

REQUEST FOR QUOTATIONS <i>(THIS IS NOT AN ORDER)</i>		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE			PAGE 1 OF 50 PAGES	
1. REQUEST NO. N69450-15-Q-5344	2. DATE ISSUED 08-Jul-2015	3. REQUISITION/PURCHASE REQUEST NO. ACQR3920247	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING DO-C2		
5a. ISSUED BY NAVFAC SOUTHEAST SOUTH TEXAS AREA PWD CORPUS CHRISTI/PWD INGLESIDE 8851 OCEAN DRIVE, BLDG 19 CORPUS CHRISTI TX 78419-5525			6. DELIVER BY (Date) SEE SCHEDULE			
5b. FOR INFORMATION CALL: (Name and Telephone no.)(No collect calls) JOEL OVERSON 361-516-6107			7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)			
8. TO: NAME AND ADDRESS, INCLUDING ZIP CODE			9. DESTINATION (Consignee and address, including ZIP Code) PWD CORPUS CHRISTI INSPECTOR OF RECORD 8851 OCEAN DR, BLDG. 19 CORPUS CHRISTI TX 78419-5525 TEL: 361-961-3397 FAX:			
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS: (Date) 11-Aug-2015						
IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quote. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.						
11. SCHEDULE (Include applicable Federal, State, and local taxes)						
ITEM NO. (a)	SUPPLIES/ SERVICES (b)		QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
SEE SCHEDULE						
12. DISCOUNT FOR PROMPT PAYMENT		a. 10 CALENDAR DAYS %	b. 20 CALENDAR DAYS %	c. 30 CALENDAR DAYS %	d. CALENDAR DAYS No. %	
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached.						
13. NAME AND ADDRESS OF QUOTER (Street, City, County, State, and ZIP Code)			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
			16. NAME AND TITLE OF SIGNER (Type or print)		TELEPHONE NO. (Include area code)	

Section SF 30 - BLOCK 14 CONTINUATION PAGE

STATEMENT OF WORK

GENERAL INFORMATION:

Document Type: Combined Synopsis/Solicitation Notice

Solicitation Number: N69450-15-Q-5344

Set Aside: 100% Total Small Business

NAICS Code: 237110, Size standard in Millions: \$36.5

DESCRIPTION / SCOPE OF WORK: Contractor is to provide all Labor, Materials, equipment, Tools, Transportation and Management necessary to remove and replace 10 fire hydrants at NAS Corpus Christi, TX.

This announcement constitutes the only solicitation; no separate written solicitation will be issued.

BASIS FOR AWARD: AWARD WILL BE BASED ON LOWEST PRICE.

Target Price Range is \$70K-\$90K

Anticipated award date: 5 days after close of solicitation

Quotes are to be received no later than noon (12 p.m. central standard time) 11 August 2015. Proposals should be emailed to joel.overson@navy.mil

Any changes to the solicitation or RFI's will be posted on FEDBIZOPS (www.fbo.gov) for the mutual benefit of all bidders.

ADDITIONAL INFORMATION:

Solicitation document shall be signed by bidders and all applicable Certifications and Representations shall be completed. Offer should be in sufficient detail to ensure that the technical team can determine the offer complies with the Statement of Work (SOW).

All payments are to be paid via the Internet through the Wide Area Work Flow (WAWF) system. WAWF may be accessed at <https://wawf.eb.mil>. WAWF training may be accessed online at <http://www.wawftraining.com>. Payment information may be accessed using the DFAS website at <https://www.dfas.mil>. Your purchase order/contract number or invoice will be required to inquire status of your payment.

Be advised that all interested parties must be registered in the System for Award Management (SAM) Database in order to receive payment for products/services

rendered to the Government as the result of an award. If you are not registered you may request an application at (334) 206-7828 or through the SAM website at <https://sam.gov>.

Rapid Gate Information: The Navy has implemented a new security access program for the Corpus Christi and Kingsville Naval Air Stations. This program, called Rapid gate, will reduce expenses, reduce risk, and insure quicker access for people coming to the installation. You must either call 1-877-727-4342 or go online to <http://rapidgate.com> Once the company is enrolled, your employees can register at the installation. If your company employees have been authorized the common access card (CAC), it is not necessary to enroll in the rapid gate program.

SITE VISIT INFORMATION:

1. One site visit will be held to ensure all potential offerors have uniform information in order to make an accurate proposal.
2. Site visit will be conducted on **24 July 2015 at 10:00 a.m.** central time at **NAS Corpus Christi, TX**. All potential offerors are encouraged to attend the site visit to perform an inspection of the size and current layout.
3. Offerors are expected to satisfy themselves as to the general and local conditions that may affect the cost of the performance of the work to the extent that such information is reasonably obtainable. It is considered impractical to determine, without inspection, the exact nature of the work and site conditions under which the work is to be performed.
4. To attend please submit form ONB 0703-0061 (Department of the navy Population ID Card/ Base access Pass Registration form) to the Site Visit POC.

Site Visit POC:
ENS Natalie King
natalie.royals@navy.mil
361-961-5175

Deadline for receipt of this form is one week prior to the site visit. It is the responsibility of the contractor to confirm this form is received. After submission of form should a person not be available to attend, send a cancellation email to the same POC.

5. Interested parties are advised to arrive by an hour early in order to receive security passes and clearance.
6. The contractor may require, and should have, their own ear plugs, safety glasses and safety shoes to have access to the work site.

PW#: BJW69L

Written by: Ray Schroeder, P.E., UEM Engineer

1. GENERAL DESCRIPTION: The Contractor shall provide all supervision, transportation, labor, materials to accomplish the Project Objective(s). The purpose of this project is to:

1. Selectively excavate, saw-cut concrete (up to eight-inches (8") thick), remove protective railroad track section members and bollard assemblies (where present), disconnect an adjacent solar-electric meter, demolish, remove and replace ten (10) existing Dry Barrel 5-1/4" Main Valve 250 psig Three-Way Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel with Hydrant Shoe/Valve Sub-Assembly with ten (10) Mueller Super Centurion A423 type (or direct and acceptable equivalent) Dry Barrel 5-1/4" Main Valve, 250 psig Three-Way (two (2) hose nozzles and one (1) pump nozzle) Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel and Shoe/Valve Assembly mounted on an adequately sized thrust block installed a nominal depth of three feet (3'-0") and a maximum depth of three feet – six inches (3'-6") below grade. Per NASCC Instruction 11320.8L and in accordance with the pertinent requirements of NFPA 1 and UFC-3-600-01 each hydrant shall be equipped with a five inch (5") Stroz Pumper Nozzle Connection (i.e. "International Connection") having the attachment with "five-inch threads" to facilitate ease of connection of hydrant with both NASCC Fire Department and City of Corpus Christi Fire Department personnel and equipment (Please see Attachment H).

2. Connect newly installed dry barrel hydrant assemblies to existing six-inch (or greater) diameter ($\geq 6''$ dia.) lateral lines (See Attachment D) by installing the necessary sections (in length) of six inch diameter (6" dia.) Schedule 40/80 SRP-PVC/Polyethylene (C900 / DR-188 /DR-9 or Equivalent HDPE) High Pressure Certified Piping, Elbow and/or Union Joints (30°, 45°, and/or 180°) Fittings, and straight or reducing (for those instances where the water supply piping is larger than six inches in diameter ($\geq 6''$ dia.)) Adaptive Connective Fittings to allow the new lateral pipe run from the newly installed Shoe/Valve Assembly to the existing Hydrant Connection/Isolation Valve to be run at a nominal depth of three feet (3'-0") to a maximum depth of three foot six inches (3'-6") (utilizing (where required) Elbow and/or Union Joints (30°, 45°, and/or 180°) Fittings, and straight or reducing Adaptive Connective Fittings) from the newly installed hydrant assemblies to the existing six inch diameter (6" dia.) water distribution piping system(s) in order to ensure connectivity between the newly installed dry barrel assemblies and the existing water piping systems.

3. Backfill, Compact, and replace excavated sections of concrete (where required and appropriate) and operationally test each of the ten (10) the newly installed Mueller Super Centurion A423 type (or direct and acceptable equivalent) Dry Barrel 5-1/4" Main Valve, 250 psig Three-Way (two (2) hose nozzles and one (1) pump nozzle) Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel and Shoe/Valve Assembly mounted on an adequately sized thrust block installed a nominal depth of three feet (3'- 0") and a maximum depth of three feet – six inches (3'-6") below grade as well as the connections between the newly installed dry barrel hydrant assemblies and the existing water piping systems to ensure connectivity, leak tight integrity and adequate flow and pressure at each hydrant assembly. Install replacement four inch diameter (4" dia.) ASTM A53 Painted and concrete filled pipe bollard assemblies to replace existing removed railroad track section members and "U" shaped bolt-down bollard assembly.

2. LOCATION: The work for the following hydrants is physically located at the following locations:

Hydrant 27 – At the Northeast Corner of Hangar 45 Hydrant 28 – At the Northwest Corner of Hangar 45 Hydrant 29 – At the Northeast Corner of Hangar 44 Hydrant 30 – At the Northwest Corner of Hangar 44 Hydrant 31 – At the Northeast Corner of Hangar 43 Hydrant 32 – At the Northwest Corner of Hangar 43 Hydrant 35 – At the Northeast Corner of Hangar 41 Hydrant 36 – At the Northwest Corner of Hangar 41 Hydrant 39 – Along Avenue "C" At the Southeast Corner of Building 22 Hydrant 43 - Along 1st Street Adjacent to a Southwest Corner of Building 1846

Please see Attachment Number A for specific maps and locations of each of the aforementioned hydrants. Please see Attachment B for the location and interface map of the NASCC Water Distribution System(s) relevant to this project for isolation and potential outage information and guidance. Please see attachments E, and G for relevant utilities location maps to determine where sewer and/or natural gas utilities may be impacted due to work associated with this project. Contact the UEM Manager, Shop Area Maintenance Supervisor, the Project Manager or the Facilities Acquisition and Engineering Division Officer for further information regarding hydrant locations.

3. TIME FOR COMPLETION: The period of performance is 110 calendar days. The period of performance starts when the contract/task order is awarded, and ends when the work is completed and accepted by the Government. The period of performance includes pre-construction submittals, material/equipment lead time, and all construction activities up to final acceptance. The period of performance is negotiable; hence, if the contractor believes a different/longer period of performance is needed, they should negotiate this with the Contract Specialist prior to task order/contract award.

4. EXAMINATION OF SITE: Bidders shall visit the site, take their own measurements, inspect carefully the work area and satisfy themselves as to the character and amount of work to be done. Site visits may be made at 9:00 A.M. and 3:00 P.M., Monday through Friday, and must be scheduled in advance. Arrangements to visit the site may be made by contacting the Contracting Office.

5. SCHEDULE OF WORK: The work shall be so scheduled as to cause a minimum of interference to the normal operations of the tenants. Work shall be accomplished between the hours of 7:30 A.M. and 4:30 P.M., Monday through Friday. If the Contractor desires to work on Saturday, Sunday, holidays, or outside of the Station's regular hours, an application may be submitted to the Contracting Officer for approval.

6. PROTECTION OF EXISTING WORK: Existing work to remain shall be protected from damage. Work damaged by the Contractor shall be repaired to original condition at no additional cost to the Government.

7. NAS FIRE REGULATIONS: "Hot work" permits are issued to the Contractor by the Fire Prevention Inspectors by calling 961-4151 or 961-4983. Permits are issued on a daily basis only and from start of work until finished. Permits are required for all "hot work" and before entering buildings. ("Hot work" includes all welding, cutting, soldering/brazing, blow torches, etc.)

8. SAFETY REQUIREMENTS: The Contractor shall comply with the safety rules and regulations pertaining to the activity, and shall govern employees according to, and in compliance with applicable OSHA Regulations and U.S. Army Corps of Engineers Safety and Health Manual EM 385-1-1. The Contractor shall maintain an accurate record of exposure data on all accidents incidental to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to property, materials, supplies, or equipment. The Contractor shall report this data in the manner prescribed by the Contracting Officer. A written safety plan, outlining all Contractor Safety Procedures, will be required for all work under this contract, and will be subject to approval by NAS Corpus Christi Safety Department prior to commencement of work. (For SAP, not BOS unless fall protection is needed)

8.1 Lock out/ Tag Out Policy: (Use if applicable to the work described)

a. Combination locks shall not be used for lockout;

b. No two (2) lockout devices (locks) shall be keyed alike;

c. No more than two (2) keys shall exist for any lock. The worker shall maintain one key, and the supervisor shall maintain the other in a location readily accessible in the event of an emergency;

d. Both lockout and tag-out devices shall indicate the identifier of the employee applying the device(s). Tag-out devices shall include the cognizant shop (or code), the telephone number where the employee can be reached during working hours, name of his/her supervisor, date the device was applied, and the machine, equipment, or system component that is de-energized.

9. ASBESTOS AND LEAD: There is no known asbestos containing material (ACM) and/or lead based paint on this project. (if asbestos is present)

10. WEIGHT HANDLING EQUIPMENT (WHE): The provision of NAVFAC Publication P-307 apply to all civilian, military, and contractor personnel who operate weight handling equipment and use crane related rigging gear on board Naval Air Station Corpus Christi, Texas.

11. EXCAVATIONS AND OUTAGES: Any excavation greater than 8 inches below grade requires an excavation permit. Any utility or HVAC outage affecting inhabited work space, inhabited living space, or exit from an inhabited work space/living space requires an Outage Permit. For Excavation and Outage permits the point of contact is the Facilities Engineering and Acquisition Division Branch Chief.

12. CONFINED SPACE PERMITS/CERTIFICATIONS: The work for this project could readily be in what is considered a "confined space". Hence, the contractor shall as a minimum completely adhere to all regulatory and statutory requirements contained in 29 CFR 1910.146 and the U.S. Army Corps of Engineers Safety and Health Manual EM 385-1-1, Section 34 for work in a confined space and shall utilize personnel, equipment and work procedures to allow for and facilitate successful completion of all work required to successfully and safely execute this project. Furthermore, as the Navy does not provide confined space permits for contractors, it is, therefore, incumbent upon the contractor get all of the necessary permits required for confined space work. For clarification and/or coordination, the point of contact is Mr. Robert Cramer, com: (361) 961-5349, email Robert.cramer@navy.mil.

