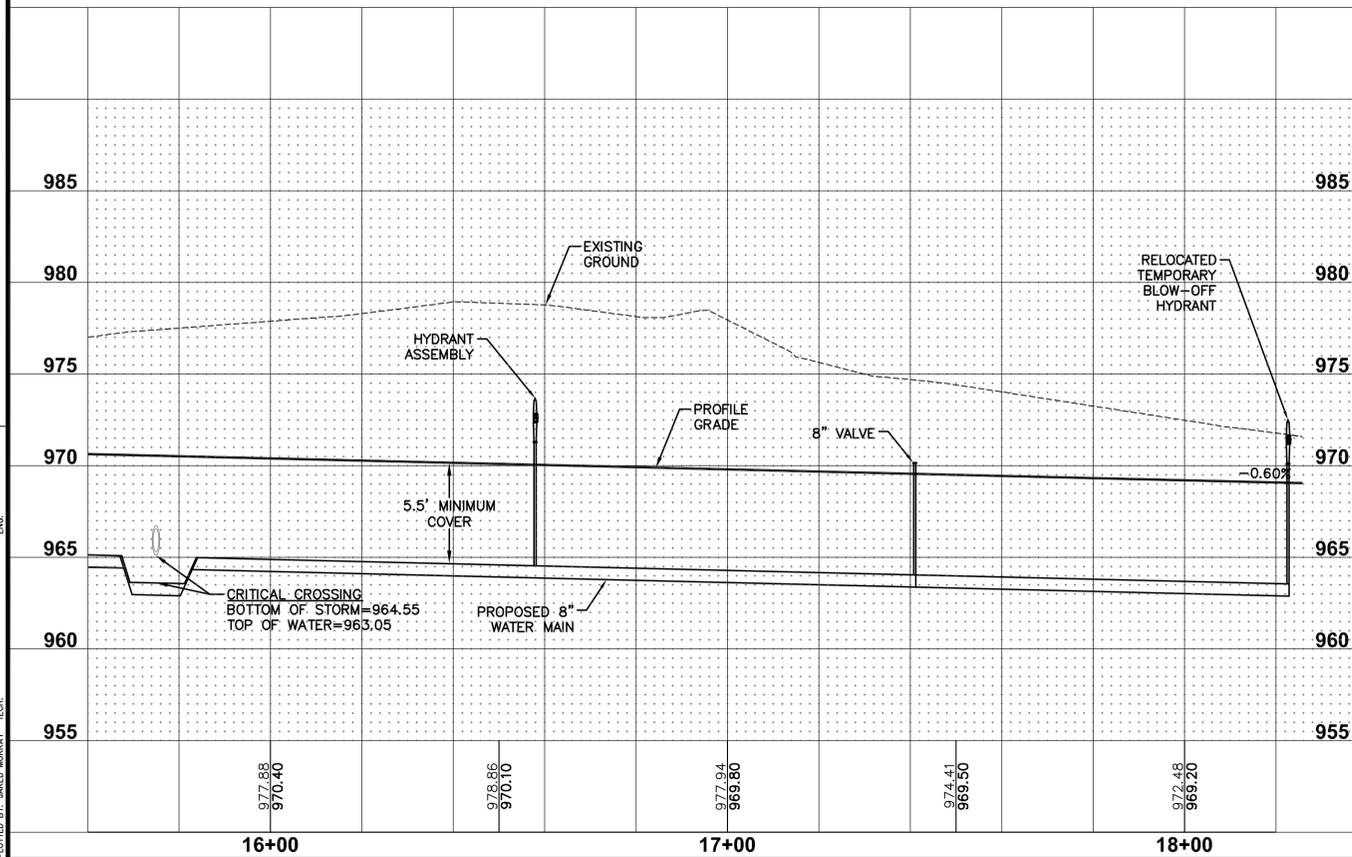
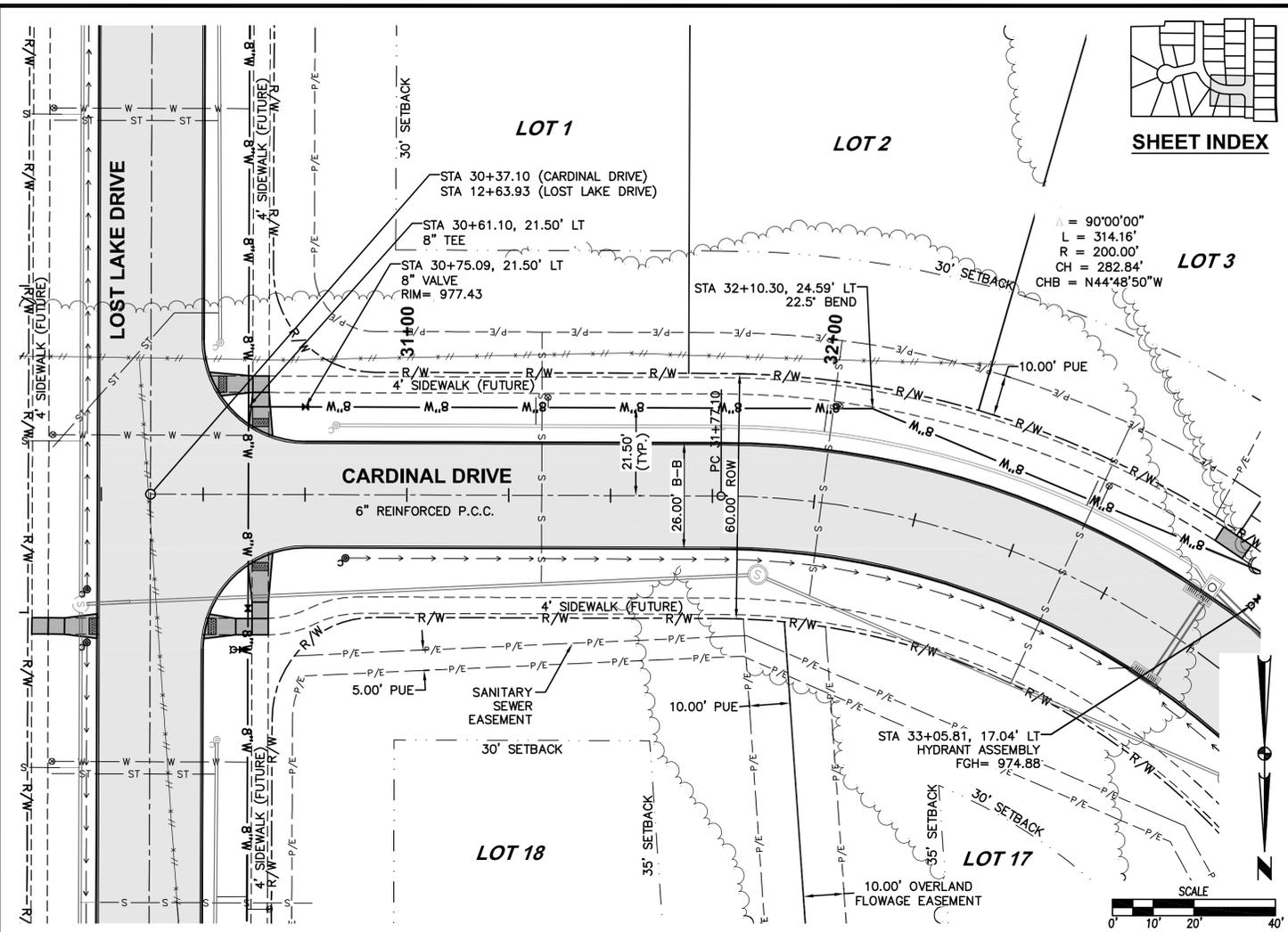
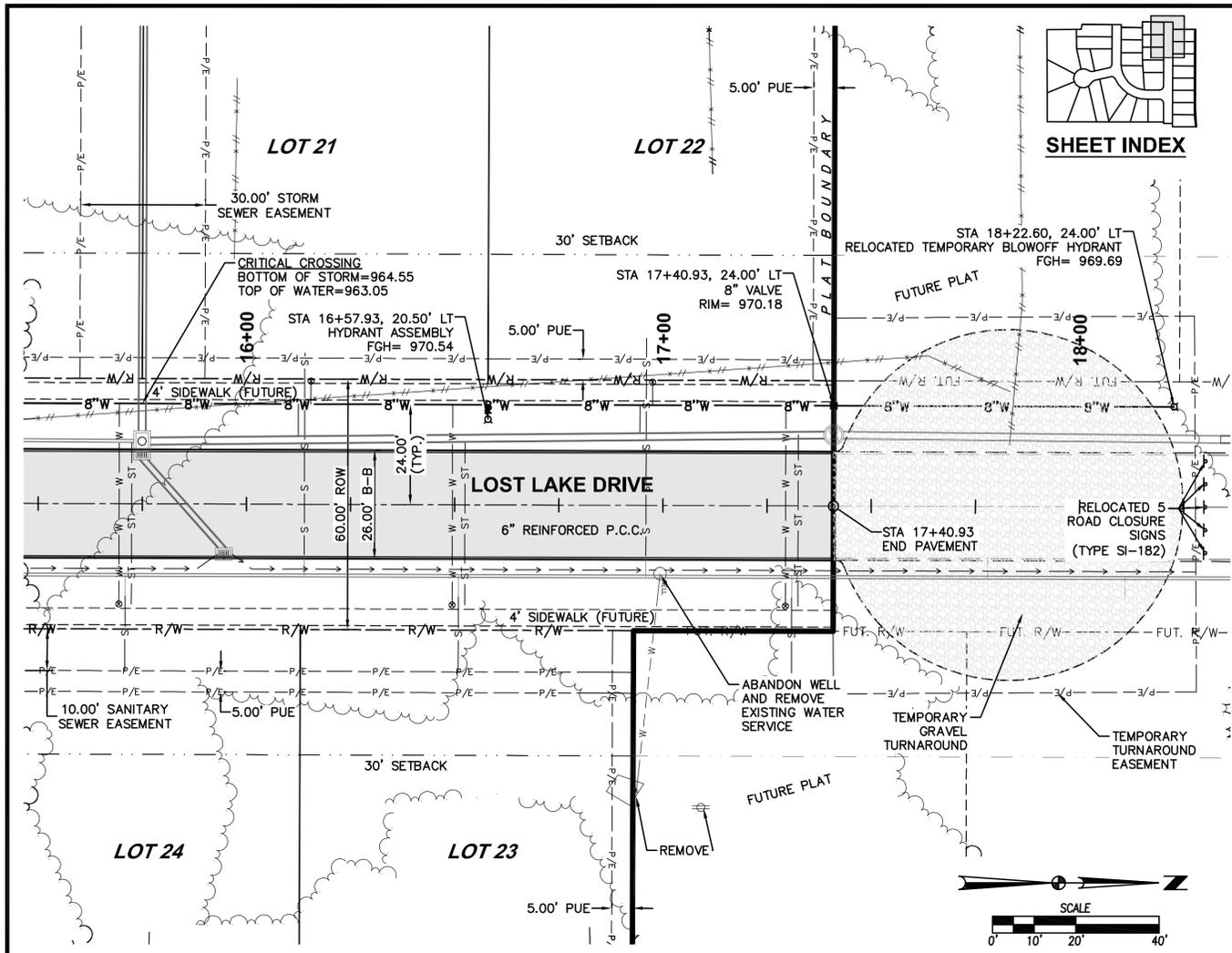
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LOST LAKE ESTATES PLAT 3

WATERMAIN PLAN AND PROFILE



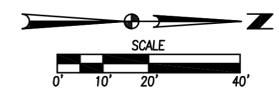
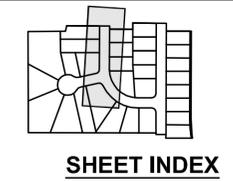
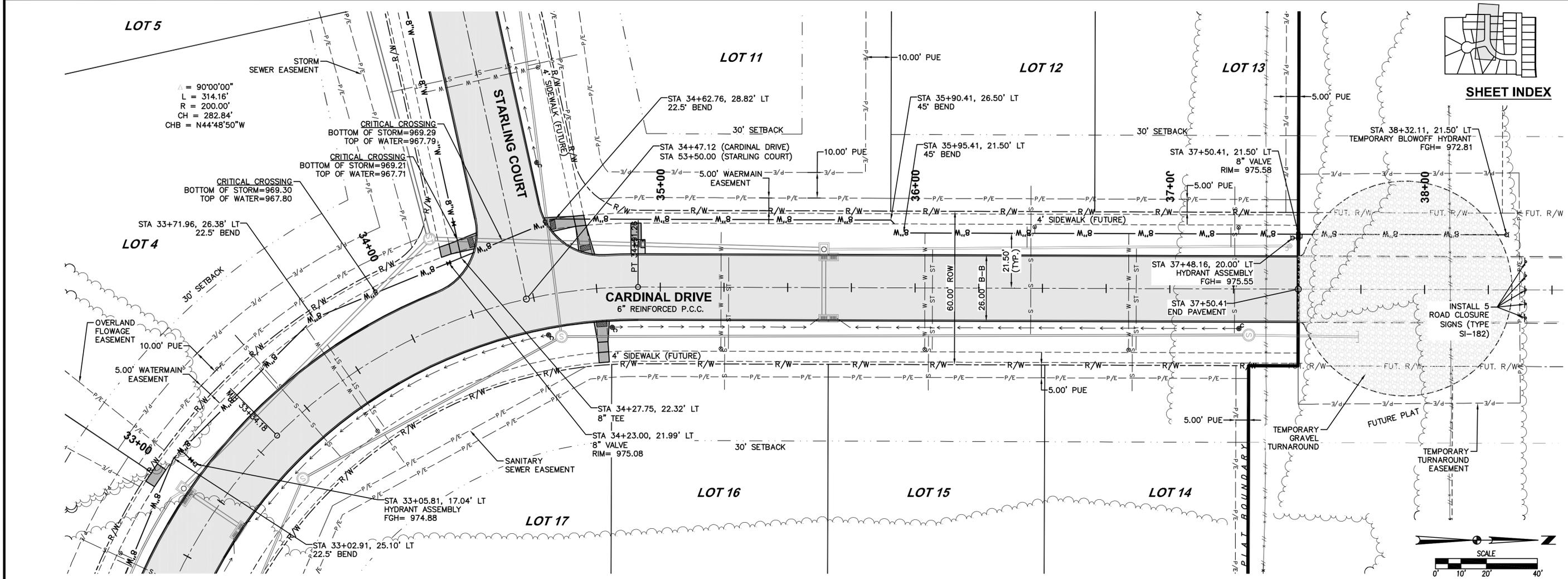
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REVISIONS	FOURTH SUBMITTAL 07/25/16 THIRD SUBMITTAL 06/28/16 FIRST SUBMITTAL 06/02/16

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LOST LAKE ESTATES PLAT 3
WATERMAIN PLAN AND PROFILE
POLK CITY, IOWA
20/25
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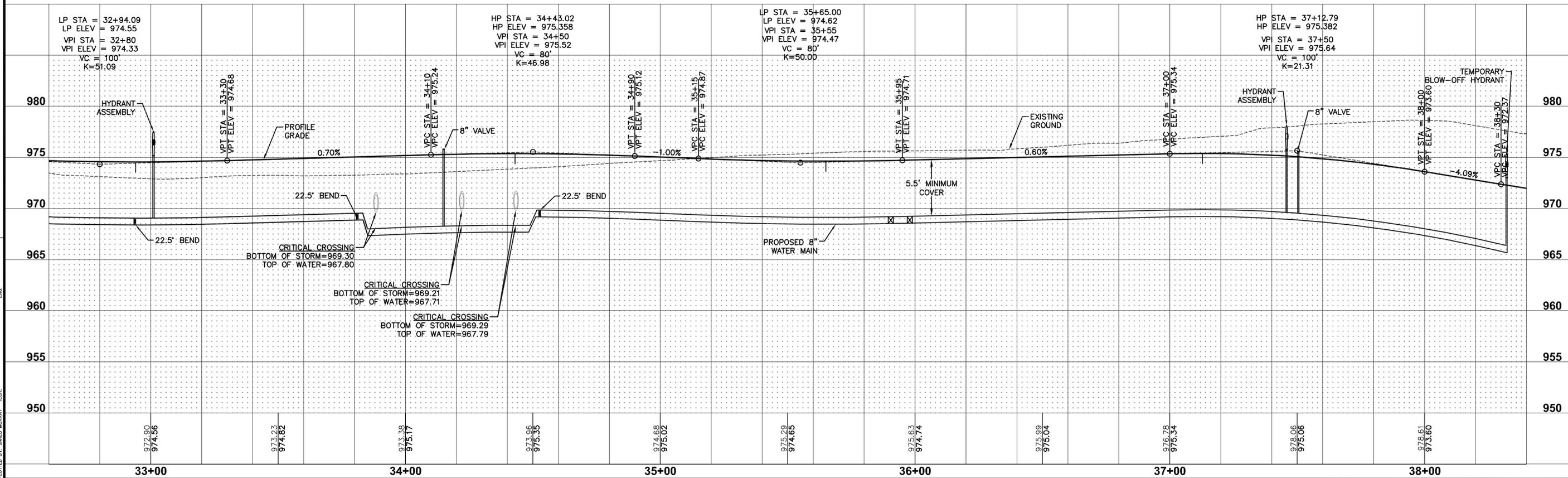


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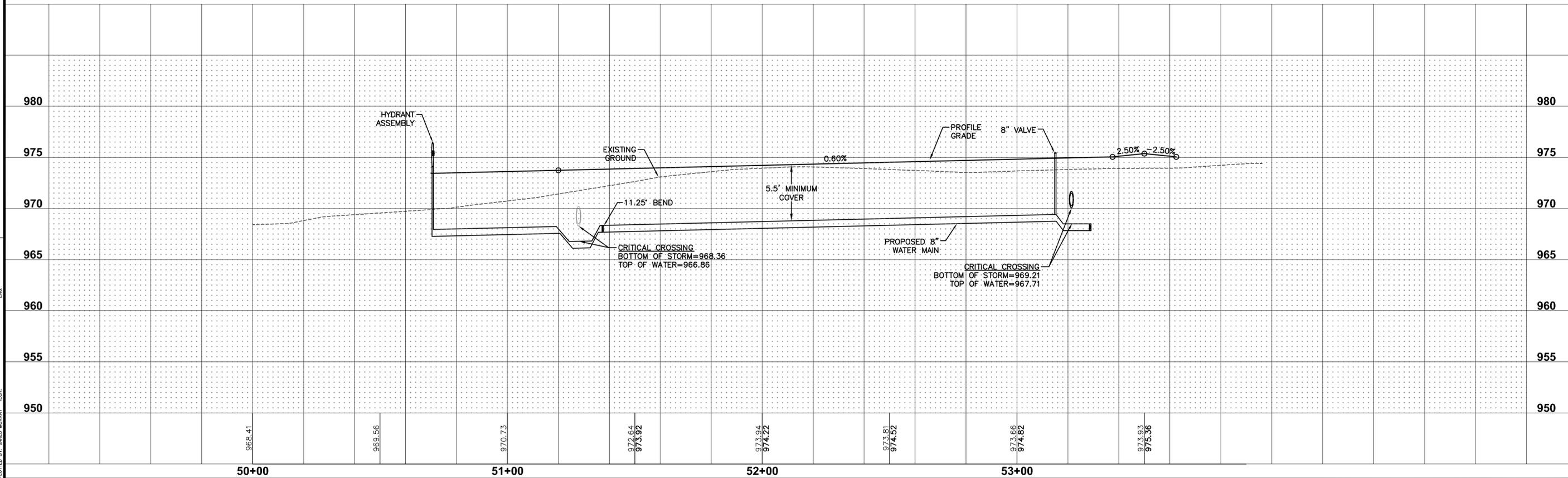
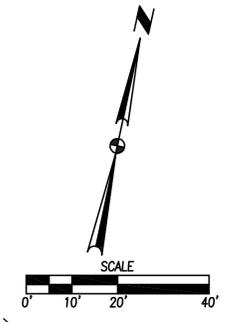
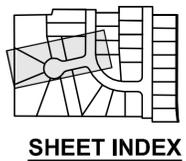
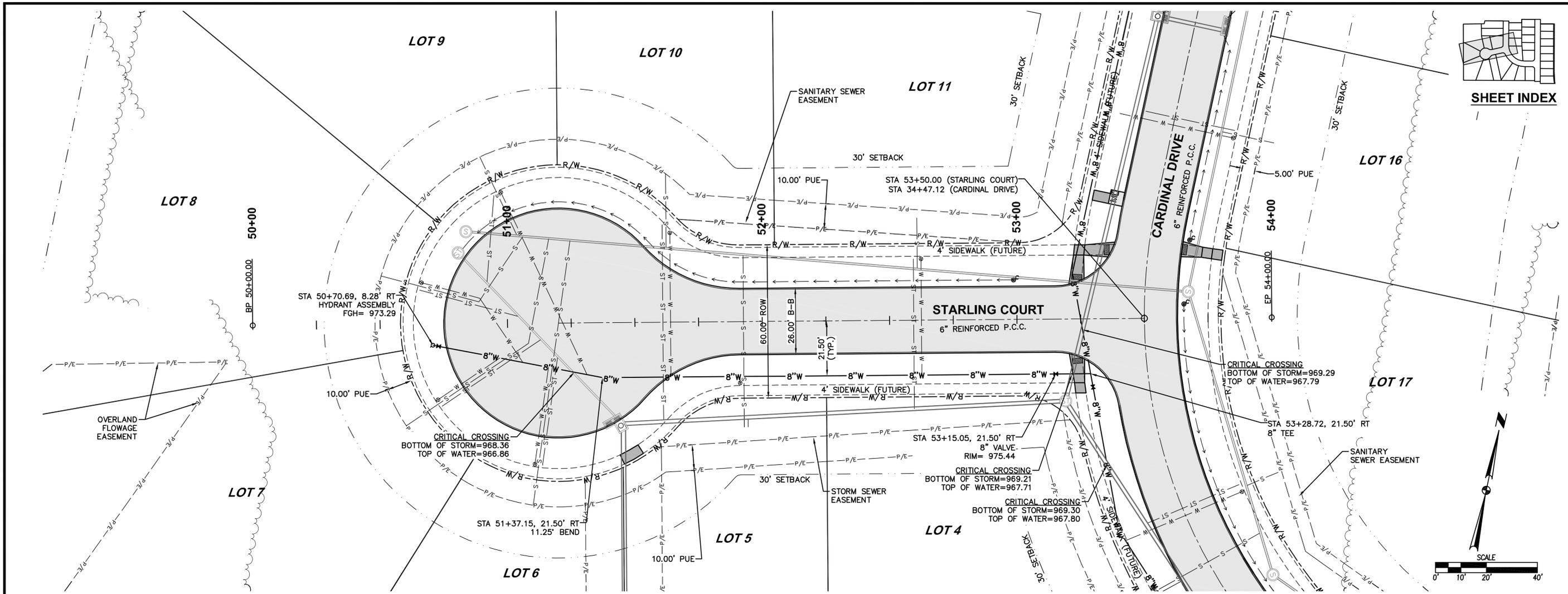
3405 S.E. CROSSROADS DRIVE, SUITE G
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 PHONE: (515) 369-4400 FAX: (515) 369-4410
 ENGINEER: EKO EI: GH



LOST LAKE ESTATES PLAT 3
WATERMAIN PLAN AND PROFILE
 POLK CITY, IOWA



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REVISIONS	FOURTH SUBMITTAL
	THIRD SUBMITTAL
	SECOND SUBMITTAL
	FIRST SUBMITTAL

3405 S.E. CROSSROADS DRIVE, SUITE G
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ES&A
 CIVIL DESIGN ADVANTAGE

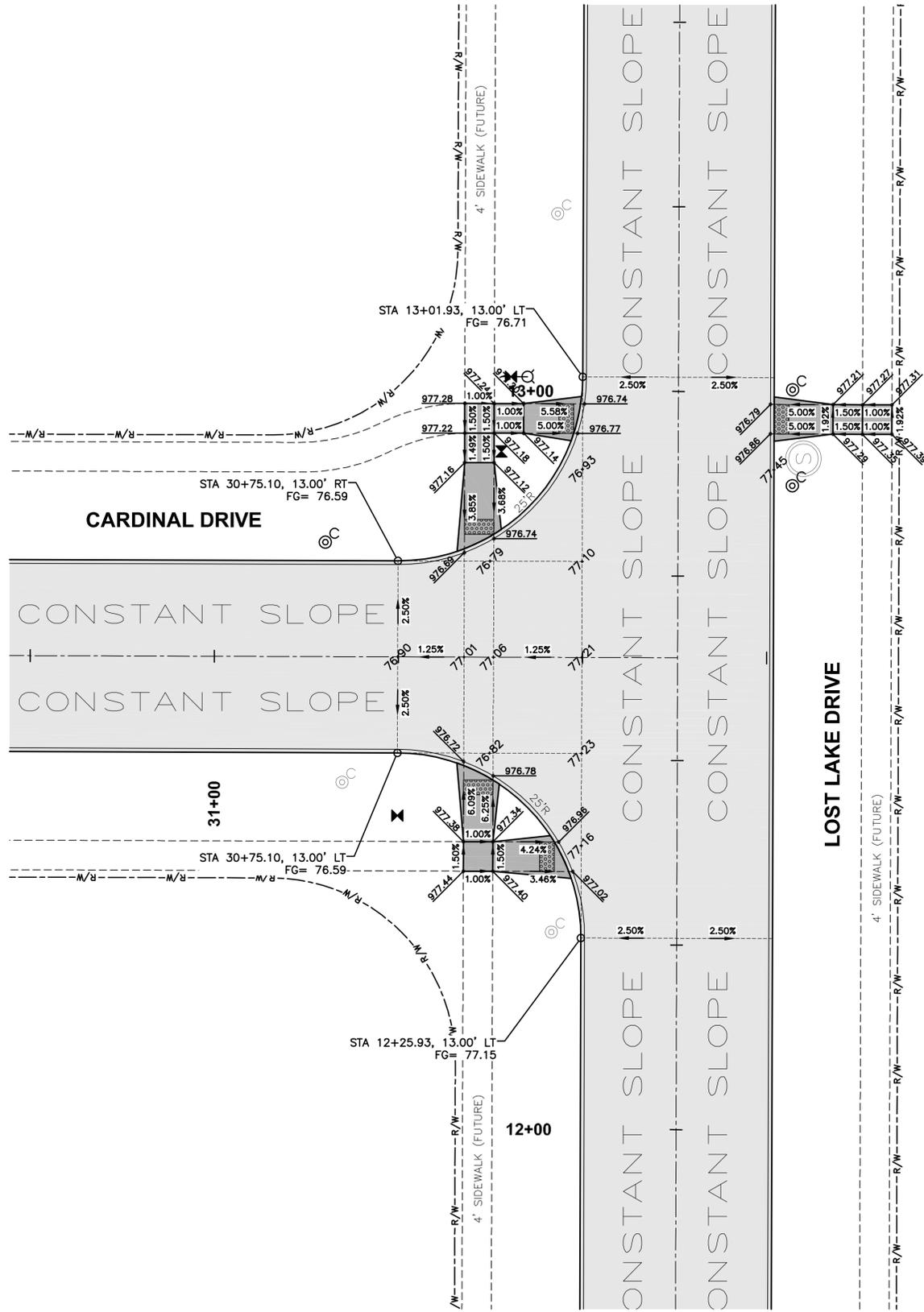
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WATERMAIN PLAN AND PROFILE

