



Finance Department
Central Services Division

**INVITATION TO BID
REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS:
PHASE 1 – RESIDUALS CHARACTERIZATION
BID NO.: 316-W-032**

10/14/14

Name of Bidding Firm: _____
Address _____ City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____
E-Mail: _____

Bid Opening Time and Date 11:00 a.m., Local Time, Wednesday, June 8, 2016

Bids will be accepted until the specified opening time and date. Any bidder attempting to deliver after the opening time and date will be refused.

Bid Deposit/Bid Bond: NO
Prevailing Wage NO
Performance Bond: YES

PLEASE MARK THE RETURN SEALED ENVELOPE:

1. Bid Opening Date and Time
2. Title of Job
3. Bid Number

RETURN BIDS TO:

City of Rockford
Central Services Manager
425 East State Street, 4th Floor
Rockford, Illinois 61104

BIDS SUBMITTED BY FASCIMILE OR E-MAIL WILL NOT BE ACCEPTED

BID RESULTS:

Bid results may be obtained by telephone at 779-348-7164, by fax at 800-380-7174. or at www.rockfordil.gov

CITY OF ROCKFORD, ILLINOIS—BIDDING GENERAL CONDITIONS

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.
2. Total versus “Per Item” Awards. The City generally awards contracts based on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.
3. Delivery of Merchandise. Delivery terms will always be Freight On Board (FOB)—Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.
4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in this invitation to bid or as otherwise permitted by Illinois law.
5. Prompt Payment Act. The City of Rockford intends to comply with the governmental prompt payment act. The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.
6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar the vendor from bidding for a period of up to three years.
7. Legal Compliance. The vendor awarded this contract will comply with all Federal, State, County, and City laws, ordinances, rules and regulations, which in any manner affect the product or service placed for bid herein. Lack of knowledge on the part of the awarded vendor of applicable law will in no way be cause for release of this obligation. If the City becomes aware of violation of any laws, ordinances, rules and regulations on the part of the awarded vendor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.
8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.
9. Safety. Prevention of accidents at any project is the sole responsibility of the awarded vendor and its subcontractors, agents, and employees. The awarded vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. The awarded vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. Criminal Background Check. When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last 10 years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within 14 calendar days so as to not delay work to be completed.

11. Control of the Work. With respect to the awarded vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. Bid Bond. When required on the cover sheet, a bid bond for not less than 5 percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. Performance Bond. When required by the specifications herein, the awarded vendor shall furnish a performance bond equal to the amount of the contract, acceptable to the City, within 14 calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. Taxes. No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. Withdrawal of Bids. Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. Subcontracting. The bidder shall provide information for all subcontractors, leased operators/equipment, and suppliers and all other information requested in the Subcontractor and Supplier Detail Forms attached. Requests for deviations from the completed detail forms submitted must be made in writing, and reviewed and approved by the City's Diversity Procurement Officer and the Central Services Manager or designee. The awarded vendor may not subcontract any portion of the contract after award without written consent of the City of Rockford

Central Services Manager. When subcontractors are used, the awarded vendor is required to pay subcontractors promptly after completion of work. Delay of payment is prohibited.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to the awarded vendor, if the Rockford City Council does not appropriate sufficient funds to complete the contract or in the event of default by the awarded vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list for a period of up to three years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the awarded vendor at their request and expense.

19. EEO Forms. Each firm shall be required to submit with its bid information all EEO forms included in the invitation to bid package. Any bid which fails to include the properly completed compliance items will not be read and will not be considered. All subcontractors shall also be required to comply with the same EEO forms as the firm.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within 7 days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager, or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating

sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. **Prevailing Wage.** When indicated on the cover page of this document, this contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. When required, awarded vendors are responsible for paying current prevailing wage rates, as posted on the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. It is the awarded vendor's responsibility to verify current wage rates, as they are updated monthly. All awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, and record keeping duties.

26. **Certified Payroll.** All Certified Payroll reports required to be submitted under the Prevailing Wage Act, 820 ILCS 130, must be submitted monthly via the City's current Certified Payroll reporting system. No paper copies or non-conforming Certified Payroll reports will be accepted. The City reserves the right to withhold payment due to the awarded vendor until the vendor displays compliance with this provision.

27. **Substance Abuse Prevention.** When required by Illinois State Statutes, awarded vendors must have in place and file with the City a written program for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. **Apprenticeship Requirement.** For construction contracts over \$50,000, awarded vendors must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in the awarded vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. **Indemnification.** To the fullest extent permitted by law, the awarded vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the awarded vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon section 414 of the Restatement (Second) of Torts and section 343 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for the awarded vendor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, the awarded vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act of 1970 and

the Construction Safety Act of 1960 and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall the awarded vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Officers. Each bidder affirms, by submission of a response to this bid or request for proposals, that no officer of the City of Rockford, Illinois, is directly or indirectly interested in the proposal for any reason of personal gain.

31. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

32. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/5 governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

33. Compliance with Stormwater Management Ordinance and Environmental Consent Decree. Contractor must comply with the City's Stormwater Management Ordinance. For work performed on the stormwater system, including projects only requiring erosion and sediment control measures, acknowledgement of receipt of the USEPA issued Environmental Consent Decree is required. It is also required that the vendor retain all invoices, work orders and/or other records of work performed in drainage areas for three (3) years beyond the end of the consent decree, estimated to be 12/31/2022. These records are subject to audit and are to be made available immediately upon request by the City or the Federal and State Environmental Protection Agency (EPA). Additionally, there may be other records provided that the vendor will be required to keep on file upon request of the City. Violation of this section and with the City's Stormwater Management Ordinance may result in a fine.

34. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

Acknowledgement of Addenda

By indicating below, we acknowledge receipt of the addenda listed.

Addendum	_____	Date	_____
Addendum	_____	Date	_____
Addendum	_____	Date	_____
Addendum	_____	Date	_____
Addendum	_____	Date	_____

Person, Firm or Corporation

Authorized Signature and Title

Acknowledgement of Stormwater Management Ordinance and Environmental Consent Decree

By indicating below, we acknowledge receipt of the Stormwater Management Ordinance and Environmental Consent Decree. Both documents can be found on the City of Rockford website at <http://rockfordil.gov/public-works/engineering-cip/stormwater.aspx>

I have been provided access to the City of Rockford Stormwater Management Ordinance and the Environmental Consent Decree and agree to comply with the terms outlined therein.

Person, Firm or Corporation

Authorized Signature and Title

**BID REQUIREMENTS FOR
EQUAL EMPLOYMENT OPPORTUNITY**

All bidders seeking to do business with the City of Rockford are **REQUIRED** to submit with any formal, sealed bid all of the following documents and information, attached herewith, completed and signed:

1. Equal Employment Opportunity Affirmative Action Plan Statement of Policy.
2. The Statement of Non-Compliance and Certificate of Non-Segregated Facilities.
3. The Contractor or Vendor Workforce Data Form listing all current employees, by classification, directly employed by the bidder. All categories of information requested must be supplied.
Note: The number of employees must be entered under each category (no check marks)

Below are the Federal definitions of the following racial groups accepted as minorities by the City of Rockford:

Black: A person having origins in any of the Black racial groups of Africa, not of Hispanic origin.

Hispanic: A person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes for example, China, Japan, Korea, the Philippine Republic and Samoa.

American Indian or Alaskan Native: A person having origins in any of the original peoples of North America.

4. Your State of Illinois Pre-Qualification Certification Number, issued by the Illinois Department of Human Rights for the Illinois Department of Human Rights Act, **must provide expiration date entered in the place provided therefore.**
5. Certificate of Non-Barred Bidding
6. All executed Subcontractor/Leased Operator and Supplier forms.

If you have not obtained your State of Illinois Pre-Qualification Number (item #4), by signing these documents you agree to make application for this number within 30 days from the date of bid opening.

ANY BID WHICH FAILS TO INCLUDE THE CITY OF ROCKFORD EEO PAGES 2, 4, AND 5, COMPLETED AND SIGNED WITH YOUR SEALED BID WILL NOT BE READ AND WILL NOT BE CONSIDERED – NO EXCEPTIONS.

Falsification of any required Equal Employment Opportunity or Affirmative Action information on the part of the bidder could result in rejection of the bid submitted or in the case where a contract has already been awarded, in the cancellation of said contract.

EQUAL EMPLOYMENT OPPORTUNITY
AFFIRMATIVE ACTION PLAN
STATEMENT OF POLICY

It is the policy of this company, _____
to provide equal employment opportunity without regard to race, religion, color, national origin, handicap, age or sex through a program of positive action affecting all employees. In this program, our company carries out the requirements of Federal Executive orders 11246 and 11375, Civil Rights Act of 1964, Equal Employment Act of 1972, and all other applicable laws, and indicates its active support of the principle of equal opportunity in employment.

At present, _____ % of our work force are minorities and _____ % of our work force are females, and we will attempt to utilize minorities and females through a positive, continuing program in all jobs for which we contract in the future. Our company will utilize referrals from the City of Rockford's Diversity Procurement Officer for use of minorities and females regarding any future job vacancies.

It is also our intent to make efforts to purchase supplies or equipment from small business concerns located in the City of Rockford or counties of Winnebago or Boone and owned in substantial part (at least 51 per cent) by minorities or females.

_____ is the official who will be responsible for implementing this policy statement.

_____ will be designated as the Equal Opportunity Officer in our company, responsible for submission of all required equal employment opportunity documents.

In addition, _____ is hereby authorized to sign payroll as well as this company's officers. (NOTE: If only officers will be authorized to sign payrolls, please fill in "No One" in this space.)

STATEMENT OF NONCOMPLIANCE

If the equal employment opportunity hearing committee determines that a contractor, subcontractor/leased operator of equipment or bidder is not in compliance with this chapter, (also known as Chapter 11, Article III the City of Rockford Equal Opportunity Employment Ordinance), the hearing committee shall issue and serve upon such person a written statement of noncompliance setting forth the manner in which it finds such person has violated this chapter, and imposing and/or requiring appropriate sanctions, including, but not limited to any and/or all of the following:

- a. Denying, suspending or revoking qualifications, or declaring the contractor or subcontractor irresponsible and ineligible for future contracts or subcontracts until such time as the contractor or subcontractor shall demonstrate to the equal employment opportunity hearing committee that it is in compliance;
- b. Withholding or delaying payment on the contractor or;
- c. Suspending, avoiding or canceling contract work.

CERTIFICATION OF NON-SEGREGATED FACILITIES

The bidder certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid.

The bidder agrees that (except where he/she has obtained identical certification from proposed subcontractors/leased operators of equipment for specific time periods) he/she will obtain identical certification from proposed subcontractors/leased operators of equipment from the provisions of the Equal Opportunity clause, and that he/she will retain such certification in his/her files.

CERTIFICATE OF NON-BARRED BIDDING

The undersigned certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid rigging or bid rotating. The undersigned also certifies that current or prospective employees, contractors, and subcontractors/leased operators of equipment are not listed as Excluded Individuals/Entities with the US Government, as maintained by the US General Services Administration.

By signing below, the firm agrees that all information provided in the previous pages is accurate, and that if the firm below does not currently have a Department of Human Rights number they will apply for one within thirty days with the State of Illinois.

Authorized Signature

Title

Firm

Our firm is a:

Minority Business Enterprise _____

Women Business Enterprise _____

Neither _____

City-Certified? Yes _____ No _____

City Certified? Yes _____ No _____

(Revised 12/21/09)

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person ▶	Date ▶
------------------	----------------------------	--------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

Note. If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States:

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Publication 515, Withholding of Tax on Nonresident Aliens and Foreign Entities).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items:

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 28% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the Part II instructions on page 3 for details),

3. The IRS tells the requester that you furnished an incorrect TIN,

4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or

5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code* on page 3 and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships* above.

What is FATCA reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code* on page 3 and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account, list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note. ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C Corporation, or S Corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box in line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box in line 3.

Limited Liability Company (LLC). If the name on line 1 is an LLC treated as a partnership for U.S. federal tax purposes, check the "Limited Liability Company" box and enter "P" in the space provided. If the LLC has filed Form 8832 or 2553 to be taxed as a corporation, check the "Limited Liability Company" box and in the space provided enter "C" for C corporation or "S" for S corporation. If it is a single-member LLC that is a disregarded entity, do not check the "Limited Liability Company" box; instead check the first box in line 3 "Individual/sole proprietor or single-member LLC."