12.1 ATTACHMENTS: The following sketches are a part of this specification and shall not be used for any purpose other than that contemplated by this contract:

Attachment	Title
A	Hydrant Location Map(s)
B	Water Utilities and Hydrant Interface map
C	Solid Waste Report
D	PMI Inventory Sheet
E	NASCC Sewer Distribution System Map
F	Hydrant Replacement Structural Details
G	NASCC Natural Gas Distribution System Map
H	NASCC Fire Hydrant Requirements

13. SPECIFIC SCOPE OF WORK:

13.1 Contractor Site Survey and Measurements: The contractor shall conduct their own survey of the site to determine existing features, conditions, and measurements. The contractor shall report any discrepancy between the statement of work and existing conditions prior to the commencement of work.

13.2 Coordination with FEAD: The contractor shall coordinate with the FEAD Department approximately three working days in advance of start of work to let the occupant of the building know when the construction is to take place so that they may notify their personnel to remain clear of the jobsite and to not affect scheduled work hours.

13.3 FEAD Oversight: All work under this Contract is to be accomplished with FEAD Department oversight. The contractor shall coordinate with the FEAD Point of Contact site visit access. The contractor shall give notice to the FEAD Point of Contact prior to accomplishment of any work. The Point of Contact will be appointed by the FEAD Branch Chief for Project Management & Construction.

13.4 Jobsite Cleanliness: Keep the jobsite clean at all times, free of all tobacco products and remove all debris from the station.

13.5 Compliance with Nationally Recognized Standards: All work shall be performed in compliance with the latest edition of (IPC, OSHA, and best business practices, etc....). All products shall be installed according to manufacturer's recommendations.

13.6 Workmanship: All work to be performed and installed in a neat and workmanlike manner and in compliance manufacturer's recommendation and the latest edition of (cite applicable codes, UFC's etc).

13.7 Licensing Requirements: All work is to be accomplished with the necessary qualified and licensed journeymen that have met all current city & state certifications or license requirements to accomplish the specified work.

13.8 Site Work

13.8.1 (Hydrants 27, 28, 29, 30, 31, 32, 35, 36, 39, and 43)

1. Prior to commencement of any other work, secure the existing Hydrant Isolation valves for Hydrants 27, 28, 29, 30, 31, 32, 35, 36, 39, and 43.
2. Isolate and locate the depth and verify the size (diameter) of the existing water line distribution serving Hydrants 27, 28, 29, 30, 31, 32, 35, 36, 39, and 43.
3. Verify the location and depth of the protective railroad track section members located around Hydrants four-inch diameter concrete filled protective bollards located around Hydrants 27, 28, 29, 30, 32, 35, 36, 39, and 43 as well as the "U" shaped bollard located in front of Hydrant 31.
4. Verify the thickness (up to eight inches (8")) with up to No. 5 ASTM A615 Gr. 60 rebar) of any reinforced concrete that may require saw-cutting and excavation for Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39.

13.9 Demolition

13.9.1 (Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39):

1. Remove the Existing railroad track member sections from around Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39. If the protective railroad track section members are anchored with concrete remove via saw cutting, jack hammering, or whatever means is deemed by the contractor as required, safe, and expedient.
2. Excavate the up to eight inches (8") of reinforced concrete by either saw-cutting, jack hammering, or whatever means is deemed by the contractor as required, safe, and expedient to properly excavate the area around Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39 so as to allow the selective demolition and removal of Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39's assemblies to include the dry barrel hydrants, the hydrant extension barrels, and the hydrant shoe/valve assemblies.
3. Detach Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39s' barrel and shoe assemblies from each of the thrust block assemblies (if present) and (if present) evaluate to see if the existing thrust blocks for each hydrant can be reutilized. If not, selectively demolish and remove the thrust block assemblies.
4. Excavate the up to eight inches (8") of reinforced concrete by either saw-cutting, jack hammering, or whatever means is deemed by the contractor as required, safe, and expedient to properly excavate reinforced concrete out from the fire hydrant in the direction of the existing connective water piping so as to allow for (if required) the selective demolition and removal of a sufficient section to facilitate connection of the new hydrant assembly to the existing line.

13.9.2 (Hydrants 43):

1. Remove the Existing railroad track member sections from around Hydrant 43. If any of the protective railroad track section members are anchored with concrete remove via saw cutting, jack hammering, or whatever means is deemed by the contractor as required, safe, and expedient.
2. Excavate the areas around Hydrant 43 so as to allow the selective demolition and removal of Hydrant 43 assembly to include the dry barrel hydrant, the hydrant extension barrel, and the hydrant shoe/valve assemblies for the hydrant.
3. Detach Hydrant 43 barrel and shoe assembly from each Hydrant 43's thrust block assembly (if present) and (if present) evaluate to see if Hydrant 43's existing thrust block can be reutilized. If not, selectively demolish and remove Hydrant 43's existing thrust block assembly.
4. Excavate out from the Hydrant 43 in the direction of the existing connective water piping so as to allow (if required) the selective demolition and removal of sufficient sections around Hydrant 43 to facilitate connection of each of Hydrant 43 assembly to the existing line(s).

13.10 Installation

13.10.1 (Install Replacement Hydrant Assemblies for Hydrants 27, 28, 29, 30, 31, 32, 35, 36, and 39):

1. Where present backfill, compact, and replace excavated sections of concrete (where required and appropriate and up to eight inches (8") in thickness with ASTM C150 3,000 psi 28 day compressive strength concrete with the necessary ASTM A615 Gr. 60 alloy steel rebar to match the existing conditions at the start of the project) for Hydrants 27, 28, 29, 30, 31, 32, 25, 36, and 39.
2. Backfill, Compact, and replace excavated sections of to match the existing conditions at the start of the project) for Hydrants 27, 28, 29, 30, 31, 32, 25, 36, and 39.
3. For Hydrants 27, 28, 29, 30, 31, 32, 25, 36, and 39's assembly, install the replacement four-inch diameter (4" dia.) protective bollards each painted with a corrosion and weather resistant paint that is either red or yellow in color and that are up to six feet (6'-0") in length fabricated from ASTM A74 or A53 schedule 20 black cast iron or black steel pipe that have each been filled with ASTM C150 3,000 psi compressive strength concrete and sunk up to three feet (3'-0") deep into the ground in a pattern matching the existing protective bollards that are to be removed and disposed of by the contractor.

13.10.2 (Install Hydrant Assemblies for Hydrant 43):

1. Install the new six-inch diameter (6" dia.) Hydrant Extension Barrel with Hydrant Shoe/Valve Sub-Assembly with ten (10) Mueller Super Centurion A423 type (or direct and acceptable equivalent) Dry Barrel 5-1/4" Main Valve, 250 psig Three-Way (two (2) hose nozzles and one (1) pump nozzle) Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel and Shoe/Valve Assembly (Please see Attachment F). Hydrant Assemblies shall each be a minimum of three feet (3'-0") deep and a maximum of three foot six inches (3'-06") deep).
2. Mount the newly installed hydrant assembly on its own adequately sized thrust block installed a nominal depth of three feet (3'-0") and a maximum depth of three feet – six inches (3'-6") below grade. (Please see Attachment F).
3. Connect newly installed dry barrel hydrant assembly to the existing six-inch (or greater) diameter ($\geq 6''$ dia.) lateral lines (See Attachment B) by installing the necessary sections (in length) of six inch diameter (6" dia.) Schedule 40/80 SRP-PVC/Polyethylene (C900 / DR-188 /DR-9 or Equivalent HDPE) High Pressure Certified Piping, Elbow and/or Union Joints (30°, 45°, and/or 180°) Fittings, and straight or reducing (for those instances where the water supply piping is larger than six inches in diameter ($\geq 6''$ dia.)) Adaptive Connective Fittings to allow the new lateral pipe run from the newly installed Shoe/Valve Assembly to the existing Hydrant Connection/Isolation Valve to be run at a nominal depth of three feet (3'- 0") to a maximum depth of three foot six inches (3'-6") (utilizing (where required) Elbow and/or Union Joints (30°, 45°, and/or 180°) Fittings, and straight or reducing Adaptive Connective Fittings) from the newly installed hydrant assemblies to the existing six inch diameter (6" dia.) water distribution piping system(s) in order to ensure connectivity between the newly installed dry barrel assemblies and the existing water piping systems (Please see Attachments F and H).

4. Where thrust block(s) have been selectively demolished and removed, replace thrust blocks for hydrant shoe/valve with ASTM C150 3,000 psi 28 day compressive strength (min.) thrust blocks of adequately size for 90° Elbow section that is six inches diameter (6" dia.). For Hydrants 27, 28, 29, 30, 31, 32, 25, 36, and 39's assembly, install the replacement four-inch diameter (4" dia.) protective bollards each painted with a corrosion and weather resistant paint that is either red or yellow in color and that are up to six feet (6'-0") in length fabricated from ASTM A74 or A53 schedule 20 black cast iron or black steel pipe that have each been filled with ASTM C150 3,000 psi compressive strength concrete and sunk up to three feet (3'-0") deep into the ground in a pattern matching the existing protective bollards that are to be removed and disposed of by the contractor.

5. For Hydrant 43, install the replacement four-inch diameter (4" dia.) protective bollards each painted with a corrosion and weather resistant paint that is either red or yellow in color and that are up to six feet (6'-0") in length fabricated from ASTM A74 or A53 schedule 20 black cast iron or black steel pipe that have each been filled with ASTM C150 3,000 psi compressive strength concrete and sunk up to three feet (3'-0") deep into the ground in a pattern matching the existing protective bollards that are to be removed and disposed of by the contractor.

13.10.3 (Operationally Test all Hydrants (27, 28, 29, 30, 31, 32, 35, 36, 39 and 43):

1. Operationally test each of the ten (10) the newly installed Mueller Super Centurion A423 type (or direct and acceptable equivalent) Dry Barrel 5-1/4" Main Valve, 250 psig Three-Way (two (2) hose nozzles and one (1) pump nozzle) Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel and Shoe/Valve Assembly mounted on an adequately sized thrust block installed a nominal depth of three feet (3'-0") and a maximum depth of three feet – six inches (3'-6") below grade as well as the inter-connections between the newly installed dry barrel hydrant assemblies and the existing water piping systems to ensure connectivity, leak tight integrity and adequate flow and pressure at each hydrant assembly.

13.11 Site Restoration:

1. After having completed the hydrant installation(s), the water line re-connection(s), and the operational testing for each of the ten (10) newly installed hydrant assemblies, restore the isolated sections of the existing water supply piping providing water to each of the ten (10) hydrants to normal operation to put the hydrant back into service.

2. Upon completion of the installations of the ten (10) new fire hydrant assemblies, contractor shall restore the disturbed work sites' surrounding ground/concrete area(s) to at least their original condition(s).

13.12 Specific Submittals: (Equipment/Work Related)

Contractor shall provide the following submittals for approval:

1. Work / Safety Plan for all work.
2. Material Lists/Specifications for the ten (10) Mueller Super Centurion A423 type (or direct and acceptable equivalent) Dry Barrel 5-1/4" Main Valve, 250 psig Three-Way (two (2) hose nozzles and one (1) pump nozzle) Hydrant Assemblies each complete with six-inch diameter (6" dia.) Hydrant Extension Barrel and Shoe/Valve Assembly to be utilized. Hydrants shall each be equipped with a five inch (5") Stroz Pumper Nozzle Connection (i.e. "International Connection") having the attachment with "five-inch threads" to facilitate ease of connection of hydrant with both NASCC Fire Department and City of Corpus Christi Fire Department personnel and equipment.
3. Material Lists/Specifications for the six inch diameter (6" dia.) Schedule 40/80 SRP-PVC / Polyethylene (C900 / DR-188 / DR-9 or HDPE Equivalent) High Pressure Certified Piping Sections, Elbow and/or Union Joint (30°, 45°, and/or 180°) Fittings, and straight or reducing (for those instances where the water supply piping is larger than six inches in diameter (>6" dia.)) Adaptive Connective Fittings Sketch(s) detailing all installations.
4. Material Lists/Specifications for the ASTM C150 3,000 psi 28 day compressive strength concrete with the necessary ASTM A615 Gr. 60 alloy steel rebar
5. Material Lists/Specifications for the six feet (6'-0") long protective bollards coated with a corrosion and weather resistant high visibility yellow or red paint that have been fabricated from ASTM A74 or ASTM A53 schedule 20 black cast iron or black steel pipe and filled with ASTM C150 3,000 psi compressive strength concrete.

13.13 Specific Submittals: (Documentation)

QA INSPECTIONS AND ANY LEAK TEST RESULTS MATERIAL LISTS/SPECIFICATIONS FOR THE:

A. MUELLER SUPER CENTURION A423 TYPE (OR DIRECT AND ACCEPTABLE EQUIVALENT) DRY BARREL 5-1/4" MAIN VALVE, 250 PSIG THREE-WAY (TWO (2) HOSE NOZZLES AND ONE (1) 5" PUMPER NOZZLE) HYDRANT ASSEMBLIES EACH COMPLETE WITH SIX-INCH DIAMETER (6" DIA.) HYDRANT EXTENSION BARREL AND SHOE/VALVE ASSEMBLY. HYDRANTS SHALL EACH BE EQUIPPED WITH A FIVE INCH (5") STROZ PUMPER NOZZLE CONNECTION.

B. SIX INCH DIAMETER (6" DIA.) SCHEDULE 40/80 SRP-PVC / POLYETHYLENE (C900 / DR-188 /DR-9 OR EQUIVALENT HDPE) HIGH PRESSURE CERTIFIED PIPING SECITNOS, ELBOWS AND/OR UNION JOINTS (30°, 45°, AND/OR 180°) AND/OR FITTINGS, AND STRAIGHT OR REDUCING (FOR THOSE INSTANCES WHERE THE WATER SUPPLY PIPING IS GREATER THAN OR EQUAL TO SIX INCHES IN DIAMETER (\geq 6" DIA.)) ADAPTIVE CONNECTIVE FITTINGS SKETCH(S) DETAILING ALL INSTALLATIONS.

C. MATERIAL LISTS/SPECIFICATIONS FOR THE ASTM C150 3,000 PSI 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH THE NECESSARY ASTM A615 GR. 60 ALLOY STEEL REBAR.

D. THE SIX FEET (6'-0") LONG PROTECTIVE BOLLARDS COATED WITH A CORROSION AND WEATHER RESISTANT HIGH VISIBILITY YELLOW OR RED PAINT THAT HAVE BEEN FABRICATED FROM ASTM A74 OR ASTM A53 SCHEDULE 20 CAST BLACK IRON OR BLACK STEEL PIPE AND FILLED WITH ASTM C150 3,000 PSI COMPRESSIVE STRENGTH CONCRETE.