POLK CITY, IOWA

ENGINEER: EKO
 EI: GH

22/25
 1604.189

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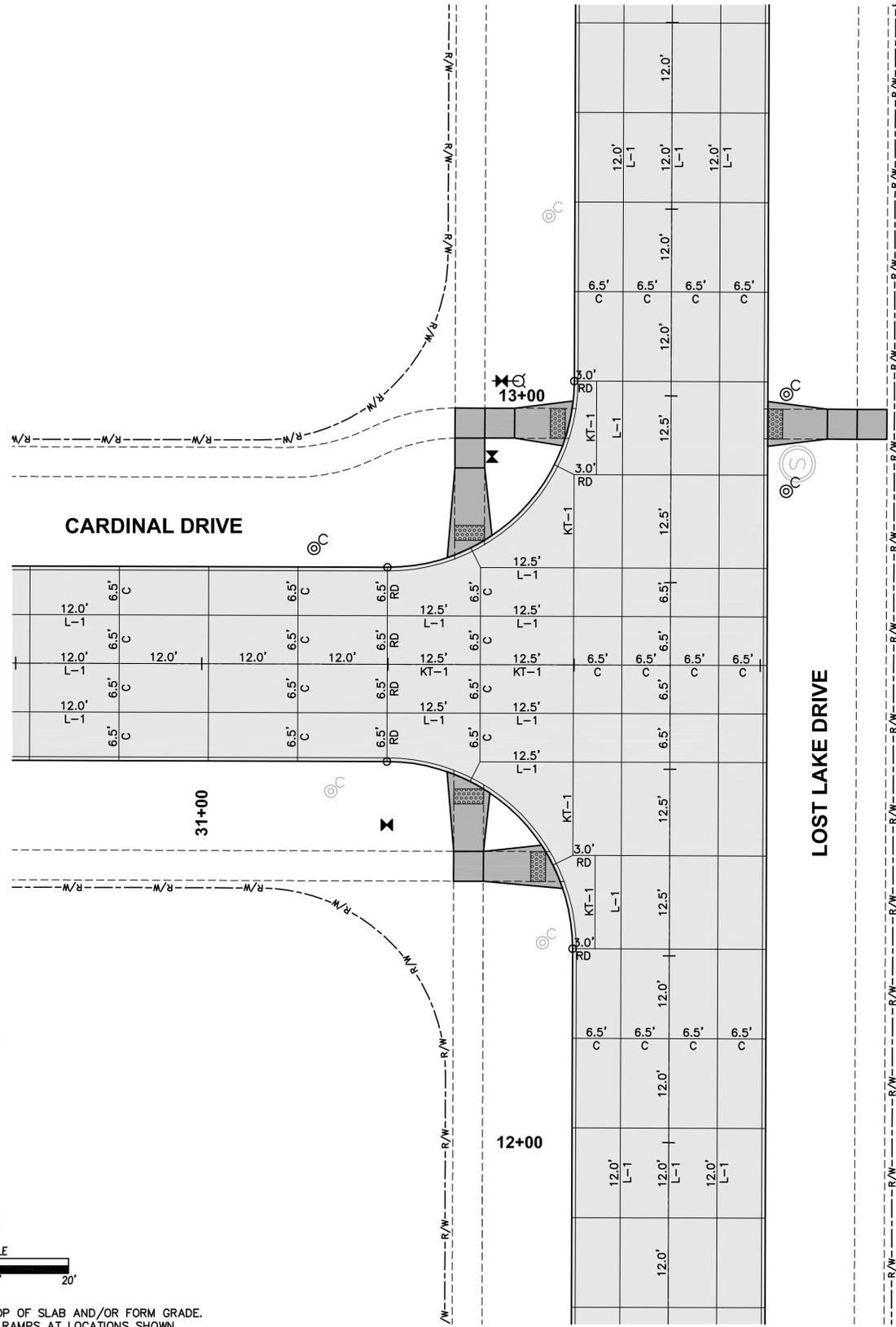
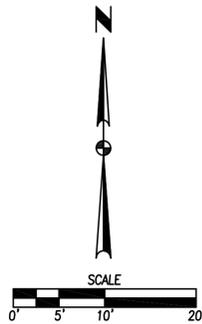


GEOMETRICS AND STAKING LAYOUT

30+00 BP 30+00.00

NOTES:

- ELEVATIONS SHOWN ARE TOP OF SLAB AND/OR FORM GRADE.
- INSTALL ACCESSIBLE CURB RAMPS AT LOCATIONS SHOWN.
- REFER TO FIGURE 6010.514 FOR GRATE INTAKE BOXOUT FOR PCC PAVEMENT DETAILS.
- A BUILDING PERMIT FOR LOT 28 SHALL REQUIRE THE APPROVAL OF THE PUBLIC WORKS DIRECTOR. BASED ON THE ACTUAL DRIVEWAY LOCATION SHOWN ON THE SITE PLAN, THE HOMEBUILDER MAY BE REQUIRED TO GRIND THE CURB AND INSTALL AN ADA ACCESSIBLE RAMP WITH GRAY DETECTABLE WARNING PANELS FOR THE SIDEWALK CONNECTION TO THE WEST SIDE OF CARDINAL DRIVE.



JOINTING LAYOUT

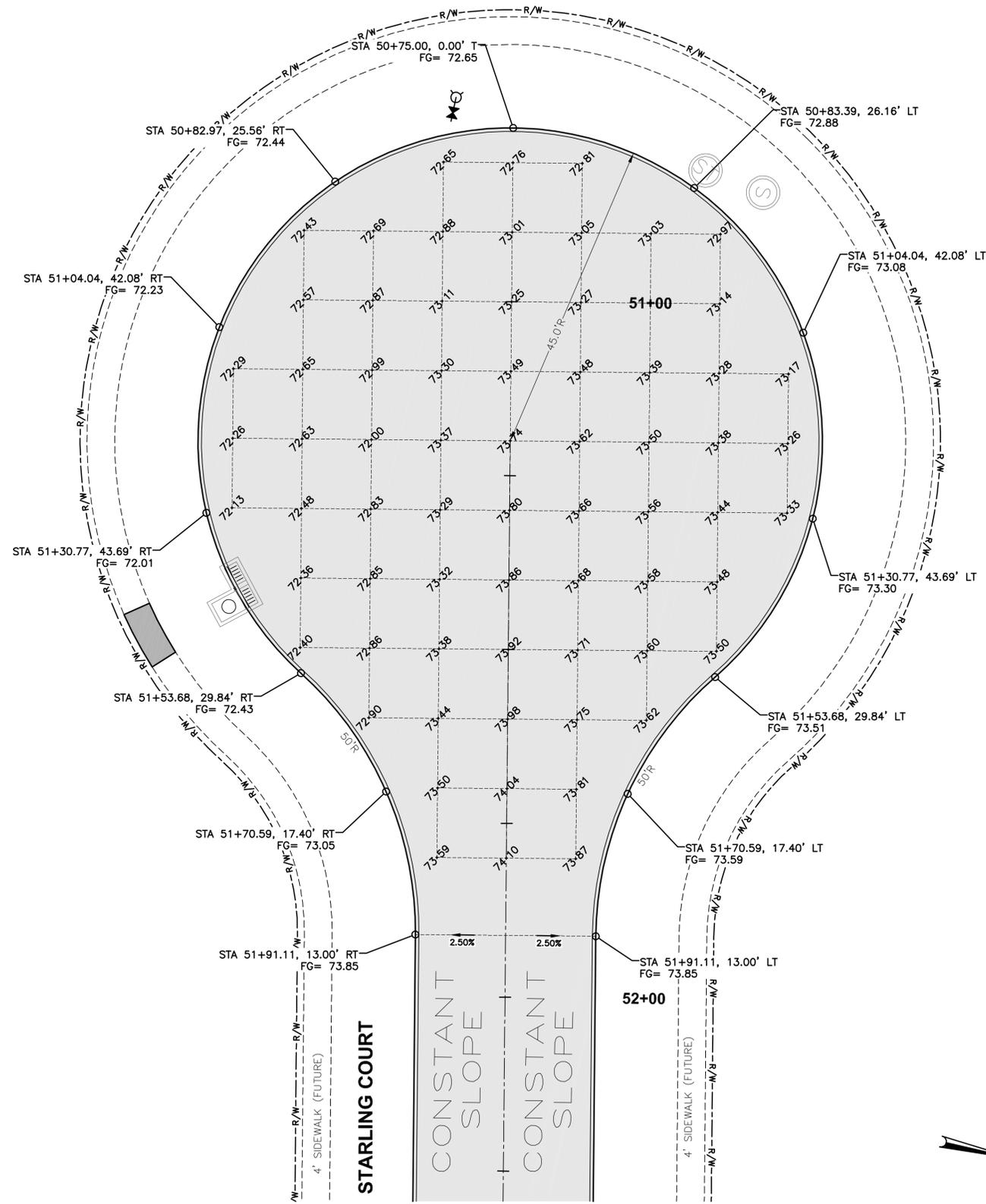
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 POLK CITY, IOWA
 CIVIL DESIGN ADVANTAGE
 ENGINEER: EKO EI: GH

LOST LAKE ESTATES PLAT 3
INTERSECTION DETAILS

23 / 25
 1604.189





August 3, 2016

Honorable Mayor and City Council
City of Polk City
112 S. Third Street
Polk City, Iowa 50226

RE: LOST LAKES ESTATES PLAT 3
APPROVAL OF CONSTRUCTION DRAWINGS

Dear Honorable Mayor and City Council:

On behalf of Diamond Development LLC, Civil Design Advantage has submitted construction drawings for the above referenced plat. These plans represent the first phase of construction of the Preliminary Plat approved by City Council on June 27, 2015. Plat 3 will include 30 lots just north of existing Lost Lakes Estates Plat 2. This plat includes the extension of Lost Lake Drive; new streets include the south portion of Cardinal Drive and the Starling Court cul-de-sac. The sidewalk along N. Broadway will be constructed as a plat improvement, along with necessary sanitary sewers, storm sewers, water main and services.

On July 11, per developer request, Council approved construction drawings for this plat covering only the water main and sanitary sewers. The attached plans amend and replace the previously approved plans. Therefore, the attached construction drawings cover all of the public improvements associated with this plat, including grading, storm sewers, paving, and Storm Water Management Plan in addition to the water main and sanitary sewers.

The construction drawings appear to be in conformance to SUDAS and the approved Preliminary Plat. Submittal #4 addressed all engineering review comments.

Based on review by Laura Lamberty, P.E., Snyder & Associates recommends approval of the construction drawings for Lost Lakes Estates Plat 3. It shall be the developer's responsibility to obtain approval of the Iowa DNR permits prior to commencing construction. All necessary materials submittals and shop drawings shall be approved by the City Engineer prior to the start of construction.

Respectfully submitted;

SNYDER & ASSOCIATES, INC.

Kathleen Connor
City Engineering Representative

CC: Gary Mahannah, City Administrator
Mike Schulte, Public Works Director
Darryl Bresson, Diamond Developments LLC
Erin Ollendike, Civil Design Advantage

RESOLUTION 2016-72

**A RESOLUTION APPROVING THE CONSTRUCTION
DRAWINGS FOR LOST LAKES ESTATES PLAT 4**

WHEREAS, Diamond Development, LLC, the developer for Lost Lakes Estates Plat 4 has submitted the Construction Drawings for public improvements associated with said plat including the sanitary sewers, water main, storm sewers, utility appurtenances, street paving, recreational trail, sidewalks, and ADA ramps; and

WHEREAS, it shall be the developer's responsibility to obtain approval for all necessary permits prior to the start of construction including the Iowa DNR permits for water main and sanitary sewer construction and the NPDES Storm Water Discharge permit; and

WHEREAS, the City Engineer and City Administrator have reviewed the Construction Drawings and recommend their approval subject to construction on the recreational trail shall not commence until the trail easement has been approved by the USACE.

NOW, THEREFORE, BE IT RESOLVED, the City Council of the City of Polk City, Iowa hereby approves the Construction Drawings for the Public Improvements associated with Lost Lakes Estates Plat 4 subject to construction on the recreational trail shall not commence until the trail easement has been approved by the USACE.

PASSED AND APPROVED the 8th day of August, 2016.

Jason Morse, Mayor

ATTEST:

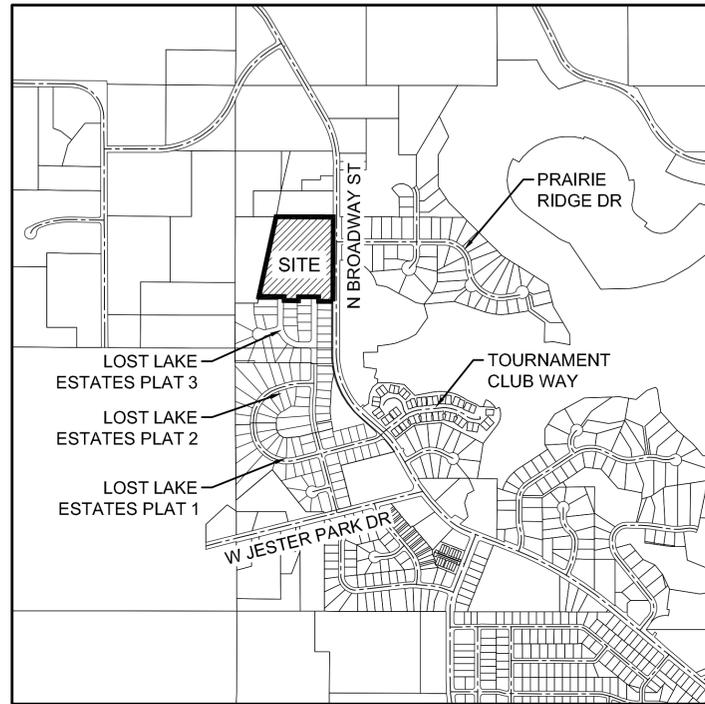
Jenny Gibbons, City Clerk

CONSTRUCTION PLANS FOR: LOST LAKE ESTATES PLAT 4

POLK CITY, IOWA

VICINITY MAP

NOT TO SCALE



POLK CITY, IOWA

INDEX OF SHEETS

NO.	DESCRIPTION
1	TITLE SHEET
2	HYDRANT COVERAGE PLAN
3	TYPICAL SECTIONS AND DETAILS
4	QUANTITIES AND REFERENCE NOTES
5	TYPICAL POLK CITY CONSTRUCTION NOTES
6	GRADING PLAN
7	EROSION AND SEDIMENT CONTROL PLAN
8-15	PLAN AND PROFILE
16-20	WATER MAIN PLAN AND PROFILE
21-24	INTERSECTION DETAILS

GENERAL LEGEND

PROPOSED	EXISTING
SECTION LINE	SANITARY MANHOLE
CENTER LINE	WATER VALVE BOX
RIGHT OF WAY	FIRE HYDRANT
PERMANENT EASEMENT	WATER CURB STOP
TEMPORARY EASEMENT	WELL
TYPE SW-501 STORM INTAKE	STORM SEWER MANHOLE
TYPE SW-503 STORM INTAKE	STORM SEWER SINGLE INTAKE
TYPE SW-505 STORM INTAKE	STORM SEWER DOUBLE INTAKE
TYPE SW-506 STORM INTAKE	FLARED END SECTION
TYPE SW-513 STORM INTAKE	DECIDUOUS TREE
TYPE SW-401 STORM MANHOLE	CONIFEROUS TREE
TYPE SW-402 STORM MANHOLE	DECIDUOUS SHRUB
TYPE SW-301 SANITARY MANHOLE	CONIFEROUS SHRUB
STORM/SANITARY CLEANOUT	ELECTRIC POWER POLE
WATER VALVE	GUY ANCHOR
FIRE HYDRANT ASSEMBLY	STREET LIGHT
SIGN	POWER POLE W/ TRANSFORMER
DETECTABLE WARNING PANEL	UTILITY POLE W/ LIGHT
WATER CURB STOP	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 SERVICE	GAS VALVE BOX
WATERMAIN WITH SIZE	CABLE TV JUNCTION BOX
WATER SERVICE	CABLE TV MANHOLE/VAULT
SAWCUT (FULL DEPTH)	MAIL BOX
SILT FENCE	BENCHMARK
USE AS CONSTRUCTED (UAC)	SOIL BORING
MINIMUM PROTECTION ELEVATION (MOE)	UNDERGROUND TV CABLE
TOP OF PROPOSED GROUND (TG)	GAS MAIN
	FIBER OPTIC
	UNDERGROUND TELEPHONE
	OVERHEAD ELECTRIC
	UNDERGROUND ELECTRIC
	FIELD TILE
	SANITARY SEWER W/ SIZE
	STORM SEWER W/ SIZE
	WATER MAIN W/ SIZE

OWNER / DEVELOPER

DIAMOND DEVELOPMENT LLC
CONTACT: DARRYL BRESSON
309 EAST 1ST STREET
ANKENY, IOWA 50021

ENGINEER/ SURVEYOR

CIVIL DESIGN ADVANTAGE
CONTACT: ERIN OLLENDIKE
3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH. (515) 369-4400
FX. (515) 369-4410

ZONING

R-1AR RESTRICTED TO A MINIMUM 80' LOT WIDTH, 9500 SF AREA AND 35' REAR YARD SETBACK

BENCHMARKS

BM#1
BURY BOLT NW CORNER WEST BROADWAY & KINGS PLACE
ELEVATION=972.52

BM#2
SANITARY SEWER MANHOLE NE CORNER BROADWAY & TOURNAMENT CLUB WAY
ELEVATION=968.71

SUBMITTAL DATES

FIRST SUBMITTAL: 07/05/2016
SECOND SUBMITTAL: 07/21/2016
THIRD SUBMITTAL: 08/02/2016

LEGAL DESCRIPTION

A PART OF LOTS 16, 18, 19, AND 20, IN THE OFFICIAL PLAT OF SECTION 35, TOWNSHIP 81 NORTH, RANGE 25 WEST, AN OFFICIAL PLAT IN THE CITY OF POLK CITY, POLK COUNTY, IOWA AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE WEST QUARTER CORNER OF SAID SECTION 35; THENCE NORTH 0°13'24" WEST ALONG THE WEST LINE OF SAID SECTION 35, 450.08 FEET; THENCE NORTH 89°13'57" EAST, 225.00 FEET; THENCE NORTH 11°53'30" EAST, 32.39 FEET TO THE POINT OF BEGINNING; THENCE NORTH 11°53'30" EAST, 1104.41 FEET TO THE NORTH LINE OF SAID LOT 16, THE OFFICIAL PLAT OF SECTION 35, TOWNSHIP 81 NORTH, RANGE 25 WEST; THENCE NORTH 89°46'17" EAST ALONG SAID NORTH LINE, 523.54 FEET TO THE SOUTHEAST CORNER OF PARCEL 'D' OF LOT 15, THE OFFICIAL PLAT OF SECTION 35, TOWNSHIP 81 NORTH, RANGE 25 WEST AS SHOWN ON THE PLAT OF SURVEY RECORDED IN BOOK 7969 PAGE 115 AND THE WEST RIGHT OF WAY OF N. BROADWAY STREET; THENCE SOUTH 0°11'11" WEST ALONG SAID WEST RIGHT OF WAY, 1115.30 FEET; THENCE NORTH 89°48'49" WEST 150.00 FEET; THENCE NORTH 00°11'11" EAST, 47.91 FEET; THENCE NORTH 89°48'49" WEST, 200.00 FEET; THENCE SOUTH 00°11'11" WEST, 37.21 FEET; THENCE NORTH 89°48'49" WEST, 140.00 FEET; THENCE NORTH 00°11'11" EAST, 19.35 FEET; THENCE NORTH 89°48'49" WEST, 257.58 FEET TO THE POINT OF BEGINNING AND CONTAINING 15.89 ACRES (691,956 SQUARE FEET). THE PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS OF RECORD.



UTILITY WARNING

ANY 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.

CIVIL DESIGN ADVANTAGE
3405 SE CROSSROADS DR. SUITE G GRIMES, IOWA 50111
PH: (515) 369-4400 Fax: (515) 369-4410
PROJECT NO. 1606.299

THIS PROJECT REQUIRES AN IOWA NPDES PERMIT #2. 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.

REFER TO THE NORTH BROADWAY CONCEPT GEOTECHNICAL ENGINEERING REPORT PREPARED BY CONSTRUCTION MATERIALS TESTING (CMT) DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER PREPARED BY CMT DATED APRIL 29, 2013, FOR GEOTECHNICAL REQUIREMENTS.

THE 2016 EDITION OF THE SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK ON THIS PROJECT EXCEPT AS MODIFIED HEREIN.

ERIN K. OLLENDIKE, P.E.
16926
IOWA

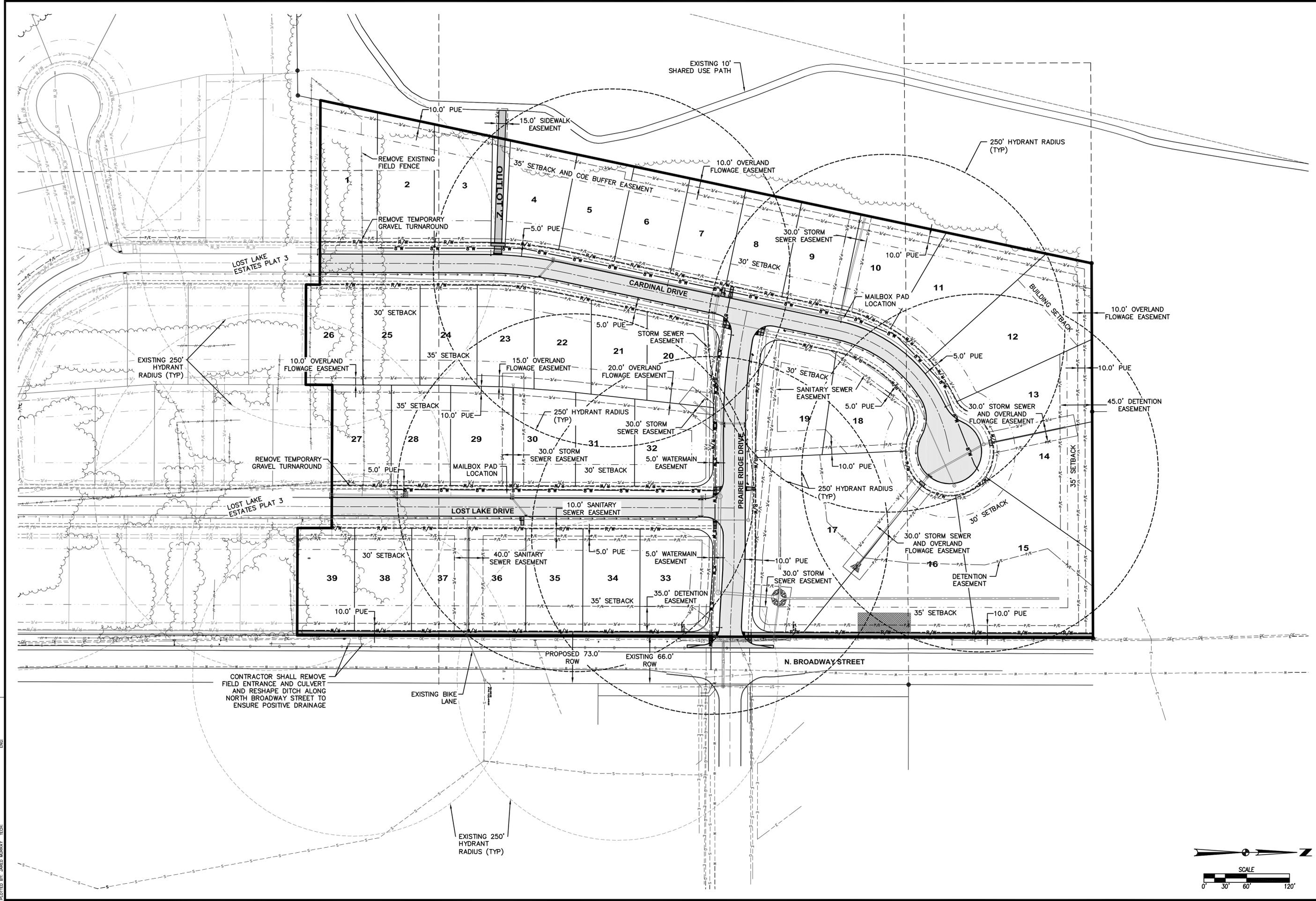
I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

DATE _____

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2017
PAGES OR SHEETS COVERED BY THIS SEAL:
ALL SHEETS _____

PRELIMINARY
NOT FOR CONSTRUCTION

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 ELEMENT: PLOTTED BY: GREGG MURRAY
 DATE: 8/22/2016 3:41 PM



REVISIONS	DATE
THIRD SUBMITTAL	08/02/16
SECOND SUBMITTAL	07/21/16
FIRST SUBMITTAL	07/05/16

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



LOST LAKE ESTATES PLAT 4
HYDRANT COVERAGE PLAN
 POLK CITY, IOWA

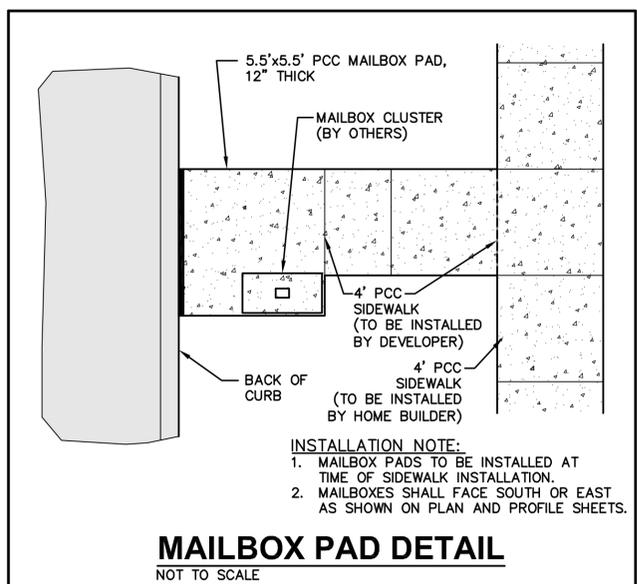
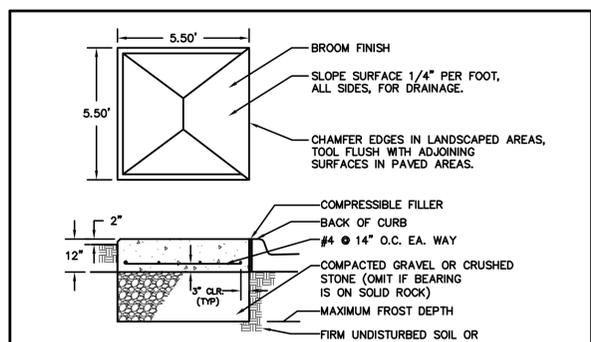
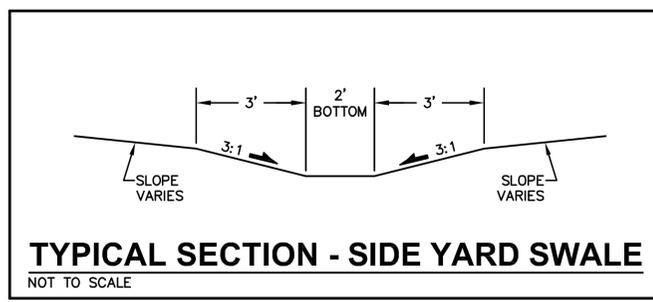
ENGINEER: EKO
 EI: GH

