

**Department of Veterans Affairs**  
**Barrancas National Cemetery Phase Two Design-Build**  
**Solicitation Number: VA101-16-R-0142**  
**Phase Two: Request for Proposal (RFP)**  
**Requested Information/Clarification**

1. Please verify if these are the interment site sizes to use:

A single traditional gravesite is in a 6'x8' grid (two full casket spaces side by side that are each 3'x8') x 8')

A single pre-placed crypt is in a 3'x8' grid

A single oversized pre-placed crypt is in a 4'x10' grid

**VA CFM Response: Interment sizes referenced in AE email are confirmed - see diagram below.**

2. The pricing breakdown by CLIN does not include a line item for general conditions, design development, and other project fixed costs. It assumed that we are to cost load these items over the various CLIN items, however, if a CLIN is deleted or the scope of work changes; these fixed costs would not change. Would the government consider adding a separate CLIN to capture the project design and fixed costs?

**VA CFM Response The government is evaluating whether to provide more cost breakdown elements. However, with respect to design, design costs will not be broken out separately. This is a design-build delivery method. Design and construction are integral to each other.**

3. In the "Barrancas FINAL Solicitation - VA101-16-R-0142" document, p48 of 97 (and also in the one-page outline posted on FedBizOpps "VA101-16-R-0142-A00006002"), the Sub-Factor B heading is "Project Management". However, on p 49 of 97 this same heading is titled, "Construction Management." Which is correct?

**VA CFM Response: Construction Management is the correct heading for Sub-Factor B.**

4. In the "Barrancas FINAL Solicitation - VA101-16-R-0142" document, p46 of 97, I.5.1, it notes to submit, "1 original and 4 copies of technical proposal and 1 copy of price proposal. However, on the chart on p52 of 97 (referencing Price Proposal) under M.1 it notes, "one original and two copies." Also, on p47 of 97 (#11) it notes to send, "one (1) sealed original offer (Volumes I & II), and four (4) copies of their technical proposal (Volume I) and two (2) copies of the Cost Proposal (Volume II)". Please confirm the number of originals and copies requested for technical proposal and cost proposal.

**VA CFM Response: Technical (original plus 4 copies). Price (original plus 2 copies).**

5. In the "Barrancas FINAL Solicitation - VA101-16-R-0142" document, p47 of 97, I.5.2.a/b note a page limit of 60 for Vol 1 and 20 for Vol 2 (total of 80). However, on p48 and p49 of 97 the chart subtotals add up to 87 pages, and in the one-page outline posted on FedBizOpps "VA101-16-R-0142-A00006002" the total page limit listed is 90. Which is correct?

**VA CFM Response: Total page limit is 90 pages.**

6. In the "Barrancas FINAL Solicitation - VA101-16-R-0142" document, p47 of 97 (#8): regarding the electronic version on cd, are both Vol 1 and 2 supposed to be on the same disc? Or, do you want a separate disc for each volume (Technical and Price)?

**VA CFM Response: Separate CD for Technical and Price volumes.**

7. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p49 of 97 under Sub-Factor C in the chart (Conceptual Schedule) lists a page limit of 12. However, in the one-page outline posted on FedBizOpps “VA101-16-R-0142-A00006002” this same section notes a page limit of 15. Which is correct?

**VA CFM Response: Page limit for schedule and narrative is 12.**

8. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p51 of 97 (1st paragraph) it breaks down sub-factor C page limits as 8 pages for the schedule and 4 pages for supporting narrative (total of 12). However, in the one-page outline posted on FedBizOpps “VA101-16-R-0142-A00006002” this same section notes a page limit of 15. Which is correct? If it is 15, where are the additional 3 pages allowed for?

**VA CFM Response: Page limit for schedule and narrative is 12.**

9. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p49 of 97 and also in the one-page outline posted on FedBizOpps “VA101-16-R-0142-A00006002” it is noted that cover pages and index pages do not count in page count. Can a 1-page cover letter be included in Vol 1 (Technical) and also not be counted in total page count?

