



CONSULATE GENERAL OF THE
UNITED STATES OF AMERICA
Jeddah, Saudi Arabia

March 1, 2021

Dear Prospective Offeror:

SUBJECT: Solicitation Number 19SA4021Q0003 for the Construction of Carwash Platform at US Consulate, Jeddah.

The Consulate of the United States of America invites you to submit a quote for the Construction of Carwash Platform at US Consulate General at Safa Street, Mohammedia District in Jeddah, Saudi Arabia.

The Consulate intends to conduct a site visit for the requested services. The site visit will be held **March 22, 2021 at 10:00 am** at the Consulate Compound

Offerors intending to participate in the pre-proposal conference shall be required to submit the names of those company representatives attending, to email JeddahContractingOffice@state.gov no later than COB 1700 Hrs. March 17th, 2021

Submit your Quote in a sealed envelope marked "Quotation Enclosed" to the Contracting officer Ms. Katherine Reilly on or before April 15th, 2021 at 5 pm. No proposal will be accepted after this date.

For a proposal to be considered, you must also complete and submit the following:

1. SF-1442
2. Section B and Attachment 1, Proposal Breakdown by Divisions;
3. Section K, Representations and Certifications;
4. Bar Chart illustrating sequence of work to be performed;
5. Additional information as required in Section L.

Direct any questions regarding this solicitation to Jeddahcontractingoffice@state.gov telephone 012-220-5000 Ext: 3062 during regular business hours.

Sincerely,

Katherine Reilly
Contracting Officer



SOLICITATION DOCUMENT



**American Consulate General Jeddah, Saudi Arabia
Contracting and Procurement Office**

Construction of Carwash Platform and Installation of Hydro-pad for the car wash station

Solicitation No. 19SA4021Q0003

American Consulate General, Jeddah
PO Box 149
Jeddah 21411
Saudi Arabia
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SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO. 19SA4020Q0007	2. TYPE OF SOLICITATION <input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFQ)	3. DATE ISSUED July 19, 2020	PAGE OF PAGES 3 of 81
	IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.			

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO. PR9253462	6. PROJECT NO.
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7. ISSUED BY Contracting Officer US Consulate General P.O. Box 149 Jeddah 21411, Saudi Arabia, Tel: 12-220-5000	CODE	8. ADDRESS OFFER TO Same as block # 7
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9. FOR INFORMATION CALL: →	A. NAME Katherine Reilly	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS) 12-220-5000
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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):
Construction of Overflow Parking Lot as per the attached SOW (Section 1) & Drawings in the Attachment#1 of the solicitation SF-1442

- A. PRICE
 - B. SCOPE OF WORK
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- ATTACHMENTS: Attachment 1: DRAWINGS

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

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES," indicate within how many calendar days after award in Item 12B.)</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12B. CALENDAR DAYS
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13. ADDITIONAL SOLICITATION REQUIREMENTS:
- A. Sealed offers in original and ____ copies to perform the work required are due at the place specified in Item 8 by 1700 (hour) local time July 2, 2020 (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, 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 ____ 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)
CODE FACILITY CODE	16. REMITTANCE ADDRESS (Include only if different than Item 14)

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 a 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
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
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24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)	ITEM ➔	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()
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26. ADMINISTERED BY CODE	27. PAYMENT WILL BE MADE BY
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CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input type="checkbox"/> 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 stated 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	<input type="checkbox"/> 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.
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30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31A. NAME OF CONTRACTING OFFICER
30B. SIGNATURE	31B. UNITED STATES OF AMERICA BY
30C. DATE	31C. AWARD DATE

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.

DESCRIPTION	Amount in USD/SAR
The contractor shall construct a concrete platform and install Government furnished Hydro-pad for the carwash station at the US Consulate General Compound as per the attached Scope of Work in section B & the Attachment#1 & 2 of the solicitation.	
VAT	
Grand Total	

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

The contractor shall construct a concrete platform and install Government furnished Hydro-pad for the car wash station. The Contractor shall furnish and install all materials required by this contract. In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall apply also to all other portions of the work.

B.1 PRICES AND PERIOD OF PERFORMANCE

The Consulate General of the United States of America requires services from a qualified contractor to construct a concrete platform and install Government furnished Hydro-pad for the car wash station. The contractor will be responsible for restoration repairs on the walls and floor surfaces areas around the location for the car wash. The location of car wash station is the east of SPX building on the consulate compound. The contractor shall be responsible for labor, materials, equipment, required for the execution of the project. The Government will pay the contractor a firm fixed price for standard services that have been satisfactorily performed.

B.2 SCOPE OF WORK

The Contractor shall perform the following activities:

B.2.1 The site and the Hydro-pad shall be inspected by the contractor in the presence of the Contracting Officer's Representative. The contractor shall be responsible for damage or loss occurring after the inspection and during the installation.

B.2.2 Contractor shall review manufacturer provided drawings prior to the construction of concrete platform and construct the platform per the manufacturer recommendations, all drawings will be provided to the contractor.

B.2.3 Excavation of the area and backfilling as per manufacturer recommendations.

B.2.4 Construction of a concrete platform is roughly 8 meters long, 7 meter wide, to be verified by the contractor.

B.2.5 Design parameters are:

- (a) Minimum allowable bearing pressure of 100kN/m^2 with an anticipated settlement of 25mm.
- (b) Modulus of subgrade reaction of $27\text{Mpa/m}^2/\text{m}$.
- (c) Minimum design wind speed: 59 m/s.
- (d) Seismic accelerations: $S_s=0.62$ $S_1=0.30$.

B.2.6 The material for concrete platform shall be:

- (a) Cement: Type V
- (b) Concrete: f_c 35MPa (min) w/c: (0.45)
- (c) Reinforcing Steel: 420MPa min.

B.2.7 Highly corrosive soils call for Type V cement and rebar cover in accordance with ACI. All concrete shall be smooth with a trowel finished. All the gradient slopes shall be in accordance with manufacturer recommendations.

B.2.8 Hydro-pad shall be installed after proper curing of concrete platform.

B.2.9 Contractor shall be responsible for the assembly and installation of Hydro-pad as instructed by the manufacturer in the installation manual. Installation manual will be provided to the contractor.

B.2.10 Contractor shall provide a twelve-month warranty for normal operation for work performed.

B.2.11 Contractor is responsible for safety at the work site and shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety and

similar matters. The contractor shall be responsible to provide risk assessment and safety procedures. The Contractor shall promptly report all accidents resulting in lost time, disabling, or fatal injuries to the COR.

B.2.12 Contractor is responsible for providing all the necessary PPE to the workforce and make sure that his crew always use appropriate PPE during the execution of work.

B.2.13 The Contractor shall remove all garbage from the premises after work is finished. The Contractor shall clean, wash and remove debris and repair affected areas.

B.3 PRE-CONSTRUCTION REQUIREMENTS

B.3.1 The Contractor shall examine all the documents and visit the site to fully inform themselves of all the conditions and limitations applied to the work and submit a firm fixed price cost proposal for all the work. No subsequent cost allowance will be made to the Contractor for neglect of the existing conditions.

B.3.2 Provide a statement that the Contractor's company and all personnel are experienced in concrete and equipment installation similar to type and scope required for the work.

B.3.3 The Contractor shall prepare and submit a Quality Control Schedule [QCS] and Project Safety Plan [PSP] to address the project sites. The QCS and PSP are intended to document the entire project from beginning to end.

B.3.4 Submit a copy of a Contractor's Installation Guarantee covering the work, labor and equipment for a period of ONE [1] year at no cost to the Consulate signed by the Contractor.

B.4 CONSTRUCTION REQUIREMENTS

B.4.1 The construction of the concrete platform shall not begin until approval of the pre- Construction submittal by the COR.

B.4.2 The Contractor shall be responsible for all required materials, equipment and personnel to manage, administer, and supervise the project. All workmanship shall be of good quality and performed in a skillful manner.

B.4.3 All materials and equipment incorporated into the project shall be new unless noted otherwise. The Contractor shall transport and safeguard all materials and equipment required for construction.

B.4.4 Equipment and materials shall be carefully handled, properly stored, and adequately protected to prevent damage before and during installation, in accordance with the manufacturer's recommendations. Damaged or defective items shall be replaced.

B.4.5 The Contractor shall always keep the work area free from accumulation of waste materials. Upon completing construction, the contractor shall remove all temporary facilities and leave the project site in a clean and orderly condition acceptable to the COR.

B.4.6 The Contractor shall perform the work at the site during the Consulate's normal workday hours, unless agreed upon with the COR.

B.4.7 At the end of each workday, or notification of a temporary stop order, the Contractor shall lower and fixed all temporary work platforms and/or harnesses. Contractor shall notify the COR of the temporary barricade locations. Beginning the next workday, the contractor shall remove the temporary barricades before continuing the project.

B.4.8 Storm Protection - Should warnings of wind of gale force or stronger be issued, the Contractor shall take every practicable precaution to minimize danger to person, the work and adjacent property. Precautions shall include, but not be limited to, closing all openings, removing all loose materials, tools and equipment from exposed locations, and other temporary work.

B.4.9 Cleanup - The Contractor shall keep the work areas free from accumulations of waste materials daily, transport and dispose-off wastes. The Contractor shall not use residential or US Government Facility waste disposal facilities including garbage cans, trash piles or dumpsters.

B.5 SCHEDULE

The Contractor shall submit to the COR a schedule and description of all tasks which the Contractor plans to provide.

B.6 HOURS OF PERFORMANCE

Available times for services required are from Sundays through Thursdays, from 08h00 to 16h30, prior coordinating with Consulate for entry permission.

The Contractor will also be responsible of any damage of premises resulting of this job, and restoration of the damages will be expected to occur within the 20 calendar days of the period given to complete the job.

Once job is finished, contractor will inform the U.S. Consulate to inspect and approve the work performed.

END OF STATEMENT OF WORK

C. PACKAGING AND MARKING

Reserved

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 **15** calendar 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 **30** days after NTP.

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 **SAR500** 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 **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 **08:00 to 16:30 Sundays through Thursdays**. 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 **US Consulate General, Jeddah** 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:			
<u>Description</u>	<u>Quantity</u>	<u>Deliver Date</u>	<u>Deliver To</u>
Section G. Securities/Insurance	1	10 days after award	CO
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	Last calendar day of each month	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 **Eng. Ziaullah Khan, Facility Engineer.**

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.

Requests for payment, may be made no more frequently than monthly. Payment requests shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.

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.

US Consulate General
Jeddah, Saudi Arabia
Management Office
JeddahDBODL@state.gov

The Contractor shall show Value Added Tax (VAT) as a separate item on invoices submitted for payment.

G. SPECIAL REQUIREMENTS

G.1.0 PERFORMANCE/PAYMENT PROTECTION - The Contractor shall furnish some form of payment protection as described in 52.228-13 in the amount of 50% of the contract price.

G.1.1 The Contractor shall provide the information required by the paragraph above within ten (10) calendar days after award. Failure to timely submit the required security may

result in rescinding or termination of the contract by the Government. If the contract is terminated, the Contractor will be liable for those costs as described in FAR 52.249-10, Default (Fixed-Price Construction), which is included in this purchase order.

G.1.2 The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time. This security shall also guarantee the correction of any defects after completion, the payment of all wages and other amounts payable by the Contractor under its subcontracts or for labor and materials, and the satisfaction or removal of any liens or encumbrances placed on the work.

G.1.3 The required securities shall remain in effect in the full amount required until final acceptance of the project by the Government. Upon final acceptance, the penal sum of the performance security shall be reduced to 10% of the contract price. The security shall remain in effect for one year after the date of final completion and acceptance, and the Contractor shall pay any premium required for the entire period of coverage.

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. The Contractor shall at its own expense provide and maintain during the entire performance period the following insurance amounts:

G.2.1 GENERAL LIABILITY (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury) :

(1) BODILY INJURY, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	USD250,000.00
Cumulative	USD500,000.00
(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	USD250,000.00
Cumulative	USD500,000.00

G.2.2 The foregoing types and amounts of insurance are the minimums required. 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 30 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 [https://www.ecfr.gov/cgi-bin/text-idx?SID=2e978208d0d2aa44fb9502725ecac4e5&mc=true&tpl=/ecfrbrowse/Title48/48chapter6.t](https://www.ecfr.gov/cgi-bin/text-idx?SID=2e978208d0d2aa44fb9502725ecac4e5&mc=true&tpl=/ecfrbrowse/Title48/48chapter6.tpl) 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):

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.202-1	DEFINITIONS (JUN 2020)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2018)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (JUL 2016)
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (JUN 2020)
52.209-9	UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JUL 2013)
52.213-4	TERMS AND CONDITIONS-SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (NOV 2020)
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 2018)
- 52.222-50 COMBATING TRAFFICKING IN PERSONS (OCT 2020)
- 52.223-18 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (JUN 2020)
- 52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)
- 52.225-14 INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
- 52.225-19 CONTRACTOR PERSONNEL IN A DESIGNATED OPERATIONAL AREA OR SUPPORTING A DIPLOMATIC MISSION OUTSIDE THE UNITED STATES (MAR 2008)
- 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 (NOV 2014)
- 52.228-15 PERFORMANCE AND PAYMENT BONDS-CONSTRUCTION (JUN 2020)
- 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 (OCT 2018)
- 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)
- 52.236-13 ACCIDENT PREVENTION (NOV 1991)
- 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 (NOV 2020)
- 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)
- 52.246-26 REPORTING NONCONFORMING ITEMS (DEC 2019)
- 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)

I. FAR CLAUSES INCORPORATED IN FULL TEXT

52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2020)

(a) Definitions. As used in this clause—

Covered foreign country means The People’s Republic of China.

Covered telecommunications equipment or services means—

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation,

Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means—

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(b) Prohibition. Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in Federal Acquisition Regulation 4.2104.

(c) Exceptions. This clause does not prohibit contractors from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at <https://dibnet.dod.mil>. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at <https://dibnet.dod.mil>.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause

(i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.

(e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

II. 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 ADDITIONAL SAFETY MEASURES (OCT 2017)

In addition to the safety/accident prevention requirements of FAR 52.236-13, Accident Prevention Alternate I, the contractor shall comply with the following additional safety measures.

(a) *High Risk Activities*. If the project contains any of the following high risk activities, the contractor shall follow the section in the latest edition, as of the date of the solicitation, of the U.S. Army Corps of Engineers Safety and Health manual, EM 385-1-1, that corresponds to the high risk activity. Before work may proceed, the contractor must obtain approval from the COR of the written safety plan required by FAR 52.236-13, Accident Prevention Alternate I (see paragraph (f) below), containing specific hazard mitigation and control techniques.

- (1) Scaffolding;
- (2) Work at heights above 1.8 meters;
- (3) Trenching or other excavation greater than one (1) meter in depth;

(4) Earth-moving equipment and other large vehicles;

(5) Cranes and rigging;

(6) Welding or cutting and other hot work;

(7) Partial or total demolition of a structure;

(8) 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;

(9) Work in confined spaces (limited exits, potential for oxygen less than 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.);

(10) 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

(11) Hazardous noise levels as required in EM 385-1 Section 5B or local standards if more restrictive.

(b) *Safety and Health Requirements.* The contractor and all subcontractors shall comply with the latest edition of the U.S. Army Corps of Engineers Safety and Health manual EM 385-1-1, or OSHA 29 CFR parts 1910 or 1926 if no EM 385-1-1 requirements are applicable, and the accepted contractor's written safety program.

(c) *Mishap Reporting.* The contractor is required to report **immediately** all mishaps to the COR and the contracting officer. A "mishap" is any event causing injury, disease or illness, death, material loss or property damage, or incident causing environmental contamination. The mishap reporting requirement shall include fires, explosions, hazardous materials contamination, and other similar incidents that may threaten people, property, and equipment.

(d) *Records.* The contractor shall maintain an accurate record on all mishaps 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.

(e) *Subcontracts.* The contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts.

(f) *Written program.* The plan required by paragraph (f)(1) of the clause entitled “Accident Prevention Alternate I” shall be known as the Site Safety and Health Plan (SSHP) and shall address any activities listed in paragraph (a) of this clause, or as otherwise required by the contracting officer/COR.

(1) The SSHP shall be submitted at least 10 working days prior to commencing any activity at the site.

(2) The plan must address developing activity hazard analyses (AHAs) for specific tasks. The AHAs shall define the activities being performed and identify the work sequences, the specific anticipated hazards, site conditions, equipment, materials, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level of risk. Work shall not begin until the AHA for the work activity has been accepted by the COR and discussed with all engaged in the activity, including the Contractor, subcontractor(s), and Government on-site representatives.

(3) The names of the Competent/Qualified Person(s) required for a particular activity (for example, excavations, scaffolding, fall protection, other activities as specified by EM 385-1-1) shall be identified and included in the AHA. Proof of their competency/qualification shall be submitted to the contracting officer or COR for acceptance prior to the start of that work activity. The AHA shall be reviewed and modified as necessary to address changing site conditions, operations, or change of competent/qualified person(s).

(End of clause)

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

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

(2) That it 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	LAYOUT DRAWINGS	44-48
Attachment 2	INSTALLATION MANUAL	49-81

J. QUOTATION INFORMATION

The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The 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>

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 signed and stamped including PRICE TABLE in Section A	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 1442, or if hand-delivered, use the address set forth below:

US Consulate General, Jeddah
Al-Safa St., Al-Muhammadiyah Dist.
Contracting & Procurement Office
JeddahContractingOffice@state.gov

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 **March 22, 2021 at 10:00 am**

(c) Participants will meet at **US Consulate General, Jeddah.**

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be:

None

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):

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-7	SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016)

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

(c) otherwise due under the contract.

(d) 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 (31 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.

(e) 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 FAR 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2020)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is 236118, 236220, 237110, 237310, 237990.

(2) The small business size standard is **\$36.5 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](#), System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), 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) [52.203-18](#), Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements-Representation. This provision applies to all solicitations.

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

(v) [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.

(vi) [52.204-26](#), Covered Telecommunications Equipment or Services-Representation. This provision applies to all solicitations.

(vii) [52.209-2](#), Prohibition on Contracting with Inverted Domestic Corporations-Representation.

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

(ix) [52.209-11](#), Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(x) [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.

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

(xii) [52.219-1](#), Small Business Program Representations (Basic, Alternates I, and II). 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.

(C) The provision with its Alternate II applies to solicitations that will result in a multiple-award contract with more than one NAICS code assigned.

(xiii) [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.

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

(xv) [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.

(xvi) [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.

(xvii) [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.

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

(xix) [52.223-22](#), Public Disclosure of Greenhouse Gas Emissions and Reduction Goals-Representation. This provision applies to solicitations that include the clause at [52.204-7](#).)

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

(xxi) [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 \$83,099, the provision with its Alternate II applies.

(D) If the acquisition value is \$83,099 or more but is less than \$100,000, the provision with its Alternate III applies.

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

(xxiii) [52.225-20](#), Prohibition on Conducting Restricted Business Operations in Sudan-Certification. This provision applies to all solicitations.

(xxiv) [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.

(xxv) [52.226-2](#), Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

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

[Contracting Officer check as appropriate.]

___ (i) [52.204-17](#), Ownership or Control of Offeror.

___ (ii) [52.204-20](#), Predecessor of Offeror.

___ (iii) [52.222-18](#), Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iv) [52.222-48](#), Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Certification.

___ (v) [52.222-52](#), Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Certification.

___ (vi) [52.223-9](#), with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

___ (vii) [52.227-6](#), Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (viii) [52.227-15](#), Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically in SAM website accessed through <https://www.sam.gov>. After reviewing the SAM 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 52.204–24 Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment (OCT 2020).

