

NOTICE IS HEREBY GIVEN THAT THE JESUP CITY COUNCIL WILL MEET IN REGULAR SESSION ON TUESDAY, MAY 17, 2016, AT 7:00 O'CLOCK P.M., JESUP CITY HALL, 791 6TH STREET, JESUP, IOWA

PLEASE NOTE: PLEASE SILENCE CELL PHONES, PDA'S, ETC.; THE COUNCIL WILL ADDRESS AGENDA ITEMS AND MAY TAKE ACTION

TENTATIVE AGENDA
MAY 17, 2016

1. CALL MEETING TO ORDER
 2. PLEDGE OF ALLEGIANCE
 3. ROLL CALL OF COUNCIL
 4. APPROVAL OF AGENDA
 5. APPROVE CONSENT AGENDA: ALL ITEMS ON THE CONSENT AGENDA WILL BE ENACTED BY ONE MOTION, THERE WILL BE NO SEPARATE DISCUSSION OF THOSE ITEMS UNLESS A REQUEST IS MADE PRIOR TO THE TIME THE CITY COUNCIL VOTES ON THE MOTION
ITEMS
 - A. ACCEPT THE MINUTES OF THE MAY 3, 2016 CITY COUNCIL MEETING
 - B. APPROVE THE CLAIMS AS PRESENTED AND GIVE DIRECTION TO PROCESS AND PAY
 - C. APPROVE IOWA RETAIL PERMIT APPLICATION FOR KWIK STAR, CASEY'S GENERAL STORE, AND JESUP FOOD CENTER FOR CIGARETTE/TOBACCO/NICOTINE/VAPOR PRODUCTS
-
6. CITIZEN'S INPUT – PLEASE LIMIT COMMENTS TO 3 MINUTES
 7. D.A. DAVIDSON BOND RATING
 8. COMMUNITY & ECONOMIC DEVELOPMENT
 - A. RESOLUTION IN SUPPORT OF COUNTY WIDE HOUSING NEEDS STUDY BUCHANAN COUNTY ECONOMIC DEVELOPMENT
 9. PUBLIC SAFETY (POLICE, FIRE, AMBULANCE, BUILDING)
 - A. BLACK HAWK COUNTY WATER TOWER AGREEMENT
 - B. EMERGENCY SERVICES FACILITY UPDATE
 10. CULTURE & RECREATION (LIBRARY & PARKS)
 11. PUBLIC WORKS (STREETS, WATER, SEWER)
 - A. DEPARTMENTAL REPORTS
 - B. PUBLIC WORKS LABORER SEASONAL POSITION OPENING
 - C. SIDEWALK REPAIR QUOTES
 12. ADMINISTRATION
 - A. DEPARTMENTAL REPORT
 - B. REVIEW ORGANIZATIONAL FLOW CHART
 - C. 9/11 COMMITTEE UPDATES
 13. ADJOURN

CITY COUNCIL

MAY 3, 2016

Jesup City Council met in regular session on Tuesday, May 3, 2016, at 7:00 o'clock p.m. in the Jesup City Hall Council Chambers, 791 6th Street, Jesup, Iowa.

Mayor Larry Thompson called the meeting to order at 7:00 p.m.

Members present: Russ Solomon, Jill Chemin, Dawn Vogel, Richard Mott and Melissa Trumbauer.

Absent: None

Motion by Chemin, seconded by Trumbauer to approve the agenda. Motion carried 5:0.

Motion by Trumbauer, seconded by Chemin, to approve and adopt the following items on the consent agenda with the exception of expenditures: 1. Approve the minutes of the April 19, 2016 City council meeting. 2. Accept the City Clerk/Treasurer reports, as of April 30, 2016 and place on file 3. Approve liquor license application Legacys Sports Bar and Grill. 4. Approve **Resolution No. 2016-50**, Resolution Approving Pay Request #1, 4th, 5th & Purdy Street Reconstruction Phase III Project. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0. Discussion regarding Black Hawk County training range usage expense and expense for ambulance building doors. Mayor Thompson stated the range expense would give Jesup officers the use of the range and allow them to recertify on various firearms. Chief Ciesielski stated the city will need to hire someone for installation of the doors in addition to purchase of the doors. Motion by Trumbauer, seconded by Vogel to approve the city expenditures as presented and give direction to process and pay. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

CLAIMS PRESENTED TO THE CITY COUNCIL FOR MAY 3, 2016

WARRANTS WRITTEN SINCE THE APRIL 19, 2016 MEETING:

Visu-Sewer	Pay Req #1 - 4th, 5th, Purdy St Phase II	109,793.40
Accounts Payable	Payroll ACH - 5-1-16	17,567.18
Bank Iowa	Payroll taxes - Federal, Medicare, Social Security	6,140.27

CLAIMS PRESENTED FOR MAY 3, 2016:

ADVANCED SYSTEMS, INC	COPIER CONTRACT - LIB	21.00
AMERICAN LEGION	DONATION - CH	400.00
B & B FARMSTORE	GRASS SEED - ST	55.00
BAKER & TAYLOR	LIBRARY BOOKS - LIB	109.37
BECKY BURKE	REIMB MILES, TRAINING - LIB	40.50
BLACK HAWK CO SHERRIFF OFFICE	TRAINING RANGE - PD	500.00
BRAXTON MORRISON	REIMB DENTAL EXPENSE - PD	86.00
BRIAN JENSEN	REIMB CLEANING, BACKUP-4TH,5TH,PURDY	346.12
CEDAR CREST CEMETARY	DONATION	300.00
CITY LAUNDERING	MATS,UNIFORM ALLOW - CH,WA,WW,ST	261.12
COVENANT MEDICAL CENTER	MEDICAL SUPPLIES - AMB	33.61
CURT STRUTZ	SUMMER READING PROGRAM - LIB	350.00
DAN MOUNT	REIMB 245 MILES, FIRE SCHOOL - FD	99.23
DEMCO	LABELS, TABS, CARDS - LIB	94.05
FARMERS MUTUAL TELEPHONE	TELEPHONE SERVICE - ALL	738.97
GALE	LIBRARY BOOKS - LIB	108.82
JOHN POWERS	REIMB DENTAL EXPENSE - WA,WW,BLDG	131.00
KOLEY MEAD	REIMB DENTAL,MILES, IMFOA - CH	220.73
MCCLURE ENGINEERING	FLOW MONITORING STUDY - WW	4,505.00
MIDAMERICAN BOOKS	LIBRARY BOOKS - LIB	94.95
MID AMERICAN ENERGY	ELECTRIC - ALL	8,088.09

NATIONAL WILDLIFE FEDERATION	SUBSCRIPTION RENEWAL - LIB	39.90
OVERDRIVE	LIBRARY BOOKS - LIB	63.98
PERFECTION LEARNING	3 SETS OF AWARD BOOKS - LIB	547.50
PETERSON TRUSTWORTHY	SCREWS,KEYS,LOCK-LIB,FD,WA,PARKS	130.36
PETTY CASH	REPLENISH POSTAGE - LIB,CH, FRIENDS LIB	79.28
PRESTO X	PEST CONTROL - LIB, CH, PD	70.00
RITE PRICE OFFICE SUPPLY	FURNITURE,PAPER,TONER-PD,CH,LIB	1,689.10
RYAN WEBER	REFUND COMMUNITY ROOM RENTAL - CH	50.00
SANDEE'S	NAMEBAR,PINS - PD	32.60
SPAHN & ROSE	DOORS,LUMBER,SCREWS - AMB,VW,ST	519.89
ST. ATHANASIUS CEMETERY	DONATION	300.00
SURE LIGHT USA	LIGHTBAR, #417 – FD	1,664.00
THOMAS JAMES	APRIL GARBAGE - ALL	40.00
TREASURERS OFFICE – ISU	FIRE SCHOOL – FD	100.00
TREASURER, STATE OF IOWA	APRIL SALES TAX	1,885.00
US CELLULAR	CELL PHONES, HOTSPOT - AMB,WA,VW,PD	249.88
USA BLUEBOOK	PROBE,CHLORINE REAGENT - WA,VW	437.24
VISA	BUNTINGS, DOMAIN NAME - CH, PD	307.06
VISA – LIBRARY	DVD – LIB	29.99
WAL-MART	CLEANING SUPPLIES,DVD - LIB	82.46
TOTAL		24,901.80

PUBLIC HEARING

Motion by Chemin, seconded by Vogel to open the public hearing on the matter of amending the city budget for fiscal year 2015-2016. Motion carried 5:0. The clerk reported no oral or written objections had been filed. Mayor Thompson opened the floor for any objections. Hearing none, the mayor requested a motion to close the public hearing. Motion by Vogel, seconded by Chemin to close the public hearing. Motion carried 5:0. The Mayor declared the public hearing closed.

Motion by Vogel, seconded by Chemin to approve **Resolution No. 2016-51** RESOLUTION ADOPTING BUDGET AMENDMENT FOR FISCAL YEAR 2015-2016. Roll Call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Chemin, seconded by Mott to open the public hearing on the matter of authorization of a loan agreement and the issuance of notes. Motion carried 5:0. The clerk reported no oral or written objections had been filed. Mayor Thompson opened the floor for any objections. Hearing none, the mayor requested a motion to close the public hearing. Motion by Vogel, seconded by Mott to close the public hearing. Motion carried 5:0. The Mayor declared the public hearing closed.

Motion by Vogel, seconded by Solomon to approve **Resolution No. 2016-52** RESOLUTION INSTITUTING PROCEEDINGS TO TAKE ADDITIONAL ACTION FOR THE ISSUANCE OF NOT TO EXCEED \$1,500,000 GENERAL OBLIGATION CAPITAL LOAN NOTES. Roll Call: Ayes: Solomon, Vogel, Mott, Trumbauer. Nays: Chemin. Motion carried 4:1.

CULTURE & RECREATION

Library Director Lellig reported the used book sale will be held May 5-7, 2016, during library hours.

PUBLIC WORKS

Motion by Chemin, seconded by Mott, to approve **Resolution No. 2016-53** RESOLUTION ACCEPTING IMPROVEMENTS – SOUTH STREET RECONSTRUCTION PHASE III. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Chemin, seconded by Mott, to approve **Resolution No. 2016-54** RESOLUTION APPROVING PAY REQUEST #11 - SOUTH STREET RECONSTRUCTION PHASE III PROJECT. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Mott, seconded by Solomon to approve Change Order #1, 4th, 5th and Purdy Streets Reconstruction Phase II project. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Mott, seconded by Solomon, to approve **Resolution No. 2016-55** RESOLUTION ACCEPTING IMPROVEMENTS – 4TH, 5TH AND PURDY STREETS RECONSTRUCTION PHASE II PROJECT. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Solomon, seconded by Trumbauer, to approve **Resolution No. 2016-56** RESOLUTION APPROVING PAY REQUEST #2 - 4TH, 5TH AND PURDY STREETS RECONSTRUCTION PHASE II PROJECT. Roll call: Ayes: Solomon, Chemin, Vogel, Mott, Trumbauer. Nays: None. Motion carried 5:0.

Motion by Trumbauer, seconded by Vogel, to accept the quote of Prairie Road Builders, Inc. in the amount of \$70,622.85. Motion carried 5:0.

CITY ADMINISTRATION

Attorney Stevens and the city clerk reviewed legislative updates for open meetings definitions and rules.

Motion by Vogel, seconded by Chemin, to adjourn the meeting. Motion carried 5:0. Meeting adjourned at 7:34 p.m.

Larry Thompson
Mayor

Attest:

LeAnn M. Even, CMC, ICMC, CFO
City Clerk/Treasurer

EXPENDITURES FOR THE MONTH OF APRIL

GENERAL	74,401.22
ROAD USE TAX	39,880.00
EMPLOYEE BENEFIT	16,083.58
CITY HALL PROJECT	2,176.29
4 TH & 5 TH & PURDY ST	128,474.45
5 TH & CHURCH ST	1,293.74
EMERG. SERVICES BLDG	200.00
1 ST STREET RAILROAD	7,905.00
WATER UTILITY	8,503.54
SEWER UTILITY	13,413.81
UTILITY DEPOSITS/SALES TAX	2,097.04
SELF-INSURANCE	250.00
TOTAL	294,678.67

REVENUES FOR THE MONTH OF APRIL

GENERAL	319,726.71
LIBRARY	268.00
ROAD USE TAX	18,532.45
EMPLOYEE BENEFIT	75,370.81
EMERGENCY PLANNING	9,132.65
LOCAL OPTION SALES	15,316.92
DEBT SERVICE	122,586.00
EMERGENCY SERVICES BUILDING	85.00
WATER UTILITY	26,469.18
SEWER UTILITY	28,327.90
UTILITY DEPOSITS/SALES	1,890.90
TOTAL	617,706.52

CLAIMS PRESENTED TO THE CITY COUNCIL FOR MAY 17, 2016		
WARRANTS WRITTEN SINCE THE MAY 3, 2016 MEETING:		
Horsfield Construction	Pay Req #11,Final Retainage-So St Phase III	590.60
Jesup Land Improvement	Pay Req #1, 4th,5th,Purdy St Phase III	31,822.36
Visu-Sewer	Pay Req #2,Final Retainage-4th,5th Phase II	5,432.48
Jesup Postmaster	May Water Bills - WA	289.79
Accounts Payable	Payroll ACH - 5-15-16	14,667.48
IPERS	City & employees share, retirement	6,951.47
Treasurer, State of Iowa	State payroll withholding tax	1,899.00
AFLAC	Employee paid insurance	443.06
Teamsters Local 238	Police Union Dues	203.00
Wellmark	City and employee share - Blue Cross Blue Shield	11,778.29
Bank Iowa	Payroll taxes - Federal, Medicare, Social Security	5,233.61
Hartford Life Insurance	Life Insurance	150.00
CLAIMS PRESENTED FOR MAY 17, 2016:		
ADAM SOPPE	RETURN WATER DEPOSIT - WA	82.01
ADVANCED SYSTEMS, INC	COPIER CONTRACT - CH	219.14
AECOM	ENGINEERING SERVICES	5,633.35
B & B FARMSTORE	LAWN SEED - PARKS	55.00
BLACK HAWK WASTE DISPOSAL	APRIL CARDBOARD,RECYCLING	697.00
CARD SERVICES	FLOORMATS,PRINTER,FLAG-LIB,ST,PARKS	651.90
CITIZEN HERALD	PUB MINUTES, CLEAN UP DAY - CH	585.14
FAYETTE ELECTRONICS	BATTERIES - AMB	482.37
HOLIDAY INN	SPRING IMFOA, EVEN, MEAD - CH	380.80
IOWA LAW ENFORCEMENT ACADEMY	MMPI TESTING TRANSFER - PD	15.00
IOWA ONE CALL	LOCATE FAXES - WA	86.50
JESUP FOOD CENTER	SUPPLIES,PAPERTOWELS - CH,WW	38.42
JESUP MOTOR SUPPLY	BATTERY - ST	108.07
KEYSTONE LABORATORIES	WATER/WASTEWATER TESTING	560.00
KWIK TRIP	47 GAL UNL, 421 GAL UNP, 86 GAL DSL-ALL	1,031.23
MATTHEW TISON	RETURN WATER DEPOSIT - WA	17.69
MENARDS	AIR CONDITIONER - WW	429.99
PAUL NIEMANN CONSTRUCTION	ROCK - WW,ST	2,540.09
PCC	ELECTRONIC CLAIMS FEES - AMB	551.03
PRIMROSE HEATING & AIR	SEWER SERVICE CALL - WW	155.31
RACOM	MICROPHONE - PD	415.00
RITE PRICE OFFICE SUPPLY	SHARPENER,GLOVES,FOLDERS - CH,PD	105.23
ROBERT HAMPTON	RETURN WATER DEPOSIT - WA	80.05
ROBERTS, STEVENS & PRENDERGAST	LEGAL FEES - CH,PD,4TH,5TH & PURDY	550.50
SUPERIOR WELDING	OXYGEN - AMB	80.00
USA BLUEBOOK	PAINT, FLAGS, COUPLING - WA,WW	648.89
WATERLOO FIRE RESCUE	MUTUAL AID - AMB	300.00
WERTJES UNIFORMS	UNIFORMS - PD	1,281.60
TOTAL		17,781.31



Iowa Department of Revenue
<https://tax.iowa.gov>

Iowa Retail Permit Application For Cigarette/Tobacco/Nicotine/Vapor

SEE INSTRUCTIONS ON THE REVERSE SIDE

For period (MM/DD/YYYY) 07 / 01 / 2016 through June 30, 2017

I/we apply for a retail permit to sell cigarettes, tobacco, alternative nicotine, or vapor products:

Business Information:

Trade Name/DBA: Kwik Star #713
 Physical Location Address: 841 South St Box 458, Jesup, IA 50648
 Mailing Address: P.O. Box 2107 City: La Crosse State: WI ZIP: 54602
 Business Phone Number: 319/827-3344

Legal Ownership Information:

Type of Ownership: Sole Proprietor Partnership Corporation LLC LLP
 Name of sole proprietor, partnership, corporation, LLC, or LLP: Kwik Trip, Inc.
 Mailing Address: PO Box 2107 City: La Crosse State: WI ZIP: 54602
 Phone Number: (608) 793-6262 Fax Number: (608) 779-9252 Email: dhafner@kwiktrip.com

Retail Information:

Types of Sales: Over-the-counter Vending machine
 Types of Products Sold: (Check all that apply)
 Cigarettes Tobacco Alternative Nicotine Products Vapor Products

Type of Establishment: (Select the option that best describes the establishment)

Alternative nicotine/vapor store Bar Convenience store/gas station Drug store
 Grocery store Hotel/motel Liquor store Restaurant Tobacco store
 Has vending machine that assembles cigarettes Other

If application is approved and permit granted, I/we do hereby bind ourselves to a faithful observance of the laws governing the sale of cigarettes, tobacco, alternative nicotine, and vapor products.

