OMB APPROVAL NO. 2700-0042

SOLICITATION, OFFER, AND AWARD *(Construction, Alteration, or Repair)*	1. SOLICITATION NO. SJM37015Q0002	2. TYPE OF SOLICITATION _ SEALED BID (IFB) x NEGOTIATED (RFP)	3. DATE ISSUED 01/29/2015	Page 1 of 3

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO. PR4067239	6. PROJECT NO.

7. ISSUED BY CODE JM370	8. ADDRESS OFFER TO
AMERICAN EMBASSY KINGSTON 30 Monroe Road, ATTN: GSO KINGSTON 6 JAMAICA	AMERICAN EMBASSY KINGSTON 30 Monroe Road, ATTN: GSO KINGSTON 6 JAMAICA

9. FOR INFORMATION CALL: →	A. NAME Andre Curtis	B. TELEPHONE NO. *(Include area code)* ***(NO COLLECT CALLS)*** (876)702-6116

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS *(Title, identifying no., date):*

A. PRICE, B. SCOPE OF WORK, C. PACKAGING AND MARKING, D. INSPECTION AND ACCEPTANCE, E. DELIVERIES OR PERFORMANCE, F. ADMINISTRATIVE DATA, G. SPECIAL REQUIREMENTS, H. CLAUSES, I. LIST OF ATTACHMENTS, J. QUOTATION INFORMATION, K. EVALUATION

11. The Contractor shall begin performance within 10 calendar days and complete it within 55 calendar days after receiving _ award, x notice to proceed. This performance period is x mandatory, _ negotiable. *(See .)*

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? *(If "YES," indicate within how many calendar days after award in Item 12B.)* _ YES x NO	12B. CALENDAR DAYS

13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and 2 copies to perform the work required are due at the place specified in Item 8 by 14:00 *(hour)* local time 02/25/2015 *(date)*. If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

B. An offer guarantee _ is, x is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

D. Offers providing less than 120 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER *(Must be fully completed by offeror)*

14. NAME AND ADDRESS OF OFFEROR *(Include ZIP Code)*	15. TELEPHONE NO. *(Include area code)*
	16. REMITTANCE ADDRESS *(Include only if different than Item 14)*
CODE FACILITY CODE	

17. The offeror agrees to perform the work at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government within _____ calendar days after the date offers are due. *(Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.*

AMOUNTS →

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER *(Type or print)*	20B. SIGNATURE	20C. OFFER DATE

AWARD *(To be completed by Government)*

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
24. SUBMIT INVOICES TO ADDRESS SHOWN IN *(4 copies unless otherwise specified)* → ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO _ 10 U.S.C. 2304(c)( ) _ 41 U.S.C. 253(c)( )
26. ADMINISTERED BY CODE	27. PAYMENT WILL BE MADE BY

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

_ 28. NEGOTIATED AGREEMENT *(Contractor is required to sign this document and return copies to issuing office.)* Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.	_ 29. AWARD *(Contractor is not required to sign this document.)* Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN *(Type or print)*	31A. NAME OF CONTRACTING OFFICER *(Type or print)*

30B. SIGNATURE	30C. DATE	31B. UNITED STATES OF AMERICA, BY	31C. AWARD DATE

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11. SCHEDULE *(Include applicable Federal, State and local taxes)*					
ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	The U.S. Embassy in Kingston has a requirement to obtain construction services to construct reinforce concrete plinth and assembly of water storage tank. The work includes furnishing all labor, equipment, materials, and tools required for the task. The completion of this project shall include all incidental related work. B.2 Project Specifics The Contractor shall furnish and install all materials required by this contract to: 1. Prepare site and construct plinth in accordance with attached drawings. 2. Receive tank materials and tank assembly drawings from client and commence assembly 14 days after final concrete pour. 3. Install tank and accessories supplied by tank manufacturer. 4. Commission tank by performing appropriate testing to demonstrate that there are no leaks. Funding Information: Total: $0.00 ---------- $0.00	1.00	EA	$0.00	$0.00

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REQUEST FOR QUOTATIONS
POWELL PLAZA WATER TANK UPGRADE PROJECT

A. PRICE

The Contractor shall complete all work, including furnishing all labor, material, equipment and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, all insurances, overhead and profit.

Total Price (including all labor, materials, overhead and profit)	JMD$

A.1 VALUE ADDED TAX

VALUE ADDED TAX (VAT). The Government will not reimburse the Contractor for VAT under this contract. The Contractor shall not include a line for VAT on Invoices as the U.S. Embassy has a tax exemption certificate with the host government.

B. SCOPE OF WORK

B.1 General

The U.S. Embassy in Kingston has a requirement to obtain construction services to construct reinforce concrete plinth and assembly of 24’ x 24’ x 12’ pressed steel sectional water storage tank. The work includes furnishing all labor, equipment, materials, and tools required for the task. The completion of this project shall include all incidental related work.

B.2 Project Specifics

The Contractor shall furnish and install all materials required by this contract to for plinth:

1. Prepare site and construct plinth in accordance with attached drawings.
2. Receive tank materials and tank assembly drawings from client and commence assembly 14 days after final concrete pour.
3. Install tank and accessories supplied by tank manufacturer.
4. Commission tank by performing appropriate testing to demonstrate that there are no leaks.

B.3. Government Furnished Material

The Embassy will provide all material for the tank and no other material.

C. PACKAGING AND MARKING

Mark materials delivered to the site as follows:

NAME OF CONTRACTOR
CONTRACT NUMBER

D. INSPECTION AND ACCEPTANCE

The COR, or his/her authorized representatives, will inspect from time to time the services being performed and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

D.1 SUBSTANTIAL COMPLETION

(a) "*Substantial Completion*" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:

(1) do not interfere with the intended occupancy or utilization of the work, and

(2) can be completed or corrected within the time period required for final completion.

(b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

Use and Possession upon Substantial Completion - The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request for Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate will be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

D.2 FINAL COMPLETION AND ACCEPTANCE

D.2.1 "Final completion and acceptance" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.

D.2.2 The "*date of final completion and acceptance*" means the date determined by the Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

D.2.3 FINAL INSPECTION AND TESTS. The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

D.2.4 FINAL ACCEPTANCE. If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- Satisfactory completion of all required tests,
- A final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete (subject to the discovery of defects after final completion), and
- Submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance).

E. DELIVERIES OR PERFORMANCE

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

(a) commence work under this contract within ten (10) business days after the date the Contractor receives the notice to proceed,
(b) prosecute the work diligently, and,
(c) complete the entire work ready for use not later than forty five (45) business days after commencement.

The time stated for completion shall include final cleanup of the premises.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of seventeen thousand dollars $17,000 for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as ten (10) calendar days after receipt of an executed contract".

(b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.

(c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule, which sequences work so as to minimize disruption at the job site.

(d) All deliverables shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The Contractor shall identify each deliverable as required by the contract.

(e) Acceptance of Schedule: When the Government has accepted any time schedule; it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not:

(1) Extend the completion date or obligate the Government to do so,
(2) Constitute acceptance or approval of any delay, or
(3) Excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

NOTICE OF DELAY

If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor’s notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule or the completion date should be revised. The Contractor shall give such notice promptly, not more than ten (10) days after the first event giving rise to the delay or prospective delay. Only the Contracting Officer may make revisions to the approved time schedule.

NOTICE TO PROCEED

(a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will provide the Contractor a Notice to Proceed. The Contractor must then prosecute the work, commencing and completing performance not later than the time period established in the contract.

(b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds or evidence of insurance. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or insurance certificates or policies shall not be a waiver of the requirement to furnish these documents.

WORKING HOURS

All work shall be performed during 7:15 a.m. and 4 p.m. Mondays to Fridays. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held 10 days after contract award at the site at 211a Constant Spring Road to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

DELIVERABLES - The following items shall be delivered under this contract:			
Description	Quantity	Deliver Date	Deliver To
Section G. RESERVED			
Section E. Construction Schedule	1	10 days after award	COR
Section E. Preconstruction Conference	1	10 days after award	COR
Section G. Personnel Biographies	1	10 days after award	COR
Section F. Payment Request	1	At the end of the project	COR
Section D. Request for Substantial Completion	1	15 days before inspection	COR
Section D. Request for Final Acceptance	1	5 days before inspection	COR

F. ADMINISTRATIVE DATA

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is the Building Engineer, Andre Gilling.

Payment: The Contractor's attention is directed to Section H, 52.232-5, "Payments Under Fixed-Price Construction Contracts". The following elaborates on the information contained in that clause.

After receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount, which is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage allowed by in 52.232-5, the Contracting Officer shall advise the Contractor as to the reasons.

Under the authority of 52.232-27(a), the 14 day period identified in FAR 52.232-27(a)(1)(i)(A) is hereby changed to 30 days.

Invoices should be submitted to KingstonInvoices@state.gov .

G. SPECIAL REQUIREMENTS

G.1.0 PERFORMANCE/PAYMENT PROTECTION - RESERVED

G.2.0 INSURANCE - The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide whatever insurance is legally necessary.

G.2.1 RESERVED

G.2.2 The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as provided by law or sufficient to meet normal and customary claims.

G.2.3 The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from and incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising therefrom, except in the instance of gross negligence on the part of the Government.

G.2.4 The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

G.2.5 The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

G.3.0 DOCUMENT DESCRIPTIONS

G.3.1 SUPPLEMENTAL DOCUMENTS: The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless prompt objection is made by the Contractor within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

G.3.1.1. RECORD DOCUMENTS. The Contractor shall maintain at the project site:

(1) a current marked set of Contract drawings and specifications indicating all interpretations and clarification, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and,

(2) a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

G.3.1.2. "As-Built" Documents: After final completion of the work, but before final acceptance thereof, the Contractor shall provide:

(1) a complete set of "as-built" drawings, based upon the record set of drawings, marked to show the details of construction as actually accomplished; and,
(2) record shop drawings and other submittals, in the number and form as required by the specifications.

G.4.0 LAWS AND REGULATIONS - The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

G.4.1 The Contractor shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

G.4.2 The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

G.4.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.5.0 CONSTRUCTION PERSONNEL - The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those employed at the site. The Contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project against such action. The Contracting Officer may require, in writing that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

G.5.1 If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall

immediately give notice, including all relevant information, to the Contracting Officer.