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REVISIONS	
THIRD SUBMITTAL	08/02/16
SECOND SUBMITTAL	07/27/16
FIRST SUBMITTAL	07/05/16

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



LOST LAKE ESTATES PLAT 4
TYPICAL SECTIONS AND DETAILS
POLK CITY, IOWA

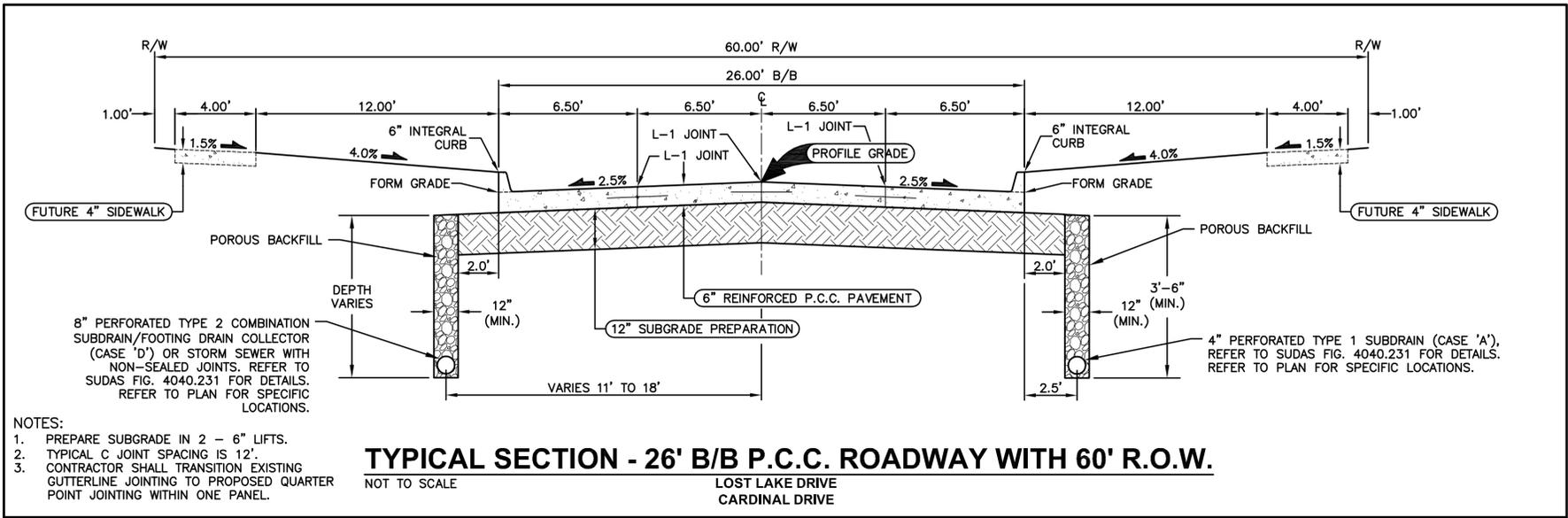
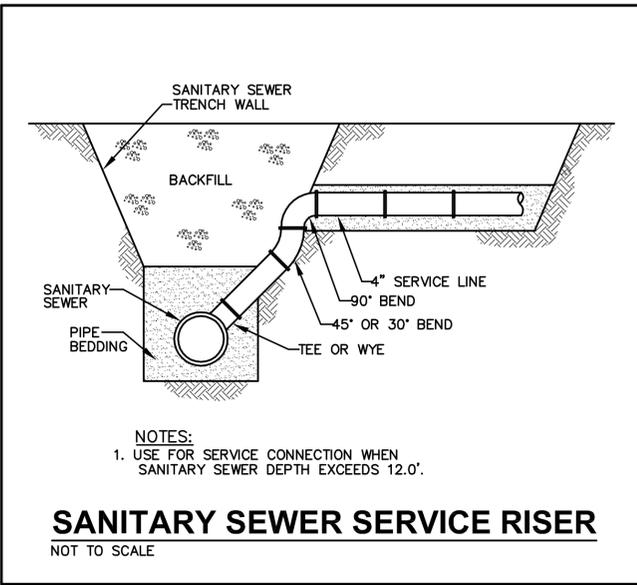
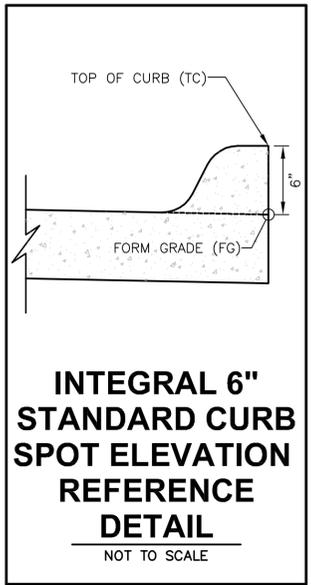
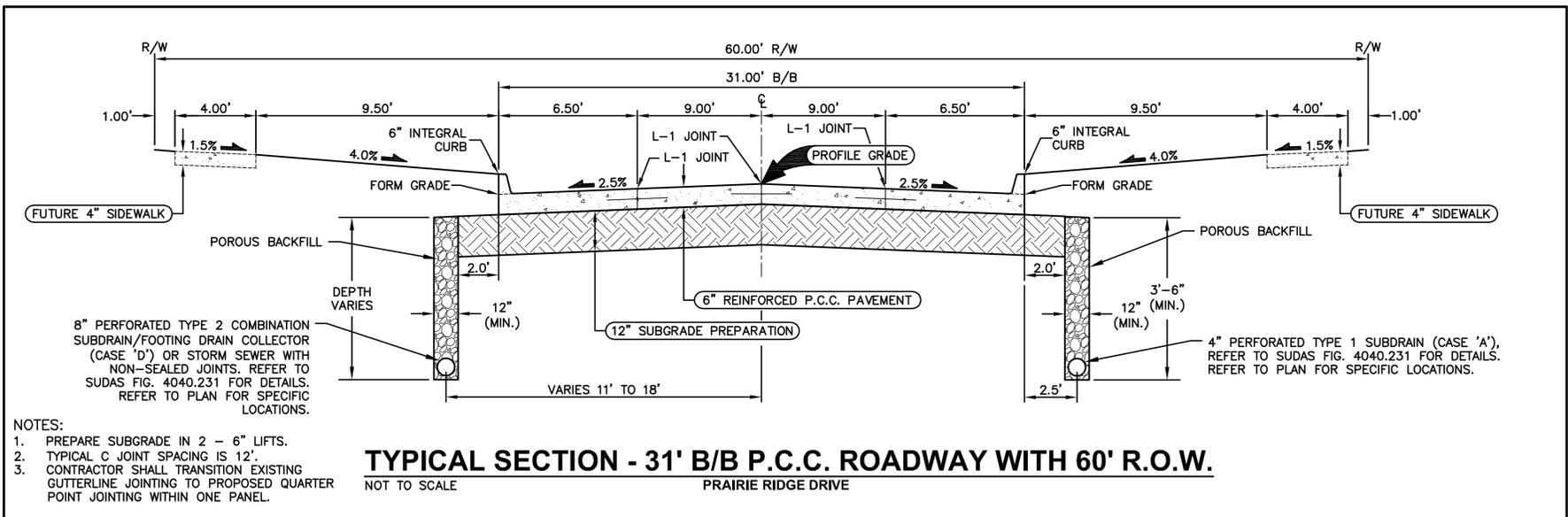
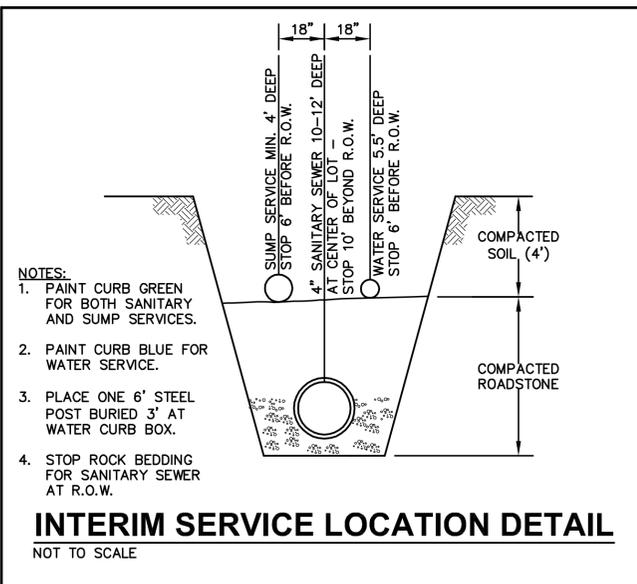
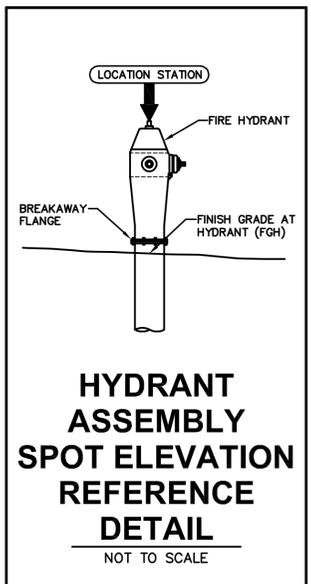
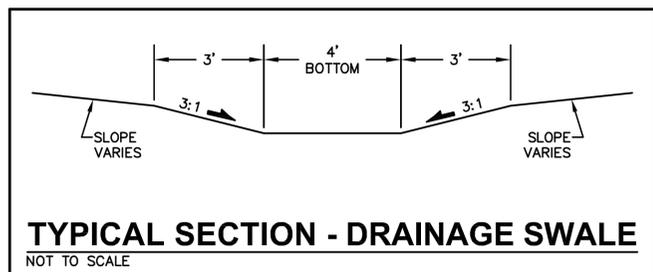
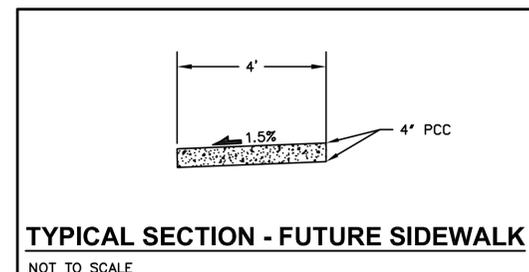


GENERAL NOTES

1. CONCRETE: 3000 PSI @ 28 DAYS, 6% AIR ENTRAINMENT 3" SLUMP, PLACE IN ACCORDANCE WITH ACI-301.
2. REINFORCING STEEL: ASTM A615, GRADE 60.
3. THIS BASE DETAIL CAN BE USED FOR NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS (NDCBU) CLUSTER BOXES AND PARCEL LOCKERS WITH 4"x10" BOLT PATTERN.
4. REQUIRED EXPANSION BOLT CAPACITY, BASED ON CALCULATED DESIGN LOAD= 3100 LBS TENSION, 2000 LBS SHEAR.
5. MAILBOX PADS TO BE INSTALLED AT TIME OF SIDEWALK INSTALLATION.

INSTALLATION NOTE:

1. MAILBOX PADS TO BE INSTALLED AT TIME OF SIDEWALK INSTALLATION.
2. MAILBOXES SHALL FACE SOUTH OR EAST AS SHOWN ON PLAN AND PROFILE SHEETS.



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 DATE: 8/2/2016 3:41 PM
 PLOTTED BY: MURRAY
 TITLE:

ESTIMATED PROJECT QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
1	STRIPPING, SALVAGING AND SPREAD TOPSOIL	LS	1
2	CLASS 10 EXCAVATION	LS	1
3	SUBGRADE PREPARATION	SY	7687
4	CONNECT TO EXISTING SANITARY SEWER	EA	2
5	SANITARY SEWER GRAVITY MAIN, 8" DIA	LF	1614
6	SANITARY SERVICE STUB	EA	38
7	CONNECT TO EXISTING STORM SEWER	EA	1
8	SUBDRAIN, PERFORATED PVC, 4" DIA	LF	1503
9	STORM SEWER, TRENCHED, RCP, 15" DIA	LF	376
10	STORM SEWER, TRENCHED, RCP, 18" DIA	LF	816
11	STORM SEWER, TRENCHED, RCP, 24" DIA	LF	706
12	STORM SEWER, TRENCHED, RCP, 36" DIA	LF	205
13	COMBINATION STORM SEWER SUMP, 8" DIA	LF	585
14	STORM SEWER SERVICE STUB	EA	38
15	STORM SEWER, 15" RCP APRON	EA	2
16	STORM SEWER, 18" RCP APRON	EA	2
17	STORM SEWER, 24" RCP APRON	EA	1
18	STORM SEWER, 36" RCP APRON	EA	1
19	FOOTING FOR CONCRETE PIPE APRON, RCP, 15" DIA	EA	2
20	FOOTING FOR CONCRETE PIPE APRON, RCP, 18" DIA	EA	2
21	FOOTING FOR CONCRETE PIPE APRON, RCP, 24" DIA	EA	1
22	FOOTING FOR CONCRETE PIPE APRON, RCP, 36" DIA	EA	1
23	PIPE APRON GUARD	EA	6
24	CONNECT TO EXISTING WATERMAIN	EA	3
25	WATER MAIN, TRENCHED, 8" DIA	LF	1955
26	WATER SERVICE STUB, 1" DIA	EA	38
27	VALVE, 8" DIA	EA	4
28	TAPPING SLEEVE AND VALVE, 8" DIA	EA	1
29	FIRE HYDRANT ASSEMBLY	EA	5
30	TEMPORARY FIRE HYDRANT ASSEMBLY (REMOVE)	EA	2
31	MANHOLE, TYPE SW-301, 48" DIA	EA	6
32	MANHOLE, TYPE SW-401, 48" DIA	EA	2
33	MANHOLE, TYPE SW-401, 72" DIA	EA	2
34	INTAKE, TYPE SW-501	EA	2
35	INTAKE, TYPE SW-503	EA	2
36	INTAKE, TYPE SW-505	EA	3
37	INTAKE, TYPE SW-506	EA	4
38	STORM SEWER CLEANOUT	EA	6
39	PAVEMENT, 6" REINFORCED P.C.C.	SY	6735
40	SIDEWALK RAMPS, 6" P.C.C.	SY	87
41	SHARED USE PATH, 5" P.C.C.	SY	207
42	SIDEWALK, 4" P.C.C.	SY	496
43	MAILBOX PAD, 12" P.C.C.	SY	4
44	DETECTABLE WARNING PANELS	SF	124
45	ROAD CLOSURE SIGNS (REMOVE)	EA	10
46	DEMOLITION	LS	1
47	CLASS 'E' RIP-RAP	TONS	25

ESTIMATE REFERENCE INFORMATION

Data listed below is for informational purpose only and shall not constitute a basis for any extra work orders.

ITEM NO.	DESCRIPTION
	THE 2016 EDITION OF SUDAS STANDARD SPECIFICATIONS AND ALL CITY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO ALL WORK PERFORMED ON THIS PROJECT EXCEPT AS OTHERWISE NOTED. ALL REFERENCES TO SECTIONS AND FIGURES ARE TO THE SUDAS STANDARD SPECIFICATIONS.
1	STRIP, SALVAGE AND RESPREAD TOPSOIL. RESPREAD SALVAGED TOPSOIL WITHIN THE RIGHT OF WAY, ON BACKSLOPES AND IN DEVELOPED AREAS. TOPSOIL TO BE RESPREAD SHALL BE FREE OF ROCK AND DEBRIS AND BE SUITABLE FOR THE GROWTH OF GRASS. COORDINATE LOCATION OF STOCKPILE WITH OWNER.
2	EXCAVATION INCLUDES ALL WORK NECESSARY TO ACHIEVE PROPER GRADES AS SHOWN IN THE PLANS. NO PAYMENT FOR OVERHAUL SHALL BE ALLOWED.
3	REFER TO SHEET 3 TYPICAL SECTION DETAIL FOR TYPICAL LOCATIONS AND THICKNESS.
4, 7	REFER TO SHEET 9 AND 11 FOR LOCATION.
5-14	REFER TO FIG. 3010.101 AND 3010.103 FOR PIPE EMBEDMENT AND BACKFILL DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. CONNECTION TO EXISTING SEWER SHALL BE CONSIDERED INCIDENTAL. COMPACTION TESTING TO BE PROVIDED ALONG EXISTING SANITARY SEWER LOCATED ON LOST LAKE DRIVE THAT WAS INSTALLED DURING LOST LAKE ESTATES PLAT 1 CONSTRUCTION ACTIVITIES..
6	REFER TO SHEET 3 FOR TYPICAL SANITARY SEWER SERVICE STUB DETAIL. RISERS WERE INSTALLED WITH LOST LAKE ESTATES PLAT 1 CONSTRUCTION FOR LOTS 27-28 AND 37-39. REFER TO SHEETS 11 AND 12 FOR LOCATIONS. EXISTING SANITARY SEWER TO BE FLUSHED ONCE SERVICE EXTENSIONS ARE INSTALLED. IF NEW SERVICE WYES ARE INSTALLED, THE EXISTING SANITARY SEWER WILL NEED TO BE RE-TELEVIEWED AND MAY BE SUBJECT TO ADDITIONAL TESTING.
8	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 1 (CASE 'A') INSTALLATION
13	REFER TO FIG. 4040.231 - SUBDRAINS. TYPE 2 (CASE 'D') INSTALLATION
15-22	THE LAST THREE SECTIONS AND APRON SHALL BE CONNECTED WITH PIPE CONNECTORS, PER SECTION 4030, 3.02C. REFER TO FIG. 4030.221 FOR RCP APRON SECTION FOOTING DETAIL FOR APRON INSTALLATION DETAILS.
23	APRON GUARD REQUIRED ON ALL APRONS. REFER TO IOWA DOT STANDARD ROAD PLAN RF-26 FOR DETAILS.
24	REFER TO SHEETS 17, 19 AND 21 FOR LOCATIONS.
25-26	REFER TO FIG. 3010.101 AND 3010.104 FOR PIPE EMBEDMENT DETAILS. GRANULAR PIPE BEDDING SHALL BE CONSIDERED INCIDENTAL. REFER TO FIG. 5010.101 FOR THRUST BLOCK DETAILS. PROVIDE POLYETHYLENE ENCASEMENT PER SECTION 5010 3.05. REFER TO FIG. 5010.102 FOR TRACER WIRE DETAILS. ALL FITTINGS, THRUST BLOCKS, POLYETHYLENE ENCASEMENT AND TRACER SYSTEM SHALL BE CONSIDERED INCIDENTAL.
29-30	REFER TO FIG. 5020.201 - FIRE HYDRANT DETAIL FOR FIRE HYDRANT CONSTRUCTION DETAILS. INCLUDES ANCHORING TEE, ANCHORING ELBOW, GATE VALVE, VALVE BOX, ANCHORING PIPE, ANCHORING COUPLING, ELBOWS AND FIRE HYDRANT.
31	REFER TO FIG. 6010.301 FOR SW-301 SANITARY SEWER MANHOLE CONSTRUCTION DETAILS. REFER TO FIG. 6010.601 - CASTINGS FOR SANITARY SEWER MANHOLES FOR CASTING DETAILS. TYPE A CASTINGS WITH TYPE 1/1 TOP HAT BARRIERS ARE REQUIRED FOR ALL MANHOLES. A MAXIMUM OF 12" OF ADJUSTMENT RINGS ARE ALLOWED FOR NEW CONSTRUCTION.
32-33	REFER TO FIG. 6010.401 - SW-401 CIRCULAR STORM SEWER MANHOLE FOR CONSTRUCTION DETAILS.
34	REFER TO FIG. 6010.501 - SW-501 SINGLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
35	REFER TO FIG. 6010.503 - SW-503 SINGLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
36	REFER TO FIG. 6010.505 - SW-505 DOUBLE GRATE INTAKE FOR CONSTRUCTION DETAILS.
37	REFER TO FIG. 6010.506 - SW-506 DOUBLE GRATE INTAKE WITH MANHOLE FOR CONSTRUCTION DETAILS.
38	REFER TO FIG. 4040.232 - SUBDRAIN CLEANOUTS FOR CONSTRUCTION DETAILS.
39	REFER TO FIG. 7010.101 - JOINTS (TRANSVERSE CONTRACTION) AND FIG. 7010.4B - JOINTS (LONGITUDINAL CONTRACTION) FOR JOINT DETAILS. INSTALL HANDICAP CURBS AT LOCATIONS OF ALL FUTURE SIDEWALKS. REFER TO INTERSECTION SHEETS FOR JOINTING. TYPICAL C JOINT SPACING IS 15 FEET.
40, 43	ALL ACCESSIBLE RAMPS SHALL BE INSTALLED WITH THE PUBLIC IMPROVEMENTS. DETECTABLE WARNING PANELS ARE TO BE GRAY IN COLOR.
45	REFER TO PLAN AND PROFILE SHEETS FOR LOCATIONS.
46	ITEM SHALL INCLUDE REMOVAL OF ALL FIELD FENCE, ELECTRICAL POLES ON PROPERTY AND FIELD ENTRANCE. WORK WITH ELECTRIC COMPANY TO ENSURE SERVICE HAS BEEN ABANDONED. REFER TO SHEET TO LOCATION OF FIELD ENTRANCE.
47	REFER TO FIG. 9040.10 - RIP RAP APRON FOR PIPE OUTLET ONTO FLAT GROUND FOR CONSTRUCTION DETAILS.

GENERAL NOTES

- 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 CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATIONS AND TO AVOID DAMAGE THEREOF. 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.
- PRIOR TO CONSTRUCTION AND PRIOR TO CULVERT CONSTRUCTION AND BACKFILL, UTILITY CONSTRUCTION, SUBGRADE PREP, MAIN LINE PAVING, AND BOX-OUT PAVING, CONTRACTOR SHALL NOTIFY (48 HRS NOTICE) THE FOLLOWING:
A. CITY OF POLK CITY
B. SNYDER & ASSOCIATES
C. APPROPRIATE UTILITY COMPANIES
D. OWNER
E. CIVIL DESIGN ADVANTAGE
- THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY AREAS OF PAVEMENT OR SIDEWALK NOT TO BE REMOVED THAT IS DAMAGED DUE TO OPERATING HIS EQUIPMENT ON THE PAVEMENT OR SIDEWALK.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF WORK BETWEEN ALL SUPPLIERS AND SUBCONTRACTORS INVOLVED IN THE PROJECT. INCLUDING STAGING OF CONSTRUCTION DETAILS.
- THE CONTRACTOR SHALL APPLY NECESSARY MOISTURE TO THE CONSTRUCTION AREA AND HAUL ROADS TO PREVENT THE SPREAD OF DUST.
- THE CONTRACTOR MAY BE REQUIRED AS DIRECTED BY THE ENGINEER OR THE CITY, TO PLACE TEMPORARY WARNING DEVICES AND SAFETY FENCE AT CERTAIN LOCATIONS WHERE REPLACEMENT FEATURES ARE NOT INSTALLED THE SAME DAY.
- SPECIAL CARE SHALL BE TAKEN WHEN FORMING AT INTERSECTIONS SO THE PROFILES SHOWN ON THE PLANS AND THE ELEVATIONS SHOWN ON THE INTERSECTION DETAILS ARE OBTAINED. SHORT LENGTHS OF FORMS OR FLEXIBLE FORMS MAY BE NECESSARY AT THESE LOCATIONS.
- TO OBTAIN THE CORRECT FORM GRADES AT LOW POINTS WHERE INTAKES ARE LOCATED, THE CONTRACTOR MUST EXERCISE ADDITIONAL CARE WHEN PAVING FULL WIDTH PAVEMENTS. THIS MAY REQUIRE POURING ONE HALF OF THE PAVEMENT AT A TIME OR OTHER METHODS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONFINE HIS GRADING OPERATIONS TO WITHIN THE PROPOSED AND EXISTING RIGHT OF WAY, CONSTRUCTION LIMITS AND EASEMENTS SHOWN ON THE PLANS.
- PLAN AND PROFILE SHEETS INCLUDED IN THE PROJECT ARE FOR THE PURPOSE OF ALIGNMENT, LOCATION AND SPECIFIC DIRECTIONS FOR WORK TO BE PERFORMED UNDER THIS CONTRACT. IRRELEVANT DATA ON THESE SHEETS IS NOT TO BE CONSIDERED A PART OF THIS CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES REQUIRED ON THE STORM WATER POLLUTION PREVENTION PLAN.
- IN THE EVENT OF A DISCREPANCY BETWEEN DETAILED PLANS AND QUANTITIES, THE DETAILED PLANS SHALL GOVERN.
- ALL TRAFFIC CONTROL SHALL COMPLY WITH MUTCD.
- ALL SLOPES IN PAVEMENT SHALL BE UNIFORM TO AVOID PONDING.
- DO NOT STORE CONSTRUCTION MATERIALS AND EQUIPMENT IN THE RIGHT OF WAY.
- ALL PROPERTY PINS SHALL BE PROTECTED FROM GRADING OR OTHER OPERATIONS. ANY PINS DISTURBED SHALL BE RESET AT THE CONTRACTOR'S EXPENSE.
- ALL FIELD TILES ENCOUNTERED SHALL BE REPAIRED AND CONNECTED TO STORM SEWERS WHERE POSSIBLE. LOCATIONS SHALL BE PROVIDED TO ENGINEER FOR NOTATION ON AS-BUILTS.
- ANY 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.
- PRIOR TO ANY WORK AT THE SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER OR ENGINEER, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
- CONTRACTOR SHALL COMPLY WITH ALL P.R.O.W.A.G. AND A.D.A. REQUIREMENTS FOR ACCESSIBLE SIDEWALK RAMPS INCLUDING RAISED TRUNCATED DOME DETECTABLE WARNINGS.
- REMOVE ALL DEBRIS SPILLED INTO R.O.W. AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND 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. PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE OWNER.
- ALL MATERIAL TESTING SHALL BE CONSIDERED INCIDENTAL TO OTHER CONSTRUCTION.

TRAFFIC CONTROL NOTES

- ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 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.
- THE CONTRACTOR SHALL COORDINATE HIS TRAFFIC CONTROL WITH OTHER CONSTRUCTION PROJECTS IN THE AREA.
- SIDEWALK CLOSED SIGNS REQUIRED FOR ALL SIDEWALK CLOSURES. SIGNAGE AND TEMPORARY PEDESTRIAN ACCESS ROUTE THROUGH CONSTRUCTION AREA SHALL MEET THE REQUIREMENTS OF PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), SECTION R205 AND IOWA DOT DESIGN MANUAL, CHAPTER 12A-4.
- 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.

GEOTECHNICAL RECOMMENDATIONS

- THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL RECOMMENDATIONS OF THE SOILS REPORT DATED SEPTEMBER 21, 2012 AND THE ADDENDUM LETTER DATED APRIL 29, 2013 PREPARED BY CONSTRUCTION MATERIAL TESTING.
- IN AREAS OF FILL UNDER PAVEMENT AND WHERE UTILITY TRENCHES EXTEND BELOW PAVEMENT, SUITABLE COHESIVE SOILS COMPACTED TO A MINIMUM OF 95 PERCENT OF MAXIMUM DRY DENSITY DETERMINED BY ASTM D698 SHALL BE PROVIDED AND PLACED AT A MOISTURE CONTENT OF -1 TO +4 PERCENT OF OPTIMUM AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D698). NO FILL SHALL BE PLACED IN LIFTS GREATER THAN ONE FOOT IN THICKNESS.

