August 5, 2014

Regular Public Meeting 6:00 P.M.

Commission Chamber City Hall Port St. Joe, Florida



City of Port St. Joe

Mel Magidson, Mayor-Commissioner William Thursbay, Commissioner, Group I Bo Patterson, Commissioner, Group II Phil McCroan, Commissioner, Group III Rex Buzzett, Commissioner, Group IV

[All persons are invited to attend these meetings. Any person who decides to appeal any decision made by the Commission with respect to any matter considered at said meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. The Board of City Commission of the City of Port St. Joe, Florida will not provide a verbatim record of this meeting.]

BOARD OF CITY COMMISSION

Regular Public Meeting 6:00 p.m. City Hall Commission Chamber Tuesday August 5, 2014

Call to Order

Consent Agenda

Minutes

•	Regular Commission Meeting 7/15/14	Pages 1-5
•	Commission Workshop Meeting 7/17/14	Page 6
•	Commission Workshop Meeting 7/29/14	Page 7

City Attorney

- Headworks Final Payment
- Florida Competitive Partnership- Update

Assignment of Holly Hills Lease Agreement

Old Business

- Lighthouse- Update
- Solid Waste Bids
- Entryway Sign- Comm. Thursbay

New Business

•	Fe	e Waiver Request	
	0	Carol Davis & Jerome Brundage	Page 25
	0	Flow of the Spirit International Ministries	Pages 26-28
•	Bo	at Ramp Signs- Comm. Thursbay	
•	Le	tter of Support- North PSJ Community Youth Initiative	Pages 29-30

Public Works

- Water Distribution Phase II-Update
- RFP 2014-04 Sewer Grinder Pump Stations Bid Award

GIII	luci	I ullip Stations Did Award	
	0	Bid Tabulation Sheet	Page 31
	0	Bid Specs	Pages 32-50
	0	Pump & Process Bid	Pages 51-102
	0	Gilbert Pump Bid	Pages 103-124
	0	Wallace Pump Bid	Pages 125-133

Pages 8-24

• RFP 2014-05 2nd & 4th Streets Sealing & Restriping (Handout)

Surface Water Plant

Update

Waste Water Plant

Update

City Engineer

- CDBG Water Line Replacement- Update
- USDA Sidewalk Replacement- Update

Code Enforcement

• Update

Page 134

Police Department

• Update

PSJRA

• Update

City Clerk

- Repair at Dr. Joe Parking Lot Deck- Update
- Open-Air Information Center- Update
- Phase IV Landscaping Palm Trees- Update
- Winter Banners for Downtown

Citizens to be Heard Discussion Items by Commissioners Motion to Adjourn

MINUTES OF THE REGULAR MEETING OF THE BOARD OF CITY COMMISSIONERS FOR THE CITY OF PORT ST. JOE, FLORIDA, HELD IN THE COMMISSION CHAMBER AT CITY HALL, July 15, 2014, AT 6:00 P.M.

The following were present: Mayor Magidson, Commissioners Buzzett, McCroan, Patterson and Thursbay. City Manager Jim Anderson, City Clerk Charlotte Pierce and Attorney Tom Gibson were also present.

CONSENT AGENDA

Minutes

A Motion was made by Commissioner Buzzett, second by Commissioner McCroan, to approve the Minutes of the Regular Meeting on July 1, 2014 and the Workshop Meeting of July 1, 2014. All in Favor; Motion carried 5-0.

CITY ATTORNEY - Tom Gibson

Gulf Pines Hospital - Property Tax Bill

Mr. Gibson shared that the IRS has agreed for the City to pay the private tax certificates and to accept the County's position not to proceed on a tax deed sale of the hospital.

Commissioner Patterson asked if the City could sell the property to someone and if the purchaser would be required to clean the site. Mr. Gibson responded that could be done.

Attorney Gibson stated that, "The agreement that we have been talking about with the County is, as we go through this process, at the end of the day, if we have money left over then we will pay those tax certificates. A good bit of the money will come back to us but we don't have to make that decision until down the road."

A Motion was made by Commissioner Buzzett, second by Commissioner Thursbay, to pay the outstanding private tax certificates in the amount of \$37,989.40 with BP funds and if there is any money left after the sale of the lots, to repay the taxes owed to the County and Gulf County School Board. All in Favor; Motion carried 5-0.

Competitive Florida Partnership Update

Mr. Gibson reminded everyone of the celebration to be held on August 4, 2014, at 11:00 A.M. at Capital City Bank to recognize the achievements of our community with this project. He anticipates that a number of state officials will be here for the celebration.

Ordinance 506: 2nd Reading and Consideration of Adoption

Attorney Gibson noted that there are several structures with residence in the Mixed Use District and they would be grandfathered in under this Ordinance. Should the individuals vacate the premises for more than 60 days or sell the property, the next owner / occupant would not continue to receive the grandfathered status.

A Motion was made by Commissioner Patterson, second by Commissioner Buzzett, to read Ordinance 506 by Title only. All in Favor; Motion carried 5-0.

Mr. Gibson read Ordinance 506 by Title only.

A Motion was made by Commissioner Patterson, second by Commissioner McCroan, to adopt Ordinance 509. All in Favor; Motion carried 5-0.

Currently, there is an issue between the contractor and a sub-contractor over \$40,000 that the City is holding for the Grit Kings. Mr. Gibson noted that the way to resolve this is to pay the money to the court system and let them settle the issue. This will need to be approved by the SRF. Once their decision is made, this will be placed on the Agenda for action by the City Commission.

CITY MANAGER'S REPORT

Old Business

Water Plant Lime Pilot Study Update - Sterling Carroll, P.E., FRWA

Mr. Carroll presented a power point presentation of the Hydrated Lime Pilot Test study that was done for the City of Port St. Joe. After a question and answer period, a Motion was made by Commissioner Buzzett, second by Commission Patterson, to request bids for Lime Slurry. All in Favor; Motion carried 5-0

Lighthouse Update

Mayor Magidson shared that the Cape San Blas Lighthouse, two Keepers' Quarters and the Oil House were moved today. The Keepers' Quarters will be attached to their pilings this week and the lighthouse will be raised in the next couple of weeks.

Mrs. Ann White complimented everyone involved with the moving of the structures and noted how well it was organized.

Solid Waste Bids

A Motion was made by Commissioner Patterson, second by Commissioner Thursbay, for City Staff to negotiate with Waste Pro on their bid. All in Favor; Motion carried 5-0. Mr. Gibson is to review the legal consequence of this.

Ms. Lynn Yort of Waste Management noted several of the items included in their proposal that were not included in the proposal from Waste Pro. She also shared information on their Spring Hill Landfill and noted the recognition Waste Management had received for the project.

Richard Payne of Waste Pro stated that both companies are great companies and thanked the Commission for the opportunity to negotiate with Staff.

Pressure Washing on Reid Avenue – Commissioner Patterson

A Motion was made by Commissioner Patterson, second by Commissioner Buzzett, to advertise for bids to power scrub and wash sidewalks on Reid Avenue. All in Favor; Motion carried 5-0.

Boat Ramp Fees - Commissioner Thursbay

Discussion was held on the recently adopted Boat Launch Fees Resolution requiring County residents to either pay \$5 per day to launch or purchase an annual permit of \$25.

Commissioner Patterson noted that several County Commissioners had talked with him about County residents being charged to use the launch and asked that the fee be waived for them. He stated that the City and County should work together and felt this was a way of showing cooperation.

Commissioner Buzzett shared that the citizens of Port St. Joe are paying for the maintenance and up-keep of the facility and felt that other users of the facility should help pay for it.

Mayor Magidson noted that the County does not waive tipping fees for the citizens of Port St. Joe which causes them to pay twice to use the landfill.

A Motion was made by Commissioner Thursbay, second by Commissioner McCroan, to amend Resolution 2014-02 by a new Resolution. Voting to amend Resolution 2014-02 were Commissioners McCroan, Patterson and Thursbay. Voting not to rescind the Resolution were Mayor Magidson and Commissioner Buzzett. The vote carried 3-2.

Utility Rates - Commissioner Thursbay

Commissioner Thursbay shared that he is still talking with several other municipalities and asked that this be Tabled again.

New Business

Entryway Sign - Commissioner Thursbay

The Entryway sign located between the Tapper (Highland View) Bridge and the Overpass is in need of refurbishing. As of yet, Mr. Anderson has not received any information from vendors on what it would take to make the needed improvements.

Chamber of Commerce Update - Paula Pickett

Mrs. Pickett commended those responsible for the move of the lighthouse and noted what an asset it would be to the City. She gave the Commissioners an overview of the changes and redefining of purpose that the Chamber has been doing; noted their new address is 308 Reid Avenue and expressed her appreciation for all the help the Chamber received from Mr. Jimmy and crew when relocating their office.

The Scallop Festival will be September 12 – 13, 2104.

Commissioner Patterson thanked Mrs. Pickett for providing space in the Chamber Office for Gail Alsobrook and the Port St. Joe Redevelopment Agency.

Fee Waiver Request - Gulf County Sheriff's Office

A Motion was made by Commissioner McCroan, second by Commissioner Thursbay, to waive the fee for the Gulf County Sheriff's Department to use the Centennial Building on January 24, 2015. The event will be a fund raiser for the Sheriff's Department team to benefit the American Cancer Society. All in Favor; Motion carried 5-0.

Property Taxes - DR 420

Mr. Anderson noted that the City currently levies 3.5914 Mills for FY 2013-2014. In the past, the City has set the proposed Millage 1 Mill higher until the budget is finalized. Mr. Anderson stressed that, once the DR-420 is submitted to the Gulf County Property Appraiser, you cannot increase the Millage but can reduce it. A Motion was made by Commissioner Buzzett, second by Commissioner Patterson, to propose a tentative Millage of 4.5914 for FY 2014-2015. All in Favor; Motion carried 5-0.

Public Works - John Grantland

Water Distribution Phase II Update

Work continues in the Yaupon Street and Centennial Building area. The crews are working around the rain and as soon as weather permits, pouring of the drive ways in that area will resume.

Mr. Grantland congratulated Clay Smallwood, III, for is work in relocating the Cape San Blas Lighthouse, Keepers' Quarters and Oil House.

Surface Water Plant - Larry McClamma

Mr. McClamma thanked Sterling Carroll, P.E., of North Florida Rural Water for his help with the Hydrated Lime Pilot Test Program for the City.

Wastewater Plant - Lynn Todd

The SolarBee Maintenance Team was here Monday. Everything appears to be in good working order and they made an adjustment to the intake tubes to be 5' below the surface. The plant is also spraying to help lower the lagoon levels.

City Engineer - Clay Smallwood, III

CDBG Water Line Replacement and USDA Sidewalk Replacement Update - Liquidated Damages

Work is still progressing and all pipes are in the ground. Pressure testing of the lines will be done shortly; sidewalks will be installed after the testing and the drives will be replaced after all work is completed. GAC is aware of the deadlines.

Code Enforcement

Mr. Burkett's report was reviewed, no action was taken.

Police Department - Chief Barnes

Chief Barnes expressed his appreciation for all the help given to relocate the lighthouse and structures.

Commissioner Thursbay shared that he had read a letter of appreciation in the paper recognizing Officer Everett for his help with an issue. Commissioner Thursbay asked Chief Barnes to convey his appreciation to Officer Everett for the assistance he had rendered.

Port St. Joe Redevelopment Association (PSJRA) - Gail Alsobrook

May Minutes were provided for review.

Repair at Dr. Joe Parking Lot Deck – Two bids have been received and it was recommended that the bid from Glenn Combs be accepted as it met all qualifications. A Motion was made by Commissioner Thursbay, second by Commissioner Patterson, to award the bid to Mr. Combs in the amount of \$3,651.00. All in Favor; Motion carried 5-0.

Open-Air Information Center Update – A Workshop was held on July 14, 2014 and the following were selected as elements: Interactive Way Finding Kiosk; Woody Façade Photo Op and Periscope to Webcams.

Downtown Brochure – The Brochure was delivered yesterday to the merchants.

City Clerk - Charlotte Pierce

Mrs. Pierce expressed her appreciation for all the help that has been given to relocate the Cape San Blas Lighthouse, two Keepers' Quarters and Oil House. She also noted that final information is being provided for grants that have been given for the move.

Citizens to be Heard

Letha Matthews asked about a tax on the light bill for Gulf Pines Hospital. It was shared that a one-half cent sales tax was approved to help with indigent care in Gulf County but this tax is not on light bills or associated in any way with Gulf Pines Hospital. Ms. Matthews thanked the Commission for the explanation.

Mr. Gibson introduced Chuck Livingood as a new member of the Port St. Joe Port Authority and thanked him for his involvement in our town.

Discussion Items by Commissioners

Commissioners Buzzett, McCroan and Patterson did not have anything to discuss.

Commissioner Thursbay shared that he had spoken with Bobby Pickels of Duke Energy and he anticipates having lights on Cabell Drive in two or three weeks.

Mayor Magidson did not have anything to discuss tonight.

A Motion was made by Commissioner Buzzett, second by Commissioner McCroan, to adjourn the Meeting at 7:50 P.M.

Approved this day of	_ 2014.	
Mel C. Magidson, Jr., Mayor	·	Date
Charlotte M. Pierce, City Clerk		Date

MINUTES OF THE FY 2014 – 2015 BUDGET WORKSHOP FOR THE BOARD OF CITY COMMISSIONERS FOR THE CITY OF PORT ST. JOE FLORIDA, HELD IN THE COMMISSION CHAMBER AT CITY HALL, July 17, 2014, AT 5:00 P.M.

The following were present: Mayor Magidson, Commissioners Buzzett and McCroan. City Manager Jim Anderson, City Clerk Charlotte Pierce, Financial Analysts Mike Lacour, Police Chief David Barnes and Public Works Director John Grantland were also present. Commissioner Patterson was absent due to a medical appointment and Commissioner Thursbay was absent due to illness.

The purpose of the Workshop was to discuss the FY 2014 – 2015 Budget with focus being on the Police Department; Roads and Streets; Parks and Recreation and Non-Departmental Expenses in the General Fund.

Copies of the preliminary 2014 - 2015 Fiscal Year Budget were distributed. Mr. Anderson noted that pages A - C were a summary of the General Fund Capital Expenditures with pages 1 - 19 being the Budget line item detail by fund.

Financial Analyst Mike Lacour discussed in detail the budgeted amount for each individual department being discussed today.

There has been an increase in the contribution to the Florida Retirement System and the cost of health and property insurance for the coming year is still an unknown. It is anticipated that these figures will be provided by the carriers in early August.

Commissioners were asked to review the General Fund prior to the next Workshop. The next Budget Workshop will be held Tuesday, July 29, 2014, at 5:00 P.M., and the focus will be on the Water Fund.

Mayor Magidson adjourned the Workshop at 5:58 P.M.

Approved this day of 2014.	
Mel C. Magidson, Jr., Mayor	Date
Charlotte M. Pierce, City Clerk	 Date

MINUTES OF THE FY 2014 – 2015 BUDGET WORKSHOP FOR THE BOARD OF CITY COMMISSIONERS FOR THE CITY OF PORT ST. JOE FLORIDA, HELD IN THE COMMISSION CHAMBER AT CITY HALL, July 29, 2014, AT 5:00 P.M.

The following were present: Mayor Magidson, Commissioners Buzzett, Patterson and Thursbay. City Manager Jim Anderson, Financial Analysts Mike Lacour, Surface Water Treatment Plant Supervisor Larry McClamma and Public Works Director John Grantland were also present. City Clerk, Charlotte Pierce, was absent due to a family medical issue.

The purpose of the Workshop was to discuss the FY 2014 – 2015 Budget with focus being on the Water and Solid Waste Funds.

Copies of the preliminary 2014 – 2015 Fiscal Year Water Fund Budget and the updated negotiated rates from Waste-Pro were distributed.

Financial Analyst Mike Lacour discussed in detail the budgeted amount for each individual department in the Water Fund.

The preliminary Water Fund Budget currently has a shortage of \$132,311 without the 3.5% rate increase set to take place October 1. He noted three contributing factors: \$49,000 in write-offs based on the new policy, reduction in account growth projections and a reduction in customer usage. It was also noted that the City is paying approximately \$4 per credit card transaction on utility bill payments. The consensus from the board was to include the 3.5% rate increase and draft a Convenience Fee Policy for \$3 per transaction to balance the Water Fund Budget.

The preliminary Solid Waste Budget has a shortage of \$53,371. Staff, along with Commissioner Patterson, met with Waste Pro to review their proposal. The updated rate proposal was presented to the Commission tonight. The proposed rates and volume of customer complaints were discussed by the Board. The consensus was to have the Solid Waste Bids on the August 5, 2014, Agenda to award the bid to Waste Management and start the process of contract negations.

The next Budget Workshop will be held Tuesday, August 12, 2014, at 5:00 P.M., and the focus will be on the Waste Water Fund.

Mayor Magidson adjourned the Workshop at 5:47 P.M.				
Approved this day of	2014.			
Mel C. Magidson, Jr., Mayor		Date		
James. A. Anderson, City Manager for Charlotte M. Pierce, City Clerk		Date		

LEASE AGREEMENT WITH OPTION TO PURCHASE

Me & cm

THIS LEASE, made and entered into this 24th day of 550 500 500 2010 by and between the City of Port St. Joe, a Florida municipal corporation ("Landlord") and HOLLY HILL FUNERAL HOME, LLC ("Tenant");

WITNESSETH:

Landlord, in consideration of the covenants and agreements herein contained, does hereby demise, lease and let unto Tenant, and Tenant does hereby lease, rent and take from Landlord, the real property described in Exhibit "A" (hereinafter called "the premises"), together with a building constructed thereon, situated at 2775 Garrison Avenue, Port St. Joe, Gulf County, Florida, upon the following terms and conditions.

- 1. TERM AND COMMENCEMENT: Tenant shall have and hold the Premises for continuous use and occupancy for and during the term of sixty (60) months from 24 SFP-EMBFA 2010, all subject to the terms, conditions, stipulations, and covenants herein contained; and Landlord covenants to keep the Tenant in quiet possession of the demised premises during said term and any extension thereof.
 - 2. **RENTAL**: Tenant agrees to pay the Landlord according to the terms of the Payment Rider attached hereto as Exhibit "B".
 - 3. <u>RIGHT TO SUB-LEASE OR ASSIGN</u>: Tenant shall have the right to assign this Lease or sublease the leased premises (or any part thereof) with the prior written consent of Landlord. The Landlord's consent shall not be unreasonably be withheld.
- 4. **OPTION TO PURCHASE**: In the event Tenant has made all lease payments and has performed all of the terms and conditions of this lease and is not in default, then Tenant shall have the option to purchase the property for the total purchase price of \$240,000.00. There shall be no interest paid on any of the outstanding obligations of Tenant to Landlord. The Tenant shall pay and be responsible for all closing costs, including, but not limited to, title insurance (owner=s and/or mortgagee), document recording fees, survey, documentary stamps, and mortgage costs, if any. Property taxes shall be prorated to the date of closing. Conveyance shall be by warranty deed subject only to exceptions which are acceptable to Tenant in its sole discretion. This option shall be exercised by Tenant by providing written notice to the Landlord within sixty (60) days prior to the end of the lease term. The closing shall occur on or before the end of the lease term and shall be closed at the offices of Rish, Gibson, & Scholz, P.A., 116 Sailor=s Cove Drive, Port St. Joe, Florida, 32456. The Florida Bar Standards for Real Estate Transaction is attached hereto as Exhibit AC@, and by this reference made a part hereof.
- 5. **ADDRESSES**: For the purpose of notice and/or for payment of rental, the address of Landlord and Tenant until otherwise designated in writing, is stated to be:

Landlord:

City of Port St. Joe P. O. Box 278 Port St. Joe, FL 32457



Holly Hill Funeral Home, LLC 5907 Highway 22 Callaway, FL 32404

E-mail: brockshometownfh@bellsouth.net

6. <u>USE OF PREMISES</u>: The premises may be used by Tenant for any lawful commercial purpose provided that the Tenant complies with all of the restrictions and limitations set forth in this Lease. Tenant shall at all times comply with any of the City of Port St. Joe Land Development Regulations and any governmental laws or ordinances relating to the cleanliness and safety of the demised premises and agrees that the demised premises shall not be used for any unlawful purpose. All refuse, garbage, and waste of whatever character may be temporarily stored out of doors only in closed non-combustible containers and promptly removed from property. Trash storage areas and any containers must be fully screened and located behind the building and well within Tenant's rented area. No part of the premises shall be used or allowed to be used at any time for the manufacture, storage, distribution, or sale of any product which shall unreasonably increase the fire hazard of any adjoining property, or which shall cause a nuisance, or which shall be injurious to products manufactured or stored upon other properties in or have any purpose calculated to injure or which shall injure the reputation of or of the neighboring property.

- 7. <u>ALTERATION OR ADDITIONS</u>: Subject to the approval of Landlord which will not be unreasonably withheld, within four (4) months of the date of this agreement, Tenant will complete improvements, at its expense (estimate to be \$40,000 to \$60,000), to the property described herein. Seller shall have the right to approve the design and construction plans and to approve the general contractor to be used by Tenant in this regard. All work done, whether structural or non-structural, shall be done in a good and workmanlike manner and in compliance with any applicable governmental rules and regulations, and the cost thereof shall be paid by Tenant in cash, or its equivalent. At the expiration of the term of this Lease, any improvements to the property shall be the property of Landlord.
- 8. **REPAIRS AND MAINTENANCE**: Tenant, at its sole cost and expense, shall during the term of this Lease, promptly repair and at all times maintain in good repair and condition, the exterior foundation, supporting walls, exterior walls, roofs, air conditioning and heating units, and exterior plumbing and plumbing equipment of the building on the demised premises, as well as the exterior parts of said building whether included in the above enumeration or not. Tenant at its sole cost and expense, shall, during the term of this Lease and any extension hereof, promptly repair and at all times maintain in good repair and condition, the interior of the leased premises, including the interior plumbing and plumbing fixtures, interior sewer lines, electrical fixtures and equipment, interior electrical insulation, floors, fixtures, interior painting and decorations, and all mechanical equipment used by Tenant. In the event Tenant shall fail or refuse to repair and maintain said premises as herein set forth, Landlord may, at its option, cause such repairs to be made and bill Tenant therefor and Tenant agrees to reimburse Landlord for such costs.

Help

- 9. <u>UTILITIES</u>: Tenant shall pay all service charges for water, sewer, telephone, electricity, gas and garbage service, and any other utilities including taxes thereon, used on or in the demised premises, and Tenant agrees not to permit any lien or claim to be filed against the leased premises by reason of any such charges.
- loss, cost, damage, or expense caused by injuries to persons or property while in, on, or about the demised premises, and Landlord is hereby released of all liability for any damage or injury to person or property caused by or resulting from steam, electricity, gas, water, rain, wind, or any leak or flow from or into any part of said building or from any damage or injury resulting or arising from any cause whatsoever, unless said damage or injury be caused by or be due to the negligence of Landlord, or Landlord's failure to repair promptly after notice. Landlord, its agents and representatives, during business hours may enter the demised premises for the purpose of inspection thereof and making any repairs or replacements as provided for herein.
- 11. <u>INSURANCE</u>: Tenant agrees during the term of this Lease and any extension hereof to keep the building (including the demised premises) insured to its full insurable value against loss or damage by fire, lighting, windstorm with extended coverage perils. If the leased premises or any part hereof is partially substantially destroyed by fire or other casualty, then Landlord may, at its option, promptly rebuild or replace the same at its sole cost and expense in as good condition as it was prior to such fire or other casualty and the parties agree that there shall be a just and proportionate abatement in the rent from the date of such damage or destruction until Landlord repairs or restores such building and delivers possession thereof to Tenant. If Landlord shall decide not to restore or rebuild the demised premises, Landlord may, within sixty (60) days after such fire or other cause, give Tenant notice in writing of such decision and thereupon the terms of this Lease shall expire. Tenant shall be wholly responsible for insuring its personal property and contents of premises.
- 12. <u>TAXES</u>: Tenant agrees to pay all taxes on personal property, including fixtures and equipment owned by Tenant and located in and upon the demised premises. Tenant further agrees to pay all taxes levied upon the real property and improvements during the lease period. Tenant=s obligation to pay Tenant=s portion of the taxes shall be within thirty (30) days of Tenant=s receipt from Landlord of a copy of the tax bill for the Premises.
- 13. **SURRENDER OF PREMISES**: Unless Tenant exercises the option described in paragraph 4, Tenant shall at the termination of this Lease, peacefully quit, surrender and deliver up to the Landlord, its successors or assigns, the leased premises in as good condition as they were on the commencement date of this Lease with the exception of the usual wear and tear, fire and the elements, act of God, civil riot, war insurrection, or other unavoidable casualty.
- 14. **SIGNS**: Subject to the requirements of the City of Port St. Joe Land Development Regulations, Tenant may erect signs on the exterior and interior of the demised premises.

EXHIBIT "A"



LEGAL DESCRIPTION

Begin at the intersection of the Easterly right of way line of State Road S-30-A, and the Northerly right of way line of State Road S-384; from this point of beginning, run North along the East right of way line of State Road S-30-A for 250 feet to a point; thence turn 90 right for 200 feet to a point; thence turn 90 right and extend a line to the Northerly right of way line of State Road S-384; thence Westerly along the Northerly right of way line of State Road S-384 to the point of beginning. All lying and being within the City Limits of Ward Ridge, Florida, a municipal corporation located in Gulf County, Florida.

Ca

- 15. <u>ATTORNEYS FEES</u>: In the event of default on the part of either party hereunder, the prevailing party in any legal action shall be entitled to reimbursement from the non-prevailing party for a reasonable attorney's fee through all appeals.
- 16. <u>DEFAULT BY LANDLORD</u>: If Landlord should default in any of the covenants and agreements contained in this Lease and provided such default is not corrected within fifteen (15) days of receipt of written notice by Landlord from Tenant of such condition, then and in that event Tenant at its option, may:
- (A) Correct such default and deduct any and all cost as a result of such correction from rentals due or becoming due until Tenant is reimbursed in full for cost of such corrections; or
- (B) If said default continues for a period of forty-five (45) days after notice by Tenant, Tenant may cancel this Lease by fifteen (15) days written notice to Landlord.
- 17. **DEFAULT BY TENANT**: Landlord and Tenant agree that in the event Tenant defaults in the payment of the monthly rental, Landlord shall give Tenant written notice by certified or registered mail of such default and Tenant shall have fifteen (15) days from the date of receiving such notice to correct the same. If Tenant fails to correct such default within the said fifteen (15) day period, Landlord may, after giving Tenant one additional five (5) day notice, at its option, terminate this Lease. Landlord shall then have the right, at its option, to re-enter the leased premises, and such re-entry shall not bar the right of recovery of rent or damages for breach of covenants. If Tenant abandons or vacates the premises, its right to the possession of the premises terminates as provided by law, but the Lease terminates only if Landlord so elects. Landlord and Tenant further agree that in the event of any default by Tenant in the performance of any other covenant or agreement herein contained (other than the payment of monthly rental), Landlord shall give Tenant written notice by certified or registered mail of such default. If, at the expiration of thirty (30) days after service of such notice, such default continues, Landlord shall then give Tenant its second notice in writing by certified or registered mail; and five (5) days from receipt of such second notice Landlord may, at its option, terminate this Lease.

ENTERED AND AGREED on the dates below written.

Signed, Sealed and Delivered in the Presence of: (witnesses as to Landlord) Mikel D Javan	CITY OF PORT ST. JOE (Landlord) By:
1 st Witness Signature Printed Name: Michae(D La(our	Its: Nagol
Printed Name: Michael D Lalour	Date: 9/5 4 , 2010
2 nd Witness Signature. Printed Name: Polin Comb	

EXHIBIT "B"



PAYMENT RIDER

- A. Tenant shall pay rent as follows:
 - 1. In consideration of the improvements described in Paragraph Seven (7), no rental payments shall be paid during the first twelve (12) months of this agreement.
 - 2. Tenant shall pay \$1,500 per month on or before the first day of each month during the second twelve (12) months of this agreement.
 - 3. Tenant shall pay \$2,000 per month on or before the first day of each month during the third twelve (12) months of this agreement.
 - 4. Tenant shall pay \$2,500 per month on or before the first day of each month for the remaining term of this agreement.
- B. Tenant shall pay a late fee of 5% of the amount of any payment more than five (5) days late.
- C. Tenant shall pay any and all sales tax imposed by the State of Florida on any rental amount.