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space in line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note. You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN. However, the IRS prefers that you use your SSN.

If you are a single-member LLC that is disregarded as an entity separate from its owner (see *Limited Liability Company (LLC)* on this page), enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note. See the chart on page 4 for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.ssa.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/businesses and clicking on Employer Identification Number (EIN) under Starting a Business. You can get Forms W-7 and SS-4 from the IRS by visiting IRS.gov or by calling 1-800-TAX-FORM (1-800-829-3676).

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note. Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if items 1, 4, or 5 below indicate otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code* earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4. a. The usual revocable savings trust (grantor is also trustee) b. So-called trust account that is not a legal or valid trust under state law	The grantor-trustee ¹ The actual owner ¹
5. Sole proprietorship or disregarded entity owned by an individual	The owner ³
6. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴
For this type of account:	Give name and EIN of:
7. Disregarded entity not owned by an individual	The owner
8. A valid trust, estate, or pension trust	Legal entity ⁴
9. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
10. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
11. Partnership or multi-member LLC	The partnership
12. A broker or registered nominee	The broker or nominee
13. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
14. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships* on page 2.

*Note. Grantor also must provide a Form W-9 to trustee of trust.
Note. If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records from Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Publication 4535, Identity Theft Prevention and Victim Assistance.

Victims of identity theft who are experiencing economic harm or a system problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at: spam@uce.gov or contact them at www.ftc.gov/idtheft or 1-877-IDTHEFT (1-877-438-4338).

Visit IRS.gov to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

Insurance Requirements. Upon execution of the contract, and prior to the vendor commencing any work or services with regard to the project, the vendor shall carry commercial general liability insurance, umbrella liability insurance, and automobile liability insurance on ISO form CG 00 01 10 01 (or a substitute form providing equivalent coverage) and the vendor shall provide the City with a Certificate of Insurance and Additional Insured Endorsement on ISO form CG 20 10 11 85 (or substitute form providing equivalent coverage) or on the combination of ISO forms CG 20 10 10 01 and CG 20 37 10 01 (or substitute forms providing equivalent coverage) naming the City as Additional Insured thereunder. Additional insured coverage shall apply as primary insurance and be noncontributory with respect to any other insurance afforded to the City. All coverage shall be placed with an insurance company duly admitted in the State of Illinois and shall be reasonably acceptable to the City. All vendor insurance carriers must maintain an A.M. Best rating of "A-" or better. Coverage shall be afforded to the additional insured whether or not a claim is in litigation.

The insurance coverage required above shall be of sufficient type, scope and duration to ensure coverage for the City for liability related to any manifestation date within the applicable statutes of limitation and/or repose which pertain to any work performed by or on behalf of the City in relation to the contract. The following insurance requirements shall apply to the successful firm for the duration of the contract unless explicitly waived by the Central Services Manager:

- ❖ Commercial General Liability. The coverage available to the City, as Additional Insured, shall not be less than \$1 million each occurrence, \$2 million general aggregate (subject to a per project general aggregate provision applicable to the project), \$2 million products/completed operations aggregate and \$1 million personal and advertising injury limits. Such insurance shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).
- ❖ Umbrella Liability. The coverage available to the City, as Additional Insured, shall not be less than \$2 million each occurrence, \$2 million general aggregate. Such insurance shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal and advertising injury, and liability assumed under an insured contract (including the tort liability of another assumed in a business contract).
- ❖ Automobile Coverage. The coverage available to the City, as Additional Insured, shall include comprehensive automobile bodily injury and property damage liability coverage for a minimum amount of \$1 million each occurrence, \$2 million general aggregate
- ❖ Workers Compensation. Contractor shall maintain during the life of this contract statutory workmen's compensation and employer's liability insurance for all his employees engaged in work on the job site.
- ❖ Pollution Liability. The coverage available to the City, as Additional Insured, shall not be less than \$1 million each occurrence, \$2 million general aggregate (subject to a per project general aggregate provision applicable to the project).
- ❖ Insurance Certificates. Each Certificate of insurance shall provide that the insurer must give the City at least 30 days' prior written notice of cancellation and termination of the City's coverage thereunder. Not less than two weeks prior to the expiration, cancellation or termination of any such policy, the vendor shall supply the City with a new and replacement Certificate of Insurance and Additional Insured endorsement as proof of renewal of said original policy. Said new and replacement endorsements shall be similarly endorsed in favor of the City as set forth above. All subcontractors to be utilized by the Contractor shall provide Ownership with a Certificate of Insurance naming City of Rockford as additional insured prior to commencement of work by said subcontractor.

PROCUREMENT SPECIFICATIONS

REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS:

PHASE 1 – RESIDUALS CHARACTERIZATION

May 10, 2016

Prepared for:

**CITY OF ROCKFORD, ILLINOIS
425 EAST STATE STREET
ROCKFORD, ILLINOIS**

Prepared by:



**MWH Americas, Inc.
350 N. Orleans Street, Suite 1301
Chicago, IL 60654**

**BID FORM AND SCHEDULE
REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS:
PHASE 1 – RESIDUALS CHARACTERIZATION**

City of Rockford, Illinois

The attached represents the Proposal of _____ (hereinafter called "BIDDER"), organized and existing under the laws of the State of _____ doing business as a _____ (corporation, partnership, or individual) to the City of Rockford, Illinois (hereinafter called "CITY").

BIDDER has investigated the conditions affecting the cost of the proposed assessment and characterization of residual solids contained in five backwash tanks and understanding the requirements set forth in the Technical Specifications, hereby proposes to provide and furnish all labor, materials, necessary tools, equipment, and all utility, transportation, and disposal services to perform and complete, in a workmanlike manner, all the work required by said Technical Specifications, including any and all addenda now on file at the City of Rockford, Illinois at the prices stated below.

BIDDER hereby agrees to commence work under this Contract on or before a date to be specified in the Notice to Proceed and to complete the project in accordance with the schedule following:

- Final Completion – Phase 1 as defined in Section 2, Item 2 of the Technical Specifications shall be completed within 100 days from the date of the Notice to Proceed for Phase 1 of the project.

BIDDER has given CITY written notice of all conflicts, errors, or discrepancies that it has discovered in the Bidding Documents and the written resolution thereof by CITY is acceptable to BIDDER.

BIDDER acknowledges receipt of the following ADDENDA:

Number: _____	Date: _____
Number: _____	Date: _____
Number: _____	Date: _____

Attachment A (page 2 of 3)

**BID FORM AND SCHEDULE
REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS:
PHASE 1 – RESIDUALS CHARACTERIZATION**

BIDDER agrees to complete all work described in the Bidding Documents and itemized in the attached BID SCHEDULE for the TOTAL PRICE of:

_____ Dollars
(in writing)

and _____ Cents
(in writing)

_____ Dollars and _____ Cents
(in figures) (in figures)

at the unit prices given in the BID SCHEDULE.

The quantities shown in the BID SCHEDULE for individual pay items are estimates and may change based on project requirements during the course of the work. No change will be allowed in unit prices provided for individual pay items unless the actual quantity of a specific item is determined to be less than 50% of the estimated amount or more than 200% of the estimated amount. Should the CONTRACTOR determine that the actual quantities of any item will be outside of this range, CONTRACTOR shall notify the CITY prior to undertaking the work so that an appropriate adjustment in the contract unit price can be negotiated.

Respectfully submitted:

By: _____
(Signature)

(Title)

(Date)

Business Address: _____

Phone Number: _____

Attest: _____

**BID FORM AND SCHEDULE
REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS:
PHASE 1 – RESIDUALS CHARACTERIZATION**

City of Rockford, Illinois

Description	Estimated Quantity	Unit of Measure	Proposed Unit Price	Item Price
WORKPLAN APPROVAL – PHASE 1	1	Lump Sum	\$ _____	\$ _____
SITE INSPECTIONS/ MATERIAL CHARACTERIZATION – PHASE 1	1	Lump Sum	\$ _____	\$ _____
TOTAL PRICE PHASE 1 SERVICES			\$ _____	

**TECHNICAL SPECIFICATIONS
REMOVAL OF RESIDUAL SOLIDS FROM BACKWASH TANKS –
PHASE 1 – RESIDUALS CHARACTERIZATION**

City of Rockford, Illinois

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

The City of Rockford is seeking bids from qualified firms for the assessment and characterization of backwash residuals and incidental water from underground backwash tanks at five (5) of its groundwater treatment facilities. Testing performed in August and September of 2011 at three of the facilities indicated that the residuals in those backwash tanks contained elevated levels of radium, and would have to be handled and disposed of as low level radioactive waste (LLRW). It is anticipated that similar conditions exist at the two other treatment facilities where the residuals have not yet been tested. The City plans to proceed with removal, transport and disposal of residuals from the specified backwash tanks under a separate procurement in 2016.

Work associated with the removal and disposal of the residuals from the facilities will be performed in two phases. Phase 1 activities, which are the subject of this procurement, will involve the inspection of the backwash tanks at all sites, determination of the volume of residuals contained in each tank, and characterization of the residuals for the purpose of determining handling, transport, and disposal requirements. Phase 2 activities, which will be performed under a separate contract to be procured later in 2016, will involve the removal, transport, and disposal of backwash residuals from the five sites in Rockford. The final scope and schedule for Phase 2 activities will be defined based upon results from the Phase 1 work.

Bidders shall submit their proposals for providing the services described in this specification using the Bid Form and Schedule included as Attachment A.

The City of Rockford intends to select a single contractor to provide the Phase 1 services during 2016. However, the City retains the right to reject all proposals should the costs or conditions presented be determined to not be in the best interest of the City.

Overview: The City of Rockford recently completed the construction of water treatment facilities to remove radium from groundwater at a total of 5 well sites (U10, U29, U30, U36, and U43). The locations of these facilities are shown on Figure 1. The process installed for radium removal involves chemical addition and pressure filtration through proprietary media. The pressure filters are backwashed every 2-3 days as needed based on throughput, with the backwash water from the process being discharged to a closed storage reservoir (backwash tank) for temporary storage and subsequent pumping to the local sewer system at a controlled rate. Key characteristics of the facilities at each site are provided in Table 1. Drawings showing site plans, floor plans, and the configuration of the backwash tank at each site are provided for reference in Appendix 1.

Questions: All questions regarding these specifications should be directed to Carrie Eklund, Central Services Manager, at (779) 348-7467 or carrie eklund@rockfordil.gov.



Figure 1 - Rockford Water Treatment Facilities Location Map

Table 1
Facility Characteristics: Rockford Wells 10, 29, 30, 36, and 43

Well U10

Address: 4316 Newburg Road, Rockford, IL 61108

Rated Treatment Capacity:	1500 gallons/minute
Backwash Tank Location:	Beneath Treatment Building
Backwash Tank Dimensions (L x W x H _{max}):	48'10" x 28'8" x 12'0"
Approximate Backwash Tank Volume:	100,000 gallons

Reference Drawings: Well U10 Treatment Facility Addition (McMahon, February 2010 – Record Drawings, June 2012) Sheets A3, A7, A8, A11, S2, S6, S7, S10, S11,

Well U29

Address: 4750 Pepper Road, Rockford, IL 61114

Rated Treatment Capacity:	1600 gallons/minute
Backwash Tank Location:	Beneath Treatment Building
Backwash Tank Dimensions (L x W x H _{max}):	60'8" x 22'2" x 15'0"
Approximate Backwash Tank Volume:	118,000 gallons

Reference Drawings: Water Treatment Improvements – Group 2, Well Nos. 29, 30, and 43 (Strand, June 2008 – Record Drawings, July 2010),
Sheets 7, 9, 12, 13

Well U30

Address: 3725 Trainer Road, Rockford, IL 61114

Rated Treatment Capacity:	1400 gallons/minute
Backwash Tank Location:	Beneath Treatment/Pump Room
Backwash Tank Dimensions (L x W x H _{max}):	26' x 38' x 14' and 9' x 24.5' x 14'
Approximate Backwash Tank Volume:	95,000 gallons

Reference Drawings: Water Treatment Improvements – Group 2, Well Nos. 29, 30, and 43 (Strand, June 2008 – Record Drawings, July 2010),
Sheets 37, 38, 39, 42, 43

Table 1 (continued)
Facility Characteristics: Rockford Wells 10, 29, 30, 36, and 43