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 DATE: 8/22/2016 3:41 PM
 COMMENTS:
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DATE	08/02/16	07/27/16	07/05/16
REVISIONS			
	THIRD SUBMITTAL	SECOND SUBMITTAL	FIRST SUBMITTAL

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



LOST LAKE ESTATES PLAT 4
QUANTITIES AND REFERENCE NOTES
 POLK CITY, IOWA

4/24
 1606.299

CITY OF POLK CITY TYPICAL NOTES:

GENERAL NOTES

- ONE WEEK PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY:
 - SNYDER & ASSOCIATES
 - DEVELOPER
 - ENGINEER
 - IOWA ONE-CALL
- THE CONTRACTOR SHALL NOTIFY THE POLK CITY PUBLIC WORKS DIRECTOR AND SNYDER & ASSOCIATES PRIOR TO COMMENCING CONSTRUCTION AND PRIOR TO UTILITY CONSTRUCTION, SUBGRADE PREPARATION, MAIN LINE PAVING AND BOX-OUT PAVING.
- ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, CURRENT AT THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR AND DEVELOPER'S ENGINEER SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE IS REQUIRED WITH THE CITY AND SNYDER & ASSOCIATES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL IOWA DNR AND IOWA DOT PERMITS SHALL BE OBTAINED PRIOR TO THE START OF CONSTRUCTION. THE DEVELOPER IS RESPONSIBLE FOR OBTAINING THE NECESSARY NPDES STORM WATER DISCHARGE PERMIT AND FOR MAINTAINING EROSION CONTROL MEASURES IN CONFORMANCE WITH THE SWPPP.
- THE CONTRACTOR SHALL PROVIDE ALL SHOP DRAWINGS AND MATERIALS SUBMITTALS TO THE DEVELOPER'S ENGINEER FOR REVIEW, APPROVAL AND THEN PROVISION TO SNYDER & ASSOCIATES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE. MATERIALS SUBMITTALS SHALL INCLUDE MANUFACTURER'S CUT SHEETS OR SIMILAR FOR PIPE MATERIALS FOR ALL UTILITIES AND UTILITY SERVICE LINES; FIRE HYDRANTS, VALVES, CURB STOPS, SUBDRAIN PIPE MATERIALS, CLEAN-OUTS, APRON GUARDS, CONCRETE MIX, MATURITY CURVES OR OTHER ACCEPTABLE TESTING. SHOP DRAWINGS SHALL INCLUDE MANHOLES, INTAKES, BOX CULVERTS, FENCING/GUARD RAILS AND OTHER SPECIALTY CONSTRUCTION ITEMS.
- THE DEVELOPER'S ENGINEER SHALL IMMEDIATELY NOTIFY SNYDER & ASSOCIATES IF FIELD CONDITIONS DO NOT MATCH THE APPROVED CONSTRUCTION DRAWINGS. THESE CONDITIONS MAY INCLUDE, BUT ARE NOT LIMITED TO, STAKING DISCREPANCIES OF MORE THAN 0.2' VERTICAL OR 1.0' HORIZONTAL, DISCOVERY OF PIPES AND/OR FIELD TILES NOT SHOWN ON PLANS, ELEMENTS SHOWN ON PLANS THAT ARE MISSING IN THE FIELD, OR OTHER DISCREPANCIES BETWEEN THE APPROVED PLANS AND FIELD CONDITIONS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND PROTECT ALL UTILITIES AND STRUCTURES. DAMAGE TO UTILITIES AND STRUCTURES SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE CITY AND THE OWNER.
- THE CONTRACTOR SHALL CONDUCT CLEAN-UP OPERATIONS ON EXISTING STREETS AND ADJACENT PRIVATE PROPERTY AT THE END OF EACH WORKING DAY OR MORE OFTEN AS DIRECTED BY THE CITY.
- THE CONTRACTORS SHALL PROVIDE 4-YEAR MAINTENANCE BONDS, IN AN AMOUNT EQUAL TO THE COST OF CONSTRUCTION, FOR THE PAVING AND FOR WATER MAINS, SANITARY SEWERS, STORM SEWERS, INCLUDING ALL UTILITY SERVICES. THE MAINTENANCE BONDS SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING THE AS-BUILT LOCATION OF ALL SANITARY SEWER, SUMP AND WATER MAIN SERVICES. A TABLE DIMENSIONING THE DISTANCE FROM THE NEAREST PROPERTY CORNER TO EACH SERVICE SHALL BE PROVIDED TO THE CITY ENGINEER PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING TRAFFIC CONTROL IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- HANDICAP RAMPS, IF ANY, FOR DESIGNATED BIKE TRAILS SHALL HAVE BRICK RED TRUNCATED DOMES; ALL OTHER HANDICAP RAMPS SHALL HAVE CHARCOAL GRAY TRUNCATED DOMES FOR DETECTABLE WARNINGS.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR REIMBURSING THE CITY OF POLK CITY FOR MATERIALS COSTS FOR ALL STREET SIGNS WITHIN THIS PLAT.
- THE DEVELOPER'S ENGINEER SHALL PROVIDE AS-BUILT MYLARS, CAD FILES IN ELECTRONIC FORMAT, AND PDF FILES OF THE FULL RECORD DRAWING SET TO THE CITY ENGINEER PRIOR TO ACCEPTANCE OF THE PUBLIC IMPROVEMENTS. RECORD DRAWINGS SHALL INCLUDE FLOW LINE ELEVATIONS OF ALL SWALES AT EACH PROPERTY LINE AS PER CITY CODE.
- THE DEVELOPER'S SURVEYOR SHALL PROVIDE A STATEMENT TO THE CITY ENGINEER CERTIFYING THAT ALL PROPERTY CORNERS HAVE BEEN SET PRIOR TO COUNCIL ACCEPTANCE OF THE PUBLIC IMPROVEMENTS.
- CONSTRUCTION OBSERVATION FEES WILL BE BASED ON THE FOLLOWING:
 - 2688 LF OF STORM SEWER
 - 1614 LF OF SANITARY SEWER
 - 1955 LF OF WATER MAIN
 - 2062 LF OF PAVING

GRADING/BACKFILL NOTES

- RECONNECT ANY FIELD TILE THAT ARE INTERCEPTED DURING UTILITY CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. THE CONTRACTOR SHALL NOTIFY THE PROPER UTILITY IMMEDIATELY UPON DAMAGING ANY UTILITY LINE OR APPURTENANCE, OR IF THERE IS ANY INTERRUPTION OF THEIR SERVICE. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED AND APPROVED BY CITY.
- STRIP TOPSOIL FROM ALL AREAS WHICH ARE TO BE FILLED OR CUT.
- STOCKPILE SUFFICIENT TOPSOIL TO RESPREAD TO MINIMUM OF 4-INCHES ON UNPAVED AREAS, INCLUDING FRONT, REAR, AND SIDE YARDS OF ALL LOTS.
- ALL AREAS TO RECEIVE FILL ARE TO BE BENCHED. PREPARE BOTTOM OF BENCH FOR FILL BY DISCING TO A DEPTH OF 6-INCHES.
- ALL SITE GRADING FILL SHALL BE COMPACTED TO A DENSITY THAT IS NOT LESS THAN 95% STANDARD PROCTOR DENSITY.
- THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL NOT DEVIATE FROM OPTIMUM BY MORE THAN 1% BELOW OR 4% ABOVE.
- THE CONTRACTOR SHALL PROTECT AND BACKFILL AROUND UNDERGROUND UTILITIES. BACKFILL SHALL BE IN 6-INCH LIFTS, COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- MAINTAIN ALL CUT AND FILL AREAS FOR SURFACE DRAINAGE AT ALL TIMES.
- FINAL GRADES WITHIN PAVED AREAS SHALL BE WITHIN 0.1' OF PLAN GRADE, ALL OTHER AREAS TO BE WITHIN 0.2' OF PLAN GRADE.
- A MINIMUM OF ONE FOOT OF COMPACTED COHESIVE SUBGRADE SHALL BE PROVIDED BENEATH ALL PAVEMENTS.
- ALL SLOPES WITHIN PUBLIC EASEMENTS, RIGHT-OF-WAY, PARKS, OR LAND TO BE PUBLICALLY OWNED SHALL BE GRADED TO A 4:1, MAXIMUM SLOPE.
- ALL SLOPES ON PRIVATE PROPERTY SHALL BE 4:1 MAXIMUM, UNLESS THE SPECIFIC LOCATION(S) HAVE BEEN LABELED AS 3:1, MAXIMUM.
- ALL EXISTING ROADSIDE DITCHES SHALL BE GRADED TO DRAIN.
- ALL SWALES WITHIN DRAINAGE OR SURFACE WATER FLOWAGE EASEMENTS SHALL BE GRADED TO A 2% MINIMUM SLOPE, MEASURED ALONG THE FLOWLINE OF SAID SWALE. IF THE AS-BUILT CONDITION OF ANY SWALE HAS LESS THAN 2% MINIMUM SLOPE, A 6" SUBDRAIN WILL BE REQUIRED. THE SUBDRAIN SHALL HAVE CLEAR-OUTS LOCATED NEAR PROPERTY LINES WHERE POSSIBLE, BUT IN NO CASE HAVING A SPACING GREATER THAN 200 FEET.
- HYDRANTS, MANHOLE COVERS, AND VALVE BOXES SHALL BE SET TO CONFORM TO FINISHED PAVEMENT ELEVATIONS.
- EXISTING TREES SHALL BE SAVED TO THE EXTENT POSSIBLE TO ACCOMMODATE GRADING, UTILITY AND STREET CONSTRUCTION.
- EXISTING TREES SHALL BE REMOVED FROM EXISTING AND PROPOSED PUBLIC RIGHT-OF-WAY UNLESS THE PUBLIC WORKS DIRECTOR PROVIDES SPECIFIC APPROVAL TO MAINTAIN CERTAIN TREES WITHIN SAID RIGHT-OF-WAY.
- CONTRACTOR SHALL OBTAIN A GRADING PERMIT PRIOR TO COMMENCING CONSTRUCTION.

SANITARY SEWER NOTES

- ALL 8" SANITARY SEWER SHALL BE PVC TRUSS PIPE WITH CLASS 'F-3" BEDDING UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- PROVIDE SANITARY SEWER SERVICE RISERS AS REQUIRED.
- THE CONTRACTOR SHALL INSTALL SEWER TAPE AT THE END OF EACH SANITARY SEWER SERVICE.
- ALL INVERTS LOCATED AT AN ELEVATION ABOVE THE CENTERLINE OF THE EXISTING THROUGH PIPE AND LESS THAN 2.0' ABOVE THE MANHOLE FLOOR SHALL HAVE A POURED-IN-PLACE SLOPED INVERT.
- ALL MANHOLES WITHIN PAVEMENT SHALL HAVE TYPE 'B' ADJUSTABLE CASTINGS. ALL MANHOLES NOT WITHIN PAVEMENT SHALL HAVE TYPE 'A' NON-ADJUSTABLE CASTINGS.
- ALL MANHOLES SHALL HAVE 1/1 BARRIERS.
- ALL 4" AND 6" SANITARY SEWER SERVICES SHALL BE SDR 23.5 IN ACCORDANCE WITH URBAN STANDARD SPECIFICATIONS. ALL SERVICE LINES SHALL BE EXTENDED 10' INSIDE LOT LINES UNLESS OTHERWISE NOTED ON PLANS.
- ALL SERVICES AND 8-INCH STUB OUTS SHALL BE CAPPED.
- MANHOLE STEPS ARE REQUIRED IN ALL SANITARY SEWER MANHOLES.
- MANHOLES COVERS SHALL HAVE RAISED DIAMOND ROUGHNESS PATTERN.
- THE CONTRACTOR SHALL JET CLEAN AND VACUUM ANY SECTION OF PIPE, FROM MANHOLE TO MANHOLE, WITH MUD OR DEBRIS MORE THAN 1" DEEP, ALONG WITH ANY DOWNSTREAM SEGMENTS AS REQUIRED DUE TO THIS CONSTRUCTION.
- THE CONTRACTOR SHALL TELEWISE EVERY SANITARY SEWER LINE AND PROVIDE A COPY OF THE VIDEO TAPE AND FILE IN DIGITAL FORMAT TO SNYDER & ASSOCIATES. USING A 500 GALLON TANK AND GARDEN HOSE, THE CONTRACTOR SHALL GRAVITY FLOW WATER DOWN THE PIPE JUST PRIOR TO TELEVISIONING SO DIPS AND SAGS CAN BE IDENTIFIED. THE CITY SHALL NOTIFY THE CONTRACTOR OF ANY NECESSARY REPAIRS AND/OR CLEANING REQUIRED PRIOR TO COMMENCING PAVING. THE SEGMENTS SHALL THEN BE RE-TELEVIEWED TO DEMONSTRATE PIPES ARE CLEAN. REPAIRS, IF NECESSARY, AND RE-TELEVISIONING SHALL BE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL SWEEP ALL JOINTS TO REMOVE ROCKS AND DEBRIS FROM THE ENDS OF PIPE PRIOR TO MAKING THE JOINT CONNECTION. REPAIRS, IF NECESSARY, DUE TO ROCKS AND/OR DEBRIS IN JOINT(S) SHALL BE AT THE CONTRACTOR'S EXPENSE.
- SAGS IN PIPE SHALL NOT EXCEED TOLERANCES AS SPECIFIED BY SUDAS. REPAIRS, IF NECESSARY, AND RE-TELEVISIONING SHALL BE AT THE CONTRACTOR'S EXPENSE.
- EXISTING MAIN TO BE FLUSHED AFTER SANITARY SEWER SERVICE EXTENSION. IF NEW WYES NEED TO BE CUT IN, SANITARY MAIN WILL NOT BE RE-TELEVIEWED AND MAY BE SUBJECT TO ADDITIONAL TESTING.

STORM SEWER NOTES

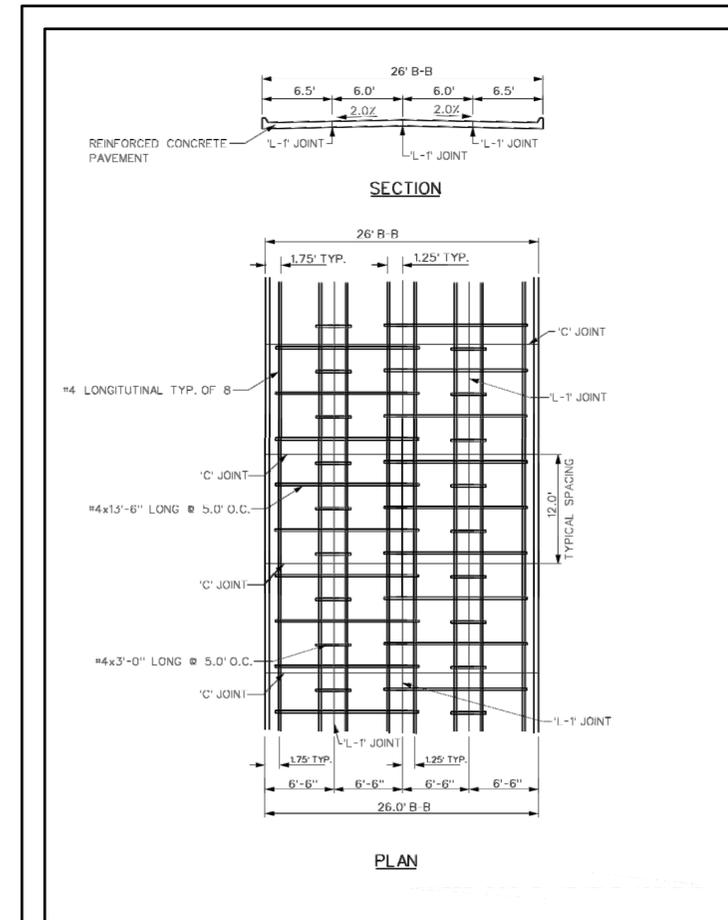
- ADDITIONAL RIP-RAP MAY BE REQUIRED AT THE FES BASED UPON FIELD REVIEW BY CITY OF POLK CITY.
- PROVIDE SUBDRAIN BEHIND BACK OF CURB ON PUBLIC STREETS AS REQUIRED BASED ON SUBSURFACE MOISTURE CONDITIONS. ANY SUBDRAIN CROSSING UNDER THE PAVEMENT SHALL BE RCP PIPE.
- ALL CURB INTAKES SHALL HAVE TYPE 'R' VANE GRATES.
- ALL INTAKES SHALL BE POURED-IN-PLACE CONCRETE OR PRECAST CONCRETE.
- ALL 12" AND LARGER STORM SEWERS SHALL BE RCP.
- 8-INCH FOOTING DRAINS TO BE PVC, SDR 35.
- FOOTING DRAIN SERVICES TO BE 4-INCH PVC, SDR 35. EXTEND SERVICES 10' INSIDE LOT UNLESS OTHERWISE NOTED.
- ALL INTAKES SHALL BE LOCATED A MINIMUM OF 7.5 FEET FROM END OF RETURNS.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 3'-6" COVER ON ALL STORM SEWER, INCLUDING SUMP SERVICES.
- INSTALL CONTINUOUS PERFORATED SUBDRAIN IN LOCATIONS SHOWN ON PLANS.
- ALL SUBDRAIN, 6-INCHES OR SMALLER, SHALL HAVE CRITTER GUARDS.
- ALL CLEAN-OUTS SHALL BE SET IN A 12" X 12" CONCRETE PAD.
- FLARED END SECTIONS AND LAST 3 PIPE SECTIONS MUST BE TIED. ALL FLARED END SECTIONS SHALL HAVE 48-INCH FOOTINGS AND APRON GUARD.
- ADDITIONAL RIP RAP MAY BE REQUIRED AT ANY FES BASED UPON FIELD REVIEW BY THE CITY OF POLK CITY.

PAVING NOTES

- THE CONTRACTOR SHALL ATTEND A PRE-POUR MEETING WITH THE CITY AND SNYDER & ASSOCIATES PRIOR TO COMMENCING PAVING OPERATIONS. NO PAVING OPERATIONS SHALL BEGIN UNTIL CONTRACTOR HAS RECEIVED AUTHORIZATION FROM SNYDER & ASSOCIATES.
- THE CONTRACTOR WILL NEED TO PROVIDE COPIES OF ALL TEST RESULTS REPORTING, INCLUDING BUT NOT LIMITED TO COMPACTION TESTS AND SANITARY SEWER TELEVISIONING, TO SNYDER & ASSOCIATES FOR REVIEW PRIOR TO REQUESTING THE PRE-POUR MEETING.
- ALL ELEVATIONS ARE PROPOSED FINISHED GRADE AT TOP OF CURB UNLESS OTHERWISE NOTED.
- PAVEMENTS SHALL BE 6" REINFORCED PCC PAVEMENT.
- ALL STREETS SHALL HAVE 6" INTEGRAL CURBS.
- PROVIDE CURB DROPS FOR SIDEWALKS AT INTERSECTIONS.
- CONSTRUCTION OF HANDICAP ACCESSIBLE RAMPS, WITH DETECTIBLE WARNINGS AND INCLUDING COMMON SQUARE, SHALL BE THE RESPONSIBILITY OF THE HOMEBUILDER UNLESS OTHERWISE NOTED ON THE PLANS.

WATER MAIN NOTES

- PIPE MATERIALS SHALL BE AWWA C900, CLASS 150 PVC.
- INSTALL NO. 10 THHN STANDARD COPPER TRACER WIRE UNDER PIPE, BRING TRACER WIRE TO SURFACE AT HYDRANTS, TERMINATING IN RECEPTACLE BOX.
- CONNECT NEW TRACER TO EXISTING USING APPROVED SPLICE KIT AND PROVIDE A GROUND ROD AT END OF TRACER WIRE FOR LOCATION AND EXTENSION IN FUTURE. THE CITY WILL TEST THE TRACER WIRE PRIOR TO ACCEPTANCE OF PLAT AND REPAIRS, IF ANY, SHALL BE AT THE CONTRACTOR'S EXPENSE.
- HYDRANTS SHALL BE SET 3.5 FEET FROM THE WATER MAIN.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY THAT FIRE HYDRANTS WILL NOT CONFLICT WITH SIDEWALK CONSTRUCTION.
- HYDRANTS, MANHOLE COVERS AND VALVE BOXES SHALL BE SET TO CONFORM TO FINISHED PAVEMENT ELEVATIONS.
- HYDRANTS TO BE WATROUS PRODUCTS, OPEN LEFT, PAINTED YELLOW.
- STOP BOXES FOR 1" THROUGH 2" WATER SERVICE LINES SHALL INCLUDE A STAINLESS STEEL SELF-CENTERING ROD WITH STAINLESS STEEL COTTER PIN WITHIN THE A STOP BOX HOUSING. ALL STOP BOX INSTALLATIONS SHALL BE COMPLETED IN SUCH A MANNER THAT THE LID IS ALLOW TO RAISE WITH THE FROST AND LOWER IF DRIVEN OVER WITH OUT DAMAGE TO CURB VALVE. FINISH GRADE OF THE LID SHALL BE LEVEL WITH THE SURROUNDING SURFACE AND DOES NOT PRESENT A HAZARD TO THE PUBLIC.
- ALL VALVES SHALL BE RESILIENT WEDGE GATE VALVES.
- SERVICES TO BE 1-INCH COPPER.
- RISER RODS ARE REQUIRED AT ALL CURB STOPS.
- WATER MAIN TO HAVE 5½ FEET BURY, TYPICAL EXCEPT AT CRITICAL CROSSINGS.
- ALL VALVES SHALL HAVE A VALVE BOX ADAPTER INSTALLED TO MAINTAIN ALIGNMENT.
- THE CONTRACTOR SHALL REMOVE CHAINS ON ALL HYDRANTS.
- THE CONTRACTOR SHALL WORK WITH THE CITY OF POLK CITY WATER DEPARTMENT AND SNYDER & ASSOCIATES WHEN OPERATING EXISTING VALVES. WATER SHALL NOT BE TURNED ON WITHOUT PRIOR APPROVAL OF THE CITY OF POLK CITY.
- WATER CAN NOT BE USED BY THE CONTRACTOR UNLESS IT IS PART OF THE PURIFICATION PROCESS OF THE MAIN. WATER NEEDED FOR ANY REASON AFTER BACTERIA TESTING HAS BEEN COMPLETED AND PASSED WILL NEED PRIOR APPROVAL FROM THE CITY OF POLK CITY.
- PROVIDE 2" BLOW-OFF AT THE TERMINAL END OF THE 8" WATER LINE UNLESS HYDRANT HAS BEEN PROVIDED.
- WATER MAIN SHALL BE PRESSURE TESTED AND CHLORINATED, WITH SNYDER & ASSOCIATES PRESENT. RESULTS OF TESTS SHALL BE PROVIDED TO PUBLIC WORKS. IF ANY TESTS DO NOT PASS, THE CONTRACTOR SHALL REIMBURSE THE CITY FOR THE COST OF THE WATER ASSOCIATED WITH RE-TESTING.



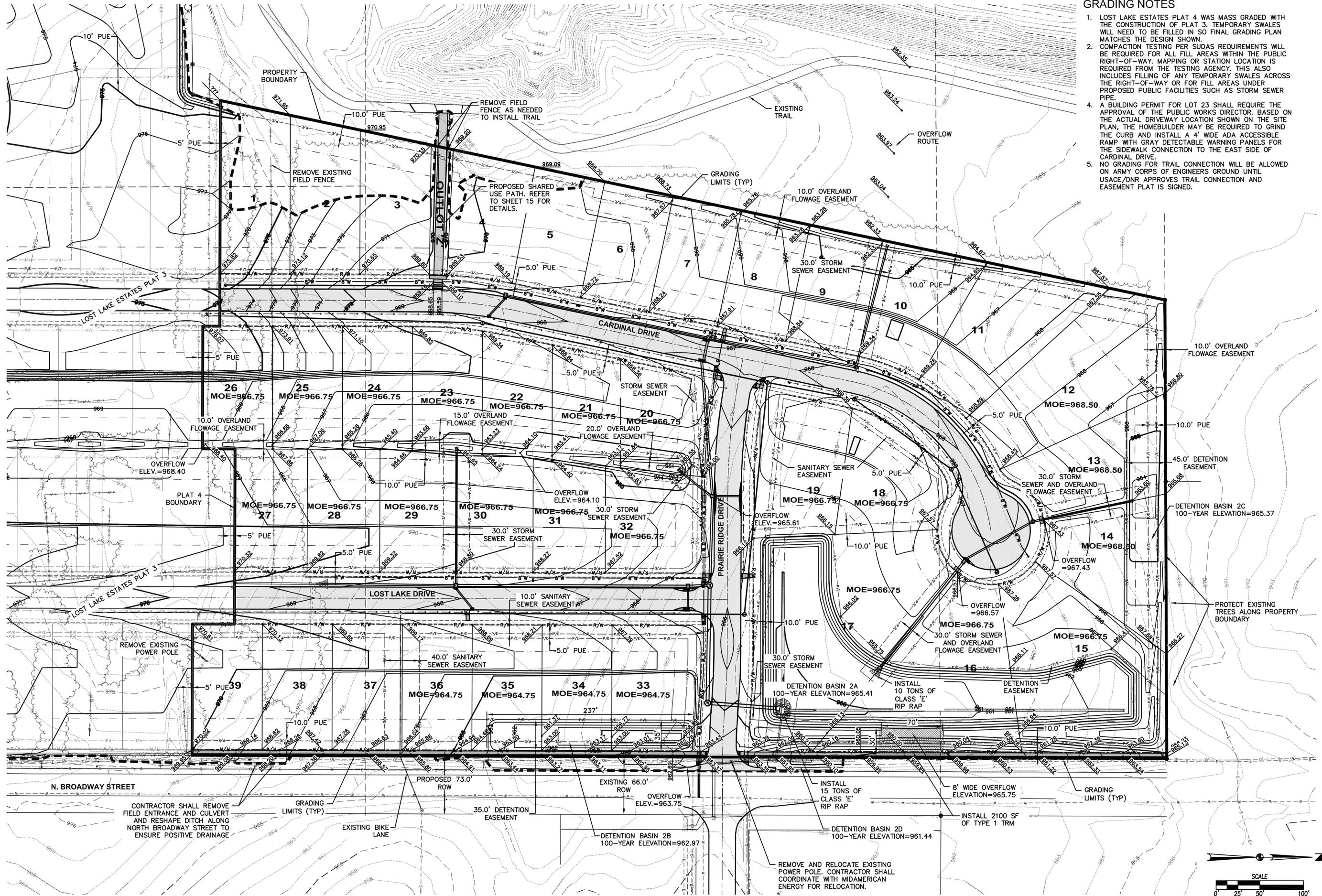
CONTINUOUSLY REINFORCED JOINTED PCC PAVEMENT
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REVISIONS			
THIRD SUBMITTAL			
SECOND SUBMITTAL			
FIRST SUBMITTAL			

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 ENGINEER: EKO
 EI: GH

LOST LAKE ESTATES PLAT 4
POLK CITY CONSTRUCTION NOTES
 POLK CITY, IOWA
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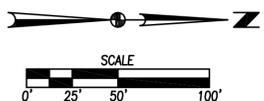


- ### GRADING NOTES
1. LOST LAKE ESTATES PLAT 4 WAS MASS GRADED WITH THE CONSTRUCTION OF PLAT 3. TEMPORARY SWALES WILL NEED TO BE FILLED IN SO FINAL GRADING PLAN MATCHES THE DESIGN SHOWN.
 2. COMPACTION TESTING PER SUDAS REQUIREMENTS WILL BE REQUIRED FOR ALL FILL AREAS WITHIN THE PUBLIC RIGHT-OF-WAY, MAPPING OR STATION LOCATION IS REQUIRED FROM THE TESTING AGENCY. THIS ALSO INCLUDES FILLING OF ANY TEMPORARY SWALES ACROSS THE RIGHT-OF-WAY OR FOR FILL AREAS UNDER PROPOSED PUBLIC FACILITIES SUCH AS STORM SEWER PIPE.
 4. A BUILDING PERMIT FOR LOT 23 SHALL REQUIRE THE APPROVAL OF THE PUBLIC WORKS DIRECTOR. BASED ON THE ACTUAL DRIVEWAY LOCATION SHOWN ON THE SITE PLAN, THE HOMEOWNER MAY BE REQUIRED TO GRIND THE CURB AND INSTALL A 4' WIDE ADA ACCESSIBLE RAMP WITH GRAY DETECTABLE WARNING PANELS FOR THE SIDEWALK CONNECTION TO THE EAST SIDE OF CARDINAL DRIVE.
 5. NO GRADING FOR TRAIL CONNECTION WILL BE ALLOWED ON ARMY CORPS OF ENGINEERS GROUND UNTIL USACE/DNR APPROVES TRAIL CONNECTION AND EASEMENT PLAT IS SIGNED.