SIGNATURE OF OWNER(S), PARTNER(S), OR CORPORATE OFFICIAL(S)

Name (please print): Donald P. Zietlow Name (please print): _____
 Signature: *Donald P. Zietlow* Signature: _____
 Date: 4-21-16 Date: _____

Send this completed application and the applicable fee to your local jurisdiction. If you have any questions contact your city clerk (within city limits) or your county auditor (outside city limits).

FOR CITY CLERK/COUNTY AUDITOR ONLY – MUST BE COMPLETE

- Fill in the amount paid for the permit: \$75.00
- Fill in the date the permit was approved by the council or board: June 7, 2016
- Fill in the permit number issued by the city/county: 17-01
- Fill in the name of the city or county issuing the permit: Jesup

Send completed/approved application to Iowa Alcoholic Beverages Division within 30 days of issuance. Make sure the information on the application is complete and accurate. A copy of the permit does not need to be sent; only the application is required. It is preferred that applications are sent via email, as this allows for a receipt confirmation to be sent to the local authority.

- Email: iapledge@iowaabd.com
- Fax: 515-281-7375



SEE INSTRUCTIONS ON THE REVERSE SIDE

For period (MM/DD/YYYY) 07 / 01 / 2016 through June 30, 2017

I/we apply for a retail permit to sell cigarettes, tobacco, alternative nicotine, or vapor products:

Business Information:

Trade Name/DBA: CASEY'S MARKETING COMPANY, DBA CASEY'S GENERAL STORE # 1378

Physical Location Address: 1330 6TH ST City: JESUP ZIP: 50648

Mailing Address: PO BOX 3001 City: ANKENY State: IA ZIP: 50021

Business Phone Number: (_____) 3198276345

Legal Ownership Information:

Type of Ownership: Sole Proprietor Partnership Corporation LLC LLP

Name of sole proprietor, partnership, corporation, LLC, or LLP: CASEY'S MARKETING COMPANY

Mailing Address: PO BOX 3001 City: ANKENY State: IA ZIP: 50021

Phone Number: (515) 446-6728 Fax Number: (515) 965-6205 Email: MICHELLE.ROGNESS@CASEY'S.COM

Retail Information:

Types of Sales: Over-the-counter Vending machine

Types of Products Sold: (Check all that apply)

Cigarettes Tobacco Alternative Nicotine Products Vapor Products

Type of Establishment: (Select the option that best describes the establishment)

Alternative nicotine/vapor store Bar Convenience store/gas station Drug store
Grocery store Hotel/motel Liquor store Restaurant Tobacco store
Has vending machine that assembles cigarettes Other _____

If application is approved and permit granted, I/we do hereby bind ourselves to a faithful observance of the laws governing the sale of cigarettes, tobacco, alternative nicotine, and vapor products.

SIGNATURE OF OWNER(S), PARTNER(S), OR CORPORATE OFFICIAL(S)

Name (please print): JULIA L. JACKOWSKI, SECRETARY FOR CASEY'S MARKETING CO. _____

Signature: Julia L. Jackowski

Date: 5/2/2016

Name (please print): _____

Signature: _____

Date: _____

Send this completed application and the applicable fee to your local jurisdiction. If you have any questions contact your city clerk (within city limits) or your county auditor (outside city limits).

FOR CITY CLERK/COUNTY AUDITOR ONLY – MUST BE COMPLETE

- Fill in the amount paid for the permit: _____
- Fill in the date the permit was approved by the council or board: _____
- Fill in the permit number issued by the city/county: _____
- Fill in the name of the city or county issuing the permit: _____

Send completed/approved application to Iowa Alcoholic Beverages Division within 30 days of issuance. Make sure the information on the application is complete and accurate. A copy of the permit does not need to be sent; only the application is required. It is preferred that applications are sent via email, as this allows for a receipt confirmation to be sent to the local authority.

- Email: iapledge@iowaabd.com
- Fax: 515-281-7375



SEE INSTRUCTIONS ON THE REVERSE SIDE

For period (MM/DD/YYYY) 07/01/2016 through June 30, 2017

I/we apply for a retail permit to sell cigarettes, tobacco, alternative nicotine, or vapor products:

Business Information:

Trade Name/DBA: Jesup Food Center
Physical Location Address: 1314 7th St City: Jesup ZIP: 50648
Mailing Address: 1314 7th St City: Jesup State: IA ZIP: 50648
Business Phone Number: (319) 827-1213

Legal Ownership Information:

Type of Ownership: Sole Proprietor Partnership Corporation LLC LLP
Name of sole proprietor, partnership, corporation, LLC, or LLP: Dolan, Kristi, Gary & Jane
Mailing Address: 6736 E. Tama Rd City: LaPorte City State: IA ZIP: 50651
Phone Number: (319) 827-1213 Fax Number: (319) 827-2215 Email: jesupfoodcenter@j#.net

Retail Information:

Types of Sales: Over-the-counter Vending machine

Types of Products Sold: (Check all that apply)

Cigarettes Tobacco Alternative Nicotine Products Vapor Products

Type of Establishment: (Select the option that best describes the establishment)

Alternative nicotine/vapor store Bar Convenience store/gas station Drug store
Grocery store Hotel/motel Liquor store Restaurant Tobacco store
Has vending machine that assembles cigarettes Other

If application is approved and permit granted, I/we do hereby bind ourselves to a faithful observance of the laws governing the sale of cigarettes, tobacco, alternative nicotine, and vapor products.

SIGNATURE OF OWNER(S), PARTNER(S), OR CORPORATE OFFICIAL(S)

Name (please print): Gary Urban
Signature: Gary Urban
Date: 5-3-16

Name (please print): Dolan Burvesom
Signature: Dolan Burvesom
Date: 5-3-16

Send this completed application and the applicable fee to your local jurisdiction. If you have any questions contact your city clerk (within city limits) or your county auditor (outside city limits).

FOR CITY CLERK/COUNTY AUDITOR ONLY - MUST BE COMPLETE

- Fill in the amount paid for the permit: _____
- Fill in the date the permit was approved by the council or board: _____
- Fill in the permit number issued by the city/county: _____
- Fill in the name of the city or county issuing the permit: _____

Send completed/approved application to Iowa Alcoholic Beverages Division within 30 days of issuance. Make sure the information on the application is complete and accurate. A copy of the permit does not need to be sent; only the application is required. It is preferred that applications are sent via email, as this allows for a receipt confirmation to be sent to the local authority.

- Email: iapledge@iowaabd.com
- Fax: 515-281-7375

IEDA Workforce Housing Tax Credits

Developing Affordable Housing Options

Developers building or rehabilitating housing in Iowa may be eligible to receive certain state tax incentives.

Program Status

House File 2448 repealed the Housing Enterprise Zone (HEZ) program and established the Workforce Housing Tax Credit Program (WHTC).

The application for the WHTC is available at <https://www.iowagrants.gov>

Eligibility Requirements

- Projects must meet one of four criteria:
 - Housing development located on a grayfield or brownfield site
 - Repair or rehabilitation of dilapidated housing stock
 - Upper story housing development
 - **New construction in a greenfield (community with demonstrated workforce housing needs)**
- The developer must build or rehabilitate at least four single-family homes or at least one multi-family building containing three or more units or at least two upper story units.
- Total project costs may not exceed \$200,000 per unit for new construction or \$250,000 per unit for historic rehabilitation.
- Total program benefits are limited to a maximum of \$1 million per recipient.
- The housing project must be completed within three years of award.
- IEDA must approve the developer's application for Workforce Housing Tax Credit prior to project initiation.

Tax Incentives:

- A refund of state sales, service or use taxes paid during construction.
- An investment tax credit of up to a maximum of 10% of the investment directly related to the construction or rehabilitation of the housing.* The tax credit is based on the new investment used for the first \$150,000 of value for each home or unit. This tax credit is earned when the home or unit is certified for occupancy and can be carried forward for up to seven additional years or until depleted, whichever occurs first.
- Investment tax credits are fully transferable.

*If the project is, in part, financed through federal, state and local government tax credits, grants and forgivable loans, these monies cannot be included for purposes of calculating the investment tax credit.

To learn more:

515.725.3066

whtip@iowa.gov

Iowa Finance Authority: Workforce Housing Loan Program

The Iowa Finance Authority (IFA) will provide financial assistance in the form of a repayable loan to cities and counties that ***demonstrate a need for additional workforce rental housing*** for Iowans as a result of employment growth within the local unit of government's jurisdictional boundaries. Only cities and counties in Iowa are eligible applicants for Workforce Housing Loan Program assistance.

☞ Program Highlights:

Applicants must provide a rental housing market analysis completed by an independent third-party that documents a housing shortage relative to demand, low vacancy rates and/or rising housing costs combined with low unemployment such that the:

- City has a low annual average rental vacancy rate of five percent or less
- Community has a low average unemployment rate and demonstrates the extent to which a low unemployment rate contributes to increased demand for workforce housing
- The maximum loan amount per applicant will be the lesser of \$1 million or \$50,000 per assisted workforce housing rental unit.
- The Workforce Housing Loan cannot exceed 50 percent of the total project development budget.
- Workforce housing units shall not be age restricted and shall be limited to tenant households earning 140 percent or less of the statewide median income as published by HUD.
- Rents must be affordable to the targeted income population and commensurate with market conditions.
- The city in which the proposed workforce housing project will be located must have local building code enforcement, including inspections, or agree to state building code enforcement.
- The applicant must identify a specific project to be assisted with the loan funds and that project must be "ready to proceed" defined as a reasonable ability, as demonstrated in the application timeline, to expend at least 10 percent of the project's approved development budget within six months of loan award approval.
- The identified project in the application submission may not begin construction until on or after the date the IFA Board of Directors approves the Workforce Housing Loan Program award.

☞ Competitive Awards

- Applications in the initial Workforce Housing Loan Program funding round may be submitted to IFA by the established deadline. IFA will award the loan funds on a competitive basis awarding a higher number of points according to specified scoring criteria such as but not limited to the following:
- Cities less than 50,000 in population
- Lower per unit construction costs relative to other application submissions
- Greater amounts of local contributing financial effort
- Employer investment in the proposed workforce housing project
- Project location in a designated Home Base Iowa or an Iowa Great Places community
- Annual job growth during the past three years
- Iowa Economic Development Authority has awarded High Quality Jobs Program tax credits or direct financial assistance since July 1, 2012 to the community where the workforce housing will be developed
- Number of Fully Accessible or Type A rental housing units included in the proposed project
- County where the workforce housing will be developed has a low average unemployment rate

RESOLUTION 2016-

A RESOLUTION OF THE CITY COUNCIL OF JESUP, IOWA, SUPPORTING A BUCHANAN COUNTY RURAL BUSINESS DEVELOPMENT GRANT TO BE SUBMITTED TO THE UNITED STATES DEPARTMENT OF AGRICULTURE BY THE BUCHANAN COUNTY, IOWA BOARD OF SUPERVISORS

WHEREAS, The Buchanan County Economic Development Commission (BCEDC), with sponsoring support from the Buchanan County, Iowa Board of Supervisors, are seeking financial assistance from USDA Rural Development to conduct a county-wide Housing Needs Assessment (HNA); and

WHEREAS, the United States Department of Agriculture (USDA) Rural Business Development Grant (RBDBG) program addresses the needs of Buchanan County; and

WHEREAS, the City Council of Jesup supports Buchanan County's proposal to update the Buchanan County Housing Needs Assessment; and

NOW THEREFORE LET IT BE RESOLVED the City Council of Jesup, Iowa supports Buchanan County's United States Department of Agriculture Rural Business Development Grant application for financial assistance to conduct a county-wide Housing Needs Assessment.

Passed, approved and adopted this 17th day of May, 2016.

Larry Thompson
Mayor

ATTEST:

LeAnn M. Even
City Clerk



KEYNOTES: (THIS SHEET)

- A. EXISTING WATER TOWER
- B. BLACK HAWK COUNTY EQUIPMENT SHELTER
12' X 20'
- C. EXISTING BUCHANAN COUNTY EQUIPMENT SHELTER
9' X 12'
- D. NEW CHAIN LINK FENCE
- E. EXISTING CHAIN LINK FENCE

Edge
Consulting Engineers, Inc.

224 Howe Street
P.O. Box 1373
608.444.1650
608.444.1567 fax
www.edgeconsult.com

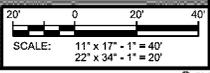
**JESUP WATER TANK
BUCHANAN COUNTY
JESUP, IOWA**

OVERALL SITE PLAN



NO.	DATE	DESCRIPTION

ISSUE DATE:	05/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	40,000' / In.
DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	C-101.dgn



SHEET IDENTIFICATION:
C-101

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2 1 0 T H S T. (D 2 0)

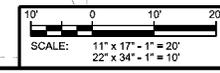
PARCEL #: 0531201002
OWNER: CITY OF JESUP

PARCEL #: 0531201004
OWNER: CITY OF JESUP

OUTDOOR PAVILION

KEYNOTES: (THIS SHEET)

- A. EXISTING WATER TOWER
- B. BLACK HAWK COUNTY EQUIPMENT SHELTER, 12' X 20'
- C. EXISTING BUCHANAN COUNTY EQUIPMENT SHELTER, 9' X 17'
- D. 24" WIDE "ENCLOSED" ICE BRIDGE, TIE INTO EXISTING ICE BRIDGE
- E. LP TANK ON CONCRETE SUPPORT SLAB
- F. LP FUELED GENERATOR ON CONCRETE SUPPORT SLAB
- G. NEW BLACK HAWK COUNTY PRIMARY ELECTRIC SERVICE
- H. EXISTING BUCHANAN COUNTY ELECTRIC SERVICE
- I. EXISTING BUCHANAN COUNTY NATURAL GAS SERVICE
- J. EXISTING UTILITY RACK W/ SINGLE ELEC. METER, TO REMAIN
- K. EXISTING GENERATOR (NATURAL GAS)

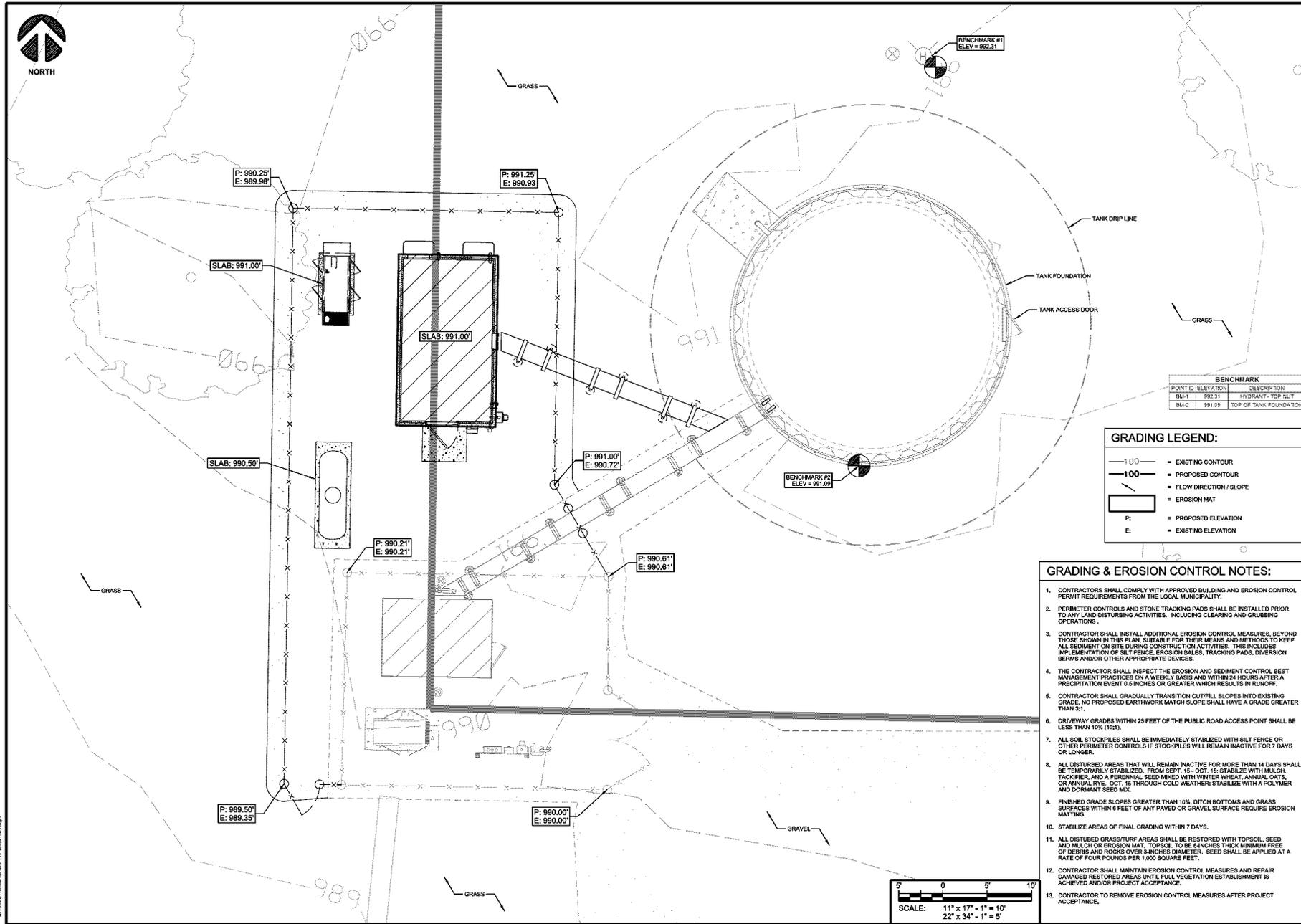


**JESUP WATER TANK
BUCHANAN COUNTY
JESUP, IOWA
SITE PLAN**

NO.	REVISIONS:	DATE:
	DESCRIPTION:	

ISSUE DATE:	05/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	20,000' / In.
DRAWN BY:	AMF
CHECKED BY:	AJQ
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	C-102.dgn