G.5.2 After award, the Contractor has ten calendar days to submit to the Contracting Officer a list of workers and supervisors assigned to this project for the Government to conduct all necessary security checks. It is anticipated that security checks will take ten (10) days to perform. For each individual the list shall include:

Full Name
Place and Date of Birth
Current Address
Identification number

Failure to provide any of the above information may be considered grounds for rejection and/or resubmittal of the application. Once the Government has completed the security screening and approved the applicants a badge will be provided to the individual for access to the site. This badge may be revoked at any time due to the falsification of data, or misconduct on site.

G.5.3 The Contractor shall provide an English speaking supervisor on site at all times. This position is considered as key personnel under this purchase order.

G.6.0 Materials and Equipment - All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection by the Contracting Officer.

G.7.0 SPECIAL WARRANTIES

G.7.1 Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they are not in conflict.

G.7.2 The Contractor shall obtain and furnish to the Government all information required to make any subcontractor's, manufacturer's, or supplier's guarantee or warranty legally binding and effective. The Contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

G.8.0 EQUITABLE ADJUSTMENTS

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause; provided, that the Contractor gives the Contracting Officer prompt written notice (within 20 days) stating:

(a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and

(b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

The Contractor shall provide written notice of a differing site condition within 10 calendar days of occurrence following FAR 52.236-2, Differing Site Conditions.

G.9.0 ZONING APPROVALS AND PERMITS

The Government shall be responsible for:

- obtaining proper zoning or other land use control approval for the project
- obtaining the approval of the Contracting Drawings and Specifications
- paying fees due for the foregoing; and,
- for obtaining and paying for the initial building permits.

H. CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): *http://www.acquisition.gov/far/* or *http://farsite.hill.af.mil/vffara.htm*. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at *http://www.statebuy.state.gov/* to access links to the FAR. You may also use an internet "search engine" (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clause(s) is/are incorporated by reference (48 CFR CH. 1):

CLAUSE	TITLE AND DATE
52.202-1	DEFINITIONS (NOV 2013)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (JULY 2013)
52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE (DEC 2012)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (AUG 2013)
52.209-9	UPDATES OF INFORMATION REGARDING RESPONSIBILITY MATTERS (JULY 2013)
52.213-4	TERMS AND CONDITIONS –SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (JULY 2014)
52.216-7	ALLOWABLE COST AND PAYMENT (JUN 2013)
52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)

52.222-19 CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2014)

52.222-50 COMBATING TRAFFICKING IN PERSONS (FEB 2009)

52.223-18 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)

52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)

52.225-14 INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)

52.228-4 WORKERS' COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)

52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)

52.228-11 PLEDGES OF ASSETS (JAN 2012)

52.228-13 ALTERNATIVE PAYMENT PROTECTION (JULY 2000)

52.228-14 IRREVOCABLE LETTER OF CREDIT (MAY 2014)

52.229-6 TAXES - FOREIGN FIXED-PRICE CONTRACTS (FEB 2013)

52.229-7 TAXES- FIXED PRICE CONTRACTS WITH FOREIGN GOVERNMENTS (FEB 2013)

52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (MAY 2014)

52.232-8 DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)

52.232-11 EXTRAS (APR 1984)

52.232-18 AVAILABILITY OF FUNDS (APR 1984)

52.232-22 LIMITATION OF FUNDS (APR 1984)

52.232-25 PROMPT PAYMENT (JULY 2013)

52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (MAY 2014)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (JULY 2013)

52.232-34 PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)

52.233-1 DISPUTES (MAY 2014) *Alternate I (DEC 1991)*

52.233-3 PROTEST AFTER AWARD (AUG 1996)

52.236-2 DIFFERING SITE CONDITIONS (APR 1984)

52.236-3 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)

52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)

52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)

52.236-7 PERMITS AND RESPONSIBILITIES (NOV 1991)

52.236-8 OTHER CONTRACTS (APR 1984)

52.236-9 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)

52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)

52.236-11 USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)

52.236-12 CLEANING UP (APR 1984)

52.236-14 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)

52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)

52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)

52.236-26 PRECONSTRUCTION CONFERENCE (FEB 1995)

52.242-14 SUSPENSION OF WORK (APR 1984)

52.243-4 CHANGES (JUN 2007)

52.243-5 CHANGES AND CHANGED CONDITIONS (APR 1984)

52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (JULY 2014)

52.245-2 GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (APR 2012)

52.245-9 USE AND CHARGES (APR 2012)

52.246-12 INSPECTION OF CONSTRUCTION (AUG 1996)

52.246-17 WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE (JUN 2003)

52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)

52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012) *Alternate I (SEPT 1996)*

52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)

52.249-14 EXCUSABLE DELAYS (APR 1984)

The following Department of State Acquisition Regulation (DOSAR) clause(s) is/are set forth in full text:

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE PROCEDURES (MAY 2011)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at *http://www.state.gov/m/ds/rls/rpt/c21664.htm* .

(End of clause)

652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the Contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the Contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

1) Use an e-mail signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
2) Clearly identify themselves and their contractor affiliation in meetings;
3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

652.236-70 ACCIDENT PREVENTION (APR 2004)

(a) *General*. The Contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the Contractor shall:

(1) Provide appropriate safety barricades, signs and signal lights;

(2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,

(3) Ensure that any additional measures the Contracting Officer determines to be reasonably necessary for this purpose are taken.

(4) For overseas construction projects, the Contracting Officer shall specify in writing additional requirements regarding safety if the work involves:

(i) Scaffolding;

(ii) Work at heights above two (2) meters;

(iii) Trenching or other excavation greater than one (1) meter in depth;

(iv) Earth moving equipment;

(v) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;

(vi) Work in confined spaces (limited exits, potential for oxygen less that 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);

(vii) Hazardous materials – a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any

operations which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or

(viii) Hazardous noise levels.

(b) *Records*. The Contractor shall maintain an accurate record of exposure data on all accidents incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The Contractor shall report this data in the manner prescribed by the Contracting Officer.

(c) *Subcontracts*. The Contractor shall be responsible for its subcontractors' compliance with this clause.

(d) *Written program.* Before commencing work, the Contractor shall:

(1) Submit a written plan to the Contracting Officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,

(2) Meet with the Contracting Officer to discuss and develop a mutual understanding relative to administration of the overall safety program.

(e) *Notification*. The Contracting Officer shall notify the Contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the Contractor or the Contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the Contractor shall immediately take corrective action. If the Contractor fails or refuses to promptly take corrective action, the Contracting Officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The Contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

(End of clause)

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That is has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

(2) That is has obtained all necessary licenses and permits required to perform this contract; and,

(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

(End of clause)

652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the Contracting Officer.

(End of clause)

I. LIST OF ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION OF ATTACHMENT	NUMBER OF PAGES
Attachment 1	Breakdown of Price by Divisions of Specifications	2
Attachment 2	Specifications	1
Attachment 3	Drawings 1 - 7	1

J. QUOTATION INFORMATION

A. QUALIFICATIONS OF OFFERORS

Offerors/quoters must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror/Quoter must meet the following requirements:

(1) Be able to understand written and spoken English;
(2) Have an established business with a permanent address and telephone listing;
(3) Be able to demonstrate prior construction experience with suitable references;
(4) Have the necessary personnel, equipment and financial resources available to perform the work;
(5) Have all licenses and permits required by local law;
(6) Meet all local insurance requirements;
(7) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution;
(8) Have no adverse criminal record; and
(9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

This solicitation is for the performance of the construction services described in SCOPE OF WORK, and the Attachments which are a part of this request for quotation.

Each quotation must consist of the following:		
VOLUME	TITLE	NUMBER OF COPIES*
I	Standard Form 1442 including a completed Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS	1
II	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal	2

Submit the complete quotation to the address indicated. If mailed, on Standard Form 18, or if hand-delivered, use the address set forth below:

The Offeror/Quoter shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this request for quotation in the appropriate volume of the offer.

Volume II: Performance schedule and Business Management/Technical Proposal.

(a) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

(b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

(1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;

(2) The name and address of the Offeror's field superintendent for this project;

(3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

Experience and Past Performance - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

(1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;

(2) Contract number and type;

(3) Date of the contract award place(s) of performance, and completion dates; Contract dollar value;

(4) Brief description of the work, including responsibilities; and

(5) Any litigation currently in process or occurring within last 5 years.

C. 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) A site visit has been scheduled for Wednesday, February 18, 2015 at 11 am.

(c) Participants will meet at the Colin Powell Residential Plaza, 211A Constant Spring Road, Kingston 8. Interested parties are to submit by email the full names of two persons from the company that will be attending. In addition the vehicle details of the vehicles being driven should also be provided (colour, make, model and tag #). Attendees must take along a picture ID and will not be allowed to take onsite any cell phones and or electronic gadgets.

THIS INFORMATION MUST BE SENT BY EMAIL TO KINGSTON.PROCURE@STATE.GOV NO LATER THAN, TUESDAY, FEBRUARY 17th at 8 AM.

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be between J$11,390,000 and J$28,475,000.

E. LATE QUOTATIONS. Late quotations shall be handled in accordance with FAR.

F. 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates the following provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer.

Also, the full text of a solicitation provision may be accessed electronically at: *http://acquisition.gov/far/index.html/* or *http://farsite.hill.af.mil/vffara.htm*. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at *http://www.statebuy.state.gov* to access the link to the FAR, or use of an Internet "search engine" (for example, Google, Yahoo or Excite) is suggested to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation provisions are incorporated by reference (48 CFR CH. 1):

PROVISION	TITLE AND DATE
52.204-6	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JULY 2013)
52.204-7	SYSTEM FOR AWARD MANAGEMENT (JULY 2013)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)

K. EVALUATION CRITERIA

Award will be made to the lowest priced, acceptable, responsible quoter. The Government reserves the right to reject quotations that are unreasonably low or high in price.

The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ. The Government will determine responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- satisfactory record of integrity and business ethics;
- necessary organization, experience, and skills or the ability to obtain them;
- necessary equipment and facilities or the ability to obtain them; and
- otherwise, qualified and eligible to receive an award under applicable laws and regulations.

SECTION L - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS OR QUOTERS

L.1 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(c) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (3l USC 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

TIN: _____

- ☐ TIN has been applied for.
- ☐ TIN is not required because:
  - ☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;
  - ☐ Offeror is an agency or instrumentality of a foreign government;
  - ☐ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of Organization.

- ☐ Sole Proprietorship;
- ☐ Partnership;
- ☐ Corporate Entity (not tax exempt);
- ☐ Corporate Entity (tax exempt);
- ☐ Government Entity (Federal, State or local);
- ☐ Foreign Government;

☐ International organization per 26 CFR 1.6049-4;
☐ Other _____.