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CONTRACTOR SHALL REMOVE FIELD ENTRANCE AND CULVERT AND RESHAPE DITCH ALONG NORTH BROADWAY STREET TO ENSURE POSITIVE DRAINAGE

REMOVE AND RELOCATE EXISTING POWER POLE. CONTRACTOR SHALL COORDINATE WITH MIDAMERICAN ENERGY FOR RELOCATION.



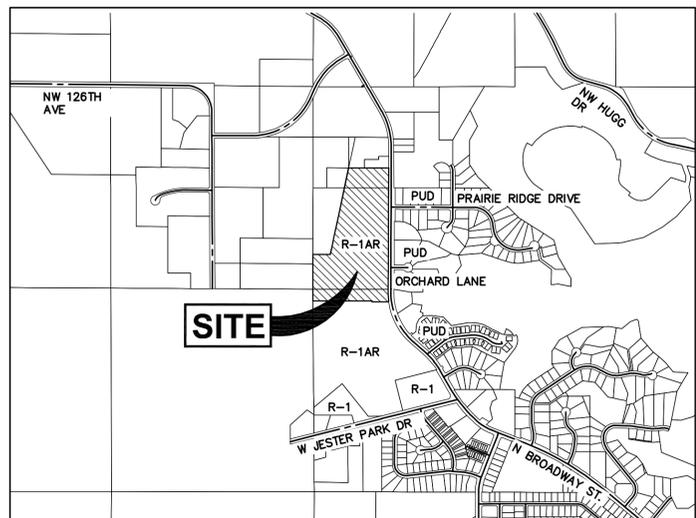
<h1 style="margin: 0;">LOST LAKE ESTATES PLAT 4</h1> <h2 style="margin: 0;">GRADING PLAN</h2>	<p>DATE: 08/22/16 THIRD SUBMITTAL: 07/27/16 SECOND SUBMITTAL: 07/27/16 FIRST SUBMITTAL: 07/05/16</p>
	<p>ENGINEER: EKO EI: GH</p>
<p>POLK CITY, IOWA</p>	<p>3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410</p>

LOST LAKE ESTATES PLAT 4

EROSION AND SEDIMENT CONTROL PLAN

VICINITY MAP

NOT TO SCALE



POLK CITY, IOWA

DISCHARGE POINT SUMMARY

DISCHARGE POINT #1 TO SAYLORVILLE LAKE/DES MOINES RIVER ±300 FT	15.68 ACRES
TOTAL AREA DISTURBED TO DISCHARGE POINT	56,448 CU FT
STORAGE VOLUME REQUIRED (# OF ACRES*3600 CU FT)	2,714 CU FT
VOLUME PROVIDED IN SILT FENCE (603 LF @ AVG OF 4.5 CU FT/LF OF FENCE)	93,088 CU FT
VOLUME PROVIDED IN EX.TSB #1	95,802 CU FT
TOTAL VOLUME PROVIDED	

STABILIZATION QUANTITIES

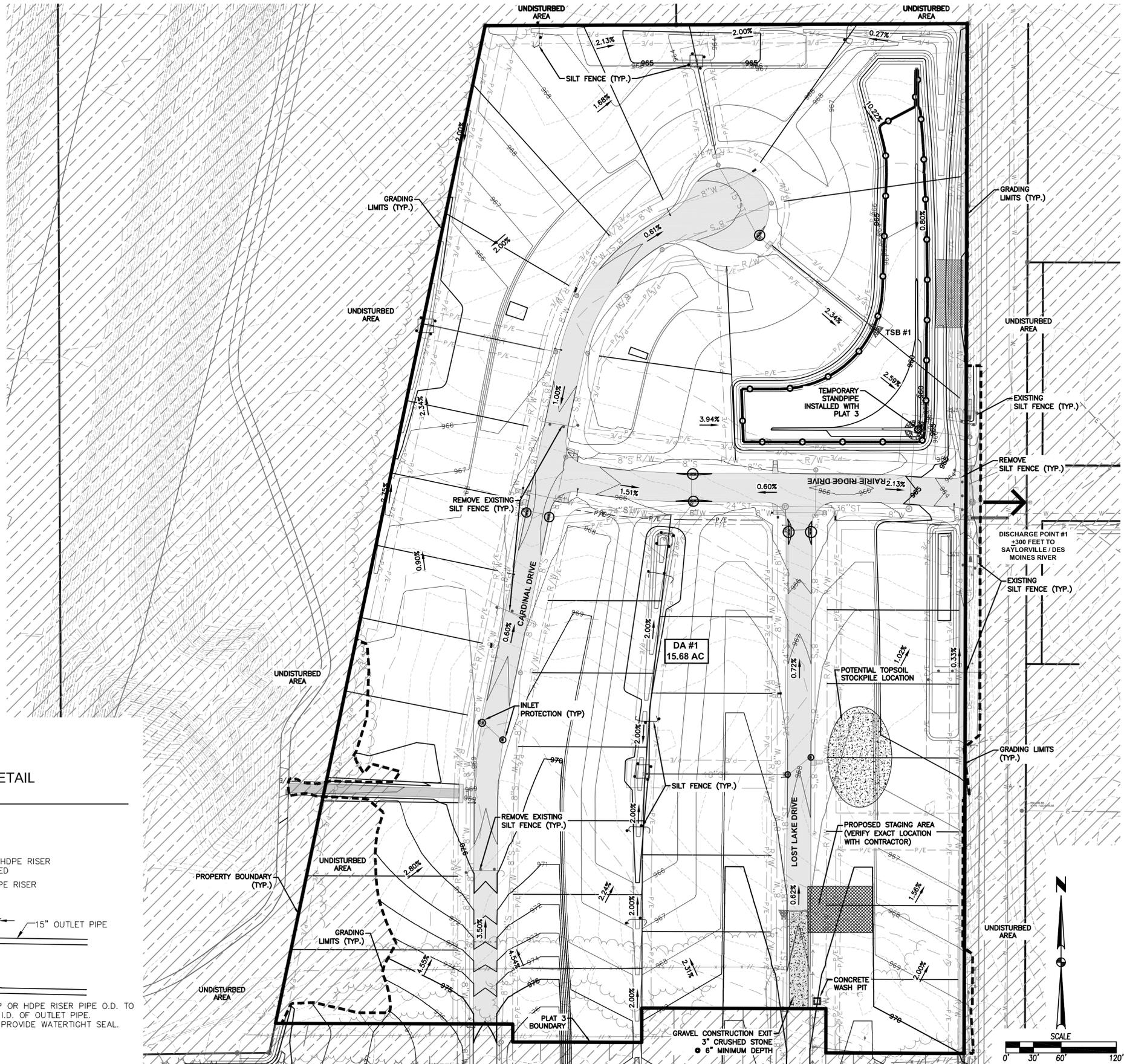
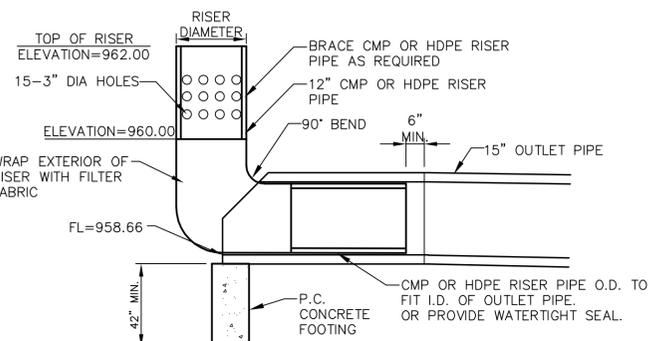
ITEM NO.	ITEM	UNIT	TOTAL
1	SILT FENCE (190 LF EXISTING)	LF	413
2	SEEDING, FERTILIZING, AND MULCHING	AC	13.87
3	INLET PROTECTION DEVICES	EA	11
4	CONCRETE WASHOUT PIT	EA	1

SWPPP LEGEND

DRAINAGE ARROW		X.XX %
GRADING LIMITS		
FILTER SOCK		
SILT FENCE		
INLET PROTECTION		
PORTABLE RESTROOM		
CONCRETE WASHOUT PIT		
TEMPORARY STANDPIPE		
UNDISTURBED AREA		
RIPRAP		
GRAVEL ENTRANCE		
STAGING AREA		
TEMPORARY SEDIMENT BASIN		

EXISTING TEMPORARY STAND PIPE DETAIL INSTALLED WITH PLAT 3

NOT TO SCALE



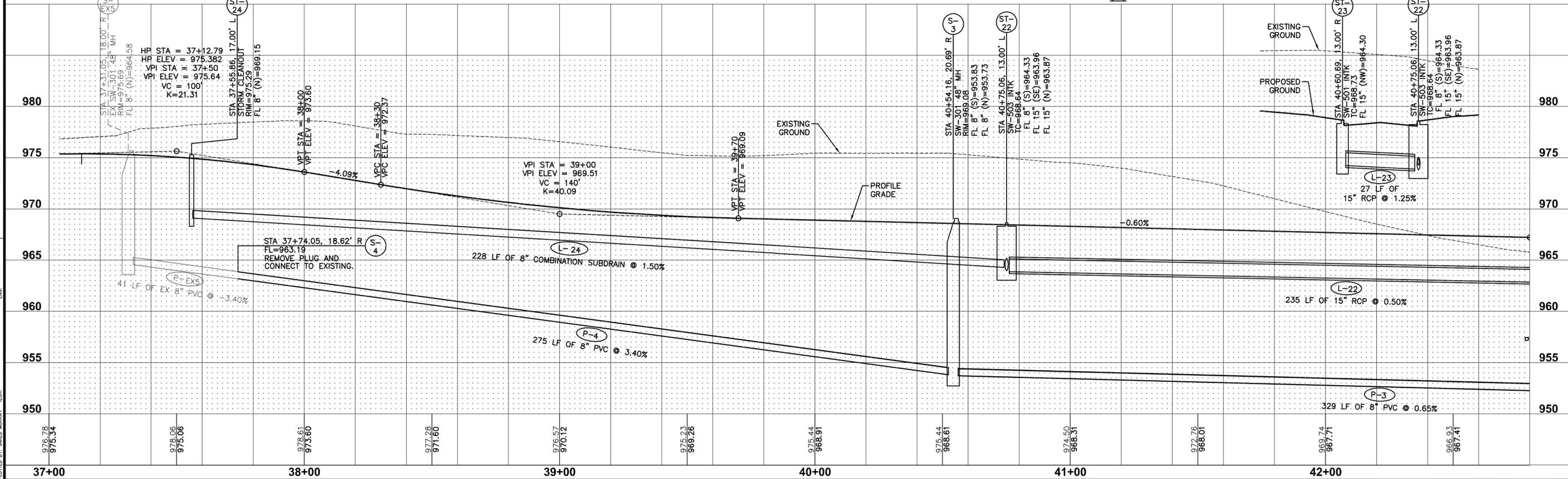
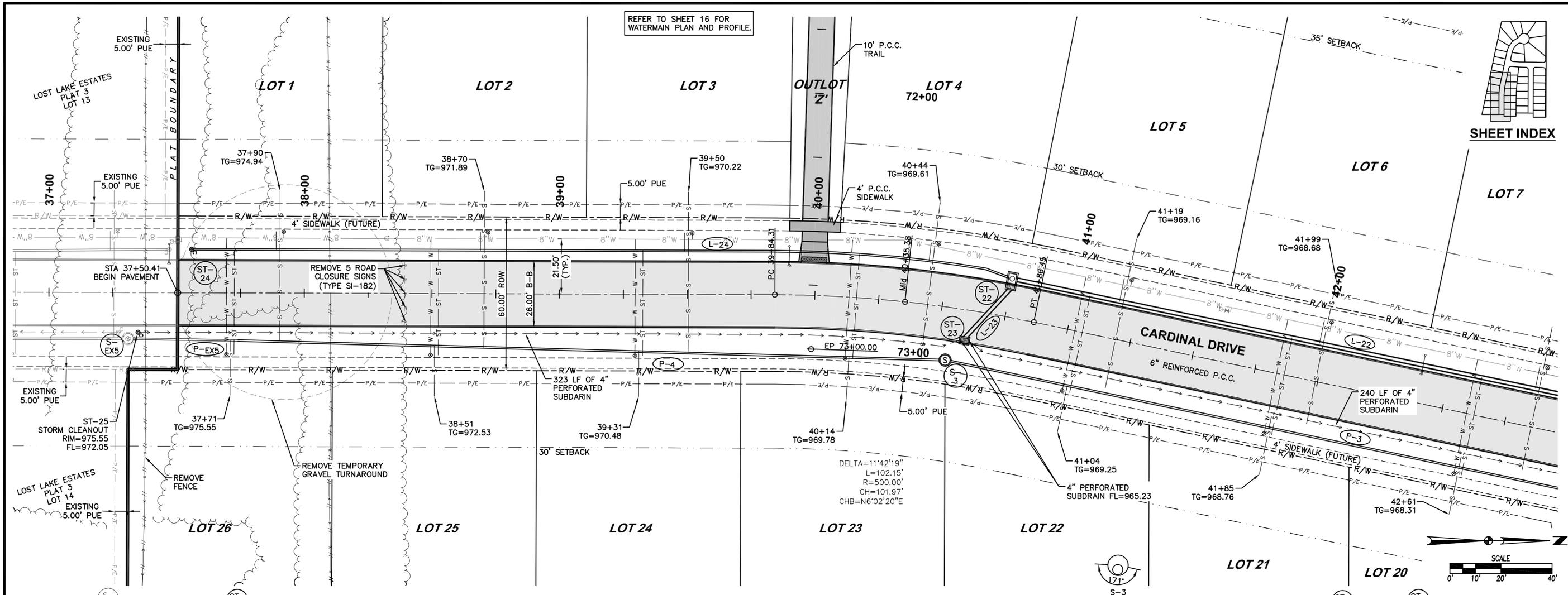
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07/21/16 <td>SECOND SUBMITTAL</td>	SECOND SUBMITTAL
07/05/16 <td>FIRST SUBMITTAL</td>	FIRST SUBMITTAL

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REFER TO SHEET 16 FOR WATERMAIN PLAN AND PROFILE.



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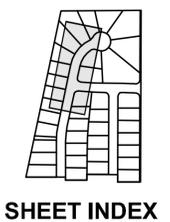
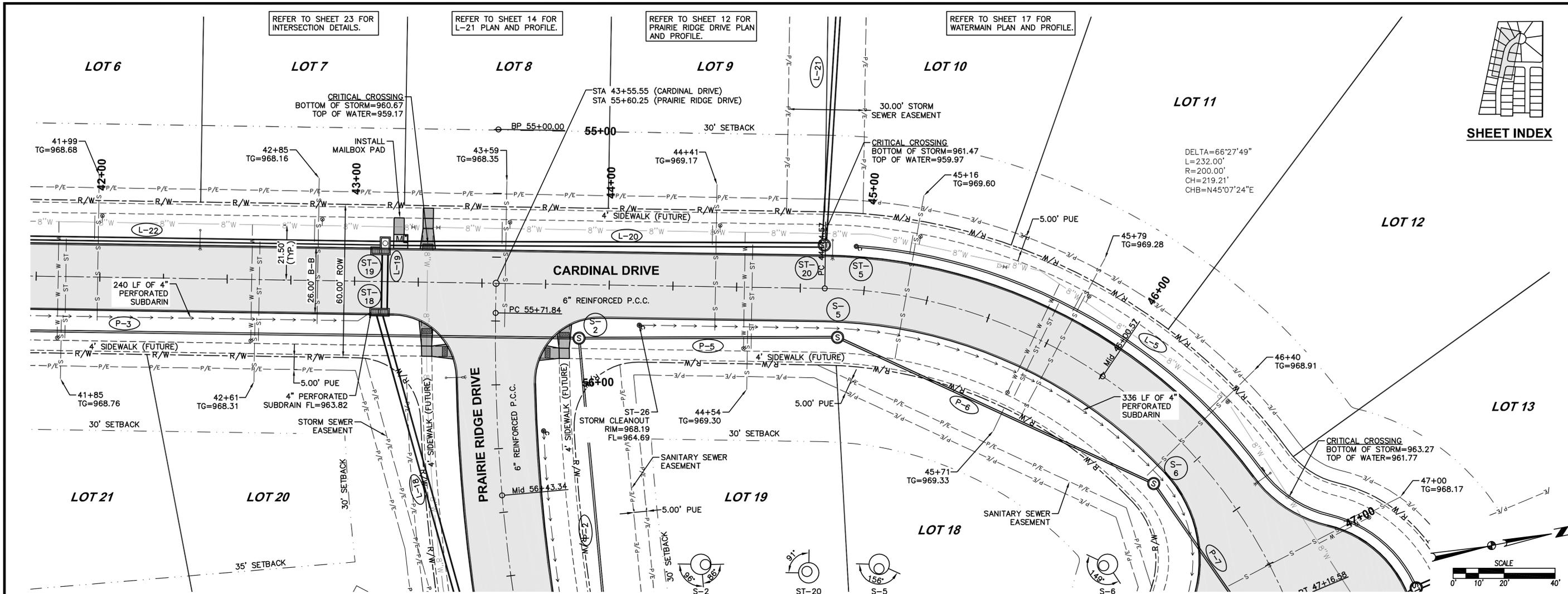
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SECOND SUBMITTAL	07/21/16
FIRST SUBMITTAL	07/05/16