**VA CFM Response: Yes.**

10. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p49 of 97 and also in the one-page outline posted on FedBizOpps “VA101-16-R-0142-A00006002” it is noted that reduced size drawings of the conceptual design may also be included in the bound proposal (in addition to the full size unbound set). Should these (5) reduced size bound pages be included at the beginning of Sub-Factor A (before A.i)? Or, at the end of this section (after A.iii)?

**VA CFM Response: Conceptual design may be included after section iii.**

11. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p47 of 97 (#8) notes:

*Volume I shall consist of the Technical Proposal and Volume II shall consist of the signed SF-1442, Price (continuation price page 5) acknowledgment of amendments, Representations and Certifications, and bid guarantee. In the “Barrancas FINAL Solicitation - VA101-16-R-0142” document, p 52-53 of 97 notes: The offeror shall submit the following as a separate volume (Volume II).*

*Price Proposal - Volume II*

*(One Original and Two Copies)*

*Intro Page First page of volume II must include: Name and address of offeror, Business Arrangement, Contact Name and Phone Number, Email Address, DUNS Number*

*TAB 1 Executed Solicitation, Offer and Award Form (SF1442) including supplemental pages with CLIN pricing complete on the Offer Schedule (page 6 of solicitation). Offeror shall complete Blocks 14-20C. Signed acknowledgement of all solicitation amendments. Detailed cost breakdown.*

*TAB 2 Executed Bid Guarantee (SF-24)*

*TAB 3 Printed copy “Representations and Certifications” as submitted on*

*<https://www.sam.gov/portal/public/SAM>*

*TAB 4 CD of Price Proposal*

*Please confirm order/contents of Volume 2 (Price Proposal).*

*Also, are tabs required? Can divider pages be used instead?*

*Please confirm the CD of price proposal location: does it really need to be within the hard copy proposal within a tab? Can it be submitted in a clear plastic case separate from the bound submittal (along with CD for Technical)?*

**VA CFM Response: Order/content of Volume 2 in solicitation is confirmed. Tabs are required (no divider pages instead). CD can be submitted within a tab or separately.**

12. Are the Landfill site boundaries available in AutoCAD format, particularly the limits of the “Restricted Development Area?”

**VA CFM Response:** Landfill site boundaries are not available in AutoCAD. Current landfill boundaries are not exact. Offerors must prudently avoid current landfill boundaries. The area designated “restricted development area” is within current landfill boundaries, however certain development above grade may be permitted if coordinated with NAVFAC SE PWD, EPA, and other landfill stakeholders.

13. Can you please provide a copy of the Memorandum of Agreement executed between the Navy, State of Florida and the USEPA that pertains to the implementation of land use restrictions for Operable Unit 1, NAS Pensacola NPL site developed in a Land Use Controls and Assurance and Implementation Plan (Plan)? Can you please provide a copy of the Plan itself as well? These documents are referenced in a September 25, 1998 letter from USEPA (Richard D. Green, Director Waste Management Division) to the Commanding Officer (unnamed) of NAS Pensacola.

**VA CFM Response: The MOA is not available at this time. The government is attempting to obtain a copy from NAS Pensacola. If the government is able to obtain the MOA from NAS Pensacola, it will be provided to offerors.**

14. Are the “Add Alternate” columbarium walls (for the columbarium currently under construction) being constructed as part of that project?

**VA CFM Response: Yes, all columbarium options were awarded.**

15. Is a US flagpole to be included within the Public Assembly area? If so, what height, and does the Navy have any height restrictions within the annex area do to the proximity of Forrest Sherman Field?