The Offeror shall not complete the representation at paragraph (d)(1) of this provision if the offeror has represented that it “does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument” in paragraph (c)(1) in the provision at 52.204–26, Covered Telecommunications Equipment or Services—Representation, or in paragraph (v)(2)(i) of the provision at 52.212–3, Offeror Representations and Certifications—Commercial Items. The Offeror shall not complete the representation in paragraph (d)(2) of this provision if the Offeror has represented that it “does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services” in paragraph (c)(2) of the provision at 52.204–26, or in paragraph (v)(2)(ii) of the provision at 52.212–3.

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

Backhaul, covered telecommunications equipment or services, critical technology, interconnection arrangements, reasonable inquiry, roaming, and substantial or essential component have the meanings provided in the clause [52.204-25](#), Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) *Prohibition.*

(1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract or extending or renewing a contract with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(c) *Procedures.* The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (<https://www.sam.gov>) for entities excluded from receiving federal awards for “covered telecommunications equipment or services”.

(d) *Representation.* The Offeror represents that—

(1) It will, will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation. The Offeror shall provide the additional disclosure information required at paragraph (e)(1) of this section if the Offeror responds “will” in paragraph (d)(1) of this section; and

(2) After conducting a reasonable inquiry, for purposes of this representation, the Offeror represents that—

It does, does not use covered telecommunications equipment or services, or use any equipment, system, or service that uses covered telecommunications equipment or services. The Offeror shall provide the additional disclosure information required at paragraph (e)(2) of this section if the Offeror responds “does” in paragraph (d)(2) of this section.

(e) *Disclosures.*

(1) Disclosure for the representation in paragraph (d)(1) of this provision. If the Offeror has responded “will” in the representation in paragraph (d)(1) of this provision, the Offeror shall provide the following information as part of the offer:

(i) For covered equipment—

(A) The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the original equipment manufacturer (OEM) or a distributor, if known);

(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(ii) For covered services—

(A) If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B) If not associated with maintenance, the Product Service Code (PSC) of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(2) Disclosure for the representation in paragraph (d)(2) of this provision. If the Offeror has responded “does” in the representation in paragraph (d)(2) of this provision, the Offeror shall provide the following information as part of the offer:

(i)For covered equipment—

(A)The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known);

(B)A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C)Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(ii)For covered services—

(A)If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B)If not associated with maintenance, the PSC of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(End of provision)

L.4. 52.209-2 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS REPRESENTATION (NOV 2015)

(a) Definitions. “Inverted domestic corporation” and “subsidiary” have the meaning given in the clause of this contract entitled Prohibition on Contracting with Inverted Domestic Corporations ([52.209-10](#)).

(b) Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with either an inverted domestic corporation, or a subsidiary of an inverted domestic corporation, unless the exception at [9.108-2\(b\)](#) applies or the requirement is waived in accordance with the procedures at [9.108-4](#).

(c) Representation. The Offeror represents that.

- (1) It is, is not an inverted domestic corporation; and
- (2) It is, is not a subsidiary of an inverted domestic corporation.

(End of provision)

L.5. 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.6 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:

L.7 52.225-20 PROHIBITION ON CONDUCTING RESTRICTED BUSINESS OPERATIONS IN SUDAN – CERTIFICATION (AUG 2009)

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

“Business operations” means engaging in commerce in any form, including by acquiring, developing, maintaining, owning, selling, possessing, leasing, or operating equipment, facilities, personnel, products, services, personal property, real property, or any other apparatus of business or commerce.

“Marginalized populations of Sudan” means—

(1) Adversely affected groups in regions authorized to receive assistance under section 8(c) of the Darfur Peace and Accountability Act (Pub. L. 109-344) (50 U.S.C. 1701 note); and

(2) Marginalized areas in Northern Sudan described in section 4(9) of such Act.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person conducting the business can demonstrate—

(1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;

(2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;

(3) Consist of providing goods or services to marginalized populations of Sudan;

(4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;

(5) Consist of providing goods or services that are used only to promote health or education; or

(6) Have been voluntarily suspended.

(b) *Certification.* By submission of its offer, the offeror certifies that it does not conduct any restricted business operations in Sudan.

(End of provision)

ATTACHMENT 1

LAYOUT DRAWINGS

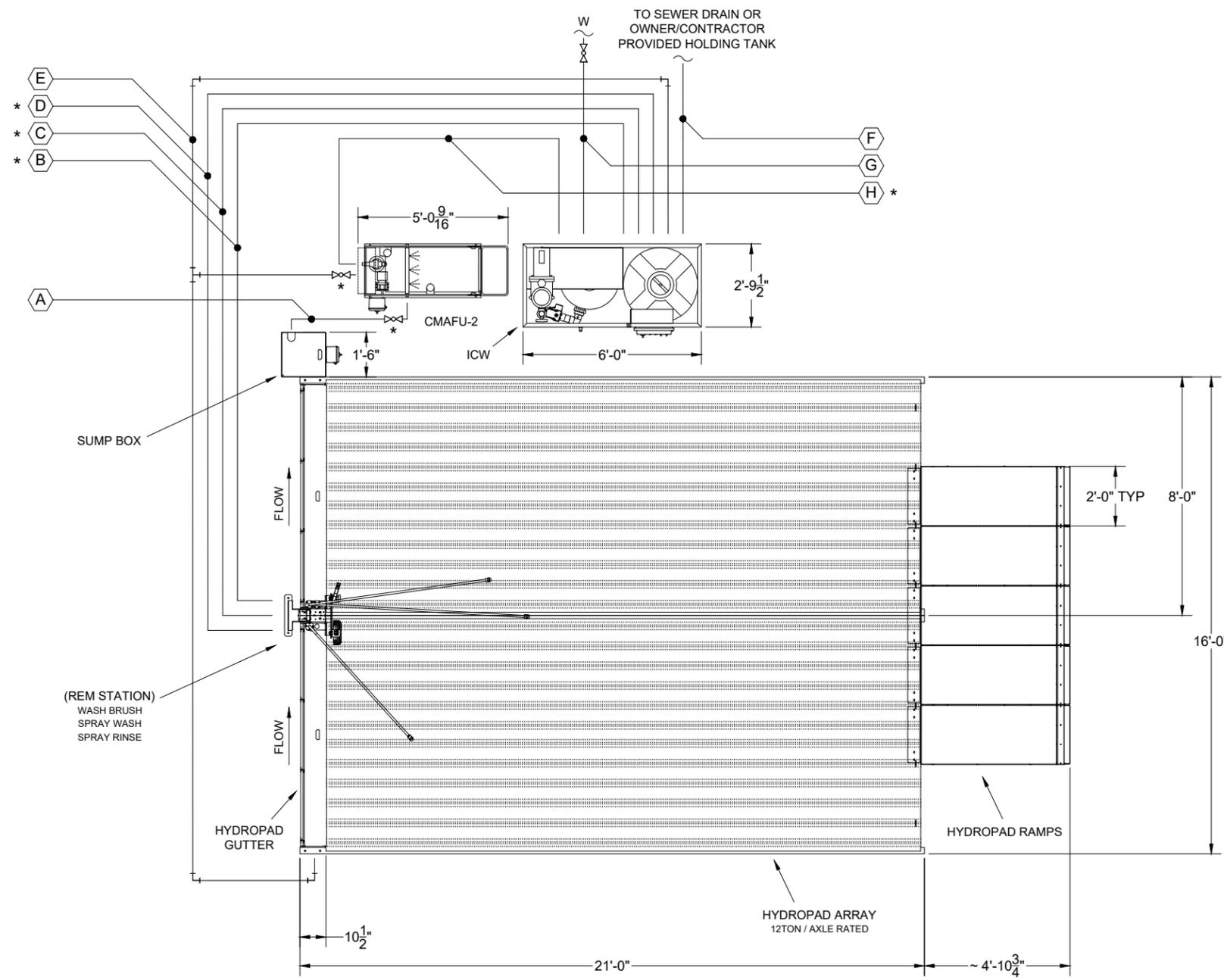
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	HYDROBLASTERS - HYDROKLEEN - HYDROPAD www.hydroblaster.com



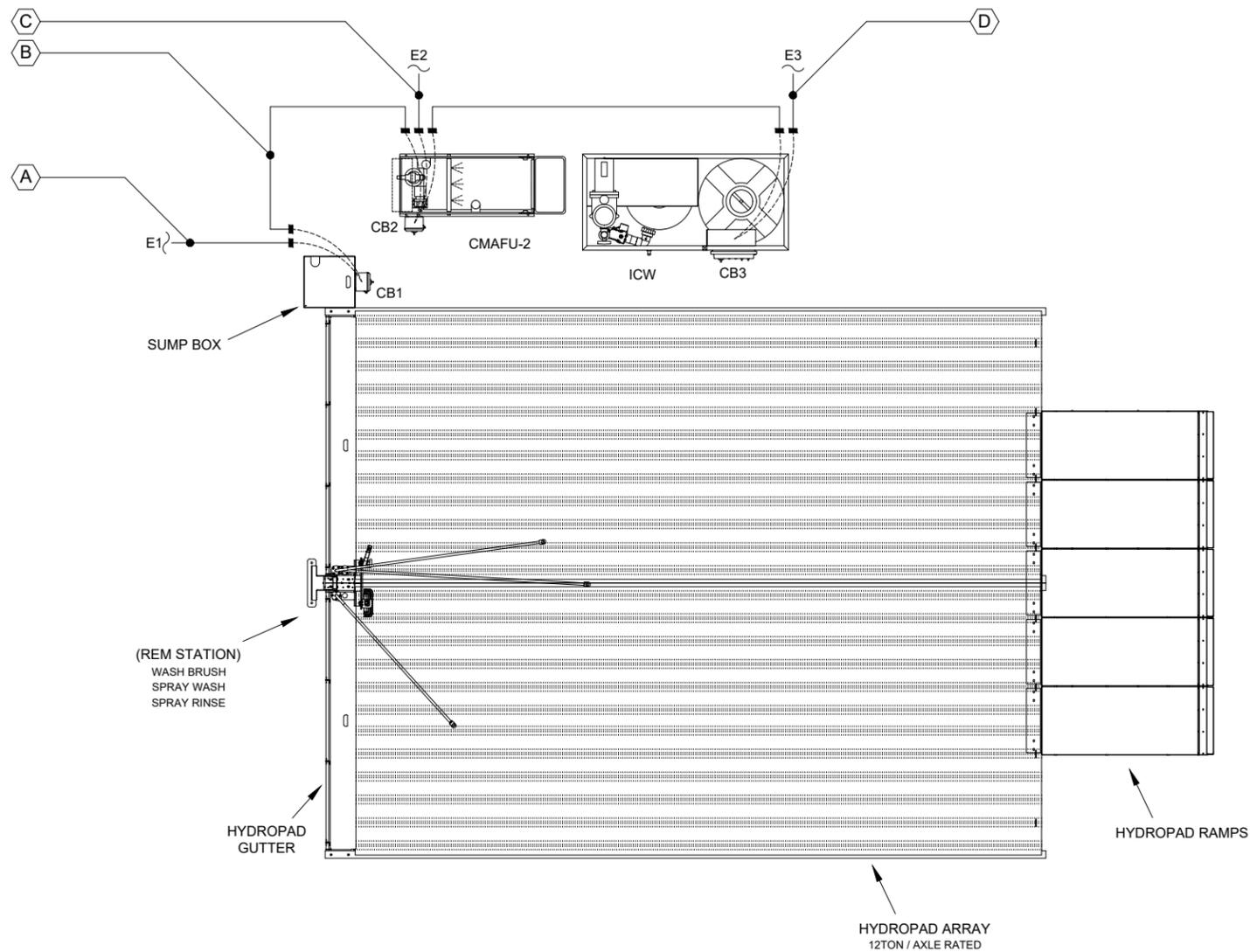
ITEM	PLUMBING RUN DESCRIPTION
A	SUPPLY LINE FROM SUPPLYING SUMP PUMP IN SUMP BOX MIN. 1-1/2" SCH40 PVC PIPE OR HOSE. SUPPLY LINE TO ROUTE & CONNECT FROM SUMP BOX PLUMBING TO CMAFU-2. 3/4" HOSE BARB FITTING PROVIDED AT CMAFU-2.
B	RECYCLED WATER LINE TO REM BOOMS 1/2" APH HOSE, 30 FT., TO CONNECT & ROUTE FROM LOW-PRESSURE RECYCLED WATER SUPPLY CONNECTION AT ICW TO REM. THIS LINE TO CONNECT TO ONE OF THREE BOOMS AT REM STATION. BOOM TO CONNECT TO WASH BRUSH ON WASHPAD SIDE, 50 FT., HOSE (HEI SUPPLIED).
C	SPRAY WASH HIGH PRESSURE DISCHARGE LINE TO REM BOOMS 3/8" ID HIGH PRESSURE HOSE, 30 FT., FOR PRESSURED DISCHARGE LINE FROM HYDROBLASTER TO ONE OF THE THREE BOOMS AT REM STATION. BOOM TO CONNECT TO 18" LANCE AND BLACK GUN ON WASHPAD SIDE, 50 FT., HOSE (HEI SUPPLIED). DISCHARGE TO BE FLOW-ACTUATED CONTROL.
D	SPRAY WATER RINSE LINE TO REM BOOMS 3/8" APH HOSE, 30 FT., TO CONNECT & ROUTE FROM FRESH WATER SUPPLY CONNECTION AT ICW TO REM. THIS LINE TO CONNECT TO ONE OF THE THREE BOOMS AT REM STATION. BOOM TO CONNECT TO 18" LANCE AND BLUE GUN ON WASHPAD SIDE, 50 FT., (HEI SUPPLIED).
E	RECIRCULATION / BACKFLUSH DRAIN LINE FROM ICW TO GUTTER MIN. 1-1/2" SCH40 PVC PIPE TO CONNECT & ROUTE FROM ICW TO CONNECTION PORT AT END OF GUTTER ARRAY. THIS LINE TO BE USED FOR BACKFLUSH & RECIRCULATION OF ENZYMES (HYDROBIODIGESTERS) THROUGHOUT SYSTEM.
F	DISCHARGE TO SEWER DRAIN MIN. 1-1/2" SCH40 PVC PIPE TO CONNECT & ROUTE FROM 'DISCHARGE TO DRAIN' PORT ON DISCHARGE MANIFOLD OF ICW TO EXISTING SEWER DRAIN OR OWNER PROVIDED HOLDING TANK. THIS LINE TO EVACUATE EXCESS WATER FROM SYSTEM AS NEEDED. 1-1/2" PVC SOC CONNECTION PROVIDED AT DISCHARGE MANIFOLD.
G	MAKE-UP WATER SUPPLY LINE TO ICW FRESH WATER (W), POTABLE (SOFT WATER OR R.O.) w/SHUT-OFF VALVE ON MAIN LINE TO SUPPLY MAKE-UP WATER TO ICW PROCESS TANK. THIS WATER TO ALSO ACCOMMODATE FRESH WATER FOR THE SPRAY RINSE PROCESS. THIS CONNECTION TO MAINTAIN MIN. 10 GPM @ 25-75 PSI WATER SUPPLY. SOLENOID VALVE PROVISIONED WITH BRASS 3/4" HOSE BARB.
H	SUPPLY LINE FROM DISCHARGE PUMP AT CMAFU-2 3/4" PVC HOSE DISCHARGE LINE TO ROUTE & CONNECT FROM CMAFU-2 TO PROCESS TANK OF ICW. 3/4" HOSE BARB FITTING PROVIDED ON TOP OF PROCESS TANK AT ICW.

LEGEND / SYMBOLS	
	DIRECTIONAL FLOW ARROWS
	MANUAL 2-WAY BALL VALVE
*	HEI SUPPLIED

PLUMBING NOTES:

- UNLESS SPECIFIED OTHERWISE BY (*), CONTRACTOR/OWNER TO COORDINATE AND PROVIDE ALL PLUMBING & CONNECTION REQUIREMENTS IMPLIED OR REFERENCED IN TABLES ON THIS DRAWING (THIS INCLUDES ANY ADAPTERS AND/OR FITTINGS REQ'D TO MAKE EQUIPMENT CONNECTIONS). ALL PIPING & HOSE SIZES REFERENCED ARE NOMINAL SIZES. ALL PIPING SIZES REFERENCED IN TABLES SATISFY "MINIMUM" RECOMMENDED REQUIREMENTS; FINAL SIZES SELECTED SHOULD NOT BE LESS THAN THE MINIMUM RECOMMENDED REQUIREMENTS.
- CONTRACTOR/OWNER SUPPLIED CONNECTION LINE REQUIREMENTS REFER TO RIGID PIPING BETWEEN EQUIPMENT. FLEX HOSES NO LESS THAN THE SIZES & CAPACITIES DESCRIBED CAN BE USED IN PLACE OF RIGID PIPING WHERE APPLICABLE. CONNECTION FLEX HOSES ARE TYPICALLY USED TO CONNECT EQUIPMENT TO WALL OR STUBBED UP PLUMBING; LENGTHS NEED TO BE FIELD DETERMINED. UNLESS SPECIFICALLY ORDERED OR INCLUDED WITH EQUIPMENT, FLEX CONNECTIONS ARE TO BE SUPPLIED BY THE CONTRACTOR/OWNER.
- PROTECT PIPING AND EQUIPMENT FROM FREEZING.
- PLUMBING LAYOUT PROVIDED IS REPRESENTED IN SCHEMATIC FORM FOR ILLUSTRATION OF FLOW & PROCESS REQUIREMENTS ONLY AND IS NOT INTENDED AS DEFINITION OF SITE REQUIREMENTS (I.E., EQUIPMENT PLACEMENT & LOCATION OF PIPING RUNS, ETC.).
- REFER TO HYDRO ENGINEERING, INC., (HEI) ORDER DOCUMENTS FOR MORE INFORMATION REGARDING HEI'S SCOPE OF WORK AND OWNER'S RESPONSIBILITIES WITH REGARD TO INSTALLATION, SETUP AND MAINTENANCE.