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LOST LAKE ESTATES PLAT 4

STORM AND SANITARY PLAN AND PROFILE

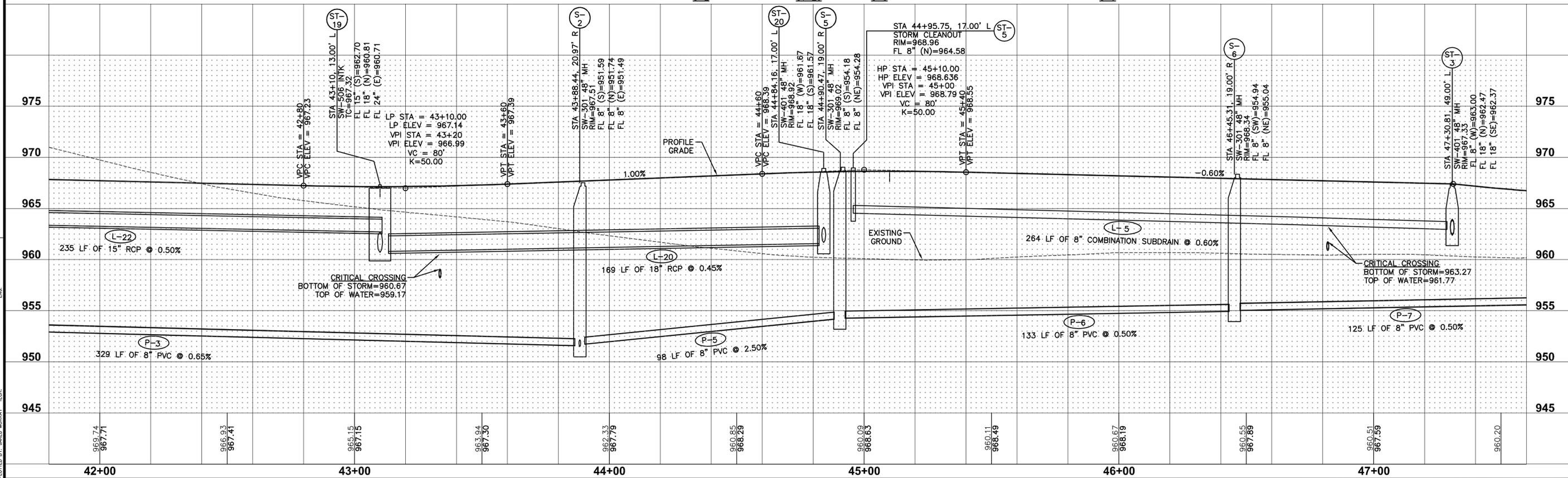


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FIRST SUBMITTAL	07/05/16

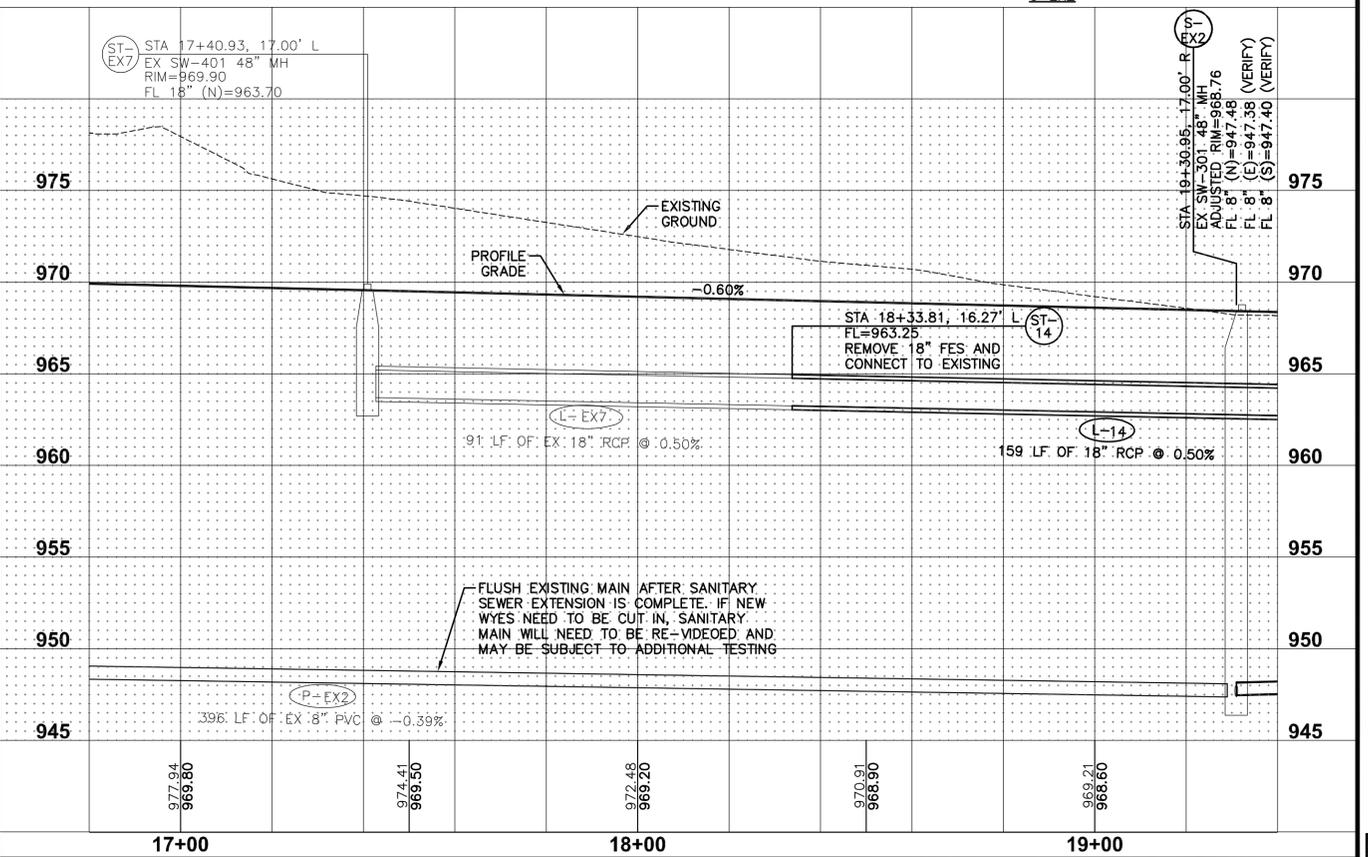
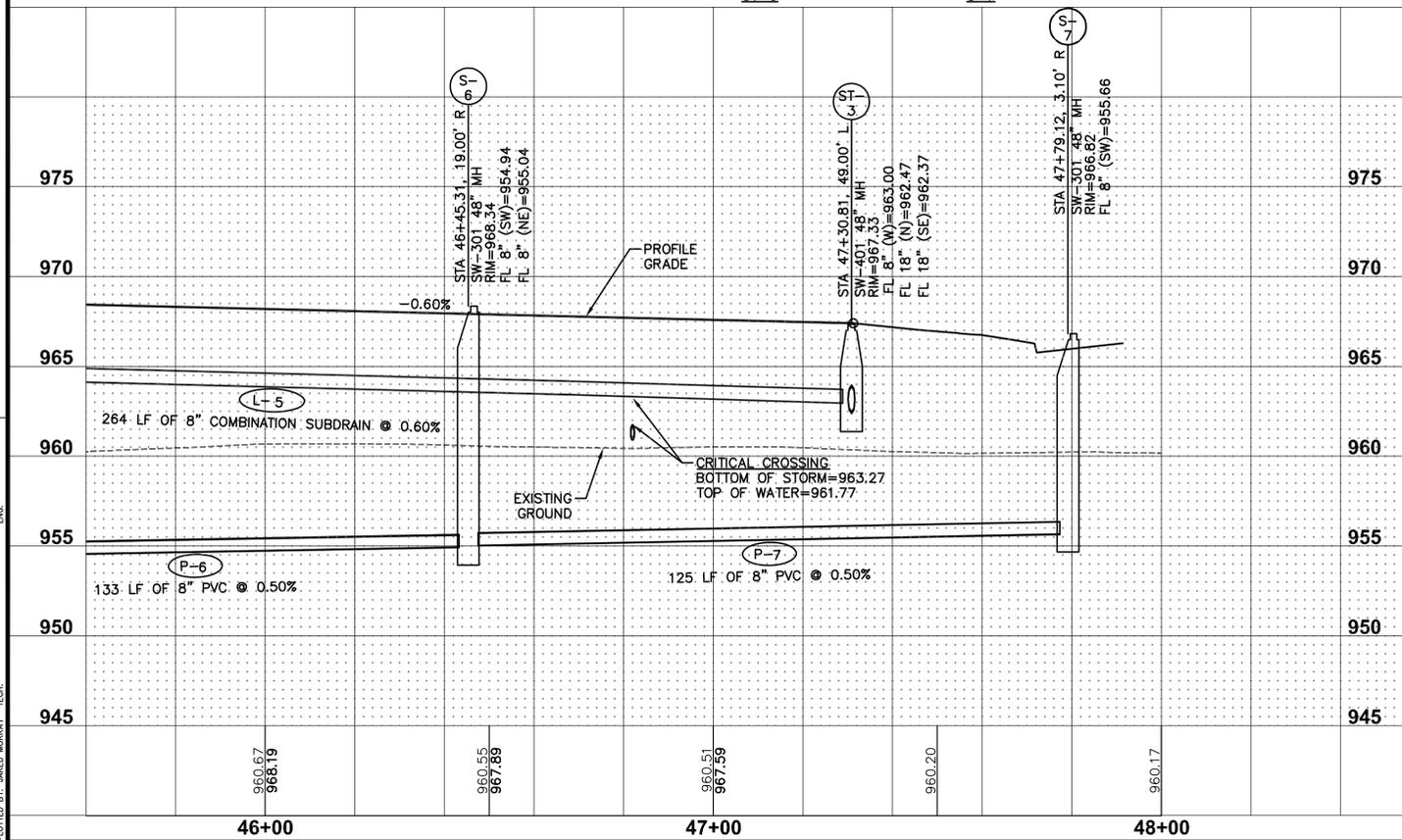
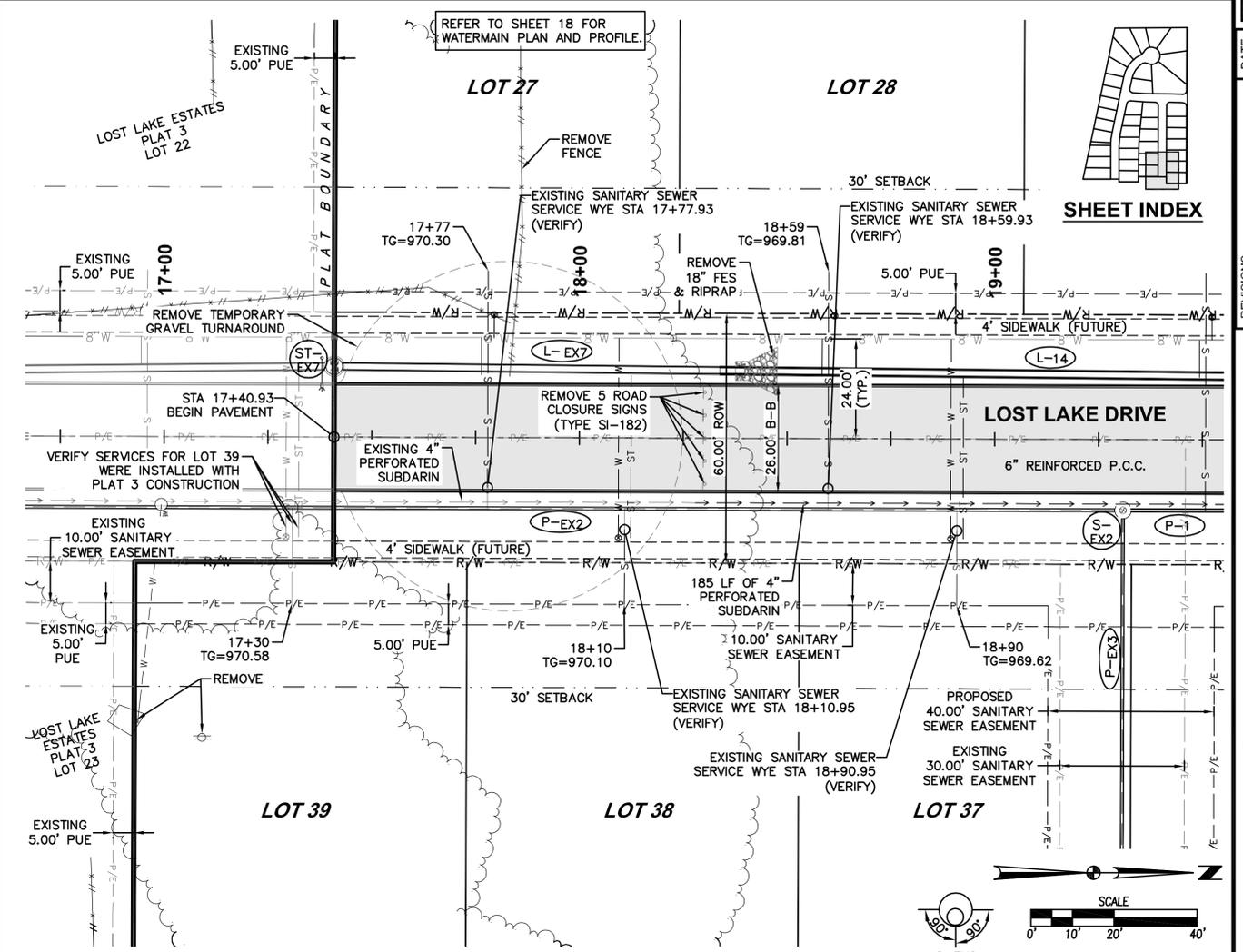
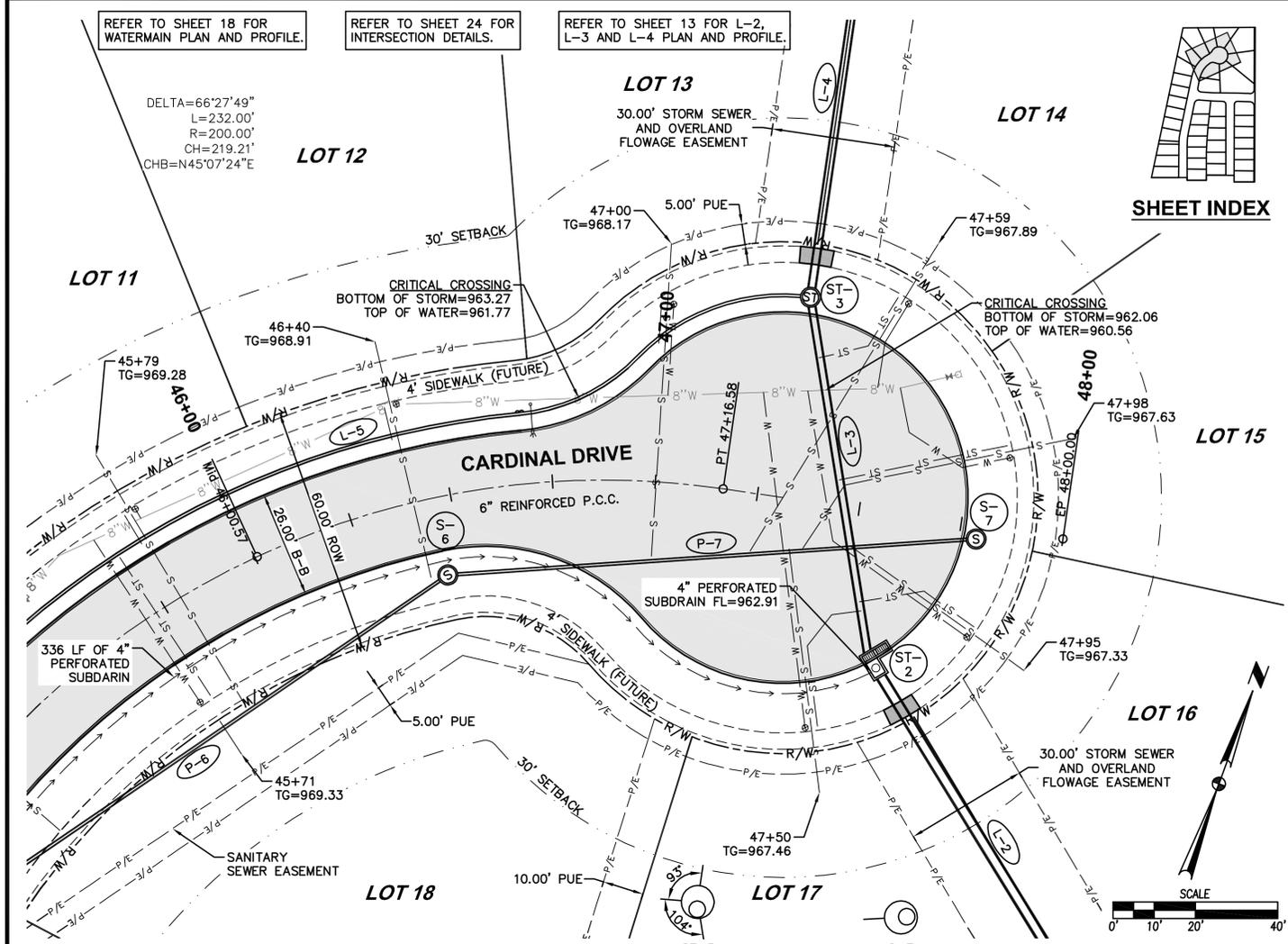
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LOST LAKE ESTATES PLAT 4
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA



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SECOND SUBMITTAL	07/21/16
FIRST SUBMITTAL	07/05/16

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PHONE: (515) 369-4400 FAX: (515) 369-4410

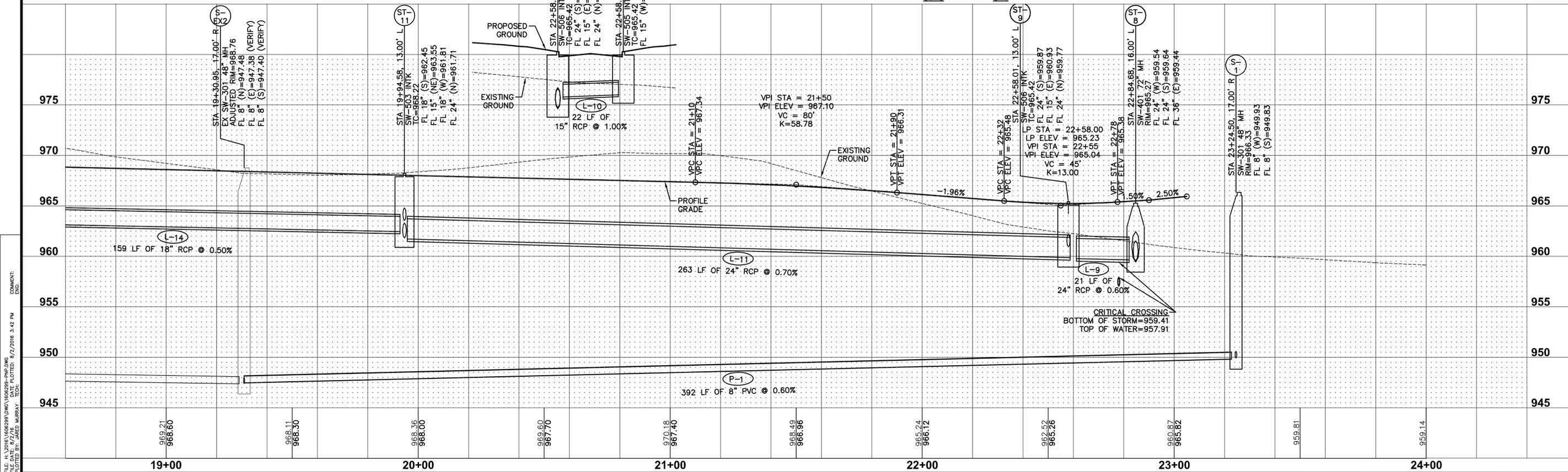
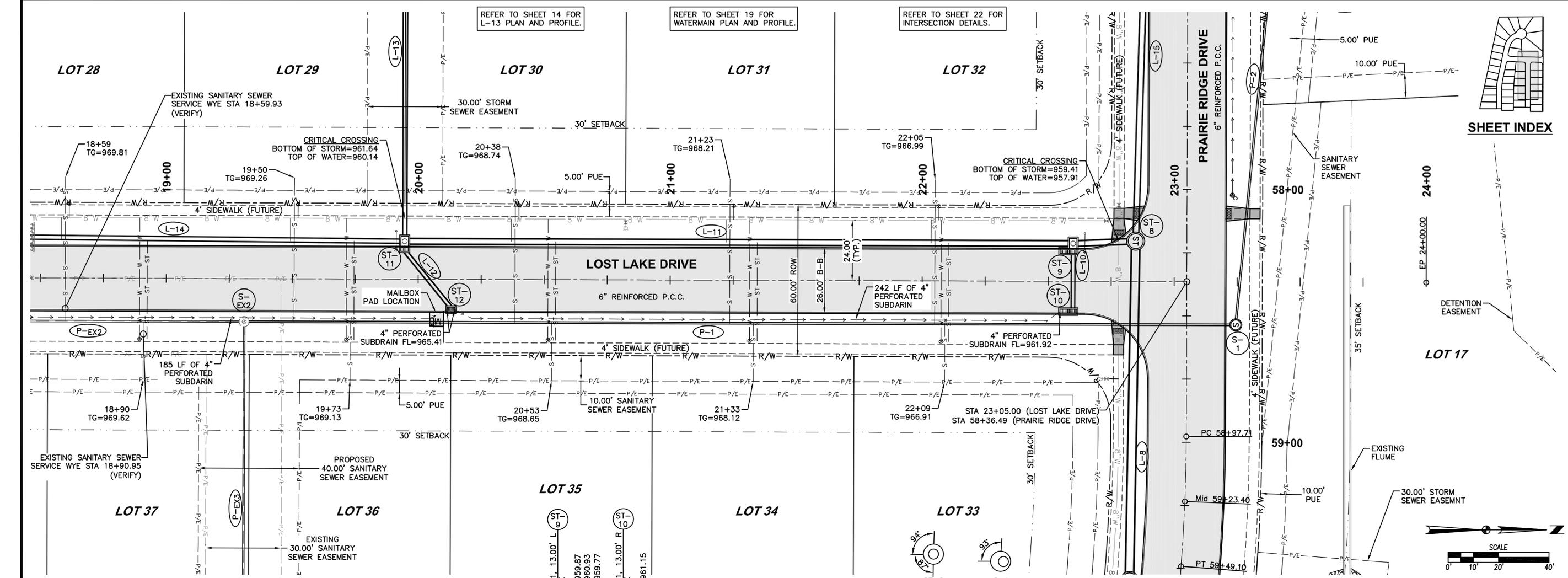
ENGINEER: EKO
EI: GH

BA
CIVIL DESIGN ADVANTAGE

LOST LAKE ESTATES PLAT 4
STORM AND SANITARY PLAN AND PROFILE

POLK CITY, IOWA

10/24
1606.299



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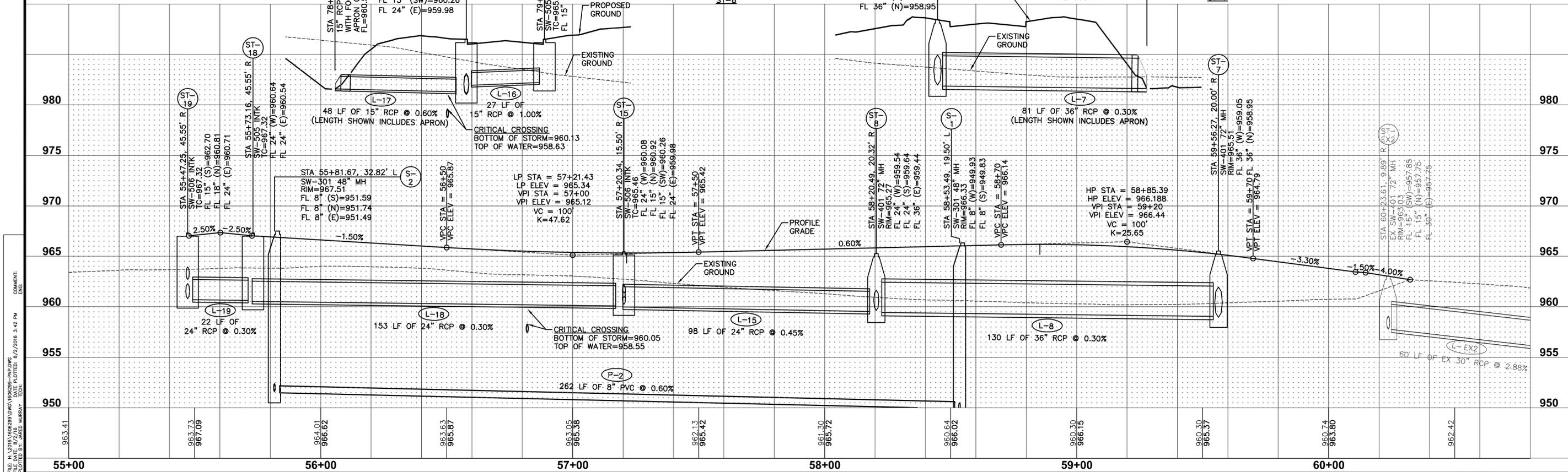
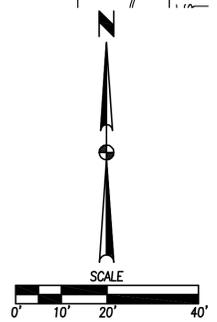
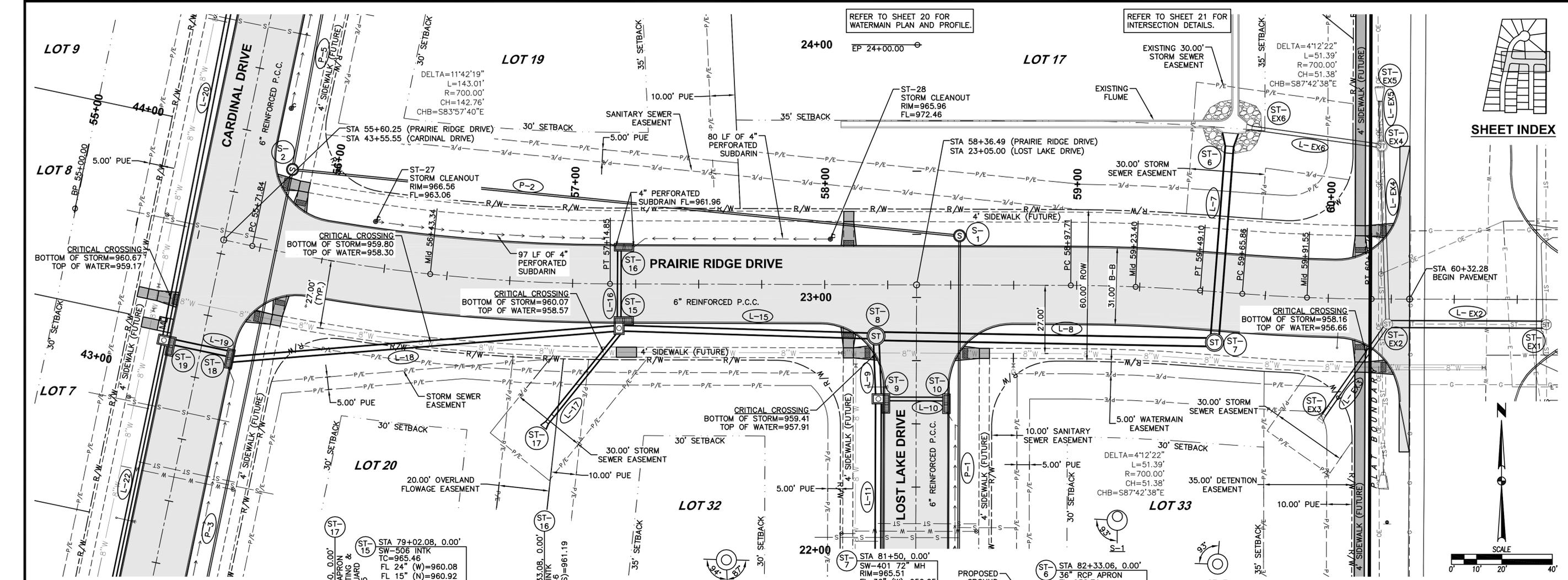
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THIRD SUBMITTAL	08/02/16
SECOND SUBMITTAL	07/21/16
FIRST SUBMITTAL	07/05/16

3405 S.E. CROSSROADS DRIVE, SUITE G
 GRIMES, IOWA 50111
 PHONE: (515) 369-4400 FAX: (515) 369-4410
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LOST LAKE ESTATES PLAT 4

STORM AND SANITARY PLAN AND PROFILE



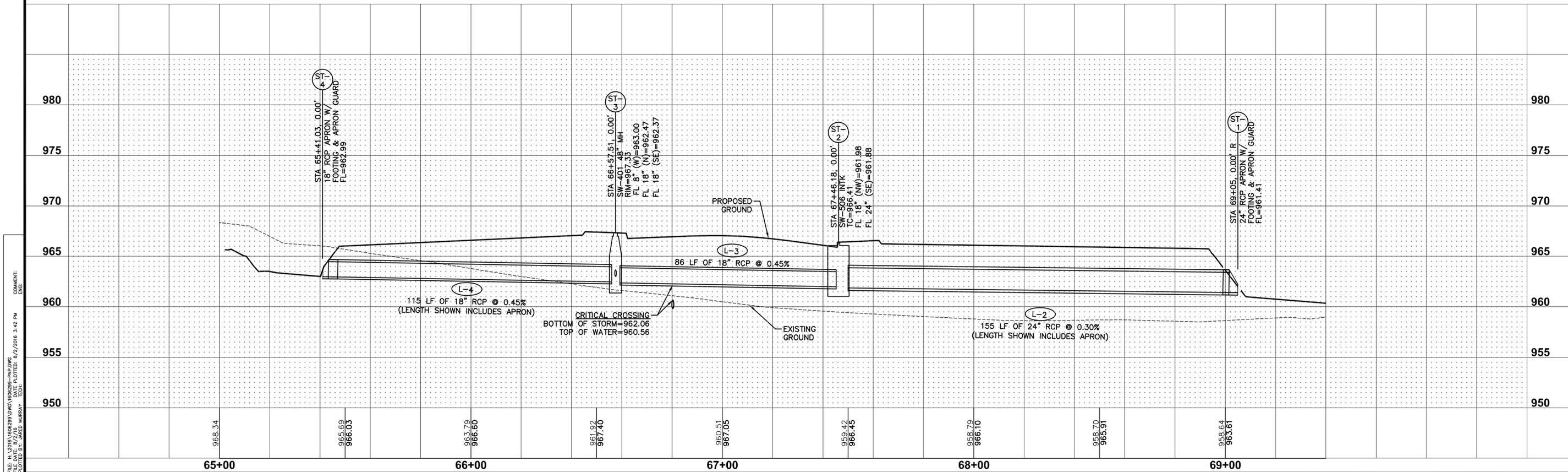
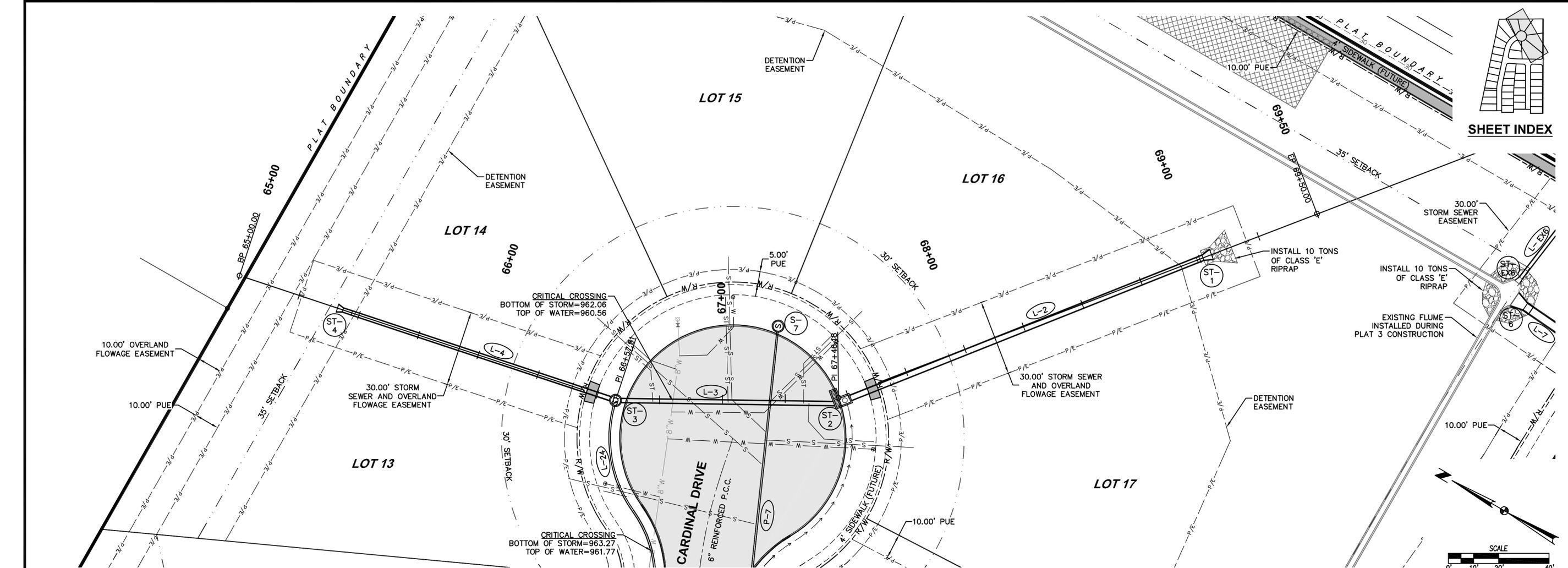
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DATE	REVISIONS
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07/21/16	SECOND SUBMITTAL
07/05/16	FIRST SUBMITTAL