**VA CFM Response: Yes. U.S. flagpole and POW flagpole are required. Offeror shall comply with design standards and site constraints (including height obstruction criteria around airfields). Height of flagpoles should be similar to existing flagpoles at old historic cemetery side.**

16. Is night / weekend construction / paving allowed or required to minimize disruption to cemetery operations?

**VA CFM Response: Hours are as specified in the solicitation. Successful offeror can coordinate with SRE, Cemetery Director, and NAS Security during construction for different hours.**

17. Are any site improvements required around the existing historic maintenance building (other than fiber optic cabling requirements)?

**VA CFM Response: Requirements are as specified in the solicitation.**

18. Which buildings are to be retrofitted to LEED/Green Globe certification and what level of certification is part of the scope of work (LEED silver/2 Globes)?

**VA CFM Response: Offerors are required to evaluate and replace systems in the PIC/Admin and new Maintenance Building in accordance with LEED and sustainability requirements with a goal of achieving LEED certification. Evaluate and replace heating systems in the old historic maintenance building training room and restroom.**

19. The Facility Condition Assessment (FCA) indicated deficiencies in monuments. Do deficiencies in existing monuments constitute infrastructure deficiencies?

**VA CFM Response: Yes. Some monument repairs may require SHPO consultation.**

20. The FCA notes deficiencies in the equipment storage shelter (building SS-001). Where is this building located?

**VA CFM Response: There is no need to fix deficiencies at building SS-001.**

21. Can you please expand upon the requirements of program item 5.4(g) "NEW: Drainage Corrections"? We assume that the intent of this program item is not to adjust the grading of occupied burial sections 53 & 54.

**VA CFM Response: Offeror to design and construct viable and comprehensive solutions (including re-grading of burial sections) for drainage problems at this location and others as specified in the solicitation.**

22. From the Facility Assessment Report (FCA), the two Committal Shelters (A and B) were given D's for not having Lightning Protection. Does NCA want to now install lightning protection for these two structures?

**VA CFM Response: Yes.**

23. From the Facility Assessment Report (FCA), items described as "Fair Condition" with no further recommendation of "Replace" can be assumed to be "Not In Contract" (NIC)?

**VA CFM Response: Correct.**

23. From the Facility Assessment Report (FCA), items described as "Fair Condition" with notation "...but exceeds useful life, except as noted" can be assumed to be "Not In Contract" (NIC)? The specific repairs to the referenced item from where the preceding "except as noted" apply, are assumed to be included in this Scope of Work?

**VA CFM Response: Correct.**

24. From the Facility Assessment Report (FCA), items classified under "Monuments and Memorials", miscellaneous repairs listed are "Not In Contract" (NIC)?

**VA CFM Response: Include repairs to Monuments and Memorials as stated in response to question #18.**

25. At Admin/PIC Building, has a study or corrective action been executed for FCA listed item - Interior Finish/Door note for excessive moisture at ceiling diffusers)?

**VA CFM Response: Door controls at PIC/Admin restroom have been repaired in the past. No other corrective actions have been executed. Recurring problems with the automatic door controls may be related to excessive condensation/moisture conditions inside the restrooms. Offeror must design and construct HVAC system and insulation solutions to eliminate condensation and install door controls that are resistant to moisture/humidity.**

26. Are there original historic drawings in electronic format or supplemental drawings (1990 renovation) of the 1868 Maintenance Building #3870? We have checked with the Historic American Landscape Survey and Historic American Buildings Survey web sites. We have not inquired of the Florida SHPO whether they have any records?

**VA CFM Response: Not available.**

27. Are there drawings in electronic format of the Maintenance Building #3870; Pesticide Storage Building SB001; and Equipment Storage Shelter Building SS-001 that either the NCA or the NAS Pensacola Installation (DPW) office may have?

**VA CFM Response: Not available.**

28. What is the discharge flow and pressure from the existing irrigation booster pump?

**VA CFM Response: Flow is 400 gpm and pressure is 70 psi (see attached).**

29. What is the configuration of the existing irrigation booster pump? Is there one pump or two? Is there an installation detail for the existing installation?