- April 1
- C. SURVEY: Buyer, at Buyer's expense, within time allowed to deliver evidence of title and to examine same, may have the real property surveyed and certified by a registered Florida surveyor. If the survey discloses encroachments on the real property or that improvements located thereon encroach on setback lines, easements, lands of others or violate any restrictions, Contract covenants or applicable governmental regulation, the same shall constitute a title defect.
- D. TERMITES/WOOD DESTROYING ORGANISMS: Buyer, at Buyer's expense, within the time allowed to deliver evidence of title, may have the Property inspected by a Florida Certified Pest Control Operator ("Operator") to determine if there is any visible active termite infestation or visible damage from termite infestation, excluding fences. If either or both are found, Buyer shall have 4 days from date of written notice thereof within which to have cost of treatment, if required, estimated by the Operator and all damage inspected and estimated by a licensed builder or general contractor. Seller shall pay valid costs of treatment and repair of all damage up to the amount provided in Paragraph XIII(a). If estimated costs exceed that amount, Buyer shall have the option of canceling this Contract within 5 days after receipt of contractor's repair estimate by giving written notice to Seller or Buyer may elect to proceed with the transaction and receive a credit at closing on the amount provided in Paragraph XIII(a). "Termites" shall be deemed to include all wood destroying organisms required to be reported under the Florida Pest Control Act, as amended.
- E. INGRESS AND EGRESS: Seller warrants and represents that there is ingress and egress to the real property sufficient for its intended use as described in Paragraph VII hereof, title to which is in accordance with Standard A.
- **F. LEASES:** Seller shall, not less than 15 days before closing, furnish to Buyer copies of all written leases and estoppel letters from each tenant specifying the nature and duration of the tenant's occupancy, rental rates, advanced rent and security deposits paid by tenant. If Seller is unable to obtain such letter from each tenant, the same information shall be furnished by Seller to Buyer within that time period in the form of a Seller's affidavit, and Buyer may thereafter contact tenant to confirm such information. Seller shall, at closing, deliver and assign all original leases to Buyer.
- G. LIENS: Seller shall furnish to Buyer at time of closing an affidavit attesting to the absence, unless otherwise provided for herein, of any financing statement, claims of lien or potential lienors known to Seller and further attesting that there have been no improvements or repairs to the real property for 90 days immediately preceding date of closing. If the real property has been improved or repaired within that time, Seller shall deliver releases or waivers of construction liens executed by all general contractors, subcontractors, suppliers and materialmen in addition to Seller's lien affidavit setting forth the names of all such general contractors, subcontractors, suppliers and materialmen, further affirming that all charges for improvements or repairs which could serve as a basis for a construction lien or a claim for damages have been paid or will be paid at the closing of this Contract.
- H. PLACE OF CLOSING: Closing shall be held in the county wherein the real property is located at the office of Seller=s attorney, Rish, Gibson & Scholz, P.A., 116 Sailor's Cove Drive, Port St. Joe, FL 32456.
- I. TIME: In computing time periods of less than six (6) days, Saturdays, Sundays and state or national legal holidays shall be excluded. Any time periods provided for herein which shall end on a Saturday, Sunday, or a legal holiday shall extend to 5:00 p.m. of the next business day. Time is of the essence in this Contract.
- J. CLOSING DOCUMENTS: Seller shall furnish the deed, bill of sale, construction lien affidavit, owner's possession affidavit, assignments of leases, tenant and mortgagee estoppel letters and corrective instruments. Buyer shall furnish closing statement, mortgage, mortgage note, security agreement and financing statements.

A M

EXHIBIT "C"

STANDARDS FOR REAL ESTATE TRANSACTIONS

EVIDENCE OF TITLE: (1) An abstract of title prepared or brought current by a reputable and existing abstract firm (if not existing then certified as correct by an existing firm) purporting to be an accurate synopsis of the instruments affecting title to the real property recorded in the public records of the county wherein the real property is located through Effective Date. It shall commence with the earliest public records, or such later date as may be customary in the county. Upon closing of this Contract, the abstract shall become the property of Buyer, subject to the right of retention thereof by first mortgagee until fully paid. (2) A title insurance commitment issued by a Florida licensed title insurer agreeing to issue Buyer, upon recording of the deed to Buyer, an owner's policy of title insurance in the amount of the purchase price, insuring Buyer's title to the real property, subject only to liens, encumbrances, exceptions or qualifications provided in this Contract and those to be discharged by Seller at or before closing. Seller shall convey marketable title subject only to liens, encumbrances, exceptions or qualifications provided in this Contract. Marketable title shall be determined according to applicable Title Standards adopted by authority of The Florida Bar and in accordance with law. Buyer shall have 5 days from date of receiving evidence of title to examine it. If title is found defective, Buyer shall within said 5 days notify Seller in writing specifying the defect(s). If defect(s) render title unmarketable, Seller will have 30 days from receipt of notice to remove the defects, failing which Buyer shall, within five (5) days after expiration of the thirty (30) day period, deliver written notice to Seller either: (1) extending the time for a reasonable period not to exceed 120 days within which Seller shall use diligent effort to remove the defects; or (2) requesting a refund of deposit(s) paid which shall be immediately returned to Buyer. If Buyer fails to so notify Seller, Buyer shall be deemed to have accepted the title as it then is. Seller shall, if title is found unmarketable, use diligent effort to correct defect(s) within the time provided therefor. If Seller is unable to timely correct the defects, Buyer shall either waive the defects, or receive a refund of deposit(s), thereby releasing Buyer and Seller from all further obligations under this Contract. If evidence of title is delivered to Buyer less than 5 days prior to closing, Buyer may extend closing date so that Buyer shall have up to 5 days from date of receipt of evidence of title to examine same in accordance with this Standard. PURCHASE MONEY MORTGAGE; SECURITY AGREEMENT TO SELLER: A purchase

money mortgage and mortgage note to Seller shall provide for a 30-day grace period in the event of default if a first mortgage and a 15-day grace period if a second or lesser mortgage; shall provide for right of prepayment in whole or in part without penalty; shall permit acceleration in event of transfer of the real property; shall require all prior liens and encumbrances to be kept in good standing and forbid modifications of or future advances under prior mortgage(s); shall require Buyer to maintain policies of insurance containing a standard mortgage clause covering all improvements located on the real property against fire and all perils included within the term "extended coverage endorsements" and such other risks and perils as Seller may reasonably require, in an amount equal to their highest insurable value; and the mortgage, note and security agreement shall be otherwise in form and content required by Seller; but Seller may only require clauses and coverage customarily found in mortgages, mortgage notes and security agreements generally utilized by savings and loan institutions or state or national banks located in the county wherein the real property is located. All personal property and leases being conveyed or assigned will, at Seller's option, be subject to the lien of a security agreement evidenced by recorded financing statements. If a balloon mortgage, the final payment will exceed the periodic payments thereon.

Signed, Sealed and Delivered in the Presence of:

(witnesses as to Tenant)

1st Witness Signature

Printed Name: CHAPLES W. WFST on

2nd Witness Signature

Printed Name: One Som

HOLLY HILL FUNERAL HOME, LLC (Tenant)

By:

Its:

Date: 295910,2010

He

- k. EXPENSES: Documentary stamps on the deed and recording of corrective instruments shall be paid by Seller. Documentary stamps and intangible tax on the purchase money mortgage and any mortgage assumed, mortgage etitle insurance commitment with related fees, and recording of purchase money mortgage to Seller, deed and financing statements shall be paid by Buyer. Unless otherwise provided by law or rider to this Contract, charges for the following related title services, namely title or abstract charge, title examination, and settlement and closing fee, shall be paid by the party responsible for furnishing the title evidence in accordance with Paragraph V.
- PRORATIONS; CREDITS: Taxes, assessments, rent, interest, insurance and other expenses of the L. Property shall be prorated through to the date of closing. Buyer shall have the option of taking over existing policies of insurance, if assumable, in which event premiums shall be prorated. Cash at closing shall be increased or decreased as may be required by prorations to be made through day prior to closing, or occupancy, if occupancy occurs before closing. Advance rent and security deposits will be credited to Buyer. Escrow deposits held by mortgagee will be credited to Seller. Taxes shall be prorated based on the current year's tax with due allowance made for maximum allowable discount, homestead and other exemptions. If closing occurs at a date when the current year's millage is not fixed and current year's assessment is available, taxes will be prorated based upon such assessment and the prior year's millage. If current year's assessment is not available, then taxes will be prorated on prior year's tax. If there are completed improvements on the real property by January 1st of year of closing, which improvements were not in existence on January 1st of prior year, then taxes shall be prorated based upon prior year's millage and at an equitable assessment to be agreed upon between the parties; failing which, request shall be made to the County Property Appraiser for an informal assessment taking into account available exemptions. A tax proration based on an estimate shall, at request of either party, be readjusted upon receipt of tax bill on condition that a statement to that effect is signed at closing.
- M. SPECIAL ASSESSMENT LIENS: Certified, confirmed and ratified special assessment liens as of date of closing (not as of Effective Date) are to be paid by Seller. Pending liens as of date of closing shall be assumed by Buyer. If the improvement has been substantially completed as of Effective Date, any pending lien shall be considered certified, confirmed or ratified and Seller shall, at closing, be charged an amount equal to the last estimate or assessment for the improvement by the public body.

This Instrument Prepared by: DERRICK BENNETT, ESQ.
ATTORNEY AT LAW
P.O. Box 2422
Panama City, Florida 32402
(850) 588-8909

ASSIGNMENT OF LEASE

THIS ASSIGNMENT, made and entered into this 15th day of July, 2014 by and between Holly Hill Funeral Home, LLC, whose address is 2775 Garrison Ave Port St. Joe, FL 32456, hereinafter referred to as "Assignor"; Holly Hill Funeral Home, LLC, whose address is 2775 Garrison Ave, hereinafter referred to as "Assignee"; and City of Port St. Joe, a Florida municipal corporation whose address is P.O. Box 278 Port St. Joe, FL 32457 hereinafter referred to "Landlord".

WITNESSETH:

WHEREAS, Assignor and Landlord executed that certain Lease Agreement dated September 24, 2010, for that certain commercial land and improvements located at 2775 Garrison Ave, Port St. Joe Florida (herein "Lease");

WHEREAS, Assignor and Assignee have entered into that certain Contract with an Effective Date of July 15, 2014, for the purchase and sale of the assets of the business located on at the property described in the Lease Agreement;

WHEREAS, in conjunction with the closing of said Contract, Assignors agree to assign to Assignee all Assignor's right in and into the Lease;

WHEREAS, pursuant to terms of said Lease Agreement, the consent of Landlord is required to any assignment of said Lease; and

warrants and represents all rents and expenses, delinquent or otherwise, have been paid in full to Landlord, which are presently due and owing under the terms of the Lease Agreement between the parties and Assignor does hereby transfer, assign, and convey unto Assignee herein, all of its right, title and interest in and to said above described Lease.

- 2. Landlord affirms that Assignor is not in default under the terms of the Lease, and no matter exists which, with the giving of notice or the passage of time or both, would result in or constitute a default on the part of Assignor under the terms of the Lease. As of the date of this Agreement all payments required to be made to Landlord under the terms of the Lease have been made.
- 3. Landlord does hereby consent to the Assignment of the Lease Agreement from Assignor to Assignee, which shall consent and authorization shall include but not be limited to the right to exercise the Option to Purchase the property as specified in the Lease.
- 4. Each party warrants and covenants to the other that the persons executing this Assignment are acting with the requisite authority to bind the Assignor and Assignee, respectively. This Assignment shall be binding upon and inure to the benefit of the Assignor and Assignee, and their respective successors and assigns.
- 5. As related to the Lease, Assignee does not assume any liability for the acts or omissions of landlord occurring prior to the Date of Closing of the Contract, July 15, 2014. All obligations and liabilities of the Landlord under the Lease for acts and omissions occurring July 15, 2014, and thereafter shall be assumed by the Assignee.

Signed, sealed and delivered in the presence of:	ASSIGNOR: Holly Hill Funeral Home, LLC
Witness as to Assignee John B. May PRINT WITNESS NAME Carol A. Hamm PRINT WITNESS NAME	NAME: Down Colenn Its: Manager
State D. Southerland Witness as to Assignee Clary D. Southerland PRINT WITNESS NAME Witness as to Assignee LAROI A- Hamm PRINT WITNESS NAME	BY: Macheriste, Inc NAME: SUZANUE S. MAY Its: 11 P
	LANDLORD: City of Port St. Joe
Witness as to Landlord	BY:
PRINT WITNESS NAME	Its:
Witness as to Landlord	

STATE OF FLORIDA COUNTY OF GULF

COUNTY OF GULF	
The foregoing instrument was day of July, 2014, by Non G/R corporation, on behalf of the corporation or has produced a identification.	acknowledged before me this 15 th nn of Holly Hill Pune of Home 2000 poration. He/she is personally Driver's License, as
	NOTARY PUBLIC:
	Print: Stace D Southerland Sign: Mary D. Southerland State of Florida At Large Seal My Commission Expires: Commission #
STATE OF FLORIDA COUNTY OF GULF	STACEY D. SOUTHERLAND Commission # FF 107938 Expires March 31, 2018 Bonded Thru Troy Fain Insurance 800-385-7019
The foregoing instrument was day of July, 2014, by Suzanne S. W. Florida corporation, on behalf personally known to me has produce as identification.	of the corporation. He/she is
	NOTARY PUBLIC:
	Print: Storey D. Southerland Sign: State of Florida At Large Seal My Commission Expires: Commission #:
STATE OF FLORIDA COUNTY OF GULF	STACEY D. SOUTHERLAND Commission # FF 107938 Expires March 31, 2018 Bonded Thru Troy Fain Insurance 800-385-7019
day of July, 2014, by	acknowledged before me this 15th of City of St. Joe a behalf of the corporation. City of me/has produced a it. Jo
	NOTARY PUBLIC:
	Print: Sign: State of Florida At Large Seal My Commission Expires: Commission #:

Loan No: 28630994-59483

LANDLORD'S RELEASE (Continued)

Page 2

BORROWER AND LANDLORD ACKNOWLEDGE HAVING READ ALL THE PROVISIONS OF THIS LANDLORD'S RELEASE, AND BORROWER AND LANDLORD AGREE TO ITS TERMS. THIS AGREEMENT IS DATED JULY 15, 2014.

BORROWER:		
MACHRISTE, INC. DBA SOUTHERLAND FAMILY FUNERAL HOME		
By: Suzanne S. Way, Vice President of Machriste, Inc. dba Southerland Family Funeral Home		
ATTEST:		
Mary Suc Southerland Secretary or Assistant Secretary	(Corporate Seal)	
ANDLORD:	LENDER:	
CITY OF PORT ST. JOE	TRUSTMARK NATIONAL BANK	
3y:	x Sanato M Miles	
Authorized Signer for City of Port St. Joe	Authorized Officer	
By:		
Authorized Signer for City of Port St. Joe		
Signed, acknowledged and delivered in the presence of:		
(
Witness		
(
With		

LASER PRO Lending, Ver. 13.4.0.034 Copr. Harland Financial Solutions, Inc. 1997, 2014. All Rights Reserved. - PL E: HFSICFRLPLIE45.FC TR-141667 PR-167



LANDLORD'S RELEASE

Principal	Loan Date	Maturity	Loan No	C-11 / O-11 T			
	07-15-2014		28630994-59483	Call / Coll	Account	Officer	Initials
References in the		01 13 2013	20030994-59483			1478	

References in the boxes above are for Lender's use only and do not limit the applicability of this document to any particular loan or item.

Any item above containing "***" has been omitted due to text length limitations.

Borrower:

Machriste, Inc. dba Southerland Family Funeral

Home 100 E. 19th Street Panama City, FL 32405 Lender:

Trustmark National Bank Bay County Main Office 509 Harrison Avenue Panama City, FL 32401

THIS LANDLORD'S RELEASE is entered into among Machriste, Inc. dba Southerland Family Funeral Home ("Borrower"), whose address is 100 E. 19th Street, Panama City, FL 32405; Trustmark National Bank ("Lender"), whose address is Bay County Main Office, 509 Harrison Avenue, have entered into, or are about to enter into, an agreement whereby Lender has acquired or will acquire a security interest or other interest in the Collateral. Some or all of the Collateral may be affixed or otherwise become located on the Premises. To induce Lender to extend the Loan Borrower against such security interest in the Collateral and for other valuable consideration, Landlord hereby agrees with Lender and Borrower as follows.

COLLATERAL DESCRIPTION. The word "Collateral" means certain of Borrower's personal property in which Lender has acquired or will acquire a security interest, including without limitation the following specific property:

All equipment, furniture and fixtures

DISCLAIMER OF INTEREST. Landlord hereby consents to Lender's security interest (or other interest) in the Collateral and disclaims all interests, liens and claims which Landlord now has or may hereafter acquire in the Collateral. Landlord agrees that any lien or claim it may now have or may hereafter have in the Collateral will be subject at all times to Lender's security interest (or other present or future interest) in the Collateral and will be subject to the rights granted by Landlord to Lender in this Agreement.

ENTRY ONTO PREMISES. Landlord and Borrower grant to Lender the right to enter upon the Premises for the purpose of removing the Collateral from the Premises or conducting sales of the Collateral on the Premises. The rights granted to Lender in this Agreement will continue until a reasonable time after Lender receives notice in writing from Landlord that Borrower no longer is in lawful possession of the Premises. If Lender enters onto the Premises and removes the Collateral, Lender agrees with Landlord not to remove any Collateral in such a way that the Premises are damaged, without either repairing any such damage or reimbursing Landlord for the cost of repair.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Agreement: This Agreement shall extend to and bind the respective heirs, personal representatives, successors and assigns of the parties to this Agreement. The covenants of Borrower and Landlord respecting subordination of the claim or claims of Landlord in favor of Lender shall extend to, include, and be enforceable by any Agreement in writing or otherwise to make it effective. This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. If Landlord is other than an individual, any agent or other person executing this Agreement on behalf of Landlord represents to have waived any rights under this Agreement unless such waiver is in writing and signed by Lender. Without notice to Landlord and without affecting the validity of this Consent, Lender may do or not do anything it deems appropriate or necessary with respect to the Loan, any obligors indebtedness.

AMENDMENTS. This Agreement, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Agreement. No alteration of or amendment to this Agreement shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

NO WAIVER BY LENDER. Lender shall not be deemed to have waived any rights under this Agreement unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Agreement shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Agreement. No prior waiver by Lender, nor any course of dealing between Lender and Landlord, shall constitute a waiver of any of Lender's rights or of any of Landlord's obligations as to any future transactions. Whenever the consent of Lender is required under this Agreement, the granting of such consent by Lender in any instance shall not constitute discretion of Lender.

SEVERABILITY. If a court of competent jurisdiction finds any provision of this Agreement to be illegal, invalid, or unenforceable as to any offending shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Agreement. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Agreement shall not affect the legality, validity or enforceability of any other provision of this Agreement.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Agreement. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Agreement shall have the meanings attributed to such terms in the Uniform Commercial Code:

Agreement. The word "Agreement" means this Landlord's Release, as this Landlord's Release may be amended or modified from time to time, together with all exhibits and schedules attached to this Landlord's Release from time to time.

Borrower. The word "Borrower" means Machriste, Inc. dba Southerland Family Funeral Home and includes all co-signers and co-makers signing the Note and all their successors and assigns.

Collateral. The word "Collateral" means all of Borrower's right, title and interest in and to all the Collateral as described in the Collateral Description section of this Agreement.

Landlord. The word "Landlord" means City of Port St. Joe, and is used for convenience purposes only. Landlord's interest in the Premises may be that of a fee owner, lessor, sublessor or lienholder, or that of any other holder of an interest in the Premises which may be, or may become, prior to the interest of Lender.

Lender. The word "Lender" means Trustmark National Bank, its successors and assigns.

Loan. The word "Loan" means any and all loans and financial accommodations from Lender to Borrower whether now or hereafter existing, and however evidenced.

Note. The word "Note" means the Note dated July 15, 2014 and executed by Machriste, Inc. dba Southerland Family Funeral Home in the principal amount of \$70,000.00, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the note or credit agreement.

Premises. The word "Premises" means the real property located in Gulf County, State of Florida, commonly known as 2775 Garrison Ave., Port St. Joe, FL 32457.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Loan.

Holly Hill Funeral Home

7 July 2014

2775 Garrison Ave.

Port St. Joe, FL 32456

The following list of items will remain with building at the time of sale

- 18 Church Pews
- 12 Folding chairs
- 1 Sound system
- 1 Disc player
- 1 Amplifier
- 2 Microphones
- 1 Table
- 1 Lamp
- 1 Picture
- 16 Ceiling lights
- 1 Podium
- 2 Pole lamps
- 2 Bier (casket stand)
- 1 Desk
- 1 Office Chair
- 2 Side Chairs
- 1 Table lamp
- 2 Double Casket display stands
- 1 Outside bench
- 1 Outside fountain

Rathroom fixtures. Register stand, hallway mirror

PONSTENN

1. TV. + DV Player in Chapel &___

Zimbra

tkent@psj.fl.gov

From : <No Address> Wed, Dec 31, 1969 07:00 PM

Subject: < No Subject >

Ms Kent,

We would like to inquire into using a city building once a week for 6 weeks for approximately an hour each of those days. The purpose is to hold a smoking cessation class with Gulf County residents interested in quitting their tobacco use. We have not selected beginning date or day as yet. We would prefer to coordinate with the city's calendar first. After dates are secured, we would advertise on the local television station(s) and The Star.

Disability Resource Center is a non-profit organization and the central panhandle's regional center for independent living center for 8 counties including Gulf County. We offer many services to disabled residents including free amplified phones for hard of hearing and deaf persons; a "loan locker" for items such as wheelchairs, walkers, canes, transfer benches and other equipment that insurance sometimes does not cover; advocacy for the rights of the disabled; independent living skills training; and information and referral. For more information on our programs, please visit our website: www.drcpc.org<http://www.drcpc.org>

We are aware that the city has in the past allowed activities such as these that benefit the community to have the use of appropriate city buildings free of charge. We are hoping this is still the case. While the Centennial Building is quite nice, we believe it would be too big for our purposes. It is hoped that the city fire station would be available for our classes.

We look forward to working with you on this matter.

Sincerely,

Carol Davis and Jerome Brundage

Natasha Oquendo Flow of the Spirit International Ministries/NOW P.O. Box 37143 Panama City, FL 32412 June 29, 2014

The City of Port St. Joe 305 Cecil G. Costin, Sr. Blvd. Port St. Joe, FL 32457

Dear City Commissioners:

My name is Natasha Oquendo and we are looking to host a City Wide Prayer Crusade for the community called Operation Save Our Generation: The Shift on Saturday, September 13, 2014 at 3:00 p.m at the Centennial Building. We are a non-profit organization desiring to gather the community, churches, businesses, and governing authorities for a time of prayer, declaration, and worship to release peace and prosperity in Gulf County. We humbly request that facility rental fees be waived for the community event.

Thank you kindly for considering our request. We appreciate your time.

Sincerely,

Natasha Oquendo

Flow of the Spirit International Ministries

Natasha Oquendo netWORK

00892



Consumer's Certificate of Exemption

DR-14 R. 04/05 03/19/11

Issued Pursuant to Chapter 212, Florida Statutes

85-8015591615C-4	02/16/2011	02/29/2016	SOFICIAL OPERANIZATION
Contilliants Abundan	Effective Date	Evniration Date	Fremplen Caladiay

This certifies that

FLOW OF THE SPIRIT INTERNATIONAL MINISTRIES INC 168 N COMET AVE APT D1 PANAMA CITY FL 32404-7544

is exempt from the payment of Florida sales and use tax on real property rented, transient rental property rented, transient rental property purchased or rented, or services purchased.



Important Information for Exempt Organizations

DR-14 R. 04/05

- You must provide all vendors and suppliers with an exemption certificate before making tax-exempt purchases.
 See Rule 12A-1,038, Florida Administrative Code (FAC).
- Your Consumer's Certificate of Exemption is to be used solely by your organization for your organization's customary nonprofit activities.
- Purchases made by an individual on behalf of the organization are taxable, even if the individual will be reimbursed by the organization.
- 4. This examption applies only to purchases your organization makes. The sale or lease to others by your organization of tangible personal property, sleeping accommodations or other real property is taxable. Your organization must register, and collect and remit sales and use tax on such taxable transactions. Note: Churches are exempt from this requirement except when they are the lessor of real property (Rule 12A-1.070, FAC).
- 5. It is a criminal offense to fraudulently present this certificate to evade the payment of sales tax. Under no circumstances should this certificate be used for the personal benefit of any individual. Violators will be liable for payment of the sales tax plus a penalty of 200% of the tax, and may be subject to conviction of a third degree felony. Any violation will necessitate the revocation of this certificate.
- If you have questions regarding your exemption certificate, please contact the Exemption Unit of Central Registration at 850-487-4130. The mailing address is PO BOX 6480, Tallahassee, FL 32314-6480.

AGREEMENT FOR TEMPORARY USE OF CENTENNIAL BUILDING CITY OF PORT ST. JOE, FLORIDA

1	ME OF INDIVIDUAL OR ORGANIZATION ENTERING AGREEMENT (HEREIN KNOWN AS USER:)
6	Matasha Churndo
,	ADDRESS: 318 Cardiff Court
-	Hanama City FL 32404
T	ELEPHONE 850 257 - 6560 DATE(S) REQUESTED Sat. Sept. 13,2014
T	YPE OF ACTIVITY City County WIDE Prayer Crusade
	consideration of the mutual covenants and conditions contained herein, the Board of City Commissioners of the City of rt St. Joe, Florida, a municipal corporation (herein known as "City"), agrees to make available the Centennial Building to er on the date(s) set forth above.
All of t	"Users" be advised that the Board of City Commission does not rent this facility to organizations for extended periods ime. Rentals are on a <u>temporary basis</u> only, and Users are urged to make other arrangements as soon as possible.
1.]	The City shall:
	Furnish light, heat, and water by means of appliances installed for ordinary purposes, but for no other purposes. Interruptions, delays, or failure to furnish any of the same, caused by anything beyond the control of the City Commissioners, shall not be charged to the City of Port St. Joe.
B.	Not be responsible for any damage, accidents, or injury that may happen to the User or his agents, servants, employees, spectators, or any and all other participants and/or property from any cause whatsoever, arising out of or resulting from the above described activity during the period covered by this agreement.
C.	Reserve the right, in the exercise of its discretion, to rescind and cancel this agreement at any time when the purpose or purposes for which the premises herein described are being used and intended to be used, shall be obnoxious or inimical to the best interest of the City; anything herein contained notwithstanding.
D.	The activities of the City have first priority and the City reserves the right to alter this schedule by notifying the renting party 48 hours prior to a scheduled event.
2.	The User shall:
A.	Take the premises as they are found at the time of occupying by the User.
В.	Remove from the premises within twenty-four (24) hours following the conclusion of the contracted activity all equipment and material owned by the User. The City assumes no liability for the User's equipment and material.
C.	Not re-assign this agreement or sublet the premises or any part thereof or use said premises or any part thereof for any purpose other than that herein specified, without written consent of the City.
	Indemnify the City and hold it harmless from any liability, including court costs and attorney's fees which result from any of the activities which occur on the property during the term of this Agreement.

2.

A.

B.

C.

Company Letterhead

This is merely a sample, but please add your own words or change it altogether, as long as it includes how you plan to support the program in bullet form which is easier(if you prefer) and the in-kind valuation of your support. One page is sufficient unless you want to make it longer.

Date.

,					
To whom it may concern,					
Your agency 2014-2015 21 st Century Learning Center Grant application St. Joe Community Youth Initiative. We look forward to s in providing	submitted by The North Port				
By working together with The North Port St. Joe Community Youth Initiative we can reach more families and youth who are in need of service in our county. We are willing to collaborate as needed on this project to					
To that end, the					

- Assist with identifying areas of concern and need for improvement in literacy of children and families in Gulf County
- Designate one afternoon per month as "Library Visitation Day" for NPSJ C Initiative students
- Host an annual "NPSJYI Family Day" at the library to encourage family memberships and family reading activities
- Develop programs and assign a staff person to conduct this program for families who attend the Family Day program..
- Provide an opportunity for the Executive Director of NPSJYI to get first viewing of children's books during our semi-annual book sales. Our library usually sells these for our own fund-raising but will donate up to 50 books to TCRC's library annually at an estimated value of \$100.
- To provide technical assistance to TCRC o help them improve and expand the library at the main facility and develop a new one at the Circle C Trailer Park site. (If TCRC had to hire someone to do this service for them it would cost a minimum of \$500.)

These in-kind contributions could be valued	at approximately \$_ <u>Valuation amount</u>
Your agency for our youth and their families. We believe resources needed to accomplish these goals members work together. This memorandum	
Sincerely	
Name and Title	

CITY OF PORT ST. JOE

RFP #2014-04 Sewer Grinder Pump Stations

July 28, 2014

3:02 pm

BID TABULATION SHEET FOR BIDS RECEIVED BY THE CITY OF PORT ST. JOE

1. Gilbor Tong 2. Pomp i Tavcoss 3. Wallaco Pomp i Supply 4. S.		BIDDER	TOTAL BASE BID
2. Promy i Pavcoss 3. Wallaco Pomp i Supply 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21.		Gilbon Pomp	
3.		Pump : Paucoss	\$2350.º / 2350.º
4. 5. 5. 6. 7. 8. 9. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21.		Wallace Pump & Supply	\$2748.0/33016.00
6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 19. 20. 21. 19. 20. 21.			
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NOTICE TO RECEIVE SEALED BIDS RFP - 2014-04 CITY OF PORT ST. JOE SEWER GRINDER PUMP STATIONS JULY 2014

This project includes supplying grinder pumps stations for the City's low pressure sewage system. The grinder stations will be purchased by the City for a set per unit price in <u>multiples of 5</u>.

Contract Documents and Specifications can be obtained at City Hall, 305 Cecil G. Costin Sr. Blvd., Port St. Joe, Florida 32456, (850)229-8261 or by visiting the City's web site at www.cityofportstjoe.com. The bid must conform to Section 287.133(3) Florida Statutes, on public entity crimes.

Bids will be received until 3:00 p.m. Eastern Time, on July 28, 2014 at City of Port St. Joe, City Hall, 305 Cecil G. Costin Sr. Blvd., Port St. Joe, Florida 32456 and will be opened and read publicly immediately thereafter. All bids shall be submitted in an envelope clearly marked "Sealed Bid – City of Port St. Joe – Sewer Grinder Pump Stations July 2014". The City of Port St. Joe reserves the right to reject any and all bids. All bids shall be firm for a period of 60 days after opening.