E. AS-BUILT/FINAL DRAWINGS AND MANUFACTURE'S DRAWINGS

14. PRODUCTS: Products shall be new, manufacturer's standard products, and commonly available from manufacturer's stock.

15. TERMS OF PAYMENT: A lump sum payment will be made by the Government following completion, inspection, and acceptance of all work specified, unless the Contractor requests partial payment(s) not to exceed thirty day intervals. Eligibility for partial payments will be determined by the Contracting Officer on a case by case basis. Under no circumstances will payment be made more than once in thirty days.

16. ORAL MODIFICATIONS: No oral statement of any person other than the Contracting Officer or his/her representative, as provided in the contract clause entitled "Changes" shall in any manner or degree modify or otherwise affect the terms of this contract.

17. CLEANUP: The premises shall be kept free at all times from the accumulation of waste material and/or rubbish resulting from the work. Combustibles shall be removed daily, and upon completion of the work, all debris, tools, and other surplus materials shall be removed and the premises left in approved condition.

18. ENVIRONMENTAL REQUIREMENTS: Take no action or inaction that exposes the Government to liability for non-compliance or other findings or damages, penalties or fines related thereto. In the event a regulatory agency assesses either a monetary or non-monetary fine or penalty for Contractor's noncompliance, the Contractor shall reimburse the Government for all associated cost. Remove all hazardous material and waste upon completion of the contract. Abandoned waste shall be managed as "unknown waste", and the contractor shall bear the cost of any analytical, disposal, or other costs incurred.

18. 1 Regulated Waste: Regulated waste is defined as (1) hazardous waste as defined in EPA Regulations 40 CFR 261, (2) universal waste as defined in EPA Regulations 40 CFR 273, and (3) Class 1 industrial waste as defined in Texas Commission on Environmental Quality Regulations 30 Texas Administrative Code Parts 335 and

503. Manage all regulated waste and used oil in accordance with applicable federal, state, and local regulations, Navy and NASCC policies and instructions. All regulated waste shall be manifested through PWD Corpus Christi Environmental Division.

18.1.1 Storage: Before generating regulated waste obtain approval for storage from the Environmental Division. Application for approval shall include including location and type of storage (i.e. Satellite Accumulation Point or <90-day Storage Area). Contractor shall provide immediate access to PWD Corpus Christi Environmental Division to inspection any locked units. Contractor shall inspect their regulated waste storage areas and provide weekly inspection reports to the Government POC.

18.1.2 Waste Disposal Services: PWD Corpus Christi Hazardous Waste Commodity Branch (HWCB) provides comprehensive regulated waste disposal services. If the contractor chooses to dispose of regulated waste through the HWCB, contractor shall establish a line of credit with the HWCB and provide required waste stream information before generating any waste. If contractor chooses not to dispose of regulated waste through the HWCB, the contractor shall provide funding to the HWCB for manifesting services. For FY 15 the rate is \$68 per manifest. The contact phone number for the HWCB is 361-961-3760. Contractor shall contact the HWCB before make any arrangements to remove regulated waste from the installation.

18.2 Solid Waste Disposal: All waste not covered under paragraph 18.1 must be tracked by NASCC whether directly disposed in a landfill or recycled. Contractor shall recycle waste to the greatest extent feasible. The solid waste tracking form is included in Attachment B. Contractor shall provide the filled out form to the Government POC at the close of the project.

18.3 Environmental Assessment Compliance Training and Tracking System (ECATTS): The project superintendent and project quality control manager shall complete ECATTS training prior to starting work.

- ECATTS is available 24/7 on the Internet. Contractors who perform work on more than one contract for the same installation or within the same state will not have to take the training each time they start a new project. Contractors will carry forward all applicable credits received for taking ECATTS to future contracts.

ECATTS is available at: <http://navfac.ecatts.com>

Registration Password = navfac (case sensitive)

Sample registration instructions that can be provided to users are available from ECATTS Customer Support.

18.4 Storm Water Containment: Block solids in storm water runoff to all nearby storm sewers with silt screen. Secure all loose dirt by using temporary berm to avoid discharge to storm inlet. Storm water best management practices must be implemented in accordance with station's storm water management plan. PWD Corpus Christi Environmental Division POC is Mr. Dilip Shaw at 961-5365 or Mr. Ross Ybarra at 961- 2170.

19. PMI INVENTORY CARD: Contractor shall provide a completed PMI Equipment Inventory Card included as Attachment C for each piece of dynamic equipment containing a serial number. This requirement is in addition to any other operation and maintenance information required in the Submittals paragraph.

20. ACCEPTANCE: The work shall be accepted as a result of a final test and inspection conducted by a representative of the Facility Engineering and Acquisition Division, Public Works Department Corpus Christi. Specifically, the work shall consist of the following test startup that shall be accomplished by approved manufacturer's factory personnel or their authorized representative:

- a. A successful Functional Flow, Working Pressure & Integrity Leak Test and the accompanying documentation/reports for each of the ten (10) newly installed fire hydrant assemblies as well as the connective

joints and members between the fire hydrant assemblies and the existing water distribution piping serving each hydrant.

b. The Installation will be accepted only after demonstrating no leakage for a period of no less than 12 hours at the project site(s) as shown on the attached drawing.

c. A successful demonstration of the NASCC Fire Department's ability to fully utilize and operate each hydrant assembly with existing equipment.

d. Final inspection will be witnessed by a representative of the Facility Engineer and Acquisition Division, Public Works Department, Corpus Christi.

The work shall be accepted as a result of successful operational testing and a final inspection of the complete hydrant installation for each of the ten (10) hydrants witnessed by a representative of the Facility Engineer and Acquisition Division, Public Works Department, Corpus Christi, Texas.

21. WARRANTY: All component parts and equipment shall be furnished with a standard warranty for quality of workmanship for two years.

**** END ****

Section 00010 - Solicitation Contract Form

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	REPLACE FIRE HYDRANTS FFP REMOVE AND REPLACE 10 FIRE HYDRANTS AT NAS CORPUS CHRISTI, TX. PERIOD OF PERFORMANCE WILL BE A TOTAL OF 110 CALENDAR DAYS INCLUDING DESIGN, DESIGN APPROVAL, AND CONSTRUCTION. FOB: Destination PURCHASE REQUEST NUMBER: ACQR3920247	1	Job		
NET AMT					

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	11-DEC-2015	1	PWD CORPUS CHRISTI INSPECTOR OF RECORD 8851 OCEAN DR, BLDG. 19 CORPUS CHRISTI TX 78419-5525 361-961-3397 FOB: Destination	N44215

Section 00100 - Bidding Schedule/Instructions to Bidders

CLAUSES INCORPORATED BY FULL TEXT

52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)

(a) Definitions. As used in this provision--

“Discussions” are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

“In writing or written” means any worded or numbered expression which can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

“Proposal modification” is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

“Proposal revision” is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

“Time”, if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals. (1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show--

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, or revision, of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications, or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and--

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall--

(1) Mark the title page with the following legend: This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed--in whole or in part--for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of--or in connection with-- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend: Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award. (1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

- (i) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.
- (ii) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.
- (iii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.
- (iv) A summary of the rationale for award.
- (v) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.
- (vi) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of provision)

Section 00600 - Representations & Certifications

CLAUSES INCORPORATED BY REFERENCE

52.204-10 Reporting Executive Compensation and First-Tier JUL 2013
 Subcontract Awards

CLAUSES INCORPORATED BY FULL TEXT

52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 237110.

(2) The small business size standard is \$36.5M.

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

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

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

() Paragraph (d) applies.

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

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

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

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

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

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

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

- (iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.
- (iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—
- (A) Are not set aside for small business concerns;
 - (B) Exceed the simplified acquisition threshold; and
 - (C) Are for contracts that will be performed in the United States or its outlying areas.
- (v) 52.209-2; Prohibition on Contracting with Inverted Domestic Corporations--Representation.
- (vi) 52.209-5; Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
- (vii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.
- (viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
- (ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.
- (A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.
 - (B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.
- (x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.
- (xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
- (xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.
- (xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.
- (xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.
- (xvi) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

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

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

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

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

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

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

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

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

(xxi) 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 certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

(i) 52.204-17, Ownership or Control of Offeror.

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

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

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

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

(vi) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

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

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change
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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)

Section 00700 - Contract Clauses

52.222-99 MINIMUM WAGE

52.222-99, Establishing a Minimum Wage for Contractors. (DEVIATION)

The contracting officer shall insert the following clause in solicitations and resultant contracts that include the FAR clause 52.222-6 and/or 52.222-41, and work is to be performed in whole or in part in the United States (the 50 States and the District of Columbia).

**ESTABLISHING A MINIMUM WAGE FOR CONTRACTORS
(DEVIATION 2014-O0017) (JUNE 2014)**

This clause implements Executive Order 13658, Establishing a Minimum Wage for Contractors, dated February 12, 2014, and OMB Policy Memorandum M-14-09, dated June 12, 2014.

(a) Each service employee, laborer, or mechanic employed in the United States (the 50 States and the District of Columbia) in the performance of this contract by the prime Contractor or any subcontractor, regardless of any contractual relationship which may be alleged to exist between the Contractor and service employee, laborer, or mechanic, shall be paid not less than the applicable minimum wage under Executive Order 13658. The minimum wage required to be paid to each service employee, laborer, or mechanic performing work on this contract between January 1, 2015, and December 31, 2015, shall be \$10.10 per hour.

(b) The Contractor shall adjust the minimum wage paid under this contract each time the Secretary of Labor's annual determination of the applicable minimum wage under section 2(a)(ii) of Executive Order 13658 results in a higher minimum wage. Adjustments to the Executive Order minimum wage under section 2(a)(ii) of Executive Order 13658 will be effective for all service employees, laborers, or mechanics subject to the Executive Order beginning January 1 of the following year. The Secretary of Labor will publish annual determinations in the Federal Register no later than 90 days before such new wage is to take effect. The Secretary will also publish the applicable minimum wage on www.wdol.gov (or any successor website). The applicable published minimum wage is incorporated by reference into this contract.

(c) The Contracting Officer will adjust the contract price or contract unit price under this clause only for the increase in labor costs resulting from the annual inflation increases in the Executive Order 13658 minimum wage beginning on January 1, 2016. The Contracting Officer shall consider documentation as to the specific costs and workers impacted in determining the amount of the adjustment.

(d) The Contractor Officer will not adjust the contract price under this clause for any costs other than those identified in paragraph (c) of this clause, and will not provide price adjustments under this clause that result in duplicate price adjustments with the respective clause of this contract implementing the Service Contract Labor Standards statute (formerly known as the Service Contract Act) or the Wage Rate Requirements (Construction) statute (formerly known as the Davis Bacon Act).

(e) The Contractor shall include the substance of this clause, including this paragraph (e) in all subcontracts.

(End of clause)

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	NOV 2013
52.204-7	System for Award Management	JUL 2013
52.204-13	System for Award Management Maintenance	JUL 2013
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	AUG 2013
52.211-15	Defense Priority And Allocation Requirements	APR 2008
52.213-4	Terms and Conditions--Simplified Acquisitions (Other Than Commercial Items)	MAY 2015
52.219-6	Notice Of Total Small Business Set-Aside	NOV 2011
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-3	Convict Labor	JUN 2003
52.222-5	Construction Wage Rate Requirements--Secondary Site of the Work	MAY 2014
52.222-6	Construction Wage Rate Requirements	MAY 2014
52.222-7	Withholding of Funds	MAY 2014
52.222-8	Payrolls and Basic Records	MAY 2014
52.222-9	Apprentices and Trainees	JUL 2005
52.222-10	Compliance with Copeland Act Requirements	FEB 1988
52.222-11	Subcontracts (Labor Standards)	MAY 2014
52.222-12	Contract Termination-Debarment	MAY 2014
52.222-13	Compliance With Construction Wage Rate Requirements and Related Regulations	MAY 2014
52.222-14	Disputes Concerning Labor Standards	FEB 1988
52.222-15	Certification of Eligibility	MAY 2014
52.222-21	Prohibition Of Segregated Facilities	APR 2015
52.222-26	Equal Opportunity	APR 2015
52.222-27	Affirmative Action Compliance Requirements for Construction	APR 2015
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.223-5	Pollution Prevention and Right-to-Know Information	MAY 2011

52.223-6	Drug-Free Workplace	MAY 2001
52.223-9	Estimate of Percentage of Recovered Material Content for EPA-Designated Items	MAY 2008
52.223-12	Refrigeration Equipment and Air Conditioners	MAY 1995
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.227-4	Patent Indemnity-Construction Contracts	DEC 2007
52.228-2	Additional Bond Security	OCT 1997
52.228-5	Insurance - Work On A Government Installation	JAN 1997
52.228-11	Pledges Of Assets	JAN 2012
52.228-12	Prospective Subcontractor Requests for Bonds	MAY 2014
52.228-14	Irrevocable Letter of Credit	NOV 2014
52.228-15	Performance and Payment Bonds--Construction	OCT 2010
52.229-3	Federal, State And Local Taxes	FEB 2013
52.229-4	Federal, State, And Local Taxes (State and Local Adjustments)	FEB 2013
52.232-5	Payments under Fixed-Price Construction Contracts	MAY 2014
52.232-16	Progress Payments	APR 2012
52.232-23 Alt I	Assignment of Claims (May 2014) - Alternate I	APR 1984
52.232-27	Prompt Payment for Construction Contracts	MAY 2014
52.232-33	Payment by Electronic Funds Transfer--System for Award Management	JUL 2013
52.232-36	Payment by Third Party	MAY 2014
52.232-39	Unenforceability of Unauthorized Obligations	JUN 2013
52.232-40	Providing Accelerated Payments to Small Business Subcontractors	DEC 2013
52.233-1 Alt I	Disputes (May 2014) - Alternate I	DEC 1991
52.233-3	Protest After Award	AUG 1996
52.233-4	Applicable Law for Breach of Contract Claim	OCT 2004
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
52.236-17	Layout of Work	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
52.243-5	Changes and Changed Conditions	APR 1984
52.246-12	Inspection of Construction	AUG 1996
52.246-21	Warranty of Construction	MAR 1994
52.249-2 Alt I	Termination for Convenience of the Government (Fixed-Price) (Apr 2012) - Alternate I	SEP 1996
52.249-10	Default (Fixed-Price Construction)	APR 1984
52.253-1	Computer Generated Forms	JAN 1991

252.201-7000	Contracting Officer's Representative	DEC 1991
252.204-7003	Control Of Government Personnel Work Product	APR 1992
252.204-7006	Billing Instructions	OCT 2005
252.215-7003	Requirement for Submission of Data Other Than Certified Cost or Pricing Data--Canadian Commercial Corporation.	JUL 2012
252.223-7006	Prohibition On Storage, Treatment, and Disposal of Toxic or Hazardous Materials	SEP 2014
252.225-7048	Export-Controlled Items	JUN 2013
252.227-7033	Rights in Shop Drawings	APR 1966
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	JUN 2012
252.232-7010	Levies on Contract Payments	DEC 2006
252.236-7000	Modification Proposals-Price Breakdown	DEC 1991
252.236-7005	Airfield Safety Precautions	DEC 1991
252.243-7001	Pricing Of Contract Modifications	DEC 1991
252.244-7000	Subcontracts for Commercial Items	JUN 2013
252.247-7023	Transportation of Supplies by Sea	APR 2014

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

(End of clause)

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52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEP 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, the Contractor shall pay liquidated damages to the Government in the amount of ***SEE TABLE*** for each calendar day of delay until the work is completed or accepted.