(f) Common Parent.
☐ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
☐ Name and TIN of common parent:
Name _____
TIN_____

(End of provision)

L.2 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAY 2014)

(a)(1) The North American Industry Classification System (NAICS) code(s) for this acquisition is/are:

236118 - Construction Management, residential remodeling
236220 - Construction Management, commercial and institutional building or Warehouse construction
237110 - Construction Management, water and sewage line and related structures
237310 - Construction Management, highway road, street or bridge
237990 - Construction Management, outdoor recreation facility

(2) The small business size standard is **$33.5 Million USD**.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

[ ] (i) Paragraph (d) applies.

[ ] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, 2010, or 2012.

(vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.214-14, Place of Performance—Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA–designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA–designated items.

(xvi) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xvii) 52.225-4, Buy American—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than $25,000, the basic provision applies.

(B) If the acquisition value is $25,000 or more but is less than $50,000, the provision with its Alternate I applies.

(C) If the acquisition value is $50,000 or more but is less than $79,507, the provision with its Alternate II applies.

(D) If the acquisition value is $79,507 or more but is less than $100,000, the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certifications. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to—

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

__ (i) 52.219-22, Small Disadvantaged Business Status.

__ (A) Basic.

__ (B) Alternate I.

__ (ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

__ (iii) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment- Certification.

__ (iv) 52.222-52, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Certification.

__ (v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA–Designated Products (Alternate I only).

__ (vi) 52.227-6, Royalty Information.

__ (A) Basic.

__(B) Alternate I.

__ (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through https://www.acquisition.gov. After reviewing the SAM

database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR CLAUSE #	TITLE	DATE	CHANGE
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of provision)

L.3. 52.225-18 PLACE OF MANUFACTURE (SEPT 2006)

(a) *Definitions*. As used in this clause—

" Manufactured end product" means any end product in Federal Supply Classes (FSC) 1000-9999, except—

(1) FSC 5510, Lumber and Related Basic Wood Materials;
(2) Federal Supply Group (FSG) 87, Agricultural Supplies;
(3) FSG 88, Live Animals;
(4) FSG 89, Food and Related Consumables;
(5) FSC 9410, Crude Grades of Plant Materials;
(6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
(7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
(8) FSC 9610, Ores;
(9) FSC 9620, Minerals, Natural and Synthetic; and
(10) FSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1) [ ] In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or
(2) [ ] Outside the United States.

(End of provision)

L.4 AUTHORIZED CONTRACTOR ADMINISTRATOR

If the offeror does not fill-in the blanks below, the official who signed the offer will be deemed to be the offeror's representative for Contract Administration, which includes all matters pertaining to payments.

Name:
Telephone Number:
Address:

[Proposal Note: If the bidder/offeror has indicated "yes" in blocks (a)(1), (2), or (3) of the following provision, the bidder/offeror shall include Defense Base Act insurance costs covering those employees in their proposed prices. The bidder/offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at *http://www.dol.gov/owcp/dlhwc/lscarrier.htm*.]

L.5 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

Category	Yes/No	Number	
(1) United States citizens or residents			
(2) Individuals hired in the United States, regardless of citizenship			
(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws		local nationals:	
		third-country nationals:	
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws		local nationals:	
		third-country nationals:	

(b) The Contracting Officer has determined that for performance in the country of

X Workers' compensation laws exist that will cover local nationals and third country nationals.

☐ Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated “yes” in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(d) RESERVED

(End of provision)

ATTACHMENT #1 - UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

	(1) DIVISION/ DESCRIPTION	(2) LABOR	(3) MATERIALS	(4) OVERHEAD	(5) PROFIT	(6) TOTAL
1. General Requirements 2. Site Work						
3. Concrete 4. Masonry						
5. Metals 6. Wood and Plastic						
7. Thermal and Moisture 8. Doors and Windows						
9. Finishes 10. Specialties						
11. Equipment 12. Furnishings						

13. Special Construction 14. Conveying Systems						
15. Mechanical 16. Electrical						
					TOTAL IN JMD	
Allowance Items:						
					PROPOSAL PRICE IN JMD	
					TOTAL IN JMD	
Alternates (list separately; do not total):						
Offeror					DATE	

PRICE BREAKDOWN BY DIVISION OF SPECIFICATION ITEMS

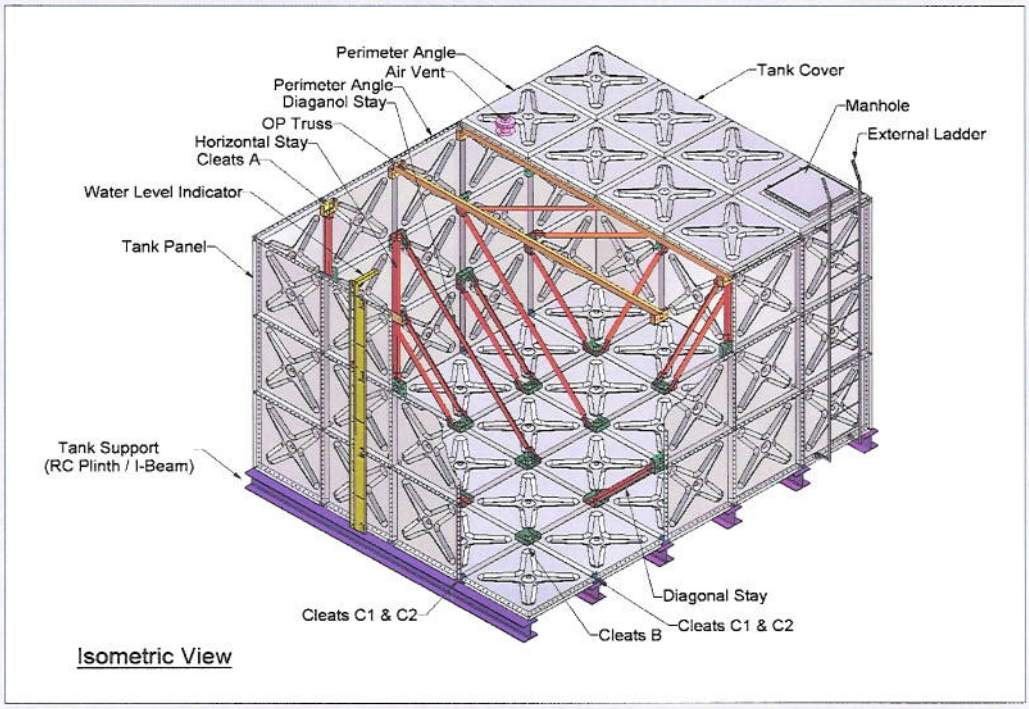
ATTACHMENT #2 SPECIFICATIONS

ATTACHMENT #3 DRAWINGS

Tank Installation Instructions

PRESSED STEEL SECTIONAL WATER TANKS

(INSTALLATION MANUAL)



(113732-U)

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"Offering Global Solutions To Quality Water Containments"

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1. PRE INSTALLATION NOTES

Prior to commencement of installation, the followings are to be observed & checked;

I) TANK SUPPORTS (Steel Beams / R.C. plinths)

a) Check the number of row of tank support suitable for the tank size.

b) Measure the height of supports, perimeter of side walls and roof for minimum clearance of 450mm high (18 inch Ht) above finish ground level for cause of installation ,rectification and future maintenance works.

c) Measure the centres of each row of support (s), which must be either1220mm (48inch) or 1000 mm (39.3 inch) center to center subject to the size of tank panels of 1220mm square or 1000mm square respectively. Diagonals of each row of plinth to be equal so as to ensure all tank panel's joints are fully supported on each row of support (s)

d) Check the finished level of all support for flatness. Tolerance of max. 6.0mm total in lateral of diagonal.

e) Steel capping flats are to be provided on top of r.c. plinth for tanks of more than 2440mm high (8 ft Ht) in depth. Preferably, the steel capping flats dimension of 6.0mm (1/4 inch) thk. X 80mm (3") width X (lgth of support). Additional of 3" (75mm) length wise for steel capping flats at both end is advisable.

f) All steel sectional tank could be supported one way i.e. either length or breath of tank.

II) TANK PANELS AND COMPONENTS

a) QA/QC requirements for number of tank panels, tank covers and it's reinforced components are in good condition as per the delivery order . Number of tank's items are to be checked ensuring they are sufficient, and components supplied are for the particular tank size.

* b) Documents supplied with every tank include delivery order, tank openings drawings, (if any), reinforcement arrangement drawings, completion acknowledgement slips and installar's good receive order (photocopy) which must be signed by installar.

* c) Any discrepancies in the goods delivered must be reported to our office or supervisor in charge immediately for clarification.

* Applicable to our in house installars only

2. TYPE OF TANK PANELS & COMPONENTS

a) 'SUNNIK' Pressed Tank panels are as follows;

Type A : Four sides with 16 nos. bolt holes @ 90 degrees flanges to face of panel

Type B : Three sides with 16 nos. bolt holes @ 90 degrees flanges to face of panel & one side with 15 nos. bolt holes @ 45 degrees flanges to face of panel

Type C : Two sides with 16 nos. bolt holes @ 90 degrees flanges to face of panel & two sides with 15 nos. of bolt holes @ 45 degrees flanges to face of panel

Notes: The above are normal standard panels, for other types, please refer to our drawings

b) 'SUNNIK' pressed tank roof covers are as follows;

Normal : All standard pressed covers with 6 nos. bolt holes @ 90 degrees flanges or otherwise specifed

Air Vent : Standard 100mm diameter for bolting of air vent c/w vermint proof netting to standard cover.

Manhole : Standard pressed covers with 6 nos. bolt holes @ 90 degrees flanges with one no. 610mm x 610mm manhole cover lid welded with hinges and lockable.

c) Tank Reinforcement Components i.e. angle stays, box cleats (brackets) , bolts, nuts & washers (Finish to be specified as per delivery order)

d) Internal & External ladders.

Internal Ladders : Bolted to underside of manhole cover with pre-welded brackets. at top and bottom.

External Ladders : Bolted to sides of tank side wall with brackets to rest on base, top and bottom of side walls.