Advertisement Dates: July 10, 2014 and July 17, 2014

INFORMATION FOR BIDDERS

Bids will be received by the <u>City of Port St. Joe</u> (herein called the "Owner"), at 305 Cecil G. Costin Sr. Blvd., Port St. Joe, Florida 32456 until <u>3:00 p.m. Eastern</u> Standard Time, <u>July 28, 2014</u> then opened and read publicly immediately thereafter.

Each bidder is to submit the cost associated with supplying the city with grinder pump stations over the next three years. These pumps will be ordered in multiples of five but the City reserves the right to purchase singularly should the need arise. The cost submitted shall be a per complete grinder pump station cost and shall not increase for a one year period from the date of Contract execution and may not increase more than 2.5% each additional year for the remainder of the Agreement. Two different system conditions must be met. The system conditions are listed below:

- 1. Grinder pump station capable of producing a minimum flow of 10 gpm @ 90 feet TDH.
- 2. Grinder pump station capable of producing a minimum flow of 7 gpm @ 180 feet TDH.

Pump curves and specification sheets for pumps, control panel and level detection device must be submitted along with the bid. In addition to these items shop drawings and photos of the assembled grinder pump being bid must be submitted. A bid received without this information will be considered an incomplete bid.

Each bid must be submitted in a sealed envelope addressed to <u>City of Port St. Joe City Hall, 305 Cecil G. Costin Sr. Blvd.</u>, <u>Port St. Joe</u>, <u>Florida 32456</u>. Each sealed envelope containing a BID must be clearly marked on the outside as BID for <u>CITY OF PORT ST. JOE – SEWER GRINDER PUMP STATIONS – JULY 2014</u> and the envelope should bear on the outside the BIDDER'S name and address. If forwarded by mail, the sealed envelope containing the BID must be enclosed in another envelope addressed to the OWNER and properly marked.

All BIDS must be made on the required BID form. All blank spaces for BID prices must be filled in, in ink or typewritten, and the BID form must be fully completed and executed when submitted. <u>Two original BID forms are required</u>.

The OWNER may waive any informalities or minor defects or reject any and all BIDS. Any BID may be withdrawn prior to the above scheduled time for the opening of BIDS or authorized postponement thereof. Any BID received after the time and date specified shall not be considered, no exceptions. No BIDDER may withdraw a BID within 60 days after the actual date of opening thereof. Should there be reasons why the contract cannot be awarded within the specified period the time may be extended by mutual agreement between the OWNER and the BIDDER.

BIDDERS shall review the drawings and specifications including any ADDENDA. After BIDS have been submitted, the BIDDER shall not assert that there was misunderstanding concerning the quantities of WORK or of the nature of the WORK to be done.

If necessary the City will issue ADDENDA to the Contract Documents. The BIDDER shall submit all questions in writing to the City by 5:00 p.m. Eastern Time on July 21, 2014 to allow the City to issue addenda in a timely manner before the BID date.

The CONTRACT DOCUMENTS contain the provisions required for this BID. Information obtained from an officer, agent or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the BIDDER or relieve the BIDDER from fulfilling any conditions of the contract.

The OWNER may make such investigations as deemed necessary to determine the ability of each BIDDER to perform the WORK, and the BIDDER shall furnish to the OWNER all such information and data for this purpose as the OWNER may request. The OWNER reserves the right to reject any BID if the evidence submitted by, or investigation of, such BIDDER fails to satisfy the OWNER that such BIDDER is properly qualified to carry out the obligations of the AGREEMENT and to complete the WORK contemplated therein.

A conditional BID will not be accepted.

Award will be made to the most qualified responsible Base BIDDER, as determined by the OWNER. Bids will be evaluated on cost, product quality, maintenance requirements, product delivery time, warranty, and customer service.

All applicable laws, ordinances and rules and regulations of all authorities having jurisdiction over this BID shall apply to the contract throughout.

Each BIDDER is responsible for reading and being thoroughly familiar with the CONTRACT DOCUMENTS and SPECIFICATIONS. The failure or omission of any BIDDER to do any of the foregoing shall in no way relieve any BIDDER from any obligation in respect to its BID.

Any questions regarding this bid should be directed to John Grantland, Public Works Director City of Port St. Joe at (850)229-8247 or jgrantland@psj.fl.gov.

This proposal of
(hereinafter called "BIDDER"), organized and existing under the laws of the State of
doing business as ("a corporation", "a partnership" or
"an individual") hereby submitted to City of Port St. Joe (hereinafter called "OWNER")
In compliance with you Advertisement for Bids, BIDDER hereby proposes to supply all parts and
materials as described in the City of Port St. Joe – Sewer Grinder Pump Stations – July 2014 in strict
accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated
below.
By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto
certifies as to its own organization, that this BID has been arrived at independently, without
consultation, communication or agreement as to any matter relating to this BID with and other BIDDER
or with any competitor.
BIDDER hereby agrees to provide the grinder pumps at Bid Schedule Prices from the date to be specified
in the Agreement and continue to do so for a period of three years thereafter in accordance with the executed Agreement.
BIDDER acknowledges receipt of the following ADDENDUM
Addendum No
Addendum No.
Addendum NoAddendum No

BID SCHEDULE

This is a lump sum bid. It is the Contractor's responsibility to carefully review the specifications and to visit the project to determine what is needed to do the whole project, and to reflect this in the LUMP SUM BID.

1. Grinder Pump Station (10 GPM @ 90' TDH)	\$	/each
Model Number	_	
Brand/ Manufacturer	-	
Manufacture Warranty		
Product Delivery Time	_	
2. Grinder Pump Station (7 GPM @ 180' TDH)	\$	/each
Model Number	_	
Brand/ Manufacturer		
Manufacture Warranty		
Product Delivery Time	_	
All prices shall NOT include taxes.		
Respectfully Submitted:		
Signature		Company Name
Title		Address
,		
Date	,	Phone Number
SEAL:		
(If Bid by Corporation)		

AGREEMENT

THIS AGREEMENT, made this ______ day of ______, 2014, by and between, CITY OF PORT

ST. JOE	E hereinafter called "OWNER" and	doing business as
	, hereinafter called "Co	ONTRACTOR". WITNESSETH: That for and
in cons	sideration of the payments and agreements herein after	mentioned:
1.	The CONTRACTOR will supply the items required by the needed basis within 30 calendar days after the date of continue to supply them on an as needed basis for the thereafter.	the NOTICE TO PROCEED and will
2.	The CONTRACTOR agrees to perform all of the work de and comply with the terms therein for the sums as liste	
	A. Grinder Pump Station (10 GPM @ 90' TDH)B. Grinder Pump Station (7 GPM @ 180' TDH)	\$/each \$/each
3.	The term "CONTRACT DOCUMENTS" means and include	es the following:
	 (A) ADVERTISEMENT FOR BIDS (B) INFORMATION FOR BIDDERS (C) BID (D) AGREEMENT (E) NOTICE OF AWARD (F) MEASUREMENT AND PAYMENT (G) LOW PRESSURE GRINDER PUMP STATION 	
4.	The OWNER will pay to the CONTRACTOR in the manne City's purchasing policies.	r that is standard policy in regards to the
5.	This Agreement shall be binding upon all parties hereto administrators, successors and assigns. This Agreement pricing guaranteed for one year from the date of Contr	shall be for a three year period with

increase each additional year for the remainder of the Agreement and may be extended by mutual agreement for one year periods with regards to price changes that may occur or re-bid

in its entirety.

IN WITNESS WHEREOF, the parties hereto have executed or caused to be executed by their duly authorized official, this Agreement in <u>two (2)</u> copies each of which shall be deemed an original on the date first written above.		
(SEAL)	OWNER:	
ATTEST:	CITY OF PORT ST. JOE	
BY(Signature)	BY(Signature)	
NAME(Please Type)	NAME Melvin C, Magidson, Jr.	
TITLE	TITLE Mayor	
APPROVED AS TO FORM AND CORRECTNESS	Thomas Gibson TITLE: <u>City Attorney, City of Port St. Joe</u>	
(SEAL)	CONTRACTOR:	
ATTEST:		
BY(Signature)	BY(Signature)	
NAME(Please Type)	NAME(Please Type)	
TITLE	ADDRESS:	
	Employer Identification Number	

NOTICE OF AWARD

То:	
PROJECT DESCRIPTION:	
CITY OF PORT ST. JOE – SEWER GRINDER PUMP STATIC	DNS - JULY 2014
The OWNER has considered the BID submitted by you for their invitation for you to bid.	or the above described WORK in response to
You are hereby notified that your Bid has been accepted	for the items listed below:
 Grinder Pump Station (10 GPM @ 90' TDH Grinder Pump Station (7 GPM @ 180' TDH 	(F) \$/each
(You are required by the Information for Bidders to exec shop drawings for approval.)	cute the Agreement and furnish the required
If you fail to execute said Agreement within ten (10) cal OWNER will be entitled to consider all your rights arise BID. The OWNER will be entitled to such other rights	ing out of the OWNER's acceptance of your
You must return an acknowledged copy of this Notice of	of Award to the OWNER.
Dated this day of, 20	
	City of Port St. Joe Owner
	By:
	Title: Mayor

ACCEPTANCE OF NOTICE

Receipt of the	above Notice of Awa	ard is hereby acknowledged
Ву		
This the	day of	, 20
Name		
Title		

MEASUREMENT AND PAYMENT

PART 1 - GENERAL

SCOPE OF WORK

The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these Specifications. Payment will be made based on the specified items included in the description in this section for each bid item.

GENERAL

All Contract Prices included in the Bid Proposal section will be full compensation for all labor, materials, tools, equipment and incidentals necessary to supply a package grinder pump station as specified in the Contract Documents to be supplied under this contract. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the specifications. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this project.

LUMP SUM ITEMS

Payment for these items shall be paid for on a lump sum basis, no separate payment will be made for any item of work required to supply the lump sum item. Lump sum bid items shall be complete, tested and fully operable prior to request for final payment. The lump sum price bid for various items shall be compensation in full for furnishing all materials, equipment, and incidentals necessary to install these items complete and operable in every detail and in accordance with Section 15700-Pressure Sewer Grinder Pump Stations. The installation shall be completed by a separate entity.

PART 2 - (NOT APPLICABLE)
PART 3 - EXECUTION

Bid Item 1 and 2 GRINDER PUMP STATION

The lump sum price for this item shall include all costs associated with providing the City with all parts necessary for a working low pressure grinder pump station as described in these specifications. The pump station shall be fully assembled to the extent possible before installation. Installation is not to be included in the unit cost. Installation will be performed by others. The unit cost provided in this contract shall be utilized to order grinder stations for a two year period.

1.01 DESCRIPTION

The manufacturer shall furnish complete pre-assembled and tested Grinder Pump Station(s), each consisting of pre-assembled basin package, alarm system, unitized level control system, grinder pump and all necessary appurtenances to form a complete package system. Grinder pump, control system and any other electrical devices shall be UL and CSA certified.

1.02 SHOP DRAWINGS AND MANUALS

Along with the bid, the manufacturer shall furnish the City a minimum of two (2) sets of shop drawings detailing the equipment to be furnished including dimensional data, pump curves, and materials of construction, two (2) copies of Operation and Maintenance Manuals, and two (2) sets of photos of the pre-assembled grinder station package.

1.03 ACCEPTABLE MANUFACTURER(S)

Acceptable grinder pump manufacture(s) are Barnes Pumps, Inc., Hydromatic Pumps, Inc., Liberty Pumps, Inc. or pre-approved equal. Acceptable grinder pump station package manufacture(s) are Custom Pump and Control Inc., Delta Process Equipment Inc., Pump and Process Equipment Inc., Gilbert Pump and Mechanical Inc., Wallace Pump and Supply Inc., or pre-approved equal.

1.04 PRE-APPROVAL OF MANUFACTURER

Any grinder pump manufacturer or grinder pump station package manufacturer not specified, but wishing to be pre-approved as an acceptable supplier shall submit a complete hydraulic analysis based on the design detailed in these specifications at least four days prior to bid date. All manufacturers must have been in the business of manufacturing complete grinder pump station packages for a minimum of five years. Manufacturer must demonstrate to the satisfaction of the City that the proposed pump equipment will meet system flows and heads required. In addition, pre-submittal must also demonstrate to the satisfaction of the City that the equipment being proposed meets or exceeds all performance and safety requirements, materials of construction, and user benefits of the specified equipment. Only pre-approved grinder pump station manufacturers will be considered. All bids utilizing manufacturers not pre-approved will be considered non-responsive.

1.05 WARRANTY

The manufacturer shall provide a warranty on materials and workmanship for a minimum period of twenty-four (24) months after installation with an option of a five (5) year warranty. The owner will return any equipment found to be defective to the manufacturer for inspection and validation of the defect. Defective equipment shall be repaired or replaced and shipped back to the City at no charge.

1.06 EQUIPMENT AND CORROSION PROTECTION

All equipment in the wet well shall be capable of constant submergence in sewage to a minimum depth of ten feet without electrical power being energized. The pump may be painted cast, all piping shall be 304, schedule 40 SST, the pitless adapter shall be SST, the basin may be either fiberglass with dimensions of 24" in diameter and 48" in depth with either a ¼" aluminum diamond plate hatch cover lid and gasket.

1.07 SAFETY

The grinder pump shall meet accepted standards for plumbing equipment for use in or near residences, shall be free from objectionable noise, odor, or health hazards, and shall have been tested by an independent laboratory to certify its capability to perform as specified in either individual or low pressure sewer system applications. The grinder pump station shall be free from electrical and fire hazards as required in a residential environment. It is preferred that the grinder pump and control system be by the same manufacturer and shall be UL and CSA certified.

2.0 GRINDER PUMP STATIONS

2.01 CONFIGURATION AND ASSEMBLY

Grinder Pump Stations shall be supplied in a wet well configuration completely assembled and ready to install. The basin package shall consist of a 24" diameter x pfiberglass wet well, a guide rail assembly for pump removal, 1.25" discharge piping and a mechanism for supporting level control device. Pumps, floats, and control panels may be supplied separately, but be must pre-assembled to the furthest degree possible. Additional pump station assembly time required prior to installation will be estimated by City of Port St. Joe and added to the bid.

2.02 WET WELL AND COVER

The pump station wet well shall be fiberglass reinforced polyester resin (FRP) with a minimum 2" ballast support flange. The wet well shall be furnished with one flexible inlet flange (shipped loose to facilitate field location) to accept a 4" SDR35 PVC pipe. Inlet location can vary to accommodate ease of installation. Wet well dimensions and capacities shall be as specified in the table below. The FRP wall laminate thickness shall vary with the wet well depth to provide the aggregate strength to meet the tensile and flexural physical property requirements. The wet well FRP wall laminate must be designed to withstand wall collapse or buckling based on a hydrostatic pressure of 62.4 pounds per square foot, a saturated soil weight of 120 pounds per cubic foot, a soil modulus of 700 pounds per square foot. Wet well must comply with the pipe stiffness values as specified in ASTM D 3753. The wet well laminate must be constructed to withstand or exceed 150% of the assumed loading on any depth. The finished FRP laminate will have a Barcol hardness of at least 90% of the resin manufacturer's specified hardness for the fully cured resin. The Barcol Hardness shall be the same for both interior and exterior surfaces.

Manufacturer must submit documentation including calculation and production certification that basin (s) on the project are in compliance with the above requirements.

TABLE 1: WETWELL DIMENSIONS

WET WELL DIAMETER	WET WELL DEPTH	WET WELL THICKNESS
(Inches)	(Inches)	(Inches)
24	48	.019 (minimum)

Wet well cover will be ¾" diamond plate aluminum with at minimum 20" access hatch with a SST slam lock and include a gasket in between it and the basin. Cover may be alternately fabricated out of ¾" HDPE in lieu of aluminum and all hardware shall be SST including the hatch hinge(s).

2.03 PUMP REMOVAL

The manufacturer shall provide a stainless steel rail system to allow the pump to be installed or removed without requiring personnel to enter the wet well. The rail system shall be permanently mounted to the basin, used to guide the pump into position and designed to support the pump approximately 4" from the bottom of the wet well. The pump should include a NEMA 6P electrical quick connect device.

2.04 DISCHARGE PIPING

All discharge piping shall be constructed of 300 series stainless steel and terminate outside the grinder pump station with a stainless steel 1.25 inch female NPT fitting. The wet well discharge flange shall be factory installed, warranted by the manufacturer to be water tight and constructed of bronze or stainless steel. The discharge piping must include an anti-siphon capability. All valves shall provide a full ported passageway when open. Gravity operated ball type check valves shall not be permitted.

2.05 LEVEL DETECTION

Level control shall be accomplished via a non-mercury float switch assembly and must include at minimum on/off and high level detection capabilities.

2.06 FACTORY WIRING

All electrical components such as the pump, control panel, and level controls shall be supplied prewired. No pump controls, level controls, junction boxes or wire splices shall be located in the basin of basin cover. All electrical wires located within the basin must be guaranteed to be water tight by the manufacturer. The grinder pump station shall include a single NEMA 6P electrical quick disconnect for all power and control functions. A minimum length of twenty (20') feet external direct burial electrical cable and control cables shall be supplied with the station ready to unroll and to connect to power source and control panel.

3.0 CENTRIFUGAL PUMPS

3.01 DESIGN

A centrifugal submersible grinder pump shall be designed to reduce all material found in normal domestic sewage, including plastic, rubber, sanitary napkins, and disposable diapers into a finely ground slurry. The resultant slurry is then pumped through small diameter piping, gravity interceptor, or treatment facility. The temperature limitation of the liquid being pumped is 140 °F continuous and shall be capable of running dry for extended periods of time.

Pump(s) shall be suitable for long term submergence in sewage. Grinder pump(s) shall be U.L. Listed to Standard 778 and CSA Listed to Standard 108.

3.02 OPERATING CONDITIONS AND PERFORMANCE

Each pump shall be rated to 2 H.P., 230 volts, single phase, 60 hertz, and 3450 RPM. Due to pressure differences on the forcemain by location there are two operating volumes that shall be met. The pumps have been separated by these volumes on the bid sheet purposely to allow separate costs if need be by potential bidders. The pump(s) shall produce at minimum 7 GPM @ 180' TDH and 10 GPM @ 90' TDH. In order to insure proper operation in all conditions, pumps must provide, without overheating in continuous operation, maximum head conditions required by the system. Pump must also be capable of operating at zero or negative heads without damage to the pump.

3.03 CONSTRUCTION

The single stage volute, seal plates and motor housing shall be constructed of high quality ASTM A-48 class 30 cast iron. The pump(s) shall be painted with air dry enamel of 2 mil minimum thickness. All external mating parts shall be machined and Buna N Rubber O-ring sealed. All exposed hardware shall be 300 series stainless steel. Discharge connection shall be a standard 1.25 inch NPT in the vertical position using a threaded bolt on discharge flange.

The pump impellers shall be of the recessed, vortex design. The impellers shall be of 85-5-5-5 bronze construction and machined such that the upper impeller is locked for positive rotation by a stainless steel positioning sleeve threaded to the shaft and the lower is machined for threading directly to the motor shaft. As an alternative the impeller could be constructed of a glass filled engineered thermoplastic with a permanently molded, hexagonally locked bronze insert. Impellers shall be dynamically balanced to ISO G6.3.

The pump shall be a two bearing design consisting of an upper angular contact ball bearing carrying the thrust loads, and lower angular contact ball bearing for the purpose of carrying the thrust loads and radial loads. Sleeve bearings for ball bearings will not be considered equal. Bearings shall operate in an oil bath atmosphere for superior life. Permanently lubricated bearings are not acceptable.

3.04 GRINDER

The grinder mechanism shall be specifically designed for use in a grinder pump. Garbage disposal cutting mechanisms are not acceptable. The mechanism shall consist of a radial cutter threaded and locked on the motor shaft by a washer in conjunction with a counter sunk flat head cap screw, and a matching shredding ring. Grinding shall be accomplished by a slicing action as opposed to a chopping action. Chopping-type cutter mechanisms will not be allowed. Grinder design shall be able to alternately engage cutters at start and shall exert a minimum cutting force of 30 pounds, thus eliminating the need for excessive motors. All grinding mechanism components, including both the shredding ring and radial cutter and its impeller (if required), shall be constructed of 440C stainless steel hardened to a minimum Rockwell C55 and shall be finish ground for a fine cutting edge.

The grinder shall be placed immediately below the pumping elements and shall be direct-driven by a single, one-piece, stainless steel motor shaft. The grinding assembly operates without objectionable noise or vibration over the entire range of recommended operating pressures. The grinder shall be constructed so as to eliminate clogging and jamming under all normal operating conditions including starting. In order to demonstrate adequate flow velocity and grinding capability, the grinder pump shall be capable of passing a series of stringy type solids (diapers, rags, feminine products, etc.) through the pump without roping or winding the material in or immediately below the pump suction. The grinding mechanism must be capable of handling reasonable amounts of grit, often found in domestic sewage systems.

3.05 ELECTRIC MOTOR

Single-phase motors shall be of the capacitor start, capacitor run design, 240 volt, and single phase, 2 HP. The motor shall meet the performance requirements of a NEMA L speed-torque curve. The motor shall be of 416 stainless steel. The motor shall be designed to be non-overloading throughout the entire pump curve. The motor shall be constructed with the open windings operating in a sealed housing, which contains clean dielectric oil for heat dissipation from the windings and for lubrication of the bearings, making it capable of operating in a totally, partially, or non-submerged condition for extended periods of time without damage due to heat being generated. Oil used must be able to be disposed of as non-hazardous waste. Air-filled motors shall not be acceptable. The rotor and stator assembly shall be of the standard frame design and secured to the pump seal plate by four threaded fasteners allowing for easy serviceability. Motor designs incorporating shrink or press fit assemblies between the stator and motor housing shall not be considered acceptable.

An automatically resetting, heat sensing thermal device that interrupts current flow if excessive temperature and/or current is detected shall provide protection against excessive temperature. Such device shall be a part of the U.L. Listing.

3.06 MECHANICAL SEAL

The pump shall be equipped with a minimum of one rotary mechanical seal to prevent leakage between the motor and pump. The materials of construction shall be silicon carbon for both the rotating face and for the stationary face or carbon and ceramic, lapped and polished to a tolerance of one light band, with 300 stainless steel hardware, with all elastomer parts of Buna-N.

3.07 MOISTURE DETECTION

Not Applicable

3.08 CLOSED VALVE PROTECTION

Not Applicable

3.09 TESTING

Each grinder pump shall be submerged, operated and tested for performance compliance to its respective curve. Testing process and periodic inspection of testing process shall be conducted and approved by U.L.

5.0 AUTOMATIC ALARM PANEL

5.01 General

A wall mounted alarm panel shall be supplied with each station. All alarm panels shall be UL Listed to meet Standard 508. Each panel shall be constructed with a padlock-able NEMA 4X fiberglass enclosure and utilize stainless steel hardware.

The alarm panel shall include as a minimum: pump and level control circuit breakers, ground lug, relays, visual and audible alarm with silence button mounted on the enclosure.

5.02 Simplex Control Panels

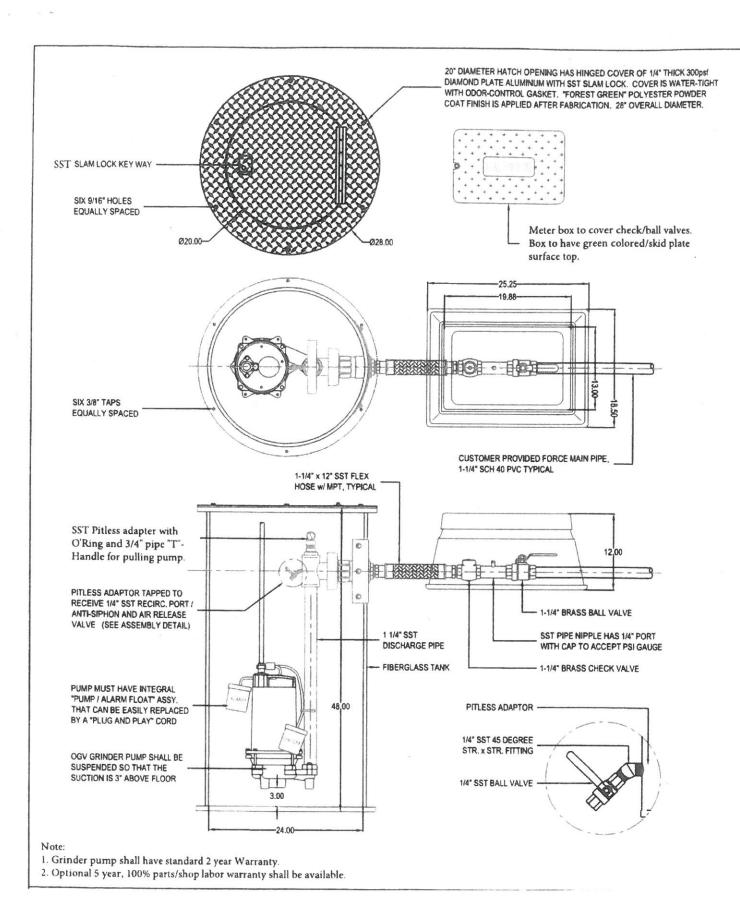
The control panel shall include as a minimum: circuit breakers, fuses, terminal strip, ground lug, capacitors when required, IEC rated motor starters, relays, alarm light and internal push to run button.

5.03 High Water Alarm Devices(s)

Each control panel shall include a visual and audible, with silence, high water alarm device. Alarm circuit shall be separately fused from motor control circuit. The visual alarm shall be a red fluted lens mounted to the top of the enclosure in such a manner as to maintain rain-proof integrity. The 90db audible device shall be capable of being de-activated by means of a NEMA 4X silence button mounted on the exterior of the enclosure. Visual alarm will remain on as long as a high water condition exists in the basin. Both visual and audio alarms will automatically reset when the high water condition subsides.

5.04 Moisture Sensor Indicator

Not Applicable



This proposal of Pump and Process Equipment Inc.
(hereinafter called "BIDDER"), organized and existing under the laws of the State of Florida
doing business as <u>a corporation</u> ("a corporation", "a partnership" or
"an individual") hereby submitted to City of Port St. Joe (hereinafter called "OWNER")
In compliance with you Advertisement for Bids, BIDDER hereby proposes to supply all parts and
materials as described in the City of Port St. Joe – Sewer Grinder Pump Stations – July 2014 in strict
accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated
below.
By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto
certifies as to its own organization, that this BID has been arrived at independently, without
consultation, communication or agreement as to any matter relating to this BID with and other BIDDER
or with any competitor.
BIDDER hereby agrees to provide the grinder pumps at Bid Schedule Prices from the date to be specified
in the Agreement and continue to do so for a period of three years thereafter in accordance with the executed Agreement.
BIDDER acknowledges receipt of the following ADDENDUM
Addendum No. None
Addendum No.
Addendum No.
Addendum No

BID SCHEDULE

This is a lump sum bid. It is the Contractor's responsibility to carefully review the specifications and to visit the project to determine what is needed to do the whole project, and to reflect this in the LUMP SUM BID.

1. Grinder Pump Station (10 GPM @ 90' TDH)	\$_2,350.00 /each
Model Number OGVH2022AUF	
Brand/ Manufacturer Barnes	
Manufacture Warranty 5 Year 100% P	arts and Labor at no additional cost
Product Delivery Time Orders of 5 un	nits or less, 2-3 days. Orders of greater than 5 units, 2 weeks.
2. Grinder Pump Station (7 GPM @ 180' TDH)	\$_2,350.00/each
Model Number OGP2022AUF	
Brand/ Manufacturer_Barnes	
Manufacture Warranty 5 Year 100% Pa	arts and Labor at no additional cost
Product Delivery Time Orders of 5 un	its or less, 2-3 days. Orders of greater than 5 units, 2 weeks.
All prices shall <u>NOT</u> include taxes. Respectfully Submitted:	Pump and Process Equipment Inc.
Signature	Company Name
Sales Engineer	3820 Hopkins Street, Pensacola, FL 32505
Title	Address
7/25/14	850/432-0334 or 850-432-5121
Date	Phone Number
	•
SEAL:	
(If Rid by Corporation)	

BID SCHEDULE

This is a lump sum bid. It is the Contractor's responsibility to carefully review the specifications and to visit the project to determine what is needed to do the whole project, and to reflect this in the LUMP SUM BID.