**SHEET IDENTIFICATION:
C-102**

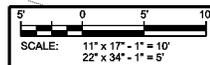


BENCHMARK	
POINT ID	DESCRIPTION
BM-1	992.31 HYDRANT - TOP NUT
BM-2	991.09 TOP OF TANK FOUNDATION

GRADING LEGEND:	
	EXISTING CONTOUR
	PROPOSED CONTOUR
	FLOW DIRECTION / SLOPE
	EROSION MAT
P:	PROPOSED ELEVATION
E:	EXISTING ELEVATION

GRADING & EROSION CONTROL NOTES:

- CONTRACTORS SHALL COMPLY WITH APPROVED BUILDING AND EROSION CONTROL PERMIT REQUIREMENTS FROM THE LOCAL MUNICIPALITY.
- PERIMETER CONTROLS AND STONE TRACKING PADS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRUBBING OPERATIONS.
- CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES, BEYOND THOSE SHOWN IN THIS PLAN, SUITABLE FOR THEIR MEANS AND METHODS TO KEEP ALL SEDIMENT ON SITE DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES IMPLEMENTATION OF SILT FENCE, EROSION BALES, TRACKING PADS, DIVERSION BERMS AND/OR OTHER APPROPRIATE DEVICES.
- THE CONTRACTOR SHALL INSPECT THE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT 0.6 INCHES OR GREATER WHICH RESULTS IN RUNOFF.
- CONTRACTOR SHALL GRADUALLY TRANSITION CUTWILL SLOPES INTO EXISTING GRADE. NO PROPOSED EARTHWORK MATCH SLOPE SHALL HAVE A GRADE GREATER THAN 3:1.
- DRIVEWAY GRADES WITHIN 25 FEET OF THE PUBLIC ROAD ACCESS POINT SHALL BE LESS THAN 10% (10%).
- ALL SOIL STOCKPILES SHALL BE IMMEDIATELY STABILIZED WITH SILT FENCE OR OTHER PERIMETER CONTROLS IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY STABILIZED. FROM SEPT. 15 - OCT. 15 STABILIZE WITH MAIZE TACKLER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT. ANNUAL OATS, OR ANNUAL RYE. OCT. 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX.
- FINISHED GRADE SLOPES GREATER THAN 10%, DITCH BOTTOMS AND GRASS SURFACES WITHIN 5 FEET OF ANY PAVED OR GRAVEL SURFACE REQUIRE EROSION MATTING.
- STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS.
- ALL DISTURBED GRASS/TURF AREAS SHALL BE RESTORED WITH TOPSOIL, SEED AND MULCH OR EROSION MAT. TOPSOIL TO BE 6-INCHES THICK MINIMUM FREE OF DEBRIS AND ROCKS OVER 3/8-INCHES DIAMETER. SEED SHALL BE APPLIED AT A RATE OF FOUR POUNDS PER 1,000 SQUARE FEET.
- CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND REPAIR DAMAGED RESTORED AREA UNTIL FULL VEGETATION ESTABLISHMENT IS ACHIEVED AND/OR PROJECT ACCEPTANCE.
- CONTRACTOR TO REMOVE EROSION CONTROL MEASURES AFTER PROJECT ACCEPTANCE.



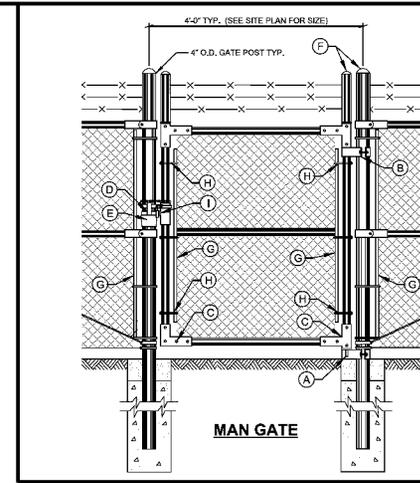
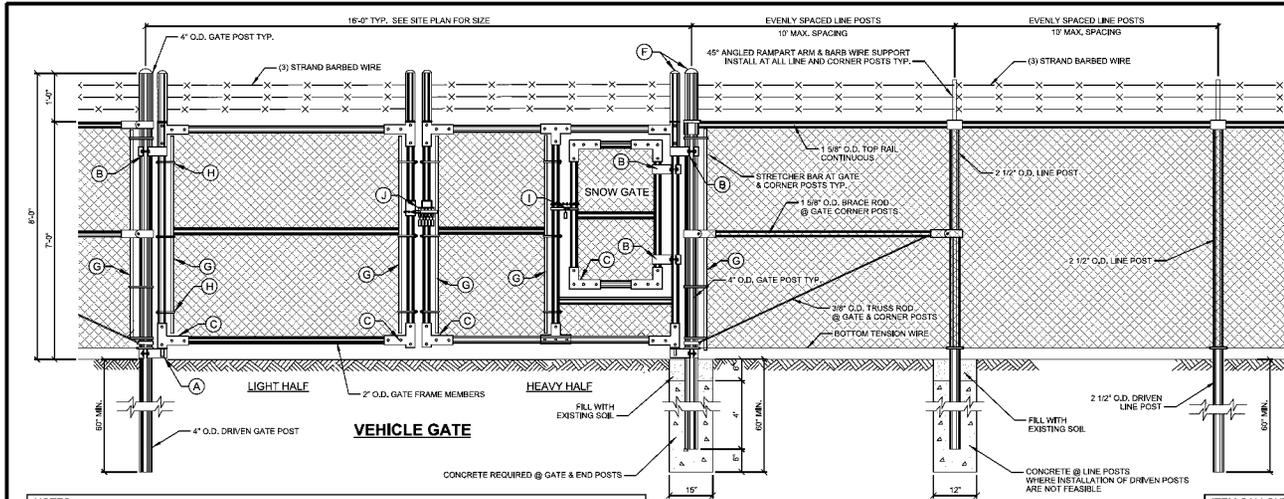
**JESUP WATER TANK
 BUCHANAN COUNTY
 JESUP, IOWA
 GRADING PLAN**

REVISIONS:	DESCRIPTION:
NO.	DATE:

ISSUE DATE:	05/11/2016
SET TYPE:	
ER:	
GRAPHIC SCALE:	10.000' / In.
DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	C-104.dgn

SHEET IDENTIFICATION:
C-104

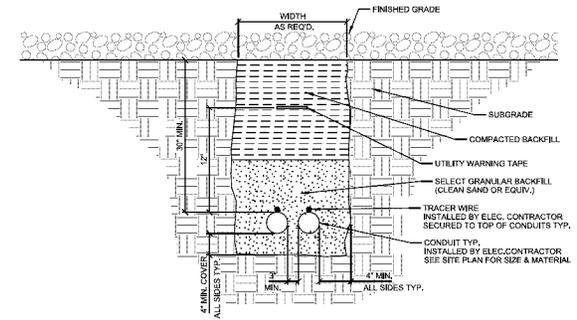
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- NOTES:**
1. FENCE LINE POSTS MAY BE EITHER DRIVEN OR SET IN CONCRETE AT CONTRACTORS OPTION. SEE DETAIL FOR DEPTH & FOOTING REQUIREMENTS.
 2. ALL CORNER AND GATE POST REQUIRED TO BE SET IN CONCRETE.
 3. ALL FENCE POSTS TO BE SCH 40 GALVANIZED STEEL. SEE DETAIL FOR SIZES
 4. FENCE FABRIC: 9 GAUGE GALVANIZED COATED, 2\"/>

A FENCING DETAILS

- ITEM CALLOUTS:**
- A. STRAIGHT PLUG
 - B. GATE HINGE
 - C. PIPE SLEEVE
 - D. LATCH FORK
 - E. FORK DATCH
 - F. DOME CAP
 - G. STRETCHER BAR
 - H. HOOK BOLTS
 - I. STANDARD GATE LOCK
 - J. MULTI-USER GATE LOCK - TAYHOPE OR EQUIV.



- NOTES:**
1. ALL CONDUITS TO BE EQUIPPED W/ PULL CORDS & CAPPED FOR FUTURE LINE PULLS. NO DUCT TAPE CAPS ALLOWED.
 2. WARNING TAPE TO RUN CONTINUOUSLY ALONG THE ENTIRE CONDUIT LENGTH. INSTALL TAPE 12\"/>

B UTILITY TRENCH

REVISIONS:	DESCRIPTION:

ISSUE DATE:	06/14/2016
SET TYPE:	ER
GRAPHIC SCALE:	02.000' = 1\"/>
DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	C-502.dgn

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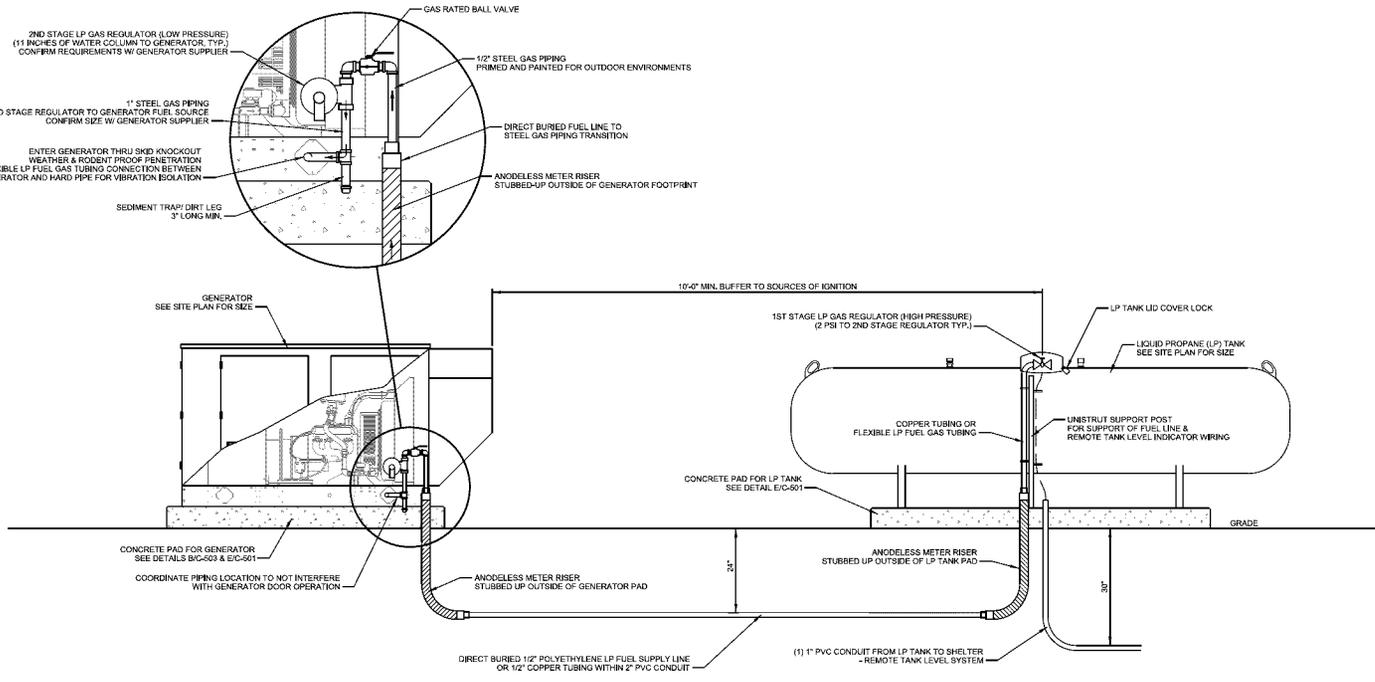
**JESUP WATER TANK
BUCHANAN COUNTY
JESUP, IOWA**

GENERATOR FUEL SYSTEM DETAILS

REVISIONS:	DESCRIPTION:

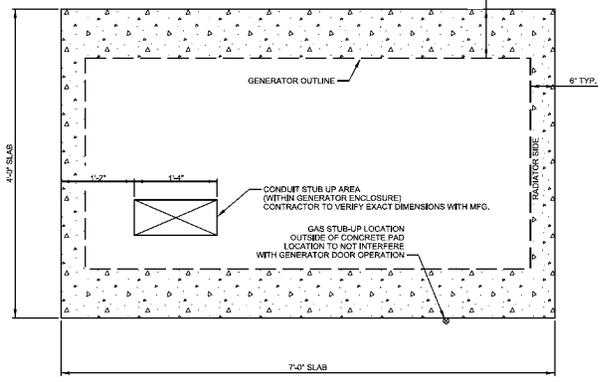
ISSUE DATE:	05/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	0.187" = 1'-0"
DRAWN BY:	AMF
CHECKED BY:	AJG
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	C-503.dgn

SHEET IDENTIFICATION:
C-503



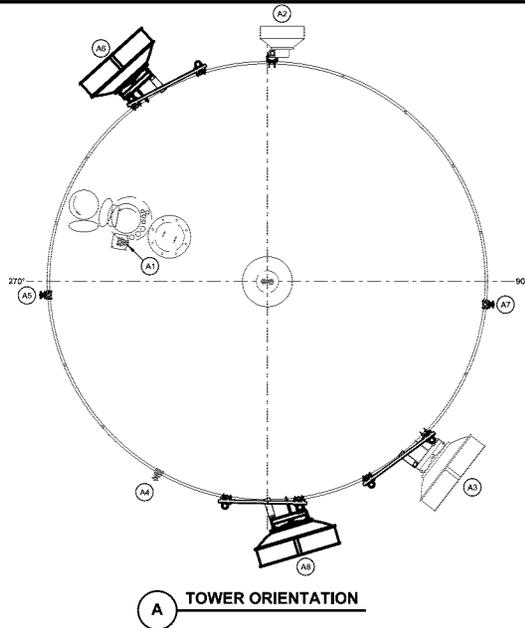
A GENERATOR - LP FUEL SYSTEM

GENERATOR PIPING NOTE:
- VERIFY GENERATOR PAD DIMENSIONS AND CONDUIT AND LP FUEL STUB UP LOCATIONS WITH GENERATOR SUPPLIER



B TYP. GENERATOR FOUNDATION PLAN

11/18/2015 13952-CAD/PP/MS/C-503.dgn



A TOWER ORIENTATION

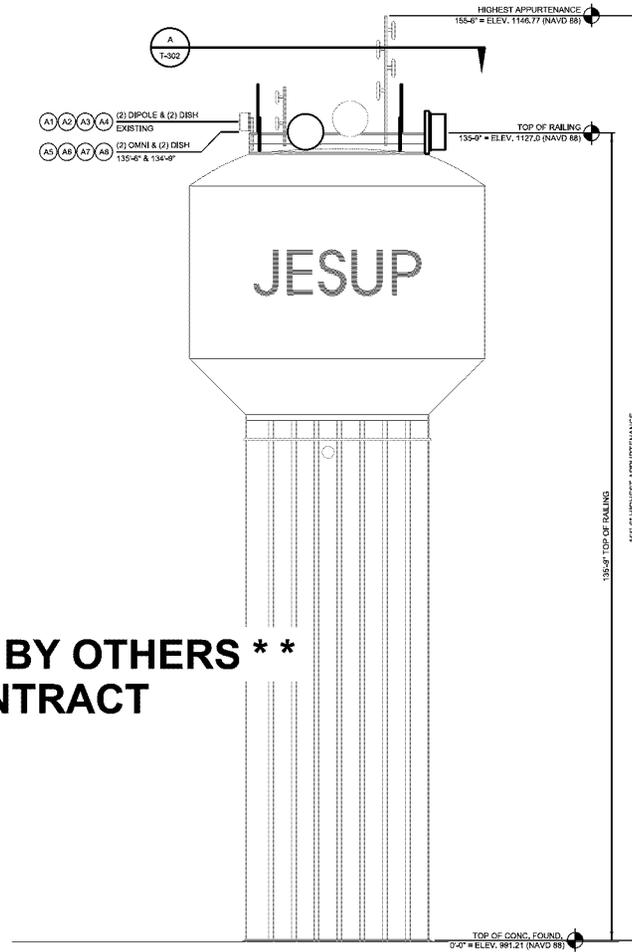
**** ALL WORK THIS PAGE BY OTHERS **
NOT PART OF CONTRACT**

TOWER LOADING LEGEND

ANTENNA ID	ANTENNA TYPE	ANTENNA MODEL DESCRIPTION & (WT)	ANTENNA MOUNT	MOUNTING HEIGHT	CL HEIGHT	CL ELEV. (NAVD 88)	ANTENNA AZIMUTH	TILT (+/-)	TX LINE SIZE	COLOR CODING	FREQUENCY (MHz)	Power (Watt)	USE OWNER	NOTES
A1	Dipole	(1) 10 Tall, 2 Bay Dipole	Pipe-to-Pipe Clamp to Tripod Post	153.5	138.5	1129.7			(2) 1/2"				Buchanan Co	Existing
A2	MW Dish	(1) Radio Waves HP3-11EX 36" Dia. 55 lbs	(1) 4-1/2" O.D. x 96" Dish Mount (PM-SL-86)	157.7	137.7	1128.9			(1) 3/8"		10700 - 11700		Buchanan Co	Existing
A3	MW Dish	(1) Radio Waves HP84EX 72" Dia. 251 lbs	Pipe-to-Pipe Clamp to Vertical Post	158.2	138.2	1129.4			(1) 3/8"		5725 - 7125		Buchanan Co	Existing
A4	Dipole	(1) Complot 884-70 270" long, 40 lbs, 5.2 sf	Pipe-to-Pipe Clamp to Vertical Post	153.7	145.0	1130.2			(2) 7/8"		148-174		Buchanan Co	Existing
A5	Omni	(1) RFS 808B-H 96" long, 36 lbs, 3.0 sf	Pipe-to-Pipe Clamp (1) 2-3/8" O.D. x 60" Mast	154.8	138.8	1130.0	270°		(1) 7/8"		806-869		Black Hawk Co	Proposed
A6	MW Dish	(1) Radio Wave HP84 w/ Radome 72" Dia. 251 lb	(1) 4-1/2" O.D. x 72" Dish Mount (PM-SL-86)	155.5	135.5	1128.7	317.9°		(1) EW83		5625-6424		To Dunkerton Black Hawk Co. See S-101 for mounting	Proposed
A7	Omni	(1) RFS 808B-H 96" long, 36 lbs, 3.0 sf	Pipe-to-Pipe Clamp (1) 2-3/8" O.D. x 60" Mast	154.8	138.8	1130.0	80°		(1) 7/8"		806-869		To Reserve Black Hawk Co.	Proposed
A8	MW Dish	(1) Radio Wave HP84 w/ Radome 72" Dia. 251 lb	(1) 4-1/2" O.D. x 72" Dish Mount (PM-SL-86)	155.5	135.5	1128.7	183.45°		(1) EW83		5625-6424		To Sunny Side Black Hawk Co. See S-101 for mounting	Proposed

NOTES:
 1. REFER TO ANTENNA MOUNTING DETAILS FOR ADDITIONAL INFO ON ANTENNA MOUNTING REQUIREMENTS.
 2. REFER TO HANDRAIL MODIFICATION PLANS AND DETAILS FOR HANDRAIL MODIFICATION AND DISH MOUNTING REQUIREMENTS.