Well U36

Address: 4141 Samuelson Road, Rockford, IL 61109

Rated Treatment Capacity:	1200 gallons/minute
Backwash Tank Location:	Beneath Treatment Building
Backwash Tank Dimensions (L x W x H _{max}):	37'0" x 23'8" x 12'0"
Approximate Backwash Tank Volume:	72,000 gallons

Reference Drawings: Water Treatment Improvements – Group 4, Well No. 36 (Strand, July 2009 – Record Drawings January 2012), Sheets 112, 114, 117

Well U43

Address: 3447 Publishers Drive, Rockford, IL 61109

Rated Treatment Capacity:	2000 gallons/minute
Backwash Tank Location:	Northwest of Treatment Building
Backwash Tank Dimensions (L x W x H _{max}):	39'6" x 39'6" x 13'0"
Approximate Backwash Tank Volume:	114,000 gallons

Reference Drawings: Water Treatment Improvements – Group 2, Well Nos. 29, 30, and 43 (Strand, June 2008 – Record Drawings, July 2010), Sheets 64, 75

Material: Recent investigations have determined that residuals that accumulate in the backwash storage tanks over time can contain levels of radium which require special handling under 32 Illinois Administrative Code 330.40(d). These residuals can be classified as Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM). Under 32 IAC 330.40(d) water utilities are exempt from certain requirements related to licensing and reporting for disposal of TENORM if the concentration of radium in the residual stream remains less than or equal to 200 picocuries/gram (pCi/g) on a dry weight basis. However, tests at three (3) of the City of Rockford's well sites have found radium levels above the 200 pCi/g threshold as shown in Table 2. As a result, these residuals must be managed and disposed offsite as a low level radioactive waste (LLRW) in accordance with Illinois Emergency Management Agency (IEMA) requirements and 10 Code of Federal Regulations (CFR), Part 20, including, but not limited to 10 CFR 20, Appendix G, *Requirements for Transfers of Low-Level Radioactive Waste Intended for Disposal at Licensed Land Disposal Facilities and Manifests*.

**Table 2
Backwash Tank Residuals – Radium Concentrations, City of Rockford, Illinois**

Well Site	Date Sampled	Radium Concentration – Backwash Tank (pCi/g)
U10	Not sampled	N/A
U29	8/3/2011	2301.6
U30	9/16/2011	2970.4
U36	Not sampled	N/A
U43	9/16/2011	506.8

The volume of residual solids to be removed from each backwash tank has not been determined. Determination of the actual quantity of residuals to be removed from each tank and characterization of the material for handling, transport, and disposal are included in the services to be provided under this Phase 1 contract.

1.2 ABBREVIATIONS/DEFINITIONS

- DOT – United States Department of Transportation
- EEOC – Equal Employment Opportunity Commission
- IDOL – Illinois Department of Labor
- IEMA – Illinois Emergency Management Agency
- IEPA – Illinois Environmental Protection Agency
- LLRW - Low Level Radioactive Waste
- NRC – United States Nuclear Regulatory Commission
- OSHA – Occupational Health and Safety Administration
- RRWRD – Rock River Water Reclamation District
- TENORM - Technically Enhanced Naturally Occurring Radioactive Materials

1.3 CONTRACTOR QUALIFICATIONS

All Bidders on this project must be licensed to perform the specified activities, and be able to demonstrate that they have been providing services similar to those required in this specification for a period of not less than 3 years. Bidders must also demonstrate that they are qualified and prepared to comply with regulatory requirements of the Illinois Emergency Management Agency including, but not limited to, 32 IAC Parts 330, 340 and 609. Bidders must include in their submittal a completed copy of Attachment B – Summary of Prior Performance and References listing descriptive and contact information for three prior examples of similar assignments that they have completed within the last 3 years. All subcontractors that will perform services related to this scope of work shall be listed in the Subcontractor/Leased Operator of Equipment Detail Form.

1.4 REGULATORY REQUIREMENTS

Firms submitting a bid for this project and any proposed subcontractors must be properly licensed to handle radiological material. Any firm submitting a bid for this scope of work must be licensed to perform these services. Bidders licensed by the NRC or an Agreement State other than Illinois must acquire a reciprocity license from the State of Illinois prior to the commencement of activities.

The successful bidder must comply with all applicable laws, regulations, and rules promulgated by any Federal, State, County, Municipal and/or other governmental unit or regulatory body now in effect or which may be in effect during the performance of the work. Included within the scope of the laws, regulations, and rules referred to in this paragraph, but in no way to operate as a limitation, are the Occupational Safety & Health Act (OSHA), Illinois Department of Labor (IDOL), United States Department of Transportation (DOT), all forms of traffic regulations, public utility, Intrastate and Interstate Commerce Commission regulations, Workers' Compensation Laws, Prevailing Wage Laws, the Social Security Act of the Federal Government and any of its title, the Department of Human Rights, Human Rights Commission, or Equal Employment Opportunity Commission (EEOC) statutory provisions and rules and regulations.

1.5 HEALTH AND SAFETY REQUIREMENTS

Any firm submitting a proposal for this work must be properly licensed and qualified to handle radiological material in accordance with established health and safety requirements. The backwash tanks are enclosed areas and considered a confined space. There are limited means of safe entry and exit for each backwash tank. The Bidder will be required to provide to the City of Rockford a current record of confined space training for any personnel proposed to enter the tanks and a copy of company policy on confined space entry prior to mobilization to the well sites.

1.6 BIDDER SUBMITTALS

Each Bidder must submit with its proposal the following items:

- Completed Bid Form and Schedule (Attachment A)
- Summary of Prior Performance and References (Attachment B)
- Copy of radioactive material license authorizing the services to be performed and a copy of the license or permit of the disposal facility;

- Corporate Health & Safety Plan with OSHA recordable statistics last three (3) years;
- A copy of insurance certificates documenting the Bidder's compliance with the City of Rockford's insurance requirements;
- Narrative technical approach for assessment and characterization of the backwash residuals.

1.7 SUBCONTRACTORS

It shall be the responsibility of the Contractor to ensure full cooperation among the subcontractors doing work on the project.

All subcontractors to be utilized by the Contractor shall provide the City with a Project Specific Certificate of Insurance naming the City of Rockford and its consultants as additional insured parties prior to commencement of work by said subcontractor.

1.8 CONTROL OF WORK AND OWNER OBSERVATION

No work shall be done by the Contractor until a pre-mobilization meeting has been held and until a 48 hour notice has been provided to the City's Project Manager.

Contractor shall notify the City of Rockford a minimum of 24 hours in advance of the mobilization of Contractor equipment or personnel to any of the City's well sites. City representatives may not be on site continuously to monitor all Contractor activities. However, City representatives must review and approve measurements for all pay items. No payment for individual pay items will be made without prior approval of the City's representative.

City representatives shall only be available between 7:30 am and 3:30 pm on weekdays. Inspectors will not be available on Saturdays, Sundays and official City of Rockford holidays. Except for work required to maintain warning lights, barricades and other safety/health-related systems no work shall be performed on Saturdays, Sundays, legal holidays, or between 3:30 p.m. and 7:30 a.m. on other days without specific permission of the City of Rockford. Additionally, no work will be allowed in certain areas of the project on days as specified by the City of Rockford.

Owner will provide services as needed for construction observation/inspection between the hours of 7:30 a.m. and 3:30 p.m., Monday through Friday, except for official City of Rockford holidays. Should the Contractor work outside these hours whether by his choice or in response to an emergency situation, Contractor shall pay for excess observation time at a rate of \$100.00 per hour per inspector for the number of construction observation/inspection hours expended by the Owner's designated representatives. The applicability of this excess engineering cost shall be determined on the basis of the representative's work hours expended in each individual day and shall not be predicated upon Contractor's work hours on preceding days or the Contractor's proposed schedule for completing the Project. Moneys due the Owner for excess engineering shall be deducted from the project's final application for payment.

1.9 FAILURE TO COMPLETE WORK ON TIME

The Schedule of Deductions for Each Day of Overrun in Contract Time shall be as follows:

Schedule of Deductions for Each Day of Overrun in Contract Time

<u>Daily Charge</u>	<u>Work Days</u>	<u>Calendar Days</u>
\$500	1 through 7	1 through 7
\$700	8 through 14	8 through 14
\$1,000	15 and greater	15 and greater

1.10 SCHEDULING OF WORK

Contractor shall abide by the City of Rockford Construction Noise Ordinance (Sec. 17-6) for all work. In certain areas (some commercial and/or industrial areas), the Contractor may be required to work outside of these hours. The City may waive specific requirements of the City of Rockford Construction Noise Ordinance on an individual case basis.

Contractor acknowledges that alterations to the project sequencing and schedule may be required for coordination with any third-party utilities. Contractor shall be responsible for any necessary coordination with utility companies. Any delay to the contract caused directly or indirectly by third party utilities shall not be cause for adjustment to the contract sum.

Contractor shall be responsible for providing updated project schedules in the provided format to be submitted each Tuesday by the end of business hours. Schedules shall be completed electronically using the format provided. Schedules shall be completed to the quality and satisfaction of project ownership.

PART 2 - TECHNICAL REQUIREMENTS

Item 0 MOBILIZATION

Contractor acknowledges that the nature of this project requires varying scopes of work. As such, no additional payment will be made for mobilization for any additions or deletions or changes in scope of work.

There shall be no mobilization payments made on this Project.

Item 1 WORKPLAN APPROVAL

Upon receipt of Notice-to-Proceed from the City of Rockford, the Contractor shall prepare and submit to the City the following documents.

- Project-specific Health and Safety Plan (HASP) for all services associated with the assessment and characterization of the backwash residual material from the five well sites in Rockford. The HASP must identify the individual who will serve as the Contractor's on-site Health and Safety Officer throughout the process of characterizing residual material in the backwash tanks.
- Proposed daily schedule summarizing activities to be performed from the time Contractor mobilizes to the first well site to the time that the Contractor demobilizes from the fifth well site. Schedule must be approved by the City of Rockford.
- Name, address, and contact information for the laboratory that will be used to perform testing of the residual solids materials.
- Documentation of reciprocity if contractor is licensed by the NRC or Agreement State Program other than IEMA.

The Contractor shall not mobilize any equipment or personnel to the City of Rockford's well sites until all of the required submittals have been approved by the City.

Basis for Payment - Costs associated with completion of the required submittals shall be included in the lump sum contract cost for WORKPLAN APPROVAL. No partial payment will be made for these costs.

Item 2 SITE INSPECTIONS/MATERIAL CHARACTERIZATION

a. Site Inspection – Upon receipt of authorization from the City, the Contractor shall mobilize to the respective well site(s) for the purpose of inspecting conditions and characterizing the residual material in the backwash tanks. The Contractor shall review conditions that could impact the assessment and characterization of residuals from the backwash tanks and provide the City with a written summary of any actions required to be undertaken by the City prior to the start of the assessment/characterization process.

b. Volume Determination – At each site, Contractor shall perform investigations required to determine the volume of residual solids contained in the backwash tank after the City has pumped free water from the tank to the sanitary sewer system in accordance with its discharge permit. The volume determination shall be based upon a minimum of six measurements of the depth of solids taken at representative locations

within the tank and performed to provide a volume estimate accurate to the nearest cubic foot. A copy of the measurement data and volume calculations for each site shall be provided to the City for review.

c. Sampling and Characterization – At each site, Contractor shall take a representative sample of the residual materials and any free water in the backwash tank and submit the samples to an approved laboratory for analysis as outlined in IEMA's *Implementation Guidance for 32 Illinois Administrative Code 330.40(d)* (May 2011). Samples shall be a composite created from sampling of material from at least four locations within each backwash tank. Analytical tests to be performed on the residuals shall be those required for characterization and acceptance of the waste by potential waste disposal facilities identified by the City and listed below. Contractor shall be responsible for contacting each of the potential disposal facilities to confirm their current requirements for waste characterization.