1. Grinder Pump Station (10 GPM @ 90' TDH)	\$_2,350.00 /each
Model Number OGVH2022AUF	-
Brand/ Manufacturer Barnes	_
Manufacture Warranty 5 Year 100% Parts	s and Labor at no additional cost
Product Delivery Time Orders of 5 units	or less, 2-3 days. Orders of greater than 5 units, 2 weeks.
2. Grinder Pump Station (7 GPM @ 180' TDH)	\$_2,350.00/each
Model Number OGP2022AUF	
Brand/ Manufacturer Barnes	•
Manufacture Warranty 5 Year 100% Parts	and Labor at no additional cost
Product Delivery Time Orders of 5 units	or less, 2-3 days. Orders of greater than 5 units, 2 weeks.
All prices shall NOT include taxes. Respectfully Submitted:	Pump and Process Equipment Inc.
Signature	Company Name
Sales Engineer	3820 Hopkins Street, Pensacola, FL 32505
Title	Address
7/25/14	850/432-0334 or 850-432-5121
Date	Phone Number
	·
SEAL:	
Of Bid by Corporation)	

AGREEMENT

THIS A	GREEMENT, made this o	day of, 20	14, by and between, CITY OF PORT
ST. JOE hereinafter called "OWNER" and Pump and Process Equipment Inc. doing business as			
			CTOR". WITNESSETH: That for and
	ideration of the payments and agr		
1.	The CONTRACTOR will supply the	items required by the CONTR	RACT DOCUMENTS on an as
	needed basis within 30 calendar days after the date of the NOTICE TO PROCEED and will		
continue to supply them on an as needed basis for the price stated in the bid for two years			
	thereafter.		
2.	The CONTRACTOR agrees to perfe	orm all of the work described	in the CONTRACT DOCUMENTS
and comply with the terms therein for the sums as listed below:			
	A. Grinder Pump Station (10 GPI	M @ 90' TDH)	\$ _2,350.00 /each
	B. Grinder Pump Station (7 GPM	l @ 180' TDH)	\$_2.350.00 /each

- 3. The term "CONTRACT DOCUMENTS" means and includes the following:
 - (A) ADVERTISEMENT FOR BIDS
 - (B) INFORMATION FOR BIDDERS
 - (C) BID
 - (D) AGREEMENT
 - (E) NOTICE OF AWARD
 - (F) MEASUREMENT AND PAYMENT
 - (G) LOW PRESSURE GRINDER PUMP STATION
- 4. The OWNER will pay to the CONTRACTOR in the manner that is standard policy in regards to the City's purchasing policies.
- 5. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors and assigns. This Agreement shall be for a three year period with pricing guaranteed for one year from the date of Contract execution with no more than a 2.5% increase each additional year for the remainder of the Agreement and may be extended by mutual agreement for one year periods with regards to price changes that may occur or re-bid in its entirety.

AGREEMENT

GRE	EMENT, made this	day of	, 20:	14, by and between	, CITY OF PORT
E he	reinafter called "OWNE	R" and Pump and	Process Equipm	nent Inc. doing b	usiness as
an	d Process Equipment	Inc. hereinafter	called "CONTRAC	TOR". WITNESSETH	: That for and
side	ration of the payments a	and agreements here	ein after mention	ned:	
Th	e CONTRACTOR will sup	ply the items require	ed by the CONTR	RACT DOCUMENTS	on an as
ne	eded basis within 30 cal	endar days after the	date of the NOT	TICE TO PROCEED at	nd will
co	ntinue to supply them o	n an as needed basi:	s for the price sta	ated in the bid for t	wo years
the	ereafter.				
Th	e CONTRACTOR agrees t	to perform all of the	work described	in the CONTRACT D	OCUMENTS
an	d comply with the terms	therein for the sum	s as listed below	<i>i</i> :	
A.	Grinder Pump Station	(10 GPM @ 90' TDH)	\$ 2,350.00	/each
В.	Grinder Pump Station	(7 GPM @ 180' TDH)		\$ 2,350.00	/each
	The control of the and A.	E hereinafter called "OWNE of and Process Equipment sideration of the payments at the CONTRACTOR will supple needed basis within 30 cal continue to supply them of thereafter. The CONTRACTOR agrees to and comply with the terms. A. Grinder Pump Station	E hereinafter called "OWNER" and Pump and pand Process Equipment Inc., hereinafter of sideration of the payments and agreements here to sideration of the payments and agreements here to continue to supply them on an as needed basis thereafter. The CONTRACTOR agrees to perform all of the and comply with the terms therein for the sum. A. Grinder Pump Station (10 GPM @ 90' TDH)	E hereinafter called "OWNER" and Pump and Process Equipmer and Process Equipmer and Process Equipment Inc., hereinafter called "CONTRAC sideration of the payments and agreements herein after mention. The CONTRACTOR will supply the items required by the CONTR needed basis within 30 calendar days after the date of the NOT continue to supply them on an as needed basis for the price stathereafter. The CONTRACTOR agrees to perform all of the work described and comply with the terms therein for the sums as listed below. A. Grinder Pump Station (10 GPM @ 90' TDH)	needed basis within 30 calendar days after the date of the NOTICE TO PROCEED at continue to supply them on an as needed basis for the price stated in the bid for to thereafter. The CONTRACTOR agrees to perform all of the work described in the CONTRACT Days and comply with the terms therein for the sums as listed below: A. Grinder Pump Station (10 GPM @ 90' TDH) \$ 2.350.00

- 3. The term "CONTRACT DOCUMENTS" means and includes the following:
 - (A) ADVERTISEMENT FOR BIDS
 - (B) INFORMATION FOR BIDDERS
 - (C) BID
 - (D) AGREEMENT
 - (E) NOTICE OF AWARD
 - (F) MEASUREMENT AND PAYMENT
 - (G) LOW PRESSURE GRINDER PUMP STATION
- The OWNER will pay to the CONTRACTOR in the manner that is standard policy in regards to the City's purchasing policies.
- 5. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors and assigns. This Agreement shall be for a three year period with pricing guaranteed for one year from the date of Contract execution with no more than a 2.5% increase each additional year for the remainder of the Agreement and may be extended by mutual agreement for one year periods with regards to price changes that may occur or re-bid in its entirety.

IN WITNESS WHEREOF, the parties hereto have authorized official, this Agreement in <u>two (2)</u> original on the date first written above.	executed or caused to be executed by their duly copies each of which shall be deemed an
(SEAL)	OWNER:
ATTEST: BY 20. Button (Signature)	CITY OF PORT ST. JOE BY(Signature)
NAME Butch Branton (Please Type)	NAME Melvin C, Magidson, Jr.
TITLE Sales Engineer	TITLE Mayor
APPROVED AS TO FORM AND CORRECTNESS	Thomas Gibson TITLE: City Attorney, City of Port St. Joe
(SEAL)	CONTRACTOR:
ATTEST:	Pump and Process Equipment Inc.
BY(Signature)	BY(Signature)
NAME Darlene G. Larkin (Please Type)	NAME James E.B. Smith (Please Type)
TITLE Office Manager	ADDRESS: 3820 Hopkins Street
	Pensacola, FL 32505
	Employer Identification Number _63-1061090

()

(

IN WITNESS WHEREOF, the parties hereto have authorized official, this Agreement in <u>two</u> original on the date first written above.	
(SEAL)	OWNER:
ATTEST: BY 2. Substantion (Signature)	CITY OF PORT ST. JOE BY(Signature)
NAME Butch Branton (Please Type)	NAME Melvin C. Magidson, Jr.
TITLE Sales Engineer	TITLE Mayor
APPROVED AS TO FORM AND CORRECTNE	SS: BY Thomas Gibson TITLE:City Attorney, City of Port St. Joe
(SEAL)	CONTRACTOR:
ATTEST:	Pump and Process Equipment Inc.
BY(Signature)	BY(Signature)
NAME Darlene G. Larkin (Please Type)	NAME James E.B. Smith (Please Type)
TITLE Office Manager	ADDRESS: 3820 Hopkins Street
	Pensacola, FL 32505
	Employer Identification Number _63-1061090

NOTICE OF AWARD

To:	Pump and Process Equipment Inc.	
	3820 Hopkins Street	
	Pensacola, FL 32505	
PROJE	ECT DESCRIPTION:	
CITY	OF PORT ST. JOE – SEWER GRINDER PUMP STATIONS	- JULY 2014
	OWNER has considered the BID submitted by you for the rinvitation for you to bid.	e above described WORK in response to
You	are hereby notified that your Bid has been accepted for t	he items listed below:
	 Grinder Pump Station (10 GPM @ 90' TDH) Grinder Pump Station (7 GPM @ 180' TDH) 	\$_2,350.00 /each \$_2,350.00 /each
	n are required by the Information for Bidders to execute to drawings for approval.)	he Agreement and furnish the required
OWN	ou fail to execute said Agreement within ten (10) calendar NER will be entitled to consider all your rights arising or . The OWNER will be entitled to such other rights as ma	ut of the OWNER's acceptance of your
You	must return an acknowledged copy of this Notice of Awa	ard to the OWNER.
	Dated this day of, 20	
		City of Port St. Joe Owner
		ly: Name: <u>Melvin C. Magidson, Jr.</u>
	TY	itle: Mayor

NOTICE OF AWARD

To:	Pump and Process Equipment Inc.	
	3820 Hopkins Street	
	Pensacola, FL 32505	
PROJE	CT DESCRIPTION:	
CITY	OF PORT ST. JOE – SEWER GRINDER PUMP STATIC	DNS - JULY 2014
	OWNER has considered the BID submitted by you for invitation for you to bid.	or the above described WORK in response to
You	are hereby notified that your Bid has been accepted	for the items listed below:
	 Grinder Pump Station (10 GPM @ 90' TDH Grinder Pump Station (7 GPM @ 180' TDH 	\$ 2,350.00 /each \$ 2,350.00 /each
	are required by the Information for Bidders to exect drawings for approval.)	ute the Agreement and furnish the required
OWN	u fail to execute said Agreement within ten (10) cale NER will be entitled to consider all your rights arising The OWNER will be entitled to such other rights a	ng out of the OWNER's acceptance of your
You	must return an acknowledged copy of this Notice of	Award to the OWNER.
	Dated this day of, 20	
		City of Port St. Joe Owner
		By:
		Title: Mayor

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged					
Ву					
This the	day of	, 20			
Name_Butcl	Branton				
Title Sales	Engineer				

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged						
Ву						
This the	day of	, 20				
Name_Butcl	Branton					
Title Sales	Engineer					



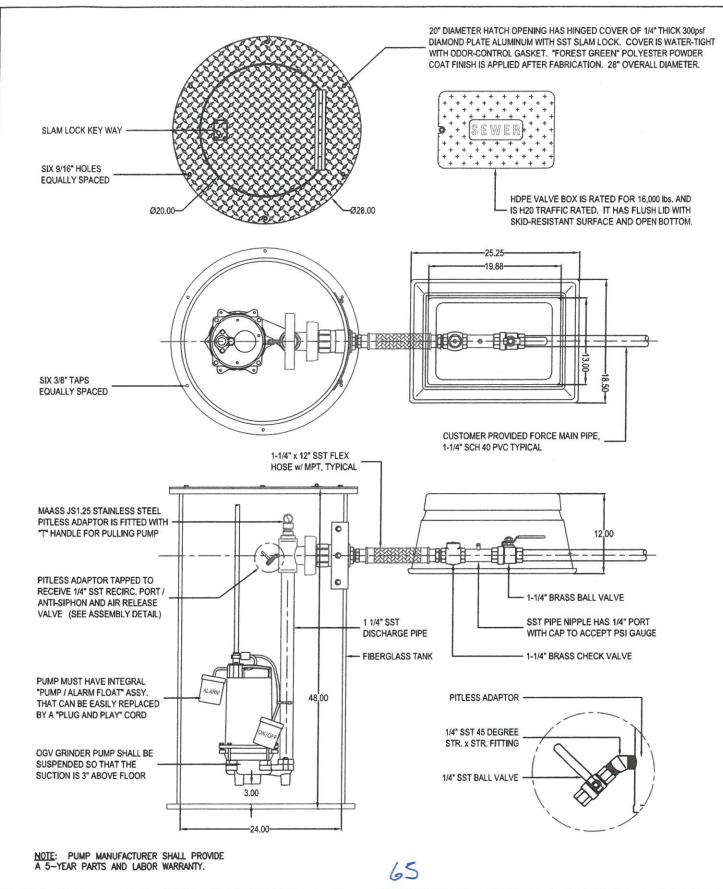
Simplex Grinder Package with OGVH "AUF" Option



Simplex Grinder Package with OGVH "AUF" Option

64

Pump & Process Equipment Inc. 3820 Hopkins St. - Pensacola, FL 32505 850/432-0334 phone - 850/432-1336 fax



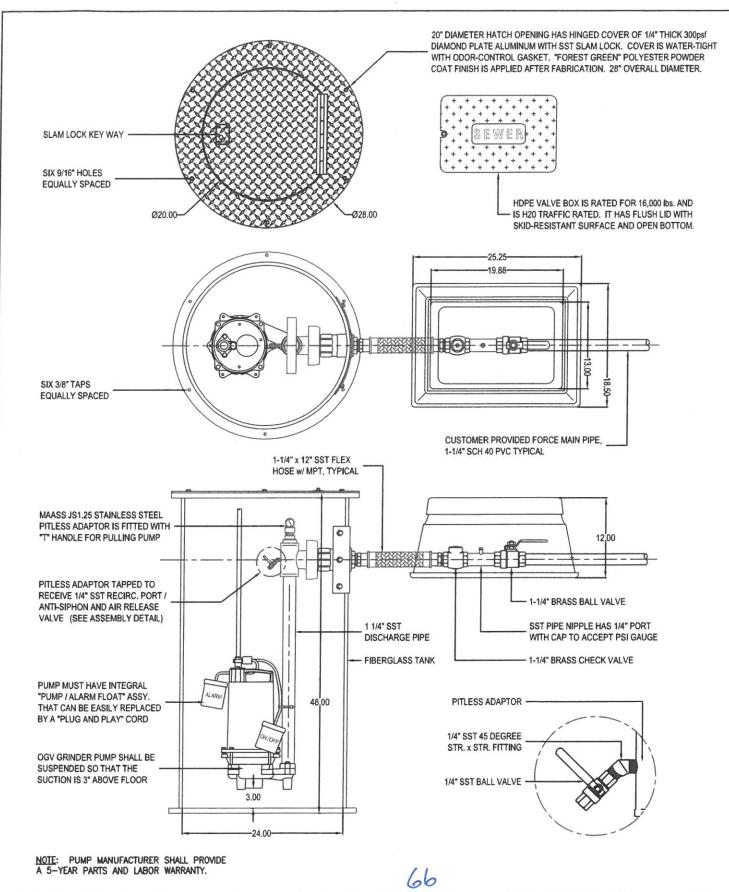


3820 Hopkins Street · Pensacola, FL 32505 850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

	TITLE:	RESIDENTIAL SIMPLEX GRINDER
		STANDARD LIFT STATION
į		"AUF" OPTION and HANG & BANG SYSTEM

CREATED BY:	DS	APPROVE	D BY:	BB
SCALE:	NTS	REVISION	l:	3
DATE:	7/31/13	SHEET:	1 OF:	1





3820 Hopkins Street · Pensacola, FL 32505

850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

TITLE:	RESIDENTIAL SIMPLEX GRINDER
	STANDARD LIFT STATION
	"AUF" OPTION and HANG & BANG SYSTEM
	TITLE:

	AUI OI HOIVAIN	TIMINO & BANCOTOTE	**
CREATED BY:	DS	APPROVED BY:	BB
SCALE:	NTS	REVISION:	3
DATE:	7/31/13	SHEET: 1 OF:	1

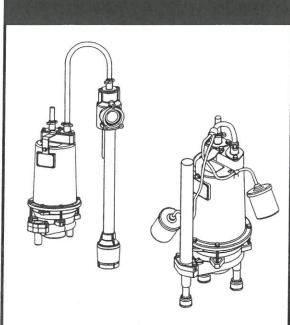
Series OGVF-AU & OGVH-AU

Recessed Vortex with Level Control

BARNES[®]

www.cranepumps.com

Submersible Grinder Pumps



Series: OGVF-AU & OGVH-AU 2HP, 3450RPM, 60Hz with Level Control High-Flow and High Head







CSA 108 - File No. LR16567 UL 778

"AUF" series pumps NOT UL or CSA listed

Sample Specifications: Section 3 Page 11.

DESCRIPTION:

THE GRINDER PUMP IS DESIGNED TO REDUCE DOMESTIC, COMMERCIAL, INSTITUTIONAL AND LIGHT INDUSTRIAL SEWAGE TO A FINELY GROUND SLURRY.

Specifications:

ISO G6.3.

MaterialCast Iron
SHREDDING RINGHardened 440C Stainless Steel

Rockwell® C-55.

CUTTERHardened 440C Stainless Steel, Rockwell® C-55.

SHAFT416 Stainless Steel

SQUARE RINGSBuna-N

HARDWARE300 Series Stainless Steel

PAINTAir Dry Enamel.

SEAL: DesignSingle Mechanical

MaterialRotating Faces - Silicon-Carbide

Stationary Faces - Silicon-Carbide Elastomer - Buna-N

Hardware -300 Series Stainless

UPPER BEARING:

DesignSingle Row, Ball, Oil Lubricated

LoadRadial

LOWER BEARING:

DesignSingle Row, Ball, Oil Lubrication:

LoadRadial & Thrust

MOTOR: DesignNEMA L-Single Phase Torque Curve.

Oil-Filled, Squirrel Cage Induction.

InsulationClass F.

SINGLE PHASE......Capacitor Start/Capacitor Run.

LEVEL CONTROL:

AU SeriesOn/Off & Alarm Wide Angle, PVC

Mechanical, Normally Open, Integral to pump. Custom molded quick connect for

sealing and strain relief

AUE SeriesSOLD SEPARATELY (See Accessory

Section C page 36A) Model ESPS-150, Environmentally sealed pressure switch with CPVC housing, Buna diaphragm, Custom molded quick connect for sealing

and strain relief

OPTIONAL EQUIPMENT.....Seal Material, Impeller Trims, Cord Length,

Moveable Fitting

RECOMMENDED:

AccessoriesBreak Away Fitting (BAF)

Check Valve Control Panel

Seal Kit PN108303

SECTION 3B PAGE 12 DATE 3/11



A Crane Co. Company

PUMPS & SYSTEMS



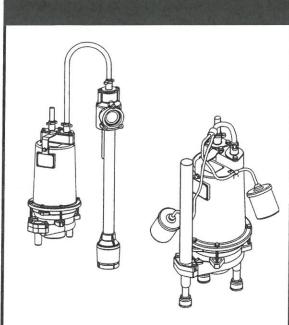
Series OGVF-AU & OGVH-AU

Recessed Vortex with Level Control



www.cranepumps.com

Submersible Grinder Pumps



Series: OGVF-AU & OGVH-AU 2HP, 3450RPM, 60Hz with Level Control High-Flow and High Head







CSA 108 - File No. LR16567 UL 778

"AUF" series pumps NOT UL or CSA listed

Sample Specifications: Section 3 Page 11.

DESCRIPTION:

THE GRINDER PUMP IS DESIGNED TO REDUCE DOMESTIC, COMMERCIAL, INSTITUTIONAL AND LIGHT INDUSTRIAL SEWAGE TO A FINELY GROUND SLURRY.

Specifications:

ISO G6.3.

MaterialCast Iron
SHREDDING RINGHardened 440C Stainless Steel

Rockwell® C-55.

CUTTERHardened 440C Stainless Steel,

Rockwell® C-55.

SHAFT416 Stainless Steel

SQUARE RINGSBuna-N

HARDWARE300 Series Stainless Steel

PAINTAir Dry Enamel.

SEAL: DesignSingle Mechanical

MaterialRotating Faces - Silicon-Carbide

Stationary Faces - Silicon-Carbide Elastomer - Buna-N

Hardware -300 Series Stainless

UPPER BEARING:

DesignSingle Row, Ball, Oil Lubricated

LoadRadial

LOWER BEARING:

DesignSingle Row, Ball, Oil Lubrication:

LoadRadial & Thrust

MOTOR: DesignNEMA L-Single Phase Torque Curve.

Oil-Filled, Squirrel Cage Induction.

InsulationClass F.

SINGLE PHASE......Capacitor Start/Capacitor Run.

LEVEL CONTROL:

AU SeriesOn/Off & Alarm Wide Angle, PVC

Mechanical, Normally Open, Integral to pump. Custom molded quick connect for

sealing and strain relief

AUE SeriesSOLD SEPARATELY (See Accessory

Section C page 36A) Model ESPS-150, Environmentally sealed pressure switch with CPVC housing, Buna diaphragm, Custom molded quick connect for sealing

and strain relief

OPTIONAL EQUIPMENT.....Seal Material, Impeller Trims, Cord Length,

Moveable Fitting

RECOMMENDED:

AccessoriesBreak Away Fitting (BAF)

Check Valve Control Panel

Seal Kit PN108303

SECTION 3B PAGE 12 DATE 3/11 CRANE

PUMPS & SYSTEMS





Series OGVF-AU & OGVH-AU

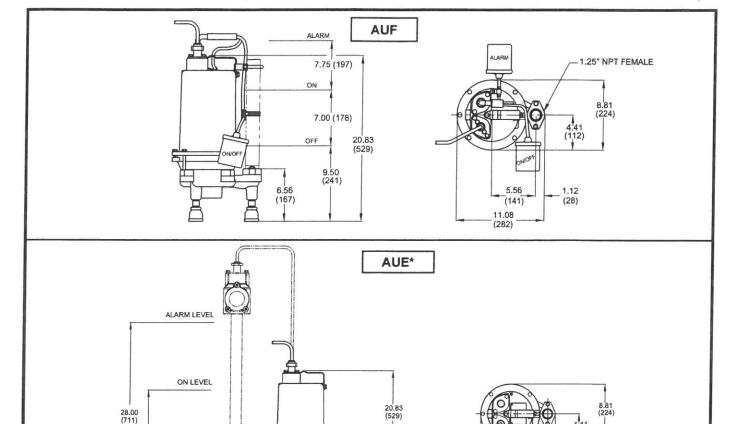
Recessed Vortex with Level Control

www.cranepumps.com

Submersible Grinder Pumps

4.41 (112)

(141) 11.08 (282)



MODEL NO	PART NO	HP	VOLT	PH/Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD	CORD TYPE	CORD O.D. ± .02 (.5) in (mm)
HIGH-FLOW											
OGVF2022AUF	110652	2	240	1/60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
OGVF2022AUE*	116892	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
HIGH-HEAD											
OGVH2022AUF	110650	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
OGVH2022AUE*	116896	2	240	1/60	3450	Н	15.0	53.8	12/5	sow	.71 (18)

1.25" NPT FEMALE

(*) ESPS Level Control Sold Separately, See Accessory Section C page 36A & B.

OFF LEVEL

2.00 (51)

18.00 (457)

10.00 (254)

IMPORTANT!

- 1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 2.) THIS PUMP IS APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS.
- THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
 INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.



PUMPS & SYSTEMS



SECTION 3B PAGE 13 DATE 3/07



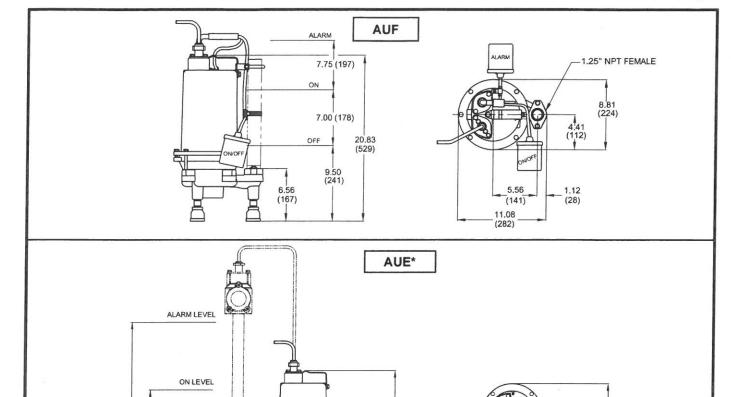
Series OGVF-AU & OGVH-AU

(141)

Recessed Vortex with Level Control

www.cranepumps.com

Submersible Grinder Pumps



		1									
MODEL NO	PART NO	HP	VOLT	PH/Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD	CORD TYPE	CORD O.D. ± .02 (.5) in (mm)
HIGH-FLOW											
OGVF2022AUF	110652	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
OGVF2022AUE*	116892	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
HIGH-HEAD											
OGVH2022AUF	110650	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)
OGVH2022AUE*	116896	2	240	1 / 60	3450	Н	15.0	53.8	12/5	sow	.71 (18)

1 25" NPT FEMALE

(*) ESPS Level Control Sold Separately, See Accessory Section C page 36A & B.

OFF LEVEL

2.00 (51)

18.00 (457)

10.00 (254)

IMPORTANT!

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- 2.) THIS PUMP IS APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS.
- 3.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
- 4.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.



PUMPS & SYSTEMS



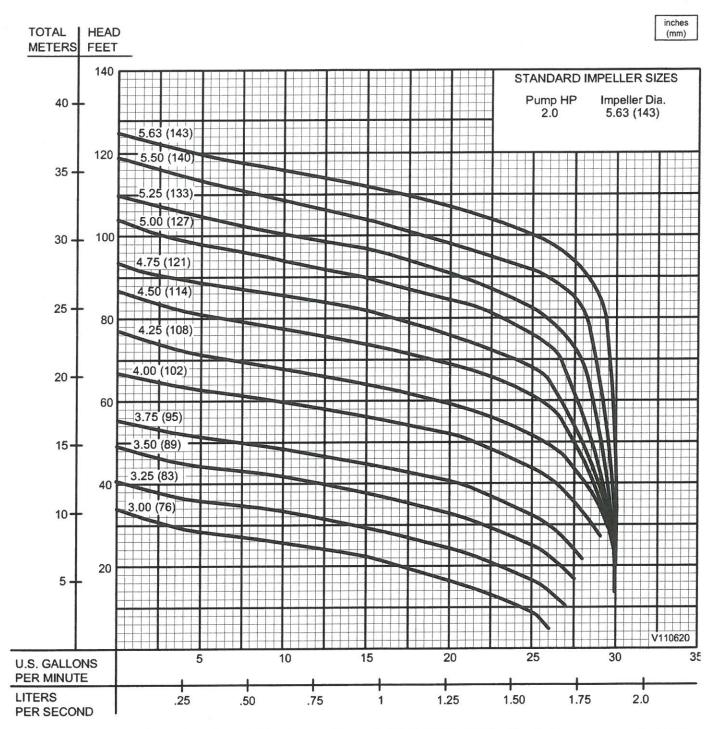
SECTION 3B PAGE 13 DATE 3/07



Series OGVH-AU

Performance Curve 2HP, 3450RPM, 60Hz, High-Head

Submersible Grinder Pumps



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance



PUMPS & SYSTEMS



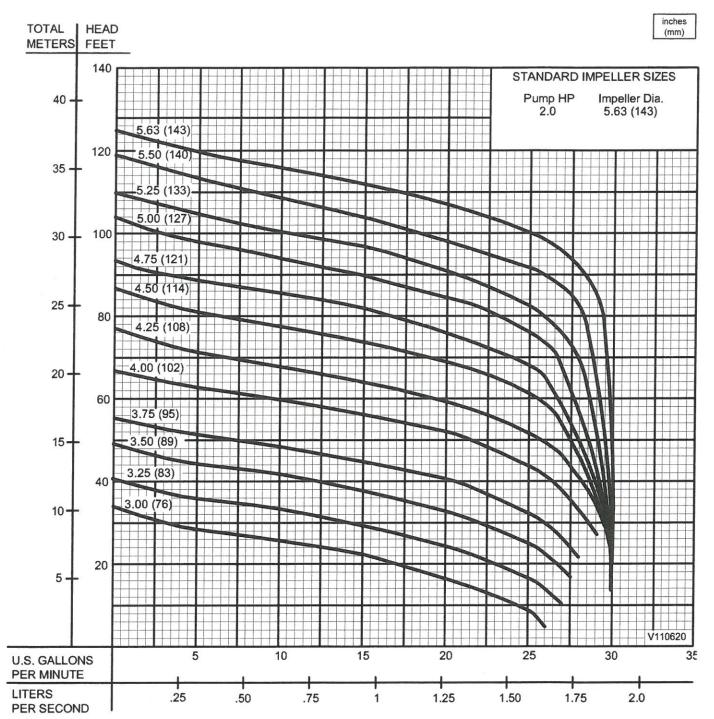
SECTION 3B PAGE 15 DATE 11/03



Series OGVH-AU

Performance Curve 2HP, 3450RPM, 60Hz, High-Head

Submersible Grinder Pumps



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance

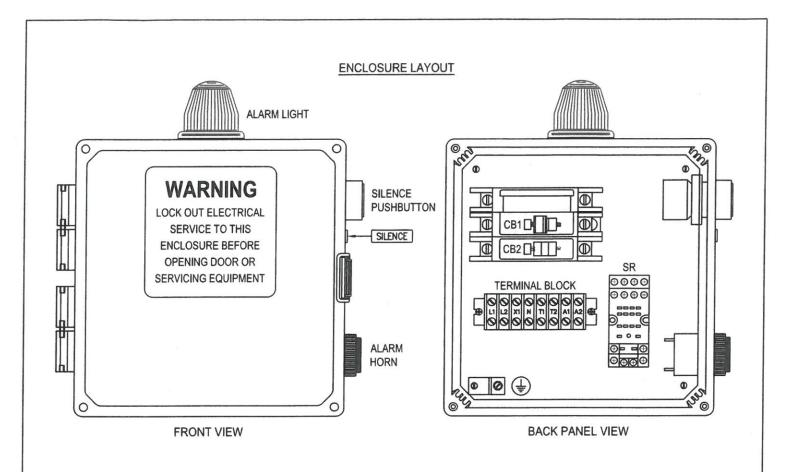


A Crane Co. Company

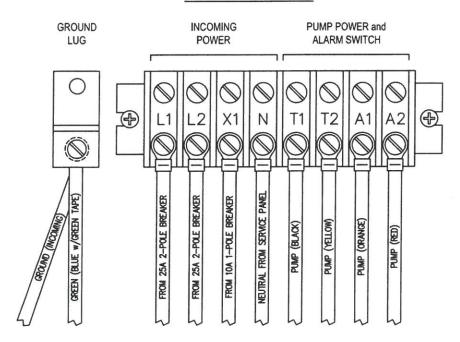
PUMPS & SYSTEMS

72

SECTION 3B PAGE 15 DATE 11/03



CONNECTION DIAGRAM



PLEASE CONTACT SCOTT EMFINGER
PUMP & PROCESS EQUIPMENT, INC.
FOR QUOTE ON LIFT STATION PACKAGE
scott@pumpandprocess.net