	This drawing and all information thereon is the property of Hydro Engineering, Inc., and is confidential and must not be made public or copied. This drawing is loaned subject to return upon demand and is not to be used directly or indirectly in any way detrimental to our interests. Copyright © 2020 Hydro Engineering, Inc. - All rights reserved.		
	HYDRO ENGINEERING INC. 865 W. 2600 S., SALT LAKE CITY, UT 84119	DRWN RDL	WASH SYSTEM PLUMBING LAYOUT
PROJECT AMERICAN CONSULATE GEN JEDDAH JED 19SA4019F0112	REVISED APPR	FILE ...ORDERS\221336\PROD-DWGS\CADFILES\PL221336-1.DWG	SHEET PL1
	PROJ. MGR C. SMITH	HEI Order No. 221336	REV DATE 01/15/20



ITEM	ELECTRICAL RUN DESCRIPTION	VOLTAGE
A	POWER TO CB1 POWER (E1) TO BE SUPPLIED TO SUMP BOX CONTROLLER FOR SUPPLYING SUMP PUMP.	220V / 1P / 3A
B	CB2 TO CB1 CONTROL CONDUCTORS FROM CB2 ROUTED TO CB1. CMAFU-2 TO CONTROL RUN SIGNAL TO SUPPLYING SUMP PUMP IN SUMP BOX.	24 VAC 2-WIRES, 16 AWG
C	POWER TO CB2 POWER (E2) TO BE SUPPLIED TO CMAFU-2. GEAR MOTOR: 1/40HP, DISCH. PUMP: 1/2HP.	220V / 1P / 6A
D	POWER TO CB3 POWER (E3) TO BE SUPPLIED TO ICW, 1HP.	220V / 1P / 18A

LEGEND / SYMBOLS	
CB1	CONTROL BOX, SUMP BOX
CB2	CONTROL BOX, CMAFU-2
CB3	CONTROL BOX, ICW

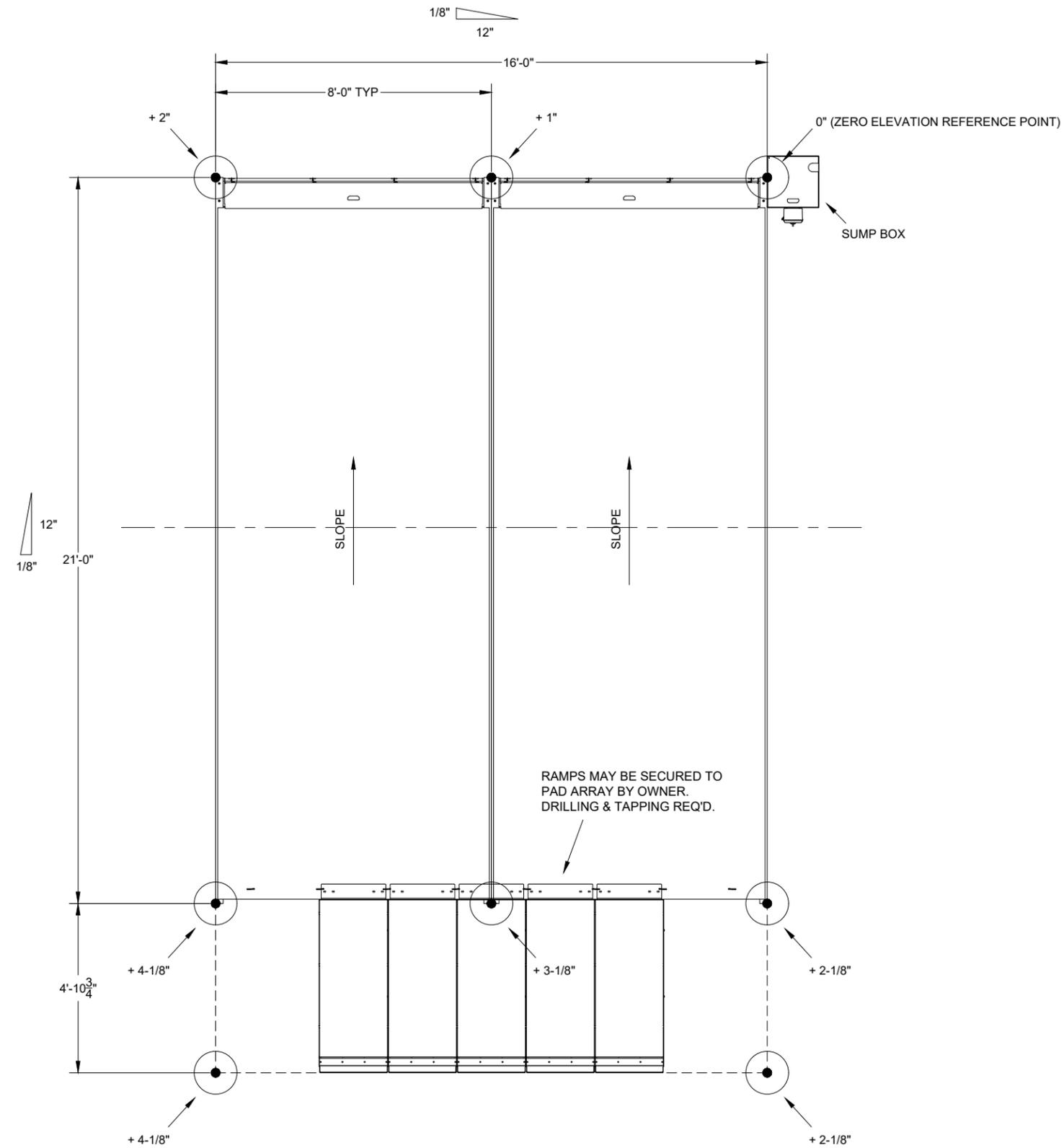
⚠ ELECTRICAL NOTES:

1. CONTRACTOR/OWNER TO COORDINATE, INSTALL, AND PROVIDE ALL ELECTRICAL SUPPLY SERVICE NECESSARY TO SATISFY NEEDS OF SYSTEMS PROVIDED BY HYDRO ENGINEERING, INC., (HEI) AS REFERENCED IN THE TABLES.
2. CONTRACTOR/OWNER TO PLAN AND CONFIRM EXACT LOCATIONS OF ALL CONDUIT RUNS AND LINE TERMINATIONS AS CLOSE TO EQUIPMENT AS POSSIBLE. SUGGEST MIN. OF 10 FT. OF WIRE BE PROVIDED AT TERMINATION POINTS FOR FINAL FLEX CONDUIT CONNECTIONS TO EQUIPMENT OR DEVICE.
3. CONTRACTOR/OWNER IS RESPONSIBLE FOR ELECTRICAL CONNECTIONS BETWEEN HEI SUPPLIED EQUIPMENT. SYSTEM EQUIPMENT MAY INCLUDE HIGH-VOLTAGE, LOW VOLTAGE AND SIGNAL WIRE REQUIREMENTS. HIGH-VOLTAGE AND LOW VOLTAGE (INCLUDING SIGNAL CIRCUITS) MUST REMAIN SEGREGATED. USE THHN OR EQUIVALENT WIRE FOR ALL LOW VOLTAGE WIRING REQUIREMENTS. MATERIAL AND WORKMANSHIP MUST BE IN ACCORDANCE WITH CONTRACT SPECIFICATIONS, APPLICABLE CODES AND FACILITY REQUIREMENTS.



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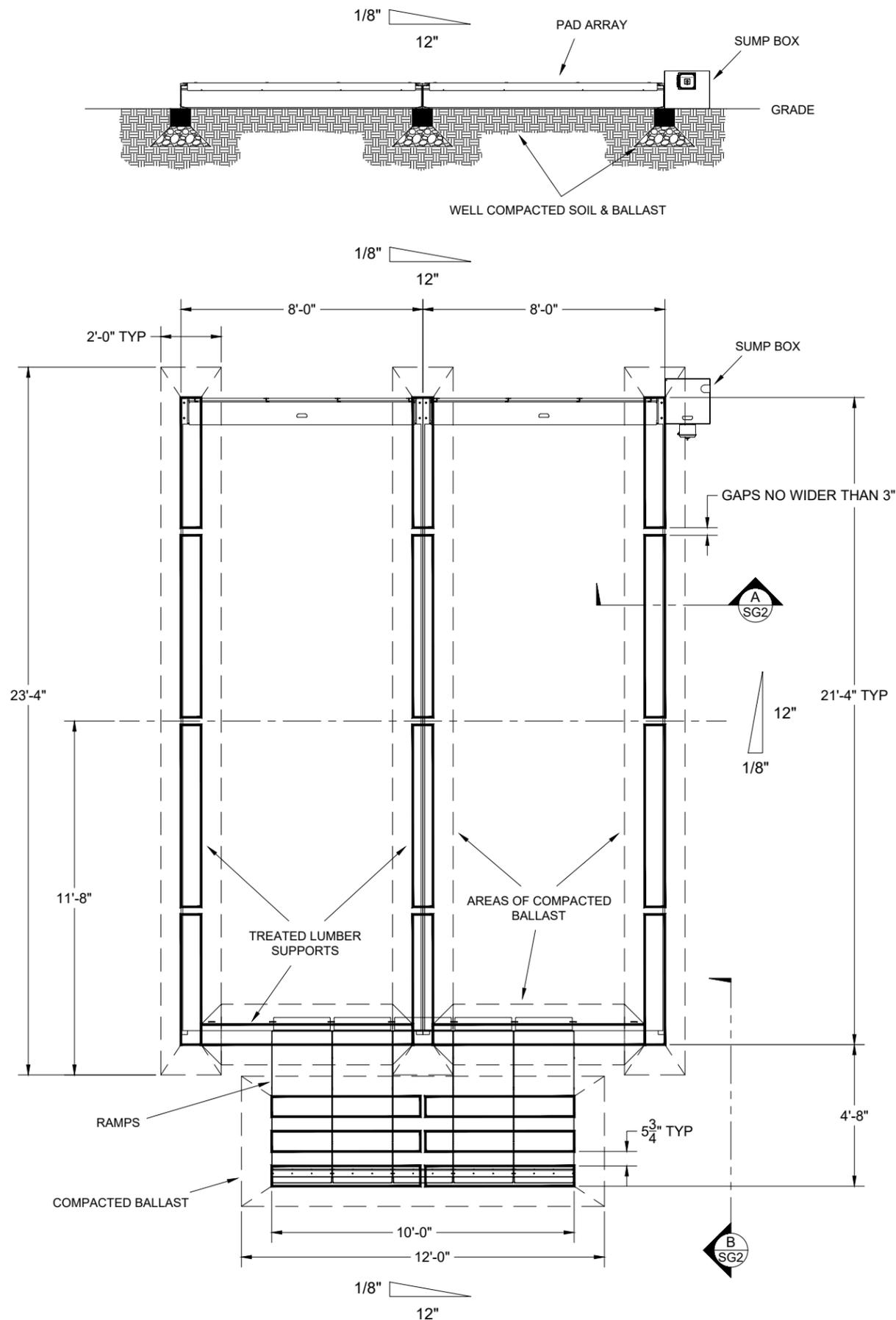
HYDRO ENGINEERING INC. 865 W. 2600 S., SALT LAKE CITY, UT 84119		DRWN RDL	WASH SYSTEM ELECTRICAL LAYOUT	
PROJECT AMERICAN CONSULATE GEN JEDDAH JED 19SA4019F0112	REVISED RDL	FILE ...ORDERS\221336\PROD-DWGS\CADFILES\PL221336-1.DWG	SHEET EL1	APPR PROJ. MGR C. SMITH
		HEI Order No.	221336	REV DATE 01/22/20



GENERAL NOTES

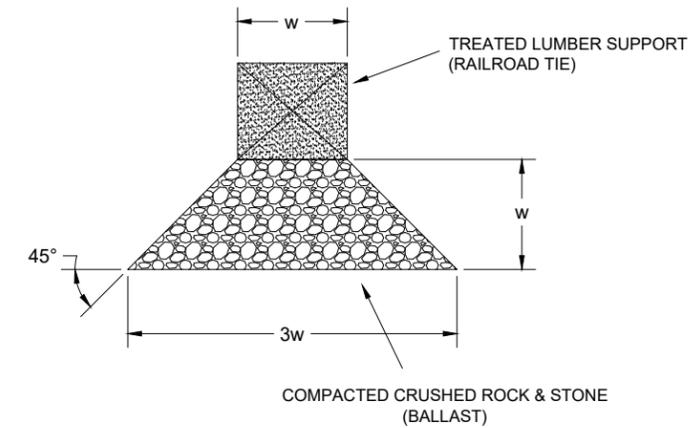
1. THIS DRAWING ILLUSTRATES RECOMMENDED SLOPING OF THE PAD ARRAY FOR PROPER WATER DRAINAGE. THIS APPLIES FOR ALL SURFACES ON WHICH THE ARRAY IS INSTALLED. PAD ARRAY SHALL BE SLOPED TOWARD ZERO ELEVATION REFERENCE POINT. ZERO ELEVATION REFERENCE POINT IS THE LOCATION WHERE COLLECTED WATER WILL FLOW OUT OF THE GUTTER INTO A COLLECTION CONTAINER WHERE IT WILL BE PUMPED TO DOWNSTREAM EQUIPMENT FOR PROCESSING.
2. ORIENTATION OF PAD ARRAY ON THIS DRAWING IS SHOWN AS IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL "FINAL" PAD ARRAY ORIENTATION TO BE DETERMINED AT TIME OF INSTALLATION BASED ON OWNER PREFERENCE AND SLOPE OF GRADE WHERE ARRAY IS TO BE LOCATED.
3. ALL ELEVATION VALUES REFERENCED ARE RELATIVE TO THE ZERO ELEVATION REFERENCE POINT. ELEVATION VALUES SHOWN ARE LOCATED AT THE BOTTOM CORNER ENDS OF THE HEADER CHANNEL FOR ALL HYDROPADS AT GRADE LEVEL.
4. ELEVATION VALUES SHOWN ARE APPROXIMATE TO COINCIDE WITH A HYDROPAD ARRAY SLOPE OF 1/8" PER FT.

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HYDRO ENGINEERING INC. 865 W. 2600 S., SALT LAKE CITY, UT 84119		DRWN RDL	HYDROPAD ARRAY SITE GRADE LAYOUT (SLOPE ELEVATIONS)
PROJECT AMERICAN CONSULATE GEN JEDDAH JED 19SA4019F0112	REVISED APPR	FILE ...ORDERS\221336\PROD-DWGS\CADFILES\SG221336-1.DWG	SHEET SG1
		PROJ. MGR C. SMITH	HEI Order No. 221336 REV DATE 01/15/19

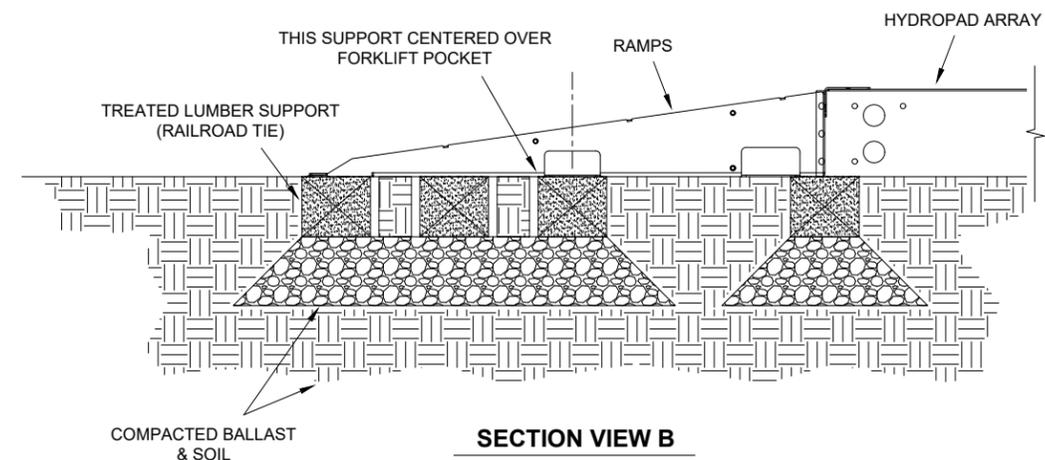


THIS DRAWING MAY NOT BE REQUIRED IF THE HYDROPAD ARRAY IS INSTALLED ON PROPERLY SLOPED CONCRETE OR ASPHALT SURFACES, OR AT LOCATIONS WHERE IT IS KNOWN THAT HIGH BEARING CAPACITY SOIL BENEATH THE ARRAY IS SUFFICIENT TO SUPPORT THE EXPECTED LOADS ON THE ARRAY.

1. NATIVE SOIL TYPE AND DENSITY IS AN IMPORTANT CONSIDERATION WHEN LOCATING THE SITE FOR A HYDROPAD ARRAY. WHEN SOIL BEARING STRENGTH FOR THE EXPECTED LOADS ON THE PAD ARRAY ARE IN QUESTION, FOLLOW THE SUGGESTED INFORMATION ON THIS DRAWING FOR PREPARING THE PAD ARRAY SITE.
2. USE OF TREATED LUMBER (RAILROAD TIES) IS A RECOMMENDED LOW-COST WAY OF PROVIDING A SOLID BASE AND IMPROVE LONG TERM STABILITY OF THE SUPPORT SURFACE UNDER A HYDROPAD ARRAY. THE TREATED LUMBER SUPPORTS FOR THE ARRAY ARE TO BE PLACED OVER A WELL-COMPACTED BALLAST UNDERLAYMENT SURFACE ONLY. CONCRETE OR STEEL BEAM SUPPORTS MAY ALSO BE USED IN PLACE OF TREATED LUMBER.
3. A MINIMUM DEPTH EQUAL TO THE WIDTH (w) OF THE TREATED LUMBER SUPPORTS OF COMPACTED BALLAST IS RECOMMENDED FOR THE BASE OF THE PAD ARRAY. SEE SECTION VIEW "A" ILLUSTRATION.
4. A DURABLE CRUSHED STONE WITH SHARP CORNERS AND EDGES, SIZED AT A MINIMUM 1-1/2" x 3/4", IS ALSO RECOMMENDED FOR THE BALLAST.
5. USE OF ADDITIONAL TREATED LUMBER UNDER NARROW LEADING-EDGE SECTION OF HYDROPAD RAMPS IS ALSO HIGHLY RECOMMENDED TO PREVENT LEADING EDGE OF RAMPS FROM ACQUIRING AN UPWARD 'CURL' BEND IF SUPPORTING SURFACE UNDER EDGE IS NOT REGULARLY MAINTAINED.
6. CONSIDERATION TO SLOPE OF PADS ARE TO BE OBSERVED.



SECTION VIEW A
TYPICAL SINGLE SUPPORT PROFILE



SECTION VIEW B
RAMP SUPPORT PROFILE

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HYDRO ENGINEERING INC. 865 W. 2600 S., SALT LAKE CITY, UT 84119		DRWN RDL	HYDROPAD ARRAY SUPPORT BASE (PAD ARRAY RATING: 12 TONS / AXLE)
PROJECT AMERICAN CONSULATE GEN JEDDAH JED 19SA4019F0112	REVISED APPR	FILE ...ORDERS\221336\PROD-DWGS\CADFILES\SG221336-2.DWG	SHEET SG2
		PROJ. MGR C. SMITH	HEI Order No. 221336 REV DATE 01/15/19

ATTACHMENT 2

INSTALLATION MANUAL

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	HYDROBLASTERS - HYDROKLEEN - HYDROPAD www.hydroblaster.com

HYDROPAD



INSTALLATION MANUAL

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INTRODUCTION

Thank you for purchasing the Hydro Engineering Inc. Hydropad System. This manual has been prepared to help you assemble the equipment. It includes instructions for pad, wall, discharge pump, ramp, and rain tarp installation.

The patented Hydropad system is constructed with care using the highest quality materials. The result is a durable product that will provide many years of service. Each system is fully inspected and tested at the factory to ensure ease of installation and quality workmanship.

The Hydropad system is designed to be a portable wash pad system which can be assembled, disassembled, relocated, and reassembled quickly and easily.

Hydropads are built to handle weights ranging from 2 to 30 tons per axle. Typically they are 8' wide and are available in 8', 10', 12', 14', 16', and 20' lengths. They can easily be connected together to create wash pad arrays of many sizes.

Hydropad options include walls from 4' to 6' high for outdoor use with heights available up to 12' for indoor use and several easy clean or self cleaning gutter designs.