- EnergySolutions, Clive, Utah
299 South Main Street, Suite #1700
Salt Lake City, UT 84111
801-649-2000
- U.S. Ecology
1777 Terminal Drive, Suite A
Richland, WA 99354
509-377-2411
- Waste Control Specialists (WCS)
9998 West State Hwy 176
Andrews, TX 79714
888-789-2783

d. Control of Water – Once the City has dewatered the backwash tank at each site, Contractor is responsible for the proper management, treatment, and disposal of any additional water removed from the backwash tanks in conjunction with the determination of the residual solids volume or characterization of the residual solids. Prior to the discharge of any water from a backwash tank to the RRWRD sanitary sewer system, Contractor must submit a plan describing, receive approval for, and implement measures to achieve concentrations below 600 pCi/l for both radium-226 and radium-228 in accordance with the Clean Water Act, 33 USC 1251 to 1387. The proposed discharge plan and schedule must be provided to and approved by the City of Rockford and the Rock River Water Reclamation District prior to any such discharge.

e. Assessment and Characterization Report – Contractor shall submit to the City a written report summarizing the results of the inspection and materials characterization task. The report shall contain:

- Estimate of the volume of residual materials in the backwash tank at each location, including documentation of measurements and calculations,
- Documentation of waste characterization requirements for each of the identified disposal site,

- Summary of waste characterization analysis for each site with copies of analytical laboratory reports included as an appendix.

Contractor shall submit to the City five (5) printed copies and one electronic copy (pdf format) of the Assessment and Characterization Report to the City.

e. Basis for Payment - Costs associated with the site inspections and sampling and characterization of the residual materials shall be included in the lump sum contract cost for SITE INSPECTIONS/MATERIAL CHARACTERIZATION.

COMPLETION OF SERVICES

Phase 1 Services performed under this Contract shall be considered complete once the City has accepted the Assessment and Characterization Report prepared by Contractor.

APPENDIX 1
REFERENCE DRAWINGS

Well U10



These drawings were prepared by the engineer and checked by the drafter. The engineer is responsible for the accuracy of the drawings. The drafter is responsible for the accuracy of the reproduction of the drawings. The engineer's name and title shall be printed on these drawings. The drafter's name and title shall be printed on these drawings. The engineer's name and title shall be printed on these drawings. The drafter's name and title shall be printed on these drawings.

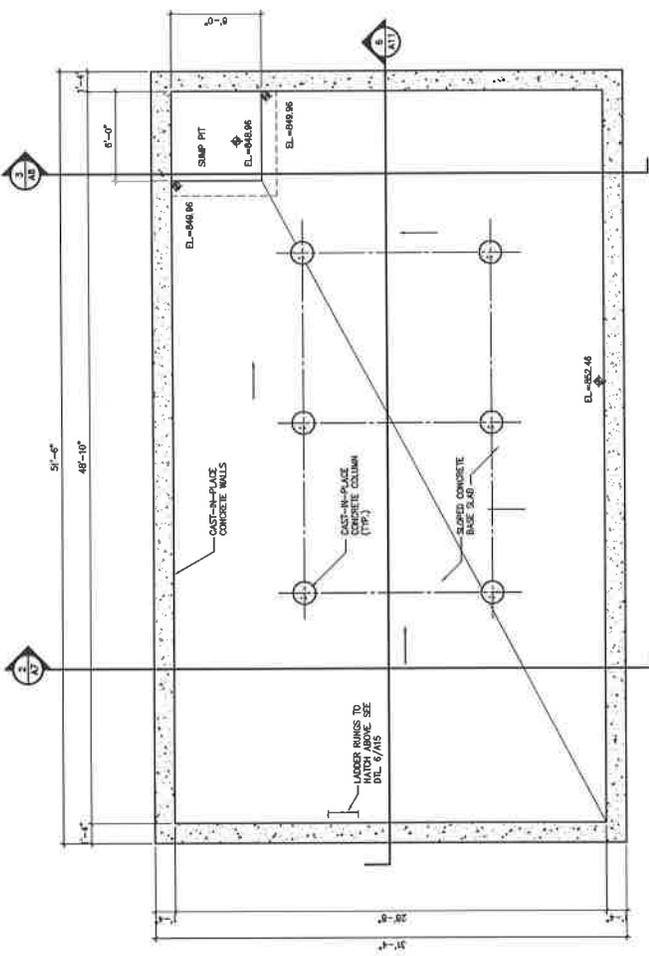
NO.	DATE	DESCRIPTION
1	1/2/10	ISSUED FOR BIDDING
2	8/20/13	RECORD DRAWINGS

**WELL U10 TREATMENT FACILITY ADDITION
 CITY OF ROCKFORD, ILLINOIS
 BACKWASH TANK PLAN**

DESIGNED	DATE	PK
DRAWN	DATE	PK
CHECKED	DATE	PK
PROJECT NO.	ROU-10074-02	
DRAWN BY	BLM	
CHECKED BY	DAY	
DATE	FEB. 26, 2010	
SHEET NO.	A3	

RECORD DRAWINGS
 DRAFTED BY: BLM
 CHECKED: DAY

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.



BACKWASH TANK PLAN
 SCALE: 1/4" = 1'-0"

WELL U10 TREATMENT FACILITY ADDITION
CITY OF ROCKFORD, ILLINOIS
BUILDING SECTION

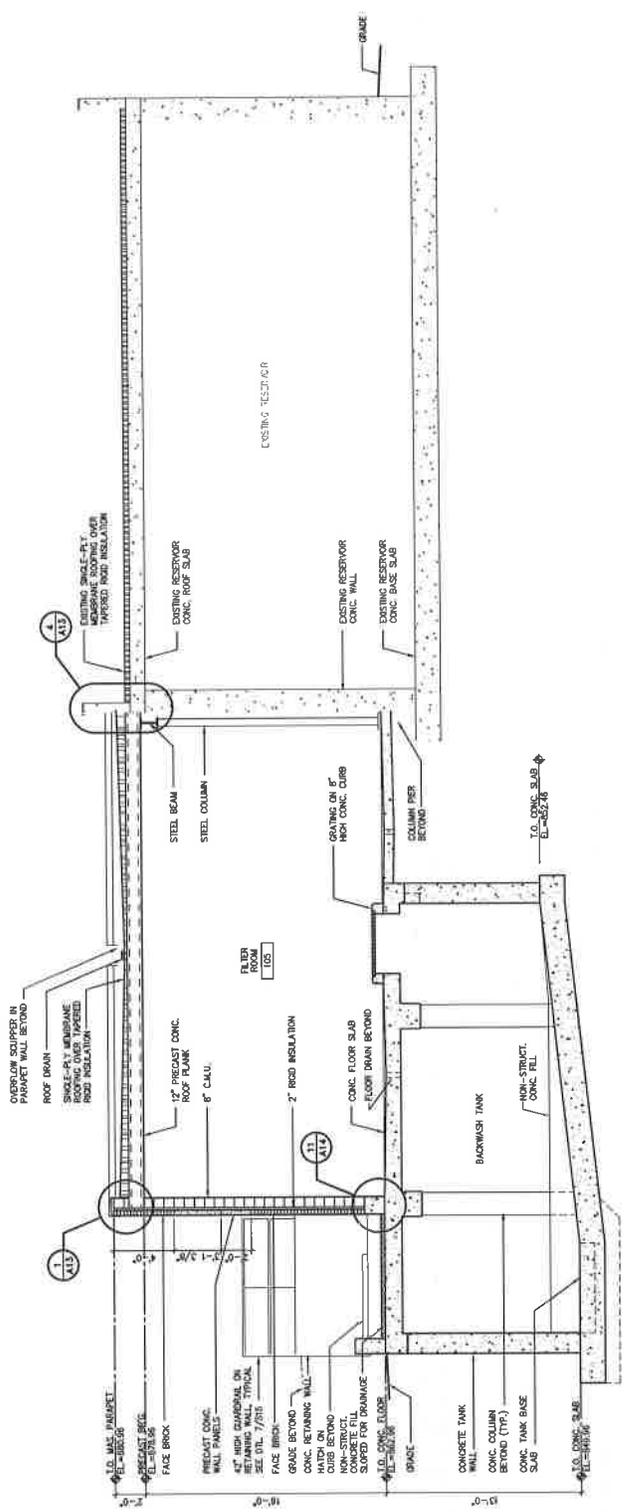
DATE	NO.	REVISION
1/27/16	1	RELEASED FOR BIDDING
6/20/15	2	RECORD DRAWINGS

McMAHON
ENGINEERS ARCHITECTS
1400 W. ROCKFORD STREET, SUITE 100
ROCKFORD, ILLINOIS 61102
TEL: (815) 398-1200 FAX: (815) 398-1214
www.mcmahon.com



RECORD DRAWINGS
DRAWN BY: RLM
CHECKED BY: DJV

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.



BUILDING SECTION
SCALE: 1/4" = 1'-0"

McMahon provides the design and construction documents for the project. The client is responsible for obtaining all necessary permits and approvals from the local, state, and federal authorities. The client is also responsible for providing all necessary information and data for the project. The client is also responsible for providing all necessary information and data for the project.

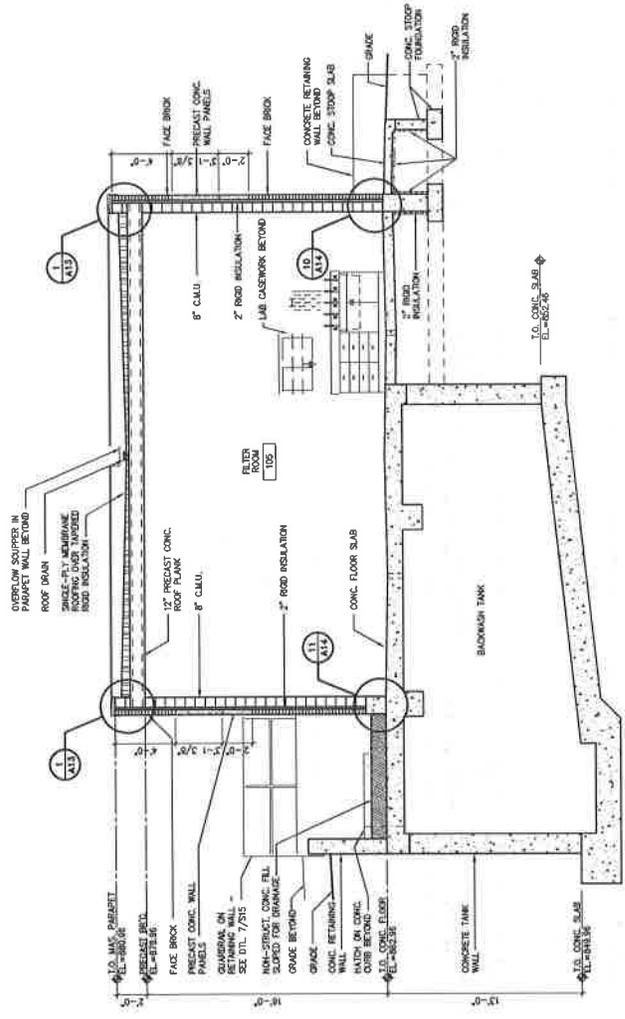
NO.	DATE	RELEASED FOR	RECORD
1	2/28/10	RELEASED FOR BIDDING	
2	6/22/12	RECORD DRAWINGS	

WELL U10 TREATMENT FACILITY ADDITION
 CITY OF ROCKFORD, ILLINOIS
 BUILDING SECTION

DESIGNED	FORN
DRAWN	FORN
CHECKED	FORN
DATE	FEB. 26, 2010
PROJECT NO.	10010-0000000000
SHEET NO.	A8

RECORD DRAWINGS
 DRAFTED BY: EJM
 CHECKED: DAV

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.