Project Cost	Liquidated Damages Per Calendar Day
\$ 2,000 - 25,000	\$ 80
25,000 - 50,000	110
50,000 - 100,000	140
100,000 - 500,000	200
Each additional \$100,000 - add \$50	

(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 Termination clause.

(End of clause)

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52.211-13 TIME EXTENSIONS (SEP 2000)

Time extensions for contract changes will depend upon the extent, if any, by which the changes cause delay in the completion of the various elements of construction. The change order granting the time extension may provide that the contract completion date will be extended only for those specific elements related to the changed work and that the remaining contract completion dates for all other portions of the work will not be altered. The change order also may provide an equitable readjustment of liquidated damages under the new completion schedule.

(End of clause)

CLAUSES INCORPORATED BY FULL TEXT

52.211-14 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE, EMERGENCY PREPAREDNESS, AND ENERGY PROGRAM USE (APR 2008)

Any contract awarded as a result of this solicitation will be **DO-C2** rated order certified for national defense, emergency preparedness, and energy program use under the Defense Priorities and Allocations System (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation.

(End of provision)

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a **FIRM FIXED-PRICE** contract resulting from this solicitation.

(End of provision)

52.219-14 LIMITATIONS ON SUBCONTRACTING (NOV 2011)

(a) This clause does not apply to the unrestricted portion of a partial set-aside.

(b) Applicability. This clause applies only to--

(1) Contracts that have been set aside or reserved for small business concerns or 8(a) concerns;

(2) Part or parts of a multiple-award contract that have been set aside for small business concerns or 8(a) concerns;
and

(3) Orders set aside for small business or 8(a) concerns under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F).

(c) By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for--

(1) Services (except construction). At least 50 percent of the cost of contract performance incurred for personnel shall be expended for employees of the concern.

(2) Supplies (other than procurement from a nonmanufacturer of such supplies). The concern shall perform work for at least 50 percent of the cost of manufacturing the supplies, not including the cost of materials.

(3) General construction. The concern will perform at least 15 percent of the cost of the contract, not including the cost of materials, with its own employees.

(4) Construction by special trade contractors. The concern will perform at least 25 percent of the cost of the contract, not including the cost of materials, with its own employees.

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JULY 2013)

(a) Definitions. As used in this clause--

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts--

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it () is, () is not a small business concern under NAICS Code - assigned to contract number .

(Contractor to sign and date and insert authorized signer's name and title).

(End of clause)

52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for minority participation for each trade	Goals for female participation for each trade
44.2%	6.9%

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the --

- (1) Name, address, and telephone number of the subcontractor;
- (2) Employer's identification number of the subcontractor;
- (3) Estimated dollar amount of the subcontract;
- (4) Estimated starting and completion dates of the subcontract; and
- (5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is **Nueces County, TX**

(End of provision)

52.222-40 NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)

(a) During the term of this contract, the Contractor shall post an employee notice, of such size and in such form, and containing such content as prescribed by the Secretary of Labor, in conspicuous places in and about its plants and offices where employees covered by the National Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically, in the languages employees speak, in accordance with 29 CFR 471.2(d) and (f).

(1) Physical posting of the employee notice shall be in conspicuous places in and about the Contractor's plants and offices so that the notice is prominent and readily seen by employees who are covered by the National Labor Relations Act and engage in activities related to the performance of the contract.

(2) If the Contractor customarily posts notices to employees electronically, then the Contractor shall also post the required notice electronically by displaying prominently, on any Web site that is maintained by the Contractor and is customarily used for notices to employees about terms and conditions of employment, a link to the Department of Labor's Web site that contains the full text of the poster. The link to the Department's Web site, as referenced in (b)(3) of this section, must read, "Important Notice about Employee Rights to Organize and Bargain Collectively with Their Employers."

(b) This required employee notice, printed by the Department of Labor, may be--

(1) Obtained from the Division of Interpretations and Standards, Office of Labor-Management Standards, U.S. Department of Labor, 200 Constitution Avenue, NW., Room N-5609, Washington, DC 20210, (202) 693-0123, or from any field office of the Office of Labor-Management Standards or Office of Federal Contract Compliance Programs;

(2) Provided by the Federal contracting agency if requested;

(3) Downloaded from the Office of Labor-Management Standards Web site at <http://www.dol.gov/olms/regs/compliance/EO13496.htm>; or

(4) Reproduced and used as exact duplicate copies of the Department of Labor's official poster.

(c) The required text of the employee notice referred to in this clause is located at Appendix A, Subpart A, 29 CFR Part 471.

(d) The Contractor shall comply with all provisions of the employee notice and related rules, regulations, and orders of the Secretary of Labor.

(e) In the event that the Contractor does not comply with the requirements set forth in paragraphs (a) through (d) of this clause, this contract may be terminated or suspended in whole or in part, and the Contractor may be suspended or debarred in accordance with 29 CFR 471.14 and subpart 9.4. Such other sanctions or remedies may be imposed as are provided by 29 CFR part 471, which implements Executive Order 13496 or as otherwise provided by law.

(f) Subcontracts. (1) The Contractor shall include the substance of this clause, including this paragraph (f), in every subcontract that exceeds \$10,000 and will be performed wholly or partially in the United States, unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009, so that such provisions will be binding upon each subcontractor.

(2) The Contractor shall not procure supplies or services in a way designed to avoid the applicability of Executive Order 13496 or this clause.

(3) The Contractor shall take such action with respect to any such subcontract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance.

(4) However, if the Contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States, through the Secretary of Labor, to enter into such litigation to protect the interests of the United States.

(End of clause)

52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (AUG 2013)

(a) Definitions. As used in this clause--Commercially available off-the-shelf (COTS) item--

(1) Means any item of supply that is--

(i) A commercial item (as defined in paragraph (1) of the definition at 2.101);

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products. Per 46 CFR 525.1(c)(2), "bulk cargo" means cargo that is loaded and carried in bulk onboard ship without mark or count, in a loose unpackaged form, having homogenous characteristics. Bulk cargo loaded into intermodal equipment, except LASH or Seabee barges, is subject to mark and count and, therefore, ceases to be bulk cargo.

Employee assigned to the contract means an employee who was hired after November 6, 1986 (after November 27, 2009, in the Commonwealth of the Northern Mariana Islands), who is directly performing work, in the United States, under a contract that is required to include the clause prescribed at 22.1803. An employee is not considered to be directly performing work under a contract if the employee--

(1) Normally performs support work, such as indirect or overhead functions; and

(2) Does not perform any substantial duties applicable to the contract.

Subcontract means any contract, as defined in 2.101, entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.

Subcontractor means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for a prime Contractor or another subcontractor.

United States, as defined in 8 U.S.C. 1101(a)(38), means the 50 States, the District of Columbia, Puerto Rico, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands.

(b) Enrollment and verification requirements.

(1) If the Contractor is not enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall--

(i) Enroll. Enroll as a Federal Contractor in the E-Verify program within 30 calendar days of contract award;

(ii) Verify all new employees. Within 90 calendar days of enrollment in the E-Verify program, begin to use E-Verify to initiate verification of employment eligibility of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); and

(iii) Verify employees assigned to the contract. For each employee assigned to the contract, initiate verification within 90 calendar days after date of enrollment or within 30 calendar days of the employee's assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(2) If the Contractor is enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall use E-Verify to initiate verification of employment eligibility of--

(i) All new employees. (A) Enrolled 90 calendar days or more. The Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(B) Enrolled less than 90 calendar days. Within 90 calendar days after enrollment as a Federal Contractor in E-Verify, the Contractor shall initiate verification of all new hires of the Contractor, who are working in the United

States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(ii) Employees assigned to the contract. For each employee assigned to the contract, the Contractor shall initiate verification within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(3) If the Contractor is an institution of higher education (as defined at 20 U.S.C. 1001(a)); a State or local government or the government of a Federally recognized Indian tribe; or a surety performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond, the Contractor may choose to verify only employees assigned to the contract, whether existing employees or new hires. The Contractor shall follow the applicable verification requirements at (b)(1) or (b)(2), respectively, except that any requirement for verification of new employees applies only to new employees assigned to the contract.

(4) Option to verify employment eligibility of all employees. The Contractor may elect to verify all existing employees hired after November 6, 1986 (after November 27, 2009, in the Commonwealth of the Northern Mariana Islands), rather than just those employees assigned to the contract. The Contractor shall initiate verification for each existing employee working in the United States who was hired after November 6, 1986 (after November 27, 2009, in the Commonwealth of the Northern Mariana Islands), within 180 calendar days of--

(i) Enrollment in the E-Verify program; or

(ii) Notification to E-Verify Operations of the Contractor's decision to exercise this option, using the contact information provided in the E-Verify program Memorandum of Understanding (MOU).

(5) The Contractor shall comply, for the period of performance of this contract, with the requirements of the E-Verify program MOU.

(i) The Department of Homeland Security (DHS) or the Social Security Administration (SSA) may terminate the Contractor's MOU and deny access to the E-Verify system in accordance with the terms of the MOU. In such case, the Contractor will be referred to a suspension or debarment official.

(ii) During the period between termination of the MOU and a decision by the suspension or debarment official whether to suspend or debar, the Contractor is excused from its obligations under paragraph (b) of this clause. If the suspension or debarment official determines not to suspend or debar the Contractor, then the Contractor must reenroll in E-Verify.

(c) Web site. Information on registration for and use of the E-Verify program can be obtained via the Internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify>.

(d) Individuals previously verified. The Contractor is not required by this clause to perform additional employment verification using E-Verify for any employee--

(1) Whose employment eligibility was previously verified by the Contractor through the E-Verify program;

(2) Who has been granted and holds an active U.S. Government security clearance for access to confidential, secret, or top secret information in accordance with the National Industrial Security Program Operating Manual; or

(3) Who has undergone a completed background investigation and been issued credentials pursuant to Homeland Security Presidential Directive (HSPD)-12, Policy for a Common Identification Standard for Federal Employees and Contractors.

(e) Subcontracts. The Contractor shall include the requirements of this clause, including this paragraph (e) (appropriately modified for identification of the parties), in each subcontract that--

(1) Is for--(i) Commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications), performed by the COTS provider, and are normally provided for that COTS item); or

(ii) Construction;

(2) Has a value of more than \$3,000; and

(3) Includes work performed in the United States.

(End of clause)

52.225-9 BUY AMERICAN—CONSTRUCTION MATERIALS (MAY 2014)

(a) Definitions. As used in this clause--

Commercially available off-the-shelf (COTS) item—

(1) Means any item of supply (including construction material) that is--

(i) A commercial item (as defined in paragraph (1) of the definition at FAR 2.101);

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4) such as agricultural products and petroleum products.

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or a subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

Domestic construction material means--

- (1) An unmanufactured construction material mined or produced in the United States;
- (2) A construction material manufactured in the United States, if--
 - (i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic; or
 - (ii) The construction material is a COTS item.

Foreign construction material means a construction material other than a domestic construction material.

United States means the 50 States, the District of Columbia, and outlying areas.

(b) Domestic preference.

(1) This clause implements 41 U.S.C. chapter 83, Buy American, by providing a preference for domestic construction material. In accordance with 41 U.S.C. 1907, the component test of the Buy American statute is waived for construction material that is a COTS item. (See FAR 12.505(a)(2)). The Contractor shall use only domestic construction material in performing this contract, except as provided in paragraphs (b)(2) and (b)(3) of this clause.

(2) This requirement does not apply to information technology that is a commercial item or to the construction materials or components listed by the Government as follows:

(3) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(2) of this clause if the Government determines that

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the requirements of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American Act. (1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(3) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(3)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction material description	Unit of measure	Quantity	Price (dollars) \1\

Item 1			
Foreign construction material....
Domestic construction material...
Item 2			
Foreign construction material....
Domestic construction material...

Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).

List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.

Include other applicable supporting information.

(End of clause)

(a) Definitions. “Commercially available off-the-shelf (COTS) item,” “construction material,” “domestic construction material,” and “foreign construction material,” as used in this provision, are defined in the clause of this solicitation entitled “Buy American --Construction Materials” (Federal Acquisition Regulation (FAR) clause 52.225-9).

(b) Requests for determinations of inapplicability. An offeror requesting a determination regarding the inapplicability of the Buy American statute should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of the clause at FAR 52.225-9 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American statute before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers. (1) The Government will evaluate an offer requesting exception to the requirements of the Buy American statute, based on claimed unreasonable cost of domestic construction material, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(3)(i) of the clause at FAR 52.225-9.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers.

(1) When an offer includes foreign construction material not listed by the Government in this solicitation in paragraph (b)(2) of the clause at FAR 52.225-9, the offeror also may submit an alternate offer based on use of equivalent domestic construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of the clause at FAR 52.225-9 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of the clause at FAR 52.225-9 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic construction material, and the offeror shall be required to furnish such domestic construction material. An offer based on use of the foreign construction material for which an exception was requested--

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.

(End of provision)

52.228-13 ALTERNATIVE PAYMENT PROTECTIONS (JULY 2000)

(a) The Contractor shall submit one of the following payment protections:

PAYMENT BOND OR IRREVOCABLE LETTER OF CREDIT

(b) The amount of the payment protection shall be 100 percent of the contract price.

- (c) The submission of the payment protection is required within 15 days of contract award.
- (d) The payment protection shall provide protection for the full contract performance period plus a one-year period.
- (e) Except for escrow agreements and payment bonds, which provide their own protection procedures, the Contracting Officer is authorized to access funds under the payment protection when it has been alleged in writing by a supplier of labor or material that a nonpayment has occurred, and to withhold such funds pending resolution by administrative or judicial proceedings or mutual agreement of the parties.
- (f) When a tripartite escrow agreement is used, the Contractor shall utilize only suppliers of labor and material that signed the escrow agreement.