3820 Hopkins Street · Pensacola, FL 32505

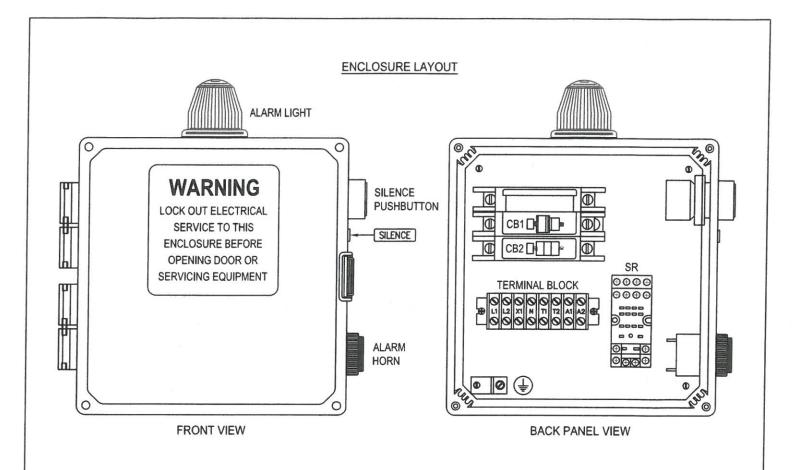
850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

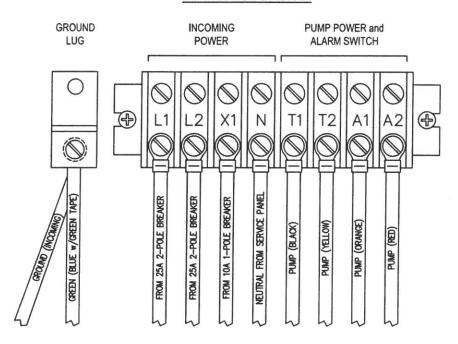
TITLE:

SIMPLEX GRINDER
CONTROL and ALARM PANEL
ENCLOSURE LAYOUT and CONNECTION DIAGRAM

CREATED BY:	DS	APPROVED BY:	SE
SCALE:	NTS (.375)	REVISION:	1
DATE:	6/27/13	SHEET: 1 OF:	2



CONNECTION DIAGRAM



PLEASE CONTACT SCOTT EMFINGER PUMP & PROCESS EQUIPMENT, INC. FOR QUOTE ON LIFT STATION PACKAGE



3820 Hopkins Street · Pensacola, FL 32505

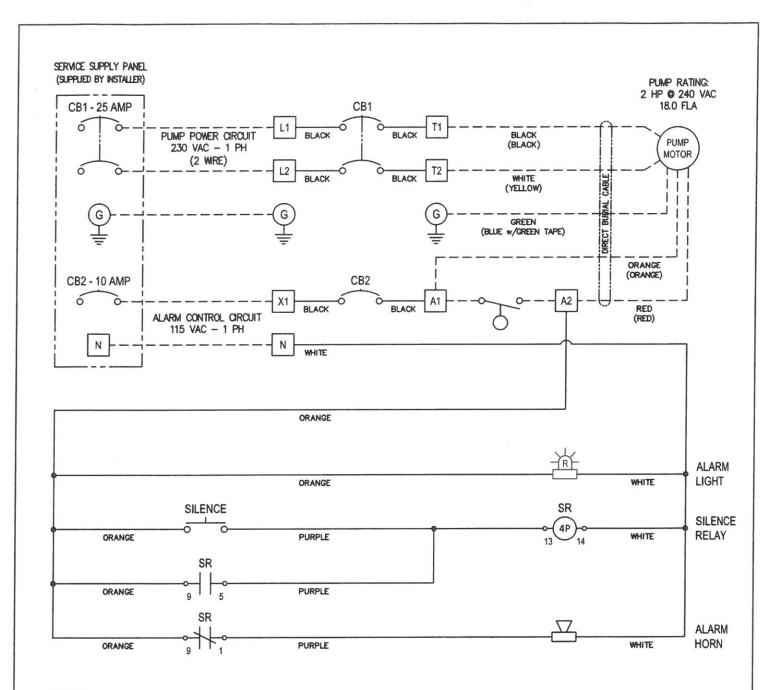
850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

TITLE:

SIMPLEX GRINDER CONTROL and ALARM PANEL **ENCLOSURE LAYOUT and CONNECTION DIAGRAM**

CREATED BY:	DS	APPROVED BY:	SE
SCALE:	NTS (.375)	REVISION:	1
DATE:	6/27/13	SHEET: 1 OF:	2



NOTES:

- TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FITTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.
- 2. PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.
- 3. FACTORY WIRING IS SHOWN —————
- 4. FIELD WIRING IS SHOWN
- 5. RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 in-lbs.
- 6. PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE.
- 7. FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE.
- 8. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().



TITLE:

PLEASE CONTACT SCOTT EMFINGER
PUMP & PROCESS EQUIPMENT, INC.
FOR QUOTE ON LIFT STATION PACKAGE
scott@pumpandprocess.net



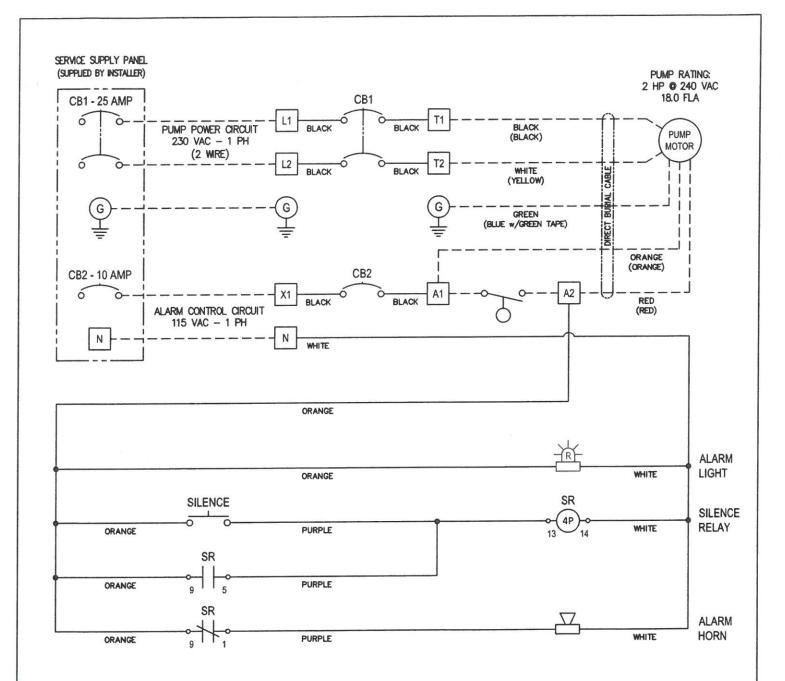
3820 Hopkins Street · Pensacola, FL 32505

850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

		and ALARM PANEL CHEMATIC and NOTES		
CREATED BY:	DS	APPROVED BY:	SE	٦
SCALE:	NTS	REVISION:	1	٦
DATE:	6/27/13	SHEET: 2 OF:	2	٦

SIMPLEX GRINDER



NOTES:

- 1. TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FITTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.
- 2. PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.
- 3. FACTORY WIRING IS SHOWN
- 4. FIELD WIRING IS SHOWN
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- 8. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().

PLEASE CONTACT SCOTT EMFINGER PUMP & PROCESS EQUIPMENT, INC. FOR QUOTE ON LIFT STATION PACKAGE scott@pumpandprocess.net





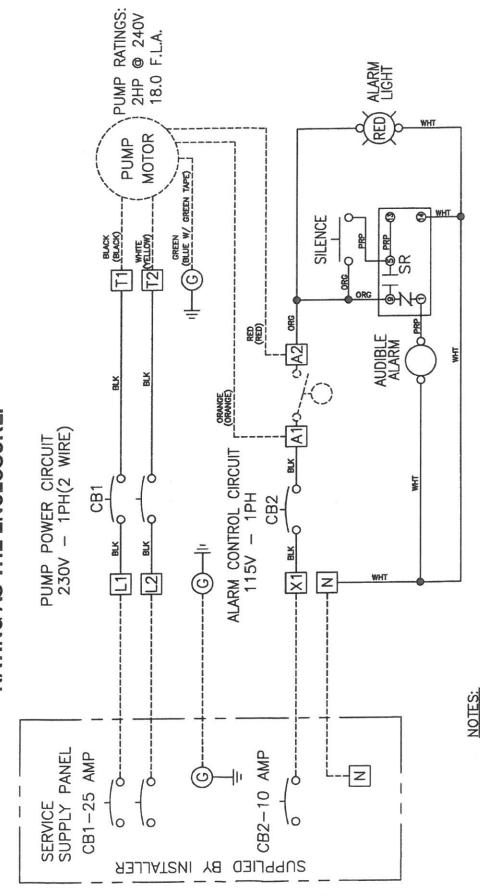
3820 Hopkins Street · Pensacola, FL 32505

850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

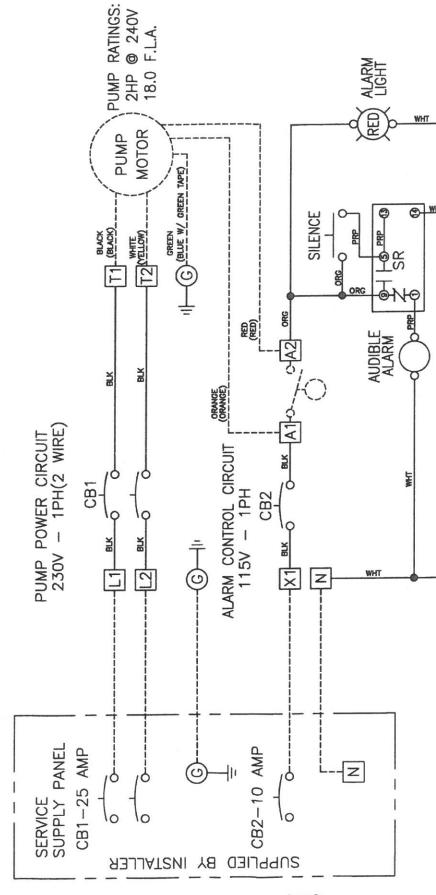
TITLE:	CONTROL	EX GRINDER and ALARM PANEL CHEMATIC and NOTES		
CREATED BY:	DS	APPROVED BY:	SE	
SCALE:	NTS	REVISION:	1	
DATE:	6/27/13	SHEET: 2 OF:	2	

NOTE: TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FTTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.



- 1.) PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.
 - FACTORY WIRING IS SHOWN
- FIELD WIRING IS SHOWN
- RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 IN-LBS.
 - PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE.
 - FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE. 6.5.0
- WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().

NOTE: TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FTTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.



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NOTES:

RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 IN-LBS. FACTORY WIRING IS SHOWN FIELD WIRING IS SHOWN -3.)

PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE. 5.)

FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE.

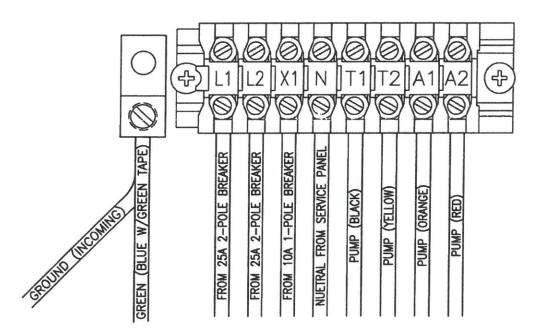
WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().

116742 PANEL

CONNECTION **DIAGRAM** FOR CP & S 116742 CONTROL PANEL

INCOMING POWER ALARM SWITCH CONNECTIONS

PUMP POWER & CONNECTIONS



NOTE - WIRE COLORS FOR DIRECT BURIAL STYLE CABLES ARE IN PARENTHESIS ().

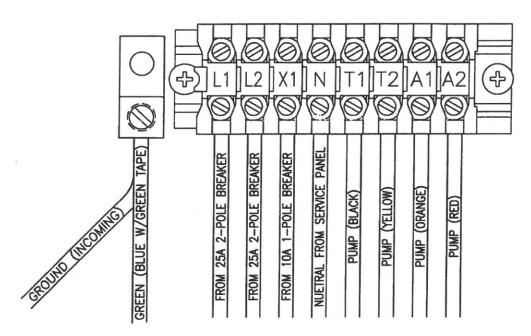
CHANGES	TOLERANCES	DRAWN BY	DATE	DIAC	GRAM CONNECTION
F	DECIMALS .xxx = ±.005	D. MIDDLETON	02/02/04		CP & S PANEL)
E D		MATERIAL SPECIFICATION	ON:	(CP & S PANEL)
c				SCALE:	PART NO.
В	ANGLES	AS NOTI	ED	FULL	116742 PANEL
Α	$X^* = \pm 1/2^*$				

116742 PANEL

CONNECTION **DIAGRAM** FOR CP & S 116742 CONTROL PANEL

INCOMING POWER ALARM SWITCH CONNECTIONS

PUMP POWER & CONNECTIONS



NOTE - WIRE COLORS FOR DIRECT BURIAL STYLE CABLES ARE IN PARENTHESIS ().

CHANGES	TOLERANCES	DRAWN BY	DATE	DIA	GRAM CONNECTION
F	DECIMALS .xxx = ±.005	D. WIDDLETOIN			CP & S PANEL)
E D	$.XX = \pm .010$	MATERIAL SPECIFICATION	ON:	`	
C	FRACTIONAL $x/x = \pm .1/64$			SCALE:	PART NO.
В	ANGLES	AS NOT	ED	FULL	116742 PANEL
A	$X^* = \pm 1/2^*$				

BARNES[®]



Limited 5 Year Warranty

Crane Pumps & Systems warrants that products of our manufacture will be free of defects in material and workmanship under normal use and service for sixty (60) months after manufacture date, when installed and maintained in accordance with our instructions. This warranty gives you specific legal rights, and there may also be other rights which vary from state to state. In the event the product is covered by the Federal Consumer Product Warranties Law (1) the duration of any implied warranties associated with the product by virtue of said law is limited to the same duration as stated herein, (2) this warranty is a LIMITED WARRANTY, and (3) no claims of any nature whatsoever shall be made against us, until the ultimate consumer, his successor, or assigns, notifies us in writing of the defect, and delivers the product and/or defective part(s) freight prepaid to our factory or nearest authorized service station. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply. THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO ANY PRODUCT SHALL BE TO REPLACE OR REPAIR AT OUR ELECTION, F.O.B. POINT OF MANUFACTURE OR AUTHORIZED REPAIR STATION, SUCH PRODUCTS AND/OR PARTS AS PROVEN DEFECTIVE. THERE SHALL BE NO FURTHER LIABILITY, WHETHER BASED ON WARRANTY, NEGLIGENCE OR OTHERWISE. Unless expressly stated otherwise, guarantees in the nature of performance specifications furnished in addition to the foregoing material and workmanship warranties on a product manufactured by us, if any, are subject to laboratory tests corrected for field performance. Any additional guarantees, in the nature of performance specifications must be in writing and such writing must be signed by our authorized representative. Due to inaccuracies in field testing if a conflict arises between the results of field testing conducted by or for user, and laboratory tests corrected for field performance, the latter shall control. RECOMMENDATIONS FOR SPECIAL APPLICATIONS OR THOSE RESULTING FROM SYSTEMS ANALYSES AND EVALUATIONS WE CONDUCT WILL BE BASED ON OUR BEST AVAILABLE EXPERIENCE AND PUBLISHED INDUSTRY INFORMATION. SUCH RECOMMENDATIONS DO NOT CONSTITUTE A WARRANTY OF SATISFACTORY PERFORMANCE AND NO SUCH WARRANTY IS GIVEN.

This warranty shall not apply when damage is caused by (a) improper installation, (b) improper voltage (c) lightning (d) excessive sand or other abrasive material (e) scale or corrosion build-up due to excessive chemical content. Any modification of the original equipment will also void the warranty. We will not be responsible for loss, damage or labor cost due to interruption of service caused by defective parts. Neither will we accept charges incurred by others without our prior written approval.

This warranty is void if our inspection reveals the product was used in a manner inconsistent with normal industry practice and/or our specific recommendations. The purchaser is responsible for communication of all necessary information regarding the application and use of the product. UNDER NO CIRCUMSTANCES WILL WE BE RESPONSIBLE FOR ANY OTHER DIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO TRAVEL EXPENSES, RENTED EQUIPMENT, OUTSIDE CONTRACTOR FEES, UNAUTHORIZED REPAIR SHOP EXPENSES, LOST PROFITS, LOST INCOME, LABOR CHARGES, DELAYS IN PRODUCTION, IDLE PRODUCTION, WHICH DAMAGES ARE CAUSED BY ANY DEFECTS IN MATERIAL AND/OR WORKMANSHIP AND/OR DAMAGE OR DELAYS IN SHIPMENT. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No rights extended under this warranty shall be assigned to any other person, whether by operation of law or otherwise, without our prior written approval.

Pump Model/Serial #:Sales Order #:	Job Name: ————————————————————————————————————
Factory Authorized Signature:	Title



PUMPS & SYSTEMS

A Crane Co. Company

420 Third Street Piqua, Ohio 45356 Phone: (937) 778-8947 Fax: (937) 773-7157 www.cranepumps.com 83 West Drive, Bramton Ontario, Canada L6T 2J6 Phone: (905) 457-6223 Fax: (905) 457-2650





Limited 5 Year Warranty

Crane Pumps & Systems warrants that products of our manufacture will be free of defects in material and workmanship under normal use and service for sixty (60) months after manufacture date, when installed and maintained in accordance with our instructions. This warranty gives you specific legal rights, and there may also be other rights which vary from state to state. In the event the product is covered by the Federal Consumer Product Warranties Law (1) the duration of any implied warranties associated with the product by virtue of said law is limited to the same duration as stated herein, (2) this warranty is a LIMITED WARRANTY, and (3) no claims of any nature whatsoever shall be made against us, until the ultimate consumer, his successor, or assigns, notifies us in writing of the defect, and delivers the product and/or defective part(s) freight prepaid to our factory or nearest authorized service station. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply. THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO ANY PRODUCT SHALL BE TO REPLACE OR REPAIR AT OUR ELECTION, F.O.B. POINT OF MANUFACTURE OR AUTHORIZED REPAIR STATION, SUCH PRODUCTS AND/OR PARTS AS PROVEN DEFECTIVE. THERE SHALL BE NO FURTHER LIABILITY, WHETHER BASED ON WARRANTY, NEGLIGENCE OR OTHERWISE. Unless expressly stated otherwise, guarantees in the nature of performance specifications furnished in addition to the foregoing material and workmanship warranties on a product manufactured by us, if any, are subject to laboratory tests corrected for field performance. Any additional guarantees, in the nature of performance specifications must be in writing and such writing must be signed by our authorized representative. Due to inaccuracies in field testing if a conflict arises between the results of field testing conducted by or for user, and laboratory tests corrected for field performance, the latter shall control. RECOMMENDATIONS FOR SPECIAL APPLICATIONS OR THOSE RESULTING FROM SYSTEMS ANALYSES AND EVALUATIONS WE CONDUCT WILL BE BASED ON OUR BEST AVAILABLE EXPERIENCE AND PUBLISHED INDUSTRY INFORMATION. SUCH RECOMMENDATIONS DO NOT CONSTITUTE A WARRANTY OF SATISFACTORY PERFORMANCE AND NO SUCH WARRANTY IS GIVEN.

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No rights extended under this warranty shall be assigned to any other person, whether by operation of law or otherwise, without our prior written approval.

Pump Model/Serial #:Sales Order #:	Job Name: ————————————————————————————————————			
Factory Authorized Signature:	Title			



PUMPS & SYSTEMS

A Crane Co. Company

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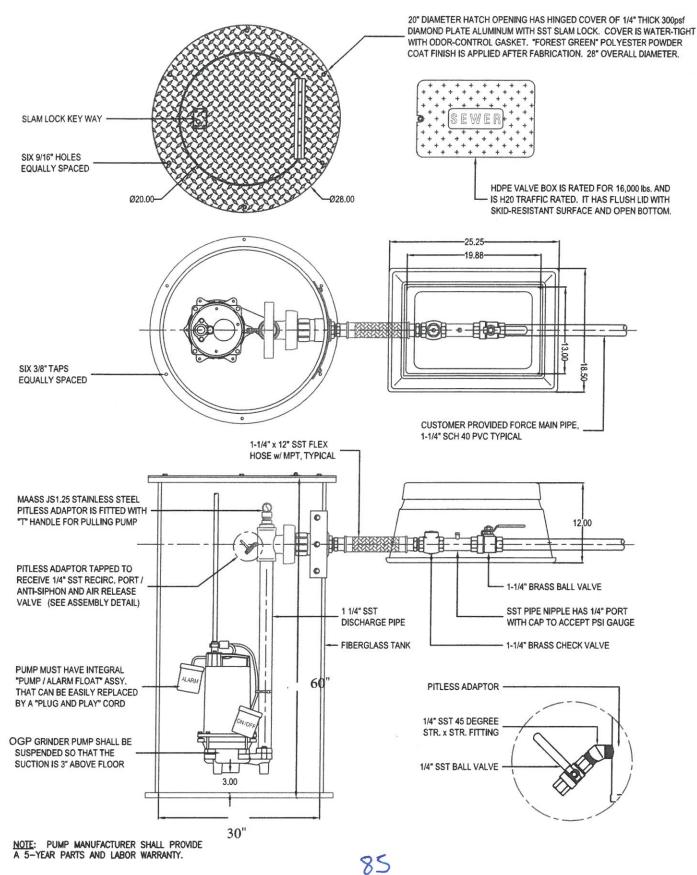
83 West Drive, Bramton Ontario, Canada L6T 2J6 Phone: (905) 457-6223 Fax: (905) 457-2650



Simplex Grinder Package with OGP "AUF" Option



Simplex Grinder Package with OGP "AUF" Option





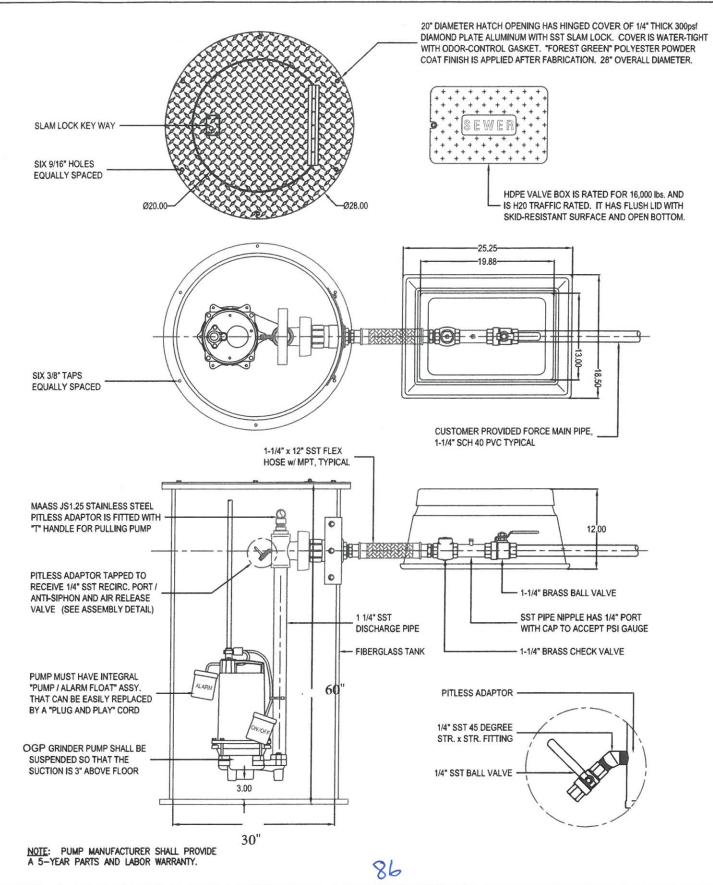
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	"AUF" OPTION and	HANG & BANG SYSTEM
	STANDAR	RD LIFT STATION
TITLE:	RESIDENTIAL	SIMPLEX GRINDER

CREATED BY:	DS	APPROVED BY:	BB
SCALE:	NTS	REVISION:	3
DATE:	7/31/13	SHEET: 1 OF:	1





3820 Hopkins Street · Pensacola, FL 32505

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TITLE:	RESIDENTIAL SIMPLEX GRINDER
	STANDARD LIFT STATION
	"AUF" OPTION and HANG & BANG SYSTEM

CREATED BY:	DS	APPROVED BY:	BB
SCALE:	NTS	REVISION:	3
DATE:	7/31/13	SHEET: 1	OF: 1



www.cranepumps.com

Series OGP-AU

Recessed Vortex with Level Control

Submersible Grinder Pumps

Specifications:

ISO G6.3.

CUTTERHardened 440CStainless Steel,

Rockwell® C-55.

SHAFT416 Stainless Steel

SQUARE RINGSBuna-N

HARDWARE300 Series Stainless Steel

PAINTAir Dry Enamel.

SEAL: DesignSingle Mechanical

MaterialRotating Faces - Silicon-Carbide

Stationary Faces - Silicon-Carbide Elastomer - Buna-N

Hardware -300 Series Stainless

CORD ENTRY......30 ft. (9.1 m) Std. Cord. Custom Molded
Quick Connect, for Sealing and Strain

Relief

CORD Automatic......CSA/UL Approved 12/5 Type SOW

UPPER BEARING:

DesignSingle Row, Angular contact Ball

LubricationOil

LoadRadial & Thrust

LOWER BEARING:

DesignSingle Row, Angular contact Ball

LubricationOil

Load.....Radial & Thrust

MOTOR: DesignNEMA L-Single Phase Torque Curve,

Oil-Filled, Squirrel Cage Induction

InsulationClass F

SINGLE PHASE......Capacitor Start/Capacitor Run.

LEVEL CONTROL:

AUF Series.....On/Off & Alarm wide angle, PVC

Mechanical normally open, Integral to pump. Custom molded quick connect for

sealing and strain relief

AUE SeriesSOLD SEPARATELY (See Accessory

Section C page 36A) Model ESPS-150, Environmentally sealed pressure switch with CPVC housing, Buna diaphragm, Custom molded quick connect for sealing

and strain relief

OPTIONAL EQUIPMENT......Cord Length, Moveable Fitting

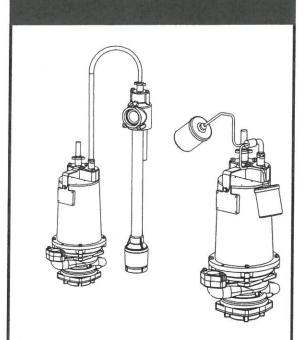
RECOMMENDED:

AccessoriesBreak Away Fitting (BAF)

Check Valve

Control Panel

Seal Kit PN116664 Service Kit PN.....116665



Series: OGP-AU 2HP, 3450RPM, 60Hz with Level Control

This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,357,341







CSA 108 - File No. LR16567 UL 778

"AUF" series pumps NOT UL or CSA listed

Sample Specifications: Section 3 Page 10.

DESCRIPTION:

THE GRINDER PUMP IS DESIGNED TO REDUCE DOMESTIC SEWAGE TO A FINELY GROUND SLURRY.

CRANE

PUMPS & SYSTEMS

87

SECTION 3B PAGE 23 DATE 6/10



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Series OGP-AU

Recessed Vortex with Level Control

Submersible Grinder Pumps

Specifications:

ISO G6.3.

Material85-5-5-5 Bronze

CUTTERHardened 440CStainless Steel.

Rockwell® C-55.

SHAFT416 Stainless Steel

SQUARE RINGSBuna-N

HARDWARE300 Series Stainless Steel

PAINTAir Dry Enamel.

SEAL: DesignSingle Mechanical

MaterialRotating Faces - Silicon-Carbide

Stationary Faces - Silicon-Carbide

Elastomer - Buna-N

Hardware -300 Series Stainless
CORD ENTRY.....30 ft. (9.1 m) Std. Cord. Custom Molded

Quick Connect, for Sealing and Strain

Relief

CORD Automatic......CSA/UL Approved 12/5 Type SOW

UPPER BEARING:

DesignSingle Row, Angular contact Ball

LubricationOil

LoadRadial & Thrust

LOWER BEARING:

DesignSingle Row, Angular contact Ball

LubricationOil

Load.....Radial & Thrust

MOTOR: DesignNEMA L-Single Phase Torque Curve,

Oil-Filled, Squirrel Cage Induction

InsulationClass F

SINGLE PHASE......Capacitor Start/Capacitor Run.