Level Indicators : Bolted to sides of tank walls with pre-welded brackets c/w cable, pointer and plastic float

(Notes: Position or location, installation of the above to be determined by authorised personnel at site or as per drawing)

e) Panel Flange Sealant (Non Toxic) : PVC foam tapes are supplied for all tank panel flange joints from full height at all side walls and base.
Foam tapes comes in reel form with 1 side pre-adhesives and easily 'punch through' for bolting.

f) Sealant* (Non-toxic) : Butyl sealant 8.00mm thk. X 80mm X 80mm for sealing of all cross joints and joints between side walls and base of tank.

** if applicable*

3. COMMENCEMENT OF INSTALLATION OF TANKS

I) INSTALLATION OF BASE PANELS

a) Arrange two rows of base panels as per labelled or markings or on top of two (2) rows of tank support of tank commencing from the center rows of tank base.

b) Layout the base panels with the external flanges downwards on the support with min. 50mm spacing in-between each panel flange for easy application of foam tape.

c) Ensure the panel flanges to be bolted together with one nut and one washer and application of sealant must be clean, free from oil, dirt or any foreign matters.

d) Cut sufficient length of Foam Tape from roll for each flange joint and place the strip between two panels flanges allowing 25mm overlap at each end.

e) Use a tappered bar to punch throught the 1 st bolt hole and last hole's sealant and bring together both tank panels & remove bar. Insert the bolt, nuts and with one washer for both punched holes and tighten only. Repeat the same process for the remaining bolt holes.

f) Repeat the same procedure above for the remaining base tank panels and DO NOT TIGHTEN ALL BOLTS YET. Ensure all foam tape are NOT out of position when punching with tappered bar and also make sure all cross and corner joints has 25mm overlap strips.

g) Wrap a continuous strip around the edge of all base panel's perimeter and ends at the mid section of any tank panels with a 25mm overlap (refer to drawing SE1).

h) Note: Panel with pipe openings are to be assembled as per drawing requirement

II) INSTALLATION OF SIDE PANELS (Refer to tank panel arrangement drawing SE1)

a) Place the corner panel type "C"of 1st tier tank panel as per marking and apply foam tape and bolt as per the above 1g) procedure

b) Continue the assembly sequence as per drawing and repeat foam tape and bolting as per above procedure until complete of alol 1st tier side wall panels (Note: Please do not tigthen bolts & nuts YET)

c) Panels with pipe opening are to be noted for its location

f) Apply foam tape on the top of 1st tier panels and lay a continuos strips of sealastrip on top of 1st tier side panels and end in the mid of any panel with a 25mm overlap.

g) Commence 2nd tier side row panels assembly by repeating as the 1st tier side row panels assembly until all side panels are bolted loosely. (Note: Please check for any panel with pipe opening required on this tier)

h) Before the commence of 3rd tier side row panels for 3 tier (H) refer to diagram SE for assembly of box cleats and angle stays connection at 1st tier level cross joints. This will ensure the side panels from deflecting.

i) Similar before commence of 4th tier side row panels 4 tier (H) tank, assembly of cleats & stays connections at 2nd tier cross joints are required due to same reason in item (h).
DO NOT TIGHTEN BOLT & NUTS UNTIL ALL STAYS, CLEATS AND COVER ARE BOLTED IN POSITION

4. ASSEMBLY OF BOX CLEATS

(Refer to drawing SE5 for types of cleats and its position)

Clean & clear all cross joints (where 4 tank panels meets) and corner joints (side panel meets base panel and side panel wall meet at corners of tank wall) from foreign matters.

I) CLEAT TYPE B (At cross joints, refer to dwg SE5)

a) Place two (2) pieces of butyl sealant on top of each cross joints. Cut small strip (8mm x 80mm x 80mm) of sealant to be use as sealant between tank panel & steel washer on the external of tank (refer diagram SE5).

b) Position cleat B on top the cross joint of tank panel and position the cleat's bolt holes to the tank panel's bolt holes - 4 nos.

c) Hold down firmly the cleat B to the tank panel cross joint so that the cross embossment match into groove of the cross joint

d) Insert the 5/8" (M16) dia. bolt through the holes from the internal of tank with 1 pc. Sealant washer and 1 pc. steel washer & nut from the external of tank. (Refer note for tanks below 4 tier high)

II) CLEAT TYPE C

a) Tie butyl sealant onto Cleats C & outside of bolt.

b) Position cleat C and press firmly into groove of corner joints and insert 1 no. 3/8" dia. x 3" long bolt from the internal of tank through the hole with thread protruding to the external side of tank.

c) Position the other part of cleat C (CC2) into the protruding bolts with a seelant rope acting as washer. Tighten loosely the nut. Do not tighten tightly until all tank components are installed.

III) CLEAT TYPE A

a) No sealant is required for this cleats as it is install at the top perimeter of tank side wall joints

b) Position the cleat A to match the 2 nos. of 5/8" dia. bolt holes of top tier panels and insert the bolt from the internal of tank through the matching holes with one nut and steel washer from the external of tank.

Note: Certain cleat A are pre-welded at factory to Roof trusses for tank covers, hence, no cleats are provided.

5. ANGLE STAYS (BRACINGS)

(Refer to Stay arrangement drawing(s) provided with each tank)

a) Install the correct length & number of stays to all installed cleat B at both end either from side wall to base panel or across horizontal at four corners of side walls of tanks as indicated in the manufactirer's stay arrangement drawing.

b) Position the 1st tier stays of 5' 8" angle stays (code:S4) for wall and base and insert 5/8" bolt at both end of stays. Tapered bars are required to position the holes of cleats and stays to facilitate easier bolting. *(For 4 tier high tanks (16ftH), high tensile bolts & nuts are use at his stage of stay's bolting)*

c) For large capacity tanks, Stays of 11' 3" (3448mm) (S8) may be required depending on the tank size or the manufacturer's specification.

d) Repeat procedure and making sure the bolts & nuts are tighten loosely only untill all stays are bolted in position and at same time counter check with the stay arrangement drawing for all bolts size, type and length are correctly installed.

6. TANK COVER INSTALLATION

(Refer to tank panel arrangement drawing)

a) Position and install all roof trusses with cleat at both ends to be bolted to side tank walls. Installation is similar to installation of cleat A above.

b) Position and install the roof truss's support (if provided) are bolted to centre of roof trusses length where a single bolt hole is provided on roof trusses and roof truss support.

c) Position and install the purlins (if provided) which ties both roof trusses at centre in position & rigidity.

d) On completion of roof trusses installation, arrange two rows of cover panels across width of tank with 25mm spacing in between cover panel with flanges facing downwards on top of roof trusses. Butyl sealant provided along the 90º flanges & close up the two rows of panels by bolting loosely using 3/8" diameter bolts & nuts.

e) Perimeter angles are provide for the whole perimeter of the tank where the covers sits on the edge ot top tier of tank panels. Perimeter are bolted with 3/8"Ø bolts for covers at 1 side & top tier of tank panels on the other with 1 steel washer and nut.

f) Position the 'Manhole' cover which are standard where required and installation is similar to covers likewise for air vents c/w insect proof netting

7. TIGHTENING SEQUENCE OF BOLTS & NUTS FOR WHOLE TANK

Use electrical impact wrench (MAKITA 6096 or equivalent) for uniform tightening with necessary socket size and pre set torgue settings (29lbs) for speedy assembly and uniform torque for all bolts & nuts tightening. *(Take note to follow safety aspects of using above electrical impact wrench)*

Firstly, tigthen all of all cleat B & angle stay's bolts from the internal of tank. Secondly, externally tighten bolts to tank panels from base to side walls and finally to tank trusses, covers and lastly the cleat Cs. Re-inspect to ensure all bolts & nuts are tightened and stays are correctly positioned as per drawing provided.

8. INSTALLATION OF LADDERS & LEVEL INDICATOR

a) External ladders are supported by a pair of pre welded brackets at the bottom & centre (if provided) are install at the entire height of tank & likewise for top tier brackets bolted at the 90° flanges of tank panels.

b) Internal ladders at top are bolted to the underside of the manhole covers where the brackets were pre welded and to the bottom of ladder to rest on base panel

Ensure the ladders are positioned vertically for both internal & external ladder and tighten properly.

c) Level indicators are mounted on the external tank wall & make sure the position is correct. Each indicator is supplied with a gauge calibrated to the required tank height, 1 set red pointer, nylon cable and a pvc ball float. Bottom & other brackets are pre welded on the indicator.

d) Drill a 6mmØ hole on the tank cover for cable after installation of the level indicator . Insert the cable through the hole and tie the pvc ball float internally and leave it at the bottom of the tank. Tie the other end of cable to pointer, making sure the pointer is at level 0 at the top of the level indicator.

Choose a position preferably at center length or width of tank to avoid cable entangle with internal stays (if any).

On completion of all above, re-check all internal required bolting of stays, box cleats, roof trusses, under side of tank covers all bolts are sufficiently tightened and correctly positioned as per manufacturer's stay arrangement drawing provided. Check pipe openings position as per drawing

After all above has been checked & certified, the tank is ready for water tightnest test.

It is recommended to supervise the filling of tank & repair any leakages (if any) at half full and again after it's full intended water level.

Issued by;

STEELWORKS ENGINEERING SDN. BHD.