BUILDING SECTION
 SCALE: 1/4" = 1'-0"

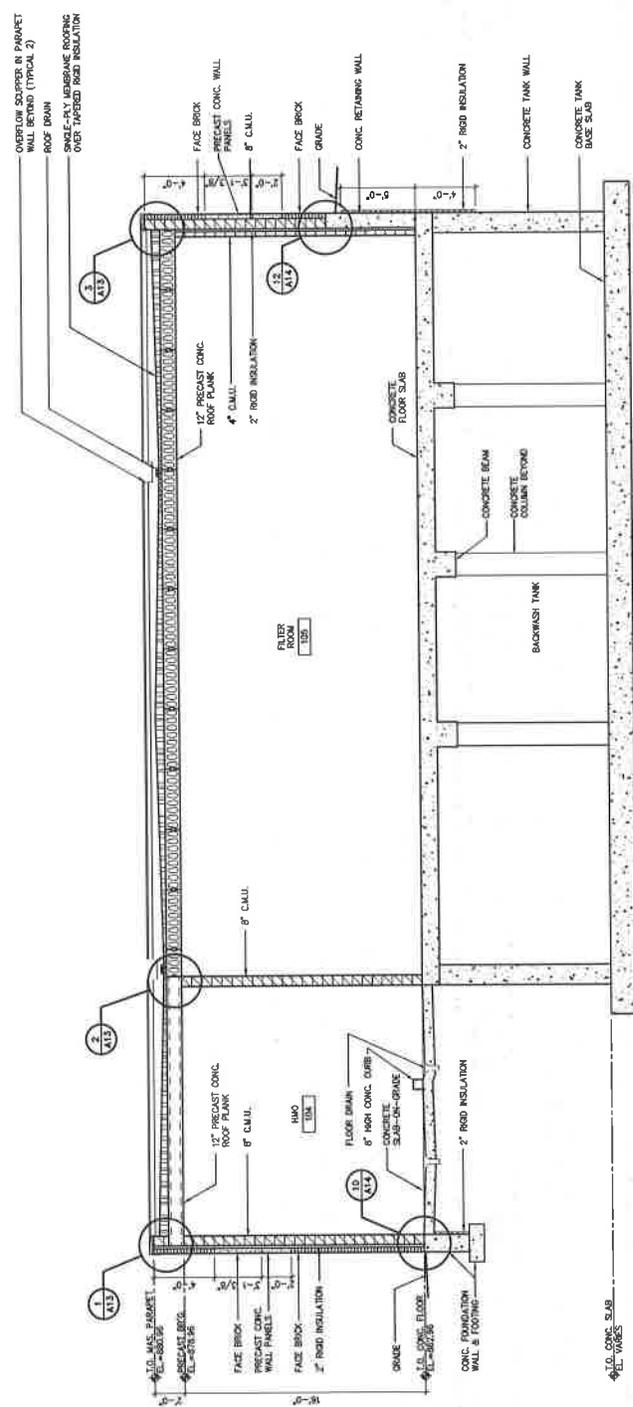
NO.	DATE	RELEASED FOR	REVISION
1	2/25/10	01/01	ISSUED FOR BIDDING
2	3/23/10		REVISION DRAWINGS

WELL U10 TREATMENT FACILITY ADDITION
CITY OF ROCKFORD, ILLINOIS
BUILDING SECTION

DESIGNED	ROOK
DRAWN	POK
CHECKED	POK
DATE	FEB. 26, 2010
SHEET NO.	A11

RECORD DRAWINGS
 DRAFTED BY: RLM
 CHECKED: DJV

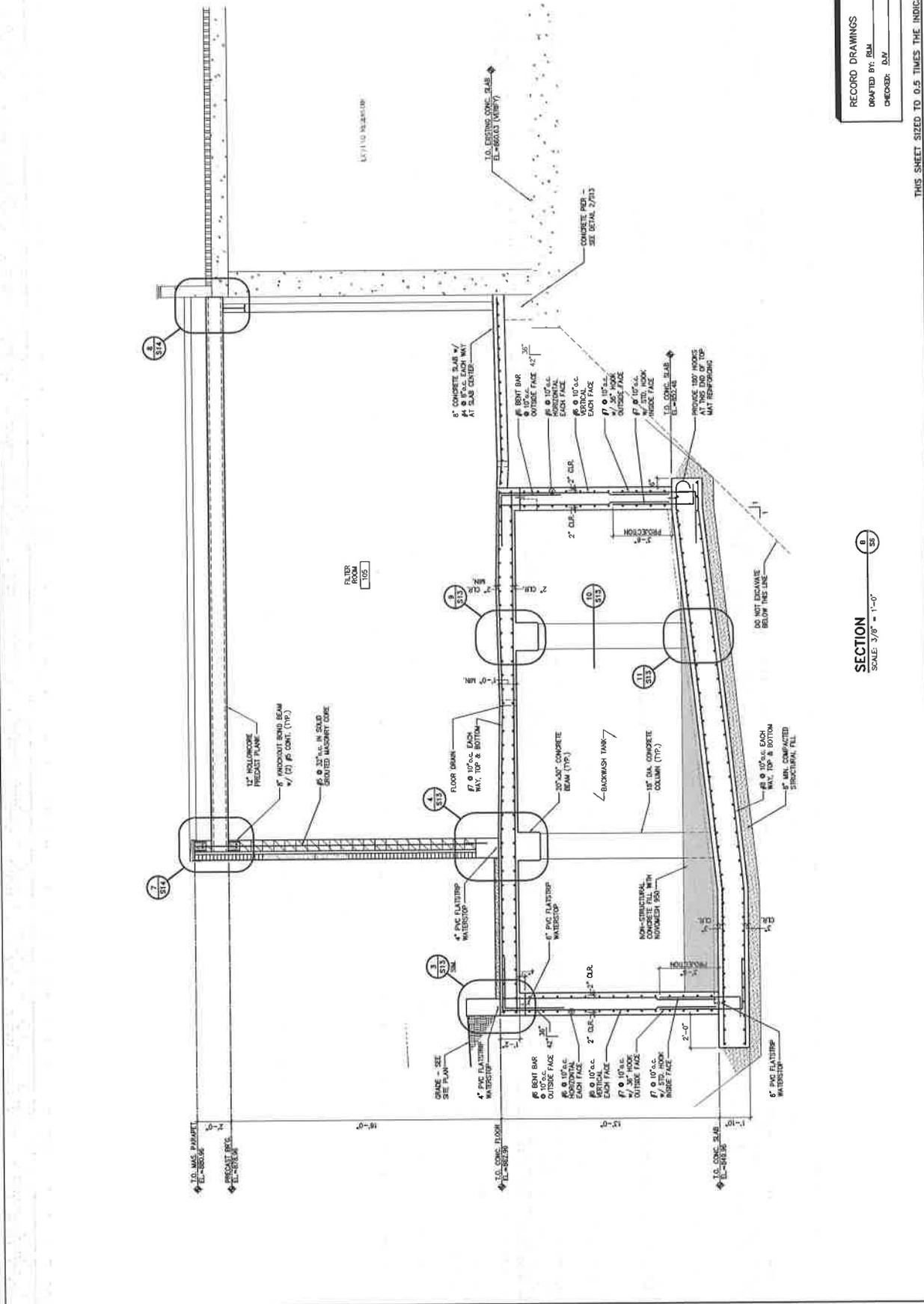
THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.



BUILDING SECTION
 SCALE: 1/4" = 1'-0"

RECORD DRAWINGS
 DRAFTED BY: RJM
 CHECKED: DJV

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.

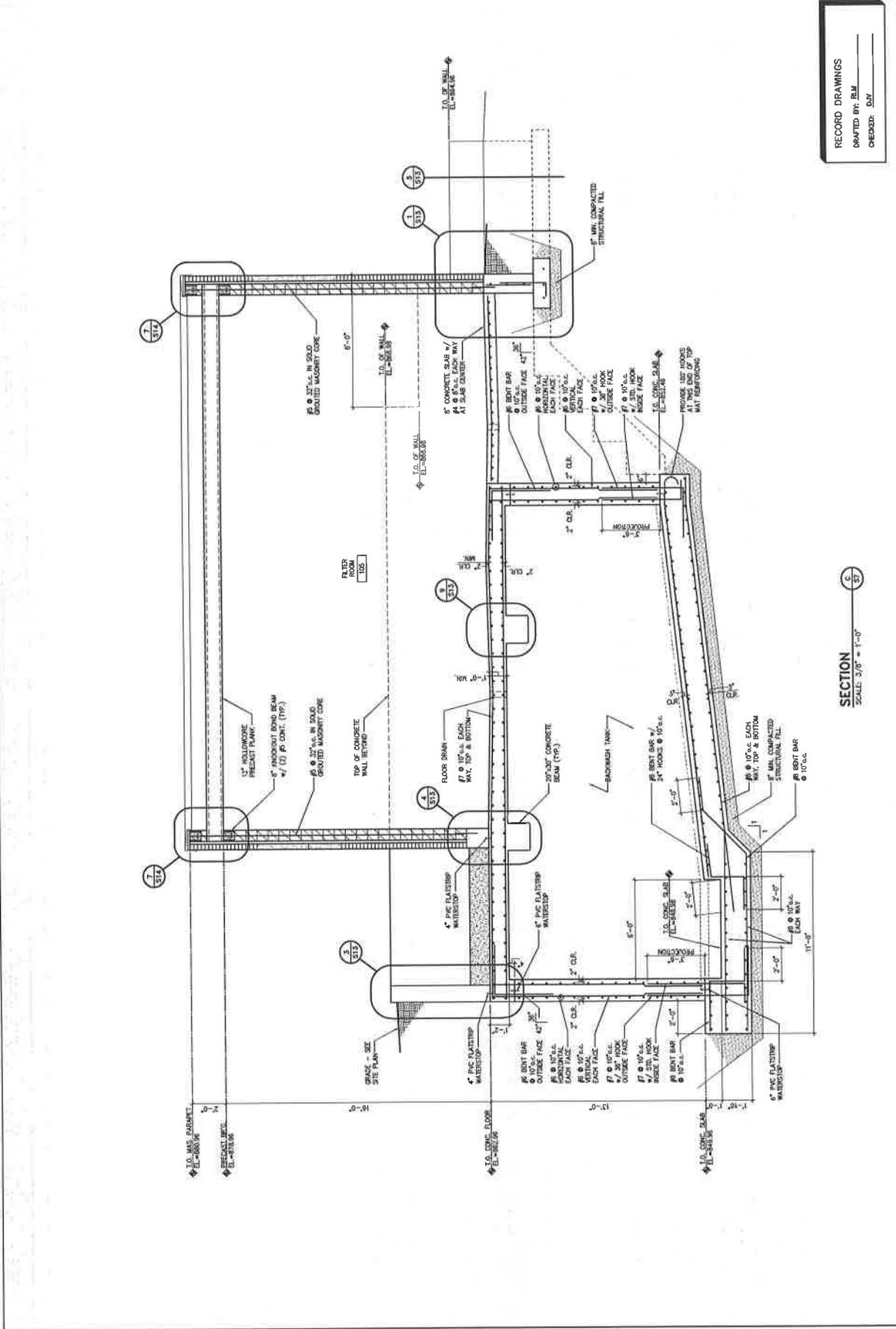


SECTION
 SCALE: 3/8" = 1'-0"

NO.	DATE	RELEASED FOR RECORD	BY
1	02/26/10	RELEASED FOR RECORD	BLM
2	02/20/10	RECORD DRAWINGS	BLM

WELL U10 TREATMENT FACILITY ADDITION
 CITY OF ROCKFORD, ILLINOIS
 STRUCTURAL SECTION

NO.	DATE	PROJECT NO.	NO. OF SHEETS
57	FEB. 24, 2010	100-000000	100



SECTION C
 SCALE: 3/8" = 1'-0"

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.



THIS DRAWING IS THE PROPERTY OF McMAHON ENGINEERS ARCHITECTS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF McMAHON ENGINEERS ARCHITECTS. ANY UNAUTHORIZED USE OF THIS DRAWING IS PROHIBITED AND WILL BE PROSECUTED TO THE FULL EXTENT OF THE LAW.