B TOWER LOADING LEGEND



C TOWER PROFILE (ELEVATION)

NOTES:
 1. ALL DIMENSIONS ARE REFERENCE FROM THE TOP OF WATER TOWER CONCRETE FOUNDATION.

REVISIONS:

NO.	DATE	DESCRIPTION

ISSUE DATE:
05/11/2016

SET TYPE:
ER

GRAPHIC SCALE:
0.167" = 1'-0"

DRAWN BY:
AMF

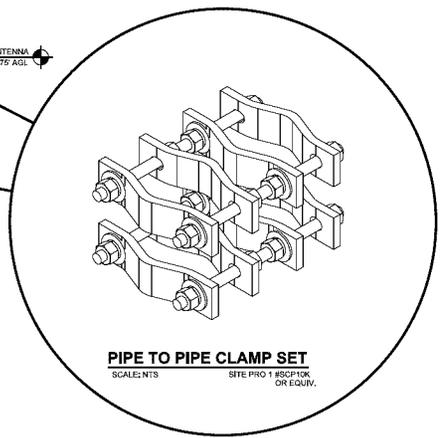
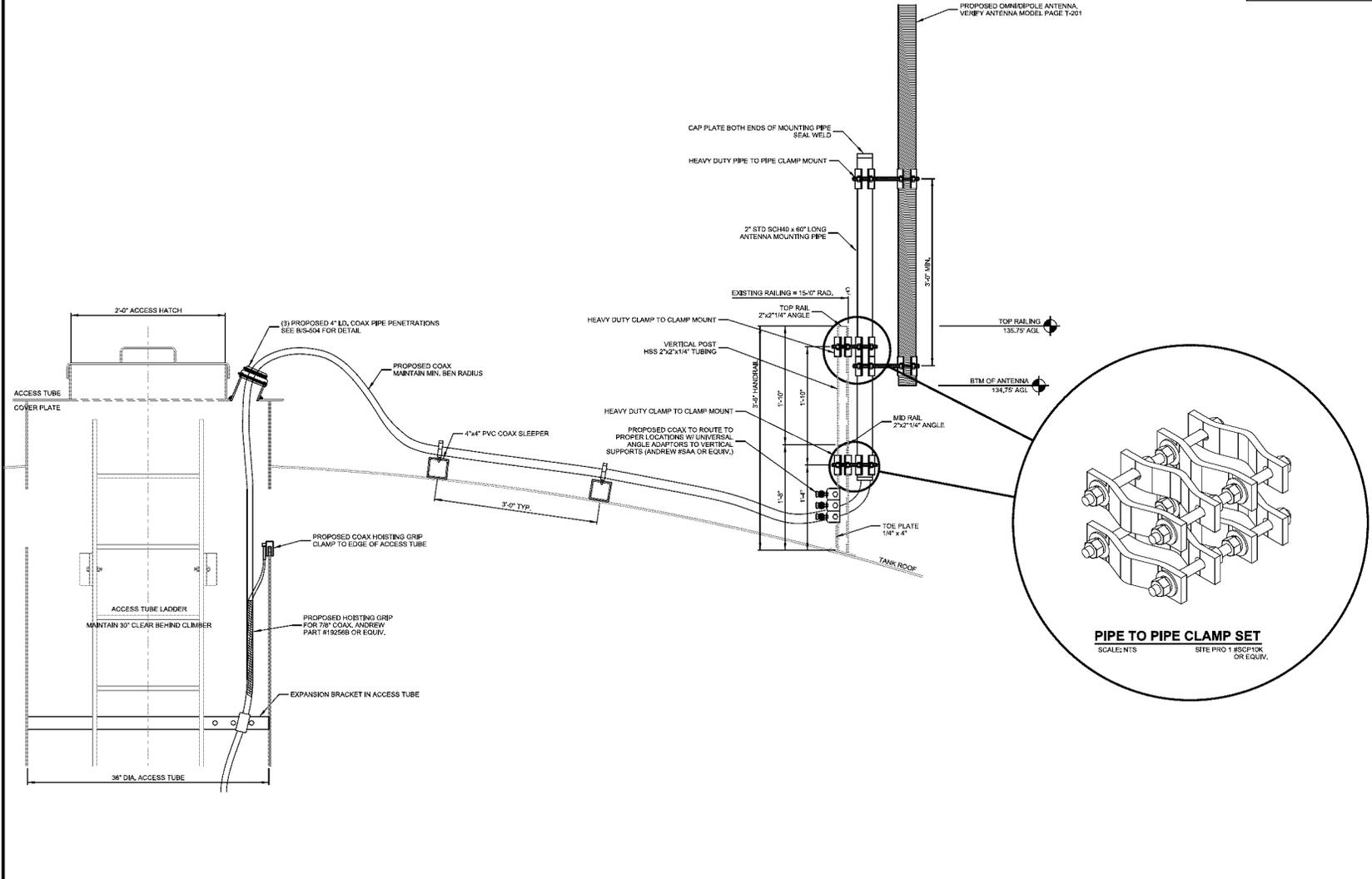
CHECKED BY:
AJO

PLOT DATE:
5/11/2016

PROJECT NUMBER:
13952

FILE NAME:
T-201.dgn

- NOTE:
1. SEE AIT-002 FOR ACCESS TUBE COVER COAX PIPE PENETRATION LOCATIONS
 2. NO WELDING OPPOSITE OF WATER REFER TO WELDING NOTES ON SHEET S-001
 3. FOR ALL EXTERIOR PAINTING REFER TO PAINTING NOTES ON SHEET S-001
 4. INSTALL RUBBER OR NEOPRENE BARBER BETWEEN TOWER STEEL & ANY CLAMPED CONNECTIONS OR BRACKETS



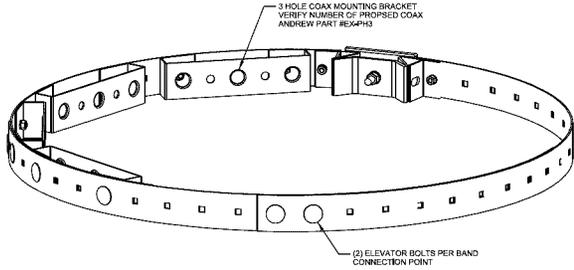
A SECTION THRU TOP OF WATER TOWER
SCALE: 11" x 17" - 3/4" = 1'-0"

REVISIONS:	DESCRIPTION:

ISSUE DATE:	06/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	02.000" = 1'-0"
DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	T-501.dgn

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EXPANSION CHART	
DIA.	BAND LENGTH
30"	96"
32"	96"
34"	104"
36"	112"
38"	116"
40"	124"
42"	132"
44"	136"
46"	142"
48"	148"
50"	154"
52"	160"
54"	168"
56"	174"
58"	182"
60"	188"



ANDREW EX-PRESS COAX MOUNTING BAND

PART NUMBER - EX-PT090
EXPANSION/COMPRESSION COAXIAL MOUNTING BAND
FOR 10" TO 60" OD ROUND OR POLYGON MONOPOLES
OR 30" TO 60" TO WATER TOWERS ACCESS TUBES

PART NUMBER - EX-PT43
3 HOLE COAXIAL MOUNTING BRACKET FOR EXPANDING
LINE CAPACITY ON EX-PRESS BAND

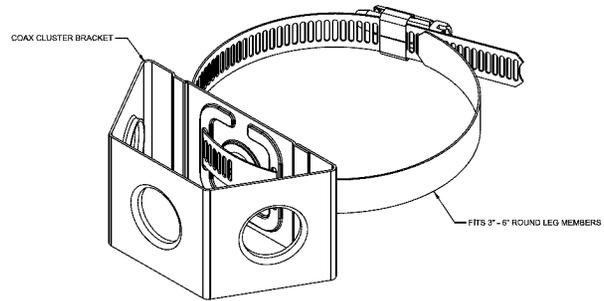
INSTALLATION NOTE:

SPACE COAX BANDS EVERY 4" O.C. ALONG ACCESS TUBE
MOUNT BRACKETS IN ACCORDANCE W/ OSHA REQUIREMENTS,
30" IS REQ. BEHIND CLIMBER.

1/8" NEOPRENE GASKET TO BE AS WIDE AS BAND AND LOCATED
BEHIND THE ENTIRE CIRCUMFERENCE. INSTALL TO AVOID PAINT
SCRAPPING & CORROSION. (ORDERED SEPARATELY)

A **EXPANSION COAX MOUNTING BAND**
SCALE: NTS

THIS SPACE INTENTIONALLY LEFT BLANK



SITE PRO 1 TRAPBOX STANDOFF KIT MOUNT

PART NUMBER - TB4J
FOR 3" TO 6" OD ROUND MEMBERS
MAX. LOADING (B) 1-5/8" COAX

INSTALLATION NOTE:

SPACE COAX BANDS EVERY 4" O.C. ALONG ACCESS TUBE
MOUNT BRACKETS IN ACCORDANCE W/ OSHA REQUIREMENTS,
30" IS REQ. BEHIND CLIMBER.

1/8" NEOPRENE GASKET TO BE AS WIDE AS BAND AND LOCATED
BEHIND THE ENTIRE CIRCUMFERENCE. INSTALL TO AVOID PAINT
SCRAPPING & CORROSION. (ORDERED SEPARATELY)

B **BAND-STRAP MOUNT WITH COAX CLUSTER BRACKET**
SCALE: NTS

THIS SPACE INTENTIONALLY LEFT BLANK

REVISIONS:	DESCRIPTION:	DATE:	BY:

ISSUE DATE:	05/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	0:2,000' = 1" = 1/8"
DRAWN BY:	AMF
CHECKED BY:	AJQ
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	T-502.dgn

SHEET IDENTIFICATION:
T-502

REVISIONS:

MARK	DATE	DESCRIPTION

ISSUE DATE:
05/11/2016

SET TYPE:
ER

GRAPHIC SCALE:
0.187" = 1'-0"

DRAWN BY:
AMF

CHECKED BY:
AJJO

PLOT DATE:
5/11/2016

PROJECT NUMBER:
13952

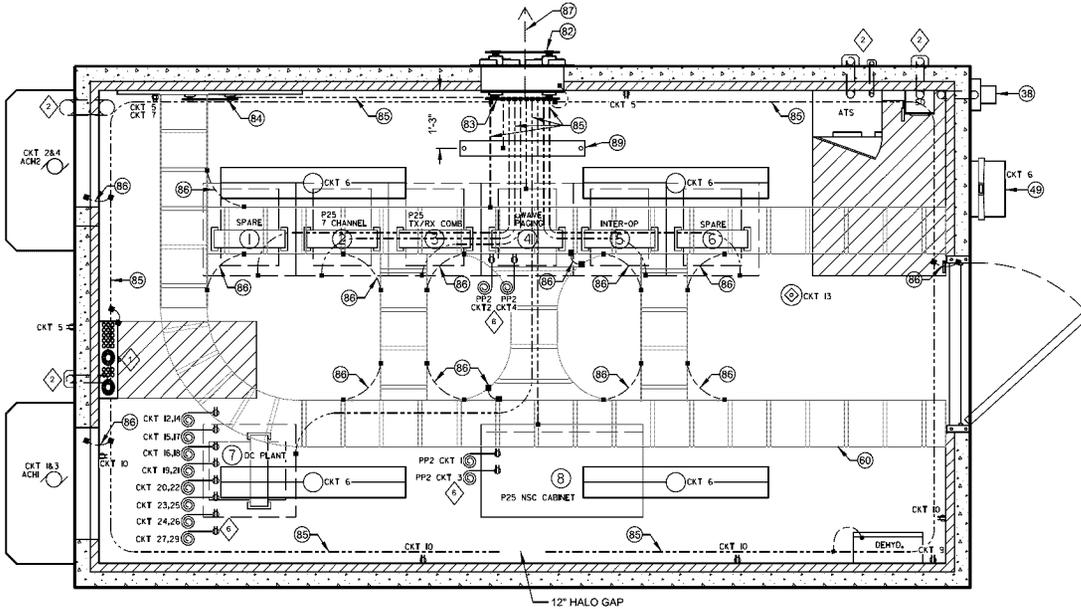
FILE NAME:
E-103.dgn

B PP1 - PANEL DIRECTORY

DISTRIBUTION PANEL	120/240VAC			PHASEWIRE		BUS SIZE		MAIN		AIC RATING
	120V	240V	3PH	A	B	400C	480C	3000	3500	
PP1	12	24	3	1/3	225A	10,000				10,000
LOAD										LOAD
HVAC #1	2	4	3				4	60	2	0
	1	2	3				4	60	2	0
RECEPTACLES & GFCI	12	1	20	3			6	20	1	12
GEN CHARGER/HEATER	12	1	20	7			8	-	-	OPEN
DEHYDRATOR	12	1	20	9			12	20	1	12
OPEN	-	-	-	11			12	-	-	1
SMOKE DETECTOR	12	1	13	13			12	20	2	10
RACK #7 DROP-1 DC PLANT	15	2	20	15			18	20	2	10
	-	-	-	17			18	-	-	-
RACK #7 DROP-2 DC PLANT	18	2	20	19			20	20	2	10
	-	-	-	21			22	-	-	-
RACK #7 DROP-3 DC PLANT	18	2	20	23			23	20	2	10
	-	-	-	25			26	-	-	-
RACK #7 DROP-4 DC PLANT	18	2	20	27			28	60	2	5
	-	-	-	29			30	-	-	-
	-	-	-	29			36	-	-	-

C PP2 - PANEL DIRECTORY

DISTRIBUTION PANEL	120/240VAC			PHASEWIRE		BUS SIZE		MAIN		AIC RATING
	120V	240V	3PH	A	B	400C	480C	3000	3500	
PP2	12	24	3	1/3	100A	10,000				10,000
LOAD										LOAD
RACK #8 - DROP 1	12	1	20	3			4	20	1	10
RACK #8 - DROP 2	12	1	20	3			4	20	1	10
OPEN	-	-	-	3			6	-	-	OPEN
OPEN	-	-	-	7			8	-	-	OPEN
OPEN	-	-	-	9			10	-	-	OPEN
OPEN	-	-	-	11			12	-	-	OPEN
OPEN	-	-	-	13			14	-	-	OPEN
OPEN	-	-	-	15			16	-	-	OPEN
OPEN	-	-	-	17			18	-	-	OPEN
OPEN	-	-	-	19			20	-	-	OPEN
OPEN	-	-	-	21			22	-	-	OPEN
OPEN	-	-	-	23			24	-	-	OPEN
OPEN	-	-	-	25			26	-	-	OPEN
OPEN	-	-	-	27			28	-	-	OPEN
OPEN	-	-	-	29			30	-	-	OPEN
	-	-	-	29			36	-	-	OPEN



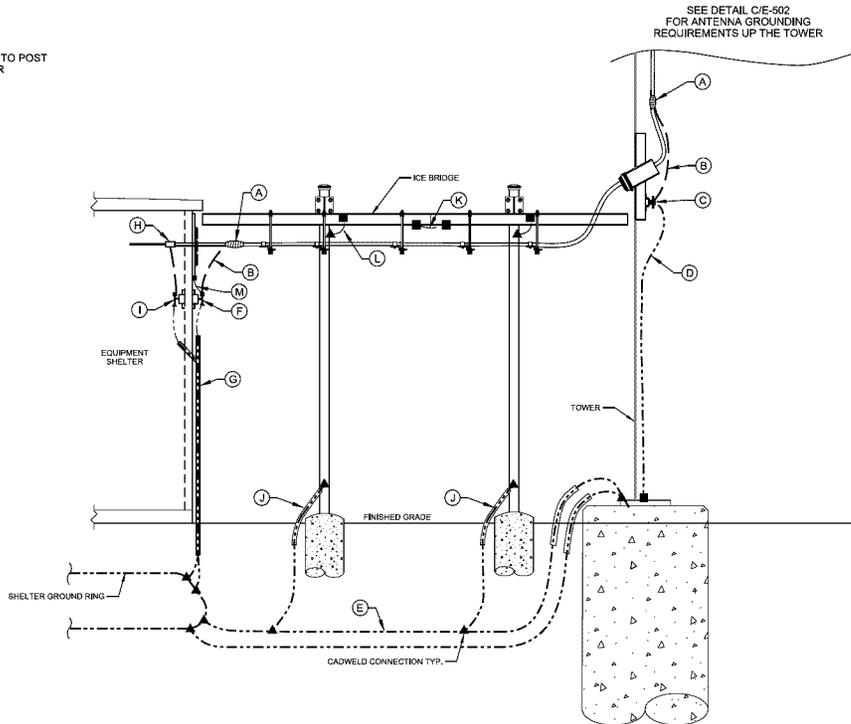
A SHELTER GROUNDING & ELECTRICAL PLAN
SCALE: 11" x 17" - 3/8" = 1'-0"
22" x 34" - 3/4" = 1'-0"

- NOTES:
- EQUIPMENT RACK CIRCUITS SHALL HAVE INDEPENDENT GROUND, DEDICATED NEUTRAL CONDUCTOR (THIRD WIRE, ONE PER CIRCUIT), RUN BACK TO PANEL. NO DAISY CHAINING.
 - ALL CONDUIT BELOW GRADE SHALL BE RMC TO 6' BEYOND FOUNDATION, BASES OR PADS, PROVIDE PVC IN OTHER LOCATIONS, CONDUCTORS SHALL BE TYPE XHHW-2 OR USE.
 - ALL DEVICES SHALL BE SURFACE MOUNTED.
 - VERIFY ALL CONTROL CABLE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
 - ALL LOW VOLTAGE WIRING TO BE RUN WITHIN CONDUIT.
 - CIRCUITS TO DC POWER PLANT, NSC CABINET AND UVAVE PAGING RACK, SHALL INCLUDE A CEILING MOUNTED JUNCTION BOX ABOVE EACH RACK WITH A FOOT LIQUID TIGHT FLEXIBLE RIGID PER CIRCUIT USING APPROPRIATE CONNECTORS, FINAL RIGID CONNECTION TO EQUIPMENT WILL BE BY THE RADIO VENDOR.