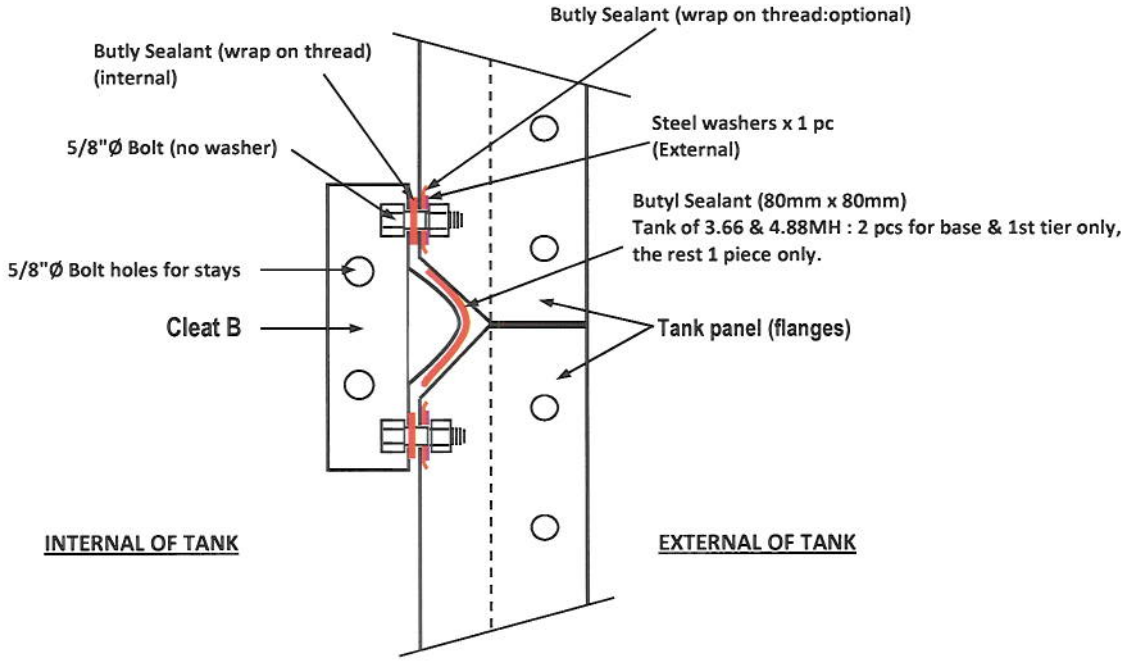
Last Revised 2007/8

DWG: SE 5

(Enlarge to 200% for easy reading)

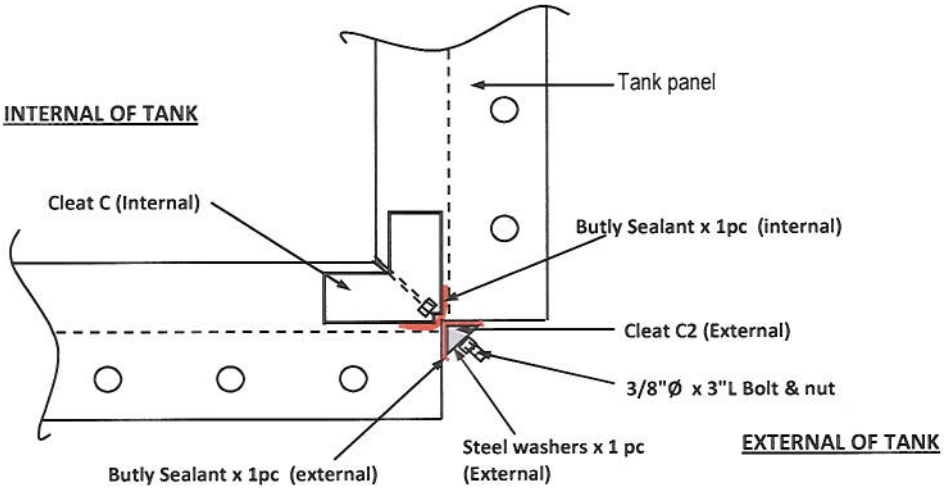
CROSS SECTION OF CLEAT B INSTALLATION

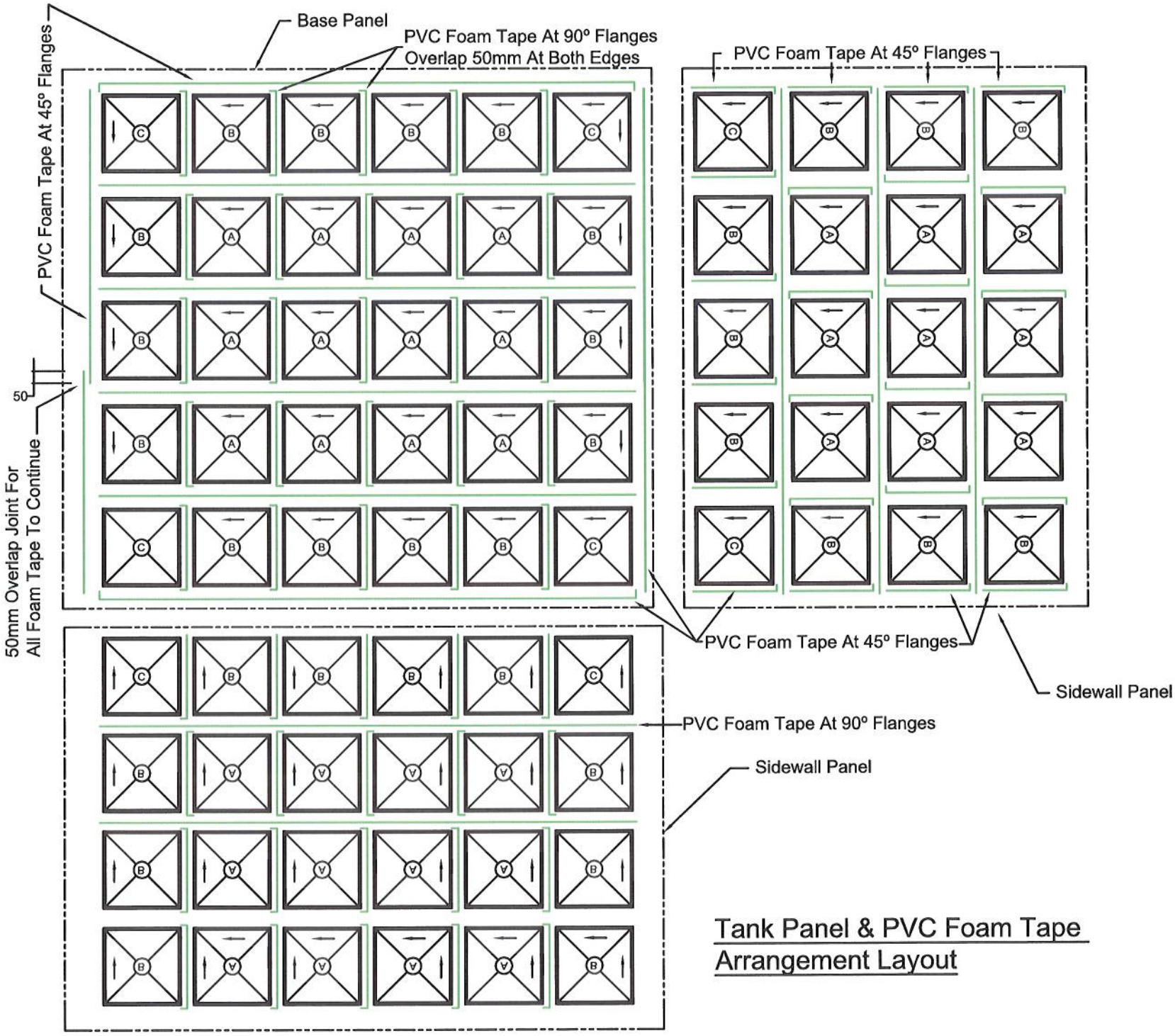
(For standard sectional water tank)



CROSS SECTION OF CLEAT C INSTALLATION

(For standard sectional water tank)





Tank Panel & PVC Foam Tape Arrangement Layout

STEELWORKS ENGINEERING SDN BHD
LOT 3, JALAN 5, CHERAS JAYA INDUSTRIAL ESTATE,
BALAKONG, 43200 SELANGOR D.E., MALAYSIA
T 603 9074 8888 F 603 9075 3333/2
E ENQUIRY@SUNNIK.COM.MY WWW.SUNNIK.COM.MY
MANUFACTURER OF APPROVED SUNNIK WATER TANK

SUNNIK

METHOD STATEMENT

3.6 : LEAK TEST

A INTERNAL OF TANK:

Before leak test, all internal tank reinforcements shall be inspected, making sure the reinforcements arrangement are installed as per final approved drawings. All bolts & nuts are tightened in accordance to the required torque. Physical determination of required torque are achieved by inspection of the bolt's thread are visible with minimum 3.5 thread (dependent on the height of tank & thickness of bracings & brackets). Make sure all debris, unwanted materials, rubbish are cleared and tank internal is free from any objects.

All tank covers trusses are in place and pipeworks are connected with valves for regulating of water supply.

B EXTERNAL OF TANK:

Inspect the tank walls are vertically aligned, all bolts & nuts are tightened to required torque, tank base panels are rested on RC plinth without any gap of more than 5.0mm (shim plate shall be inserted if gap are more than 5.0mm). For tanks above 2.44MH, it is highly recommended the surface of RC plinth shall have steel capping flats to protect the surface of RC Plinth and making sure no other foreign parts are inserted between the tank base & surface of said plinth.

SAMPLE

C LEAK TEST:

After all above are satisfactory accepted, the supervisors or it's agent must be present for any leak test for all tanks making sure the supply pipes & valves are in place and clean water are available for leak test. Regulating of valves supply for leak test shall be done by the Purchaser or it's agent. Test shall be done over 24 hours and the accepted drop in level in the tank, to be measured by markings on the said level indicator, shall not be greater than the drop in level in the evaporation (depends on the temperature at the time of testing).

D WATER FILLING:

The intitial water filling shall be up to 600mm high and shall check for any leakages at the base & wall. Repair any leak found. Thereafter, the second filling shall be next 600mm again and repeat till it reaches its highest intended level. At all level of filling, check the vertical alignment of all side walls making sure if tank wall 'buldge' is detected, stop the water filling and drain to a safe level (depending on the buldge spot/area). Rectify the cause of the buldge (if any) making sure no repeatation occurs.

Should the tank fail to satisfy the test, all leaks shall be searched, make good all defects in watertightness, refill & retest. This procedure shall be repeated untill tank is to the satisfaction of the Engineer or its agent.

E PRECAUTIONS:

The supervisors shall ensure that anyone entering into the tank for any defects rectification shall ensure the safety level of oxygen inside the tank is sufficient. Sufficient ventilation equipments must be in place before any attempt to enter the tank which is a 'confine space'. All precautionary safety procedure must be adhere to before any access into tank.

Issued by,

STEELWORKS ENGINEERING SDN. BHD.