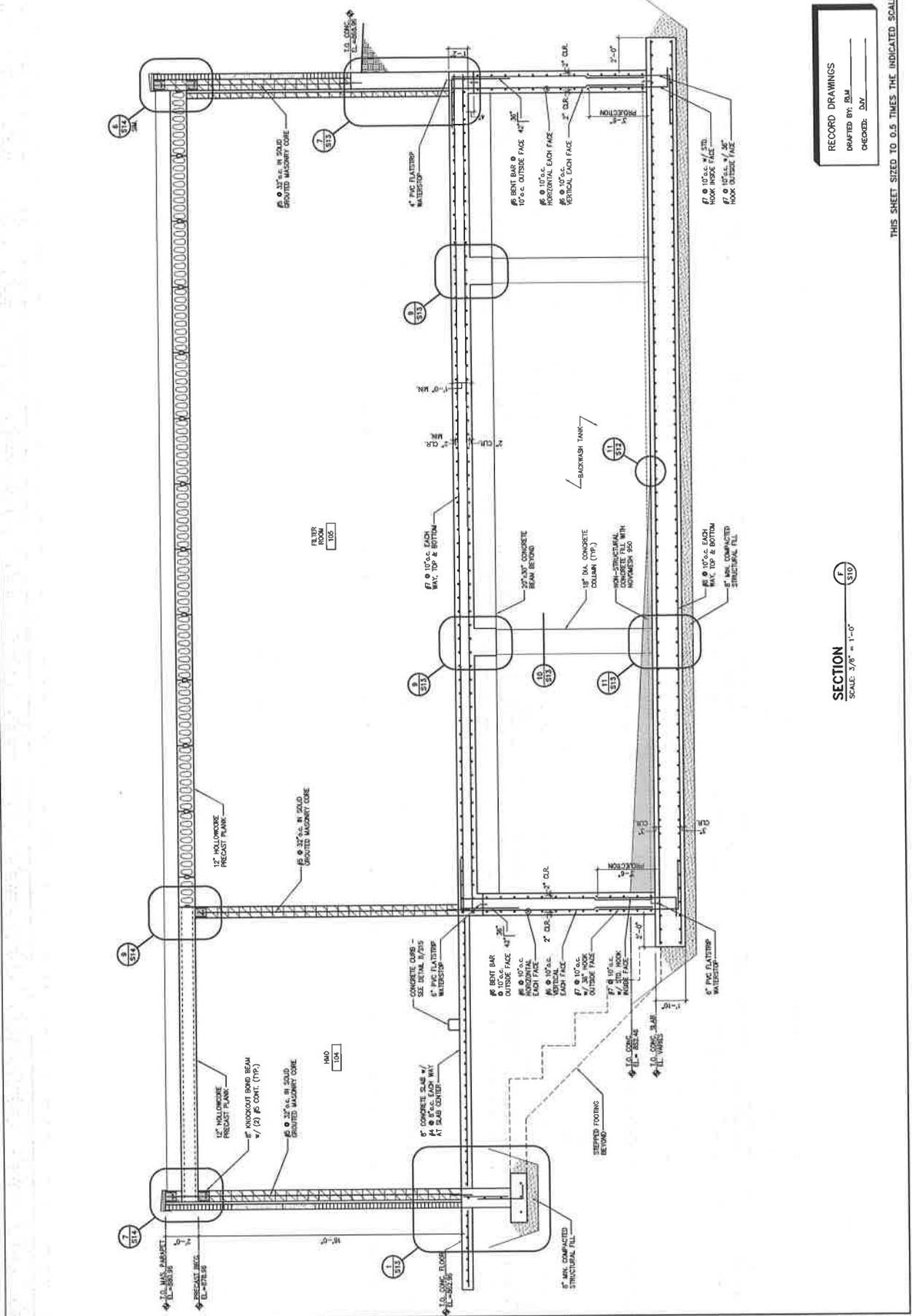
NO.	DATE	REVISIONS
1	1/22/10	RECORD DRAWING
2	8/20/13	RECORD DRAWING

**WELL U10 TREATMENT FACILITY ADDITION
 CITY OF ROCKFORD, ILLINOIS
 STRUCTURAL SECTION**

DESIGNED BY: SCD
 DRAWN BY: SCD
 PROJECT NO.: 001016-00784-02
 DATE: FEB. 26, 2010
 SHEET NO.: **S10**

RECORD DRAWINGS
 DRAFTED BY: RJM
 CHECKED BY: DJY

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.

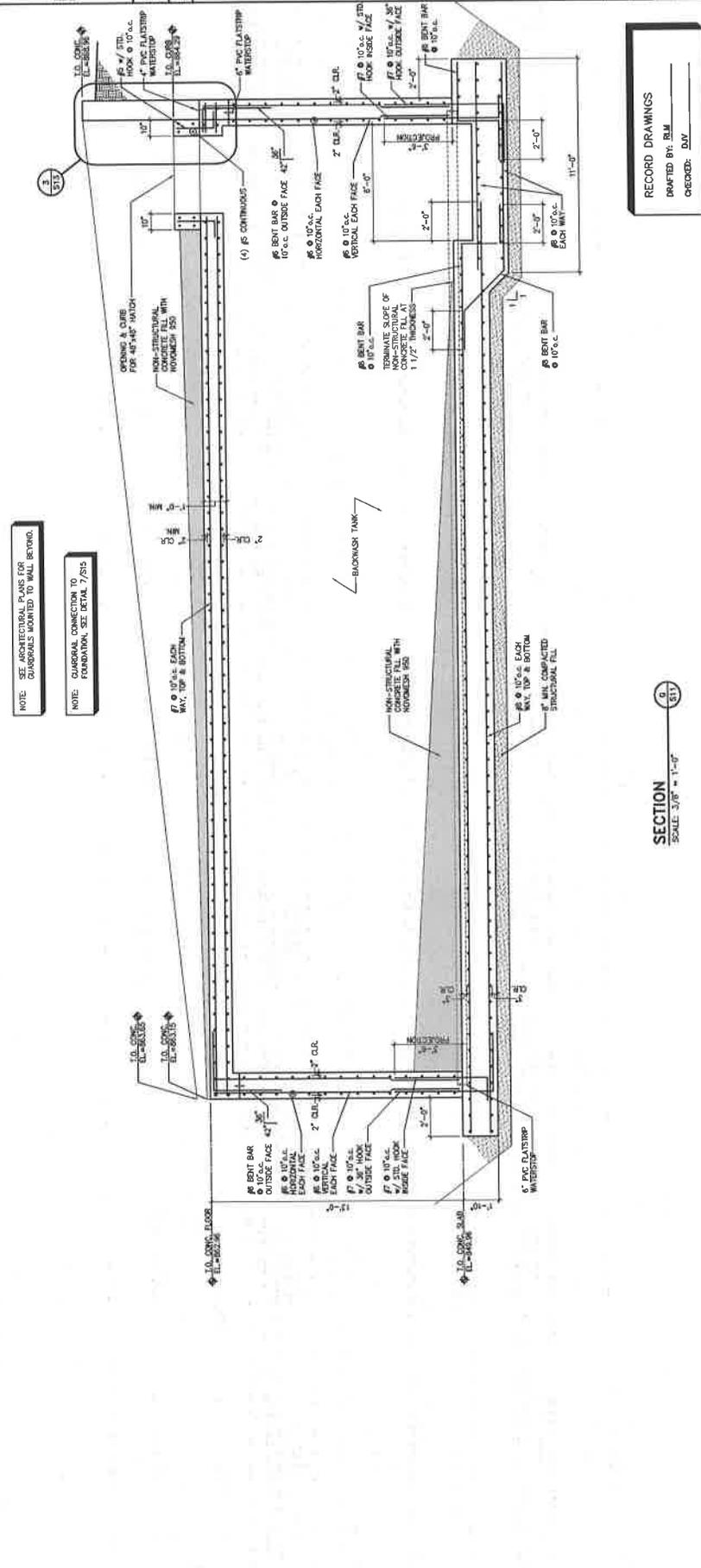


SECTION
 SCALE: 3/8" = 1'-0"
 S10

REV.	DATE	DESCRIPTION
2	8/20/12	RECORD DRAWING
1		RELEASED FOR BIDDING

**WELL U10 TREATMENT FACILITY ADDITION
 CITY OF ROCKFORD, ILLINOIS
 STRUCTURAL SECTION**

DATE	FEB. 26, 2010
PROJECT NO.	R0010-90079A-02
DRIVER	DAW
CHECKER	DAW
SHEET NO.	S11



NOTE: SEE ARCHITECTURAL PLANS FOR
 DIMENSIONS RELATED TO MAIN BEYOND.

NOTE: CLASSICAL CONNECTION TO
 FOUNDATION, SEE DETAIL 7/S15

RECORD DRAWINGS
 DRAFTED BY: DAW
 CHECKED: DAW

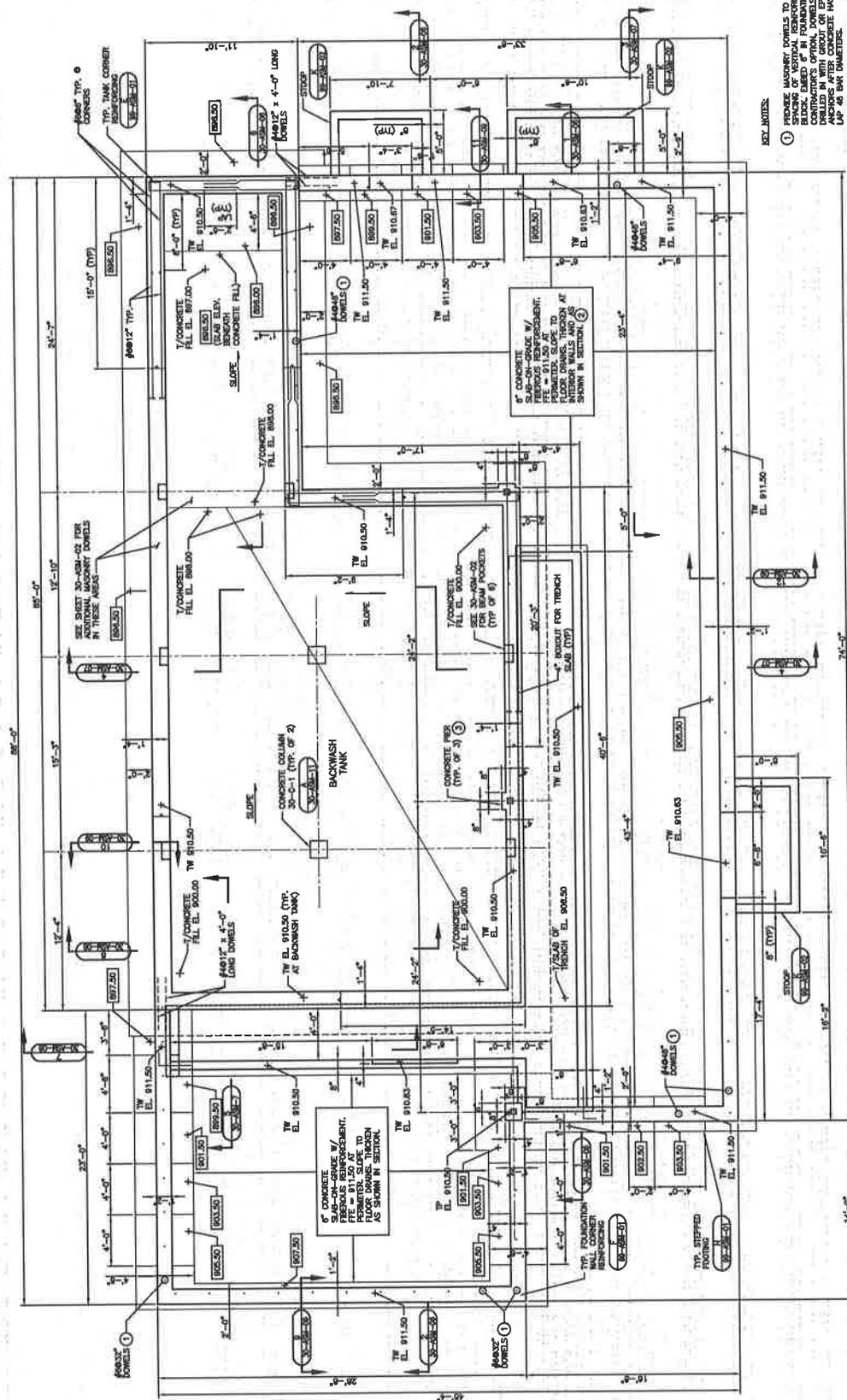
SECTION
 SCALE: 3/8" = 1'-0"
 (S11)

THIS SHEET SIZED TO 0.5 TIMES THE INDICATED SCALE.