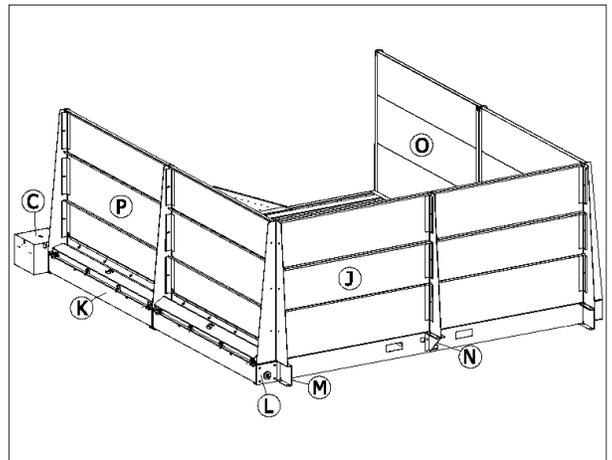
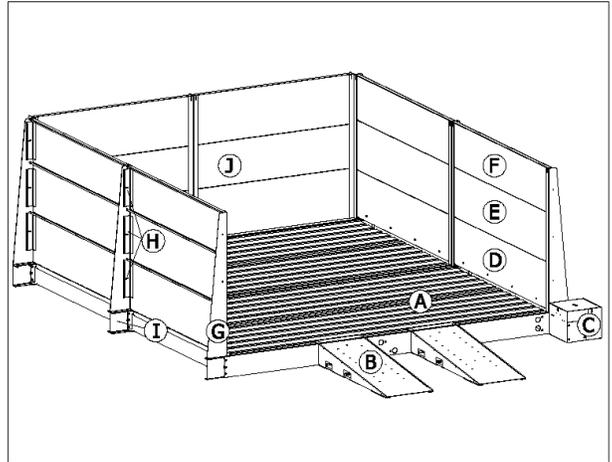
If you require assistance, Hydro Engineering offers service, installation, and training.

The Hydropad is an essential component in the equipment cleaning and wash water reclaim process. The wash wastewater falls to the Hydropad surface and then flows into the side gutter. The gutter collects contaminants removed during the cleaning process; mud, gravel, grease, oil, and soaps.

The collected liquid is pumped out of the gutter to the Hydrokleen filtration equipment for processing. Solids that remain in the gutter can be removed by use of a sludge sucker or by shovel.

STANDARD TERMS AND COMPONENT DEFINITIONS

The Hydropad has a number of components that will be referenced throughout this document. The following figures identify these items:



HYDROPAD LEGEND

A	Hydropad
B	Ramp
C	Gutter Sump Pump Box
D	Bottom Wall Panel
E	Middle Wall Panel
F	Top Wall Panel
G	Wall Upright
H	Wall Panel Compression
I	Wall Upright Mounting Bracket
J	Rail Wall
K	Hydropad Side Gutter
L	Gutter End Cap Seal Plate
M	Mounting Bracket Wall Upright 90 Deg.
N	Mounting Bracket Wall Upright Center
O	Non-Gutter Side Wall
P	Gutter Side Wall

SAFETY



Think Safety First!

Read and understand the following safety precautions before installing or using your Hydropad system.

Hydropads and Hydropad ramps should only be lifted and moved with adequately rated material handling equipment. Follow all industry accepted guidelines for safe material handling.

Be aware of possible pinch hazards while installing the Hydropad system.

Make sure that the array is located in an area that is free of overhead power lines or other obstructions that may pose a safety concern during deployment or use of the wash pad.

Inspect pads and ramps located on unimproved (dirt) surfaces regularly to guarantee that they remain properly supported.

Possible slip hazard!

- Soap, oil, or other material on the pads can promote a slippery surface.
- In cold conditions water may freeze and ice may form on Hydropad surfaces.
- Maintain the grit filled surface on the top of the Hydropad. Keep it clean and resurface it if it becomes worn.

Do not walk on gutter lid. It is not designed as a walkway surface.

Read and understand all safety precautions of equipment being used in conjunction with the Hydropad system.

Be cautious when driving equipment on and off of the Hydropads.

- Verify that the ramps are properly located along the edge of the pads.

- Approach the pad array with the tires or tracks of the equipment centered on the ramps.
- Be thoughtful about maintaining clearance between the bottom of equipment being cleaned and the leading edge of the pad array. Low ground clearance apparatus can be damaged by a collision with the edge of the pad.

INSTALLATION

TOOLS REQUIRED FOR INSTALL

When you receive your Hydropad system remove all parts from packaging. Make sure that you have all the parts that are listed on the packing slip. Do not start installation if any parts are missing, contact customer service immediately.

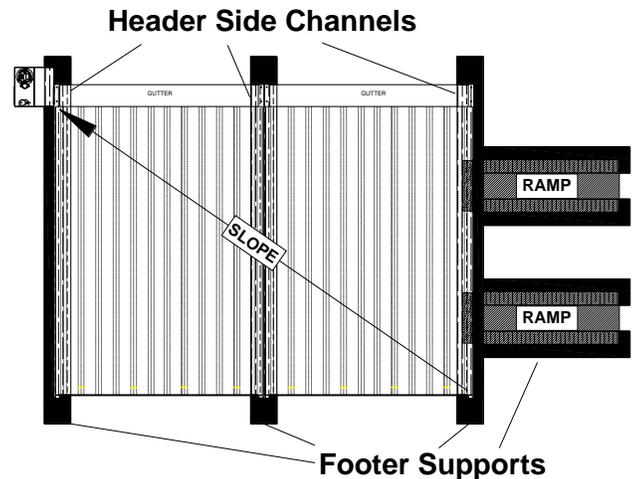
Installing the Hydropad system will require two people.

You will need:

- Terrain suitable for lift of at least 6000# capacity with minimum 42" long forks. Side shift capabilities are highly recommended.
- 3/4", 9/16", 1/2", and 7/16" sockets and ratchet.
- 3/4", 9/16", 1/2", and 7/16" box wrenches.
- Crescent wrenches.
- Impact wrench.
- Torque wrench.
- String line and stakes for establishing the slope of the connected Hydropads.
- Wood, metal or crushed gravel may be used as shims to level or slope the Hydropad.
- Caulk gun.
- Measuring tape.
- Chalk line.
- Crow Bar, minimum 48" long.
- Putty knife.

DRAINAGE SLOPE REQUIREMENTS

Regardless of the base material, the surface must provide a slope for the pad or the array of pads so that the wash water flows from the pad to the gutters and from one end of the gutters to a single collection point at the other end of the gutter or the gutter sump box. Hydropads require a slope as small as 1/8" and preferably not more than 1/4" per foot to provide adequate drainage.



FOUNDATION REQUIREMENTS

Hydropads and ramps can be placed on a variety of surfaces: hard surfaces like asphalt or concrete, improved surfaces like poured concrete footings or rail road ties.

Support must be provided over the entire length of the pad under the header side channels to attain the rated weight carry capacity of the pads. Support must also be provided under the drive on and drive off ramps.

Before deploying the pad(s) identify and mark the extents of the planned location. Establish a string line along the entire length of gutter side of the array and a second perpendicular string line along the edge of the rail wall location of the first pad to be deployed in the array. The string lines must represent the desired finished slope of the array. They will aid with establishing the slope of the pads during the assembly of the array.

Next, survey the support surface. Establish a 0'0" elevation point and then record the elevations at the corners of each proposed pad location. Elevations should be modified to provide the required slope on the surface of the pads:

1. Foundation wall surfaces (concrete or ties) should be constructed to provide the necessary slope.
2. Existing improved surfaces seldom offer the slope required by the wash pad array. Shims can be placed under the rail side channels to produce the desired slope. The shims may be wood or metal and should be

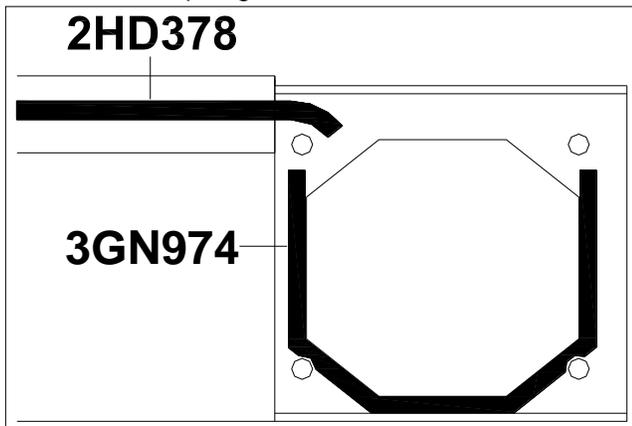
securely located along the full length of the rail channels or at a minimum, wherever the joist channels and rail side channels join, to maintain the rated capacity of the pads. NOTE: If shims are not installed at the recommended locations, the capacity rating of the pads must be reduced. High cubic density loads that will be supported at a single point on the pad will reduce the rating more than loads that are widely distributed on the surface. Contact the factory for further information.

3. Soil surfaces must be provided with excellent drainage and should be compacted as they are for foundations or highways to provide the required support for the array. Engineered fill using crushed gravel rather than sedimentary gravel is preferred because the sharp edges reduce movement and settling when weight is applied to the pads.

PAD INSTALLATION

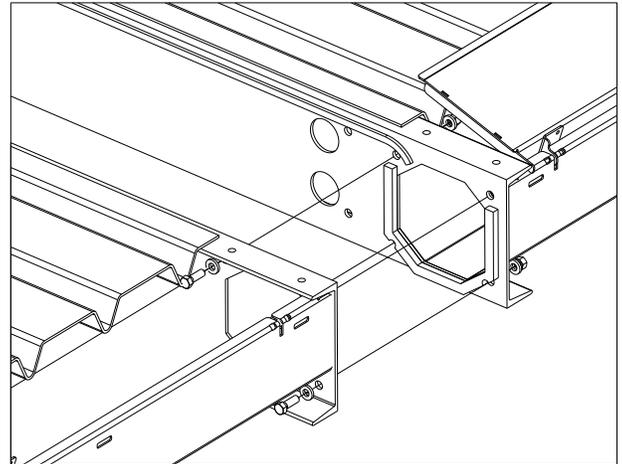
Step 1- Place a Hydropad. Verify correct slope. Install the 3GN974 foam gasket on the face of the Hydropad around the gutter opening inside the bolt holes.

Run the 2HD378 D-style gasket horizontally across the top of the face of the Hydropad header channel about $\frac{1}{4}$ " below the top edge of the channel.

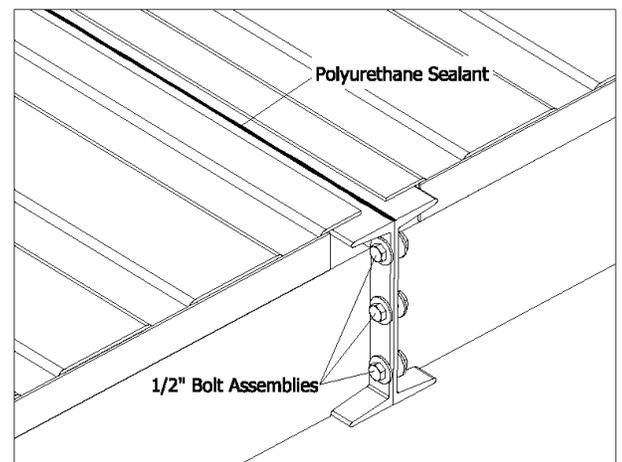


NOTE: If the pad surface is wet or cold the adhesive backing on the gasket will not adhere to the surface. Heating the surface with a propane torch is an effective way of preparing the surface to accept the gasket.

NOTE: If Hydropad array includes the drag conveyor option you must identify the pad that contains the return "tail stock" sprocket and wedge wire screen. This pad must be installed at the lowest end of the slope.



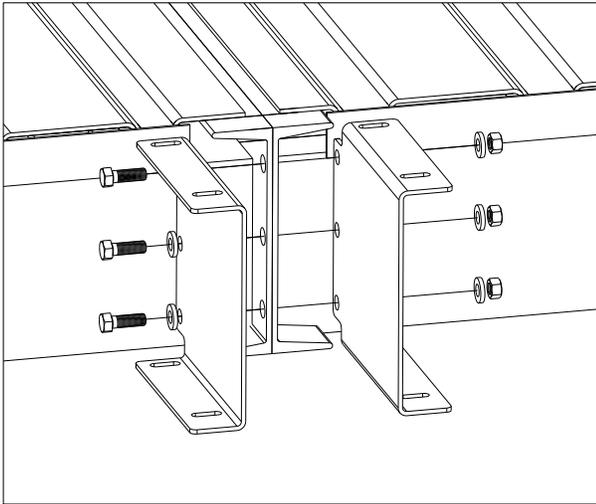
Step 2- Place and align the second pad next to the first. Make sure that the $\frac{1}{2}$ " bolt holes are aligned and that the gasket remains properly located between the mated surfaces. Verify that no foreign material has become trapped between the two rail channel surfaces that may keep them from properly mating and compressing the gasket seal.



Step 3- Secure the pads together using the $\frac{1}{2}$ "NC x 2" bolt assemblies. Four assemblies secure the gutter side and either three for four (dependent on pad tonnage rating) assemblies secure the opposite gutter side. Tighten all the bolts first to 50 then to 70 ft. pounds.

NOTE: All bolts should be installed and tightened equally. Torque the gutter side bolts first. This insures that the gutter connections between the pads are tightly sealed.

NOTE: If installing walls on a pad array of two or more pads, the connection of the pads and the wall upright mounting brackets share the same bolt assemblies.



Install the wall upright mounting brackets at this time. See wall upright section for further details.

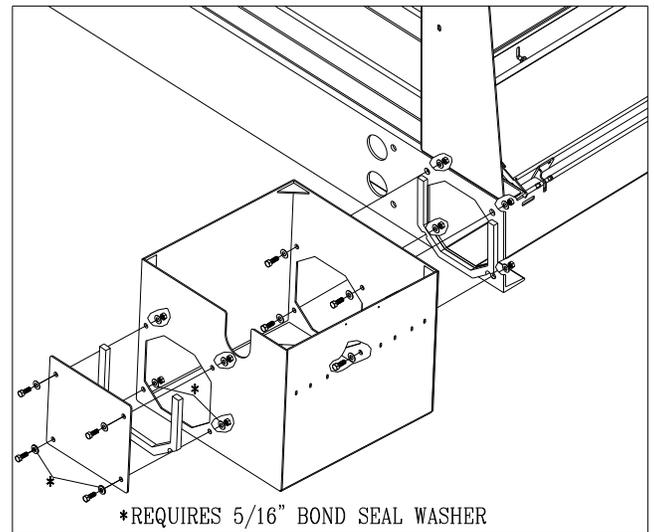
Step 4- Run a bead of the provided (PN: 2SG262) polyurethane sealant along the top of the seam where the two pads meet. The material is self leveling but a trowel may be helpful to flatten the bead and force the sealant into the groove. This will help prevent leakage and will keep debris from entering the joint and forcing the pads apart.

Step 5- Install the sump pump box. Several sump boxes are available: they can mate to the Hydropad gutter or be located close to the gutter and be connected with a hose or chute.

The attached sump tank is bolted to the Hydropad gutter with (4) 5/16"NC X 1.25" stainless steel bolt assemblies (A). Install the 3GN974 gasket (B) around the inside of the 1/2" bolt holes that are located around the gutter opening and then use the bolts to secure the sump pump box (C) to the Hydropad.

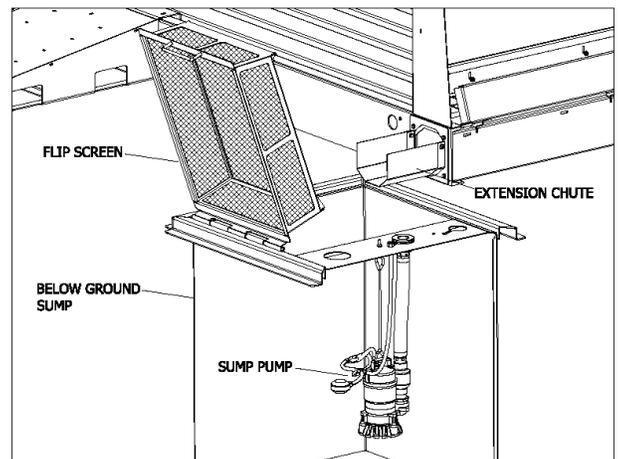
Repeat the same steps to secure the gutter end seal plate (D) to the side of the sump box. The 3GN974 gasket (B) is located around the inside of the 1/2" bolt holes on the sump box opening and the 5/16" seal

washers are located on the exterior of the seal plate.



Mount the electrical connection box on the side of the sump box and make the connections for the sump pump and level switch inside the water proof enclosure. (SEE GUTTER SUMP BOX PLUMBING DIAGRAM)

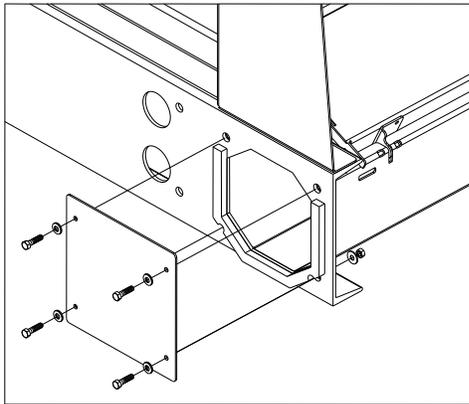
The detached sump box requires a hole large enough to locate the top surface of the sump at or slightly below the lowest grade level that the Hydropad is support on. It must be located close enough to the Hydropad gutter so that the fluid that exits the gutter can flow through the provided extension chute and onto the top of the screened inlet on the top of the sump.



The location must also provide clearance around the sump box so that the 'flip screen' can be operated. The 'flip screen' must be hinged open to deposit material collected on the top of the screen next to the sump box.

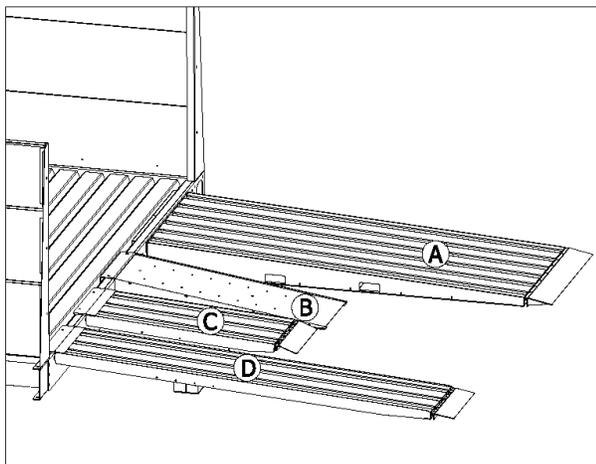
The chute is bolted to the end of the gutter in the same fashion and with the same fasteners and D-gasket material used to connect the end cap seal plates.

Step 5- Install the gutter end cap seal kit on the end of the gutter opposite from the sump pump box or the in ground sump tank. The gutter end cap is secured to the end of the gutter in the same fashion and with the same fasteners and D-gasket material used to connect the end cap seal plates.



RAMPS

Note: All ramp ratings are per axle with one ramp supporting only one wheel or half the load of the axle.



HYDROPAD RAMP LEGEND

A	1WA480, RAMP, 81" X 12.25", 30 TON
B	1VZ479, RAMP, 67" X 10.25", 12 TON
C	2NB915, RAMP, 24" X 60", 2 TON
D	2NB914, RAMP, 24" X 120", 2 TON

2-TON RAMPS

Locate the ramp on the ground and on the Hydropad surface. The ramp plate should be fully supported on the pad and the end of the ramp on the ground. Bolting the ramp plate to the pad is recommended.

There are two configurations of the 2 ton ramps. The short 5' long ramps do not have an intermediate support. The longer 10' long ramps are provided with the intermediate support. The intermediate supports must make contact with the ground to provide the rated capacity.

Use an 11/32" drill bit and the 3/8x1.25" self tapping screws to securely fasten the ramps to the Hydropad. This will prevent ramp movement when driving up ramps.

12 & 30 TON RAMPS

The ramps require support just like the Hydropad to provide the rated capacity. The bent flanges on the bottom of the ramp should fully contact the support surface.