TANK PANEL ARRANGEMENT

Tank Panel
5.0mmtk x 4' x 4' :-
A - 48
B - 48
C - 12
---
108 pcs
====

Tank Cover
1.5mm thk x 4' x 4' :-
R - 33
R(AV) - 2
MH - 1
---
36 Pcs
=====

B	A	A	A	A	B
B	A	A	A	A	B
C	B	B	B	B	C

B	B	C
A	A	B
A	A	B
A	A	B
A	A	B
B	B	C

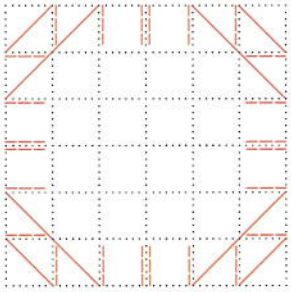
C	B	B	B	B	C
B	A	A	A	A	B
B	A	A	A	A	B
B	A	A	A	A	B
B	A	A	A	A	B
C	B	B	B	B	C

C	B	B
B	A	A
B	A	A
B	A	A
B	A	A
C	B	B

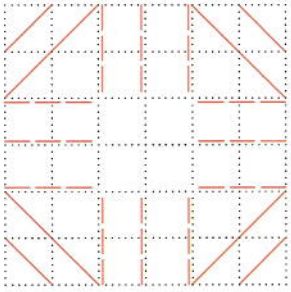
C	B	B	B	B	C
B	A	A	A	A	B
B	A	A	A	A	B

STAY ARRANGEMENT

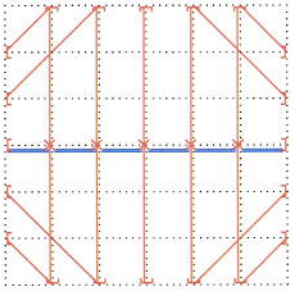
4' LEVEL



8' LEVEL



12' LEVEL

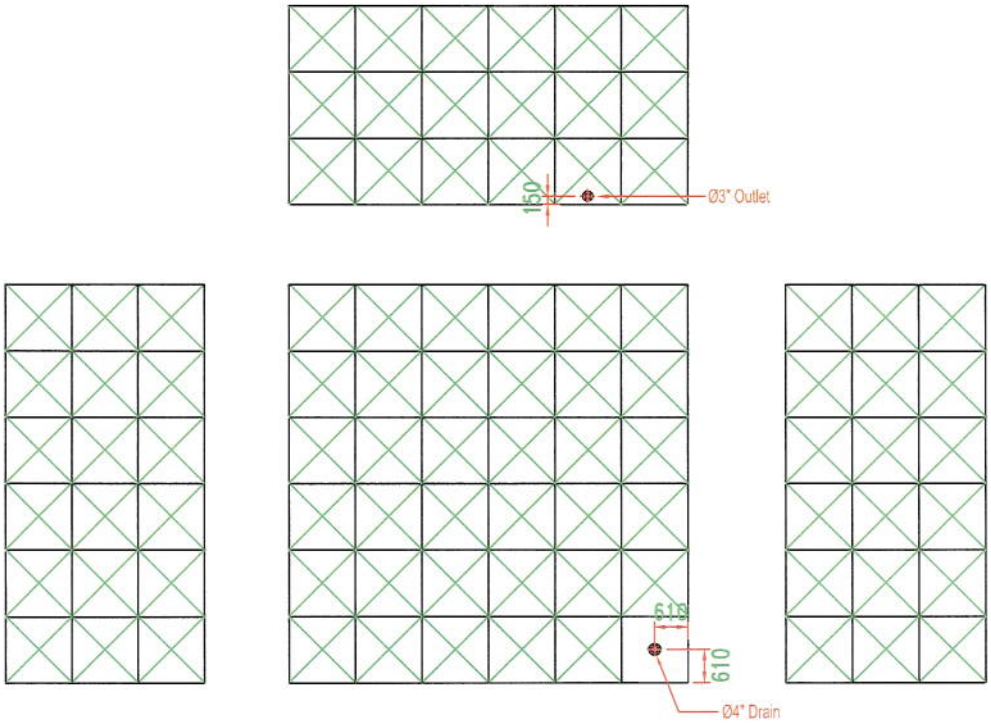


ACCESSORIES

Imperial Size :- Total Panel & Accessories 24' x 24' x 12' (HDG)

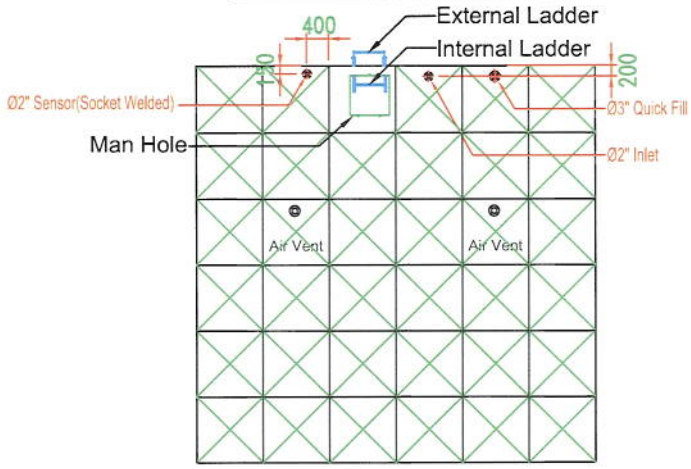
Length	Breadth	Height	Gallons	Total Tank Panel (5.0mmtk)	Stay 67¾" (S4)	Stay 11'-3¾" (S8)	Cleat 'A' (CA) AL = 8, AY = 2	Cleat 'B' (CB)	Cleat 'C' (CC)	9/16"x1¼" B,N&W (HDG)	5/8"x1½" B,N&W (HDG)	3/8"x3" B,N&W (HDG)	3/8"x1" B,N&W (HDG)	PVC Foam Tape 45W (Ft) for Panel	PVC Foam Tape 20W (Ft) for Cover	Seelant Gums (pcs)	Total Cover 1.5mmtk c/w Manhole (R)	Air vent c/w Insect Proof Net (RV)	Perimeter angle (PA)	12' Joint OP Trusses RHS (RT12J)	12' Angle support (RTS12)	Purlin (PR)	Internal ladder (12ft)	External ladder (12ft)	Level indicator (12ft)
24	24	12	43200	108	36	24	20	65	28	3284	540	28	690	850	350	186	36	2	24	10	5	6	1	1	1
							(10)			3284	300	56	144				(1)						HDG	HDG	HDG

SUNNIK	Steelworks Engineering Sdn. Bhd. (113732-U) Lot 3, Jalan 5, Cheras Jaya Industrial Estate, Balakong, 43200 Selangor Darul Ehsan. Malaysia Tel : 603 - 90748888 Fax : 603 - 90753333/2	PROJECT :	P/O NO - 4074		
	CLIENT : AMERICAN EMBASSY SITE : KINGSTON, JAMAICA	DRW TITLE :	TANK SIZE: 24' X 24' X 12'(H)		
		DETAIL :	PANEL & STAY ARRANGEMENT		
SCALE N.T.S	DRWN NO: SE-OWO-AE-HDG-KJ-001	DATE : 26-05-2014	DELIVERY DATE : 30-06-2014	DRAWN BY : Ahmad	APPROVED BY : Yester REV 00



Tank Open View

Open Out Layout



Tank Cover

Pipe Opening to be Table 'E' Flange Type

SUNNIK	Steelworks Engineering Sdn. Bhd. (113732-U) Lot 3, Jalan 5, Cheras Jaya Industrial Estate Balakong, 43200 Selangor Darul Ehsan, Malaysia. Tel : 603 - 90748888 Fax : 603 - 90753333/2		PROJECT :	P/O NO - 4074		
	CLIENT : AMERICAN EMBASSY SITE : KINGSTON, JAMAICA		DRW. TITLE :	TANK SIZE: 7.32m x 7.32m x 3.66m		
			DETAIL :	PANEL & STAY ARRANGEMENT		
SCALE : N.T.S	DRWN NO : SE-OSO-AE-HDG-14-KJ-001	DATE : 11-06-2014	DEL DATE : 30-06-2014	DRAWN BY : Ahmad	CHECK BY : Lester	REV NO : 00

Site Plan

ST. ANDREW, JAMAICA

TOPOGRAPHIC SURVEY OF THE COLIN POWELL RESIDENTIAL PLAZA (CROWNE PLAZA)

SCALE 1:250

Prepared for
CHRIS SPAULDING & ASSOCIATES

REFERENCE

Utility pole		Concrete Wall		Manhole	
Spot Height	0.00m	Stone Wall		Building	
Contours	99.0 m / 97.0 m	Stone Wall (Dwl)		Benchmark	
Lamp Post		Chainlink Fence		Trees	
Invert Level		Kerb			
Guy Wire		Edge of Asphalt			

(palm)

metres 5 3.0 0 5 10 15 20 25 metres

SCALE : 1cm To 2.5m R.F. 1/250
VERTICAL DATUM: Assumed
CONTOURS AT 1.0m VERTICAL INTERVAL
Date of Survey: June, 2014