Well U29

Well U30

NO.	REVISIONS	DATE
1	RECORD DRAWING	7/2010

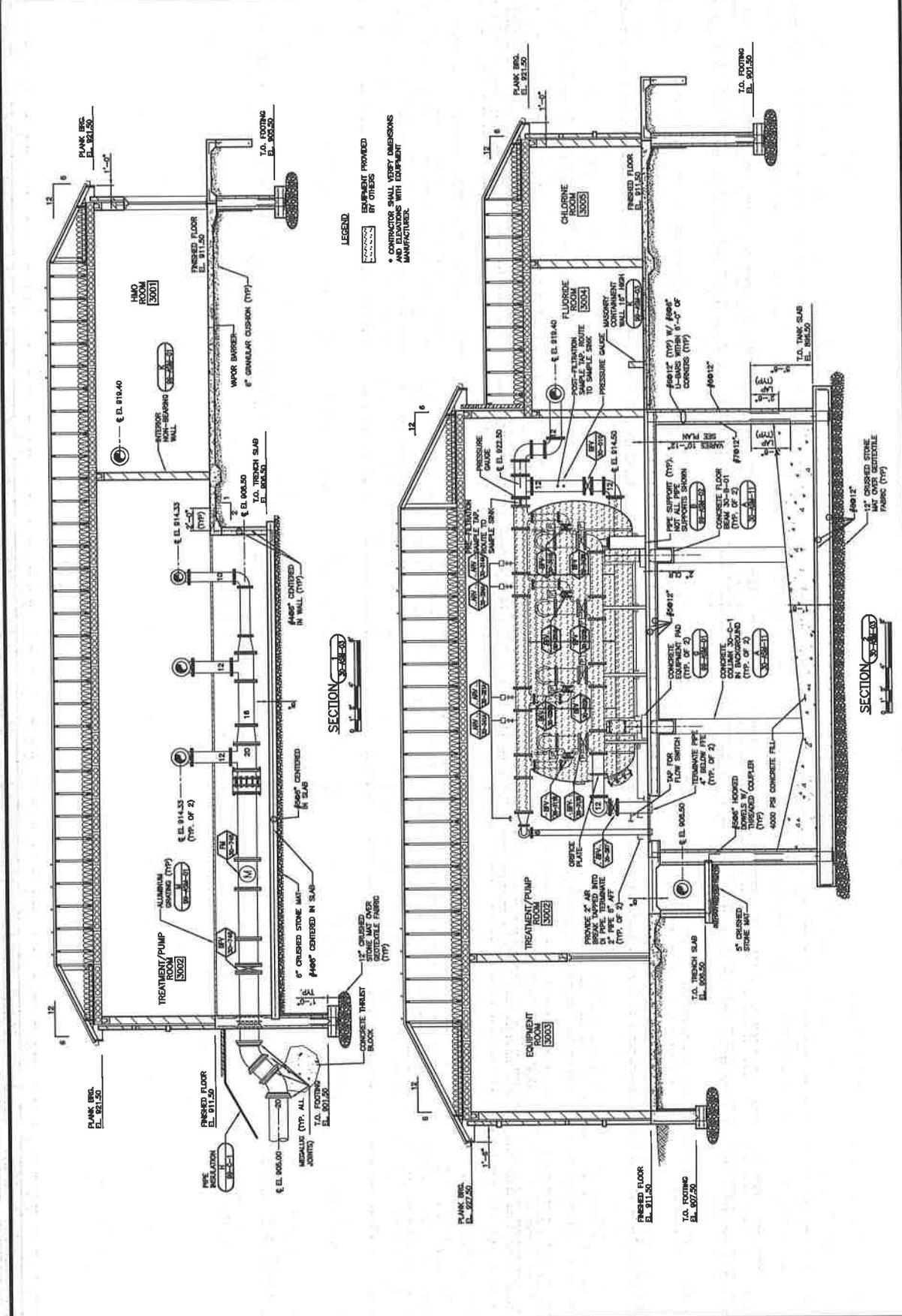


- REV. NOTES:**
- 1 PROVIDE MASONRY CORNERS TO MATCH SPACING OF VERTICAL REINFORCING IN BLOCK. EMBED 6" IN FOUNDATION. AT CORNERS, CORNER JOINTS MAY BE DRILLED IN WITH GROUT OR EPOXY. ANCHORS AFTER CONCRETE HAS CURED. UP TO 180° DIAMETERS.
 - 2 PROVIDE #4 @ 12" MAX SPACING IN ROOMS 3001 AND 3004. DO NOT JOINT FLOORS IN THESE AREAS.
 - 3 PROVIDE 12#3 @ 4" COLUMN BASEPLATE WITH 4" EXTENSION. PROVIDE #4 @ 12" MAX SPACING IN ROOMS 3001 AND 3004. DO NOT JOINT FLOORS IN THESE AREAS. PROVIDE #4 @ 12" MAX SPACING IN ROOMS 3001 AND 3004. DO NOT JOINT FLOORS IN THESE AREAS. PROVIDE #4 @ 12" MAX SPACING IN ROOMS 3001 AND 3004. DO NOT JOINT FLOORS IN THESE AREAS.