LEVEL CONTROL:

AUF Series.....On/Off & Alarm wide angle, PVC

Mechanical normally open, Integral to pump. Custom molded quick connect for

sealing and strain relief

AUE SeriesSOLD SEPARATELY (See Accessory

Section C page 36A) Model ESPS-150, Environmentally sealed pressure switch with CPVC housing, Buna diaphragm, Custom molded quick connect for sealing

and strain relief

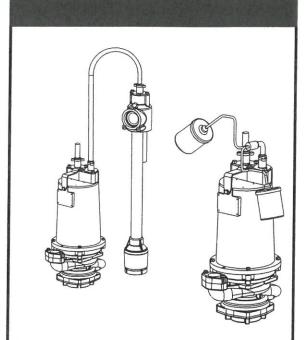
OPTIONAL EQUIPMENT......Cord Length, Moveable Fitting

RECOMMENDED:

AccessoriesBreak Away Fitting (BAF)

Check Valve Control Panel

Seal Kit PN116664 Service Kit PN......116665



Series: OGP-AU 2HP, 3450RPM, 60Hz with Level Control

This product may be covered by one or more of the following patents and other patent(s) pending: US Patent 7,357,341









CSA 108 - File No. LR16567 UL 778

"AUF" series pumps NOT UL or CSA listed

Sample Specifications: Section 3 Page 10.

DESCRIPTION:

THE GRINDER PUMP IS DESIGNED TO REDUCE DOMESTIC SEWAGE TO A FINELY GROUND SLURRY.

CRANE

A Crane Co. Company

PUMPS & SYSTEMS



SECTION 3B PAGE 23 DATE 6/10

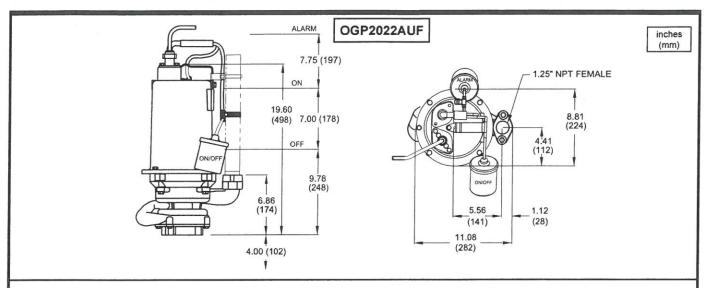
Series OGP-AU

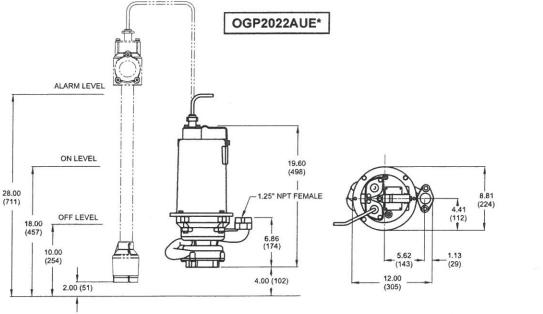
Recessed Vortex with Level Control



www.cranepumps.com

Submersible Grinder Pumps





MODEL NO	PART NO	HP	VOLT	PH/Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD	CORD TYPE	CORD O.D. ± .02 (.5) in (mm)	
OGP2022AUF	116663	2	240	1/60	3450	Н	16.5	53.8	12/5	sow	.71 (18)	
OGP2022AUE*	115329-M	2	240	1/60	3450	Н	16.5	53.8	12/5	sow	.71 (18)	ſ

(*) ESPS Level Control Sold Separately, See Accessory Section C page 36A & B.

IMPORTANT!

- 1.) PUMP MAY BE OPERATED "DRY" FOR EXTENDED PERIODS WITHOUT DAMAGE TO MOTOR AND/OR SEALS.
- 2.) THIS PUMP IS APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION II HAZARDOUS LOCATIONS.
- 3.) THIS PUMP IS NOT APPROPRIATE FOR THOSE APPLICATIONS SPECIFIED AS CLASS I DIVISION I HAZARDOUS LOCATIONS.
- 4.) INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATIONS IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

SECTION 3B PAGE 24 DATE 1/06



PUMPS & SYSTEMS



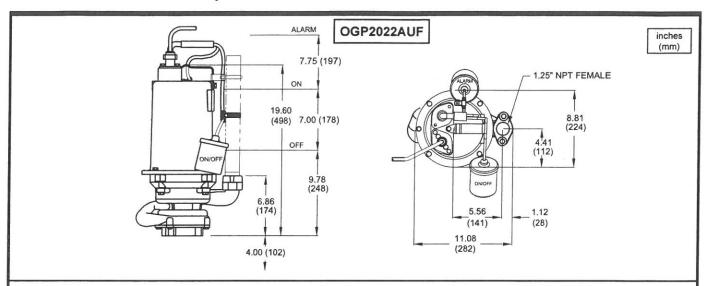
Series OGP-AU

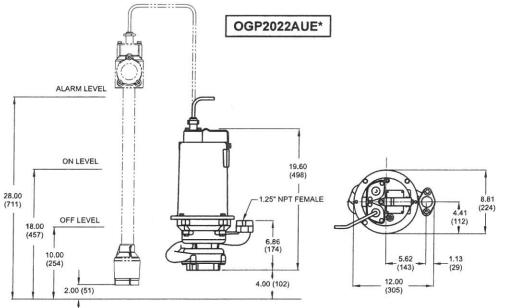
Recessed Vortex with Level Control



www.cranepumps.com

Submersible Grinder Pumps





												1
MODEL NO	PART NO	HP	VOLT	PH/Hz	RPM (Nom)	NEMA START CODE	FULL LOAD AMPS	LOCKED ROTOR AMPS	CORD	CORD	CORD O.D. ± .02 (.5) in (mm)	The Same of the Sa
OGP2022AUF	116663	2	240	1/60	3450	Н	16.5	53.8	12/5	sow	.71 (18)	Г
OGP2022AUE*	115329-M	2	240	1/60	3450	Н	16.5	53.8	12/5	sow	.71 (18)	Γ

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SECTION 3B PAGE 24 DATE 1/06 CRANE

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PUMPS & SYSTEMS





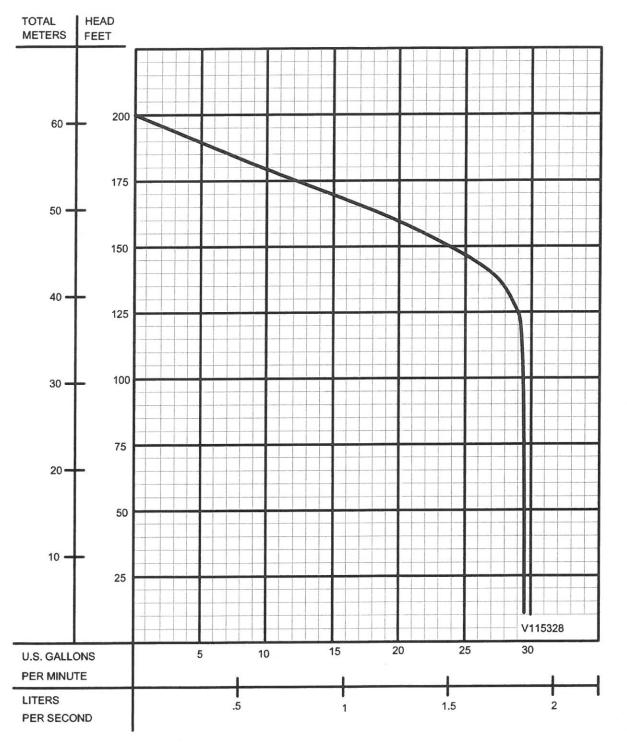
www.cranepumps.com

Series OGP-AU

(mm)

Performance Curve 2HP, 3450RPM, 60Hz, High-Flow

Submersible Grinder Pumps



Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance



PUMPS & SYSTEMS

91

SECTION 3B PAGE 25 DATE 11/03

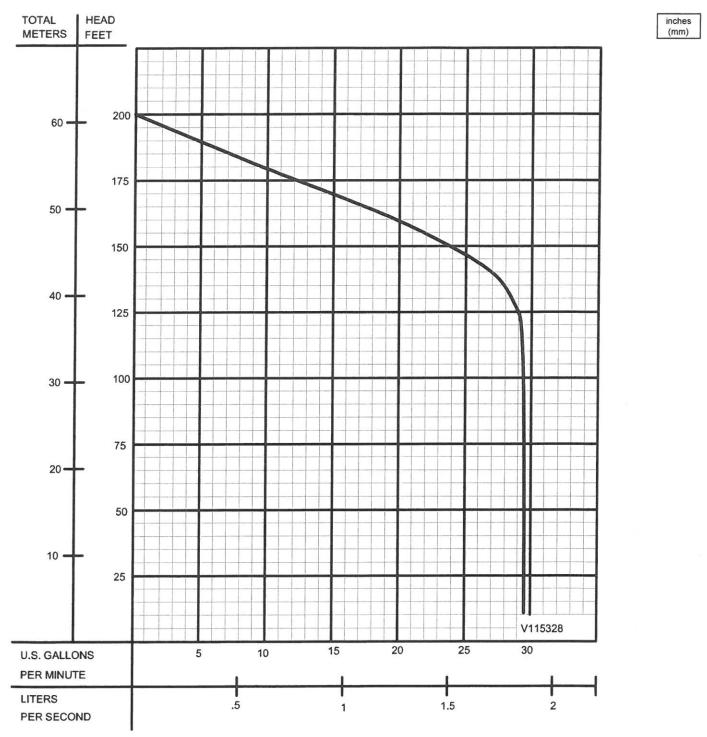


www.cranepumps.com

Series OGP-AU

Performance Curve 2HP, 3450RPM, 60Hz, High-Flow

Submersible Grinder Pumps



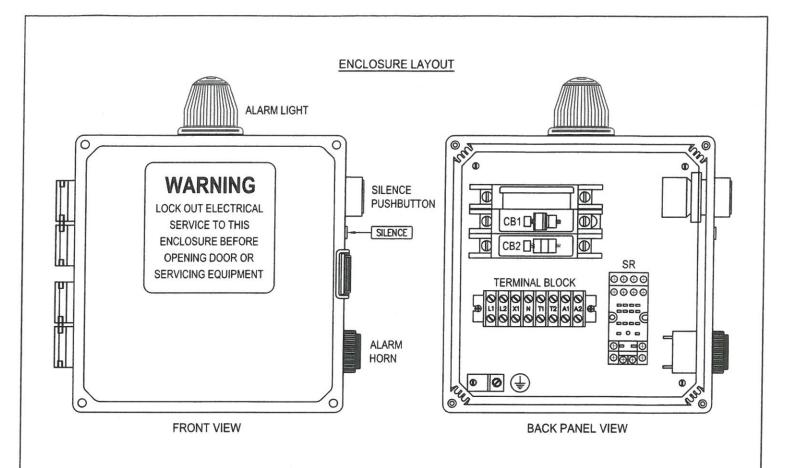
Testing is performed with water, specific gravity 1.0 @ 68° F @ (20°C), other fluids may vary performance



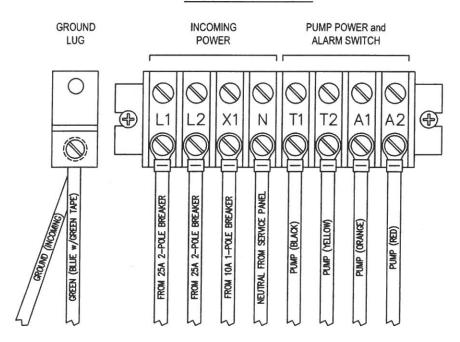
PUMPS & SYSTEMS

92

SECTION 3B PAGE 25 DATE 11/03



CONNECTION DIAGRAM



PLEASE CONTACT SCOTT EMFINGER PUMP & PROCESS EQUIPMENT, INC. FOR QUOTE ON LIFT STATION PACKAGE





equipment incorporated

3820 Hopkins Street · Pensacola, FL 32505

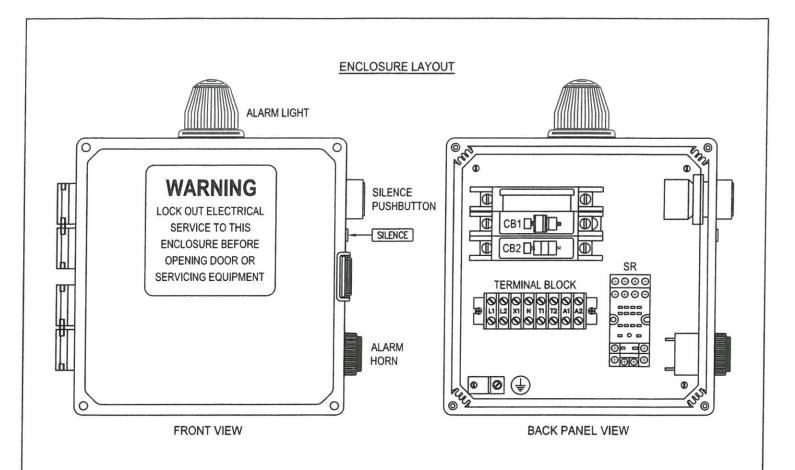
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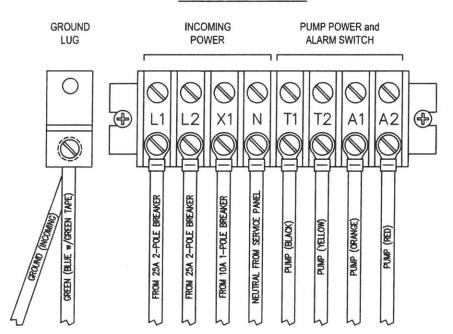
TITLE:

SIMPLEX GRINDER CONTROL and ALARM PANEL **ENCLOSURE LAYOUT and CONNECTION DIAGRAM**

CREATED BY:	DS	APPROVED BY:	SE
SCALE:	NTS (.375)	REVISION:	1
DATE:	6/27/13	SHEET: 1 OF:	2



CONNECTION DIAGRAM



PLEASE CONTACT SCOTT EMFINGER
PUMP & PROCESS EQUIPMENT, INC.
FOR QUOTE ON LIFT STATION PACKAGE
scott@pumpandprocess.net



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850.432.0334 Ofc · 850.432.1336 Fax

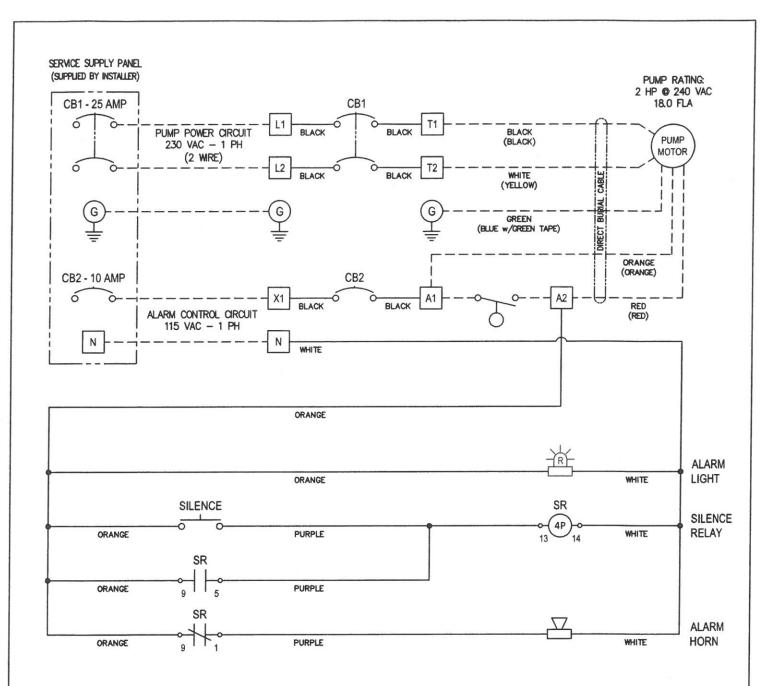
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TITLE:

SIMPLEX GRINDER
CONTROL and ALARM PANEL
ENCLOSURE LAYOUT and CONNECTION DIAGRAM

CREATED BY:	DS	APPROVED BY:	SE
SCALE:	NTS (.375)	REVISION:	1
DATE:	6/27/13	SHEET: 1 OF:	2





NOTES:

- TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FITTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.
- 2. PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.
- 3. FACTORY WIRING IS SHOWN ----
- 4. FIELD WIRING IS SHOWN
- 5. RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 in-lbs.
- 6. PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE.
- 7. FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE.
- 8. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().



TITLE:

PLEASE CONTACT SCOTT EMFINGER PUMP & PROCESS EQUIPMENT, INC. FOR QUOTE ON LIFT STATION PACKAGE scott@pumpandprocess.net



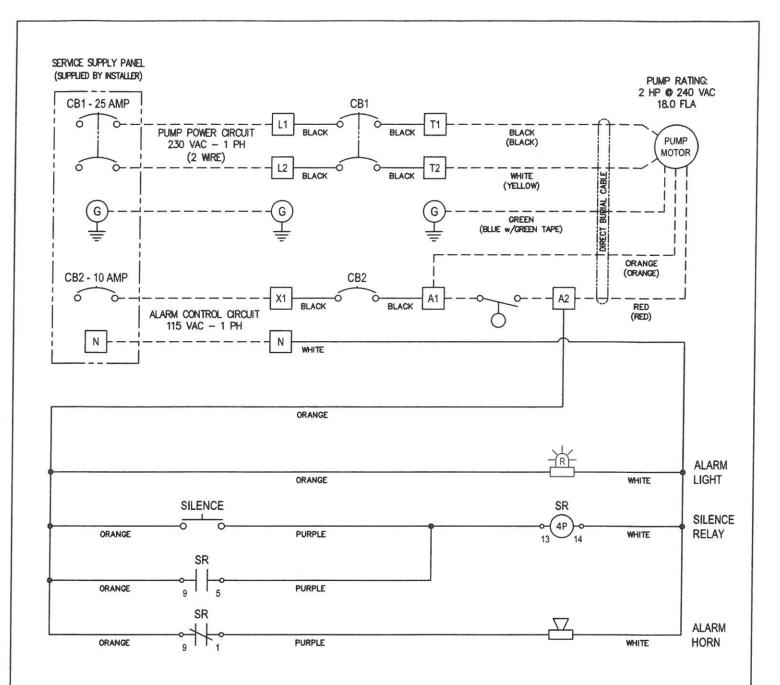
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1.888.GO4.PUMP · www.ppeinc.net

	CONTROL S	and ALARM PA				
CREATED BY:	DS	APPROVE	D BY:	SE		
SCALE:	NTS	REVISION:		REVISION:		1
DATE:	6/27/13	SHEET:	2 OF:	2		

SIMPLEX GRINDER



NOTES:

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- 2. PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.
- 3. FACTORY WIRING IS SHOWN
- 4. FIELD WIRING IS SHOWN
- 5. RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 in-lbs.
- 6. PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE.
- 7. FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE.
- 8. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().



TITLE:

PLEASE CONTACT SCOTT EMFINGER PUMP & PROCESS EQUIPMENT, INC. FOR QUOTE ON LIFT STATION PACKAGE scott@pumpandprocess.net



3820 Hopkins Street · Pensacola, FL 32505

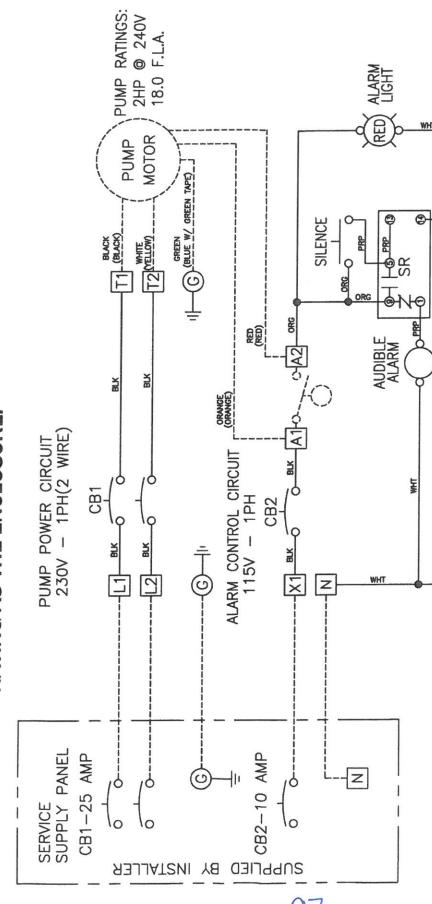
850.432.0334 Ofc · 850.432.1336 Fax

1.888.GO4.PUMP · www.ppeinc.net

CREATED BY:	DS	APPROVE	D BY:	SE
SCALE:	NTS	REVISION	l:	1
DATE:	6/27/13	SHEET:	2 OF:	2

SIMPLEX GRINDER
CONTROL and ALARM PANEL

NOTE: TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FTTINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.



1.) PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.

WH

FIELD WIRING IS SHOWN -2.)

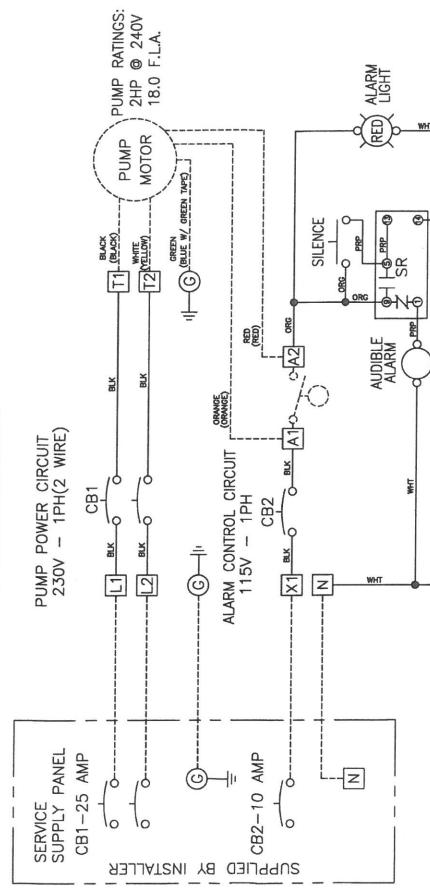
NOTES:

RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 IN-LBS.

6.5.

PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE. FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().

NOTE: TO PRESERVE ENVIRONMENTAL RATING, USE ONLY FITINGS AND HUBS WITH THE SAME ENVIRONMENTAL RATING AS THE ENCLOSURE.



1.) PANEL GROUND TERMINAL MUST BE CONNECTED TO EARTH GROUND.

WHT

FACTORY WIRING IS SHOWN

NOTES:

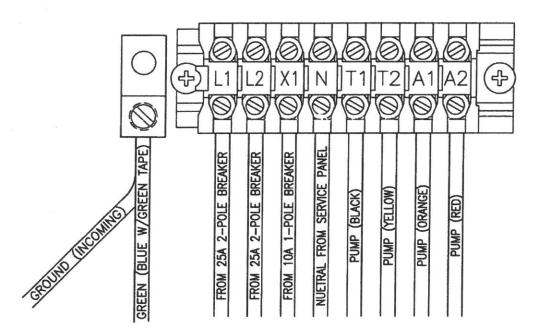
- FIELD WIRING IS SHOWN
- RECOMMENDED TIGHTENING TORQUES FOR TERMINAL BLOCK IS 8 IN-LBS.
 - PUMP MOTOR INCLUDES INTEGRAL OVERLOAD PROTECTIVE DEVICE.
- FIELD WIRING MUST BE A MINIMUM OF 60°C COPPER WIRE. WIRE COLORS FOR DIRECT BURIAL CABLE ARE INDICATED BY PARENTHESIS ().

116742 PANEL

CONNECTION **DIAGRAM** FOR CP & S 116742 **CONTROL PANEL**

INCOMING POWER ALARM SWITCH **CONNECTIONS**

PUMP POWER & CONNECTIONS



NOTE - WIRE COLORS FOR DIRECT BURIAL STYLE CABLES ARE IN PARENTHESIS ().

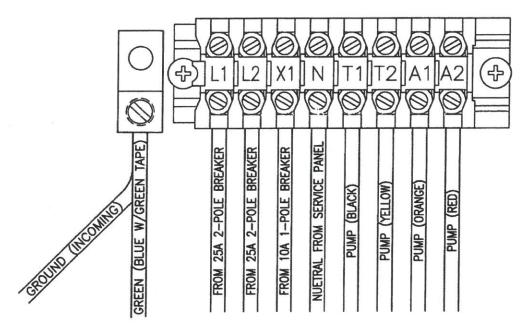
TOLERANCES	DRAWN BY	DATE	DIAGRAM CONNECTION		
DECIMALS	D. MIDDLETON	02/02/04	(CP & S PANEL)		
$.XX = \pm .010$	MATERIAL SPECIFICATION:				
맛, 개기에서 아마아 아이지 않는데 뭐하는 말	AC NOT	-0	SCALE: PART NO.		
ANGLES	AS NOTED		FULL 116742 PANEL		
	DECIMALS .XXX = ±.005 .XX = ±.010 FRACTIONAL X/X = ±.1/64	DECIMALS .XXX = ±.005 .XX = ±.010 FRACTIONAL X/X = ±.1/64 ANGLES D. MIDDLETON MATERIAL SPECIFICATION AS NOT	DECIMALS $.xxx = \pm .005$ $.xx = \pm .010$ FRACTIONAL $x/x = \pm .1/64$ ANGLES D. MIDDLETON $02/02/04$ MATERIAL SPECIFICATION: AS NOTED		

116742 PANEL

CONNECTION **DIAGRAM** FOR CP & S 116742 CONTROL PANEL

INCOMING POWER ALARM SWITCH **CONNECTIONS**

PUMP POWER & CONNECTIONS



NOTE - WIRE COLORS FOR DIRECT BURIAL STYLE CABLES ARE IN PARENTHESIS ().

CHANGES	TOLERANCES	DRAWN BY	DATE	DIAGRAM CONNECTION		
F	DECIMALS .xxx = ±.005	D. MIDDLETON	02/02/04	(CP & S PANEL)		
D	$.XX = \pm .010$	MATERIAL SPECIFICATION:				
C B	FRACTIONAL x/x = ±.1/64 ANGLES	AS NOT	ED	SCALE: PART NO. FULL 116742 PANEL		
Α	$X^* = \pm 1/2^*$			1 OLL		





Limited 5 Year Warranty

Crane Pumps & Systems warrants that products of our manufacture will be free of defects in material and workmanship under normal use and service for sixty (60) months after manufacture date, when installed and maintained in accordance with our instructions. This warranty gives you specific legal rights, and there may also be other rights which vary from state to state. In the event the product is covered by the Federal Consumer Product Warranties Law (1) the duration of any implied warranties associated with the product by virtue of said law is limited to the same duration as stated herein, (2) this warranty is a LIMITED WARRANTY, and (3) no claims of any nature whatsoever shall be made against us, until the ultimate consumer, his successor, or assigns, notifies us in writing of the defect, and delivers the product and/or defective part(s) freight prepaid to our factory or nearest authorized service station. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply. THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY AND ALL WARRANTIES WITH RESPECT TO ANY PRODUCT SHALL BE TO REPLACE OR REPAIR AT OUR ELECTION, F.O.B. POINT OF MANUFACTURE OR AUTHORIZED REPAIR STATION, SUCH PRODUCTS AND/OR PARTS AS PROVEN DEFECTIVE. THERE SHALL BE NO FURTHER LIABILITY, WHETHER BASED ON WARRANTY, NEGLIGENCE OR OTHERWISE. Unless expressly stated otherwise, guarantees in the nature of performance specifications furnished in addition to the foregoing material and workmanship warranties on a product manufactured by us, if any, are subject to laboratory tests corrected for field performance. Any additional guarantees, in the nature of performance specifications must be in writing and such writing must be signed by our authorized representative. Due to inaccuracies in field testing if a conflict arises between the results of field testing conducted by or for user, and laboratory tests corrected for field performance, the latter shall control. RECOMMENDATIONS FOR SPECIAL APPLICATIONS OR THOSE RESULTING FROM SYSTEMS ANALYSES AND EVALUATIONS WE CONDUCT WILL BE BASED ON OUR BEST AVAILABLE EXPERIENCE AND PUBLISHED INDUSTRY INFORMATION. SUCH RECOMMENDATIONS DO NOT CONSTITUTE A WARRANTY OF SATISFACTORY PERFORMANCE AND NO SUCH WARRANTY IS GIVEN.

This warranty shall not apply when damage is caused by (a) improper installation, (b) improper voltage (c) lightning (d) excessive sand or other abrasive material (e) scale or corrosion build-up due to excessive chemical content. Any modification of the original equipment will also void the warranty. We will not be responsible for loss, damage or labor cost due to interruption of service caused by defective parts. Neither will we accept charges incurred by others without our prior written approval.

This warranty is void if our inspection reveals the product was used in a manner inconsistent with normal industry practice and/or our specific recommendations. The purchaser is responsible for communication of all necessary information regarding the application and use of the product. UNDER NO CIRCUMSTANCES WILL WE BE RESPONSIBLE FOR ANY OTHER DIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO TRAVEL EXPENSES, RENTED EQUIPMENT, OUTSIDE CONTRACTOR FEES, UNAUTHORIZED REPAIR SHOP EXPENSES, LOST PROFITS, LOST INCOME, LABOR CHARGES, DELAYS IN PRODUCTION, IDLE PRODUCTION, WHICH DAMAGES ARE CAUSED BY ANY DEFECTS IN MATERIAL AND/OR WORKMANSHIP AND/OR DAMAGE OR DELAYS IN SHIPMENT. THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

No rights extended under this warranty shall be assigned to any other person, whether by operation of law or otherwise, without our prior written approval.