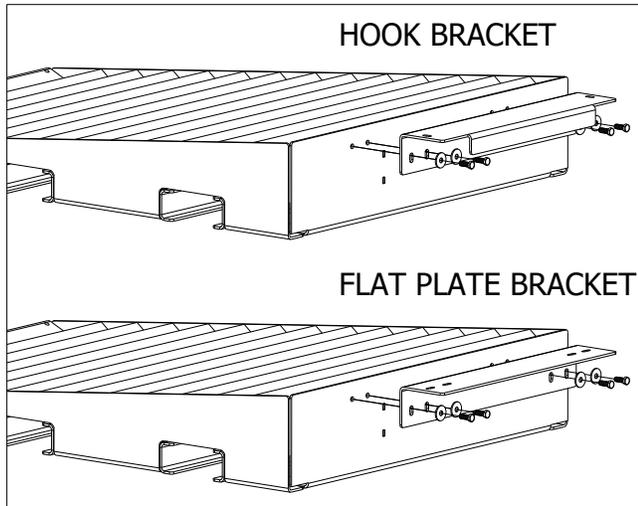
Two different brackets are used to attach the high capacity ramps to the Hydropads.

The hook bracket hooks over the edge of the Hydropad. This bracket is used where the long axis of the ramp is parallel to the gutter. Bolting the ramp bracket to the pad is recommended.

The flat plate bracket is only used when the ramp is mounted to the side of the Hydropad opposite the gutter. The bracket rests on top of the pad. Bolting the ramp bracket to the pad is recommended.

The brackets must be installed on the ramps before the ramps are set in place. To install, line up the pre-drilled holes in the ramp brackets with the pre-drilled holes in the ramps. Attach using 3/8" x 1" bolt Assemblies.

Note: Be sure to locate the nuts on the inside of the ramp to reduce interference with the pad when setting the ramps in place.



Once the brackets are installed, set the ramps in the desired location. Install shims or fill to align the ramps with the pads and stabilize the ramps.

Using the pre-drilled holes in the top of the ramp bracket as a guide drill 11/32" holes and insert the 3/8x1.25" self tapping screws to securely fasten the ramps to the Hydropad. This will reduce ramp movement when driving up ramps.

Note: If a ramp with a hook bracket is placed against the outside edge of a pad supplied with a wall on the side opposite the gutter, the ramp bracket will interfere with the splash return on the bottom wall panel. Trim the splash panel with tin snips to allow the hook bracket to fit onto the pad.

WALLS

Hydropad walls are constructed using 18 gauge galvanized steel wall panels and painted 11 gauge and 3/16" steel plate for the frame members and support brackets.

Hydropad walls are offered in heights from 4' to 12' tall (8' - 12' high walls are for indoor use only). There are 3 different wall sections available. They are the gutter, non-gutter, and rail wall.

With the exception of walls that are connected at a corner of a pad the vertical wall uprights don't need to be perpendicular to the pad surface. The feature allows the pads to be 'out of plane' from one another by several degrees without affecting the walls.

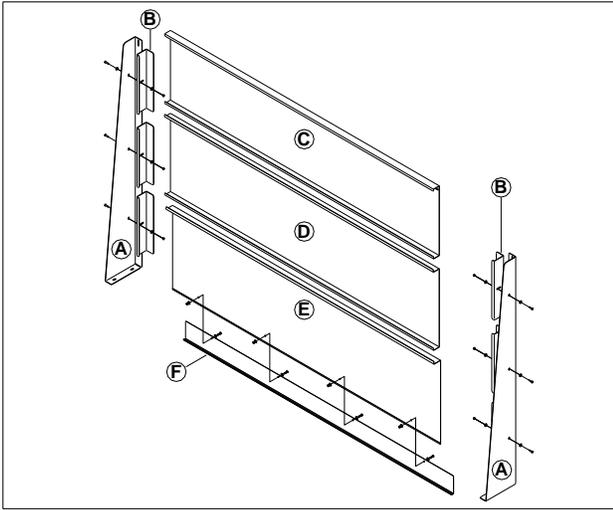
The walls are designed to experience movement without damage. When heavy loads are moved from one pad to another, the pads may move slightly at the joint line. The walls flex with this movement without damage.

As the walls are assembled it is recommended that the fasteners remain 'finger tight' until all the components are in place. Once assembly is complete the fasteners should be tightened.

GUTTER SIDE WALL

Gutter side walls are built with 6 components as shown below.

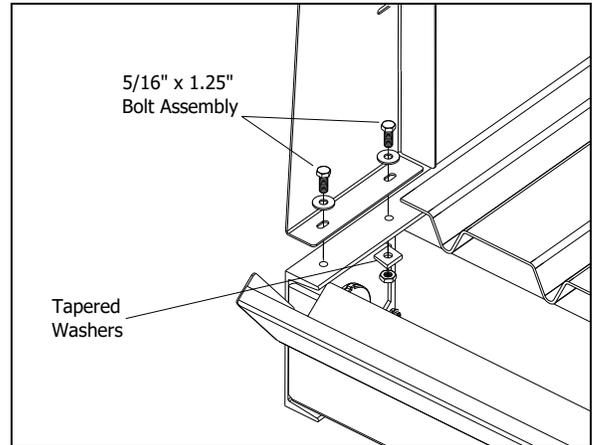
NOTE: Before installing the gutter side walls open the gutter lids.



GUTTER WALL	
A	WALL UPRIGHTS
B	WALL PANEL COMPRESSION BRACKET
C	TOP WALL PANEL
D	MIDDLE WALL PANEL(S) (ON WALLS 6' TALL AND ABOVE)
E	BOTTOM WALL PANEL
F	DEFLECTOR

First install the wall upright brackets by bolting them to the top of the channel iron that forms the ends of the gutter using two 5/16" x 1.25" long bolt assembly per

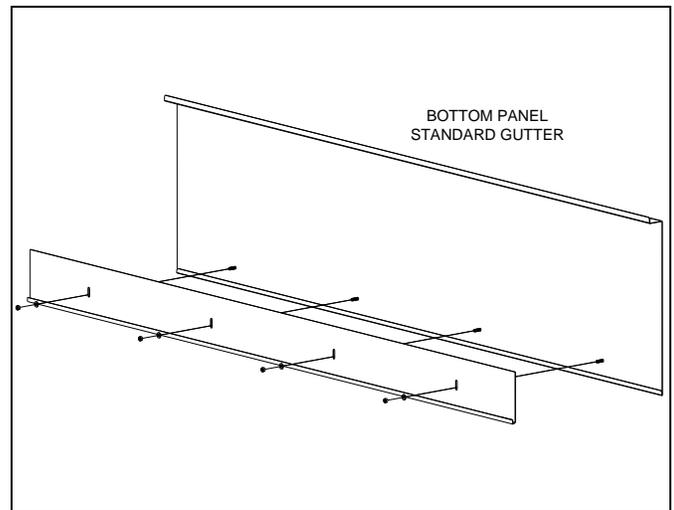
upright.



Note: Use the provided tapered washers below the channel leg when bolting the wall upright brackets to the channel. This will prevent the bolts from bending and shearing when they are tightened.

Align the outside of the wall uprights with the outside edge of the header channel and push the wall uprights forward toward the pad surface so that the mounting flange on the bottom of the upright touches the weldment that connects the corrugated top plate to the header channel.

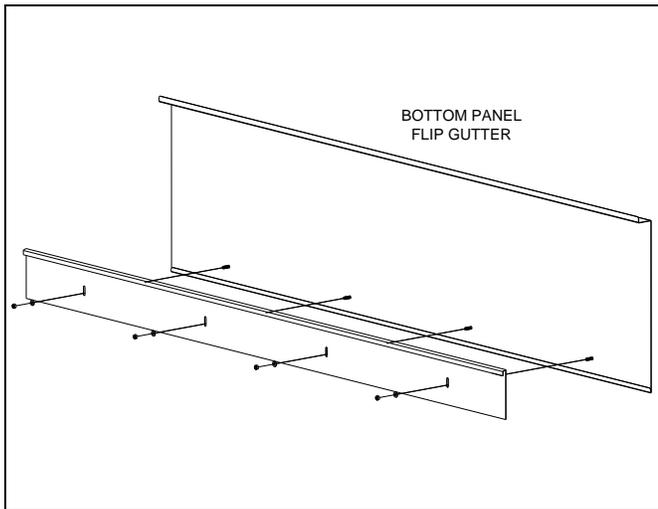
Bolt the deflector to the back side of the bottom wall panel using 1/4" x 1/2" long bolt assemblies. The nuts should be located on the back (away from the Hydropad wash surface).



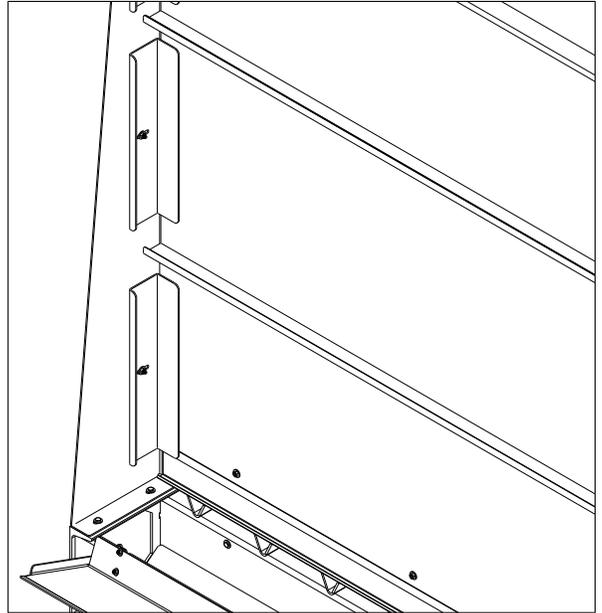
The orientation of the deflector changes depending on the gutter configuration.

If you have a gutter with a lid, the deflector is oriented so that the bottom of the 'J' shape is located 1/8" below the corrugated wash surface of the Hydropad. This allows the edge of the lid to rest on the 'J' when the lid is closed and push the deflector against the side of the Hydropad wash surface.

If a flip screen is installed in the gutter the deflector is rotated so that the 'J' is inverted. This allows more space between the Hydropad wash surface and the bottom edge of the wall panel. Larger material can be washed into the gutter.

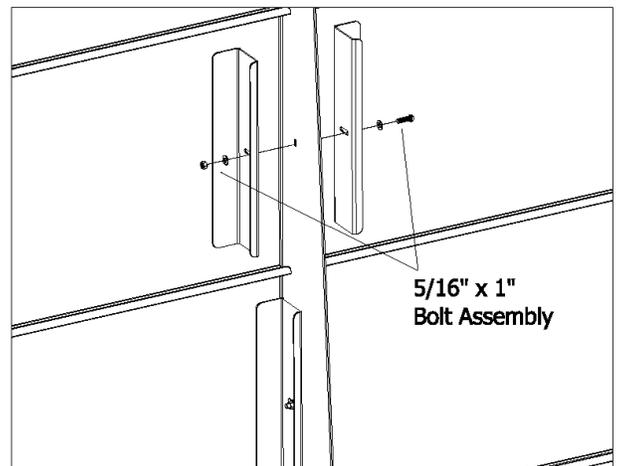


Secure the bottom wall panel to the wall end uprights using two wall panel compression brackets. The compression brackets are attached to the wall uprights with 5/16" x 1" long bolt assemblies. The fasteners should be finger tight until all the panels in all the wall segments are in place.



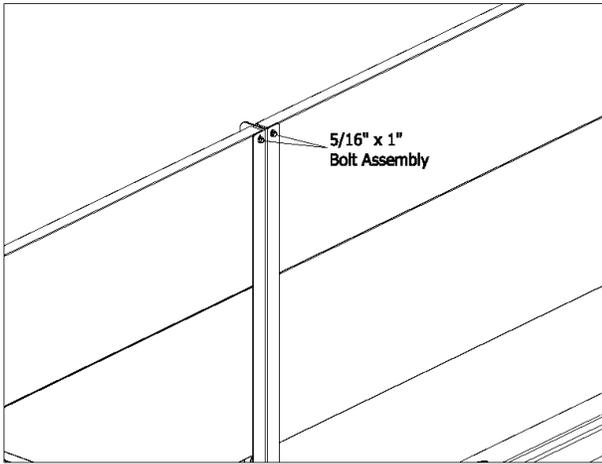
Repeat this for the middle panel(s) and the top wall panel.

Note: when two wall uprights are assembled back to back in a multi-pad array the compression brackets share one bolt assembly.



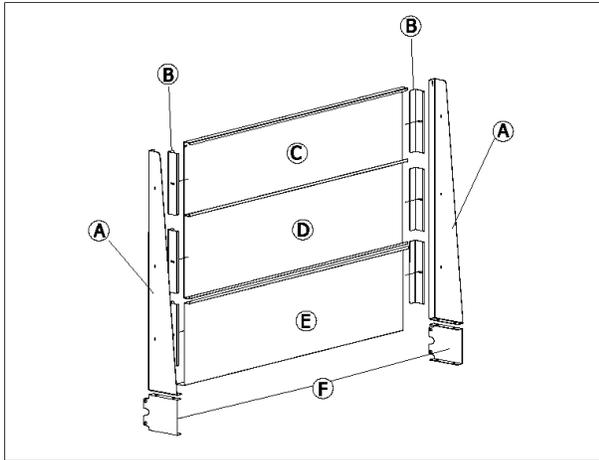
When tightening the compression bracket fasteners, be sure to press the brackets forward firmly against the back of the wall panels until the panels are tight against the wall uprights. The wall panels should not move when the brackets are properly located and the fasteners tightened.

The top wall panels are also bolted to the wall uprights at the top corners of the uprights with 5/16" x 1" long bolt assemblies.



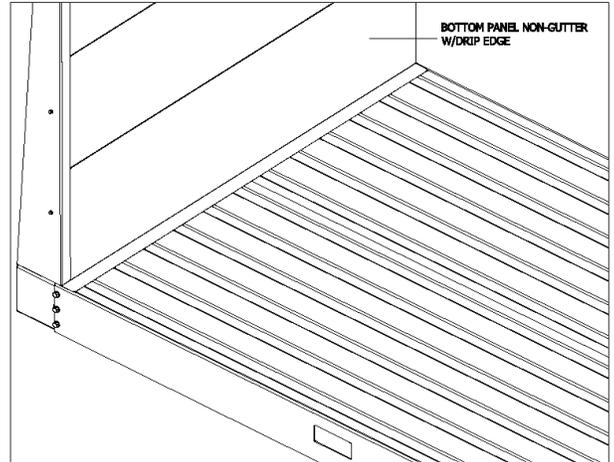
SIDE WALL

The side wall (wall on the side opposite to the gutter) consist of 6 parts per wall section as shown below.

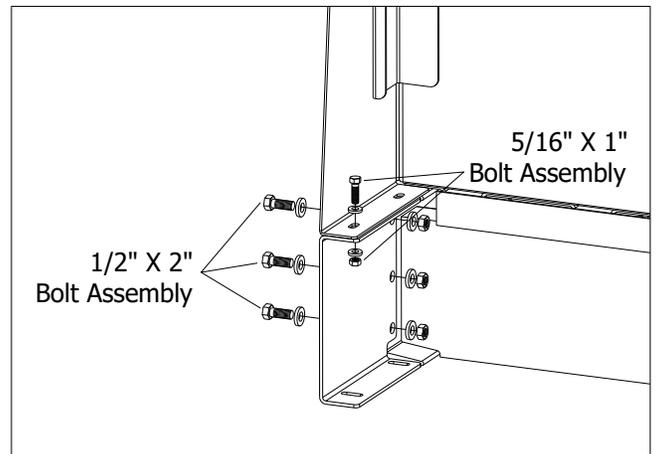


NON-GUTTER WALL	
A	WALL UPRIGHTS
B	WALL PANEL COMPRESSION BRACKETS
C	TOP WALL PANEL
D	MIDDLE WALL PANEL(S) (ON WALLS 6' TALL AND ABOVE)
E	BOTTOM WALL PANEL
F	WALL UPRIGHT MOUNTING BRACKETS

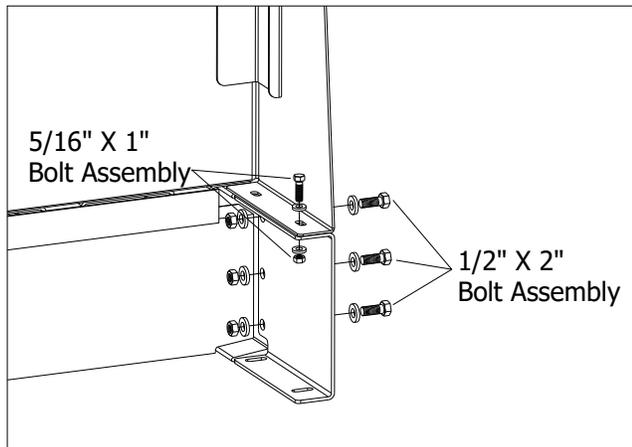
The side wall assembly differs from the gutter wall assembly in several ways: the deflector panel is omitted, the bottom wall panel is modified to include a drip edge on the bottom of the panel that directs fluid that reaches the bottom of the panel back onto the surface of the pad, and heavy duty wall upright mounting brackets are provided to bolt to the side of the Hydropads and support the wall uprights.



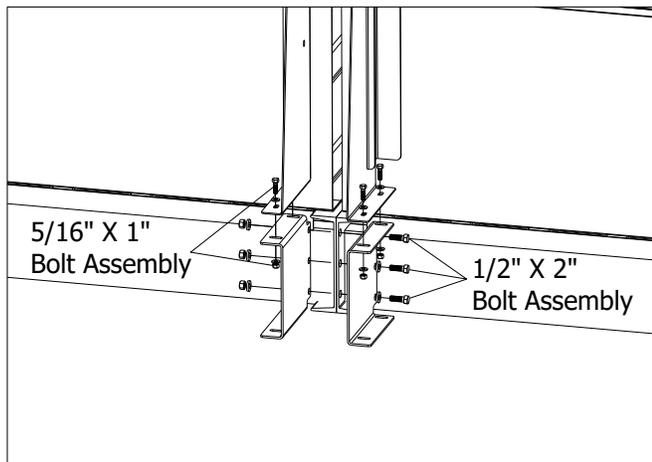
Bolt the wall upright mounting brackets to the Hydropad using the 1/2"NC x 2" bolt assemblies. The top of the brackets should be level with the top of the channel that they are mounted to. Tighten the bolts to 70 ft pounds.



Note: when two wall upright mounting brackets are assembled back to back in a multi-pad array the brackets share the same bolt assemblies.

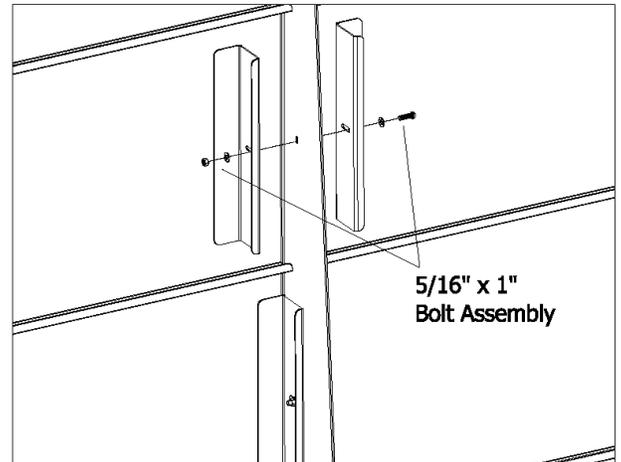


Next install the wall uprights to the mounting brackets using the 5/16" x 1" long bolt assemblies. Align the outside of the wall uprights with the outside face of the channel they are parallel to. Push the bracket forward so that the inside surface of the flange is perpendicular to and directly above the edge of the pad top plate.