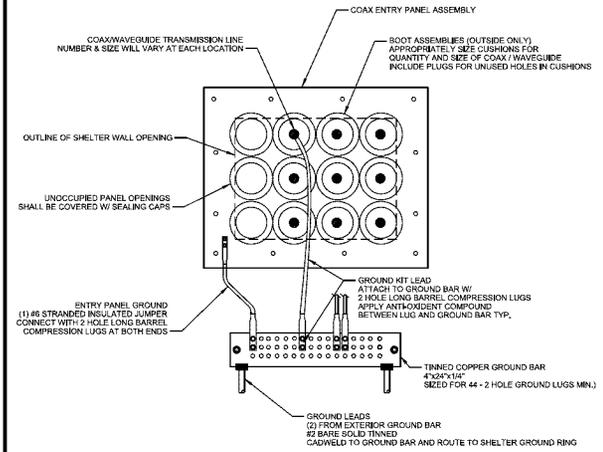
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KEY NOTES:

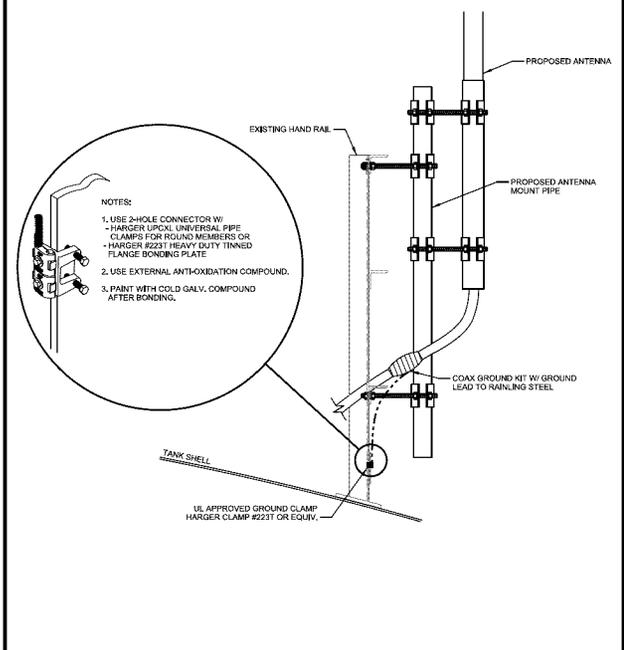
- (A) COAX / WAVEGUIDE TRANSMISSION LINE GROUND KIT
SEE DETAIL C/E-502
- (B) GROUND KIT JUMPER
CONNECT TO GROUND BAR WITH 2 HOLE LONG BARREL LUG
- (C) TOWER GROUND BAR (TGB)
4"x18"x1/4" - SIZED FOR (30) 2 HOLE GROUND LUGS
CLAMP TO STEEL STIFFENER PLATE
- (D) TGB GROUND
#2 STRANDED INSULATED, (1) REQ'D
CLAMP TO TOWER STEEL WITH UL LISTED BONDING CLAMP
(HARGER #213T, #223T OR EQUIV.)
- (E) SHELTER GROUND RING TO TOWER STEEL GROUND
(2) #2 BARE SOLID TINNED
ENCASE IN CARFLEX CONDUIT TO 24" BELOW GRADE
- (F) SHELTER EXTERIOR GROUND BAR (EGB)
SEE DETAIL B/E-502
- (G) EGB GROUNDS
#2 BARE SOLID TINNED
SEE DETAIL B/E-502
ENCASE IN CARFLEX CONDUIT FROM EGB TO SHELTER GROUND RING
(2) REQ'D.
- (H) SURGE ARRESTOR/POLY PHASER
- (I) INTERIOR SHELTER GROUND BAR / MASTER GROUND BAR (MGB)
(1) #2 BARE SOLID TINNED LEAD TO BUILDING GROUND RING
ENCASE IN 3/4" PVC CONDUIT
- (J) ICE BRIDGE POST GROUNDS
#2 BARE SOLID TINNED
CADWELD TO POST
ENCASE IN CARFLEX CONDUIT TO 24" BELOW GRADE
- (K) ICE BRIDGE SECTION GROUNDS
#6 STRANDED INSULATED
2 HOLE LONG BARREL ON EACH END TYP.
- (L) ICE BRIDGE TO SECTION TO POST GROUNDS
#6 STRANDED INSULATED
2 HOLE LONG BARREL ON SECTION & CADWELD TO POST
ORIENT LEAD WITH HIGH SIDE TOWARDS TOWER
- (M) ENTRY PANEL GROUND
#6 STRANDED INSULATED
2 HOLE LONG BARREL ON EACH END TYP.



A GROUNDING DETAILS



B INTERIOR/EXTERIOR SHELTER GROUND BARS



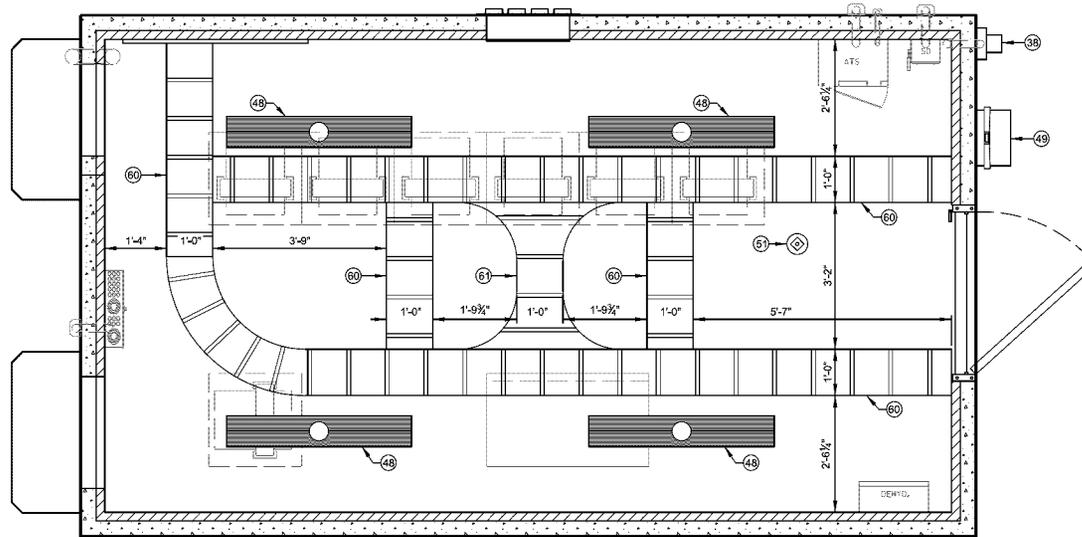
C ANTENNA GROUNDING DETAILS

REVISIONS:

NO.	DATE	DESCRIPTION

ISSUE DATE: 05/11/2016
 SET TYPE: FR
 GRAPHIC SCALE: 02:000" = 1'-0"
 DRAWN BY: AME
 CHECKED BY: AJO
 PLOT DATE: 5/11/2016
 PROJECT NUMBER: 13952
 FILE NAME: E-502.dgn

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A SHELTER REFLECTED CEILING PLAN
 SCALE: 11" x 17" - 3/8" = 1'-0"
 22" x 34" - 3/4" = 1'-0"

**JESUP WATER TANK
 BUCHANAN COUNTY
 JESUP, IOWA**

SHELTER REFLECTED CEILING PLAN

REVISIONS:	DATE:	DESCRIPTION:

ISSUE DATE:	05/11/2016
SET TYPE:	ER
GRAPHIC SCALE:	0.167" = 1'-0"
DRAWN BY:	AMF
CHECKED BY:	AJQ
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	A-102.dgn

SHEET IDENTIFICATION:
A-102

STRUCTURAL DESIGN CRITERIA (FOR SHELTER)

- GOVERNING CODES:** IOWA BUILDING CODE (INTERNATIONAL BUILDING CODE-2009 WITH IOWA MODIFICATIONS)
- FLOOR LIVE LOAD (1603.1.1):** EQUIPMENT SHELTER 50PSF
- ROOF LIVE LOAD (1603.1.2):** MINIMUM ROOF LIVE LOAD: 20 PSF
- ROOF SNOW LOAD (1603.1.3):** GROUND SNOW LOAD: PO = 30 PSF
FLAT ROOF SNOW LOAD: PF = 20.8
SNOW EXPOSURE FACTOR: CE = 1.0
SNOW LOAD IMPORTANCE FACTOR: IS = 1.0
THERMAL FACTOR: CT = 1.0
- WIND DESIGN DATA (1603.1.4):** BASIC WIND SPEED (3-SECOND GUST): V = 90 MPH
OCCUPANCY CATEGORY: II
WIND IMPORTANCE FACTOR: IW = 1.0
WIND EXPOSURE: C
INTERNAL PRESSURE COEFFICIENT: GCPI = +/- 0.18
- EARTHQUAKE DESIGN DATA (1603.1.5):** OCCUPANCY CATEGORY: II
SEISMIC IMPORTANCE FACTOR: I = 1.0
MAPPED MCE 5% DAMPED SPECTRAL ACCELERATIONS:
AT SHORT PERIODS: SS = 0.074G
AT A PERIOD OF 1 SECOND: S1 = 0.042G
SITE CLASS: D
SEISMIC RESPONSE COEFFICIENTS:
AT SHORT PERIODS: SDS = 0.079G
AT A PERIOD OF 1 SECOND: SD1 = 0.067G
SEISMIC DESIGN CATEGORY: B
- GEOTECHNICAL INFORMATION (1603.1.6):** ALLOWABLE SOIL BEARING PRESSURE (ASSUMED CLASS V SOIL, TABLE 1603.2): 1500 PSF
- FLOOD DESIGN DATA (1603.1.7):** BUILDING IS NOT LOCATED IN FLOOD HAZARD AREA; THEREFORE FLOOD DESIGN DATA IS NOT REQUIRED
- SPECIAL LOADS (1603.1.8):** SPECIAL LOADING CONDITIONS ARE NOT APPLICABLE TO THE DESIGN OF THIS BUILDING; THEREFORE SPECIAL LOADS ARE NOT REQUIRED
- SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (1603.1.9):** BUILDING IS DESIGNATED SEISMIC DESIGN CATEGORY B; THEREFORE SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE ARE NOT REQUIRED.

GENERAL

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR THE PROPER FIT AND CLEARANCE IN THE FIELD. CONTACT EDGE CONSULTING ENGINEERS, INC. IF ANY DISCREPANCIES EXIST. DO NOT SCALE DRAWINGS.
- THIS DRAWING IS NOT VALID IF LOADS OTHER THAN THOSE CONSIDERED IN THE STRUCTURAL ANALYSIS ARE ADDED TO OR REMOVED FROM THE STRUCTURE UNLESS APPROVED IN WRITING BY EDGE CONSULTING ENGINEERS, INC.
- THE PROPOSED LOADS SHALL NOT BE ADDED TO THE STRUCTURE UNTIL ALL MODIFICATIONS ARE MADE AND APPROVED BY THE WELDING INSPECTOR.
- THE DRAWINGS REPRESENT THE FINISHED STRUCTURE UNLESS NOTED OTHERWISE. THE DRAWINGS DO NOT INDICATE THE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION PROCEDURES AND PRACTICES.
- THE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS OR EQUIPMENT FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR STRUCTURAL STABILITY DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, ERECTION PROCEDURES AND SEQUENCE, SHORING, BRACING, RIGGING, GUYS, SCAFFOLDING, FORMWORK, AND OTHER WORK AIDS TO SAFELY PERFORM THE WORK SHOWN ON THE DRAWINGS.
- BEFORE PROCEEDING WITH ANY WORK ADJACENT TO OR WITHIN THE EXISTING STRUCTURE, THE CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS. DURING THE PROCESS OF CONSTRUCTION, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF THE EXISTING STRUCTURE WHERE THE EXISTING STRUCTURE IS MODIFIED TO ACCOMMODATE NEW CONSTRUCTION AND FOR PROTECTING FROM DAMAGE THOSE PORTIONS OF THE EXISTING STRUCTURE WHICH ARE TO REMAIN.
- THE CONTRACTOR SHALL NOT CUT, CORE, DRILL, OR OTHERWISE ALTER THE EXISTING STRUCTURAL ELEMENTS OTHER THAN THE MODIFICATIONS SHOWN ON THE DRAWINGS WITHOUT PRIOR WRITTEN APPROVAL OF EDGE CONSULTING ENGINEERS, INC.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ON-SITE SAFETY ASSOCIATED WITH THE WORK TO BE PERFORMED. ALL SAFETY REQUIREMENTS AS DICTATED BY OSHA AND THE LOCAL JURISDICTIONS SHALL BE FOLLOWED.
- IT SHOULD BE UNDERSTOOD THAT THE CONTRACTOR IS THE GUARANTOR OF ALL WORK AND RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE APPLICABLE PLANS, SPECIFICATIONS AND STANDARDS.
- SECTIONS, DETAILS, AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR CONDITIONS ELSEWHERE, UNLESS OTHERWISE SHOWN.
- ALL MATERIALS, WORKMANSHIP, AND DETAILS SHALL CONFORM TO THE LATEST EDITION OF THE BUILDING CODE.
- ALL PROPOSED INSTALLATIONS SHALL NOT DENY OR INTERFERE WITH AND ACCESS TO ANY OPERATIONAL OR SAFETY EQUIPMENT/APPLIANCES.
- THE CONTRACTOR THAT IS TO COMPLETE THE MODIFICATION WORK SHOULD VISIT THE SITE AND PERFORM A CLIMB TO VERIFY THAT THE PROPOSED MODIFICATIONS CAN BE INSTALLED AS DESIGNED. THE SITE VISIT SHOULD DETERMINE IF THERE ARE ANY OBSTRUCTIONS TO THE INSTALLATION, ETC. THIS VERIFICATION SHOULD OCCUR BEFORE MATERIALS ARE ORDERED OR FABRICATED. IF THE VERIFICATION IS NOT COMPLETED IN ADVANCE, THERE WILL BE AN INCREASED LIKELIHOOD THAT CONFLICTS OR DIFFICULTIES COULD BE IDENTIFIED AT THE TIME OF CONSTRUCTION.

STRUCTURAL DESIGN CRITERIA (FOR WATER TOWER)

- GOVERNING CODES:** WELDED CARBON STEEL TANKS FOR WATER STORAGE AWWA D100-05
- SNOWLOAD:** DESIGN SNOW LOAD: PD = 25 PSF
- WIND DESIGN DATA:** BASIC WIND SPEED (3-SECOND GUST): V = 60 MPH
OCCUPANCY CATEGORY: III
WIND IMPORTANCE FACTOR: IW = 1.15
WIND EXPOSURE: C
- EARTHQUAKE DESIGN DATA:** OCCUPANCY CATEGORY: III
SEISMIC IMPORTANCE FACTOR: I = 1.25
MAPPED MCE 5% DAMPED SPECTRAL ACCELERATIONS:
AT SHORT PERIODS: SS = 0.074G
AT A PERIOD OF 1 SECOND: S1 = 0.042G
SITE CLASS: C
SEISMIC RESPONSE COEFFICIENTS:
AT SHORT PERIODS: SDS = 0.079G
AT A PERIOD OF 1 SECOND: SD1 = 0.067G
SEISMIC DESIGN CATEGORY: B

CONCRETE & REINFORCING STEEL

- MATERIAL PROPERTIES (U.N.O.)
SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE - fc = 4000 PSI
SPECIFIED YIELD STRENGTH OF CONCRETE REINFORCEMENT - fy = 60 KSI (A615 GR 60)
- CR-1. ALL BAR LAPS SHALL CONFORM TO A6131 CLASS "B" SPLICE CURVE. USE TOP BAR LAP LENGTHS FOR TOP BARS IN SLABS AND BEAMS OVER 14" DEEP.
MINIMUM BAR LAPS AS FOLLOWS:
#3-1" #4-1" #5-1" #6-2" #7-2" #8-2" #9-2" #10-2" #11-2" #12-2"
FOR EPOXY COATED BARS, PROVIDE 1.5 TIMES THE INDICATED LAP LENGTH FOR TOP BARS PROVIDED 1.3 TIMES THE INDICATED LAP LENGTH.
CR-2. LAP LENGTH SHALL BE SPECIFICALLY NOTED ON SHOP DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING.
CR-3. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH A6131.
CR-4. ALL REINFORCEMENT BARS SHALL BE FABRICATED IN ACCORDANCE WITH THE LATEST CRS MANUALS OF STANDARD PRACTICE AND SHALL BE CLEAN AND FREE OF GREASE AND SCALING RUST.
CR-5. PROVIDE HOT/COLD WEATHER PROCEDURES AND PROTECTION IN ACCORDANCE WITH A6131 RECOMMENDATIONS AND PROJECT SPECIFICATIONS.
CR-6. CONCRETE REINFORCEMENT PROTECTION/CLEAR COVER, U.N.O.
- FOOTINGS:
ALL SIDES 3"
PIERS:
ALL SIDES 3"
- CR-7. EXTEND ALL PIER STEEL TO PROVIDE STD. HOOP UNDER FOOTING REINFORCEMENT UNLESS NOTED OTHERWISE.
CR-8. ALL CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) UNLESS NOTED OTHERWISE. ALL CONCRETE SHALL BE COMPOSED OF PORTLAND CEMENT, TYPE III IN CONFORMANCE WITH ASTM C 150, FINE AND COARSE AGGREGATE IN CONFORMANCE WITH ASTM C 33, AND WATER IN CONFORMANCE WITH ASTM C 94. EXCEPTED EXTERIOR CONCRETE SHALL BE AIR ENTRAINED WITH 6% AIR CONTENT. CONCRETE SHALL HAVE A MEASURED SLUMP OF 4" (CONTRACTOR SHALL PERFORM SLUMP TESTS). IF AN ALTERNATIVE MIX DESIGN IS DESIRED, MIX DESIGN SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL.
CR-9. ALL CONCRETE SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION, SPADING OR RODDING TO ENSURE THAT CONCRETE IS THOROUGHLY AND UNIFORMLY DISTRIBUTED WITHIN FORMWORK AND AROUND REINFORCEMENT AND EMBEDDED ITEMS.
CR-10. ALL FORMED CONCRETE SURFACES EXPOSED TO VIEW SHALL HAVE A SURFACE FINISH SP-2.0 IN ACCORDANCE WITH ACI 301.
CR-11. ALL CONCRETE MIXING, TRANSPORTING, PLACING AND CURING SHALL CONFORM WITH THE LOCAL BUILDING CODE REQUIREMENTS AND THOSE OF THE FOLLOWING STANDARDS (LATEST EDITION):
"ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE."
"ACI 315, DETAILING AND DETAILING OF CONCRETE REINFORCEMENT."
"ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BLDGS."
"ACI 307, RECOMMENDED PRACTICE FOR CONCRETE FORM WORK"
CR-12. ALUMINUM CONDUIT IS NOT PERMITTED TO BE EMBEDDED IN CONCRETE.
CR-13. ALL DOWELS INTO EXISTING CONCRETE OR SOLID MASONRY TO BE EPOXY ANCHORED WITH HELIX HY200 ADHESIVE OR APPROVED EQUIVALENT, UNLESS NOTED OTHERWISE.
CR-14. UNLESS NOTED OTHERWISE, ANY EXISTING CONCRETE SURFACE IS TO BE CLEANED AND INTENTIONALLY ROUGHENED TO A 1/4" AMPITUDE AND WETTED PRIOR TO FRESH CONCRETE BEING POURED AGAINST SURFACE.