Pump Model/Serial #:Sales Order #:	Job Name:	
Factory Authorized Signature:	Title	



PUMPS & SYSTEMS

A Crane Co. Company

420 Third Street Piqua, Ohio 45356 Phone: (937) 778-8947 Fax: (937) 773-7157 www.cranepumps.com

83 West Drive, Bramton Ontario, Canada L6T 2J6 Phone: (905) 457-6223 Fax: (905) 457-2650





Limited 5 Year Warranty

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No rights extended under this warranty shall be assigned to any other person, whether by operation of law or otherwise, without our prior written approval.

Pump Model/Serial #:Sales Order #:	Job Name:	
Factory Authorized Signature:	Title	



PUMPS & SYSTEMS

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83 West Drive, Bramton Ontario, Canada L6T 2J6 Phone: (905) 457-6223 Fax: (905) 457-2650

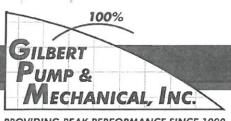


This proposal of Gilbert Pump & Mechanical, Inc.
(hereinafter called "BIDDER"), organized and existing under the laws of the State of Florida
doing business as GPM, Inc. ("a corporation", "a partnership" or
"an individual") hereby submitted to City of Port St. Joe (hereinafter called "OWNER")
In compliance with you Advertisement for Bids, BIDDER hereby proposes to supply all parts and
materials as described in the City of Port St. Joe – Sewer Grinder Pump Stations – July 2014 in strict
accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated
below.
By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto
certifies as to its own organization, that this BID has been arrived at independently, without
consultation, communication or agreement as to any matter relating to this BID with and other BIDDER
or with any competitor.
BIDDER hereby agrees to provide the grinder pumps at Bid Schedule Prices from the date to be specified
in the Agreement and continue to do so for a period of three years thereafter in accordance with the executed Agreement.
BIDDER acknowledges receipt of the following ADDENDUM Addendum No Addendum No Addendum No Addendum No

BID SCHEDULE

This is a lump sum bid. It is the Contractor's responsibility to carefully review the specifications and to visit the project to determine what is needed to do the whole project, and to reflect this in the LUMP SUM BID.

1. Grinder Pump Station (10 GPM @ 90' TDH)			
Model Number Model 2300		\$_1,79	5.00 /each
Brand/ Manufacturer Gilbert Pump &	Mechanical		
Manufacture Warranty Standard	Mechanical		
Product Delivery Time 1-2 weeks			
2. Grinder Pump Station (7 GPM @ 180' TDH)			
Model Number Model 2400		\$1,895.	.00 /each
Brand/ Manufacturer Gilbert Pump & N	1echania-1		
Manufacture Warranty Standard	nechanical	,	
Product Delivery Time 1-2 weeks	-		
All prices shall NOT include taxes.	-		
Respectfully Submitted: Br.An Wibness Signature Br.An Wibness	_Gilbert Pui	mp & Mech	anical, Inc.
VP	632-B L ov	Piov Pood	Company Name
Title /	632-B Lovejoy Road ^{Company} Name Fort Walton Beach, FL 32548		
7/29/14 Date	(850) 864-4		Address
			Phone Number
SEAL:			
(If Bid by Corporation)	r		



PROVIDING PEAK PERFORMANCE SINCE 1990

RFP - 2014 - 04 City of Port St. Joe Sewer Grinder Pump Stations July 2014

To Whom It May Concern,

We are pleased to offer our standard package in lieu of the specified equipment. We take exception to the project specifications and offer our standard package as an alternative to the City of Port St. Joe.

Brian Widman

Gilbert Pump & Mechanical, Inc.

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.



ENGINEERED PRODUCTS

Zoeller Family of Water Solutions

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347 SHIP TO: 3649 Cane Run Road · Louisville, KY 40211-1961 (502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

SECTION: Z4.10.120 ZM1516

1113 Supersedes

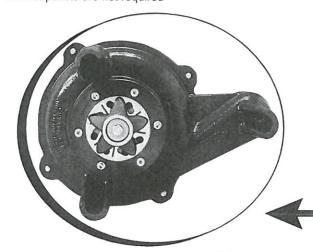
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visit our web site: www.zoeller.com

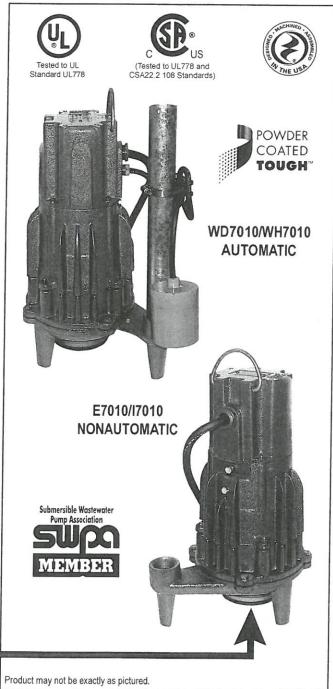
7010 GRINDER PUMP

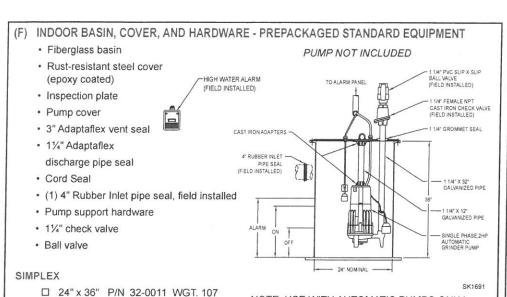
FEATURES:

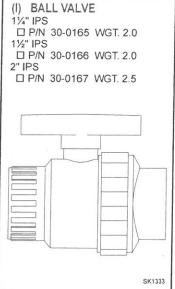
- Automatic with Integral Control, Nonautomatic Available
- · UL listed
- · Durable heavy duty, finned cast iron construction
- · Corrosion-resistant, powder coated epoxy finish
- · Legs provide for free-standing installation
- 2 HP, 60 Hz, 3450 RPM
- · Oil filled hermetically sealed motor with Class B insulation
- · Upper and lower ball bearings running in bath of oil
- · Hardened stainless steel cutter and disc
- · Cutters protected from abrasive solids
- · Stainless steel lifting handle, screws, and bolts
- · Carbon/silicon carbide mechanical shaft Seal
- · Viton o-rings and gasket
- · Automatic thermal overload protection
- Maximum operating temperature 130°F (54°C)
- · Control panels are not required



PUMP SYSTEMS WITH INTEGRAL CONTROL







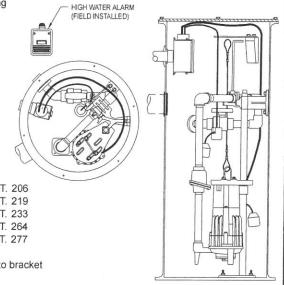
(G) OUTDOOR BASIN, COVER, AND RAIL SYSTEM ASSEMBLIES - STANDARD EQUIPMENT

- Fiberglass basin with anti-flotation ring
- 1¼" PVC discharge pipe
- 11/4" Rubber discharge pipe seal
- · Stainless steel square guide rail
- 1' Pull rod
- 8' SS lifting cable for basin depths to 84" (12' SS lifting cable for basin depths of 96")
- · 11/4" PVC ball valve
- 11/4" Cast iron check valve
- 1-4" Rubber inlet pipe seal, field installed
- Fiberglass Cover

SIMPLEX

SHALLEY		
□ 24" x 48"	P/N 33-0185	WGT. 206
□ 24" x 60"	P/N 33-0186	WGT. 219
□ 24" x 72"	P/N 33-0187	WGT. 233
□ 24" x 84"	P/N 33-0188	WGT. 264
□ 24" x 96"	P/N 33-0189	WGT. 277
OPTIONS:		

- 11/4" Stainless steel pipe from pump to bracket
- Anti-siphon device
- Pre-wired conduit (consult factory) other sizes available (consult factory)



NOTE: USE WITH AUTOMATIC PUMPS ONLY

(J) PULL RODS FOR SQUARE GUIDE RAIL SYSTEMS ONLY (Field-installed Systems) ☐ P/N 39-0069 WGT. 0.5 21/2 Ft. "L" □ P/N 39-0006 WGT. 1.0 31/2 Ft. "L" ☐ P/N 39-0007 WGT. 1.5 41/2 Ft. "L" □ P/N 39-0008 WGT, 1.5 51/2 Ft. "L" □ P/N 39-0009 WGT 20 SK2283

(H) RAIL SYSTEMS - (FIELD INSTALLED)

Z-Rail™ Disconnect System for 1¼" pump discharges

(rail system discharge is 2" NPT male thread)

All ductile iron construction

□ P/N 39-0134 WGT. 41

Ductile iron w/ SS Upper Rail Support

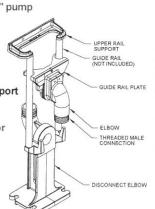
P/N 39-0135 WGT. 43

Intermediate Stabilizer Bracket for

Stainless steel

every 12' of depth.

☐ P/N 39-0139 WGT, 4



Square Guide Rail System for systems less than 96" deep)

PUMP NOT INCLUDED

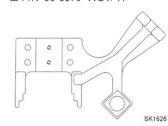
BASIN DEPTH

□ 48" P/N 39-0054 WGT. 90.5 □ 60" P/N 39-0055 WGT. 94.5 □ 72" P/N 39-0056 WGT. 98.5

Fits both round and square basins (includes square guide rail)

Basins over 72" deep require one additional angle arm bracket.

□ P/N 39-0070 WGT. 11



(K) SS LIFTING CABLE (Field-installed Systems)

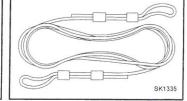
8 Ft.

□ P/N 39-0031 WGT. 1.0 12 Ft. □ P/N 39-0032 WGT. 1.0

16 Ft. □ P/N 39-0033 WGT. 1.0

20 Ft. □ P/N 39-0034 WGT. 1.0 24 Ft.

□ P/N 39-0035 WGT. 1.0



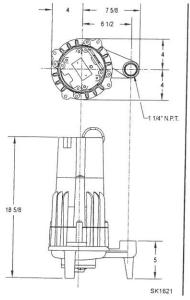
PREPACKAGED AND JOB READY SYSTEMS

	INDOOR						
REC).						
1	Grinder (auto or nonauto)	P/N (A					
1	Alarm system (optional)	P/N (B					
1	Weight only (required if alarm is used)	P/N 10-0689 (C)					
1	Junction box (optional)	P/N 10-0666 (E)					
1	Basin, cover and hardware	P/N(F)					

	OUTDOOR	
REG	Ω.	1
1	Grinder (auto or nonauto)	P/N (A
1	Control panel/alarm system	P/N (B
1	Float switch(es) (if required)	P/N (C
1	Weight(s) and bracket(s)	P/N(C
1	Junction box	P/N(E
1	Basin, cover and rail system	P/N (G

FIELD-MOUNTED SYSTEMS

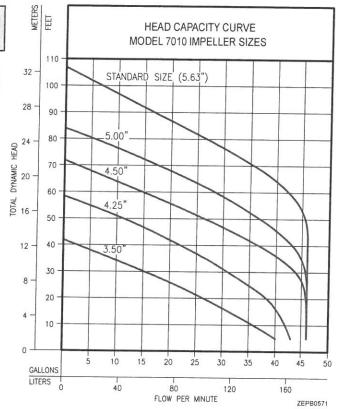
SIMPLEX							
RE	Q.						
1	Grinder (auto or nonauto)	P/N	(A)				
1	Alarm system (optional)	P/N	(B)				
1	Variable level float switch assm.(2)	P/N	(C)				
	(not required for auto pumps)						
1	Weight and bracket only	P/N 10-0661	(C)				
	(2 required if alarm is used)						
1	Junction box (optional)	P/N	(E)				
1	Rail system (optional)	P/N	(H)				
1	Angle arm/intermediate bracket (1)	P/N	(H)				
1	Pull rod (3)	P/N	(J)				
1	SS cable	P/N	_ (K)				



- Required for basins over 72" deep (square guide rail) and over 12' (Z-Rail™ Disconnect System) Allow for overhead clearances.
- (2) Hardwire pump, float switch, and power supply inside junction box
- (3) For square guide rail only

NOTE: Contact factory for control panel selection.

NOTE: Access doors available on field-mount systems, consult factory. Special basin configurations, consult factory.





ENGINEERED PRODUCTS

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Your Peace of Mind is Our Top Priority®

visit our web site: www.zoeller.com

Your Peace of Mind is Our Top Priority™

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> Submersible Wastewater Pump Association



ENGINEERED PRODUCTS

Zoeller Family of Water Solutions

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0311

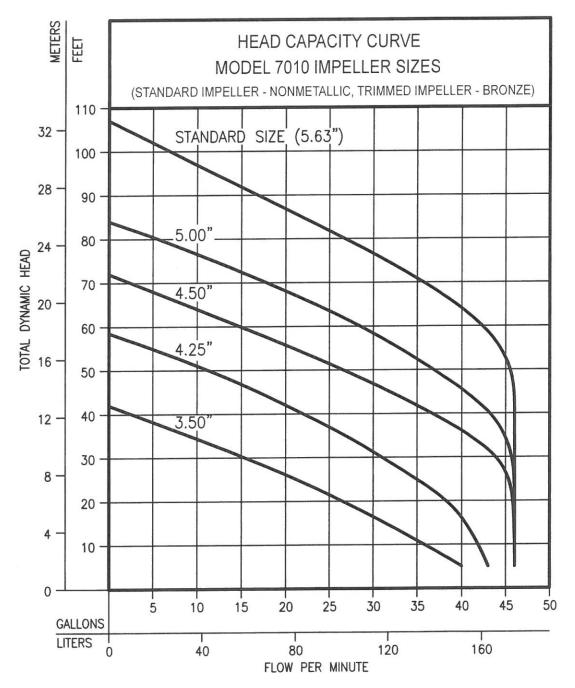
Supersedes
1209

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MODEL 7010 GRINDER PERFORMANCE DATA

2 HP - Single Seal



ZEPB0571

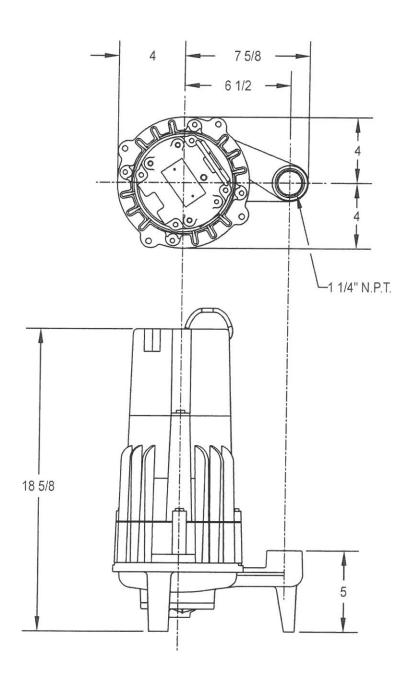


GRINDER PUMP

DIMENSIONAL DATA

1¼" Vertical Discharge Units Floor Mounted Models: 7010





SK1621

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SECTION: Z4.10.140

ZM1723 0311 Supersedes 1008

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ZOELLER ENGINEERED PRODUCTS SUBMERSIBLE GRINDER PUMP GUIDE SPECIFICATIONS Model 7010



1.01 GENERAL: Contractor shall furnish all labor, material, equipment and incidentals required to provide (QTY.) Model 7010 centrifuga grinder pump (s) as specified herein.
2.01 OPERATING CONDITIONS: Each submersible pump shall be rated at 2 HP, volts, single phase, Hz, 3450 RPM. The unishall produce GPM at feet of TDH.
The submersible pump shall be capable of handling sewage and grinding it into fine slurry enabling it to be pumped over long distances in pipelines as small as 1.25" in diameter. The submersible pump shall have a shut-off head of 107 feet and a maximum flow of 46 GPM at 5 feet TDH.
The pump shall be controlled with:an integrally mounted on/off float switch (automatic model)an externally mounted on/off float switcha NEMA 4X simplex control panel with 3 float switches and high water alarma NEMA 4X duplex control panel with 3 float switches and high water alarm.

3.01

CONSTRUCTION: Each centrifugal grinder pump shall be equal to the UL Listed model 7010 submersible type as manufactured by Zoeller Engineered Products of Louisville, Ky. (800-928-7867). The castings shall be constructed of class 30 cast iron. The motor housing shall be finned and oil-filled to dissipate heat. Air-filled motors shall not be considered equal since they do not properly dissipate heat from the motor. All external-mating parts shall be machined and sealed with a Viton square ring. All fasteners exposed to the liquid shall be 300 series stainless steel. The motor shall be protected in the event of cord damage with a sealed junction chamber which will prevent moisture wicking into the motor housing. The motor shall be protected on the lower side with a single mechanical seal. The upper and lower ball bearings shall be capable of handling all thrust and radial thrust loads. The pump housing shall be of the concentric design thereby equalizing the pressure forces inside the housing, which will extend the service life of the seals and bearings. The pump shall have a SS lifting bracket.

4.01

ELECTRICAL POWER CORD: The submersible pump shall be supplied with 20' (____ 35' or ___ 50' optional) of multiconductor power cord. It shall be SO type cord capable of continued exposure to the pumped liquid. Power cord shall be sized for the rated full load amp loading of the pump in accordance with the National Electrical Code. Power cable shall enter into the junction box through a compression type-sealing gland. Water sealing and strain relief are separated. The entire junction chamber shall be sealed off from the motor housing by through wall terminals to protect the motor from moisture.

5.01

MOTOR: The oil-filled motor shall be a Class B insulated NEMA B design rated for continuous duty. At maximum load, the winding temperature will not exceed 220 degrees F unsubmerged. Since air-filled motors are not capable of dissipating heat, they shall not be considered equal. The pump motor shall have an integral thermal overload switch in the windings for protecting the motor. Bimetallic thermal sensors are not acceptable. The capacitor circuit shall be mounted internally in the pump's integral junction box.

6.01

BEARINGS AND SHAFT: Upper and lower ball bearings made of high carbon chromium steel shall be provided to prevent shaft deflection by withstanding all thrust and radial loads. The bearing system shall be designed to enable proper cutter alignments from shut off head to maximum load at 5 feet of TDH. The motor shaft shall be made of 416 SS and have a minimum diameter of .625".

7.01 SEALS: Pump shall have a single mechanical seal protecting the motor from the pumped liquid, seal assembly having carbon stationar and silicon carbide rotary faces with buna-n elastomer and 316 SS spring. It shall be equal to a Crane Type 6a configuration.
Optional seal faces shall besilicon carbide / silicon carbide.
8.01 IMPELLER: The impeller shall be engineered, glass-filled plastic with a stainless steel insert and with pump out vanes on the bac shroud to keep debris away from the seal area. It shall be keyed and bolted to the motor shaft.
An optional fully balanced bronze vortex impellerAn optional bronze impeller trimmed to meet a design point of GPM at' TDH (requires bronze impeller option above)
8.02 CUTTER MECHANISM: The cutter and plate shall be constructed of 440C SS with a Rockwell C hardness of 55 - 60. The stationar cutter plate shall have specially designed orifices machined through it which enable the slurry to flow through the pump housing at an equalized pressure and velocity. The rotating "star" cutter design shall have double-sided cutting blades. Cutter designs incorporating close tolerance and those that grind on the outside circumference of the rotary plate shall not be considered equal.
9.01 PAINTING: The exterior castings of the pump shall be protected with green powder coated epoxy finish.
10.01 SERVICEABILITY: Components required for the repair of the pump shall be readily available within 24 hours. Components such as mechanical seals and bearings shall not be of a proprietary design and be available from local industrial supply houses. Special tools shall not be required to service the pump. A network of service stations shall be available nationwide in those cases where service requirements are beyond the scope of in-house service mechanics.
11.01 SUPPORT: The pump shall have cast iron support legs enabling it to be a free standing unit. The legs will be high enough to allow solids and long stringy debris to enter the cutter assembly.
For those installations requiring a field assembled rail system:
Rail system with pump suspended by means of a sealed pump plate attached to the pump. Rail and guide brackets shall be SS. Rail pipes and lifting cable are to be provided by others. SS intermediate stabilizer required for rail systems used where basin depths are greater than 12 feet.
For those "Outdoor" installations requiring a factory assembled basin package:Simplex system with a" diameter by" depth basinDuplex system with a" diameter by" depth basin.
For those "Indoor" installations requiring a factory assembled basin package:Simplex system with a" diameter by" depth basinDuplex system with a" diameter by" depth basin.
12.01 TESTING: Each pump shall be operated and tested in liquid during its production process. It shall be checked at its maximum running point for performance, amps, grounding, winding insulation, and water tightness.
An optional certified test based on the Hydraulic Institute or SWPA (Submersible Wastewater Pump Association) Test Standard for submersible pumps.
Start up services at the job site by an authorized representative of Zoeller Engineered Products shall be required. Start-up report form ZM1074 should be completed in the presence of the installers and returned to the Project Engineer or Zoeller Engineered Products.
13.01 WARRANTY: Standard warranty shall be 12 months from date of installation or 18 months from date of manufacture. Warranty repairs shall be provided by an authorized service station.
MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347 SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961 (502) 778 2731 • 1 (800) 628 PI MO • 502 V774 3624 visit our web site:

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MODEL 7010 GRINDER PUMP PRODUCT FEATURES 2 HP - Single Seal



10

ZEPA0600B

APPLICATIONS

· Sanitary Sewage · Housing Developments · Pressure Sewers

SPECIFICATIONS

PUMP:

- · Automatic with integral on-off switch.
- · Discharge Size 11/4" NPT vertical.
- · Mechanical Seal carbon/silicon carbide, with Buna-N elastomers.
- · Construction Cast Iron ASTM A-48, Class 30, 30,000# tensile strength.
- · Corrosion resistant powder coated epoxy finish.
- · Stainless Steel cutter and plate hardened to Rockwell C 55-60.
- · Attaching Hardware and Lifting Handle 304 stainless steel.
- · Square Ring Seals Viton.
- Impeller Engineered, glass-filled plastic with SS insert and top pump out vanes.

OPTIONAL:

- □ Nonautomatic configuration
 □ Trimmed Impeller (Bronze Only)
 □ Additional cord length ___ ft.
 □ Pre-packaged Systems
- $\hfill \square$ Silicon Carbide/Silicon Carbide Seal $\hfill \square$ Rail Systems
- ☐ Bronze Impeller

MOTOR:

- 2 HP, 3450 RPM.
- · Capacitor Start/Run Motor with internal starting circuit.
- 1 Phase 200 & 230 Volt with integral Thermal Overload.
- · Stainless Steel Motor shaft.
- Stator Class B insulation and lead wires.
 Nema B design.
- · Housing Cast Iron, oil-filled, protected by cooling fins.
- · Upper & Lower Ball Bearings Dual high carbon chromium steel.
- · Power Cable Length 20'.

DIMENSIONS:

Height: 18 ⁵/₈" Major Width: 11 ⁵/₈" Weight: 88 lbs.





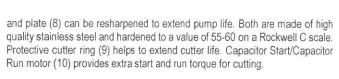


Tested to UL778 Standards.

FEATURES

EASY INSTALLATION: Pump is normally supplied with twenty feet of multi conductor, power cable (1) as standard, with automatic units furnished with an integral on/off mechanical float switch. Alternate cable lengths are available. Units have 3 legs (2) as an integral part of pump housing for free standing requirements. Pump and motor assembly can be easily lowered into position, without disturbing the piping, by use of a rail system. Pump is furnished with a stainless steel lifting handle (3).

Long lasting internal components - Class B insulation system (4) rated for 130°F (54°C) max. liquids. Thermal protection (5) standard on all motors. Conservatively rated antifriction ball bearings (6) for thrust loads. Finned, oil filled motor housing (7) for greater heat dissipation, and cooler running motors. Cutter



Complete environmental protection - Viton square rings (11) and heavy duty cord connectors (12) keep liquid from entering the motor assembly. Motor housing is constructed of finned powder coated epoxy coated Class 30 cast iron (13). Hardware (14) is stainless steel. Seal faces (15) are carbon/silicon carbide for corrosion resistance and provide complete protection for motor internals. Seal has stainless steel and Buna-N components. Vent hole helps prevent air locking. Engineered plastic vortex impeller (16) with top pump out vanes for seal protection is keyed and bolted to the shaft. The pump housing (17) has a concentric design thereby equalizing the pressure forces inside the housing, which will extend the service life of the seal and bearings. All pumps come with 1½" NPT female vertical discharge (18).

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ZM2345 1211

0311

Supersedes

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MODEL 7020 & 7021 GRINDER PUMPS PRODUCT FEATURES

1 and 2 HP - Progressing Cavity



APPLICATIONS

- · Sanitary Sewage Pumping Stations
- · Pressure Sewage Systems
- · Commercial and Residential Sewage Removal

SPECIFICATIONS

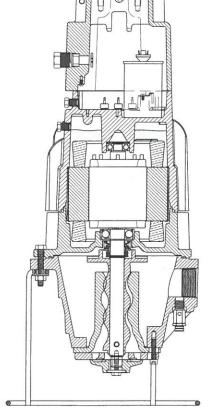
PUMP:

- Discharge size 1¼" NPT horizontal.
- Seals mechanical carbon/stationary, ceramic/rotary, with Buna-N elastomers.
- Construction Motor housing, cover, adapter and pump housing cast iron ASTM A-48,
 Class 30, 30,000# tensile strength, corrosion resistant powder coated epoxy finish.
- Attaching hardware 304 stainless steel.
- · Square ring and gasket Viton.
- · Stainless steel cutter and plate hardened to Rockwell C 55-60.
- · Pressure relief valve.
- · Stainless steel legs provide for free standing installation.
- · Stainless steel helix hydraulic rotor.
- · Buna-N hydraulic stator.

MOTOR:

- · 1 Phase 230 volt, 1750 RPM, 1 & 2 HP.
- · Permanent Split Capacitor (PSC) motor.
- · Stator Class B insulation and lead wires.
- · Nema B design.
- · Integral thermal overload protection with automatic reset.
- · Housing Finned cast iron, oil-filled.
- · 416 SS motor shaft.
- · Upper and lower ball bearings Dual high carbon chromium steel.
- 20 ft. power cord with 15 amp plug (extended cord lengths available).



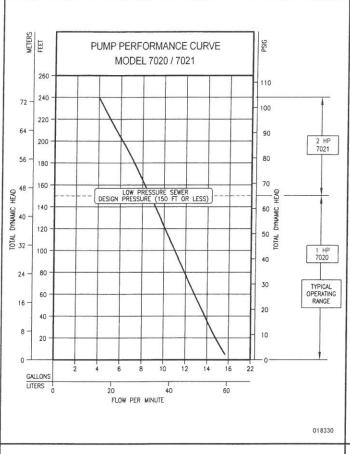


Electrical Data and Control Panel Selections

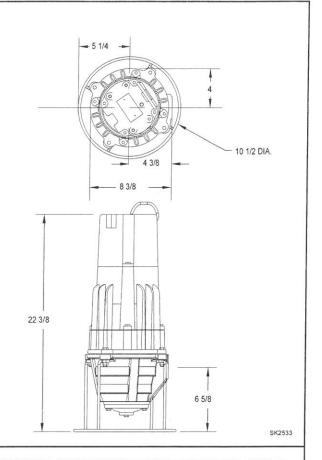
	un	Volts	Volts Phase A		Piggyback Float Control w/ Remote Alarm		NEMA 4X Si	mplex Panels	
Models	HP			Phase An	Phase	Amps	Qwik-Box	Float Switch	A-Pak
E7020	1	230	1	7.0	10-0580	10-0035	10-0623	10-2006	10-1212
E7021	2	230	1	10.5	10-0580	10-0035	10-0623	10-2006	10-1212

^{*}The Plugger Type NEMA 4X panel measures 8" X 6" X 4" and includes a red beacon and audible high water alarm with TNS switch. It includes a receptacle for use with a piggyback pump control switch. The enclosure has a lockable latch. Piggyback pump control and alarm floats are not included. Floats are available in 20', 25' and 35' lengths (see ZM1536).

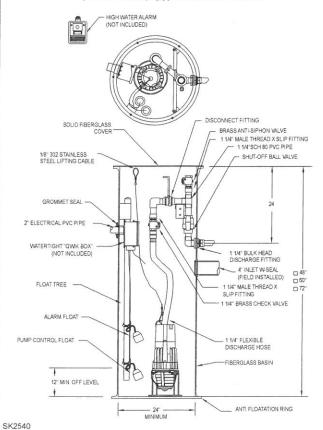
^{**}The Standard Type NEMA 4X panel measures 8" X 6" X 4" and includes a red beacon and audible high water alarm with TNS switch. A circuit breaker, HOA switch and pump run light are included. Control and alarm fuses are mounted on circuit board. The enclosure has a lockable latch. The Pump Control and Alarm switches are not included. Use with 10-2145 junction box or connect electrical cables directly to control panel.