**VA CFM Response: There is one existing booster pump. Offerors were permitted a site visit to inspect the installation. No installation detail is available at this time. The existing pad for the pump has degraded over time. Anchors are fabricated. Pump housing is corroded. Pumping now takes 9 hours and 20 minutes to complete its cycle. If more stations are added, this will increase and not be acceptable operationally. Some sections of 6" and 4" pipe are old and will not withstand additional pressure and flow. Offerors need to ensure proper modification of existing irrigation system for new sections.**

30. What (if any) are the remaining institutional controls on the use of the Operable Unit 1 site, and do they impact the reported landfill area within the project?

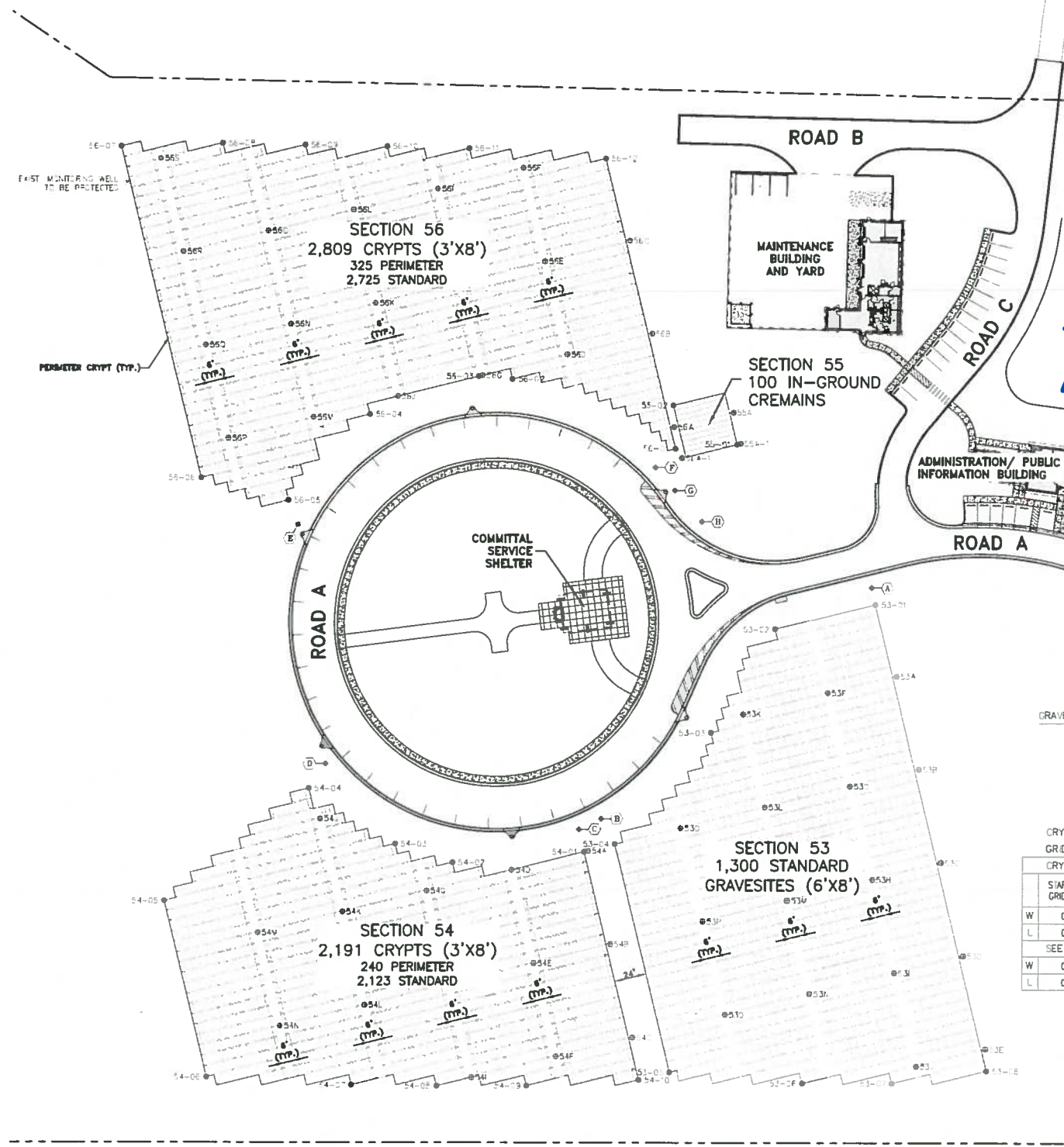
**VA CFM Response: Offeror shall determine. Contact NAVFAC SE PWD Environmental Engineer.**