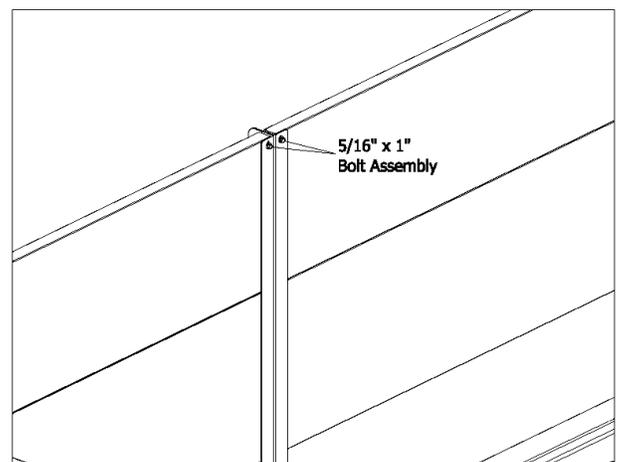


Install the wall panels starting with the bottom wall panel using two of the wall panel compression brackets to retain the panel. The compression brackets are attached to the wall uprights with 5/16" x 1" long bolt assemblies. The fasteners should be finger tight until all the panels in all the wall segments are in place.

Repeat this for the middle panel(s) and the top wall panel.



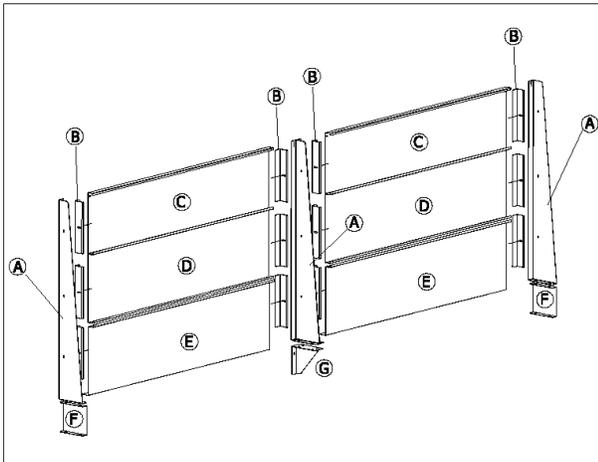
The top wall panels are also bolted to the wall uprights at the top corners of the uprights with the 5/16" x 1" long bolt assemblies.



RAIL WALL

The rail wall may consist of up to 9 parts per wall section as indicated in the illustration and table below.

When a rail wall is connected at a corner to a gutter or side wall, a corner seal panel, and corner seal panel bracket are also required (not shown).

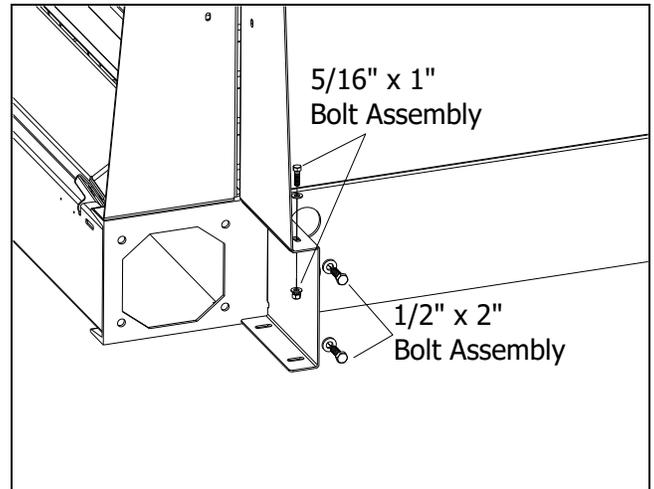


RAIL WALL	
A	WALL UPRIGHTS
B	WALL PANEL COMPRESSION BRACKET
C	TOP WALL PANEL
D	MIDDLE WALL PANEL (ON WALLS 6' TALL AND ABOVE)
E	BOTTOM WALL PANEL
F	WALL UPRIGHT MOUNTING BRACKET 90°
G	WALL UPRIGHT CENTER MOUNTING BRACKET

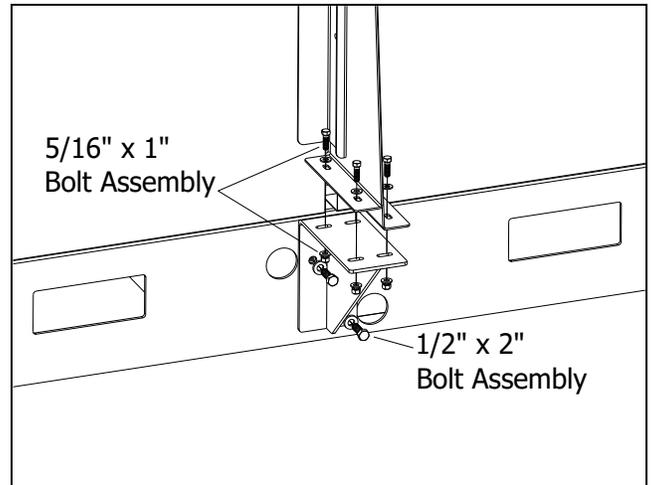
Note: Rail wall panels come in lengths of 6', 7', 8' and 10'. Single wall panels are used on 10' long and shorter walls. Two sets of panels with a wall upright center mounting bracket and corresponding wall uprights are used on rail walls 12' long and longer.

The rail wall upright mounting brackets are attached to the side of the Hydropad using the 1/2" NC x 2" bolt assemblies. Use the finger access holes adjacent to the mounting holes in the rail wall header channel to install

the washers and nuts on the inside of the channel.

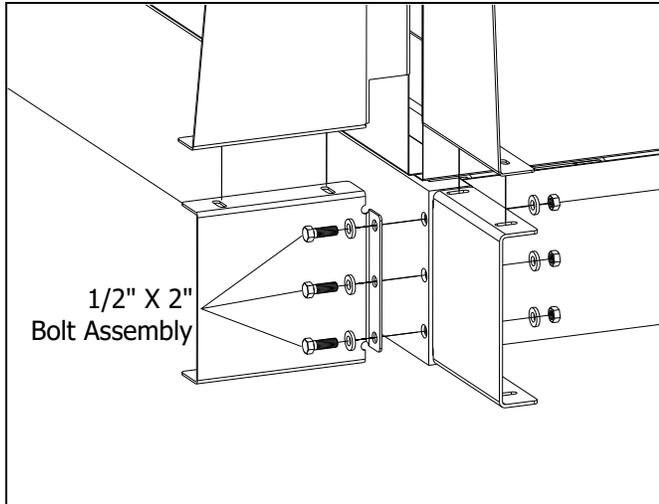


Install wall upright mounting brackets at each end of the Hydropad rail channel and the wall upright center mounting bracket (used only on pads 12' wide or longer) at the center of the rail channel.



The top of the wall upright mounting brackets should be level with the top of the channel that they are mounted to and the bolt assemblies should be tightened to 70 ft pounds.

Note: If both a side wall (opposite gutter side wall) and a rail wall are being installed on the Hydropad, a single set of bolt assemblies will attach both the upright mounting bracket for the rail wall and the upright mounting bracket for the non-gutter wall together to the rail channel.



Next install the wall uprights to each of the wall upright mounting brackets using the 5/16" x 1 long bolt assemblies.

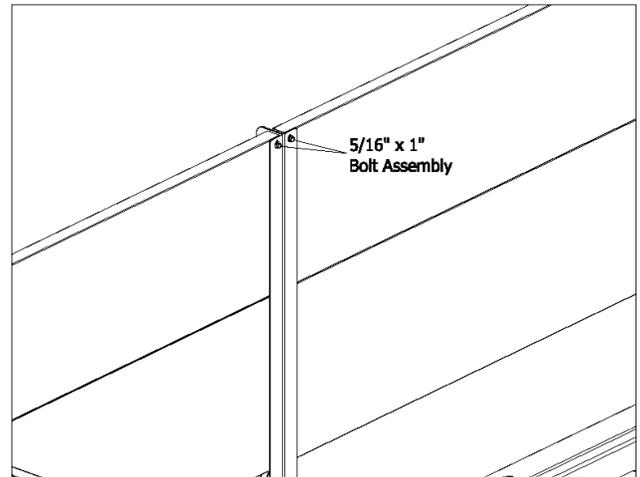
Align the outside of the wall uprights with the outside edge of the channel they are parallel to and push the bracket forward so that the inside surface of the flange is perpendicular to and directly above the edge of the pad top plate.

Install the wall panels starting with the bottom wall panel using two of the wall panel compression brackets to retain the panel. The compression brackets are attached to the wall uprights with 5/16" x 1" long bolt assemblies. The fasteners should be finger tight until all the panels in all the wall segments are in place.

Repeat this for the middle panel(s) and the top wall panel.

NOTE: The compression brackets used with the two uprights mounted on the wall upright center mounting bracket share the same 5/16" x 1" long bolt assemblies.

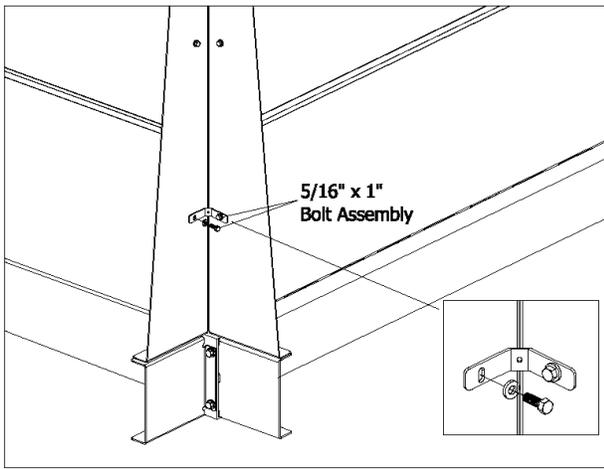
The top wall panels are also bolted to the wall uprights at the top corners of the uprights with the 5/16" x 1" long bolt assemblies.



CORNER SEAL PANEL

When two walls meet at a corner the corner is sealed with a corner seal panel.

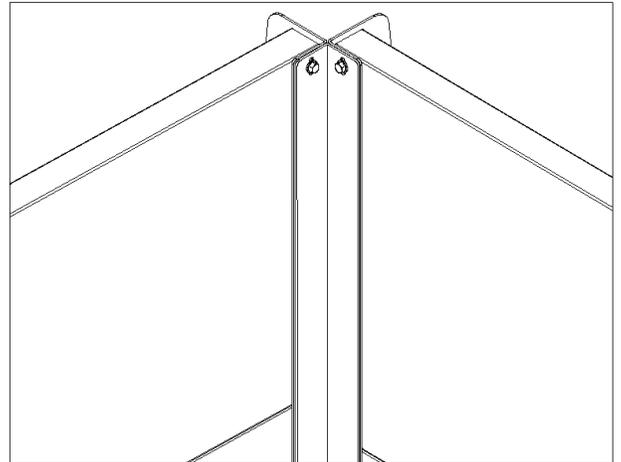
Before installing the corner seal panel, verify that the opening between the two corner wall upright brackets is wide enough to allow a #10 screw to be inserted between the brackets. Adjust the wall upright brackets in or out on their mounting surfaces to obtain the required gap.



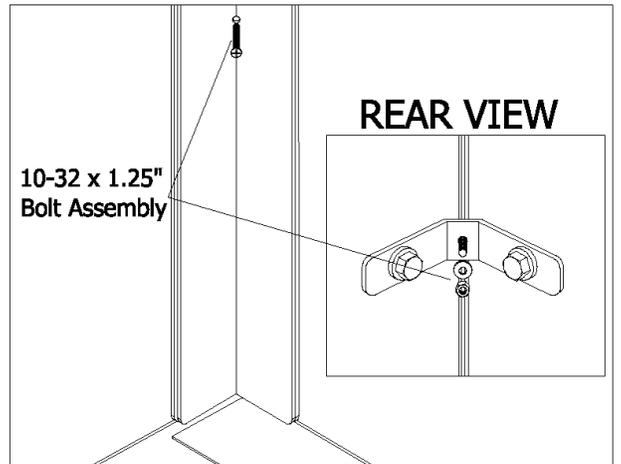
A	CORNER SEAL PANEL
B	CORNER SEAL PANEL MOUNTING BRACKET

Start by installing the corner seal panel mounting bracket. This bracket is held in place with the 5/16" x 1" long bolt assemblies that secure the bottom compression brackets to the wall uprights in the corner.

Connect the corner seal panel to the inside surface of the walls. Align the holes in the top of the corner panel with the holes in the top of the wall uprights and wall panels. Insert the 5/16" x 1" long bolt assemblies through the holes and tighten to connect the panels and brackets together.



Insert a #10-32 x 1.25" machine screw through the hole in the fold at the center of the corner seal panel, through the gap between the wall uprights, and then through the hole in the corner seal panel mounting bracket. Install the washer and nut on the screw and tighten. This fastener assembly will retain the bottom of the corner seal panel against the two wall sections.



Caulk can be used to seal the corner panel to the walls but is typically not required.

MAINTENANCE

General maintenance on the Hydropad system and gutter will help to ensure that the system continues to work efficiently.

DAILY MAINTENANCE

Clean nylon screen located in the gutter sump box. Lift out, rinse and replace.

Inspect float operation. Clean any debris that collects on the float.

Clean debris from channels of pad. Move all rocks, silt, and soil into the gutter.

WEEKLY MAINTENANCE

Clean any buildup of debris from gutter. Remove all rocks, sand, silt and soil from the gutter.

Inspect walls, pad connections and gutter seams for cracks and leaks. Reapply Sicaflex if required.

MONTHLY MAINTENANCE

Check and tighten all wall fasteners. Tighten all Hydropad fasteners.

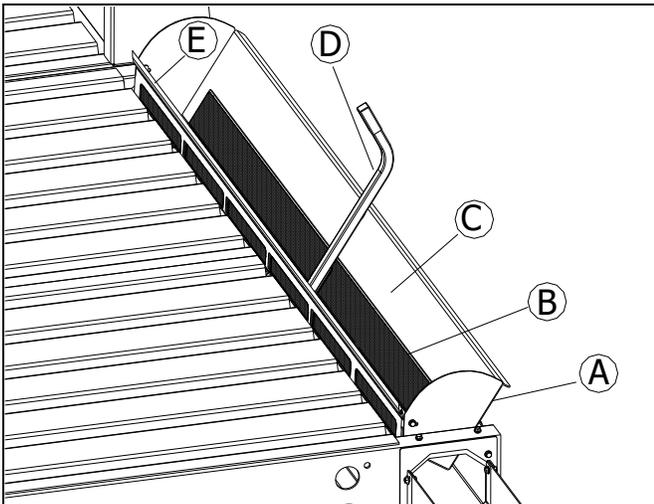
GUTTER

The Hydropad side gutter is where the waste water and debris is collected.

Hydropads are supplied with a U-shaped gutter. This shape directs the debris and the fluid flow to the center of the gutter. The shape increases the velocity of the fluid through the gutter and with the aid of a high volume pump debris may be flushed thru the gutter to a collection point.

The optional flip screen gutter option is designed to strain and catch larger debris as it enters the gutter. Because the screen suspends the material above the water level in the gutter, the solid debris is dewatered. The flip screen can be rotated up and out of the gutter to deposit the debris on the ground adjacent to the gutter where it can be readily removed.

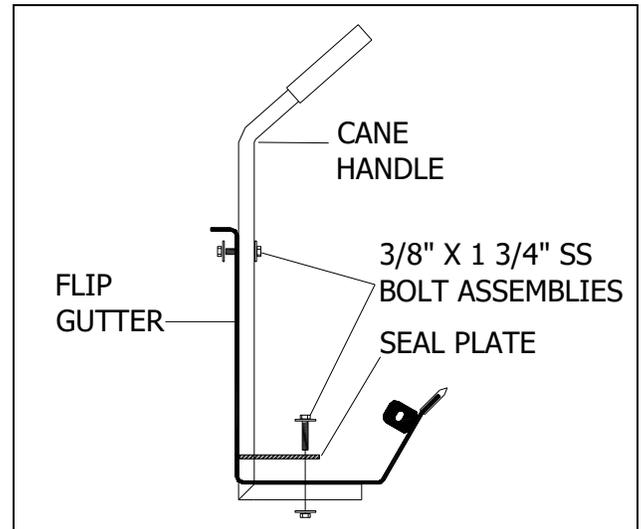
Screen inserts of differing mesh sizes and materials are available to suit application requirements.



GUTTER FLIP SCREEN COMPONENTS	
A	GUTTER FLIP SCREEN
B	FLIP SCREEN INSERT 3/32"
C	SCREEN HOLD DOWN BRACKET
D	FLIP GUTTER CANE HANDLE
E	TRIM SEAL

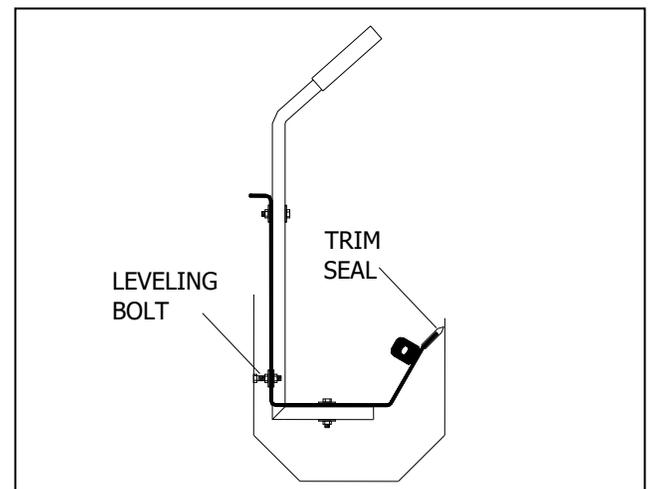
The gutter flip screen is factory assembled and installed in the Hydropad gutter.

The cane handle is routed through the hole in the flip screen and secured using the 3/8"NC x 1.75" stainless steel bolt assemblies.

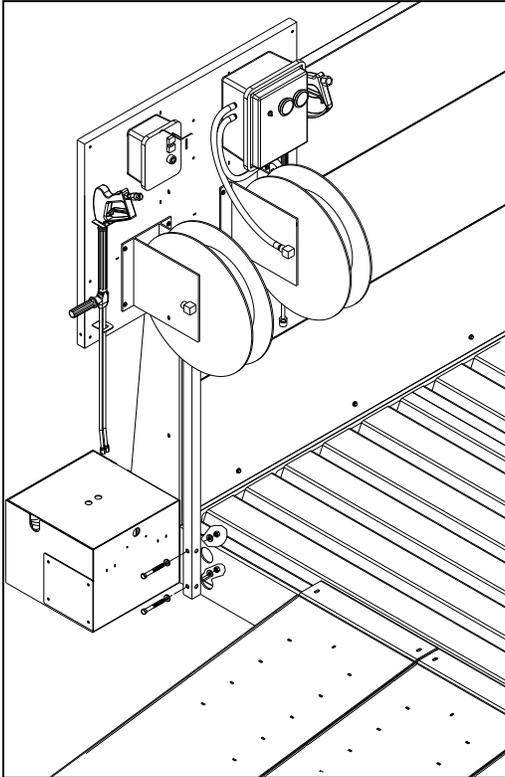


A seal plate is provided to seal the screen insert around the cane handle. This plate is placed on top of the perforated screen insert. The bolts go through the plate, insert, flip screen and handle.