PROTECTIVE GROUNDING

- TOWER GROUNDING SHALL BE IN ACCORDANCE WITH CHAPTER 10 OF THE IIA-222 REV. 0 CODE WITH THE FOLLOWING EXCEPTIONS:
U.N.O. NO TESTING TO VERIFY FINAL RESISTANCE SHALL BE COMPLETED UNLESS IT IS SPECIFICALLY REQUESTED BY THE CLIENT.
ALTERNATE GROUNDING METHODS FOR SPECIFIC SITE CONDITIONS DESIGNED IN ACCORDANCE WITH NFPA 70A STANDARDS AND GUIDELINES FOR COMMUNICATION SITES MAY BE USED WITH ENGINEER APPROVAL.

STRUCTURAL STEEL

- STRUCTURAL STEEL DESIGN AND FABRICATION SHALL BE IN ACCORDANCE WITH THE AISC 13TH EDITION STEEL CONSTRUCTION MANUAL.
- MATERIAL PROPERTIES ARE TO BE AS INDICATED BELOW UNLESS NOTED OTHERWISE.
W-IH-APES: Fy = 60 KSI (A992 OR A572 GR 50)
C-SHAPERS & ANGLES: Fy = 36 KSI (A36)
PLATES & BARS: Fy = 36 KSI (A36)
SQUARE TUBES: Fy = 46 KSI (A500 GR B)
ROUND TUBES: Fy = 36 KSI (A53 TYPE S, GR B)
RODS: Fy = 36 KSI (A36)
ANCHOR RODS: Fy = 36 KSI (F1554-GR 3)
- STEEL BEAMS WITH RESIDUAL CAMBER RESULTING FROM MILL FABRICATION OR ROLLING SHALL BE SHOP FABRICATED AND ERECTED SUCH THAT THIS RESIDUAL CAMBER COUNTERACTS GRAVITY LOAD DEFLECTION.
- MINIMUM BOLT EDGE DISTANCES ARE TO BE THE LARGER OF THE EXISTING CONDITION OR THE TABLE PROVIDED BELOW UNLESS APPROVED BY THE ENGINEER.
BOLT DIAMETER (IN) 1/2 5/8 3/4 7/8 1 1 1/8 1 1/4 1 1/2 1 3/4
MIN. EDGE DISTANCE 3/4 7/8 1 1 1/8 1 1/4 1 1/2 1 5/8 1 2 1/2 x d
- ALL CONNECTION BOLTING IS TO BE WITH A-325 BOLTS UNLESS NOTED OTHERWISE. BOLTS NEED ONLY BE TIGHTENED TO THE SNUG-TIGHT CONDITION, SNUG-TIGHT IS DEFINED AS THE TIGHTNESS OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH ON THE FULL EFFORT OF A PERSON USING AN ORDINARY SPUD WRENCH.
- U.N.O. POST INSTALLED ANCHORS ARE TO BE THE 1" HIT BY 200 ADHESIVE ANCHORS FOR SOLID BASE MATERIAL AS MANUFACTURED BY HELIX FASTENING SYSTEMS OF TULSA, OKLAHOMA OR EQUAL. INSTALL ANCHORS WITH EMBEDMENT DEPTHS INDICATED.
- U.N.O. NON-SHRINK GROUT SHALL BE A NON-METALLIC PREMEKED FORMULATION EQUIVALENT TO MASTERGROUT 713 PLUS BY DEUSSA BUILDING SYSTEMS. BEAM AND Lintel PLATES SHALL BE FULLY GROUTED WITH A MINIMUM 1/2" NON-SHRINK GROUT. COLLUM BASE PLATES SHALL BE FULLY GROUTED WITH A MINIMUM OF 1" NON-SHRINK GROUT.
- ALL STEEL FRAMING MEMBERS, CONNECTION PLATES, FASTENERS AND ANCHOR BOLTS EXPOSED TO RAIN OR WEAR TO HAVE HOT-DIP GALVANIZED OR FINISH UNLESS OTHERWISE SPECIFIED. APPLY COATING BY THE HOT-DIP PROCESS FOR GALVANIZING ACCORDING TO ASTM A123 OR ASTM A155.
- ALL DINGS, SCRAPPES, MARKS AND WELDS IN THE GALVANIZED AREA SHALL BE COATED WITH A ZINC-RICH PAINT APPLIED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- AFTER ZINC-RICH PAINT IS DRY, OVERCOAT WITH AN APPROPRIATE PAINT WITH THE SAME COLOR AS THE EXISTING.
- ALL WELDING OF NEW STEEL IS TO BE WITH E70XX ELECTRODES. U.N.O. WELDING SHALL BE IN ACCORDANCE WITH THE LATEST AWS SPECIFICATIONS BY CERTIFIED WELDERS AND INSPECTED BY AN AWS CERTIFIED WELDING INSPECTOR.
- WHEN FIELD WELDING TO EXISTING STEEL, ADJUST WELDING PROCEDURES AS REQUIRED TO BE COMPATIBLE WITH THE NEW AND EXISTING STEEL.
- ALL WELDING OF GALVANIZED MATERIAL SHALL BE PERFORMED IN SUCH A MANNER AS TO SATISFY ALL OSHA AND AWS REQUIREMENTS. ALL FIELD WELDED LOCATIONS SHALL BE PREPARED AND PRIMED WITH A ZINC RICH PRIMER PRIOR TO PAINTING PER THE MANUFACTURER'S RECOMMENDATIONS. THE SPECIFIC PRIMER TO BE USED SHALL BE TNE-MEC SERIES 90-97 Thermoplastic 10-14.078 DFT OR APPROVED EQUAL.
- SUBMIT SHOP DRAWINGS DETAILING FABRICATION OF STRUCTURAL STEEL COMPONENTS.
- METAL BAR GRATING SHALL BE FURNISHED AND INSTALLED ACCORDING TO ANS/MANM M180 53-100 METAL BAR GRATING MANUAL. METAL BAR GRATING SHALL BE WELDED STEEL GRATING FABRICATED FROM CARBON STEEL. THE MANUFACTURER SHALL SUBMIT (4) SETS OF PANEL FABRICATION DRAWINGS WITH SECTION PLANS IDENTIFYING EACH PANEL WITH A MARK NUMBER AND PANEL DIMENSIONS. SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED PRIOR TO FABRICATION AND SHIPMENT OF GRATING. ALL GRATING PANELS SHALL BE CUT TO SIZE AND Banded. GRATING SHALL BE FINISHED ACCORDING TO THE BID OPTION SELECTED. EACH GRATING PANEL SHALL BE TAGGED WITH THE ORDER NUMBER AND MARK NUMBER CORRESPONDING TO THE ERECTION PLAN. FIELD CUTTING OF GRATING IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER. GRADING MAY BE FASTENED TO STRUCTURE BY WELDS OR CLIPS ACCORDING NAAMM STANDARDS.

EXISTING STRUCTURE REINFORCEMENT

- MODIFICATIONS TO EXISTING STRUCTURES SHALL BE BASED UPON A RIGOROUS STRUCTURAL ANALYSIS.
- ALL STRUCTURAL MEMBERS/CONNECTIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE DESIGN CRITERIA.
- PRIOR TO IMPLEMENTATION OF THE CHANGED CONDITIONS AND/OR MODIFICATIONS, ITEMS ON THE DESIGN DOCUMENT REQUIRING VERIFICATION SHALL BE RESOLVED.

EARTHWORK

- ALL SUBTERRANEAN STRUCTURES, UTILITIES, PIPING, ETC. IN THE AREA OF EXCAVATIONS SHALL BE LOCATED AND MARKED BY CONTRACTOR PRIOR TO EARTH REMOVAL. WORK CONTRACTOR SHALL MAINTAIN MARKERS UNTIL EXCAVATION ACTIVITIES HAVE CEASED. IF UNDERGROUND UTILITY CONFLICTS ARE DISCOVERED BEFORE OR ENCOUNTERED DURING EXCAVATION, NOTIFY THE ENGINEER IMMEDIATELY.
- BEFORE PLACING FOOTINGS, FOUNDATIONS OR SLAB-ON-GRADE, THE SUB-GRADE SHALL BE PREPARED AND INSPECTED AS REQUIRED.
- WHERE STRUCTURES DERIVE SUPPORT FROM FILL-SUPPORTED FOUNDATIONS AND AT SLAB-ON-GRADE, FILL SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM 1557).
- NO FILL SHALL BE PLACED OVER FROZEN, MUDDY, OR OTHER DESTRUCTIVE MATERIAL. NO FILL SHALL BE PLACED OVER A PREVIOUS LIFT THAT IS NOT BEING ADEQUATELY COMPACTED.
- BACKFILL AGAINST FOUNDATION/ANCHORS SHALL BE COMPLETED BEFORE ERECTION/MODIFICATION OF THE TOWER BEGINS.
- BACKFILL SHALL BE COMPACTED UNIFORMLY AROUND THE FOUNDATION IN LIFTS TO MINIMUM 90% COMPACTION.
- BACKFILL SHALL BE NATIVE SOIL. IMPORTED SOIL SHALL BE VERIFIED WITH THE GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER PRIOR TO BACKFILLING.

ADDITIONAL WATERTOWER NOTES

- WELDING NOTES:**
- ALL WELDING TO THE TANK STRUCTURE SHALL COMPLY WITH THE CURRENT ANSBAWWA D100 STANDARD FOR WELDED STEEL TANKS FOR WATER STORAGE AND FEDERAL, STATE AND LOCAL CODES IN ADDITION TO AWS D11. STRUCTURAL WELDING CODE - D11.6E.
 - WELD SMOOTH AND AVOID UNDERCUTS AND BURRS. GRIND ALL WELDS SMOOTH SO THAT NO SHARP PROTRUSIONS REMAIN. SMOOTH IS DEFINED AS: NO CUTS OR ABRASIONS OCCUR WHEN RUBBING YOUR HAND OVER WELD; UNACCEPTABLE WELDS SHALL BE REPAIRED AS REQUIRED TO MEET AWWA D100 REQUIREMENTS.
 - NO WELDING SHALL BE DONE WHEN THE AMBIENT TEMPERATURE IS BELOW 32 DEGREES FAHRENHEIT UNLESS THE REQUIREMENTS OF AWWA D100, SEC 10.2.1 ARE MET.
 - WELDING TO THE TANK OR ACCESS TUBE OPPOSITE THE WATER LEVEL IS NOT PERMITTED. THE WATER LEVEL SHALL BE DRAWN DOWN TO A LEVEL TWO FEET BELOW THE POINT OF WELDING.
 - WELDING MAY CAUSE BLISTERING OF THE INTERIOR PAINT OPPOSITE THE WELD. ALL DAMAGED PAINT SURFACES INSIDE AND OUT SHALL BE REPAIRED. EXTERIOR PAINT DAMAGE SHALL BE REPAIRED AFTER COMPLETION OF THE ANTENNA INSTALLATION. CONTRACTOR IS TO COORDINATE WITH TOWER OWNER ON EXISTING PAINT SYSTEM.
 - PROTECT TANK SURFACES WITH WELDING BLANKETS ADJACENT TO WORK AREAS WHERE CUTTING, GRINDING AND WELDING ARE RECD.
- PERMISSION NOTES:**
- ALL PIPE PENETRATIONS MUST CLEAR EXISTING TANK WELD SEAMS BY AT LEAST 6" (VERTICAL & HORIZONTAL).
 - TANK WATER LEVEL MUST BE LOWERED TO 50% OF MAXIMUM CAPACITY AND THERMISTERS ADDED BEFORE OPENINGS ARE CUT. WATER LEVEL REDUCTION TO BE SCHEDULED AT MUNICIPALITY'S CONVENIENCE TO MATCH WATER DEMAND. PROVIDE 24 HOUR MINIMUM NOTICE TO MUNICIPALITY.
 - CUT AND WELD PIPE SLEEVE IN PLACE COMPLETELY BEFORE REPEATING FOR ADDITIONAL SLEEVES.
- PAINTING SPECIFICATIONS:**
- VERIFY SPECIFIC PAINTING SPECIFICATIONS AND REQUIREMENTS WITH TANK OWNER.
 - CONTRACTOR IS RESPONSIBLE FOR CLEANING AND TEMP COATING ALL EXTERIOR WELDED OR DAMAGED COATING SURFACES.
 - CLEAN ALL WELDS OR DAMAGED COATING SURFACES TO SSPC-SP11 "POWER TOOL CLEANING TO BARE METAL" AND FEATHER BACK THE EDGES.
 - APPLY ONE SPOT PRIME COAT WITH REQUIRED PRIMER AT 4-6 MILS DFT PER COAT. IF TEMPERATURES ARE EXPECTED TO BE BELOW 50 DEGREES SUBSTITUTE WITH COLD GALVANIZED SPRAY.
 - CONTRACTOR SHALL ALSO PRIME AND PAINT ALL EXTERIOR RAILS AND PENETRATIONS TO EXTERIOR SURFACE PAINTING SPEC. TOWER OWNER TO BE CONTACTED TO DETERMINE IF ANTENNA MOUNTS AND MAST PIER ARE REQUIRED TO BE PAINTED.
 - EXTERIOR SURFACE PAINTING REQUIREMENTS:
 - COATING SYSTEM: PRIMER: TNE-MEC SERIES 91-400 HYDRO-ZINC 2000 INTERMEDIATE COAT: TNE-MEC SERIES 66 H4HULD EPOXY/OLINE FINISH COAT: TNE-MEC SERIES 73-000-04 ENLURA IMB LD
 - EXTERIOR SURFACES TO BE PAINTED SHALL BE CLEANED TO SSPC-SP11 "POWER TOOL CLEANING TO BARE METAL" AND FEATHER BACK THE EDGES.
 - THE EXTERIOR SURFACE PAINT SYSTEM SHALL BE TWO PRIME COAT WITH REQUIRED PRIMER AT 4-6 MILS DFT PER COAT AND ONE FINISH COAT OF PAINT TO 3 MILS DFT.
 - THE THREE-COAT SYSTEM SHALL BE APPLIED AT 3.0-5.0 MILS PER COAT, TO AN OVERALL THICKNESS OF 11.0 - 15.0 MILS.
 - ALL PAINTED SURFACES ARE TO BE PREPARED PER MANUFACTURER'S RECOMMENDATIONS.
 - EXTERIOR FINISH COLOR: PER TOWER OWNER.
 - INTERIOR (WET) PAINTING REQUIREMENTS:
 - COATING SYSTEM: PRIMER: TNE-MEC SERIES 91-400 HYDRO-ZINC 2000 FINISH COAT: TNE-MEC SERIES 25-158L TANK WHITE
 - INTERIOR DRY SURFACES TO BE PAINTED SHALL BE CLEANED TO SSPC-SP11 "POWER TOOL CLEANING TO BARE METAL" AND FEATHER BACK THE EDGES.
 - THE INTERIOR DRY SURFACE PAINT SYSTEM SHALL BE PER REQUIRED FINISH AT 16-20 MILS DFT.
 - INTERIOR (DRY) PAINTING REQUIREMENTS:
 - COATING SYSTEM: PRIMER: TNE-MEC SERIES 91-400 HYDRO-ZINC 2000 FINISH COAT: TNE-MEC SERIES 25-158L TANK WHITE
 - INTERIOR DRY SURFACES TO BE PAINTED SHALL BE CLEANED TO SSPC-SP11 "POWER TOOL CLEANING TO BARE METAL" AND FEATHER BACK THE EDGES.
 - THE INTERIOR DRY SURFACE PAINT SYSTEM SHALL BE PER REQUIRED FINISH AT 16-20 MILS DFT.
 - PAINT COLORS: VERIFY WITH TANK OWNER.
 - INTERIOR FINISH COAT SHALL BE WHITE OR OFF-WHITE.
 - EXTERIOR COLORS WILL BE SELECTED BY OWNER TO MATCH EXISTING (VOYAGEUR SKY 8906)
 - EACH COAT SHALL BE SLIGHTLY DARKER THAN PRECEDING COAT.
 - COORDINATE PAINTING SCHEDULE WITH TOWER OWNER. IF APPLICABLE, PAINT ALL THE NEW STEEL IN A SHOP SETTING, PRIOR TO DELIVERY TO THE SITE.
 - FOLLOW ALL PAINT MANUFACTURER'S RECOMMENDATIONS WHEN USING THEIR PRODUCTS. CONTACT PAINT MANUFACTURER TO OBTAIN SUITABLE SURFACE PREPARATION SYSTEM FOR PROPOSED SURFACE.