31. Is there any type of monitoring for Operable Unit 1 (such as groundwater monitoring from monitoring wells) that would affect the project area?

**VA CFM Response: Offeror shall determine. Contact NAVFAC SE PWD Environmental Engineer.**

SECTION MARKERS			
SYMBOL	NORTHING	EASTING	NUMBER ON MARKER
A	505233.83	1087314.87	53
B	505385.70	1087081.67	53
C	505386.79	1087088.28	54
D	505386.42	1087047.36	54
E	505678.47	1087208.54	56
F	505438.84	1087342.89	56
G	505419.43	1087331.65	55
H	505382.08	1087318.97	55

GRAVESITE CONTROL MARKER				FILTER FABRIC SUBGRADE ELEVATION	TOP OF STONE ELEVATION	FINISHED GRADE ELEVATION
NUMBER	NORTHING	EASTING				
53A	505212.89	1087259.39		17.83	18.33	25.00
53B	505172.81	1087199.71		17.94	18.44	25.11
53C	505132.33	1087140.03		18.01	18.51	25.18
53D	505092.05	1087080.35		18.03	19.33	26.00
53E	505051.77	1087020.87		18.83	19.33	26.00
53F	505257.85	1087228.18				24.74
53G	505217.37	1087169.50				25.00
53H	505177.09	1087109.82				25.83
53I	505136.81	1087050.14				26.00
53J	505096.53	1086990.46				26.00
53K	505312.36	1087182.25				24.17
53L	505272.08	1087132.58				24.85
53M	505231.80	1087072.90				25.22
53N	505191.52	1087013.22				25.84
53O	505326.78	1087093.85				24.26
53P	505286.50	1087035.97				24.92
53Q	505246.22	1086978.29		18.43	18.93	25.50
54A	505388.46	1087055.37		16.86	17.36	24.03
54B	505348.18	1086995.89		17.58	18.08	24.75
54C	505308.90	1086938.02		17.83	18.33	25.00
54D	505438.19	1087021.81		16.87	17.37	24.04
54E	505399.91	1086962.13		17.56	18.06	24.75
54F	505355.63	1086902.45		17.83	18.33	25.00
54G	505490.90	1086948.88		17.09	17.59	24.26
54H	505450.62	1086925.20		17.75	18.25	24.92
54I	505410.34	1086865.53		17.83	18.33	25.00
54J	505365.86	1087007.84		16.99	17.49	24.16
54K	505445.60	1086947.96		17.47	17.97	24.84
54L	505305.32	1086888.28		17.83	18.33	25.00
54M	505400.31	1086911.04		17.95	18.45	25.12
54N	505360.03	1086851.36		18.45	18.95	25.82
55A	505398.27	1087401.77				24.00
55A-1	505384.85	1087381.88				24.00
55A	505436.40	1087376.04		18.83	17.33	24.00
55A-1	505422.97	1087356.14		17.47	17.97	24.84
55B	505478.68	1087435.71		17.47	17.97	24.84
55C	505518.96	1087485.39		17.83	18.33	25.00
55D	505531.38	1087398.79		17.08	17.58	24.25
55E	505571.64	1087458.47		17.74	18.24	24.91
55F	505611.94	1087518.15		18.42	18.92	25.59
55G	505586.09	1087381.87		16.86	17.36	24.03
55H	505628.37	1087421.55		17.57	18.07	24.74