(End of clause)

52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) – ALTERNATE I (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) An organized site visit has been scheduled for--
SEE PAGE 3 OF SOLICITATION

(End of provision)

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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):

FAR: <https://farsite.hill.af.mil>; <http://www.arnet.gov/far>;
DFARS: <http://www.acq.osd.mil/dpap/dars/index.html>
NMCARS: http://acquisition.navy.mil/policy_and_guidance/nmcars_nmcag
NFAS: <http://acq.navfac.navy.mil>

(End of clause)

FAC 5252.201-9300 CONTRACTING OFFICER AUTHORITY (JUN 1994)

In no event shall any understanding or agreement between the Contractor and any Government employee other than the Contracting Officer on any contract, modification, change order, letter or verbal direction to the Contractor be effective or binding upon the Government. All such actions must be formalized by a proper contractual document

executed by an appointed Contracting Officer. The Contractor is hereby put on notice that in the event a change in work to be performed or increases in the scope of the work to be performed, it is the Contractor's responsibility to make inquiry of the Contracting Officer before making the deviation. Payments will not be made without being authorized by an appointed Contracting Officer with the legal authority to bind the Government.

FAC 5252.209-9300 ORGANIZATIONAL CONFLICTS OF INTEREST (JUN 1994)

The restrictions described herein shall apply to the Contractor and its affiliates, consultants and subcontractors under this contract. If the Contractor under this contract prepares or assists in preparing a statement of work, specifications and plans, the Contractor and its affiliates shall be ineligible to bid or participate, in any capacity, in any contractual effort which is based on such statement of work or specifications and plans as a prime contractor, subcontractor, consultant or in any similar capacity. The Contractor shall not incorporate its products or services in such statement of work or specification unless so directed in writing by the Contracting Officer, in which case the restriction shall not apply. This contract shall include this clause in its subcontractors' or consultants' agreements concerning the performance of this contract.

5252.212-9300 Commercial Warranty.

COMMERCIAL WARRANTY (NOV 1998)

The Contractor agrees that the supplies or services furnished under this contract shall be covered by the most favorable commercial warranties the Contractor gives to any customer for such supplies or services and that the rights and remedies provided herein are in addition to and do not limit any rights afforded to the Government by any other clause of this contract.

FAC 5252.228-9300 INDIVIDUAL SURETY/SURETIES (JUN 1994)

As prescribed in FAR 28.203(a), individual sureties will be permitted. In order for the Contracting Officer to make a determination as to the acceptability of individuals proposed as sureties, as prescribed in FAR 28-203(b), all proposers who submit bonds which are executed by individual sureties are requested to furnish additional information in support of SF-28, Affidavit of Individual Surety, with the bonds. Pursuant to Instruction 3(b) of Standard Form 24, the Bond, Standard Form 25, the Performance Bond, and the Standard Form 25A, the Payment Bond, the Contracting Officer requests the following information:

(a) Equity Securities (Stock):

- (1) State the place(s) of incorporation and address of the principal place of business for each issuing corporation listed.
- (2) State whether the security issued was issued by public or private offering and give the place of registration of the security.
- (3) State whether the security is presently, actively traded.

(b) Debt Securities (Bonds) and Certificates of Deposit:

- (1) List the type of bonds held and their maturity dates.
- (2) State the name, address, and telephone number of the issuing agency, firm or individual.
- (3) State the complete address(es) where the bonds are held.

(4) State whether the bonds have been pledged as security or have otherwise been encumbered.

(c) Real Property Interests:

(1) Provide complete recording data for the conveyance of each parcel or interest listed to the individual proposed as surety.

(2) State whether the values listed are based upon personal evaluation or evaluation of an experienced real estate appraiser. If available, provide copies of written appraisals.

(3) State the method(s) of valuation upon which appraisal is based.

(4) Provide the assessed value of each property interest listed utilized by the appropriate tax assessor for purposes of property taxation.

(5) Provide the telephone number, including area code, for the tax assessor who performed the most recent tax assessment.

(6) State whether each real property interest listed is currently under lien or in any way encumbered and the dollar amount of each such lien or encumbrance.

(d) Persons Proposed as Individual Sureties:

(1) A current list of all other bonds (bid, performance, and payment) on which the individual is a surety and bonds for which the individual is requesting to be a surety.

(2) A statement as to the percent of completion of projects for which the individual is bound on a performance bond.

This information is necessary to enable the Contracting Officer to evaluate the sufficiency of the surety's net worth in a timely manner.

FAC 5252.228-9305 NOTICE OF BONDING REQUIREMENTS (DEC 2000)

(a) Within _____ days after receipt of award, the bidder/offeror to whom the award is made shall furnish the following bond(s) each with satisfactory security:

_____ A Performance Bond (Standard Form 25). The performance bond shall be in a penal sum equal to 100% percent of the contract price.

_____ A Payment Bond (Standard Form 25A). The payment bond shall be in a penal sum equal to 100% of the contract price.

(b) Any surety company holding a certificate of authority from the Secretary of Treasury as an acceptable Surety on Federal bonds will be accepted. Individual sureties will be permitted as prescribed in FAR 28.203 and FAC 5252.228-9300. Alternative types of security in lieu of furnishing sureties on performance and/or payment bonds will be permitted as prescribed in FAR 28.204, and will be held for at least one year after the completion of the contract. Additional bond security may be required as prescribed in FAR 52.228-2. Bonds shall be accompanied by a document authenticating the agent's authority to sign bonds for the surety company.

(c) The contract time for purposes of fixing the completion date, default, and liquidated damages shall begin to run _____ days from the date of award, regardless of when performance and payment bonds or deposits in lieu of surety are executed.

5252.232-9301 INVOICING PROCEDURES ELECTRONIC (NOV 2009)

(a) In accordance with DFARS Clause 252.232-7003 titled "Electronic Submission of Payment Requests", this contract/order requires use of the DoD Wide Area Workflow (WAWF) system for the submission of invoices. This web-based system, located at <https://wawf.eb.mil>, provides the technology for Government contractors and authorized Department of Defense (DoD) personnel to generate, capture and process receipt and payment-related documentation in a paperless environment. Invoices rendered under this contract shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices will no longer be accepted for payment.

(b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business Point of Contact (EBPOC), and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed.

Additional Vendor information is also available at http://acquisition.navy.mil/rda/home/acquisition_one_source/ebusiness/don_ebusiness_solutions/wawf_overview/vendor_information. Here you will find information on "Getting Started" as well as "Quick Reference Guides".

(c) Within ten (10) days after award, the designated CCR EBPOC is responsible for activating the company's CAGE code in WAWF by calling 1-866-618-5988 for the DISA WAWF Helpdesk, email address cscassig@csd.disa.mil. Once the company's CAGE code is activated, the CCR EBPOC must self-register under the company's CAGE code on WAWF and follow the instructions for a group administrator. After the company is set-up on WAWF, any additional persons responsible for submitting invoices must self-register under the company's CAGE code at <https://wawf.eb.mil>.

(d) The contractor shall use the following document type, DODAAC codes with corresponding extensions, and inspection and acceptance locations when submitting invoices in WAWF:

SEE WAWF CLAUSE

Note: Supporting documentation must be attached. File names cannot contain spaces or special characters, except underscore "_" which is an acceptable character. There is NO maximum to the number of files that can be attached to an invoice, however EACH file is limited to a maximum file size UNDER 2 megabytes.

(e) Before closing out of an invoice session in WAWF, but after submitting the document(s), you will be prompted to "Send More Email Notifications." Select "Send More Email Notification" and add additional email addresses noted above in the first email address blocks. This additional notification to the Government is important to ensure that the specific acceptor/receiver is aware the invoice documents have been submitted into WAWF.

(f) If you have any questions regarding WAWF, please contact the WAWF DFAS helpdesk at 877-251-WAWF (9293) or email address of CCL-EC-Navy-WAWF-helpdesk@dfas.mil, or the NAVFAC WAWF point of contact identified above in section (d). (End of clause)

FAC 5252.236-9301 SPECIAL WORKING CONDITIONS AND ENTRY TO WORK AREA(JUN 1994)

Denial of entry to the work areas under this contract may be required by the Government under certain circumstances where the Contractor's work or presence would constitute a safety or security hazard to ordnance storage or handling operations. Restrictions covering entry to and availability of the work areas are as follows:

a. Entry. Entry to work areas located within the special Security Limited areas, defined as those work areas located within the existing security fence, can be granted subject to special personnel requirements as specified herein and to other normal security and safety requirements. Complete denial of entry to the Limited Area may be required during brief periods of one to two hours (normally) and on rare occasions of two to four hours. For bidding purposes, the Contractor shall assume denial of entry to the work areas in the Limited Area of six 2-hour denials and one 4-hour denial per month.

b. Vehicle Delay. The Contractor shall also assume for bidding purposes that, in addition to site denial, each vehicle and/or unit of construction equipment will be delayed during each movement through the security gate, both entering and leaving the limited area. Delays will average _____.

Operational Considerations. To reduce delay time while preserving required security, the following points should be considered in operational planning:

a. Vehicle Search. Security regulations required that all vehicles, when authorized to enter the Limited Area be thoroughly searched by guard force personnel. Such a search will be required for all vehicle/ construction equipment. Accordingly, once a vehicle or unit of construction equipment has been cleared, it may be left in the Limited Area after initial entry has been made. For the period of time authorized the vehicle/equipment left in the Limited Area will be assigned parking areas by the Contracting Officer. The vehicle/equipment must be secured as specified in paragraph entitled "SECURITY REQUIREMENTS." The intent is to reduce the Contractor loss of time at the security gate. No private vehicles will be allowed to enter the Limited Area.

b. Delivery Vehicles. Vehicles delivering construction materials will be inspected by guard force personnel while the driver is being processed for entry into the Limited Area. The driver and vehicle will then be escorted in the Limited Area by a Security Escort. To provide this service, delivery schedules should be promulgated in advance and vendors made aware that a reasonable delay can be expected if delivery is other than the time specified. Deliveries after 1600 hours will not be allowed entry into the Limited Area without prior approval of the Physical Security Officer.

FAC 5252.236-9303 ACCIDENT PREVENTION (NOV 1998)

(a) The Contractor will maintain an accurate record of, and will report to the Contracting Officer in the manner and on the forms prescribed by the Contracting Officer, all accidents resulting in death, traumatic injury, occupational disease, and damage to property, materials, supplies and equipment incident to work performed under this contract.

(b) Compliance with the provisions of this article by subcontractors will be the responsibility of the Contractor.

(c) Prior to commencement of the work, the Contractor may be required to:

(1) submit in writing his proposals for effectuating provision for accident prevention;

(2) meet in conference with representatives of the Contracting Officer to discuss and develop mutual understandings relative to administration of the overall safety program.

FAC 5252.236-9305 AVAILABILITY OF UTILITIES (JUN 1994)

When available, the Government will furnish reasonable amounts of the following utilities for the work to be performed under this contract at no cost to the contractor. Information concerning the location of existing outlets may be secured from the OIC. The contractor shall provide and maintain, at his expense, the necessary service lines from existing Government outlets to the site of work.

Electric
Water
Compressed Air

Contractor Furnished Utilities. In the event that the Government is unable to provide the required types of utilities, the contractor shall, at his expense, arrange for the required utilities.

Contractor Energy Conservation. The contractor shall be directly responsible for instructing employees in utilities conservation practices. The contractor shall be responsible for operating under conditions which preclude the waste of utilities, which shall include:

- a. Lights shall be used only in areas where and at the time when work is actually being performed.
- b. Mechanical equipment controls for heating, ventilation and air conditioning systems will not be adjusted by the workers.
- c. Water faucets or valves shall be turned off after the required usage has been accomplished.

Telephone Lines. Telephone lines for the sole use of the contractor will not be available. Government telephones shall not be used for personal reasons.

Contractor Availability. The contractor shall maintain a telephone at which he or his representative may be reached 24 hours daily. The telephone shall be listed in the contractor's name. If the contractor does not have a local telephone, he shall maintain a toll free emergency telephone (or accept collect calls from authorized Government personnel) at which he or his representative may be reached at night, weekends and holidays. It is mandatory that the contractor or his representative be available to a toll free telephone 24 hours per day, seven days per week, including holidays. He shall notify the OIC in writing of the mailing address and telephone number within three days after award of this contract and immediately thereafter in the event of change.

FAC 5252.242-9300 GOVERNMENT REPRESENTATIVES (OCT 1996)

The contract will be administered by an authorized representative of the Contracting Officer. In no event, however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the contract between the Contractor and any person other than the Contracting Officer be effective or binding upon the Government, unless formalized by proper contractual documents executed by the Contracting Officer prior to completion of this contract. The authorized representative as indicated hereinafter:

X The Contracting Officer's Representative (COR) will be designated by the Contracting Officer as the authorized representative of the Contracting Officer. The COR is responsible for monitoring performance and the technical management of the effort required hereunder, and should be contacted regarding questions or problems of a technical nature.

X The designated Contract Specialist will be the Administrative Contracting Officer's representative on all other contract administrative matters. The Contract Specialist should be contacted regarding all matters pertaining to the contract or task/delivery orders.

_____ The designated Property Administrator is the Administrative Contracting Officer's representative on property matters. The Property Administrator should be contacted regarding all matters pertaining to property administration.

FAC 5252.242-9305 PRE-PERFORMANCE CONFERENCE (JUL 95)

Within 15 days of contract award, prior to commencement of the work, the contractor will meet in conference with representatives of the contracting officer, at a time to be determined by the Contracting Officer, to discuss and develop mutual understanding relative to scheduling and administering work.

Section 00800 - Special Contract Requirements

252.232-7006 WAWF

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

(a) Definitions. As used in this clause--

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

Contract number, typically in the form N69450-14-M-1234, for example.

(1) Document type. The Contractor shall use the following document type(s).