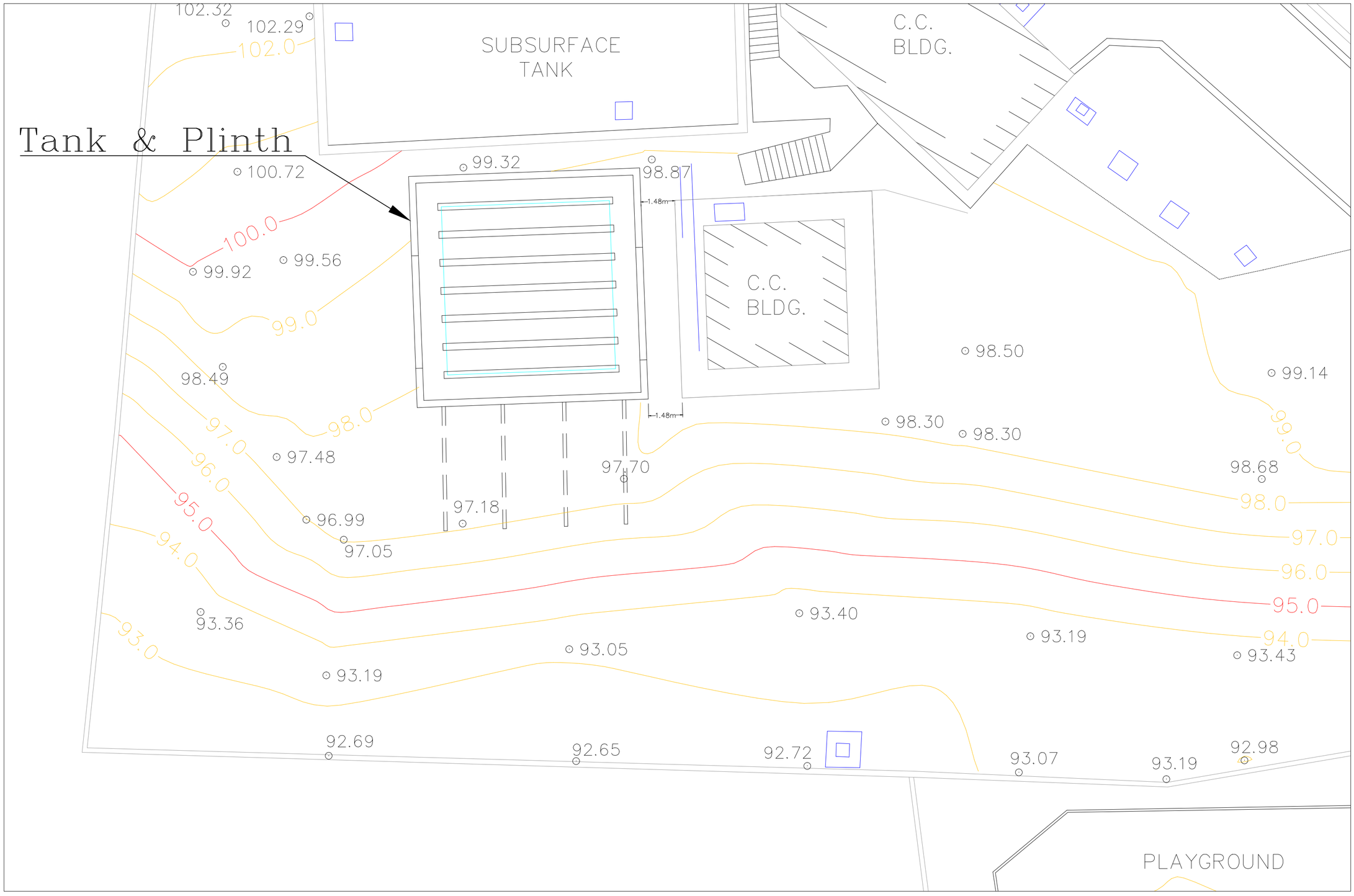
GRID NORTH

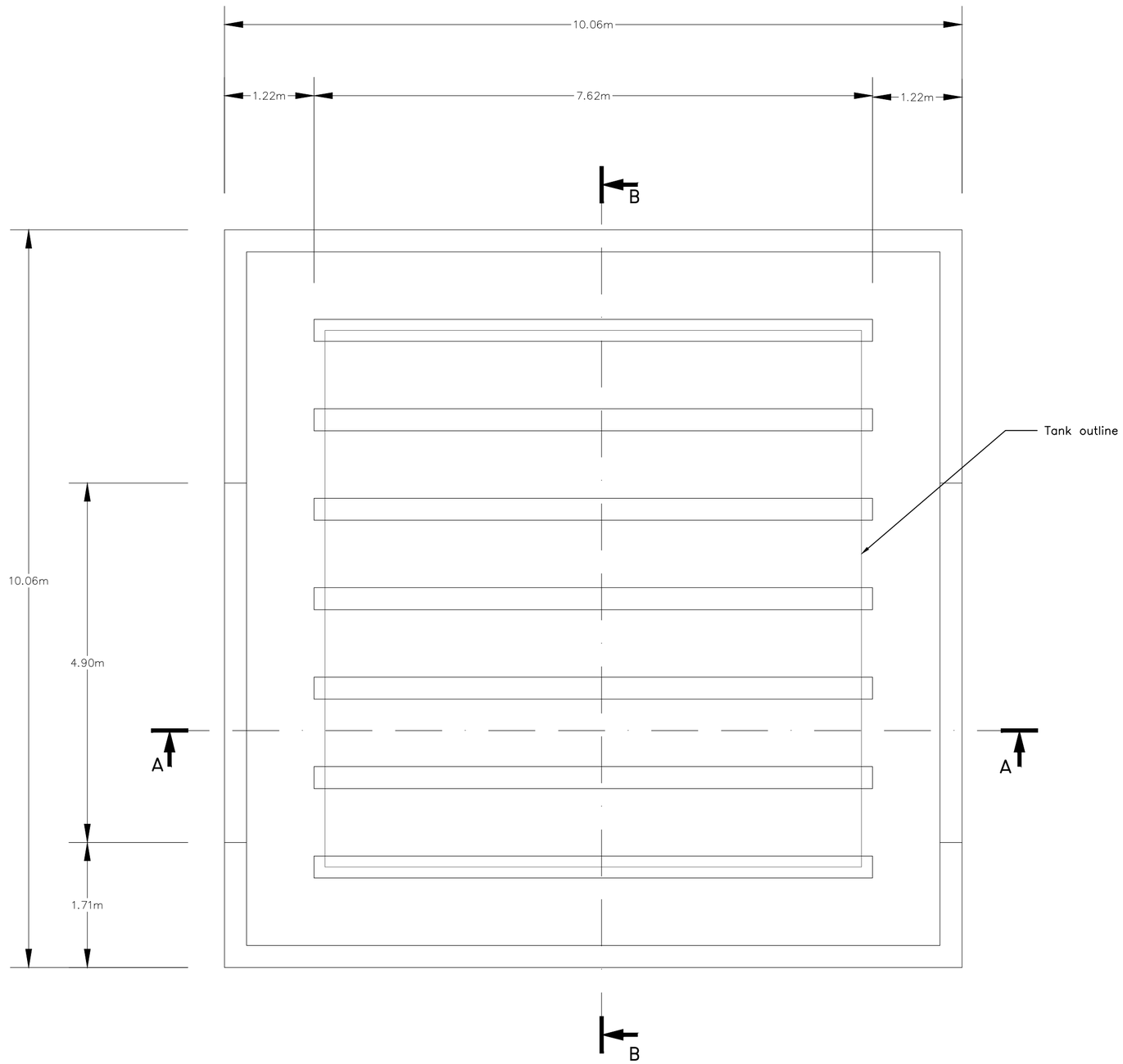
Notes:
- All measurements are shown in metric units
- Horizontal Datum is Jamaica National Grid – JAD2001
- Information shown on this plan represents features identifiable during the period of survey. Any omissions or inconsistencies identified should be reported to the surveyor.