JESUP WATER TANK
BUCHANAN COUNTY
JESUP, IOWA

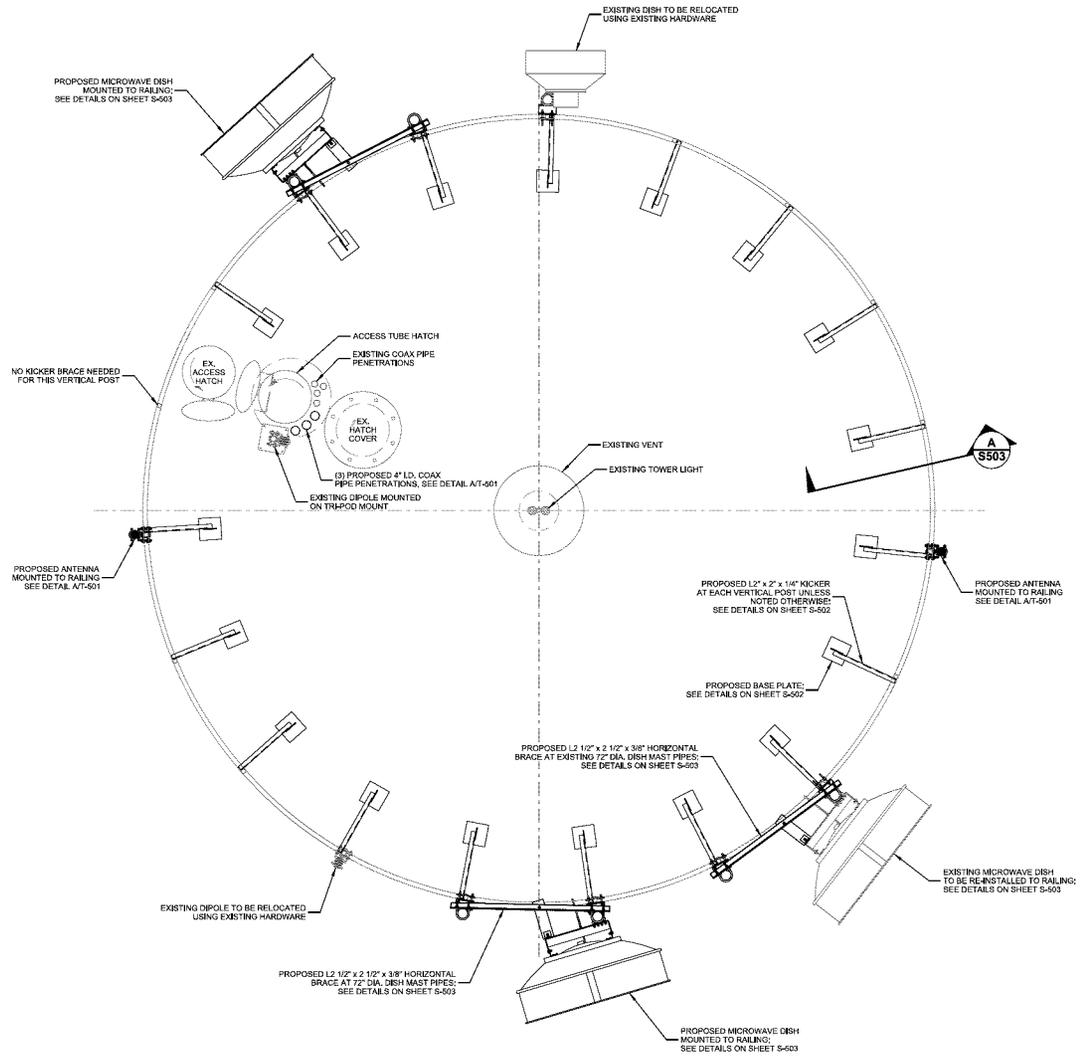
REVISIONS:

NO.	DATE	DESCRIPTION

ISSUE DATE:	06/1/2016
SET DATE:	
FR:	
GRAPHIC SCALE:	2,000' = 1"b
DRAWN BY:	
AME:	
CHECKED BY:	AJO
PROJECT DATE:	5/11/2016
SHEET NUMBER:	13952
FILE NAME:	8-001.dgn

SHEET IDENTIFICATION:
S-001

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PAINTING NOTE:

1. PAINT REPAIR TO BE IN ACCORDANCE WITH PAINTING SPECIFICATION ON SHEET S-001
2. ALL HANDRAIL SUPPORT BALK JOCKERS AND WELDED JOCKER BASE PLATES TO BE PAINTED PER EXTERIOR SURFACE PAINTING REQUIREMENTS ON SHEET S-001

A TANK ROOF SECTION
 SCALE: 11" x 17" - N.T.S.
 22" x 34" - N.T.S.

**JESUP WATER TANK
 BUCHANAN COUNTY
 JESUP, IOWA**

HANDRAIL MODIFICATION PLAN

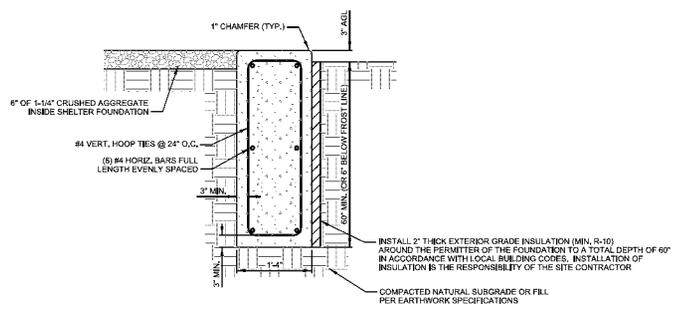
REVISIONS:	DESCRIPTION:

ISSUE DATE:	05/11/2016
SET TYPE:	FR
GRAPHIC SCALE:	0.167" / ft.
DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	S-101.dgn

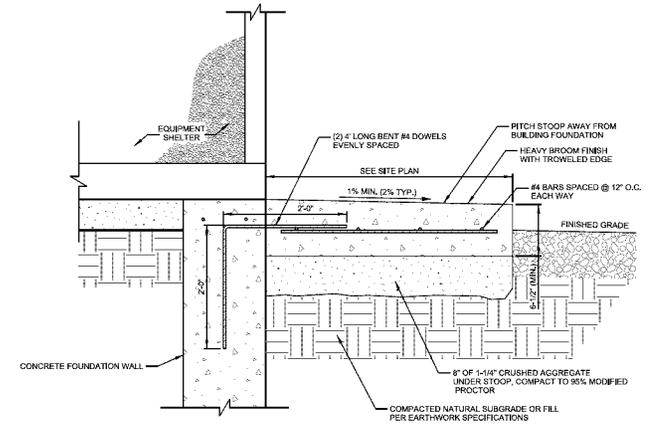
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S-101

E:\13952\13952\CAD\FR\9505-101.dgn

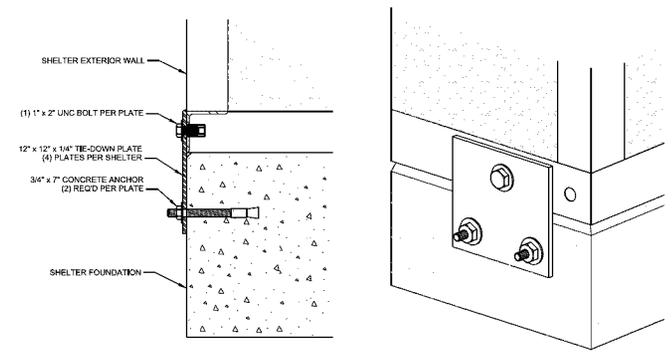
FOUNDATION NOTES:
 1. THE FOUNDATION DESIGN ASSUMES THAT THE PRE-FAB SHELTERS IS DESIGNED WITH A SLAG THAT WILL SPAN BETWEEN THE WALL SUPPORTS.



A SHELTER FOUNDATION DETAIL



B SHELTER STOOP DETAIL



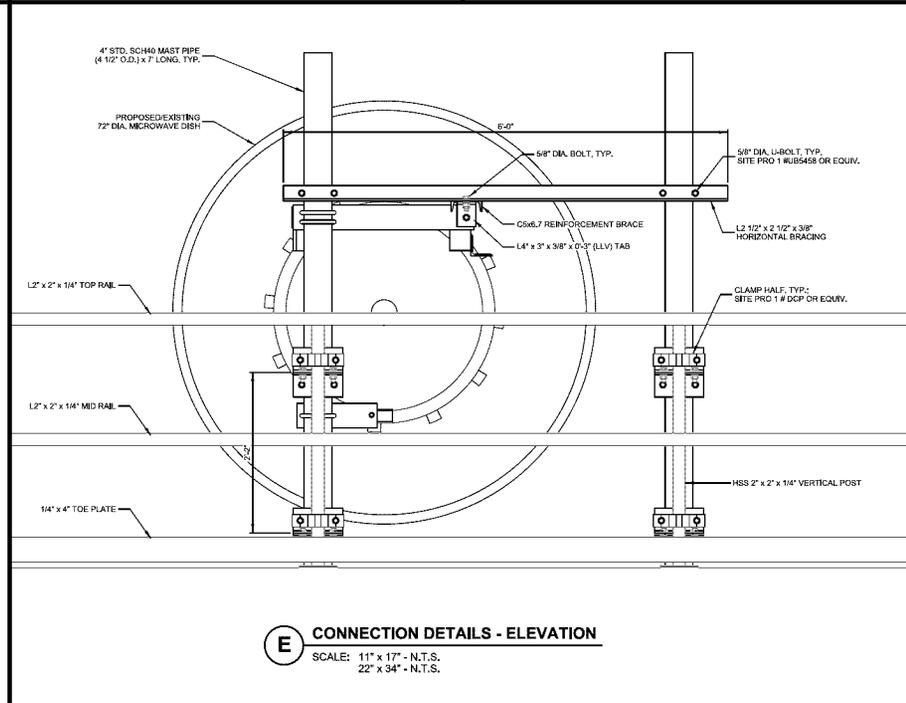
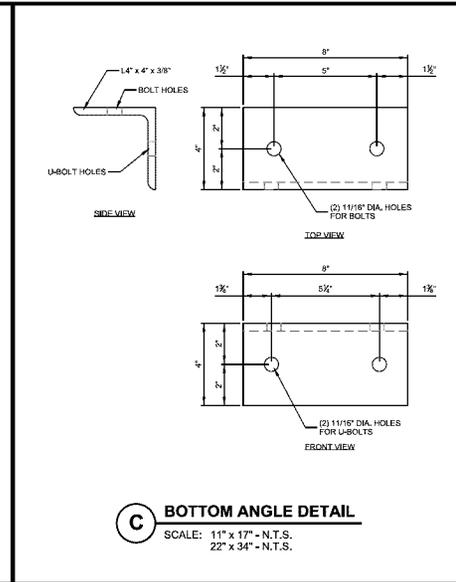
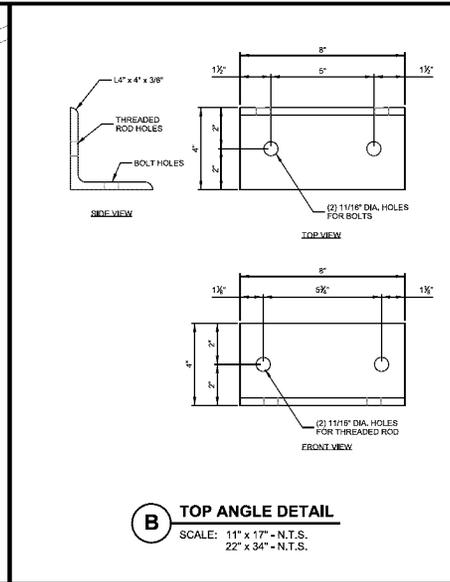
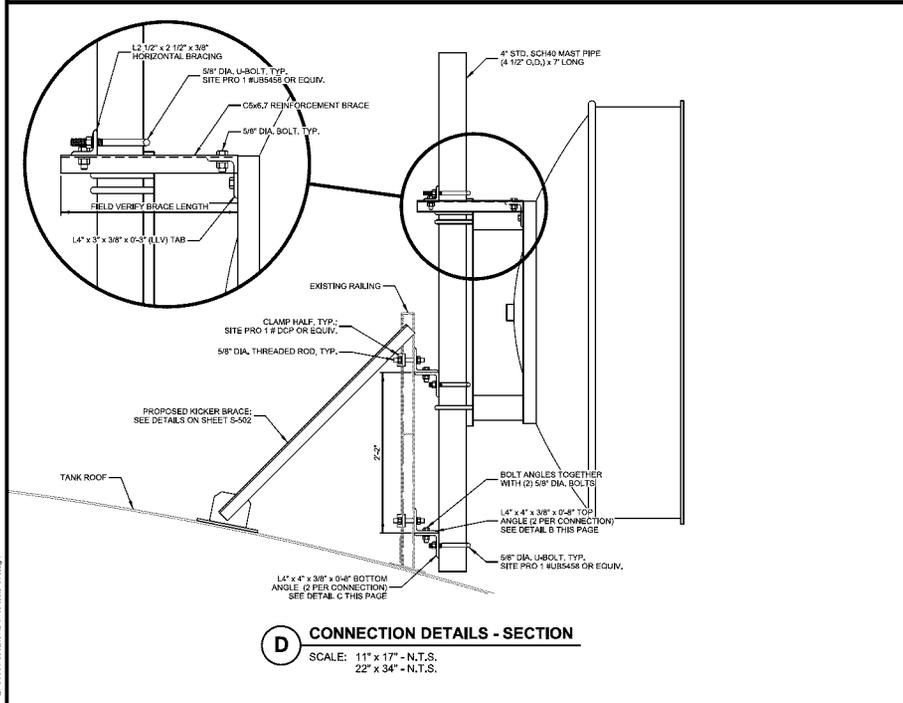
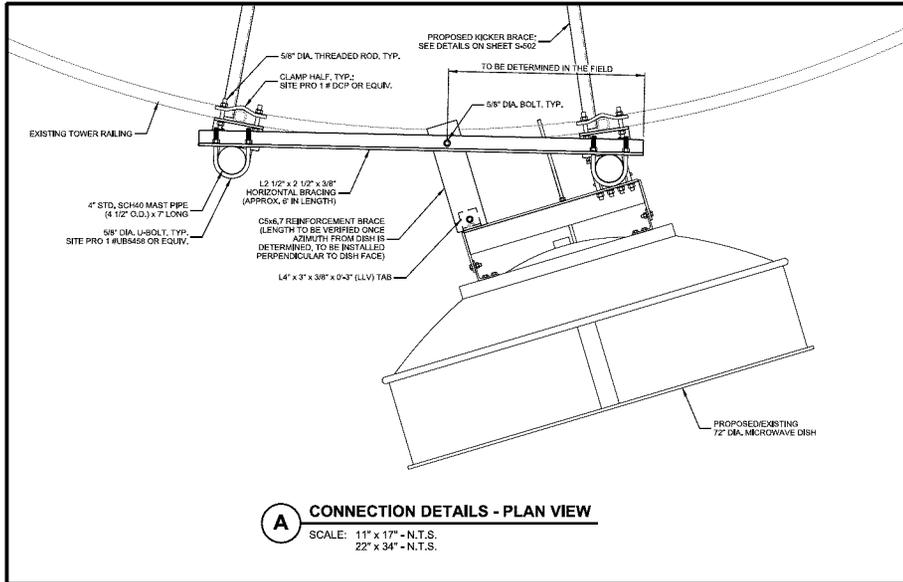
C TIE DOWN PLATE DETAIL

THIS SPACE INTENTIONALLY LEFT BLANK

NO.	DATE	DESCRIPTION

ISSUE DATE:	05/11/2016
SET TYPE:	FR
GRAPHIC SCALE:	0.187" = 1'-0"
DRAWN BY:	AMF
CHECKED BY:	AJQ
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	S-501.dgn

S:\13952\13952\CA07\FR\950507.dgn



REVISIONS:	DESCRIPTION:

ISSUE DATE:	05/11/2016
SET TYPE:	FR
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DRAWN BY:	AMF
CHECKED BY:	AJO
PLOT DATE:	5/11/2016
PROJECT NUMBER:	13952
FILE NAME:	S-503.dgn

Public Works Director's Report

Prepared by Chris Even on May 13, 2016

Water Operational Report (April 1 to April 30)

<u>Water Usage</u>	<u>April 2016</u>	<u>April 2015</u>	<u>% Change</u>
Monthly Average	0.146 MGD	0.141 MGD	3.5 %
12 Month Average	0.153 MGD	0.162 MGD	-6.0 %

<u>Testing</u>	<u>April 2016</u>	<u>Limit</u>
Total Coliforms, 4/06/16	Absent	Absent
Total Coliforms, 4/13/16	Absent	Absent
Total Coliforms, 4/20/16	Absent	Absent

Wastewater Operational Report (April 1 to April 30)

<u>Testing</u>	<u>April 2016</u>	<u>Limit</u>
Flow, average	0.322 MGD	1.210 MGD
Flow, daily max	0.565 MGD	3.024 MGD
CBOD5, 7 day avg	16.0 mg/l	40.0 mg/l
CBOD5, 30 day avg	13.6 mg/l	25.0 mg/l
TSS, 7 day avg	49.0 mg/l	120.0 mg/l
TSS, 30 day avg	32.0 mg/l	80.0 mg/l
Ammonia Nitrogen, 30 day avg	0.7 mg/l	18.0 mg/l
Ammonia Nitrogen, daily max	2.6 mg/l	41.0 mg/l
pH, min	8.3 s.u.	6.0 s.u.
pH, max	9.3 s.u.	9.0 s.u.