Naval Construction/Facilities Management Invoice

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

Inspection – N44215

Acceptance – N44215

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	N68732
Issue By DoDAAC	N69450
Admin DoDAAC	N44215
Inspect By DoDAAC	N44215
Ship To Code	N/A
Ship From Code	N/A
Mark For Code	N/A
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N/A
Accept at Other DoDAAC	N/A
LPO DoDAAC	N44215
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

daniel.ortiz5@navy.mil

(6) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

WAWF Technician: Dana Villarreal (361)516-6210 dana.villarreal@navy.mil

Contracting Officer: Danny Ortiz (361)961-5219 daniel.ortiz5@navy.mil

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

WAGE DETERMINATIONS

General Decision Number: TX150342 04/24/2015 TX342

Superseded General Decision Number: TX20140342

State: Texas

Construction Type: Building

Counties: Aransas, Nueces and San Patricio Counties in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/02/2015
1	03/06/2015
2	04/24/2015

BOIL0074-003 01/01/2014

	Rates	Fringes
BOILERMAKER.....	\$ 23.14	21.55

* ELEC0278-002 08/31/2014

	Rates	Fringes
ELECTRICIAN.....	\$ 24.30	3%+6.80

ENGI0178-005 06/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
(1) Tower Crane.....	\$ 29.00	10.60
(2) Cranes with Pile Driving or Caisson Attachment and Hydraulic Crane 60 tons and above.....	\$ 28.75	10.60
(3) Hydraulic cranes 59 Tons and under.....	\$ 27.50	10.60

IRON0084-011 06/15/2014

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 22.02	6.35

 SUTX2014-068 07/21/2014

	Rates	Fringes
BRICKLAYER.....	\$ 20.04	0.00
CARPENTER.....	\$ 15.21	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 15.33	0.00
INSULATOR - MECHANICAL (Duct, Pipe & Mechanical System Insulation).....	\$ 19.77	7.13
IRONWORKER, REINFORCING.....	\$ 12.27	0.00
IRONWORKER, STRUCTURAL.....	\$ 22.16	5.26
LABORER: Common or General.....	\$ 9.68	0.00
LABORER: Mason Tender - Brick...	\$ 11.36	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 10.58	0.00
LABORER: Pipelayer.....	\$ 12.49	2.13
LABORER: Roof Tearoff.....	\$ 11.28	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 14.25	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 13.93	0.00
OPERATOR: Bulldozer.....	\$ 18.29	1.31
OPERATOR: Drill.....	\$ 16.22	0.34
OPERATOR: Forklift.....	\$ 14.83	0.00
OPERATOR: Grader/Blade.....	\$ 13.37	0.00
OPERATOR: Loader.....	\$ 13.55	0.94
OPERATOR: Mechanic.....	\$ 17.52	3.33
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.03	0.00
OPERATOR: Roller.....	\$ 12.70	0.00
PAINTER (Brush, Roller, and Spray).....	\$ 14.45	0.00

PIPEFITTER.....	\$ 25.80	8.55
PLUMBER.....	\$ 25.64	8.16
ROOFER.....	\$ 13.75	0.00
SHEET METAL WORKER (HVAC Duct Installation Only).....	\$ 22.73	7.52
SHEET METAL WORKER, Excludes HVAC Duct Installation.....	\$ 21.13	6.53
TILE FINISHER.....	\$ 11.22	0.00
TILE SETTER.....	\$ 14.74	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.39	1.18
TRUCK DRIVER: Flatbed Truck.....	\$ 19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 12.50	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.00	4.11

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this

classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination

- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
 Wage and Hour Division
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
 U.S. Department of Labor
 200 Constitution Avenue, N.W.
 Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

N

D17

D18

Attachment A - Sheet 1 of 6

D19

31
+950

E17

E18

E19

E17

F-18

F19

Hgr 44

Hgr 45

Hgr 46

30
0
Can't shut off

29
920

28
1040
Dead

27
920
2.5 cap stripped

26
79C

- ◆ Fire Connection
- Electrical Meter
- ▣ Road
- ▣ Canopy/Pavilion/Shed
- ▣ Building
- Hydrant

1 inch = 1 ft

E

34
920

33
1040

32
1040
Hard to turn

31
950

30
0
Can't shut off

E16

E17

E18

11
950

12
1010

13
005

14
980

CRECY ST

OCEAN DR

F-17

F-18

Hgr 44

Hgr 43



◆ Fire Connection
● Hydrant

● Electrical Meter
■ Road

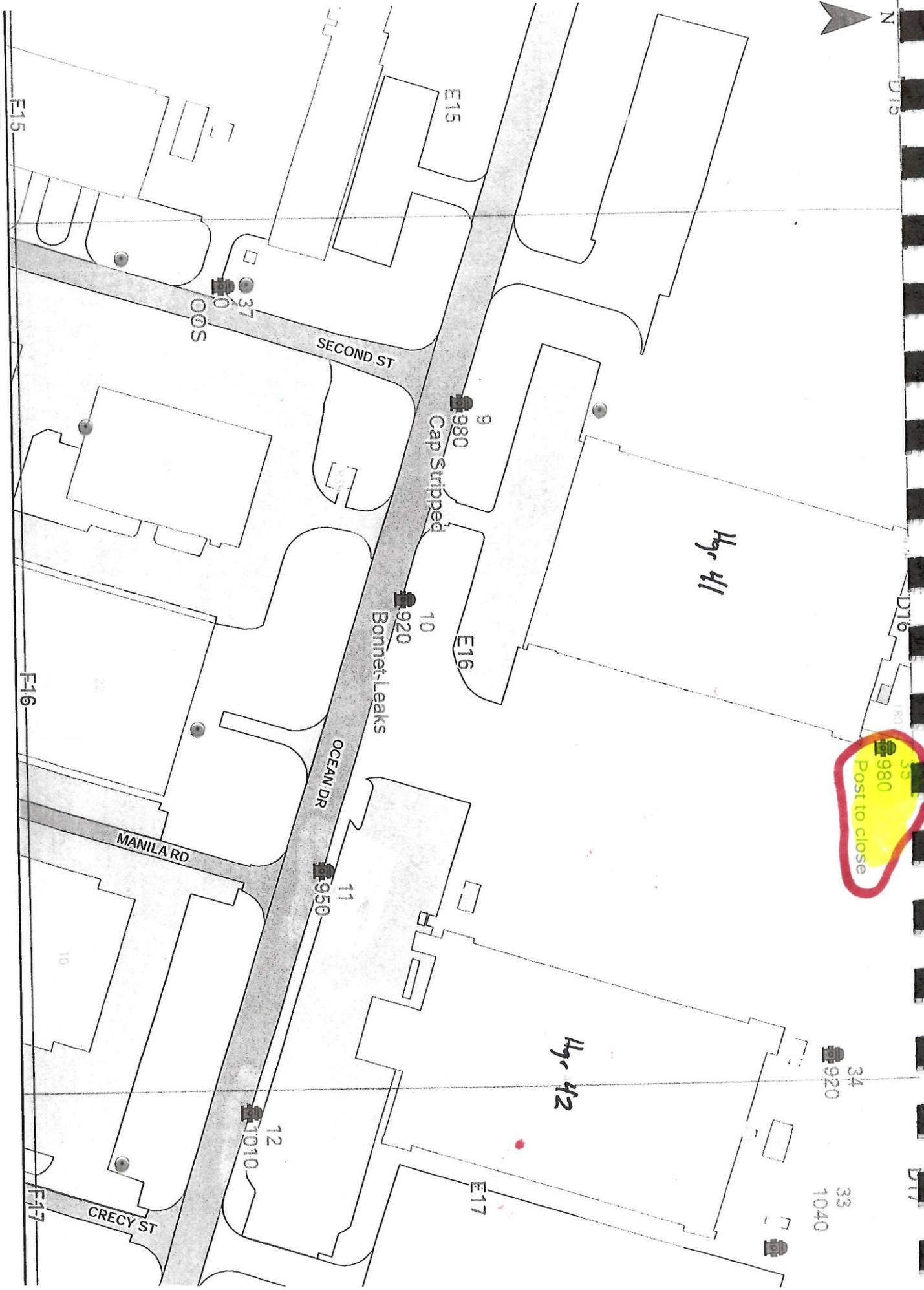
■ Canopy/Pavilion/Shed
□ Building

1 inch = 140'

E



D15
D16
D17



- ◆ Fire Connection
- Electrical Meter
- Canopy/Pavilion/Shed
- Road
- Building
- Attachment A - Sheet 3 of 6
- Hydrant

E1

C15

C16

C17



Attachment A - Sheet 4 of 6

D15

D16

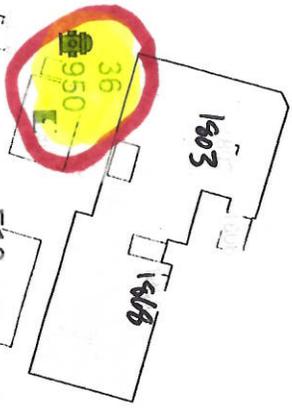
D17

E15

E16-30

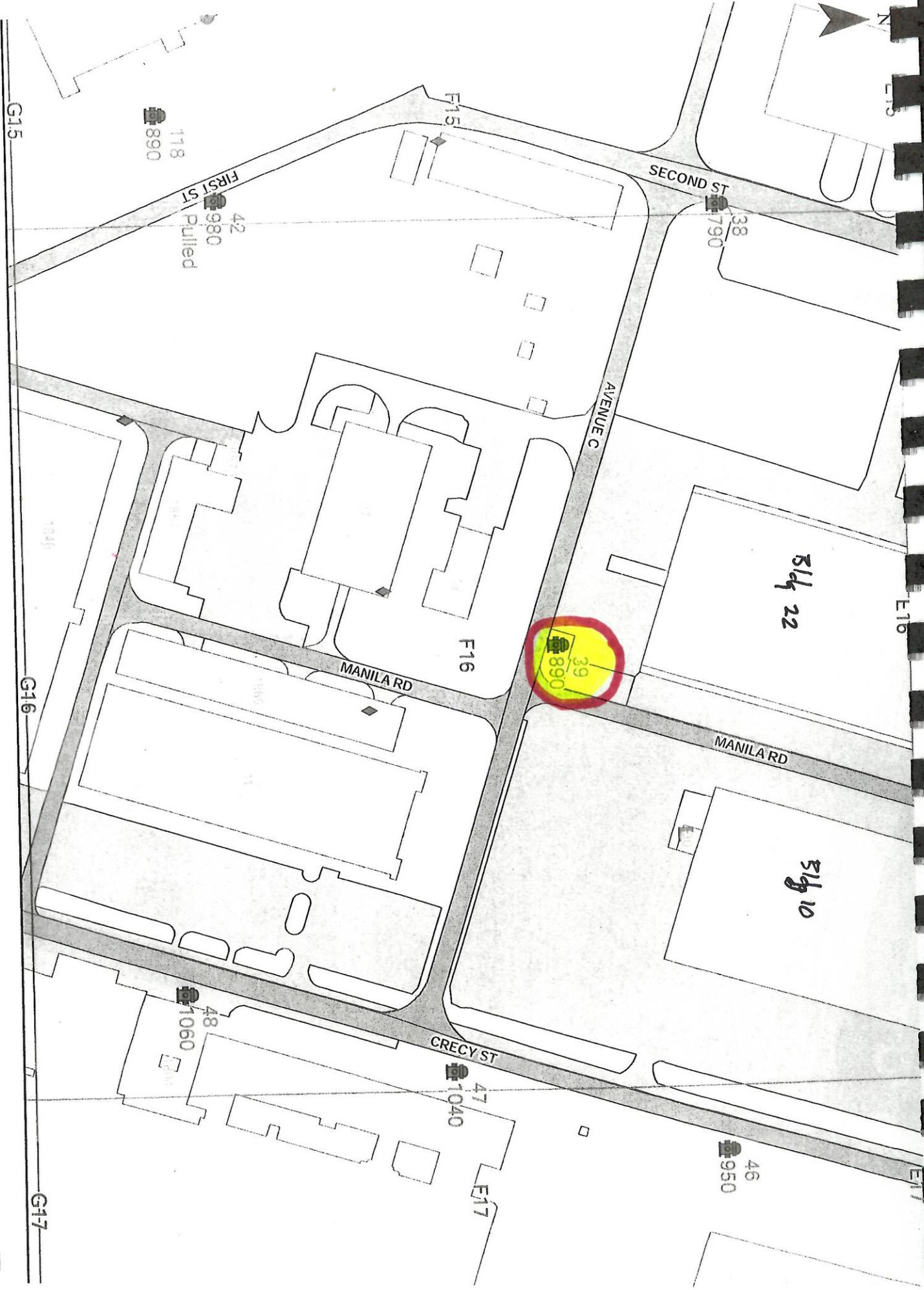
E17

D



- ◆ Fire Connection
- Electrical Meter
- Canopy/Pavilion/Shed
- Road
- Building
- Hydrant





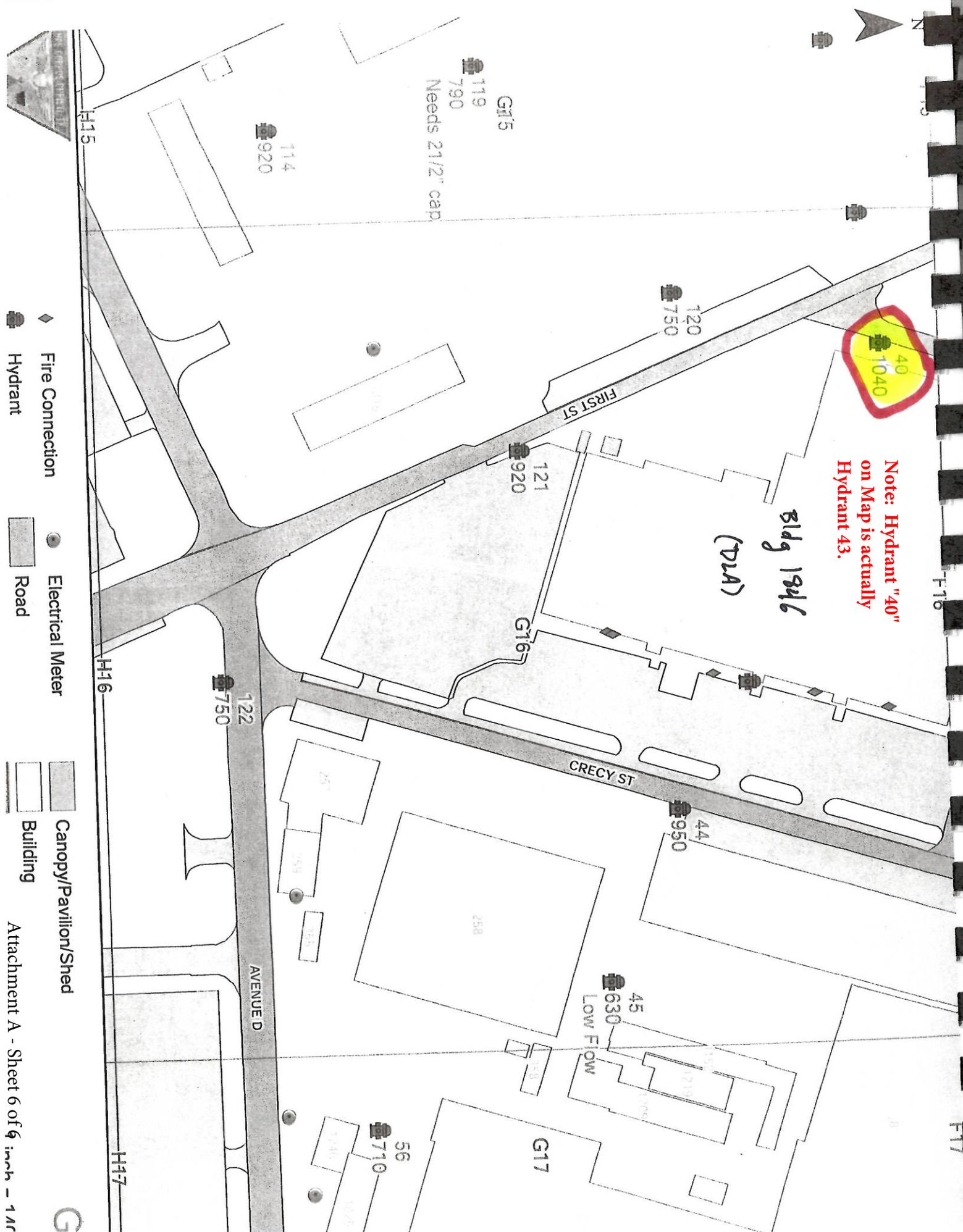
- ◆ Fire Connection
- Hydrant
- Electrical Meter
- Road
- Canopy/Pavilion/Shed
- Building
- Attachment A - Sheet 5 of 6

G15
G16
G17



Note: Hydrant "40"
on Map is actually
Hydrant 43.