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LOST LAKE ESTATES PLAT 4
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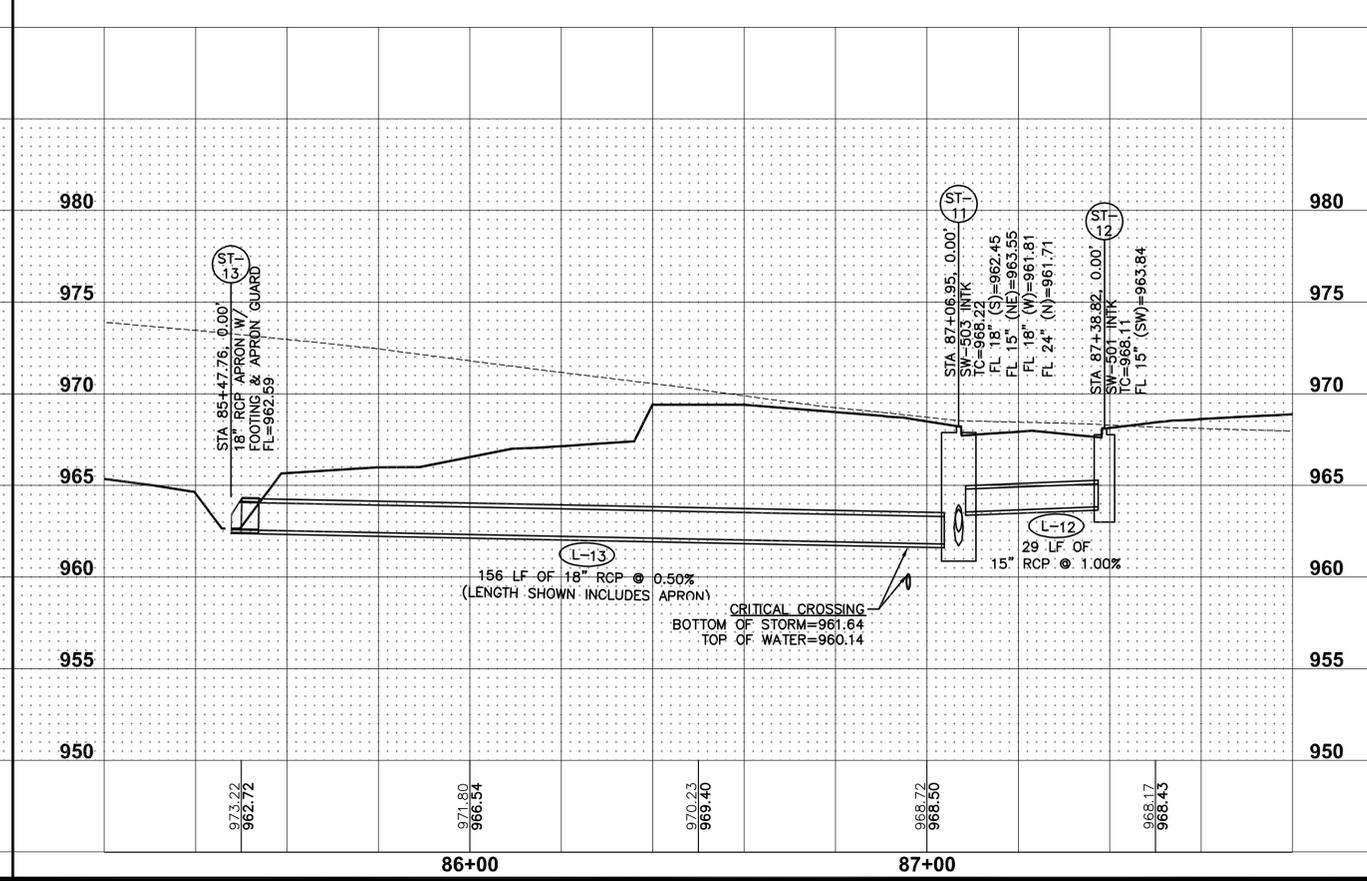
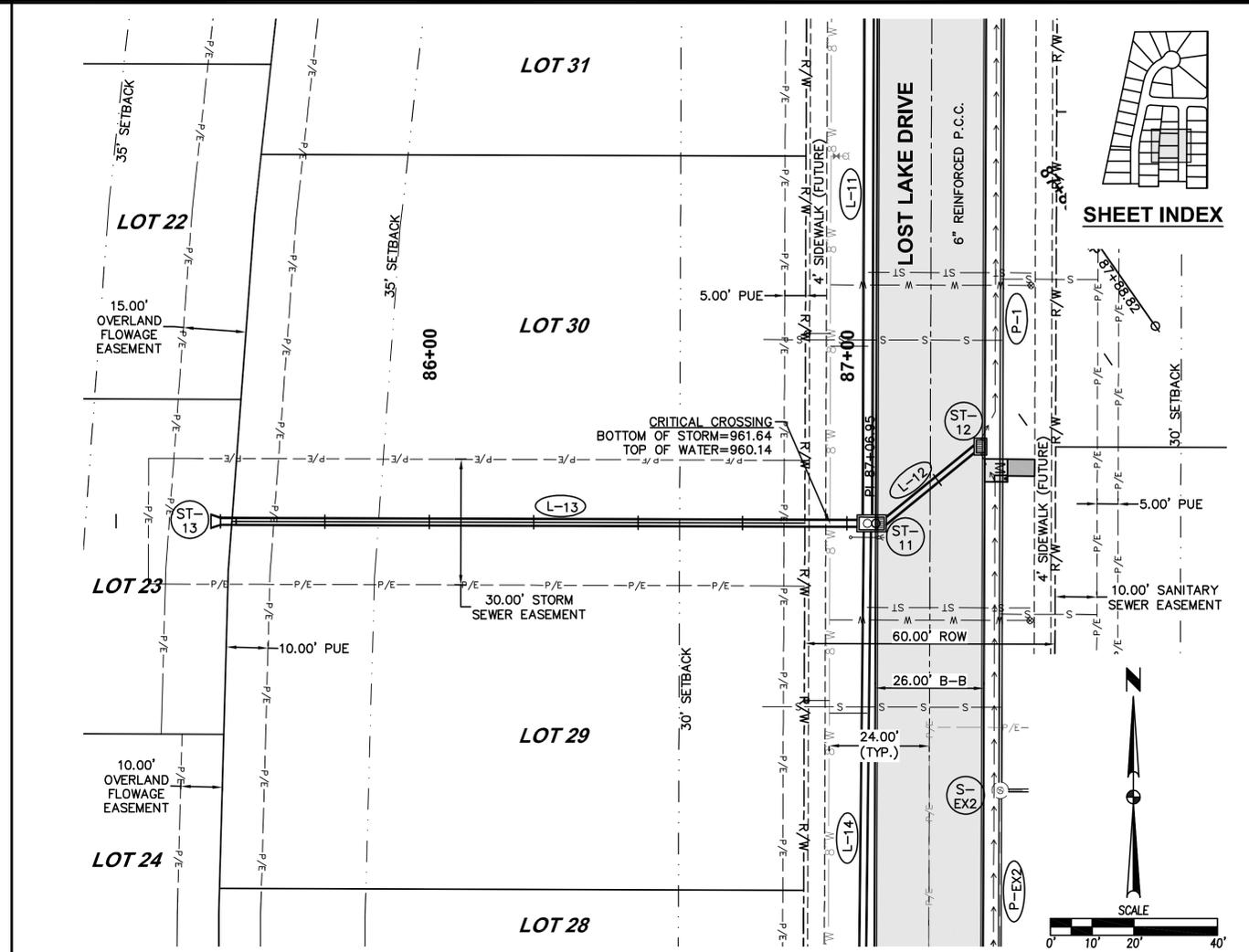
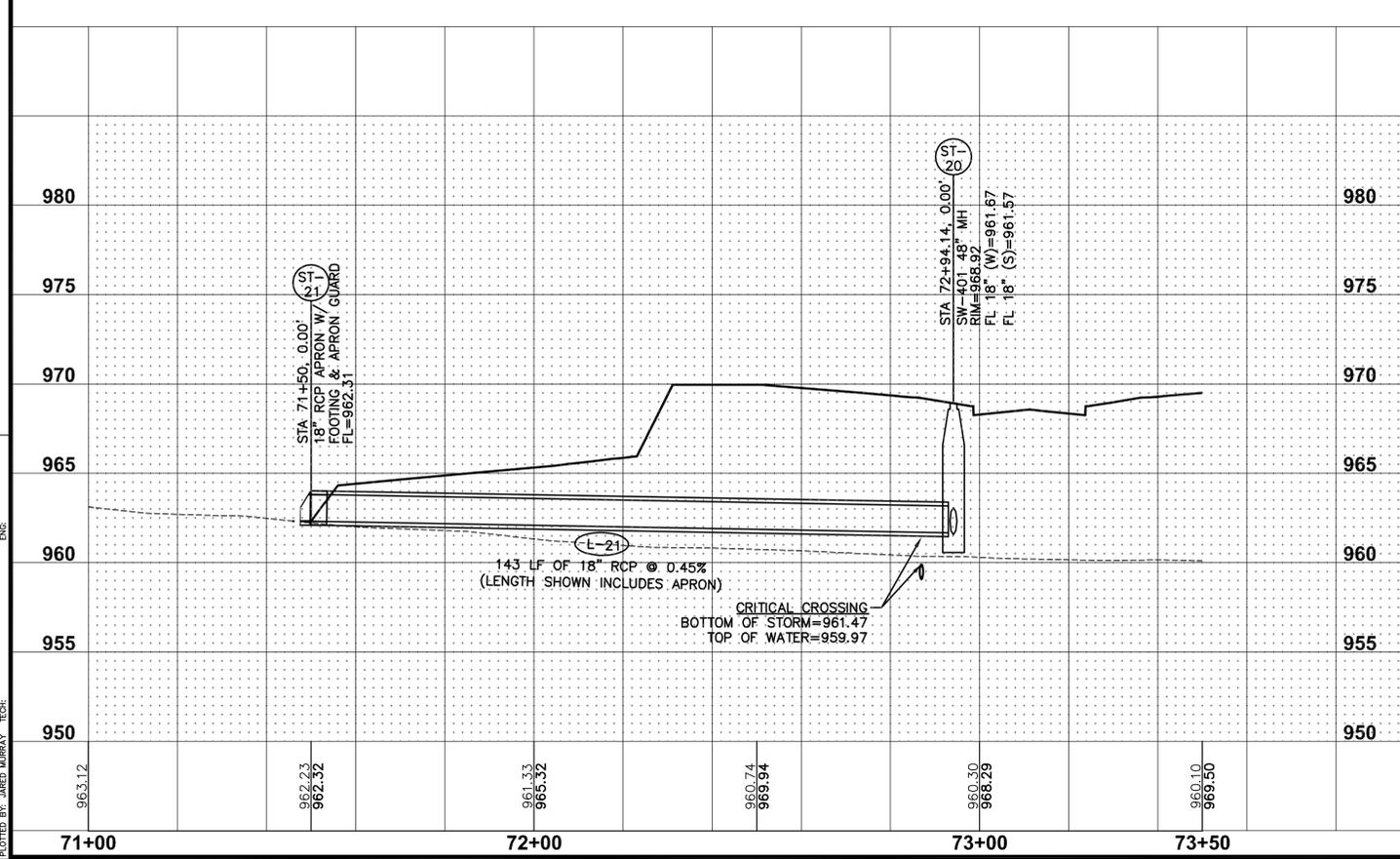
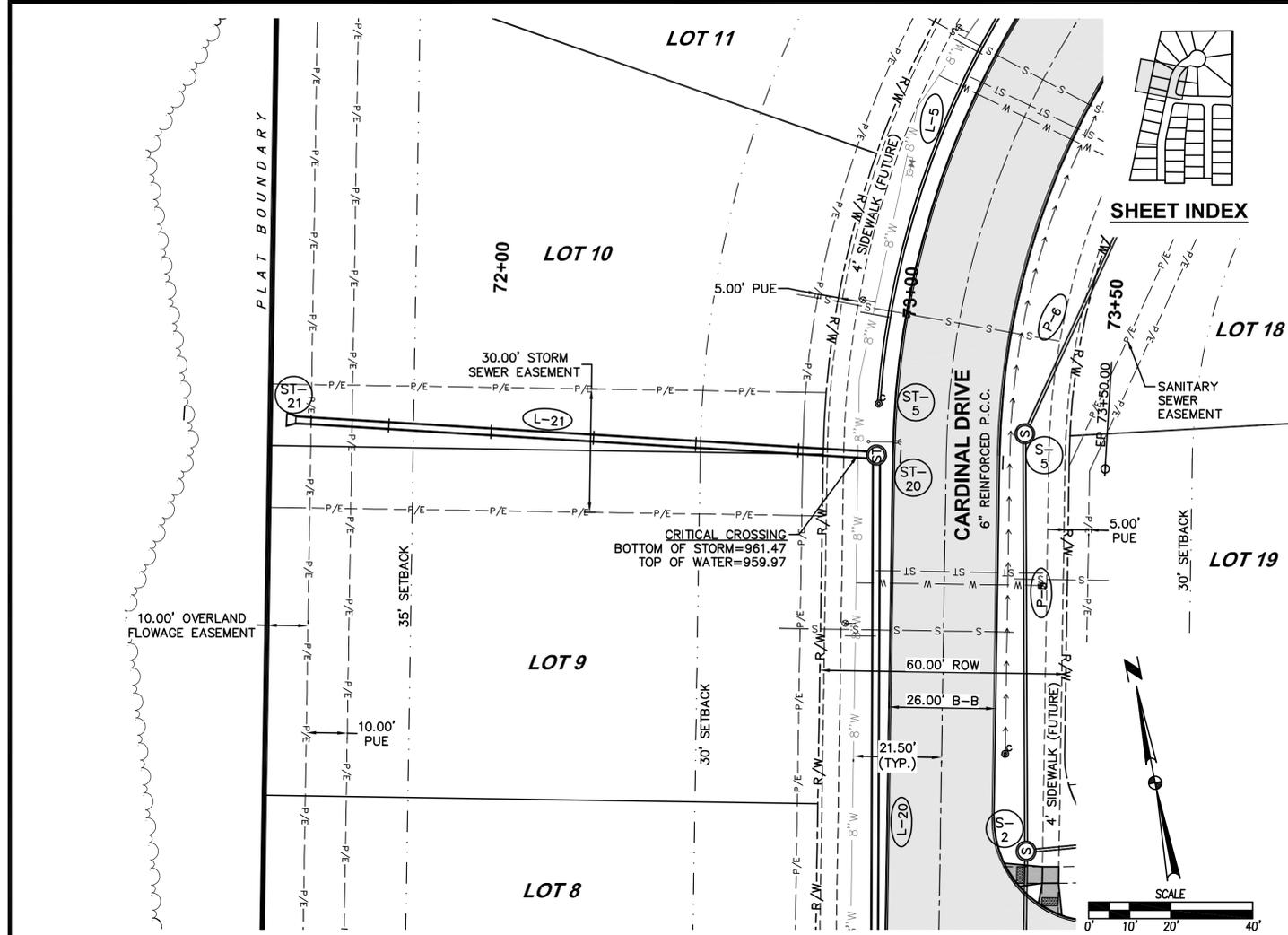
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LOST LAKE ESTATES PLAT 4
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA

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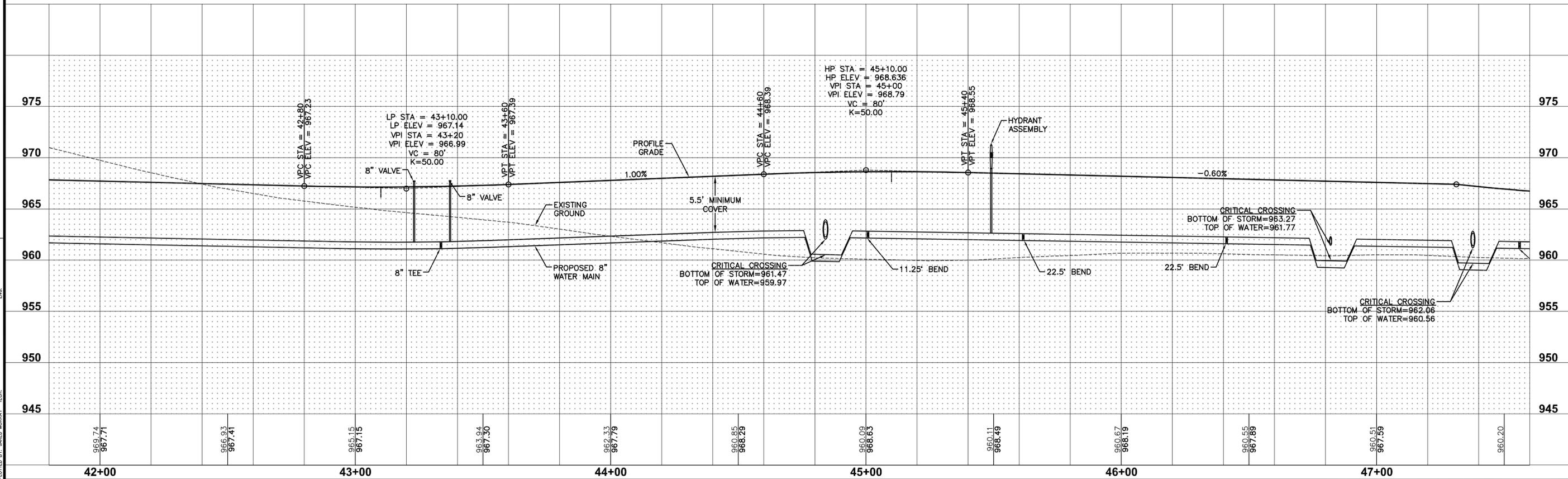
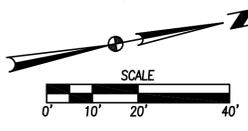
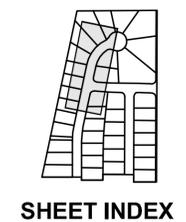
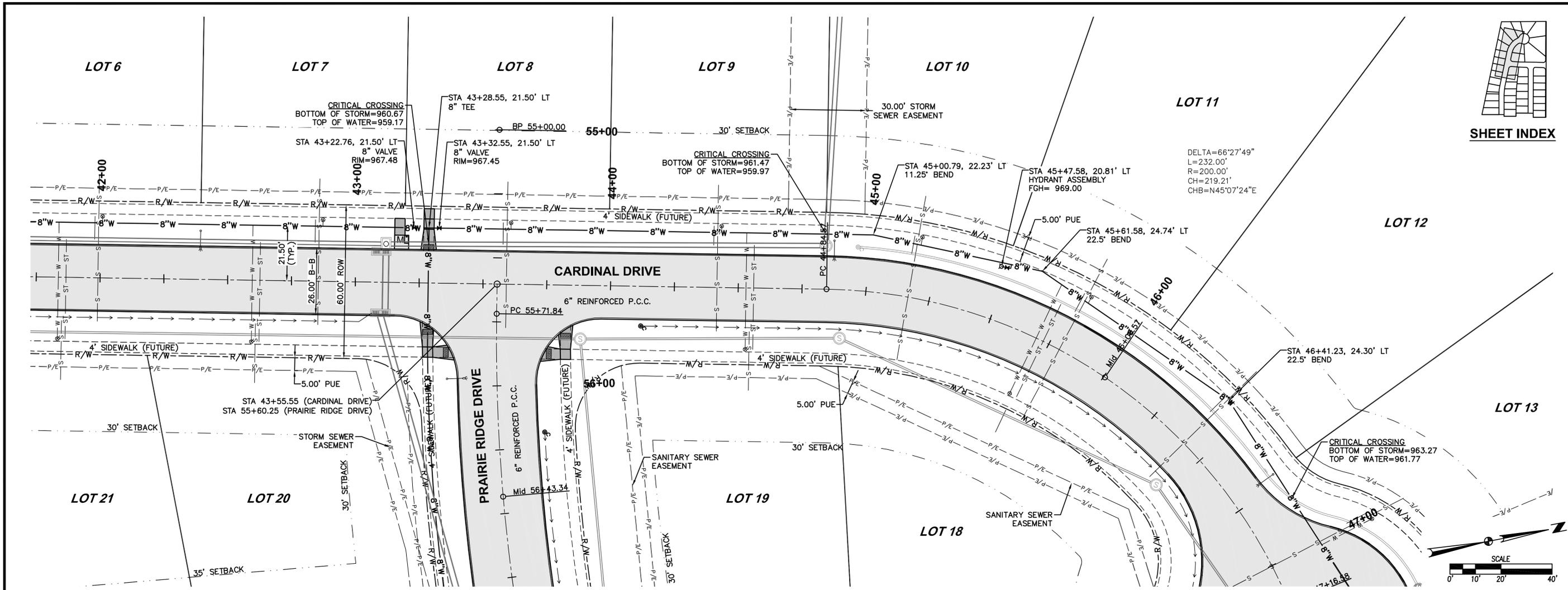
LOST LAKE ESTATES PLAT 4
STORM AND SANITARY PLAN AND PROFILE
 POLK CITY, IOWA

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3405 S.E. CROSSROADS DRIVE, SUITE G
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ENGINEER: EKO EI: GH

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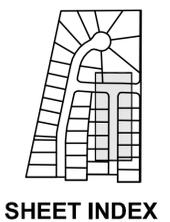
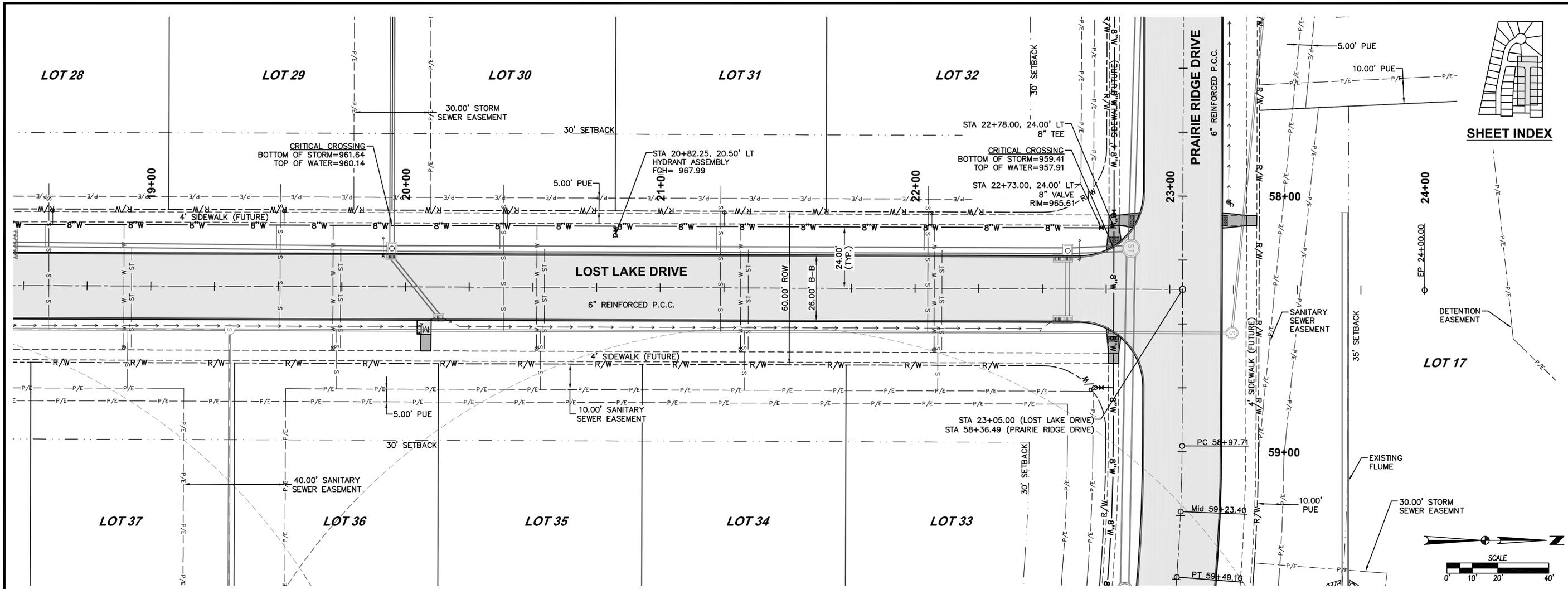
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 PLOTTED BY: GREG MURRAY
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REVISIONS	DATE
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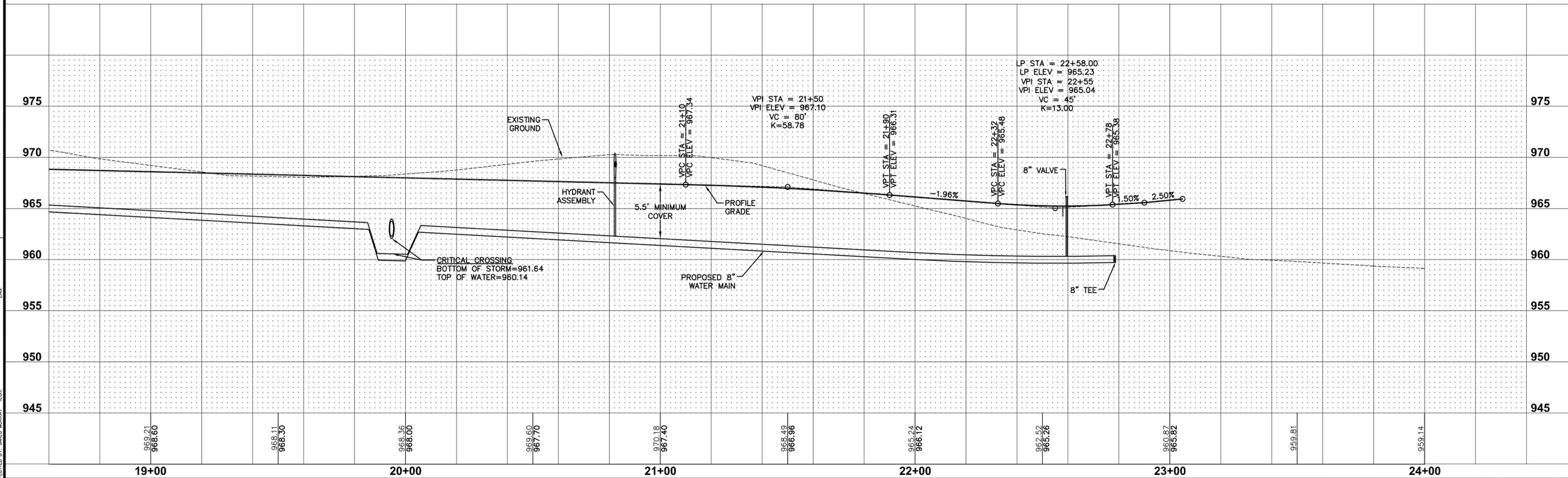
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LOST LAKE ESTATES PLAT 4
WATERMAIN PLAN AND PROFILE
 POLK CITY, IOWA
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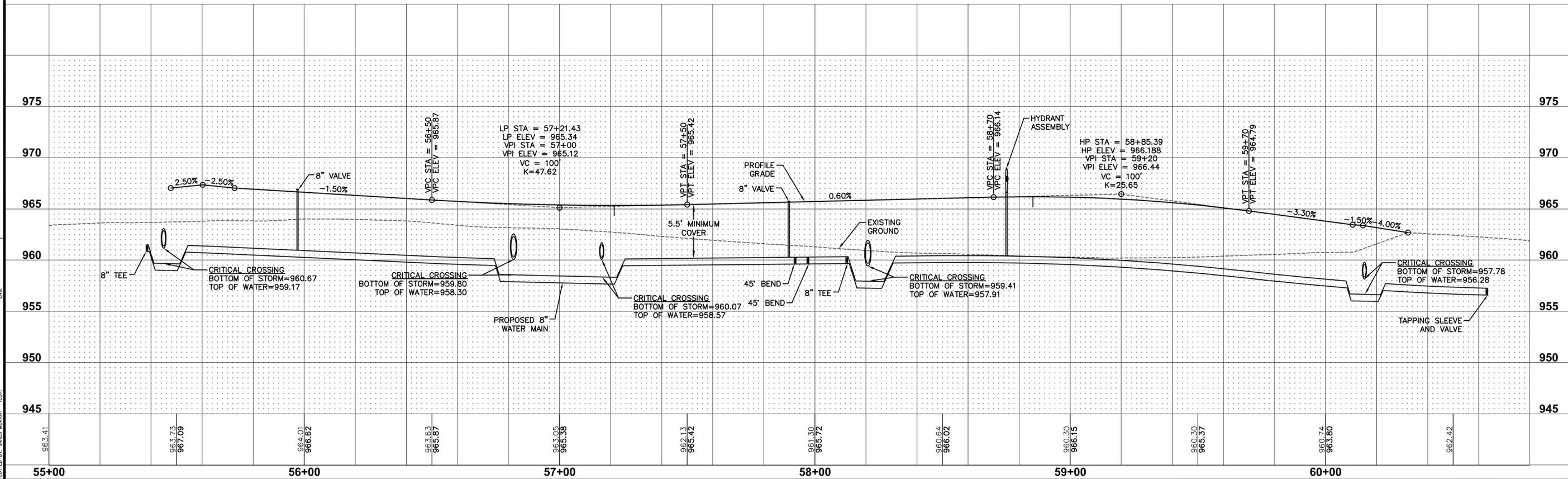
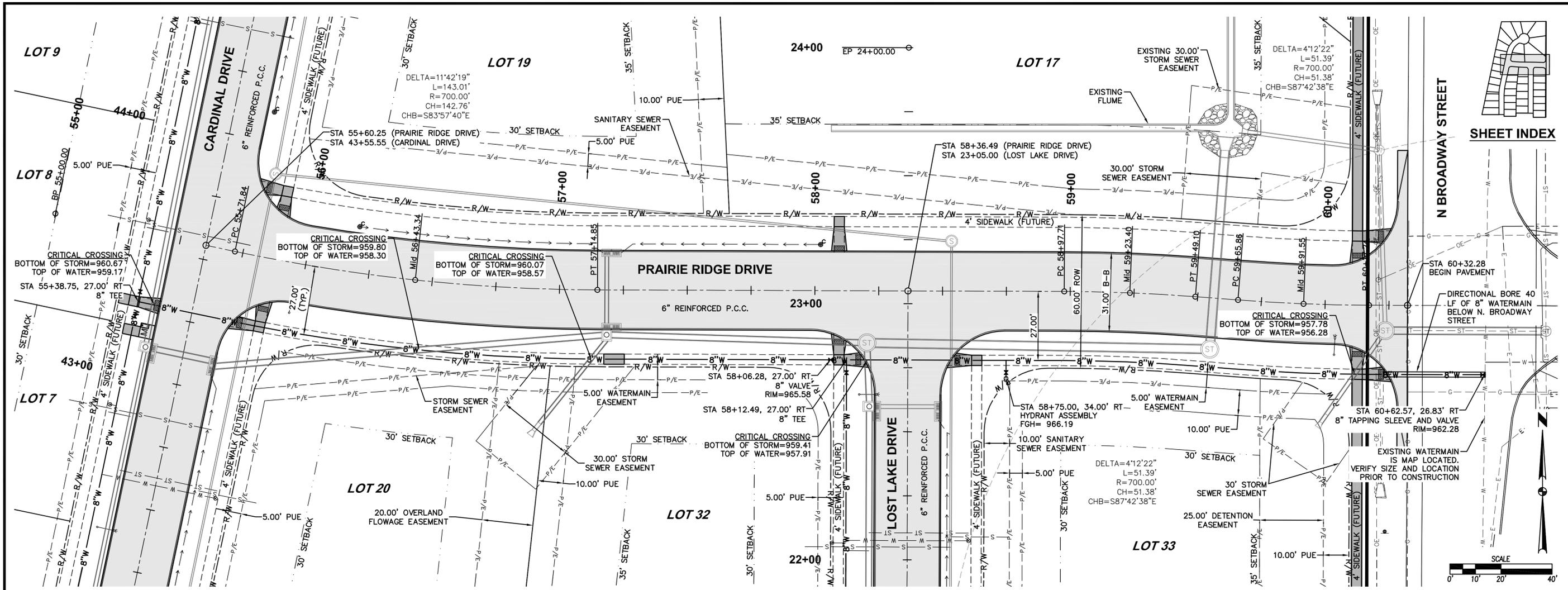