55I	505668.65	1087481.22		18.02	18.52	25.19
55J	505640.80	1087324.94		16.86	17.36	24.03
55K	505661.08	1087384.62		17.57	18.07	24.74
55L	505721.36	1087444.30		18.02	18.52	25.19
55M	505695.50	1087288.02		17.08	17.58	24.25
55N	505735.78	1087347.70		17.73	18.23	24.90
55O	505778.06	1087407.38		16.42	16.92	25.59
55P	505750.21	1087251.10		17.45	17.95	24.82
55Q	505790.49	1087310.78		17.83	18.33	25.00
55R	505830.77	1087370.46		18.86	19.16	25.83
55S	505871.05	1087430.13		18.83	19.33	26.00
REFERENCE POINT				FILTER FABRIC SUBGRADE ELEVATION	TOP OF STONE ELEVATION	FINISHED GRADE ELEVATION
#	NORTHING	EASTING				
53-01	505248.71	1087304.13				24.08
53-02	505311.36	1087280.49				24.09
53-03	505330.28	1087170.52				24.01
53-04	505369.05	1087087.12				24.08
53-05	505270.59	1086921.24				25.38
53-06	505173.12	1086948.42				26.00
53-07	505109.48	1086972.08				26.00
53-08	505045.31	1087005.73				26.00
54-01	505388.95	1087053.69		18.88	17.38	24.03
54-02	505479.98	1087011.58		16.84	17.34	24.01
54-03	505525.71	1087009.65		16.83	17.33	24.00
54-04	505601.60	1087025.85		16.90	17.40	24.07
54-05	505674.91	1086908.95		17.83	18.33	25.00
54-06	505698.82	1086794.22		18.83	19.33	26.00
54-07	505493.89	1086828.44		17.83	18.33	25.00
54-08	505432.72	1086850.42		17.83	18.33	25.00
54-09	505369.06	1086874.08		17.83	18.33	25.00
54-10	505290.49	1086907.81		17.88	18.38	25.05
55-01	505387.33	1087380.20				24.00
55-02	505442.86	1087390.98		16.83	17.33	24.00
55-03	505428.84	1087381.10		16.83	17.33	24.00
55-04	505564.21	1087366.99		16.83	17.33	24.00
55-05	505568.58	1087380.19		16.88	17.38	24.03
55-06	505656.21	1087304.89		16.84	17.34	24.01
55-07	505691.52	1087223.14		16.83	17.33	24.00
55-08	505758.18	1087218.10		17.13	17.63	24.30
55-09	505802.38	1087428.29		18.83	19.33	26.00
55-10	505831.28	1087458.99		18.83	19.33	26.00
55-11	505772.58	1087477.29		18.83	19.33	25.80
55-12	505713.89	1087497.80		17.83	18.33	25.00
55-13	505655.21	1087517.90		17.83	18.33	25.00
55-14	505555.25	1087548.76		17.83	18.33	25.00



**LEGEND:**

- ② SECTION MARKER (FOR GRAVESITE LAYOUT)
- ②+2 GRAVESITE CONTROL MARKER
- ②+2+2 REFERENCE POINT
- ②+2+2+2 STANDARD GRAVE 6'x8' PLOT
- ②+2+2+2+2 IN-GROUND CREMATION 4'x4' PLOT
- ②+2+2+2+2+2 PRE-PLACED CRYPT 3'x8' PLOT
- ②+2+2+2+2+2 PERIMETER CRYPT 3'x8' PLOT

*the 6'x8' plot is considered one gravesite and we need 350 traditional gravesites that are 6'x8'*