Projects (Thru May 12)

4th, 5th, and Purdy Street Reconstruction Phase II (2016)

- This project has been completed. The city council accepted the improvements and final payment has been made to Visu-Sewer.

4th, 5th, and Purdy Street Reconstruction Phase III (2016)

- Jesup Land Improvement will be restarting work on this project the week of May 16 and will continue with installation of water main on 4th Street when they return.
- MidAmerican Energy has completed the relocation of their underground electric on 4th Street that was necessary to allow installation of the new water main.
- The project must be completed by September 15, 2016.

5th & Church Street Water and Sewer Improvements Phase II (2016)

- MidAmerican Energy is in the process of relocating gas mains in the project area. They expect to be finished with the relocation in 2-3 weeks.
- No construction schedule is established; however, this project cannot start until after July 13 and must be substantially completed by September 15, 2016.

1st Street Railroad Crossing Improvements (2016)

- Top Grade Excavating has been hired to install the culverts in the railroad ditch for an amount not to exceed \$54,925. This work is expected to be completed in late spring or summer to coincide with the railroad crossing replacement.

Emergency Services Facility (2017)

- The mayor and I met with a representative from Henningsen Construction. He is preparing an estimate for Henningsen to construct a building and lease the building to the City for its emergency services facility.

4th, 5th, and Purdy Street Reconstruction Phase I (2015)

- Jesup Land Improvement has substantially completed the project. The City is waiting until all the grass is established to accept the project. The City is currently holding \$4,200 for retainage.

South Street Reconstruction (2011)

- This project has been completed. The city council accepted the improvements and final payment has been made to Horsfield Construction.
- All paperwork necessary to close out the project has been submitted to the DOT and the City has made its final request for federal aid reimbursement in the amount of \$10,700.

Job Title: Seasonal Laborer
Department: Public Works
Employment Status: Seasonal Part-time
FLSA Status: Non-exempt
Reports to: Public Works Director

General Summary

Performs a variety of functions relating to the maintenance of the city's parks, streets, water system, and wastewater system. Works from May to September, less than thirty-two (32) hours per week.

Essential Duties & Responsibilities

- Safely operates a variety of vehicles and equipment within the public works department including but not limited to pickup truck, lawn mower, trimmer, and chain saw.
- Performs grounds maintenance including, mowing, trimming, and applying fertilizers, herbicides, and other chemicals.
- Performs maintenance on city buildings and equipment including cleaning, painting, and minor repairs.
- Assists with street, park, water, and sewer improvement projects.
- Performs other duties as assigned by the Public Works Director or Mayor.

Education/Experience:

Must be at least eighteen (18) years of age.

Knowledge, Skills, and Abilities:

- Knowledge of operating characteristics of tools and equipment used in various public works function.
- Ability to effectively present information and respond to questions.
- Ability to read and interpret operating manuals, procedures, and policies.
- Ability to lift and/or move up to 100 pounds.
- Ability to transverse varying terrains in all weather conditions and climb stairs and ladders.
- Ability to stand, bend, and walk for extended periods of time.

Licenses:

- Valid Class C Driver's License.

Working Conditions:

Combination of sedentary work and outside work involving frequent standing and walking. Includes frequent exposure to cold and heat. Employee may also be exposed to darkness or poor lighting, dirt/dust, fumes/odors, moving machinery, noise, vibration, visual strain, wetness/humidity, mechanical hazards, chemical hazards, traffic hazards, microbiological hazards and bodily injury.

REQUIRED PHYSICAL ACTIVITIES

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; and talk or hear. The employee is occasionally required to taste or smell. The employee must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Constant hearing, near and far sight acuity, depth perception, color vision and field of vision are required.

Note: This job description should not be construed to imply that these requirements are the exclusive standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as may be required. The employer has the right to revise this job description at any time. The job description is not be construed as a contract for employment.

Job Opening

The City of Jesup is accepting applications for a Seasonal Laborer in the Public Works Department. This is a seasonal, part time position. Employment will commence upon hire and end on or before September 30, 2016. Salary is \$12.00/hour. Candidates must be at least 18 years of age and possess a valid Class C driver's license. Applications and a complete job description are available at City Hall, 791 Young Street. Applications must be received at City Hall before 4:30 PM on May 31, 2016.

Memo

To: Jesup City Council
From: Chris Even
CC:
Date: May 13, 2016
Re: Sidewalk Repairs

Approximately one-third of the city's streets in developed neighborhoods currently have a sidewalk installed adjacent to the street. I performed a quick review of all the city's existing sidewalks and categorized the sidewalks according to present condition and repairs needed. The following is a summary of the results:

Condition	Blocks	Description	Solution
Satisfactory	8.0 (6%)	No major defects	No repairs at this time
Fair	82.5 (66%)	Some vertical offsets	Cut offsets
Poor	28.5 (23%)	Large offsets/some surface defects	Cut offsets/replace panels
Unrepairable	6.0 (5%)	Widespread surface defects	Replace entire section or block

In addition, the city's sidewalk system has approximately 230 curb ramps that need to be replaced to comply with the current ADA standards.

To initiate a sidewalk repair program, I surveyed a portion of the area designated for Year 1 by the City Council on July 1, 2014. The area I surveyed is:

- 5th Street from south of Church Street to Young Street
- 6th Street, 7th Street, and Main Street from Hawley Street to Young Street
- Hawley Street and Young Street from 5th Street to Main Street.

Many of the sidewalks from Church Street north to Prospect Street will be disturbed by the 5th & Church Street Water & Sewer Improvements Project scheduled for this year so they were not included as part of this initial survey. The sidewalks on 6th Street from Hawley Street to Prospect Street were replaced in 2013 as part of the 6th Street Reconstruction Project so they also were not included in the survey.

I have prepared a list of all sidewalks that need replaced and requested quotes from several contractors to have these portions of sidewalk replaced. The quotes will be available at the city council meeting. The request calls for all the sidewalk repairs to be completed by July 1, 2016. This area will receive a lot of pedestrian traffic with the 9-11 mobile exhibit this year so I am pushing to try to get all these repairs completed before the Farmers Days celebration in July.

I targeted the worst sections for replacement. There are many other defects that could be repaired by cutting the sidewalk panels to correct vertical offsets. This would be much more efficient than replacing each panel.

N



-  Year 1
-  Year 2
-  Year 3
-  Year 4
-  Year 5
-  Year 6



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City of Jesup
2016 Sidewalk Improvements Phase I
5/12/2016

30" PCC Curb and Gutter	502.0	LF	\$	22.00	\$	11,044.00
30" PCC Curb and Gutter	98.0	LF	\$	31.00	\$	3,038.00
4" PCC Sidewalk	288.8	SY	\$	38.00	\$	10,974.40
6" PCC Sidewalk	265.3	SY	\$	48.00	\$	12,734.40
Detectable Warnings	352	SF	\$	31.50	\$	11,088.00
8" PCC Pavement	27.5	SY	\$	85.00	\$	2,337.50
				Total	\$	51,216.30

City of Jesup

2016 Sidewalk Improvements Phase I

The City of Jesup is requesting quotes for its 2016 Sidewalk Improvements Phase I Project. All material and work shall comply with Sections 7010 and 7030 of the Statewide Urban Design and Specifications (SUDAS) Standard Specifications 2016 Edition unless otherwise specified. The following is general description of the work to be performed:

PCC Curb and Gutter

6" standard curb measured per lineal feet along the face of the curb. Unit price includes, but is not limited to, subgrade preparation, bars, and jointing. Unit price does not include removal; removal will be performed by City of Jesup.

PCC Sidewalk

PCC sidewalk measured per square yard for area of sidewalk. Unit price includes, but is not limited to subgrade preparation, formwork, additional thickness at thickened edges, and jointing. Unit price does not include removal; removal will be performed by City of Jesup. Portland cement mix shall be Class C-4 mix.

Detectable Warnings

Detectable warnings measured per square feet of detectable warnings. Panels shall be uncoated cast iron.

PCC Pavement

PCC pavement measured per square yard of pavement. Unit price includes, but is not limited to subgrade preparation, integral curb, bars, jointing, and sealing. No testing required. Unit price does not include removal; removal will be performed by City of Jesup.

City of Jesup

2016 Sidewalk Improvements Phase I

	Quantity	Unit Price	Total
30" PCC Curb and Gutter	502.0 LF	_____	_____
42" PCC Curb and Gutter	98.0 LF	_____	_____
4" PCC Sidewalk	288.8 SY	_____	_____
6" PCC Sidewalk	265.3 SY	_____	_____
Detectable Warnings	352.0 SF	_____	_____
8" PCC Pavement	27.5 SY	_____	_____
Total			_____

Company Name: _____

Contractor Registration Number: _____

Company Address: _____

Contact Name: _____

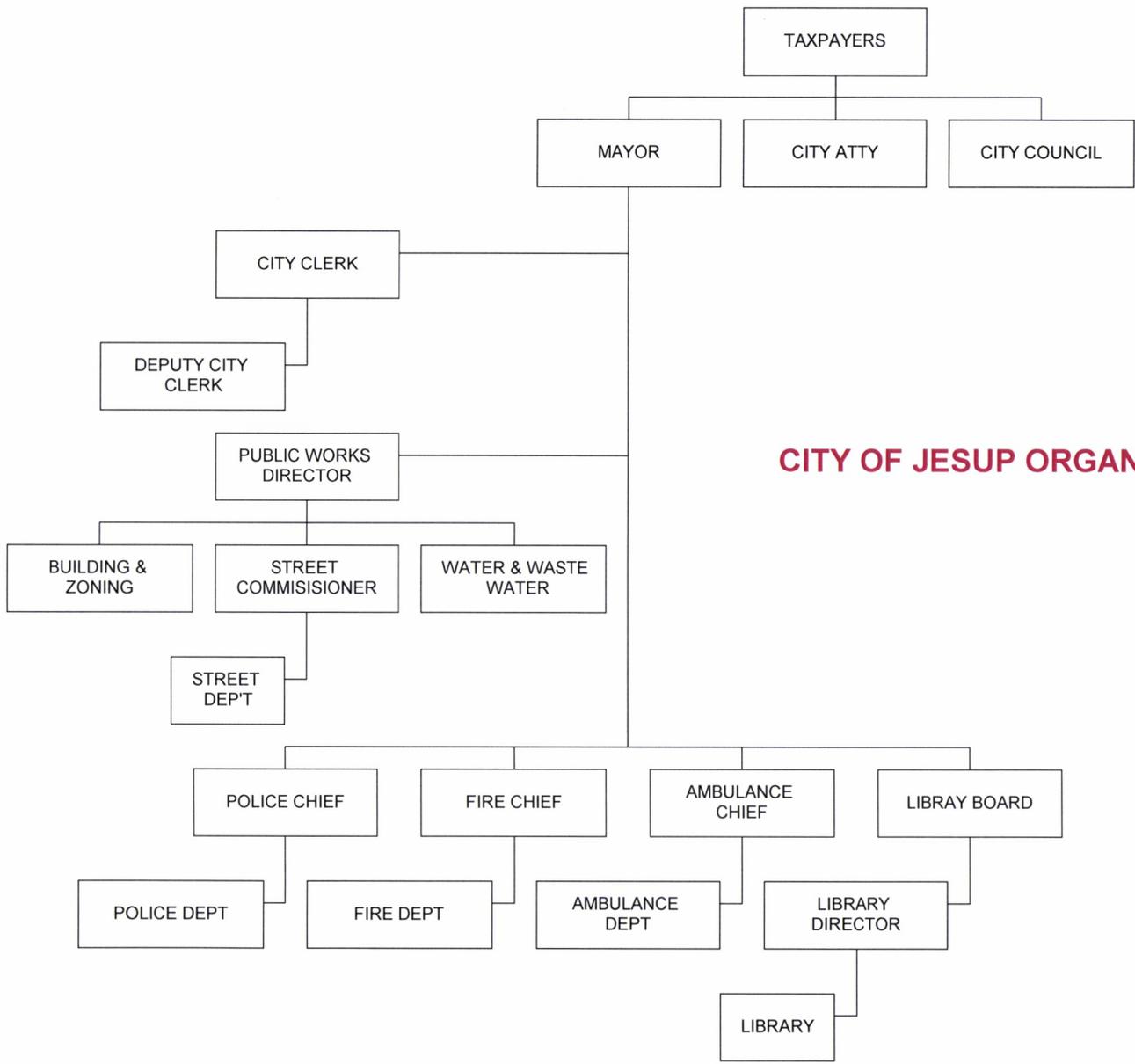
Phone Number: _____

Authorized Signature: _____

Quotes must be received before 4:00 PM on Tuesday, May 17, 2016 and may be emailed to jesupwd@jtt.net or delivered to Jesup City Hall, 791 6th Street, Jesup, IA 50648. All quantities are estimated. The City of Jesup reserves the right to add or delete quantities. The Jesup City Council reserves the right to reject all quotes, waive any informalities or irregularities in quotes, and enter into a contract in the best interest of the City of Jesup. Contractor shall provide a certificate of commercial liability insurance demonstrating a minimum coverage amount of \$1,000,000 per occurrence at the time a quote is submitted. All work shall be completed by July 1, 2016. The SUDAS Standard Specifications can be found at <http://www.iowasudas.org/manuals/manual.cfm?manual=specifications>

City of Jesup 2016 Sidewalk Improvements Phase I

Location	30" PCC Curb	42" PCC Curb	4" PCC Sidewalk	6" PCC Sidewalk	Detectable Warnings	8" PCC Pavement	Notes
600 block 5th St West side			410.0				Sidewalk 5 ft wide
Hawley St & 5th St NW quadrant	32.0		1.8	14.8	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 5th St NE quadrant	32.0			13.6	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 5th St SW quadrant	32.0			14.2	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 5th St SE quadrant	34.0			14.3	20.0		Curb ramp turning space 5 ft by 5 ft
714 5th St			5.3				Sidewalk 4 ft wide
725 5th St			5.3				Sidewalk 4 ft wide
Alley S Hawley & 5th St West side				2.7			Sidewalk 4 ft wide
Young St & 5th St NW quadrant	32.0			13.0	20.0		Curb ramp turning space 5 ft by 5 ft
Young St & 5th St NE quadrant	32.0			10.2	20.0		Curb ramp turning space 5 ft by 5 ft
715 5th St			7.1				Sidewalk 4 ft wide
535 Hawley St			16.0				Sidewalk 4 ft wide
534 Hawley St (Vacant Lot)			5.3				Sidewalk 4 ft wide
Alley S Hawley & 6th St West side		32.0		28.4	32.0		Sidewalk 8 ft wide
591 Young St (6th Street side)		66.0	58.7				Sidewalk 8 ft wide
635 Hawley St			8.9	6.7			Sidewalk 4ft wide
Hawley St & 7th St NW quadrant	34.0			13.4	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 7th St NE quadrant	32.0			14.0	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 7th St SW quadrant	36.0			17.0	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & 7th St SE quadrant	34.0			16.0	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & Main St NW quadrant	32.0			13.4	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & Main St NE quadrant	28.0			12.9	20.0		Curb ramp turning space 5 ft by 5 ft
Hawley St & Main St SW quadrant	35.0			17.1	20.0		Curb ramp turning space 5 ft by 5 ft
734 Hawley St			5.3				Sidewalk 4ft wide
Hawley St & Main St SE quadrant	42.0			14.6	20.0		Curb ramp turning space 5 ft by 5 ft
700 block Main St East side			175.0				Sidewalk 5 ft wide
Young St & Main St NE quadrant	16.0			15.9	20.0	21.9	Curb ramp turning space 5 ft by 5 ft
Young St & Main St SE quadrant	19.0			12.9	20.0	5.6	Curb ramp turning space 5 ft by 5 ft
Totals	502.0	98.0	288.8	265.3	352.0	27.5	



CITY OF JESUP ORGANIZATIONAL & FLOW CHART

CITY OF JESUP COMMUNITY BEAUTIFICATION CONTEST

In celebration of this year's Farmers Day Theme "9/11 Never Forget", the City of Jesup invites residents to demonstrate their patriotic pride by entering the Jesup Community Beautification Contest. The contest is designed to involve residents in the celebration by showing their community pride and patriotic creativity. Organizers are anticipating a large number of visitors for the 9/11 Never Forget Mobile Museum and Farmers Day activities. Let's show our visitors how Jesup is: "The Right Place".

Patriotic symbols such as flags and bunting, garlands, wreaths, lights, banners and bows, as well as live flowers and shrubs could lead to a winning entry.

Celebrate Jesup with RED, WHITE and YOU!

SUBMIT THE ENTRY FORM BELOW

For more information, contact Jesup City Hall at 319-827-1522 or jesup@jtt.net

Entry Information:

- Entries must be submitted by 4:30 pm, July 1, 2016
- Open to all residential homes and commercial buildings within the City of Jesup
- Judging will take place July 5-6, 2016
- Entries will be judged on creativity, originality and diversity of decorating methods
- Awards will be given out to the top three winners in each category
- Winners will be announced during Farmers Days opening ceremonies
- Participants may only enter in ONE of the following categories

Choose your category:

Best Residential Display

Best Commercial Display

Name/Business: _____

Address: _____

Telephone: _____

E-Mail: _____

E-Mail Community Beautification Entry form to jesup@jtt.net or mail entry to:

City of Jesup

P.O. Box 592

Jesup, IA 50648

Entries must be received **NO LATER** than 4:30, July 1, 2016