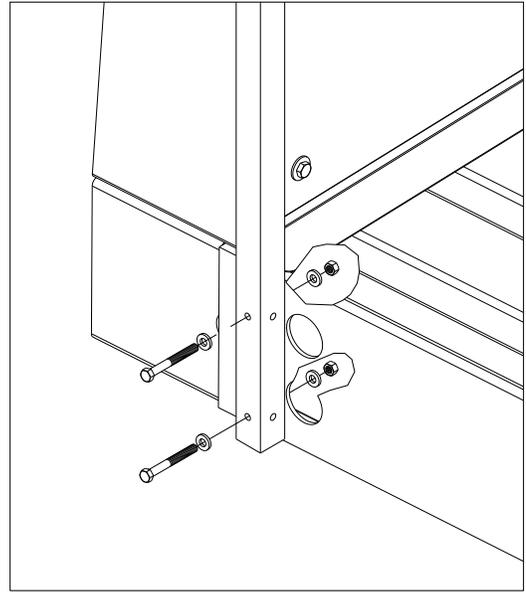
The flip screen includes two leveling bolts secured with jam nuts at the screen corners that set the location of the screen in the gutter. The leveling bolts are adjusted so that the screen trim seal rests against the fluid inflow side of the gutter. The seal must seal against the side of the gutter to direct fluid and debris into the screen but it can't be so tight that it prevents the screen from being flipped to remove the collected debris.



REMOTE EQUIPMENT MODULE OPTIONS



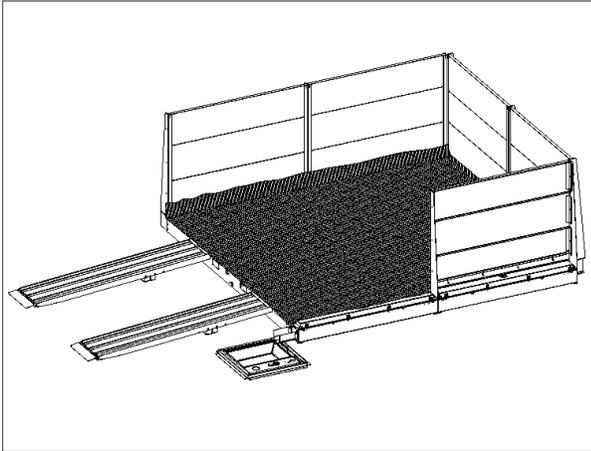
Several remote/hose reel options are available. They can be supplied with multiple hose reels, gun/wand mounts, work lights, and controls for Hydroblasters. They can be mounted to the top of a solid surface or may be bolted the top or side of the Hydropad.



If mounting the hose reel stand to the side of the Hydropad use the 1/2"NC x 3 1/4" supplied bolt assembly to fasten the stand to the pad. Access holes are provided to help with securing the fasteners into the side of the Hydropad.

RAIN TARP

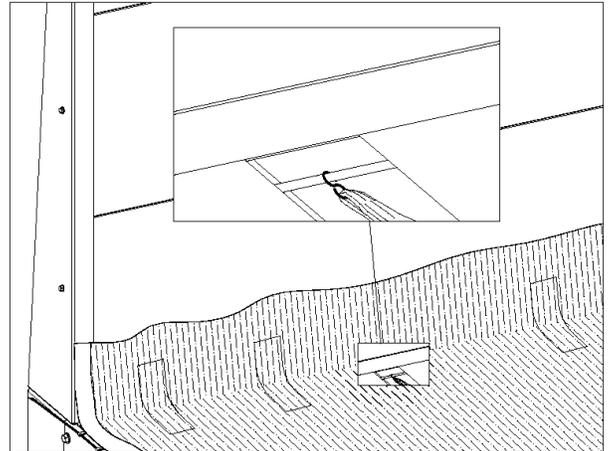
The Hydropad rain tarp is used to keep rain water from landing on the wash pad surface and entering the filter process. It is recommended that two people work together to deploy the rain tarp.



Start by spreading the tarp across the Hydropad surface. The black nylon web attachment loops and belts are all attached to the bottom side of the rain tarp.

Orient the tarp so that the webbing loops with the 'S' hooks are on the side opposite the gutter while the straps are on the gutter side.

Attach the 'S' hooks to the 1/4" round rods welded flush with the top of the channels on the non-gutter side of the Hydropad. Each 'S' hook should connect to the center of a support rod. Adjust the tarp so that the 'S' hooks are centered and fully engaged on the rods. This will align the tarp properly on the pad array.



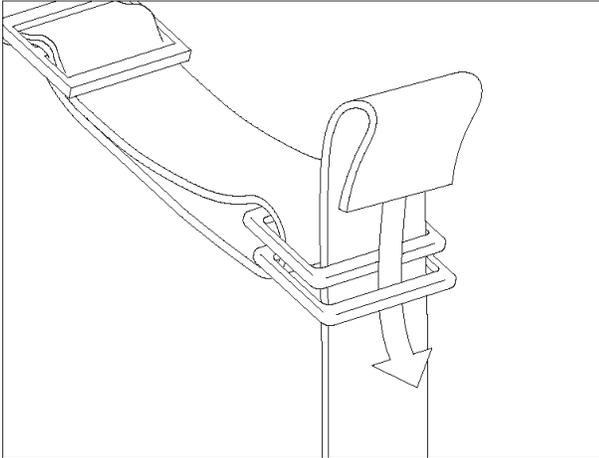
Stretch the rain tarp toward the gutter until it is evenly laid out.

The rain tarp is secured on the gutter side with the black nylon straps affixed to the tarp. If the gutter side of the Hydropad array is fitted with a wall the side of the tarp is laid up the wall and the straps are threaded under the wall deflector and across the top of the gutter. If there isn't a wall on the gutter side the straps are threaded through the web loops on the bottom of the tarp and across the top of the gutter to hold the side of the tarp down against the top of the gutter.

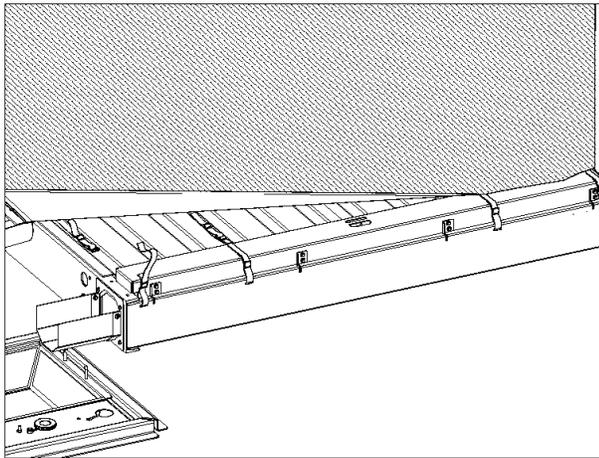
The rain tarp is provided with tie down straps that must be secured to the horizontal slots in the outside of the gutter wall. Feed the tie down straps through the slots and then through the buckle.

Adjust the length of the tie down straps on the tarp and the tie down straps on the gutter with the buckles on each strap. The goal is to conveniently locate the D-rings so that the connection is easy to access.

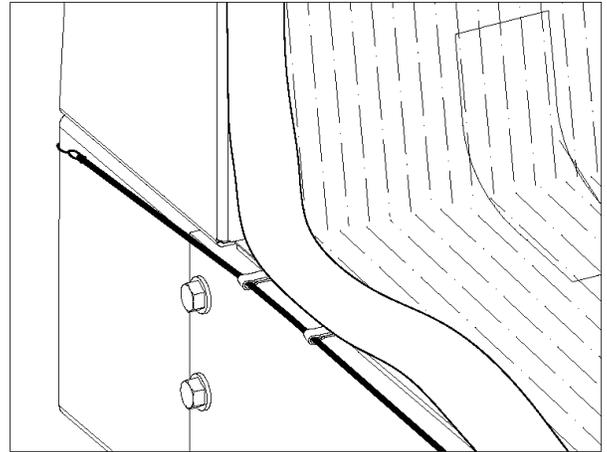
Thread the tie down straps on the gutter through the D-rings on the ends of the tarp straps.



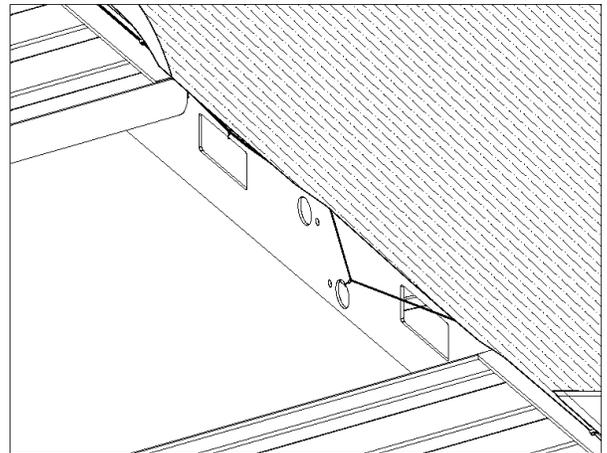
Tighten each strap to snug and straighten the tarp evenly along the gutter lid. Note: The gutter lid must be closed for proper tarp installation.



The rain tarp is also secured to the rail sides of the pad array. A number of nylon web loops are located along the sides and a long bungee cord is threaded through the loops. The bungee cord has a number of small 'S' hooks installed along its length. Attach the large hooks on the end of the bungee cord to any convenient points at the extents of the rail wall.

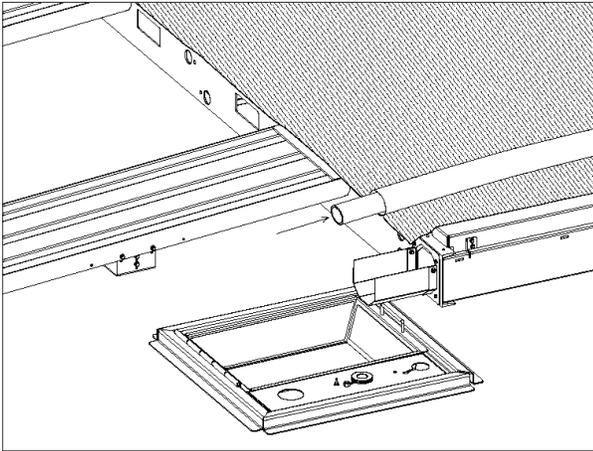


Attach as many of the small 'S' hooks as possible to various places on and around the rail channel by pulling the bungee cord they are connected to down to any convenient hole or edge. The goal is to have the bungee cord exert a light downward force on the loops to hold the edges of the rain tarp down to the surface of the Hydropad.

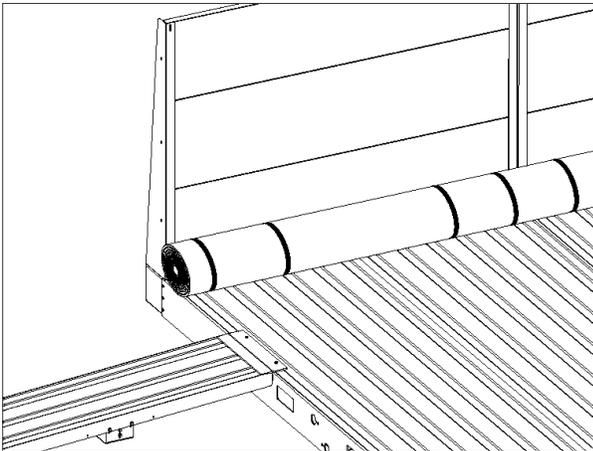


If a rail wall is present the rain tarp simply lays against the face of the wall. There is no accommodation for attaching the side of the tarp to a rail wall.

The rain tarp can be configured as a 'rolling rain tarp'. The tarp is fitted with a pocket on the gutter side that allows a PVC tube (up to 2.5" OD) to be inserted for the full length of the array.

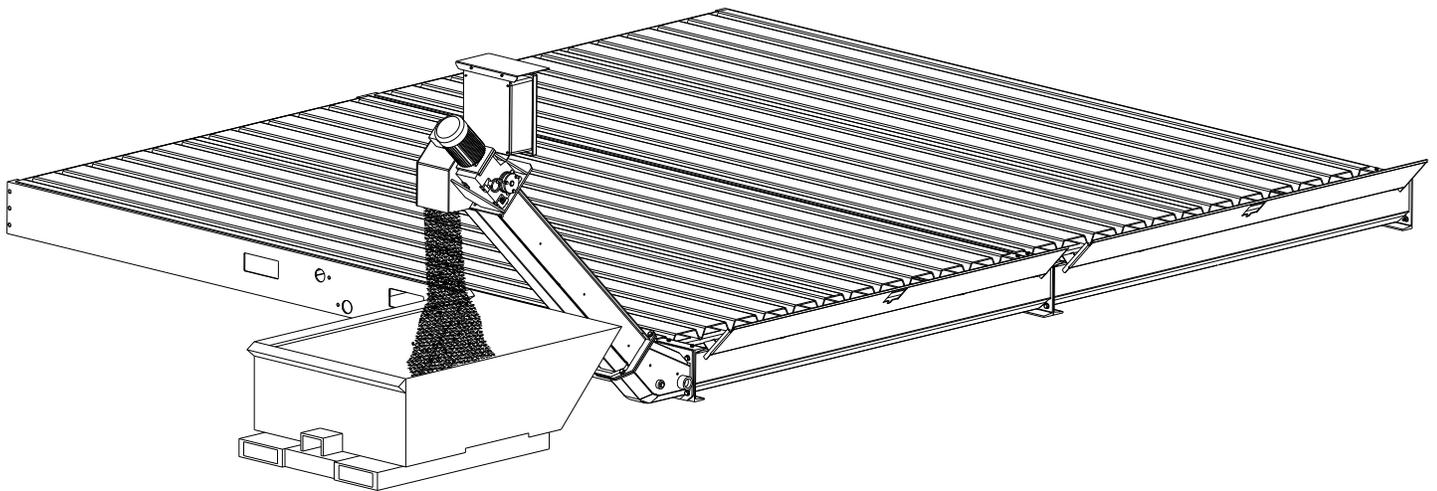


With this tube in place the tarp can be rolled from the gutter side to the opposite gutter side where it can be secured by tying the exposed web straps around the rain tarp for storage.



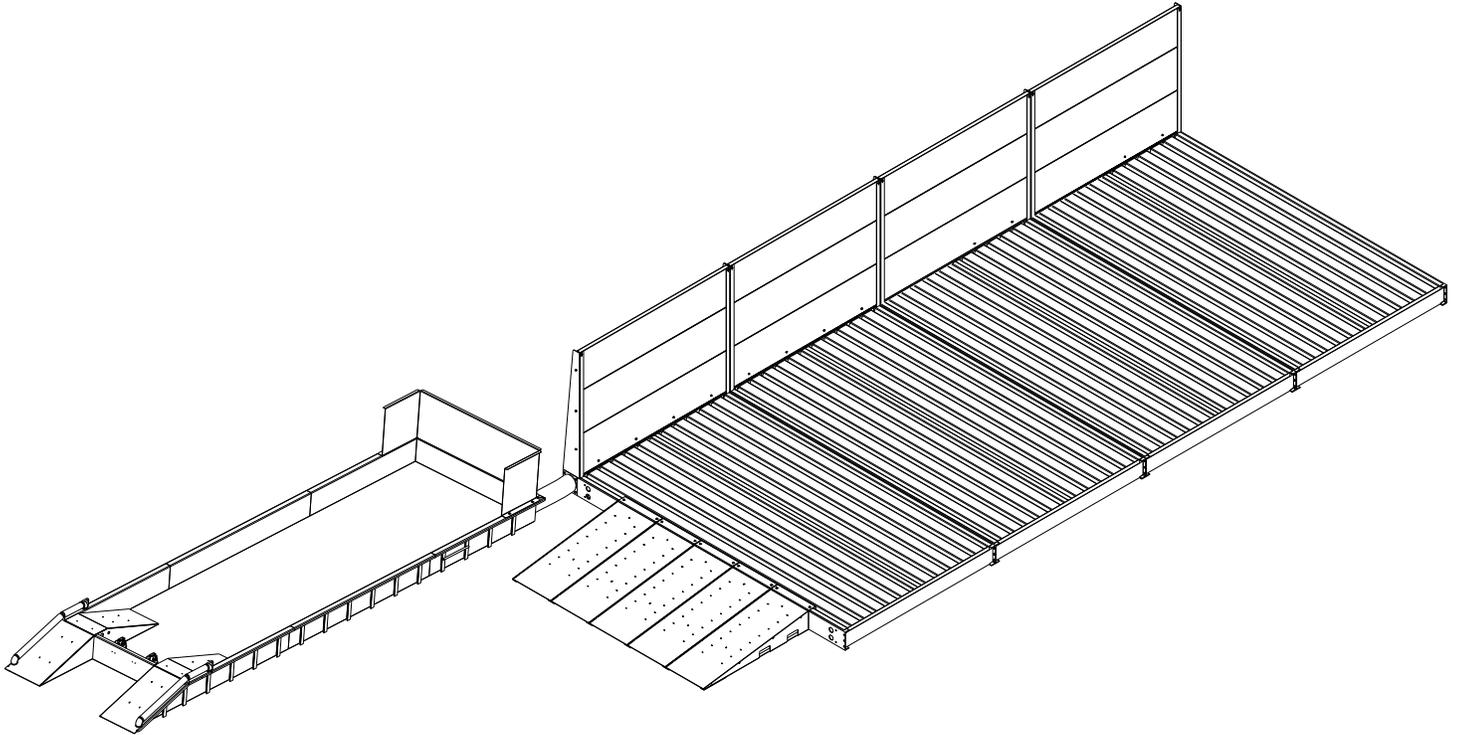
GUTTER CONVEYOR SYSTEM

Some system may incorporate a gutter conveyor system. The Conveyor system removes solids from the gutter and drops them into a customer supplied container to be disposed of. See additional gutter conveyor manual for installation details.



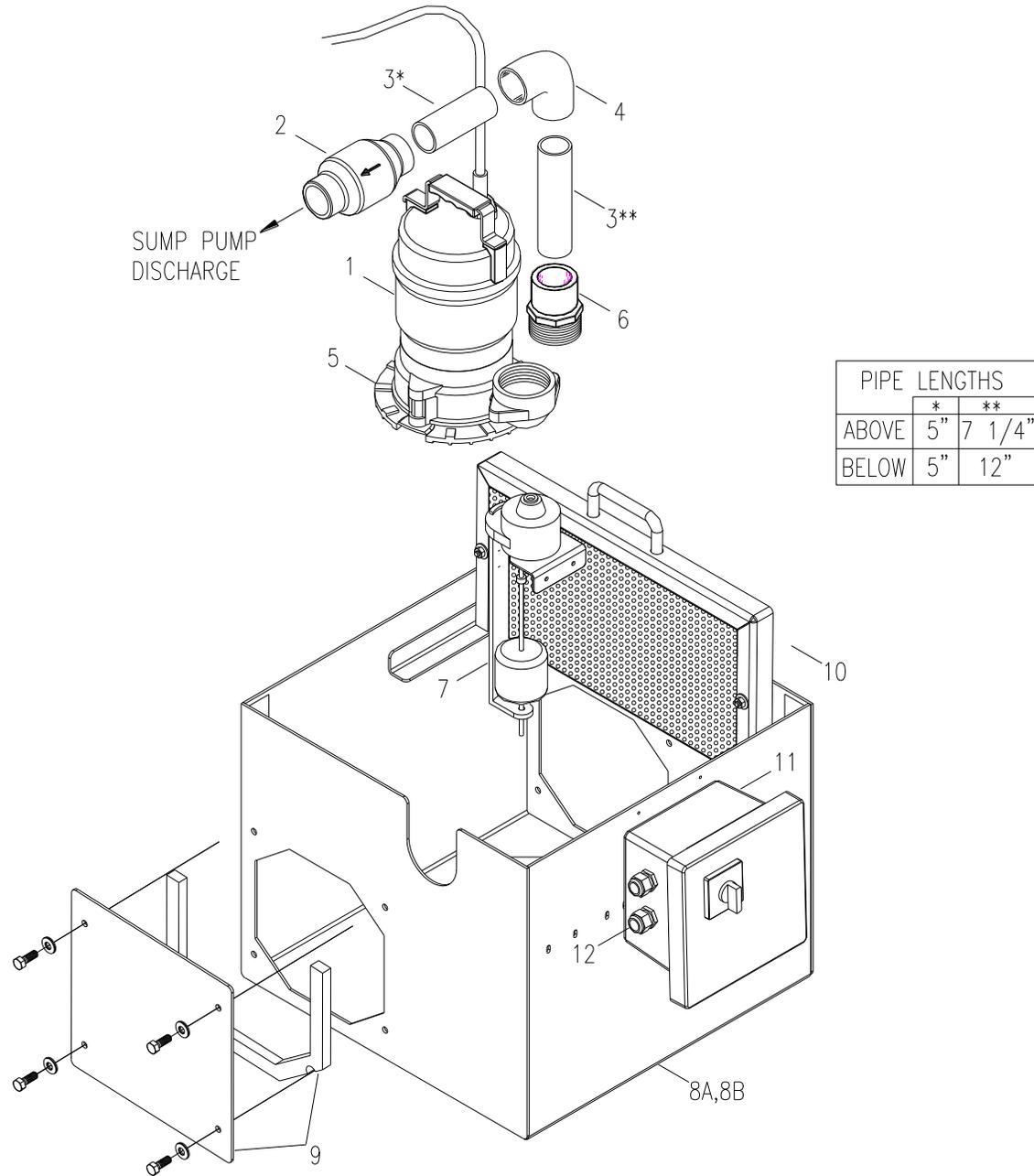
DRIVE IN CLEAN OUT TRAY

The drive in clean out tray allows solids to collect in a larger surface area where settling occurs and allows the user to empty the tray with a bobcat loader. See additional Drive in Clean out Tray manual for more information.