Bldg 1846
(D2A)



- Fire Connection
- Hydrant
- Electrical Meter
- Road
- Building
- Canopy/Pavilion/Shed



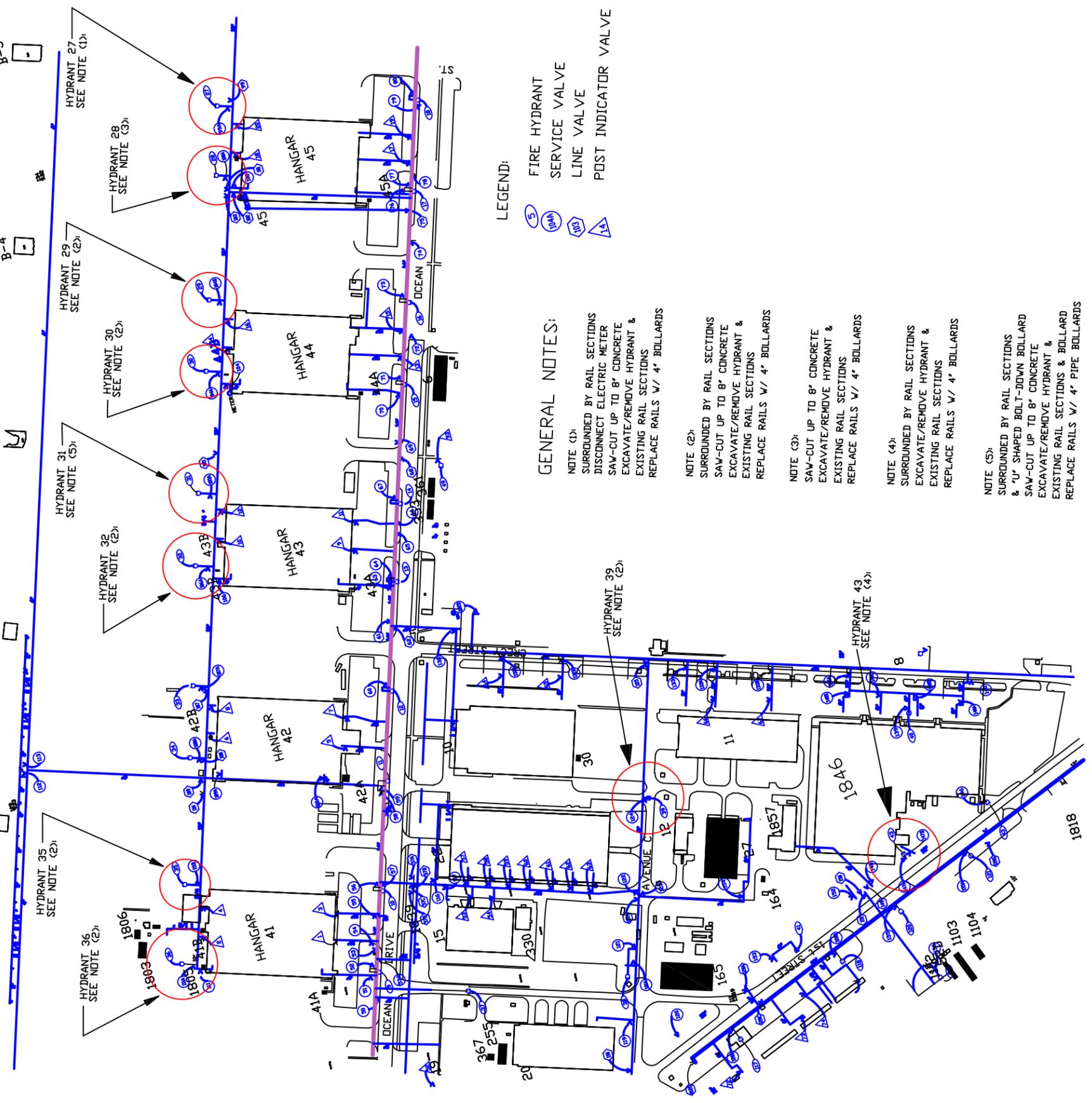
ATTACHMENT B - BJW69L HYDRANT REPLACEMENT PROJECT - WATER UTILITIES INTERFACE MAP

Sheet Reference Number:
G-101

NAS CORPUS CHRISTI
UTILITIES DISTRIBUTION SYSTEMS
NAS CORPUS CHRISTI BASE MAP
BJW69L - Hydrant Replacement

NAVAFAC-SE PUBLIC WORKS DEPT.
UTILITIES & ENERGY MGT. BRANCH
NAS CORPUS CHRISTI, TEXAS
Drawn By: R. Schroeder, P.E.
Checked By: [Blank]
PMD ENGINEERING DESIGN
IN-HOUSE MECHANICAL DESIGN
78419
Isauro Garcia, P.E.
Reviewed By: [Blank]
Date: 10 JUNE 2015
File No. [Blank]
CAD File Name: BJW69LHYDRANT
Sollicitation Number: [Blank]

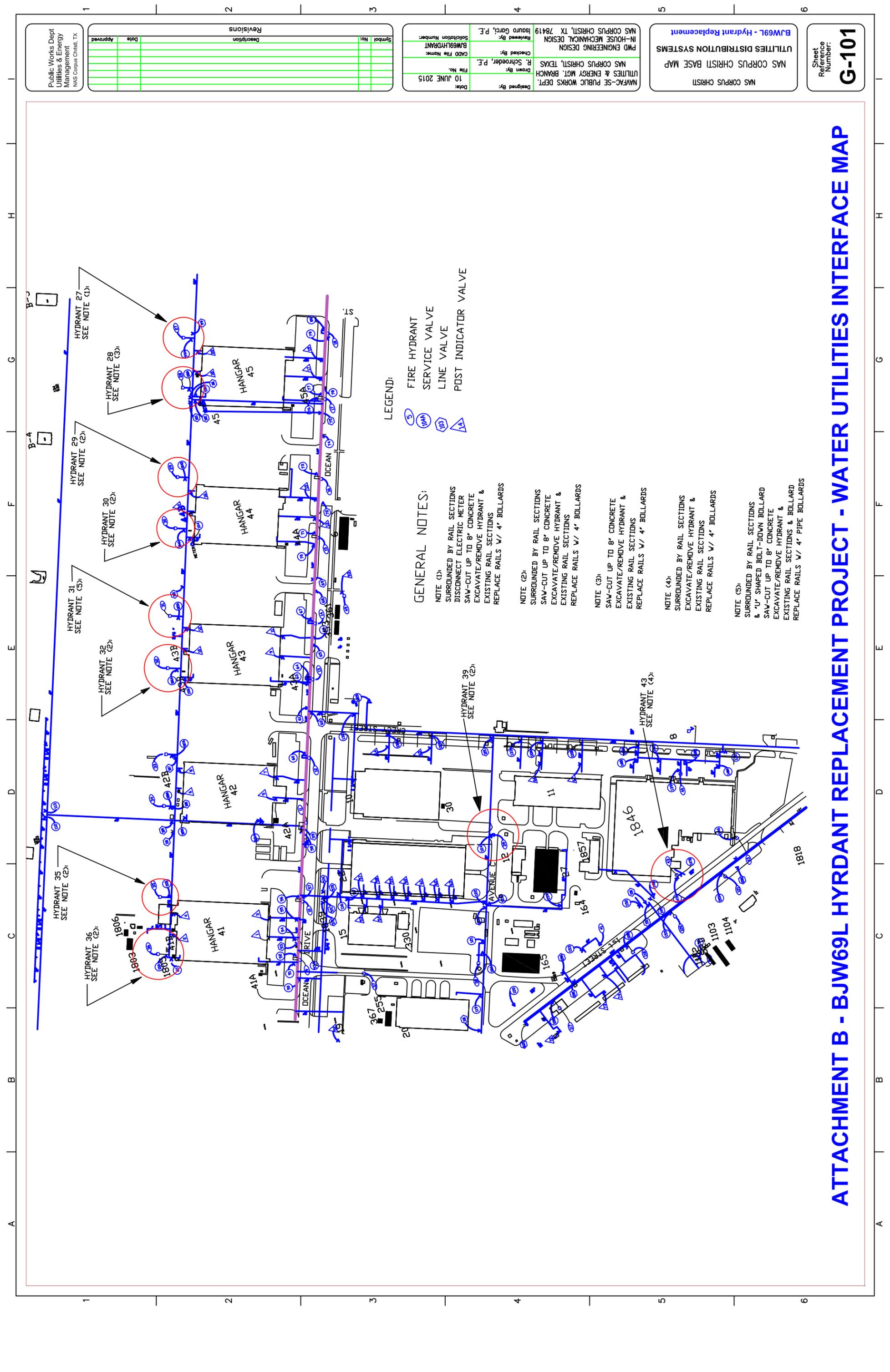
Symbol No.	Description	Date	Approved



- LEGEND:**
- FIRE HYDRANT
 - SERVICE VALVE
 - LINE VALVE
 - POST INDICATOR VALVE

- GENERAL NOTES:**
- NOTE (1) SURROUNDED BY RAIL SECTIONS
DISCONNECT ELECTRIC METER
SAW-CUT UP TO 8" CONCRETE
EXCAVATE/REMOVE HYDRANT & EXISTING RAIL SECTIONS
REPLACE RAILS W/ 4" BOLLARDS
 - NOTE (2) SURROUNDED BY RAIL SECTIONS
SAW-CUT UP TO 8" CONCRETE
EXCAVATE/REMOVE HYDRANT & EXISTING RAIL SECTIONS
REPLACE RAILS W/ 4" BOLLARDS
 - NOTE (3) SAW-CUT UP TO 8" CONCRETE
EXCAVATE/REMOVE HYDRANT & EXISTING RAIL SECTIONS
REPLACE RAILS W/ 4" BOLLARDS
 - NOTE (4) SURROUNDED BY RAIL SECTIONS
EXCAVATE/REMOVE HYDRANT & EXISTING RAIL SECTIONS
REPLACE RAILS W/ 4" BOLLARDS
 - NOTE (5) SURROUNDED BY RAIL SECTIONS
& "U" SHAPED BOLT-DOWN BOLLARD
SAW-CUT UP TO 8" CONCRETE
EXCAVATE/REMOVE HYDRANT & EXISTING RAIL SECTIONS & BOLLARD
REPLACE RAILS W/ 4" PIPE BOLLARDS