Surveyed by:
Timothy A. Thwaites Bc. MSc.
Commissioned Land Surveyor

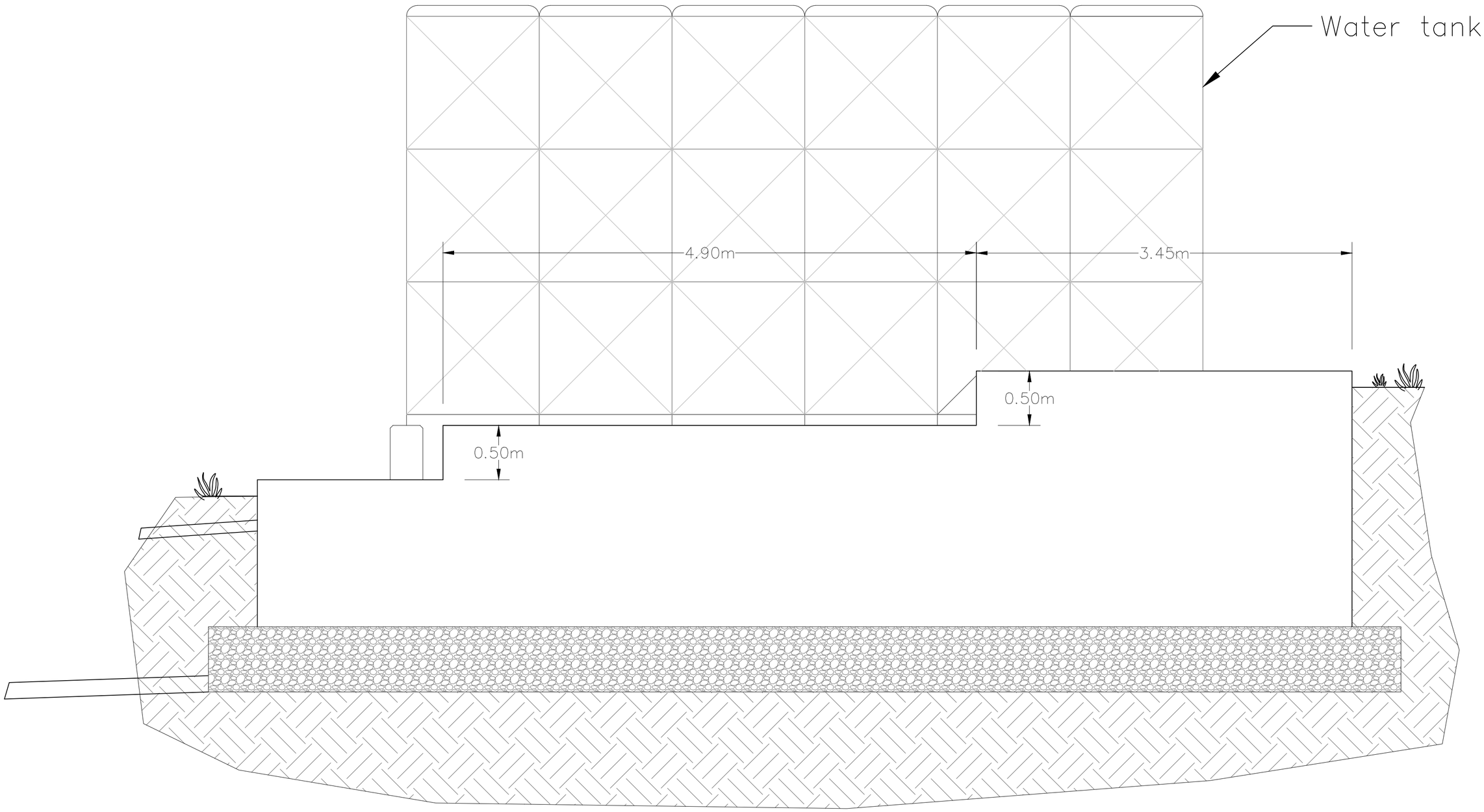
Sheet 1 of 7

PROJECT ZONE

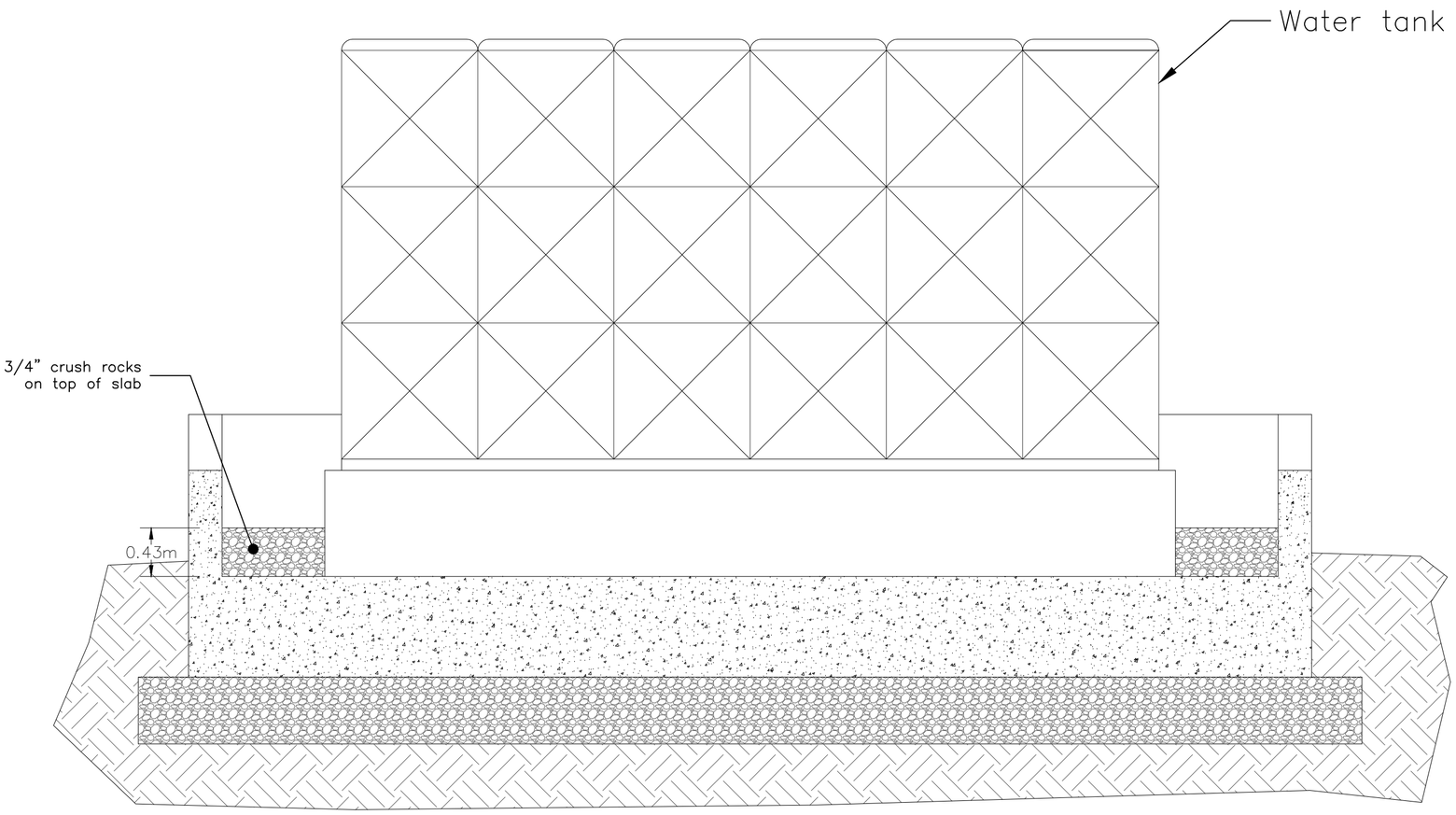




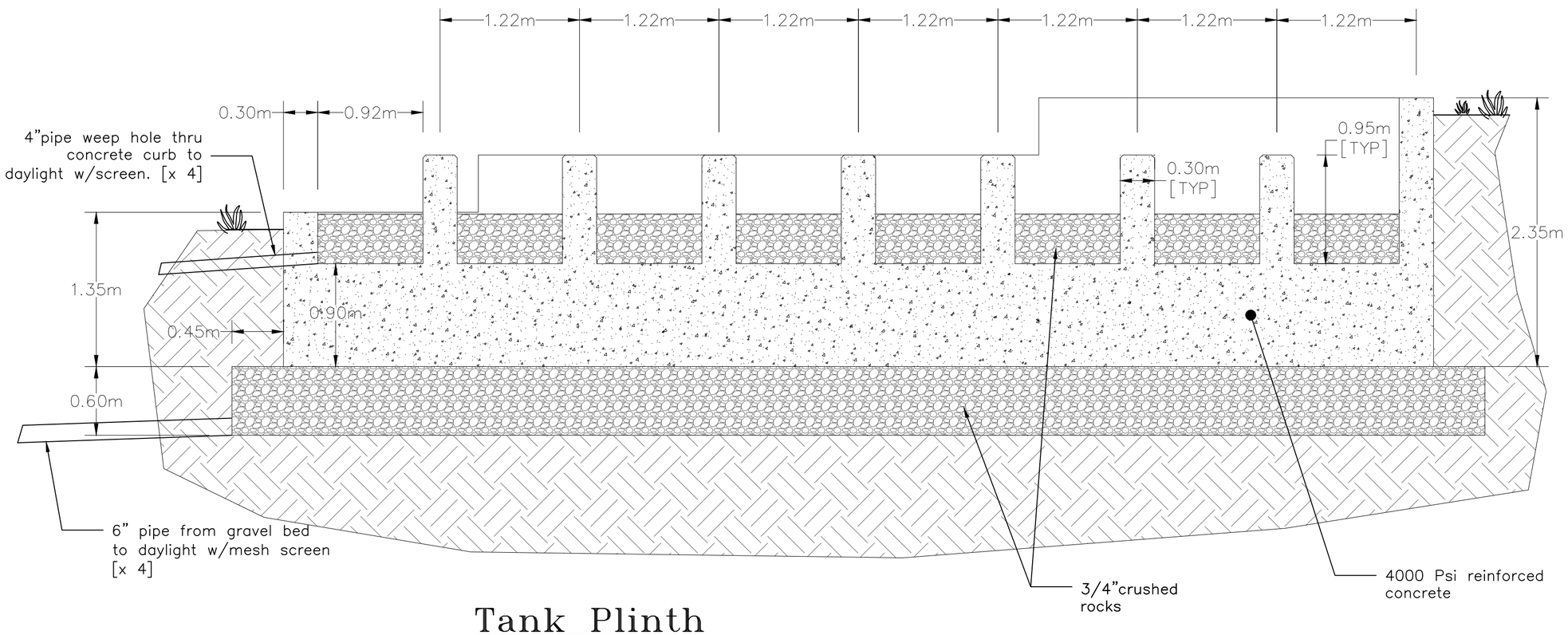
Tank Plinth
Plan View



Tank Plinth
End Elev.

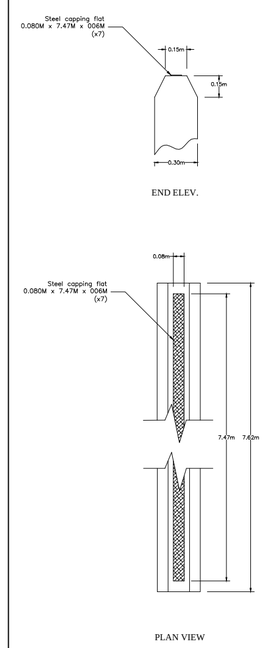


Tank Plinth
Section Elev. A-A



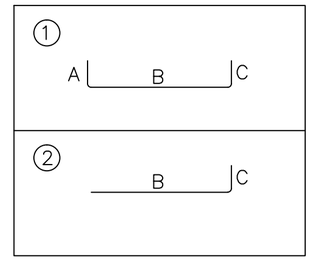
Tank Plinth
Section Elev. B–B

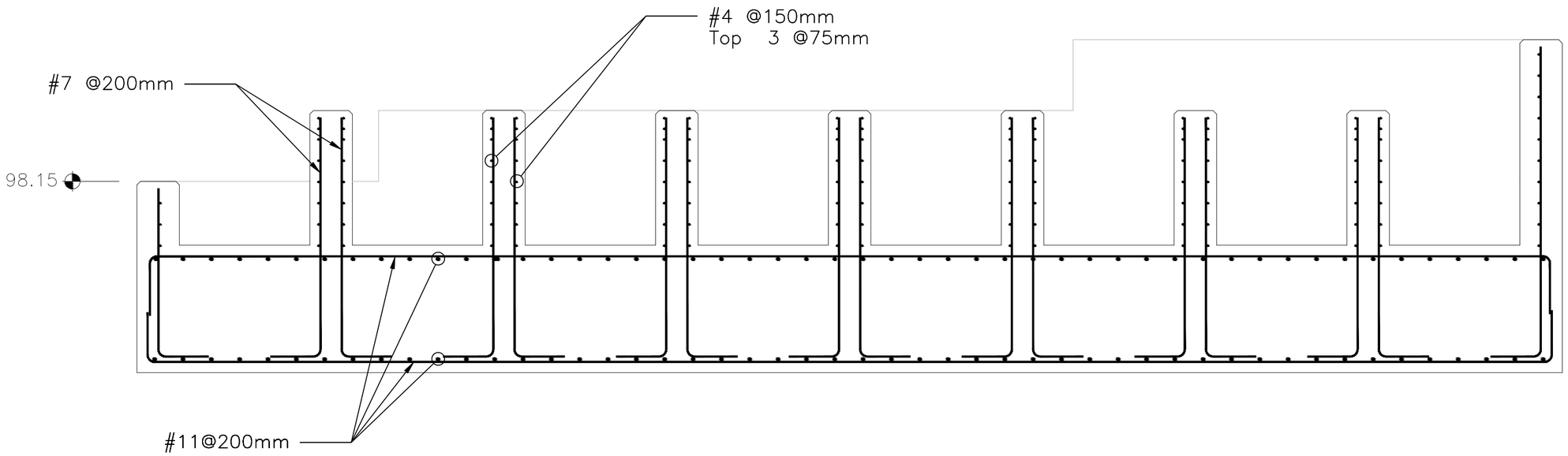
R. C. Plinth Top Details (Typ. 7)



Sheet 6 of 7

Qty	Size	Theo Length	Bend Type	Bending dimensions		
				A	B	C
200	11	10.91	1	0.50	9.91	0.50
67	7	1.525	2		1.225	0.30
535	7	2.00	2		1.70	0.30
49	7	2.00	2		1.70	0.30
85	7	2.55	2		2.225	0.30
112	4	7.52				
12	4	10.36	1	0.30	9.76	0.30
6	4	8.45	2		8.15	0.30
6	4	10.36	1	0.30	9.76	0.30
6	4	3.55	2		3.25	0.30





Tank Plinth
Section Elevation B-B
Rebar Details