DIAGRAMS

PLUMBING: GUTTER SUMP BOX PLUMBING ABOVE OR BELOW GROUND



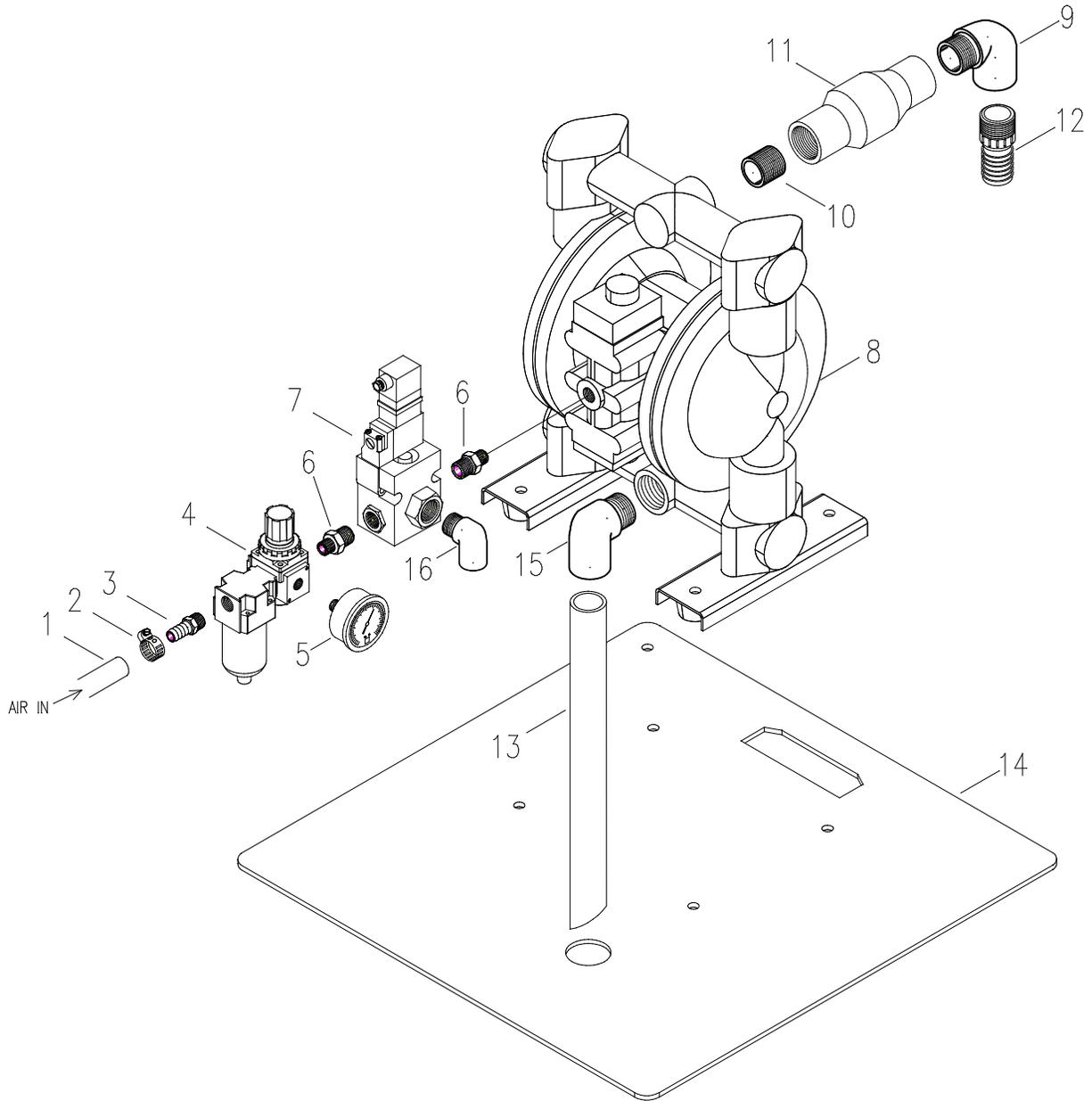
PARTS LIST

#	PART#	DESCRIPTION	#	PART#	DESCRIPTION
1A	2IM720	SUMP PUMP, 1/2HP, 115V, 5.4A, W/O FLT	7	2QS867	SWITCH,VERTICAL FLOAT, NO, 10A
1B	2KI207	SUMP PUMP, 1/2HP, 230V, W/O FS	8A	2LK482	PUMP BOX, HYDROPAD GUTTER, BOLT ON
1C	2KJ212	SUMP PUMP, 1/2HP, 220V, 50HZ, DEWATERING	8B	3TD255	SUMP BOX, BELOW GRADE, GUTTER MOUNT
2	0HA822	VALVE, CHECK, PVC, 1 1/2"SLIP X SLIP	9	3QX697	GUTTER END CAP, NO HOLE
3	1KY609	PIPE, PVC, 1 1/2", SCH 40	10	3SA961	SCREEN, PUMP BOX, HYDROPAD GUTTER, SM
4	OSW905	ELBOW, PVC, 1 1/2" SLIP X SLIP	11	1DR710	ENCLOSURE, 4X, 6x6x4, HINGED COVER
5	2KJ211	SUMP PUMP DEWATERING ADAPTER KIT	12	0ML233	CONNECTOR, CORD, 0.24"-0.47"OD, 1/2MPT
6	OUF254	ADAPTER, MALE, PVC,2"MPT X 1 1/2"SLIP			

PN: PL-SUMPBOX

01-19-17

PLUMBING: GUTTER SUMP BOX MOUNTED ALUMINUM DIAPHRAGM PUMP



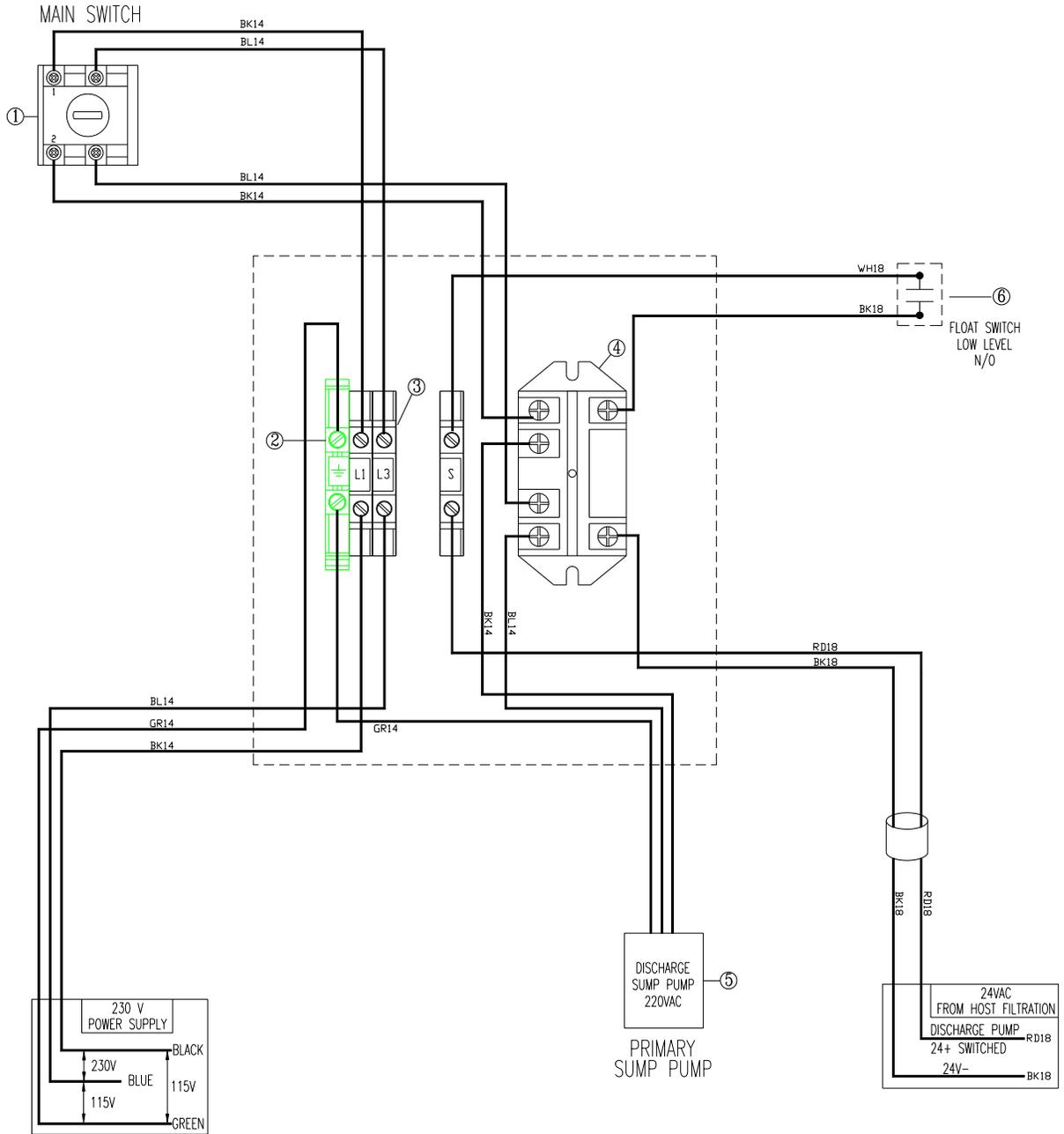
PARTS LIST

#	PART#	DESCRIPTION	#	PART#	DESCRIPTION
1	0ZT691	HOSE, ALL-PURPOSE, 3/8",BLUE	9	1ZF314	ELBOW, STREET, PVC, 1"MPT X 1"FPT
2	1JP252	CLAMP, HOSE, 5/16"- 7/8"	10	1BT219	NIPPLE, CLOSE, PVC, 1 1/2"
3	1VN355	HOSE BARB, BRASS, 90DEG, 3/8HBX1/2MPT	11	20A164	VALVE, CHECK, PVC, 1" FPT X FPT
4	4CX792	REGULATOR/FLTR, AIR, 117 SFCM 3/8	12	1QZ171	NIPPLE, KING, PVC, 1"HB X 1"MPT
5	100547	GAUGE, PRESS, 0-200PSI, 1/4"BK MNT, OIL	13	1KX599	PIPE, PVC,1" SCH 40
6	0EB050	NIPPLE, REDUCING, 1/2" X 3/8", BRASS	14	4JT575	LID, 4EP237, 3PA180 PUMP MOUNTABLE
7	4CX791	56C SERIES SAFE VALVE WITH 24VAC PILOT	15	0SZ936	ELBOW, STREET, PVC, 1"MPT X 1"SLIP
8	3PA180	PUMP, 20GPM, 100PSI, ALUMINUM, BUNA	16	3QA448	ELBOW, STREET, PVC,3/4"MPT X 3/4"SLIP

PN: PL-SUMPBOX-2

08-30-18

ELECTRICAL: SUMP BOX: 230V 60Hz, SUMP PUMP 24V CONTROL



*** PARTS LIST ***

#	PART #	DESCRIPTION	#	PART #	DESCRIPTION
1	3HB114	SWITCH, CAM, 2-POLE, OFF-ON, 20A, DR.MT.	2	2NX131	GROUND TERMINAL BLOCK
3	2NX133	FEED THROUGH TERMINAL BLOCK 8 AWG	4	3RP855	RELAY,24VAC COIL,25AMP,DPST
5	2KI207	SUMP PUMP, 1/2HP, 220V, 60/50HZ, W/O FS	6	2QS867	SWITCH,VERTICAL FLOAT, NO. 10A

EL-3SH031-230

06-06-14

RETURN GOODS AUTHORIZATION

Please follow this process when an item is returned for credit, warranty consideration, service repairs, or refurbishing.

ITEM RETURN PROCEDURE

1. Contact the Hydro Engineering, Inc. (HEI) Parts or Service Department to obtain an RGA authorization number. Please be prepared to provide an invoice number or the serial number of the equipment.
2. A Return Authorization Document outlining our understanding of your instructions to us will be sent to you promptly by mail, fax, or email.
3. Please package the items to be returned carefully.
4. The RGA number should be written legibly on the exterior of the return packaging to expedite handling your return.
5. Ship the product freight prepaid to HEI.
6. Item(s) received for warranty consideration will be evaluated and will either be repaired, replaced, or a credit issued. Upon receipt of items this process may take up to one week. If warranty is denied, you will be given a written explanation of the decision, along with a repair estimate. Your authorization will be required before any repairs are made.
7. All parts received by HEI and not covered by warranty may be returned, repaired, or discarded, at your option. Any item(s) held longer than 30 days after HEI's request for customer's disposition directions will be discarded as scrap.
8. **NOTE:** Warranted items are returned to you freight prepaid via ground service. You will be responsible for all return shipping & handling costs for item(s) denied warranty repair that you want returned.

NOTE: RGAs are valid for 45 days, if your parts are not returned to HEI within the 45 day period the RGA will be closed.

REPLACEMENT PARTS ORDERS

If replacement items are needed immediately for parts submitted for warranty consideration, an invoice will be generated for those item(s). This invoice is due and payable per the established customer terms.

Hydro Engineering Inc.
865 W. 2600 S. • Salt Lake City, UT 84119
(801) 972-1181 • (800) 247-8424
www.hydroblaster.com



NEW PRODUCT LIMITED WARRANTY

Hydroblaster Pressure Washers & Hydrokleen Waste Water Recycling and Filtration Equipment

NEW PRODUCT LIMITED WARRANTY Applies to all Hydro Engineering Inc. Equipment

LIMITED WARRANTY COVERAGE:

Products manufactured by Hydro Engineering, Inc., are warranted to the original purchaser to be free from defects in materials and workmanship under normal use for specific periods. This Limited Warranty is subject to exclusions, is calculated from the date of the original purchase, and applies to the original components only as shown below. Any parts repaired or replaced under this warranty will fall under that parts limited warranty.

NINETY DAY LABOR:

This limited warranty includes labor for a period of ninety (90) days from the original purchase date. Labor is provided on the replacement and/or repair of parts covered by this limited warranty only. Labor is not covered for replacement of parts considered as wear items or items rejected under the terms of this limited warranty.

LIMITED LIFETIME PARTS:

Some parts supplied on our equipment carry a lifetime limited warranty such as; forged brass pump manifolds, they are warranted unconditionally, including freeze damage. These pass-through warranties are subject to change by their manufacturer. Please consult our service department for the most recent warranty terms on these items.

FIVE YEAR PARTS:

This applies to all proprietary parts manufactured by Hydro Engineering, Inc., such as equipment frames, Hydropads, stainless steel equipment covers, panels, guards, coil wraps, and fuel tanks.

FIVE YEARS PRORATED:

Hydroblaster heating coils are covered for full repair or replacement during the first two years; customer pays 40% of replacement cost during third year, 60% during fourth year and 80% during the fifth year.

ONE YEAR MINIMUM ON PARTS:

All other components will be warranted based on the original component manufacturer's limited warranty. All carry a one-year minimum term. Normal wear items as described below are excluded.

PASS THROUGH REPLACEMENT PARTS WARRANTY:

Many components such as pumps, motors, engines, etc., may be warranted by their respective manufacturers and are serviced through the manufacturer's local authorized service centers. Hydro Engineering, Inc. is not authorized to provide warranty on many of these items, but will help you contact and expedite the warranty process with the authorized service centers.

EXCLUSIONS:

1. Normal service and wear items, such as oil filters, fuel filters, nozzles, guns, wands, quick disconnects, O-rings, seals, packing, valve or valve assemblies, water filter cartridges, belts, brushes, discharge hoses, oil skimming belts, filter media, ozone bulbs, etc.
2. Damage or malfunctions resulting from accidents, abuse, modification, alterations, incorrect installation, improper servicing, and failure to follow manufacturer's maintenance instructions, or use of the equipment beyond its stated usage specifications as contained in the operator's manual.
3. Freeze damage, chemical damage, scale/hard water build up, rust, corrosion, or excessive heat.
4. Damage resulting from inadequate- electric, water and venting or fuel supplies.
5. Normal maintenance service, including tune-ups, fuel system cleaning, and clearing of obstructions in fuel or water lines.
6. Freight damage resulting from shipment.
7. Field labor and transportation (mileage) charges for onsite service calls.

ACQUIRING WARRANTY SERVICE:

To acquire warranty service, you must return the product to your Authorized Hydro Engineering, Inc. Dealer, (or directly to Hydro Engineering Inc. factory), and freight prepaid, with proof of purchase date within the applicable warranty period. If the product is permanently installed, you must notify your Authorized Hydro Engineering, Inc. Dealer (or Hydro Engineering Inc. factory) of the defect. Your Dealer is authorized to file a claim with Hydro Engineering, Inc. Ground freight charges on warranted replacement parts will be paid by Hydro Engineering Inc. For warranty service on components warranted by other manufacturers, your Authorized Hydro Engineering, Inc. Dealer (or Hydro Engineering Inc. factory) can help you obtain warranty service through the manufacturer's local authorized service centers.

LIMITATION OF LIABILITY:

Hydro Engineering, Inc. shall not be liable for special, incidental, or consequential damages and therefore these damages are expressly disclaimed. Hydro Engineering, Inc.'s liability limit under this limited warranty shall not exceed the purchase price of the product in question. Hydro Engineering, Inc. makes every effort to ensure that all illustrations and specifications are correct, however, these do not imply a warranty that the product is merchantable or fit for a particular purpose, or that the product will actually conform to the illustrations and specifications. THE WARRANTY CONTAINED HEREIN IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, INCLUDING WASTE-WATER TREATMENT. Hydro Engineering, Inc. does not authorize any other party including authorized Hydro Engineering, Inc. Dealers, to make any representation or promise on behalf of Hydro Engineering, Inc., or to modify these terms, conditions, or limitations in any way. It is the buyer's responsibility to ensure that the installation and use of Hydro Engineering, Inc. products conforms to local codes.

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