Public Works Dept
Utilities & Energy
Management
NAS Corpus Christi, TX



**PMI EQUIPMENT INVENTORY CARD RECORD
BJW69L - REPLACE TEN HYDRANT ASSEMBLIES NAS CORPUS CHRISTI, TX**

PMI EQUIPMENT INVENTORY CARD RECORD TO BE INSERTED HERE

NAS CORPUS CHRISTI
UTILITIES DISTRIBUTION SYSTEMS
BJW69L - Hydrant Replacement

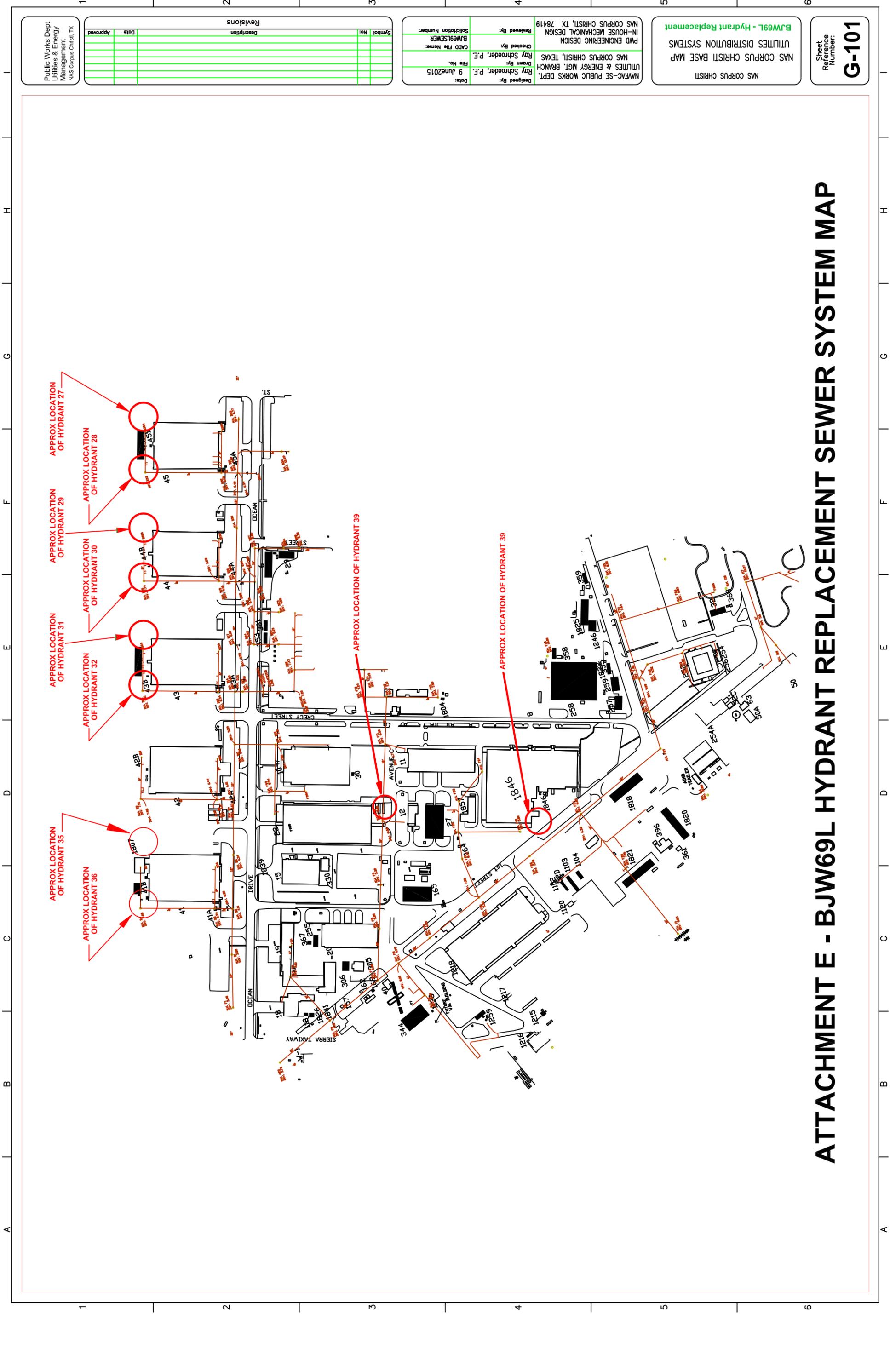
NAVAC-SE PUBLIC WORKS DEPT.
UTILITIES & ENERGY MGT. BRANCH
NAS CORPUS CHRISTI, TEXAS
PMD ENGINEERING DESIGN
IN-HOUSE MECHANICAL DESIGN
NAS CORPUS CHRISTI, TX 78419

Designed By: Ray Schroeder, P.E.
Drawn By: Ray Schroeder, P.E.
Checked By: Ray Schroeder, P.E.
CADD File Name: BJW69LSEWER
Reviewed By: BJW69LSEWER
Selection Number:

Symbol No.	Description	Date	Approved

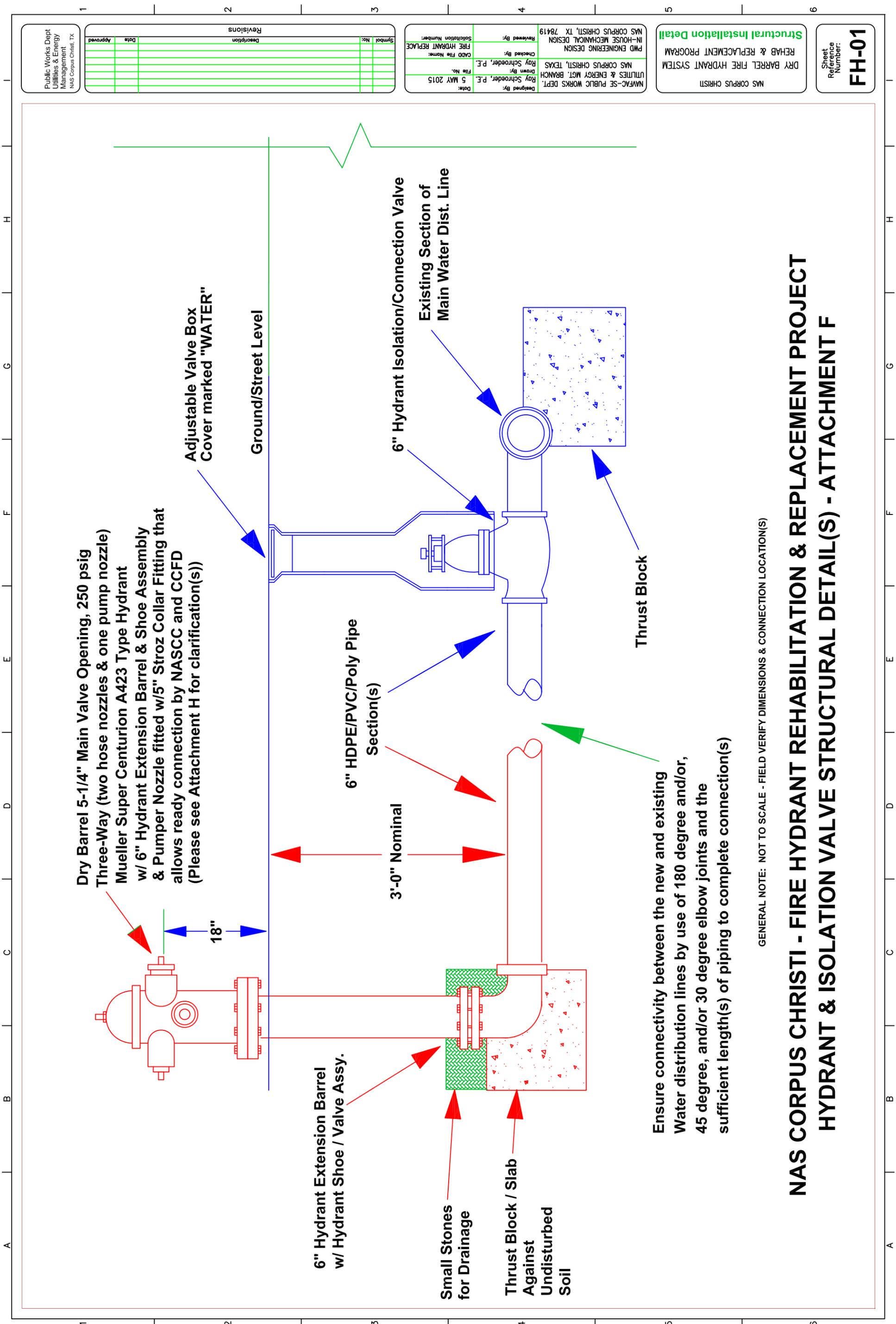
Public Works Dept
Utilities & Energy
Management
NAS Corpus Christi, TX

ATTACHMENT E - BJW69L HYDRANT REPLACEMENT SEWER SYSTEM MAP



1 2 3 4 5 6

A B C D E F G H



GENERAL NOTE: NOT TO SCALE - FIELD VERIFY DIMENSIONS & CONNECTION LOCATION(S)

NAS CORPUS CHRISTI - FIRE HYDRANT REHABILITATION & REPLACEMENT PROJECT HYDRANT & ISOLATION VALVE STRUCTURAL DETAIL(S) - ATTACHMENT F

Public Works Dept
Utilities & Energy
Management
NAS Corpus Christi, TX

Symbol No.	Description	Date	Approved

Date:	5 MAY 2015
Designed By:	Roy Schroeder, P.E.
Drawn By:	Roy Schroeder, P.E.
Checked By:	Roy Schroeder, P.E.
CADD File Name:	FIRE HYDRANT REPLACE
Solicitation Number:	

NAVAC-SE PUBLIC WORKS DEPT.	UTILITIES & ENERGY MGT. BRANCH	NAS CORPUS CHRISTI, TEXAS
PWD ENGINEERING DESIGN	IN-HOUSE MECHANICAL DESIGN	NAS CORPUS CHRISTI, TX 78419
Reviewed By:		

NAS CORPUS CHRISTI
REHAB & REPLACEMENT PROGRAM
Structural Installation Detail

Sheet Reference Number:
FH-01

ATTACHMENT G - BJW69L HYDRANT REPLACEMENT NATURAL GAS MAP

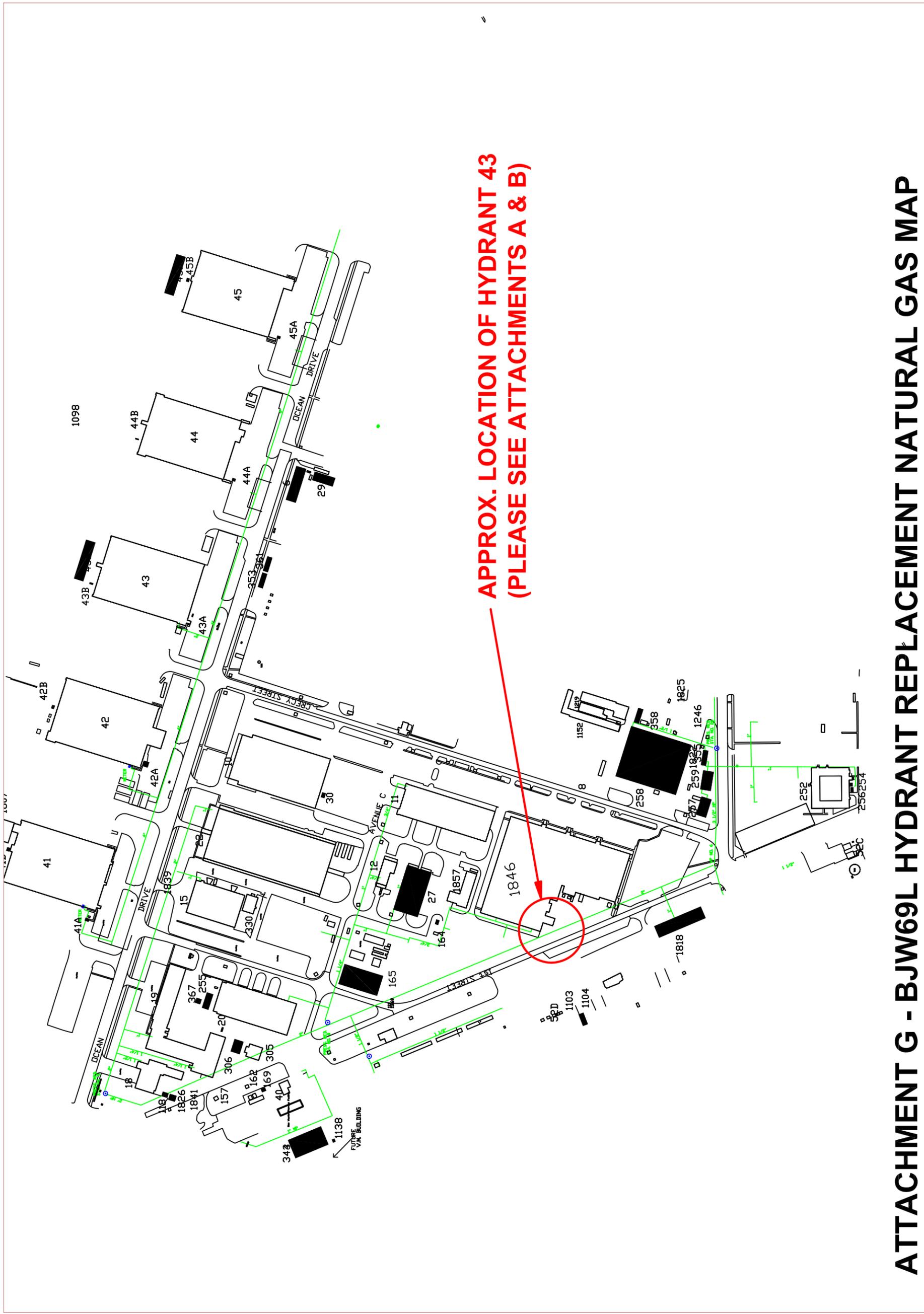
Sheet Reference Number:
G-101

NAS CORPUS CHRISTI
UTILITIES DISTRIBUTION SYSTEMS
Nat. Gas Distrib. System

NAVAC-SE PUBLIC WORKS DEPT.
UTILITIES & ENERGY MGT. BRANCH
NAS CORPUS CHRISTI, TEXAS
Drawn By: Ray Schroeder, P.E.
File No. 9 JUNE 2015
Date: 9 JUNE 2015
Designed By: Ray Schroeder, P.E.
Checked By: Ray Schroeder, P.E.
CADD File Name: NAT GAS SYSTEM
Reviewed By: PWD ENGINEERING DESIGN
IN-HOUSE MECHANICAL DESIGN
NAS CORPUS CHRISTI, TX 78419
Solution Number:

Symbol No.	Description	Date	Approved

Public Works Dept
Utilities & Energy
Management
NAS Corpus Christi, TX



**APPROX. LOCATION OF HYDRANT 43
(PLEASE SEE ATTACHMENTS A & B)**



Naval Air Station Corpus Christi Fire & Emergency Services
10800 Ave D Bldg 7
Corpus Christi, Texas 78419
DSN: 861-3369 (361) 961-3369 Fax- (361) 961-1722

- The fire hydrants shall conform to AWWA C502-64 standard specifications for Dry Barrel fire hydrants for ordinary water works service, except for changes, additions and supplementary details specifically outlined herein:

General Guidelines Regarding Hydrants

- Diameter (Nominal Inside) of Hose and Pumper Nozzles -
- Diameter (Nominal Inside) of Hose and Pumper Nozzles - The hose nozzles shall be two and one-half (2 1/2") inches inside diameter and the pumper nozzle shall be a 5" Stroz.



- To ensure NASCC F&ES access, a 20 ft (6.1 m) radius shall be maintained around fire hydrants and connections to other approved water supplies.
- Connections shall not be made to fire hydrants, and fire hydrants shall not be operated except by authorized NASCC F&ES or Public Works Department (PWD) personnel. Only approved hydrant wrenches shall be used on fire hydrant stems.
- Painting and numbering of fire hydrants shall be accomplished in accordance with reference NFPA 1. All hydrants tops and nozzle caps shall be painted with the following: 1500 gallons per minute (GPM) or greater light blue, 1000-1499(GPM) green, 500-999 (GPM) orange, less than 500 (GPM) red.
- NASCC F&ES personnel shall conduct annual tests on fire hydrants. Test results will be provided to the PWD for corrective action as required.
- A permit may be required for connection, installation and maintenance of standpipes and fire hydrants. In areas with limited water supply, installation and maintenance will be in accordance with NFPA 1.
- Subject reference source is from the Uniform Fire Code NFPA 1 and, NASCCINST 11320.8L. For additional clarification or information please contact the NASCC Fire Prevention, 361-961-3369 and or PWD 961-2369.