SHEET INDEX



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<p>LOST LAKE ESTATES PLAT 4 WATERMAIN PLAN AND PROFILE</p> <p>CIVIL DESIGN ADVANTAGE POLK CITY, IOWA</p>	<p>3405 S.E. CROSSROADS DRIVE, SUITE G GRIMES, IOWA 50111 PHONE: (515) 369-4400 FAX: (515) 369-4410</p> <p>ENGINEER: EKO EI: GH</p>
<p>DATE: 08/22/16 THIRD SUBMITTAL: 07/21/16 SECOND SUBMITTAL: 07/05/16 FIRST SUBMITTAL: 07/05/16</p>	



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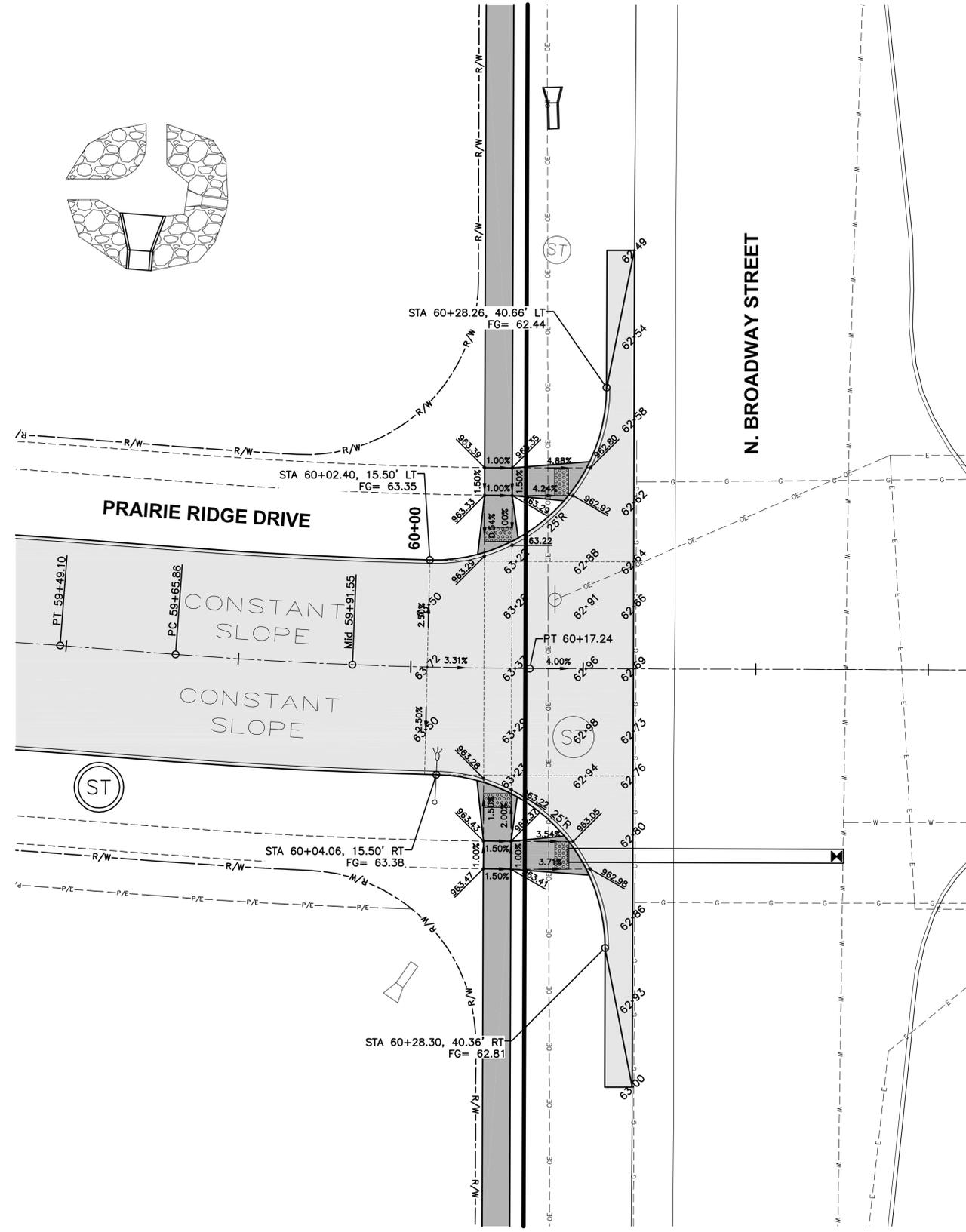
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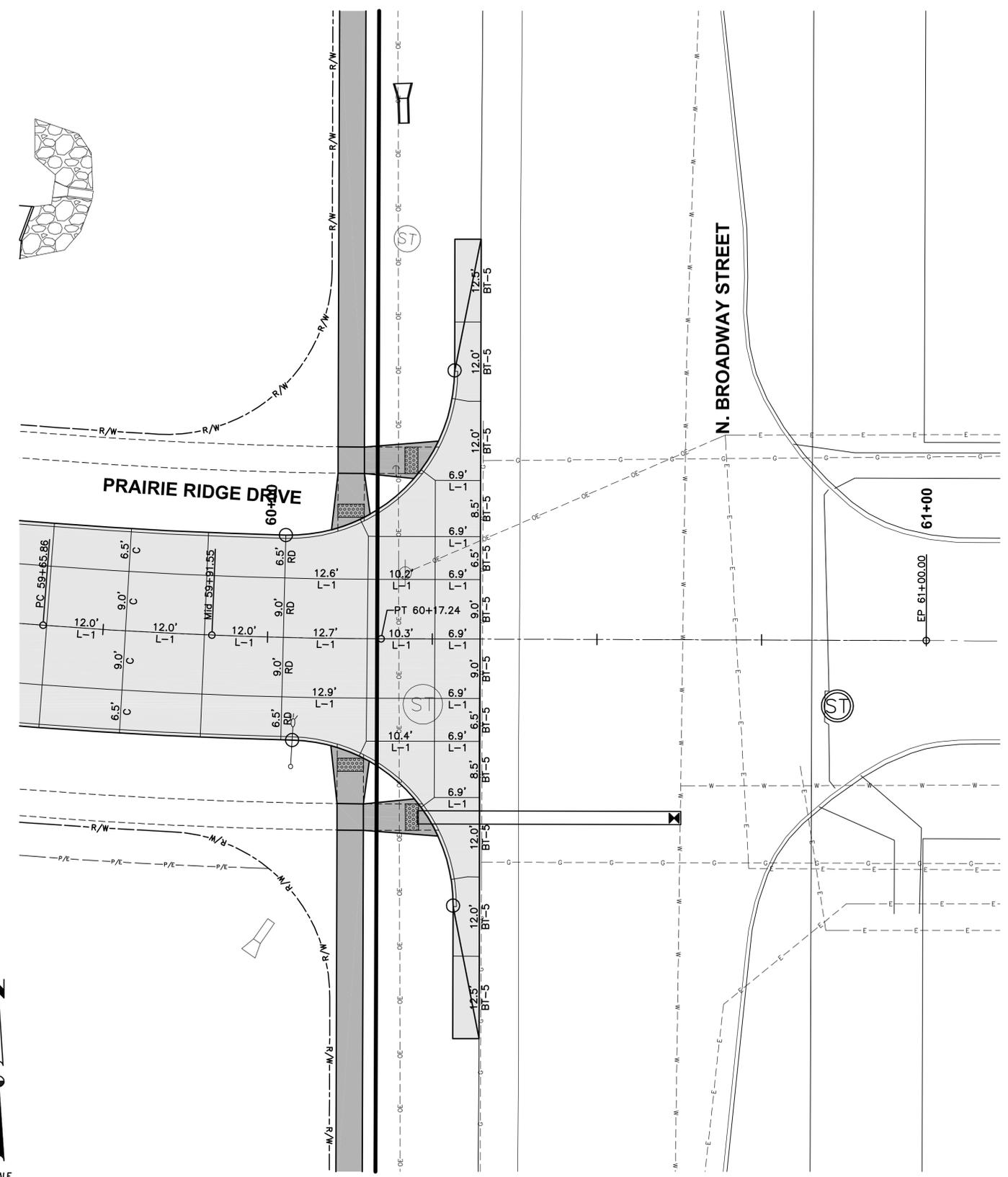


LOST LAKE ESTATES PLAT 4
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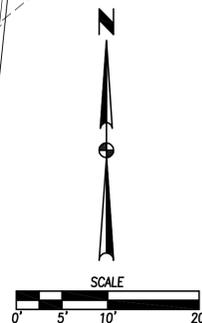
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 DATE: 8/22/2016 3:42 PM



GEOMETRICS AND STAKING LAYOUT



JOINTING LAYOUT



NOTES:

1. ELEVATIONS SHOWN ARE TOP OF SLAB AND/OR FORM GRADE.
2. INSTALL ACCESSIBLE CURB RAMPS AT LOCATIONS SHOWN.
3. REFER TO FIGURE 6010.514 FOR GRATE INTAKE BOXOUT FOR PCC PAVEMENT DETAILS.

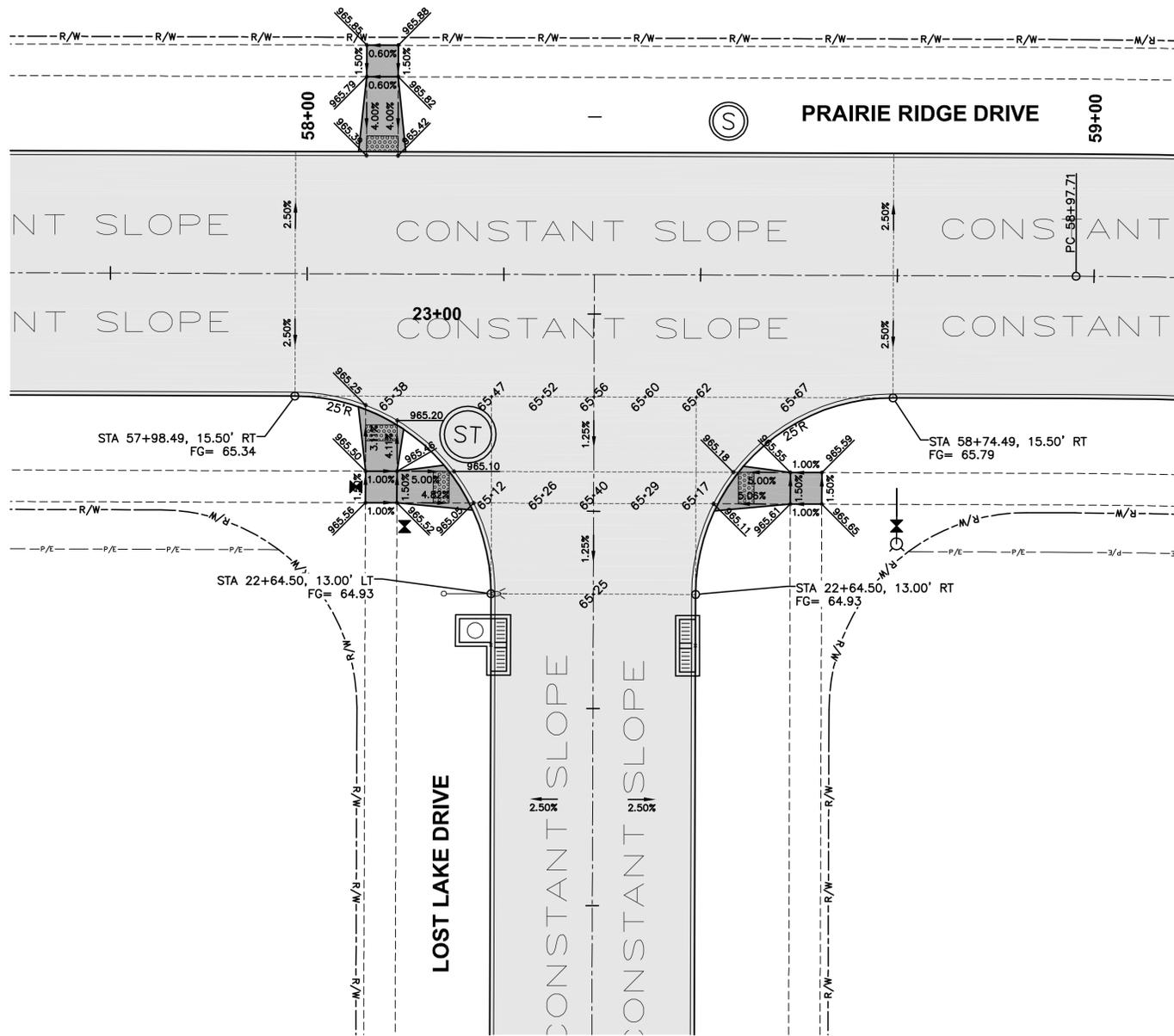
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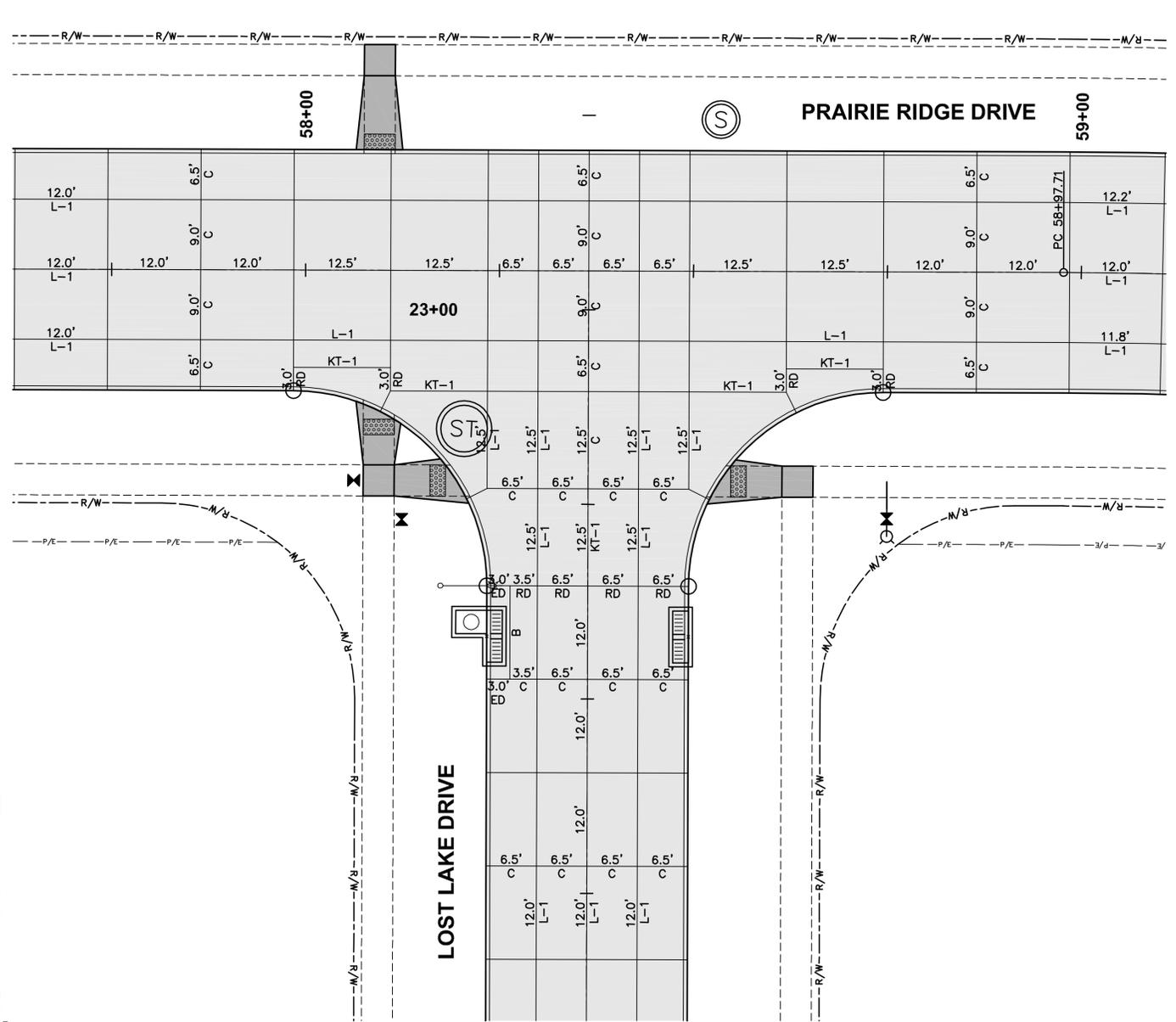


LOST LAKE ESTATES PLAT 4
INTERSECTION DETAILS

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LOST LAKE ESTATES PLAT 4
INTERSECTION DETAILS
 POLK CITY, IOWA



August 3, 2016

Honorable Mayor and City Council
City of Polk City
112 S. Third Street
Polk City, Iowa 50226

RE: LOST LAKES ESTATES PLAT 4
APPROVAL OF CONSTRUCTION DRAWINGS

Dear Honorable Mayor and City Council:

On behalf of Diamond Development LLC, Civil Design Advantage has submitted construction drawings for the above referenced plat. These plans represent the second phase of construction of the Preliminary Plat approved by City Council on June 27, 2015. Plat 4 will include 39 lots located north of the proposed Lost Lakes Estates Plat 3. This plat includes the extension of Lost Lake Drive and Cardinal Drive as well as Prairie Ridge Drive which will connect to N. Broadway Street.

Additional public improvements include a 10' recreational trail connecting to the Neal Smith Trail, the sidewalks along N. Broadway, and necessary sanitary sewers, storm sewers, water main and services.

The construction drawings appear to be in conformance to SUDAS and the approved Preliminary Plat. Submittal #3 addresses all review comments with the exception of provision of a signed Recreational Trail Easement from the U.S. Army Corps of Engineers for the trail connection.

Based on review by Laura Lamberty, P.E., Snyder & Associates recommends approval of the construction drawings for Lost Lakes Estates Plat 4, subject to no construction on the recreational trail until the trail easement has been approved by the USACE. It shall be the developer's responsibility to obtain approval of the Iowa DNR permits prior to commencing construction. All necessary materials submittals and shop drawings shall be approved by the developer's engineer and forwarded to our office prior to the start of construction.

Respectfully submitted;

SNYDER & ASSOCIATES, INC.

Kathleen Connor
City Engineering Representative

CC: Gary Mahannah, City Administrator
Mike Schulte, Public Works Director
Darryl Bresson, Diamond Developments LLC
Erin Ollendike, Civil Design Advantage

ORDINANCE NO. 2016-2300

AN ORDINANCE AMENDING CHAPTER 65, STOP OR YIELD REQUIRED, SECTION 65.02 AND CHAPTER 69, PARKING REGULATIONS, SECTION 69.08, NO PARKING ZONES

BE IT ORDAINED By the City Council of the City of Polk City, Iowa, that:

Section 1. Chapter 65, of the Polk City Code of Ordinances; Stop or Yield Required, Section 65.02, Stop Required, is hereby amended by adding section #146, #147, #148, #149:

- #146 The entrance from Cardinal Drive to Lost Lake Drive
- #147 The entrance from Starling Court to Cardinal Drive
- #148 The entrance from Prairie Ridge Drive to Cardinal Drive
- #149 The entrance from Lost Lake Drive to Prairie Ridge Drive

Section 2. Chapter 69, of the Polk City Code of Ordinances; Parking Regulations, Section 69.08, No Parking Zones, is hereby amended by adding sections #116, #117, #118 and deleting section #19, #28, #94, and inserting the following:

- #19 Davis Street on the south side between Roosevelt Street and South Third Street
- #28 Davis Street on the north side between Roosevelt Street and a point 403 feet east
- #94 Lost Lake Drive on the westerly side from Jester Park Drive to Prairie Ridge Drive
- #116 Cardinal Drive on the south and westerly side and through the cul-de-sac
- #117 Starling Court on the north and south sides and through the cul-de-sac
- #118 Prairie Ridge Drive on the north and south sides from Cardinal Drive to North Broadway Street

Section 4. All Ordinances or parts of any Ordinance in conflict with the provisions of this Ordinance are hereby repealed to the extent of the conflict.

Section 5. This Ordinance shall be in full force after its passage, approval and publication as provided by law.

PASSED AND APPROVED this _____ day of _____, 2016.

Jason Morse, Mayor

ATTEST:

Jenny Gibbons, City Clerk

First Reading: _____

Second Reading: _____

Third Reading: _____

Date Adopted: _____

Date of Publication: _____

The public works department would like to replace the air conditioning unit that is at the police department. This unit is approximately 24 years old and has had numerous repairs made to keep it running and it is also energy inefficient. I would like authorization to replace this unit with Polk County Heating and Cooling for the amount of 6,550.00. This amount was budgeted for 2016-2017.

polk county heating cooling

* Furnace + A/C
for PD

Polk City 515-984-6276 / Ankeny 515-964-7337

American Standard
HEATING & AIR CONDITIONING

 **BOSCH**
GEOTHERMAL

To: Polk City PD Date: 3/2/2016
Address: 0 Bill to: 0

Furnace	AUH1B060A9361A	Silver ZI 95.0 1-Stg Upflow 60,000 btu
AC or HP	4A7A4024L1000A	Silver 14 R410A 2-ton A/C
Coil	2-Ton	#N/A
	4-supply runs	0
	cold weather controls	0

5 Year parts and 1 year labor warr.

Total installed price \$6,830

Possible Power Rebate

Total Pay to Polk County Heating & Cooling: \$6,830

Reduced Rate 9.9% Monthly Payment \$129.77

12 Month No Interest Monthly Payment \$569.17

Cash Price \$6,550

All material is guaranteed to be as specified. All work to be completed in a workmanship like manner according to standard practices. Any alteration or deviation from above specifications involving extra cost 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

Greg Brown
Comfort Consultant
greg@polkcountyheating.com
Phone: 515-964-7337

Acceptance of Proposal-

The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. We reserve the right to decline services if solvency is not established. Customer is responsible for any applicable taxes.

Signature: _____

Date: _____



POLK CITY POLICE DEPARTMENT
309 W VAN DORN
P.O. BOX 381
POLK CITY, IOWA 50226

Chief of Police
Trace Kendig

Sergeant
Dustin Bjornson

Police Officers
Ron Lamfers
Matthew Untrauer
Matthew Aicher
Tanner Rickertsen

EMERGENCY
911

ADMINISTRATIVE
(515) 984-6565

FAX
(515) 984 6819

IA0771800

Memorandum

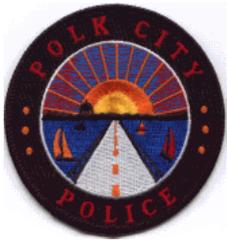
To: Mayor Morse and City Council

From: Chief Kendig

Re: Final Vehicle Equipping for Charger Patrol Car

I have been researching companies to provide computer and video systems for the new patrol vehicle that was purchased at the end of June 2016. It has been decided that L3 Communications will be the equipment utilized. They will provide the in-car camera/video systems as well as back end software and support. The installation of the actual hardware needed to finish the car and make it patrol ready will be handled by That's My Truck in Des Moines. This company is the police vehicle outfitter for Stew Hansen Dodge fleet services and is also working with L3 Communications. That's My Truck is also the company that installed the lights, controller and cage in the new patrol vehicle prior to its purchase by PCPD. The total for all equipment and installation is will not exceed \$22,000.00. These funds are in the PD FY17 budget.

L3 Communications and Panasonic are the only two companies that are still in business from when the new generation of in-car video systems began (Approximately 8-9 yrs ago). They are the two major players when it comes to these products. The total for the Panasonic system and install completed by Kel-Tec in Baxter Iowa was \$29,260.00. L3 makes a reputable product and provides excellent support. When this is combined with the significantly lower cost, it shows L3 is the company to go with. The patrol vehicle is scheduled to be ready for patrol by mid-September.



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911

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(515) 984 6819

IA0771800

MEMORANDUM

To: Mayor Morse and City Council

From: Chief Kendig

Re: Part-Time Police Officer Hiring Process

PCPD has started a hiring process to add a part-time officer to the department. Additional part-time staff is not intended to increase the number of part time hours currently budgeted for, but to provide more officers to fill in when the need arises. Ideally I would like to have a part-time staff of four officers. Once a suitable candidate has been identified, I will seek a council vote to move forward with the hiring.