FOUNDATION PLAN

DATE:	REVISIONS:
BY:	NO.
CONTRACTOR:	DATE:
DES. BY/AL. CHK. BY/AL.	REVISIONS
RECORD DRAWING	7/2015

DATE:	NO.
BY:	REVISIONS
CONTRACTOR:	DATE:
DES. BY/AL. CHK. BY/AL.	REVISIONS
RECORD DRAWING	7/2015

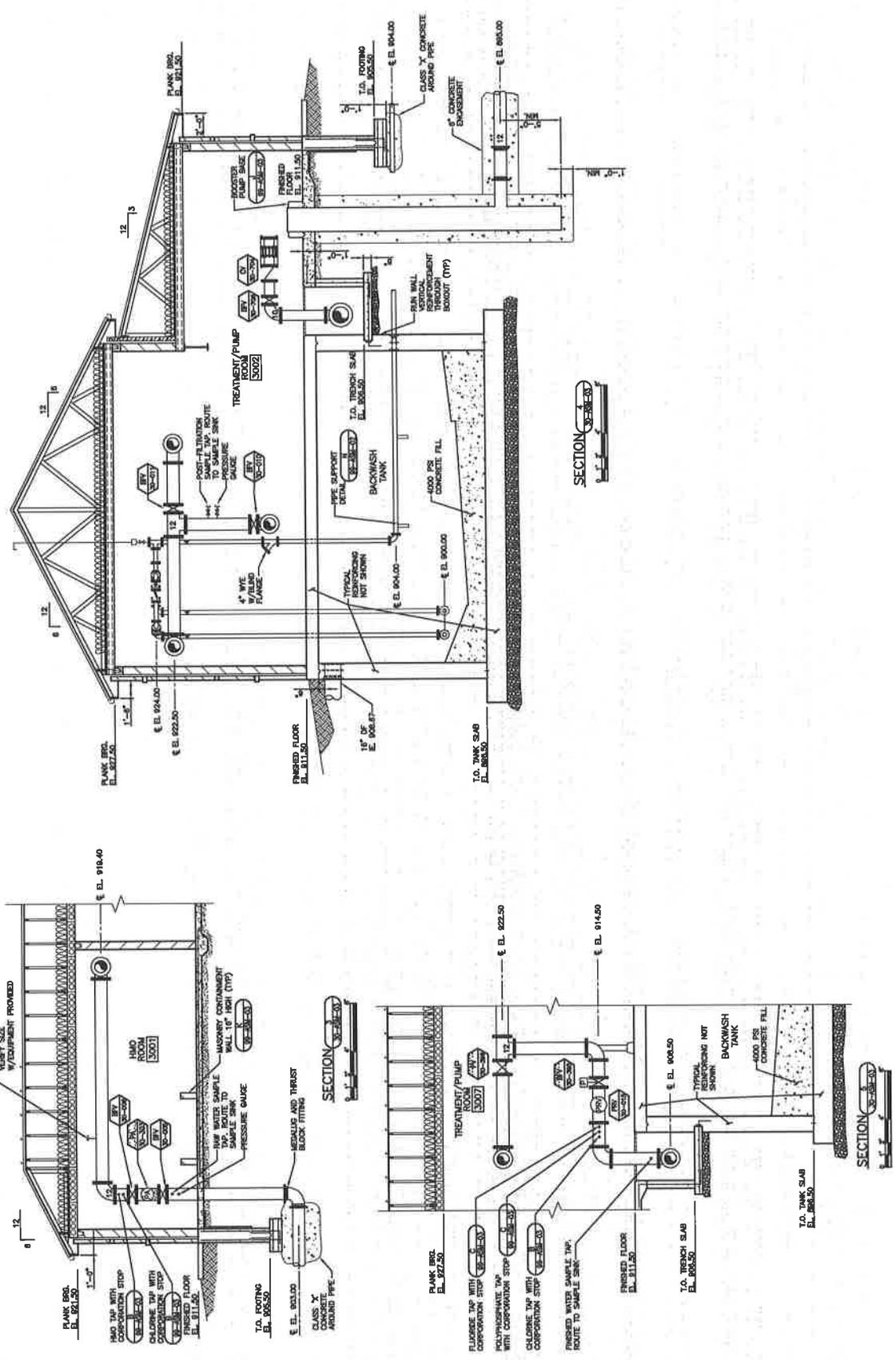


LEGEND

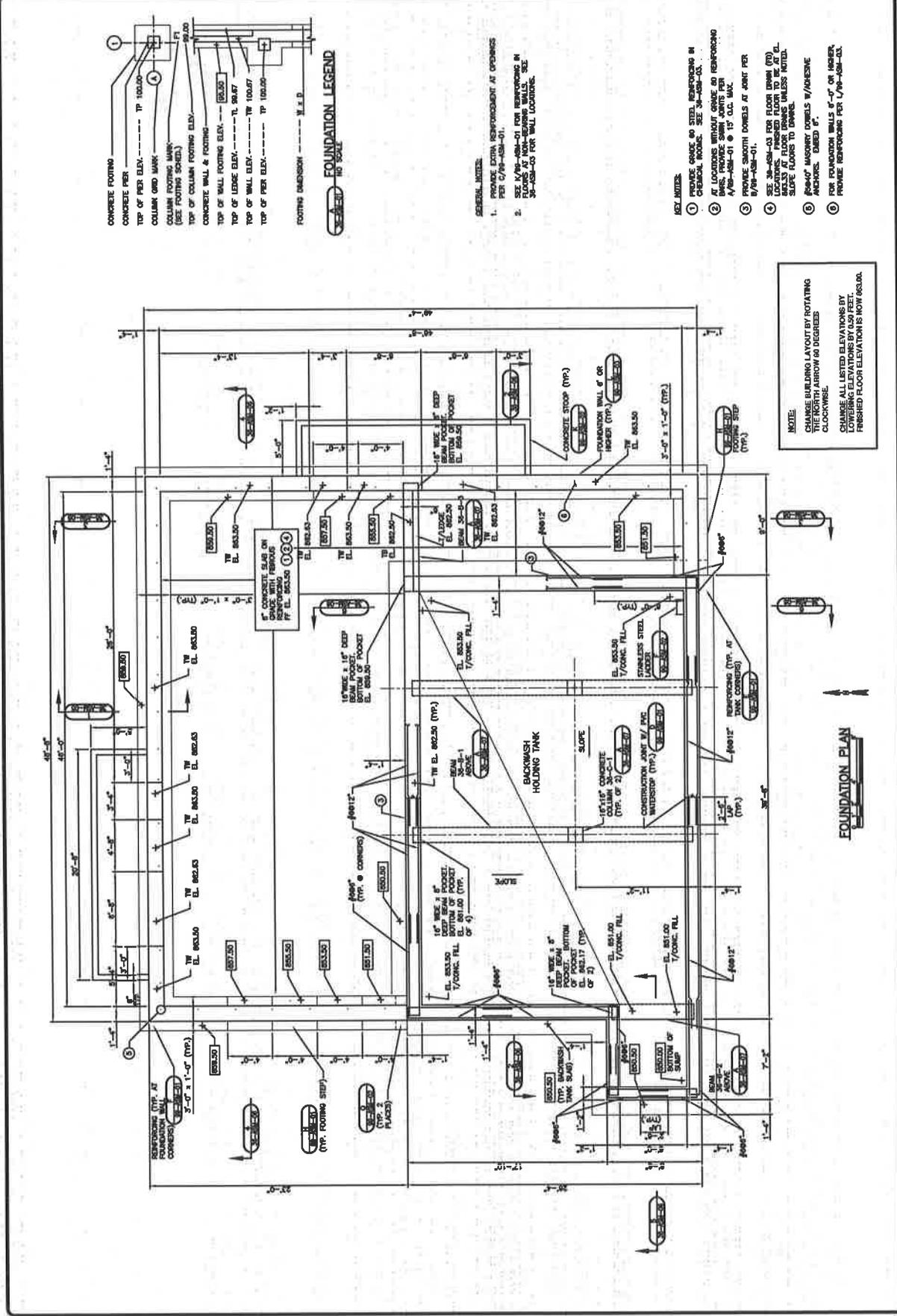
EXEMPT PROVIDED BY OTHERS

CONTRACTOR SHALL VERIFY DIMENSIONS OF MANUFACTURED EQUIPMENT WITH EQUIPMENT MANUFACTURER

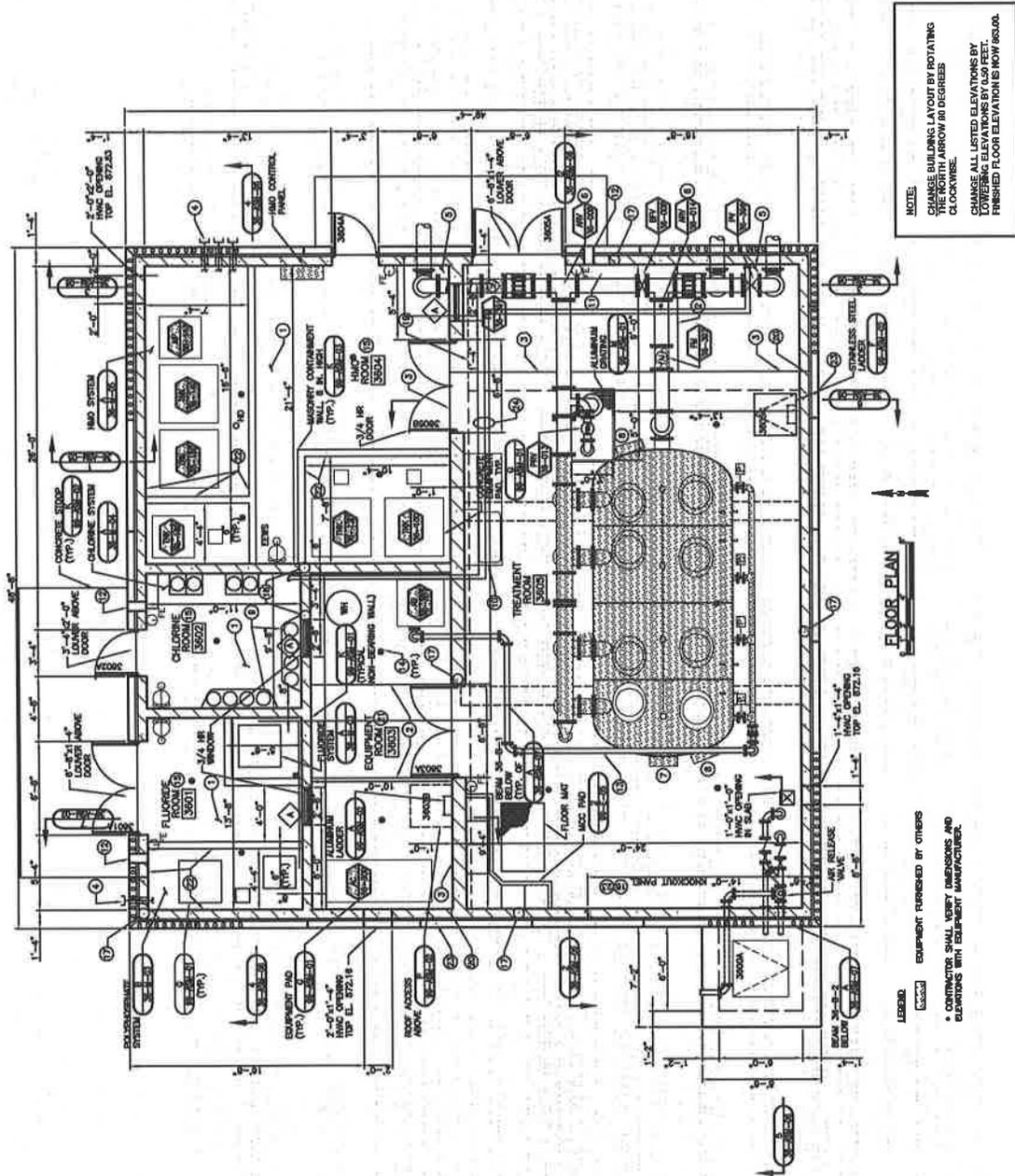
DATE: JUNE 2008	REASON: RECORD DRAWING
DESIGNER: CHK BY: ALK	DATE: JUNE 2008
NO.	REVISIONS
1	RECORD DRAWING 7/2010



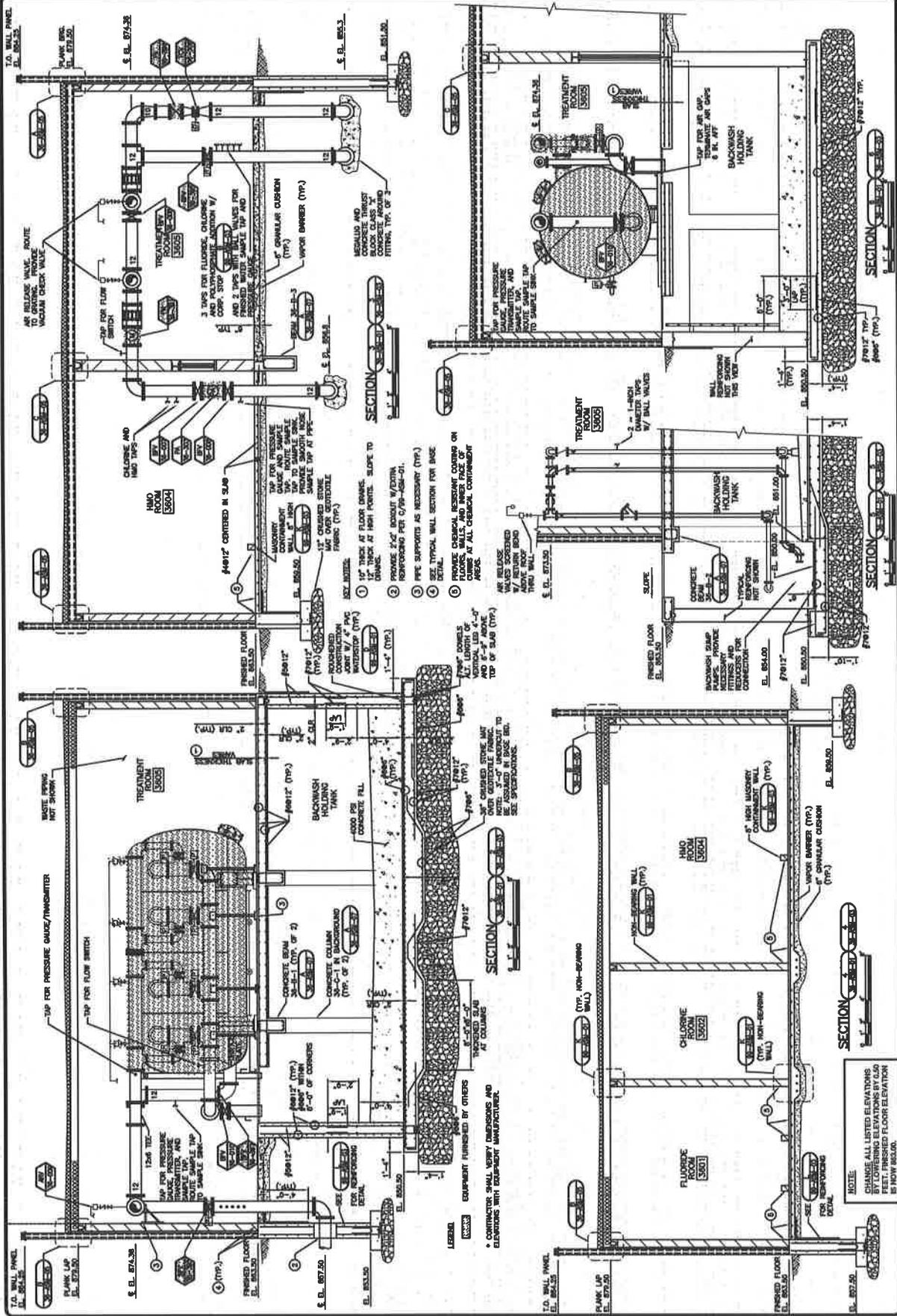
Well U36



- GENERAL NOTES:**
- SEE L/W-ASH-01 FOR LISTED DETAILS. LISTED ARE REQUIRED OVER ALL OPENINGS IN BIDDING.
- KEY NOTES:**
- PROVIDE #4@12" EACH WAY CENTERED IN FLOOR SLAB (NO SHIM JOINTS).
 - PROVIDE #4@12" EACH WAY CENTERED IN FLOOR SLAB (NO SHIM JOINTS).
 - PROVIDE SMOOTH DOBELS PER 8/99-ASH-01 BETWEEN SLAB-ON-GRADE AND BACKWASH TANK TOP SLAB.
 - CHEMICAL TANK FILL PER DETAIL [REDACTED].
 - LOCATE CHEMICAL LEAK DETECTOR NEAR INJECTION POINT AS SPECIFIED (TYP).
 - PROVIDE AIR BRIDGE WALK WITH CENTRAL WALKWAY CHECK VALVE. ROUTE TO OUTSIDE.
 - LOSS OF BEAM CAUSE PANEL.
 - SOLIDIFIED CHEMICAL.
 - CHEMICAL STORAGE WITH CHAINS (TYP).
 - SAMPLE SHIM AND CABINET DETAIL [REDACTED].
 - Pipe support (TYP). NOT ALL PIPE SUPPORTS ARE SHOWN. PROVIDE AS SPECIFIED. PROVIDE EL AND H ON DWG. 89-ASH-02. PROVIDE CEILING SUPPORTS AS NECESSARY.
 - CHAD REMOVER. SEE [REDACTED]. TYP. OF 3.
 - ROUTE 4" AIR BLOWER PIPING FROM FILTER TO AIR BLOWER.
 - SLOPE FLOORS TO FLOOR DOWNS.
 - CHEMICAL DOWNS TO HWY. 1 USE BOTTING. PROVIDE SLOPE FOR WALLS, CEILING, AND ALL PENETRATIONS.
 - 14"-Ø-14'-Ø INDOOROUT PANEL. PROVIDE MACHINERY CONTROL JOINT AT JAMES AND F/99-ASH-04.
 - PROVIDE VERTICAL PENETRATIONS IN FULLY EXHAUSTED CORES. DIMENSIONS 8" IN BOND BEAM ABOVE AND LAP 2'-Ø" DOBELS.
 - 44"x44" VERTICAL PENETRATIONS IN FULLY EXHAUSTED CORES. DIMENSIONS 8" IN BOND BEAM ABOVE AND LAP 2'-Ø" DOBELS.
 - BEAM 36"-Ø" BELOW. SEE A/24-ASH-07.
 - BEAM PER E/99-ASH-03.
 - PROVIDE BEAM AND ABSORBENT BLOCK ALL 4 WALLS OF TANKS.
 - PROVIDE BEAM AND ABSORBENT BLOCKING ON FLOORS UNDER FACE OF CURBS AND WALLS IN CONTAMINATION AREAS (TYP).
 - PROVIDE PVC SLEEVE OVER DOWEL AT BASE OF PANEL. (TYP. 6" INDOOROUT AND 2 LOCATIONS REAR INDOOROUT CONTROL JOINTS).
 - CHEMICAL FEED LINES.



STRAND ENGINEERS
 117
 35-ASU-05
 JOB NO. 1-10-076



Well U43

TO OBTAIN LOCATION OF PARTS FACILITIES BEFORE YOU DIG IN ILLINOIS CALL JULLI.E. 1-800-892-0123 TOLL FREE

REQUIRES MIN. OF 48 HOURS NOTICE (EXCLUDING SAT., SUN., & HOLS.)



NO.	REVISIONS	DATE
1	ISSUE DRAWING	7/2010

DATE: JUNE, 2008
 DES: BRIGHT CHS BTH/ML
 BY: [REDACTED]
 CONTRACTOR: [REDACTED]

WATER TREATMENT IMPROVEMENTS - GROUP 2
 WELL NO. 43 AND 43
 CITY OF ROCKFORD
 WINNEBAGO COUNTY, ILLINOIS

STANLEY ASSOCIATES ENGINEERS

Sheet 64
 43-C-01
 JOB NO. 1-110-074

PLANT DATA CHART

PLANT COMPONENT	DESCRIPTION	TYPE	TYPE NUMBER	PERMANENT MATERIAL					
NO.	DESCRIPTION	TYPE	TYPE NUMBER	PERMANENT MATERIAL					
SR	Small Groundwater Discharge Trench	3	SR	PC-A	30"	30"	30"	30"	30"
NC	Old Gold Chrome Vanadium	1	3"	30" BT	30"	30"	30"	30"	30"