*please verify if these are to remain the same for the D/B project*

GRAVESITE TABULATION	
565	PERIMETER CRYPTS
+ 4435	STANDARD CRYPTS
5000	DOUBLE DEPTH CRYPTS
+ 1300	STANDARD GRAVESITES
+ 100	CREMATIONS
6400	PLOTS

CRYPT DIMENSION = 2'-10" W x 7'-7" L  
GRID INDICATED = 3'-0" W x 8'-0" L

CRYPTS TO BE CENTERED WITHIN GRID AS INDICATED BELOW

STARTING GRIDLINE	START CRYPT	END CRYPT	ENDING GRIDLINE	START CRYPT	END CRYPT	ENDING GRIDLINE
W 0"	1"	2'-11"	3'-0"	3'-1"	5'-11"	6'-0"
L 0"	2"	7'-9"	8'-0"	8'-2"	15'-9"	16'-0"

SEE DETAILS ON SHEET C-811 W/PERIMETER CRYPT AT START OF GRID

W 0"	0"	2'-11"	3'-0"	3'-1"	5'-11"	6'-0"
L 0"	2"	7'-9"	8'-0"	8'-2"	15'-9"	16'-0"



# YOUR WATERTRONICS PUMP STATION CREDENTIALS

Congratulations on the purchase of your new Watertronics Pump Station! Thank you for choosing Watertronics.

## NAVAL AIR STATION DESIGN - 400 GPM @ 70 PSI BOOST

WATERTRONICS MODEL #: LSTB-30-460-3-4"	WATERTRONICS PUMP STATION SERIAL #: 2002 - 190
ELECTRICAL SCHEMATIC #S: SC02190-1-2	Power: 460 Volt 3 Phase - 60 Hz DISCONNECT: 60 Amp

Programmable Logic Controller Type: NAIS FPO-C14RS

Display : Aromat ATM-10

### ALARMS

Low Pressure

High Temperature

### PRESSURE SETPOINTS

Regulate = 115 psi

Low Cut = 95 psi

High Cut = N/A

XXXXXXXXXXXXX	Pump # 1	
HORSEPOWER	30	
RPM	3600	
DESIGN - Gallons / Minute	400	
Pump Station - (TDH)	190 ft.	
Total Station-Out put Pressure- (TDH)	266 ft.	
PUMP - Manufacturer	Goulds	
Model # Trim	3 x 4 - 8 #3656 Impeller Trim 7"	
MOTOR - Manufacturer	Baldor	
Model # Voltage	JMM2534T FRAME 286JM 230/460	
Full Load Amps (FLA)	35.0	
Contactor	100-C43	
Overload Relay	193-EA5JD	
Fuses	FRS-R60	
Temperature Sensor	Nason TT-D3A-120R / WL	
Butterfly Valve Size/ Make	4" Watts	
PSI Regulating Valve :4" FL. Angle Cla-Valve Pilot : 3/8" CRD / Wye Strainer : 3/8" #0777	Switch Gauge : Murphy 150# In Line Filter : 1/4" x 2" Bermad YD-500-05	Gauge ( Liquid Filled ) : Ametek 2.5" 160#
Flow Sensor: Data Industrial 220b #20BR-0005-1211	Fan : 6" Axial 115V / 240CFM	Gauge : Compound Vac / Pressure 30-0-150
MOTOR SERIAL #S	PUMP SERIAL #s	
Motor #1-ZO203010123	Pump #1- 16BFK1 MBF08044S H0221503	
Total Station Performance Flow: 400 GPM Discharge Pressure After Filters: 115 PSI	Dynamic Inlet Pressure :45 PSI Total BOOST Required: 70 PSI	Manifold Size : 4 in. Maximum Lift Required: N/A

**THIS IS AN IMPORTANT DOCUMENT.  
PLEASE RETAIN IT FOR FUTURE REFERENCE.**