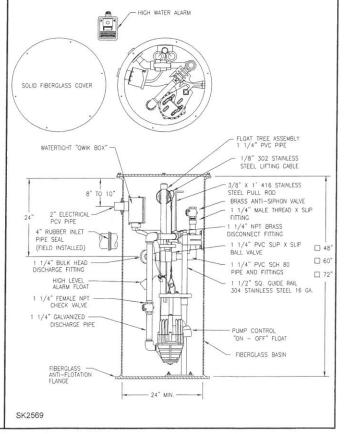
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PACKAGED SYSTEM WITH FLEXIBLE HOSE DISCONNECT (shown with piggyback float control)



PACKAGED SYSTEM WITH SQUARE GUIDE RAIL SYSTEM (shown with piggyback float control)



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1211

Supersedes 0311

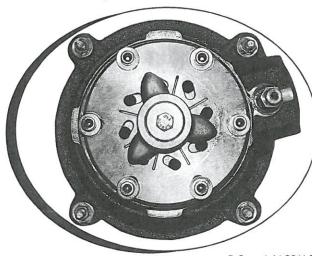
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THE SILVEN BERNERS

PROGRESSING CAVITY GRINDER PUMP

FEATURES:

- · Finned Class 30 Cast Iron Construction
- · Corrosion Resistant Powder Coated Epoxy Finish
- · Discharge Size 11/4" NPT
- 1 & 2 HP, 60 Hz, 1750 RPM
 Model 7020 1 HP, 230 Volts/1 Ph
 Model 7021 2 HP, 230 Volts/1 Ph
- · UL Listed 20 ft. 3-wire neoprene cord with 15 amp plug
- Oil-Filled Hermetically Sealed Motor with Class B Windings
- Hardened Stainless Steel Cutter and Disc, Rockwell C55-60
- · Stainless Steel Hydraulic Pump Rotor
- · Pressure Relief Valve
- Upper and Lower Ball Bearing Construction
- · Carbon/Ceramic mechanical seal
- · Viton Square Rings and Gasket
- Integral Thermal Overload Protection with Automatic Reset
- · SS Mounting Stand for free standing installation
- · Preassembled Systems Available







Product may not be exactly as pictured.



GRINDER SYSTEMS

(A) GRINDER STANDARD FEATURES:

- · 11/4" NPT Discharge
- Carbon/Ceramic Tandem Seals
- · Thermal Overload protection
- · Hydraulic SS Rotor and Buna-n Stator
- · Stainless Steel Cutter Plate / Cutter
- · Stainless Steel Shaft
- · Stainless Steel Hardware
- · Viton Square Rings and Gasket
- · Corrosion resistant powder coated epoxy paint
- 20 ft. Power Cord Cord

OPTIONS:

- ☐ 25' Long Cords
- ☐ 35' Long Cords
- □ 50' Long Cords

(A) 7020 & 7021 PROGRESSING CAVITY GRINDER 1 OR 2 HP 11/4" N.P.T. DISCHARGE

P/N	WGT.	MODEL	VOLTS	PH	HP	AMP
□ 7020-0004	88	E7020	230	1	1	7.0
□ 7021-0004	91	E7021	230	1	2	10.5

Maximum operating temperature 130°F (54°C).

▲ CAUTION To ensure proper pump operation, a swing or flapper style check valve must be installed in the pump discharge line. A faulty or non-functional check valve when combined with a pressure sewer may prevent the pump from starting.

Note: All variable level float switches in this section are mechanically activated and do not contain mercury.

ELECTRICAL - CONTROL / ALARM / FLOATS / JUNCTION BOX (SELECT 1 OF THE 3 COLUMNS)

SIMPLEX PANEL QWIK BOX w/ FLOAT SWITCH **PLUGGER PANEL** (B) CONTROL PANEL (B) CONTROL PANEL (B) ALARM PANEL ☐ P/N 10-1212 Simplex panel. ☐ P/N 10-2006 Plugger panel, ☐ P/N 10-0623 Indoor/Outdoor NEMA 4X, with high water NEMA 4X with high water alarm alarm and pump circuit breaker, high water alarm with 15' and 230 volt receptacle. less float switches. control switch. □ P/N 10-0126 NEMA 4X high (C) FLOAT SWITCHES -(C) FLOAT SWITCHES water alarm with 15' control 2 required 2 required switch and dry contact. Pump: One pump switch Pump: One pump switch Alarm: One control switch Alarm: One control switch ☐ P/N 10-1494 Indoor high water ☐ P/N 10-0706 piggy-back pump alarm with 15' control switch. switch with 20' cord ☐ P/N 10-0706 piggy-back pump ☐ P/N 10-0311 piggy-back pump switch with 20' cord switch with 25' cord ☐ P/N 10-0311 piggy-back pump (C) PUMP SWITCH & WEIGHT switch with 25' cord ☐ P/N 10-1956 piggy-back pump 1 pump switch required switch with 35' cord ☐ P/N 10-1956 piggy-back pump Single piggy-back type 230 volt 13 switch with 35' cord ☐ P/N 10-0744 mechanical control amp switch with 20' cord ☐ P/N 10-0744 mechanical control ☐ P/N 10-1877 mechanical control ☐ P/N 10-0035 with 15' cord switch with 20' cord switch with 25' cord ☐ P/N 10-1877 mechanical control ☐ P/N 10-1878 mechanical control ☐ P/N 10-0689 weight for alarm switch with 25' cord switch with 35' cord float (Indoor Systems only) ☐ P/N 10-1878 mechanical control switch with 35' cord (D) JUNCTION BOX optional ☐ P/N 10-2145 NEMA 4X with (D) JUNCTION BOX -(D) JUNCTION BOX 3 cord seals and conduit J-Box not recommended with this 1 required connection. type control. □ P/N 10-0580 Qwik-Box, NEMA 4X with 230 volt receptacle

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11-

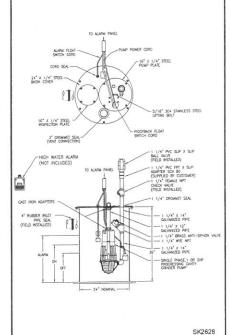
(E) INDOOR AND OUTDOOR PACKAGED SYSTEMS - PUMP & CONTROLS NOT INCLUDED

INDOOR SYSTEM

FIBERGLASS BASIN
Pump suspended from steel cover

☐ P/N 32-0029 24" X 36"

E ...

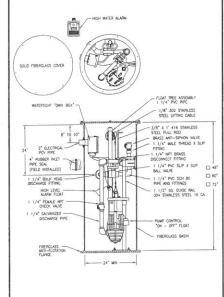


- · Fiberglass Basin
- · Rust Resistant Steel Cover (epoxy coated)
- Inspection Plate
- · Pump Plate
- 3" Adaptaflex Vent Seal
- 1¼" Adaptaflex Discharge Pipe Seal
- · Cord Seal
- 1-4" Rubber Inlet Pipe Seal Field Installed
- · Pump Support Hardware
- 11/4" Brass Anti-siphon Device
- 1¼" NPT Brass Check Valve
- Ball Valve

OUTDOOR SYS. W/ SQUARE GRS

FIBERGLASS BASIN & COVER SQUARE GUIDERAIL SYSTEM

- ☐ P/N 33-0491 24" X 48"
- ☐ P/N 33-0492 24" X 60"
- □ P/N 33-0493 24" X 72"

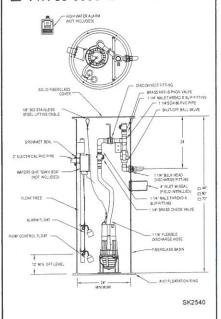


- · Fiberglass Basin with Anti-flotation Ring
- 1½" Galvanized pump discharge piping to disconnect
- 1½" PVC Discharge Pipe from Disconnect
- 1¼" Adaptaflex Discharge Pipe Seal
- · Stainless Steel Square Guide Rail System
- 1' Pull Rod
- · 8' SS Lifting Cable
- · 11/4" PVC Ball Valve(s)
- · 11/4" Brass Check Valve(s)
- 1¼" Brass Anti-siphon Device
- PVC Float Tree
- 1-4" Rubber Inlet Pipe Seal (Field Inst.)
- · Fiberglass Cover

OUTDOOR SYS. W/ FLEX HOSE DC

FIBERGLASS BASIN & COVER
1.25" FLEXIBLE HOSE
W/ DISCONNECT

- ☐ P/N 35-0006 24" X 48"
- ☐ P/N 35-0007 24" X 60"
- ☐ P/N 35-0008 24" X 72"



- · Fiberglass Basin with Anti-flotation Ring
- Flex-hose Discharge Assembly with Disconnect Fitting
- 11/4" PVC Discharge Pipe from Disconnect
- 1¼" Adaptaflex Discharge Pipe Seal
- · 1' Pull Rod
- · 8' SS Lifting Cable
- 1½" PVC Ball Valve(s)
- · 11/4" Brass Check Valve(s)
- · 11/4" Brass Anti-siphon Device
- PVC Float Tree
- 1-4" Rubber Inlet Pipe Seal (Field Inst.)
- Fiberglass Cover

(F) ACCESSORIES FOR FIELD ASSEMBLED SYSTEMS

FLEX-HOSE DISCHARGE ASM.

☐ P/N 10-2038 w/30" hose

SQUARE GUIDE RAIL SYSTEM

- ☐ P/N 39-0106 48" Deep Basin
- ☐ P/N 39-0107 60" Deep Basin
- ☐ P/N 39-0108 72" Deep Basin
- ☐ P/N 39-0070 Rail Extension Bracket

SS LIFTING CABLES AND ROD

- ☐ P/N 39-0031 8' Cable ☐ P/N 39-0032 12' Cable
- ☐ P/N 39-0069 1' Rod

☐ P/N 39-0069 1 R00

PREWIRED CONDUIT (10-0580 Qwik Box Required)

- □ 5100-0016 25¹
- □ 5100-0017 35¹
- □ 5100-0018 50'

GALVANIZED 1.25" DISCHARGE

ELBOW

□ P/N 018386

CHECK VALVE

☐ P/N 30-0223 1.25" NPT Brass

BALL VALVE

☐ P/N 30-0165 1.25" PVC

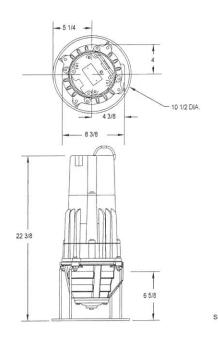
PREPACKAGED AND JOB READY SYSTEMS

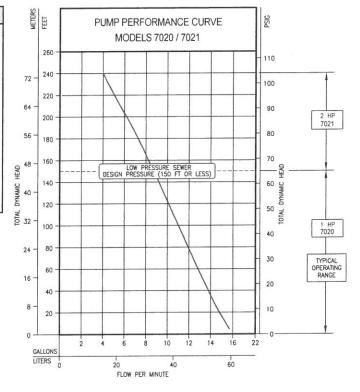
	INDOOR							
RE	Q.							
1	7020 or 7021 Grinder	P/N	(A)					
1	Alarm Panel	P/N	(B)					
1	Piggyback Pump Switch	P/N	(C)					
1	Weight for Alarm Float	P/N	(C)					
1	Basin, Cover and Hardware	P/N	(E)					

	OUTDOOR							
RE	Q.							
1	7020 or 7021 Grinder	P/N	(A)					
1	Control Panel/Alarm System	P/N	(B)					
1	Piggyback Pump Switch	P/N	(C)					
1	Control Switch (if required)	P/N	(C)					
1	Junction Box (if required)	P/N	(D)					
1	Package Basin Assembly	P/N	(E)					

FIELD MOUNT SYSTEMS

	SIMPLEX							
REC	Q		november 1					
1	7020 or 7021 Grinder	P/N	(A)					
1	Control Panel / Alarm System	P/N	(B)					
1	Piggyback Pump Switch	P/N	(C)					
1	Control Switch (if required)	P/N	(C)					
1	Weight for Alarm Float (if required)	P/N	(C)					
1	Junction Box (Optional)	P/N	(D)					
1	Optional Accessories	P/N	(F)					
		P/N	(F)					
		P/N	(F)					
		P/N	(F)					





018330ZEP



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CSI CONTROLS RKESF230CB-I29

SIMPLEX FLOAT, 115/230VAC I-PHASE CONTROL PANEL

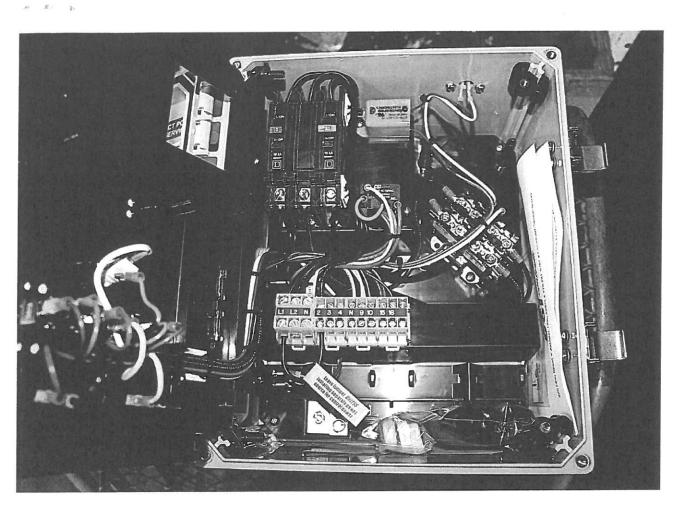
ITEM	QTY	CIRCUIT DESIGNATION	DESCRIPTION	P/N	MFGR.
1	1		Enclosure	H121006 (Black)	Integra
2	1		Backpanel	BP-1897	CSI Controls
3	1		Inner Door/ Controller	RK-E	CSI Controls
4	1	PUMP	Circuit Breaker	QOU220	Square D
5	1	CONTROL	Circuit Breaker	QOU110	Square D
6	1	M1	Motor Contactor	8910DP22V02	Square D
7	1	AUDIBLE	Piezo Audible Alarm	11D3120-TA	DB Products
8	1	TOUCH PAD	Touch-to-Silence Plate	3x3 ALUM.	CSI Controls
9	1	ALARM LIGHT	Alarm Light	R25-L-15	Ingram
10	1		3 Terminal, 65A block	NDN63-WH	Magnum
11	3		3 Terminal, 40A block	NDN3-WH	Magnum
12	1		Ground Lugs	ILSAUO	ILSCO
13	Req.		Labels		

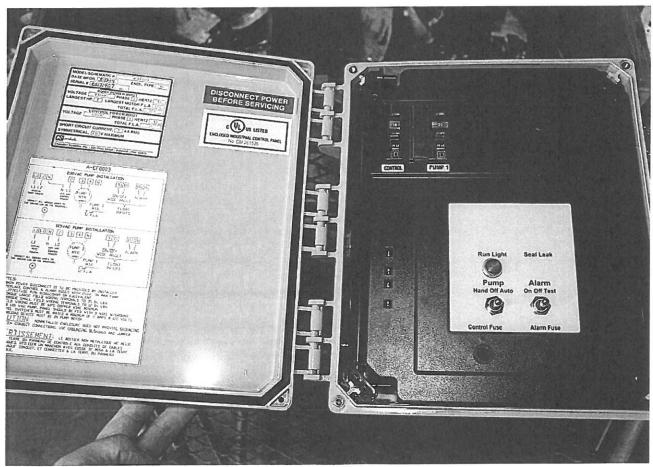
Notes:

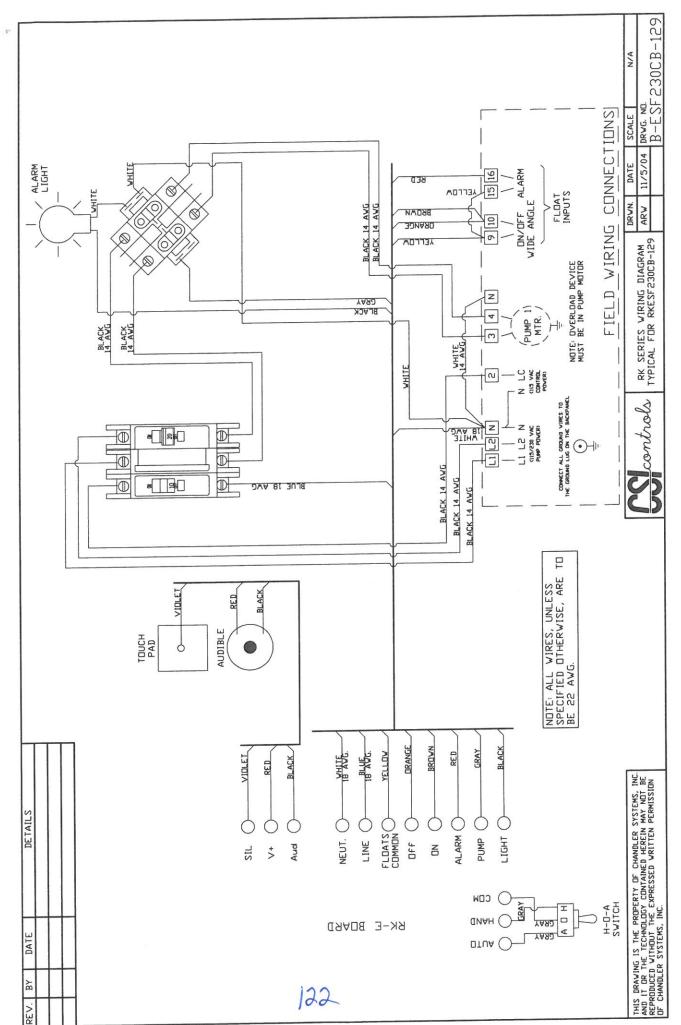
EACH PANEL WILL RECEIVE THE FOLLOWING FLOATS:

1 AS20Y2000 1 HF20U2000

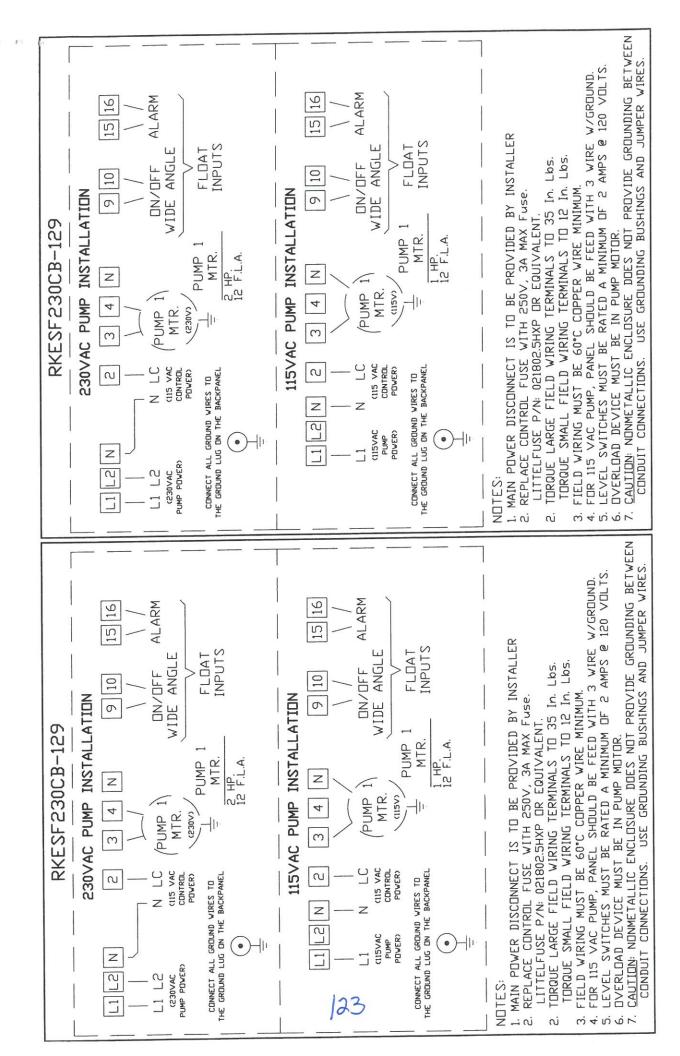
2 METAL CLAMPS (SSPMFB)







£i



	MODEL COLEMATIC # CHANALISA
MODEL/SCHEMATIC# RKESF 2300B-129	
	SERIAL #
VOLTAGE 115/230 VAC PHASE 1 HERTZ 60 LARGEST HP. 2 LARGEST MOTOR F.L.A. 12.0 TOTAL F.L.A. 12.0	VOLTAGE [115/230 VAC] PHASE [1] HERTZ 60 LARGEST HP. 2 LARGEST MOTOR F.L.A. 12.0 TOTAL F.L.A. 12.0
VOLTAGE TISVAC PHASE 1 HERTZ 60 TOTAL F.L.A. 10	VOLTAGE 115VAC PHASE 1 HERTZ 60 TOTAL F.L.A. 10
SHORT CIRCUIT CURRENT: 5 KA RMS SYMMETRICAL, [115]V MAXIMUM	SHORT CIRCUIT CURRENT: [5] KA RMS SYMMETRICAL, [115] V MAXIMUM
Chandler Systems, Inc 220 Ohio Street - Ashland, Ohio 44805	Chandler Systems, Inc 220 Ohio Street - Ashland, Ohio 44805
OCB-129	MATIC # RKE
DATE MFGR ENCL. TYPE 4x SERIAL #	DATE MFGR. SERIAL #
VOLTAGE 115/230 VAC PHASE 1 HERTZ 60 LARGEST HP. 2 LARGEST MOTOR F.L.A. 12.0 TOTAL F.L.A. 12.0	VOLTAGE 115/230 VAC PHASE 1 HERTZ 60 LARGEST HP. 2 LARGEST MOTOR F.L.A. 12.0 TOTAL F.L.A. 12.0
VOLTAGE 115VAC PHASE 1 HERTZ 60 TOTAL F.L.A. 10	VOLTAGE 115VAC PHASE 1 HERTZ 60 TOTAL F.L.A. 10
SHORT CIRCUIT CURRENT: [5] KA RMS SYMMETRICAL, [115]V MAXIMUM	SHORT CIRCUIT CURRENT: 5 KA RMS SYMMETRICAL, [115]V MAXIMUM
Chandler Systems, Inc 220 Ohio Street - Ashland, Ohio 44805	Chandler Systems, Inc 220 Ohio Street - Ashland, Ohio 44805

This proposal of Wallace Pump & Supply Co. Inc.
(hereinafter called "BIDDER"), organized and existing under the laws of the State of Florida
doing business as ("a corporation", "a partnership" or
"an individual") hereby submitted to City of Port St. Joe (hereinafter called "OWNER")
In compliance with you Advertisement for Bids, BIDDER hereby proposes to supply all parts and
materials as described in the City of Port St. Joe – Sewer Grinder Pump Stations – July 2014 in strict
accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated
below.
By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto
certifies as to its own organization, that this BID has been arrived at independently, without
consultation, communication or agreement as to any matter relating to this BID with and other BIDDER
or with any competitor.
BIDDER hereby agrees to provide the grinder pumps at Bid Schedule Prices from the date to be specified
in the Agreement and continue to do so for a period of three years thereafter in accordance with the executed Agreement.
BIDDER acknowledges receipt of the following ADDENDUM Addendum No Addendum No Addendum No Addendum No

BID SCHEDULE

This is a lump sum bid. It is the Contractor's responsibility to carefully review the specifications and to visit the project to determine what is needed to do the whole project, and to reflect this in the LUMP SUM BID.

1. Grinder Pump Station (10 GPM @ 90' TDH)	\$ 2798.00 /each
Model Number LSG 202M	
Brand/ Manufacturer Liberty	_
Manufacture Warranty 3 years	
Product Delivery Time 3-5 dows	
2. Grinder Pump Station (7 GPM @ 180' TDH)	\$ 3216.00 /each
Model Number LSGX 202M	
Brand/ Manufacturer Liberty	
Manufacture Warranty 3 years	*
Product Delivery Time 3-5 days	
All prices shall <u>NOT</u> include taxes.	
Respectfully Submitted:	
Signature Signature	Wallace Pump + Supply Co., Inc
Operations Manager Title	824 N. 15th St. Mexico Beach Address
7-78-14	850-648-8-161
Date	Phone Number
SEAL:	
	e p
(If Bid by Corporation)	

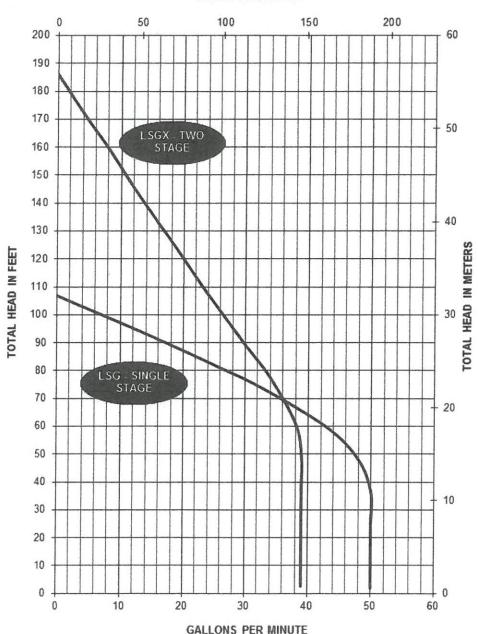




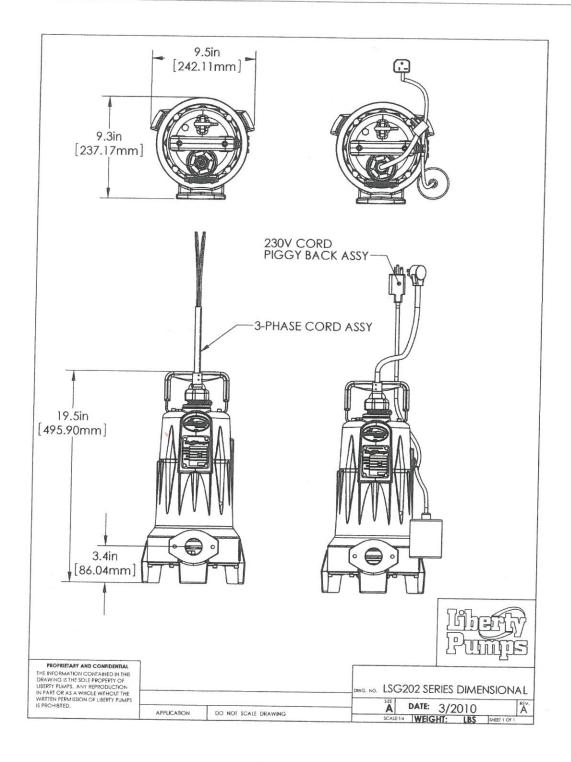
Pump Specifications

LSG200-SERIES (SINGLE STAGE)
LSGX200-SERIES (TWO STAGE)
Omnivore® 2HP Submersible Grinder Pumps

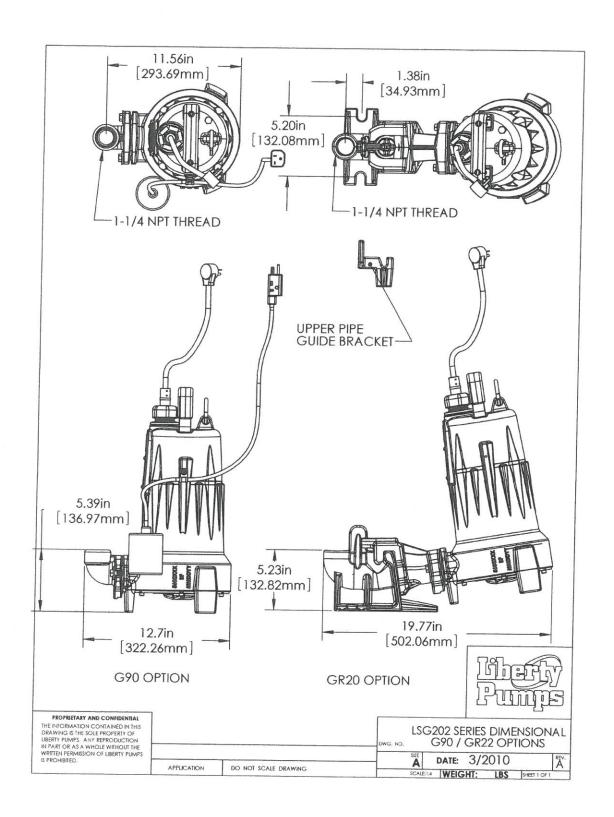
LITERS PER MINUTE











LSG/LSGX 200-Series Electrical data

MODEL	H P	VOLTAGE	PHASE	SF	FULL LOAD AMPS	LOCKED ROTOR AMPS	THERMAL OVERLOAD TEMP	STATOR WINDING CLASS	CORD LENGTH FT	DISCHARGE	AUTOMATIC
LSG202A	2	208/230	1	1.0	15	53	105°C 221°F	В	25	1-1/4" NPT + FLANGE	YES
LSG202M	2	208/230	1	1.0	15	53	105°C 221°F	В	25	1-1/4" NPT + FLANGE	NO
LSG202M-3*	2	208/230	1	1.0	15	53	105°C 221°F	В	35	1-1/4" NPT + FLANGE	NO
LSG202M-C*	2	208/230	1	1.0	15	53	135°C 275°F	В	35	1-1/4" NPT + FLANGE	NO
LSG203M	2	208/230	3	1.0	10.6	61	N/A	В	25	1-1/4" NPT + FLANGE	NO
LSG204M	2	440-480	3	1.0	5.3	31	N/A	В	25	1-1/4" NPT + FLANGE	NO
LSG205M	2	575	3	1.0	4.9	31	N/A	В	25	1-1/4" NPT + FLANGE	NO
LSGX202A	2	208-230	1	1.0	15	53	135°C 275°F	В	25	1-1/4" NPT + FLANGE	YES
LSGX202M	2	208-230	1	1.0	15	53	135°C 275°F	В	25	1-1/4" NPT + FLANGE	NO
LSGX202M-3*	2	208-230	1	1.0	15	53	135°C 275°F	В	35	1-1/4" NPT + FLANGE	NO
LSGX202M-C*	2	208-230	1	1.0	15	53	135°C 275°F	В	35	1-1/4" NPT + FLANGE	NO
LSGX203M	2	208/230	3	1.0	10.6	61	N/A	В	25	1-1/4" NPT + FLANGE	NO
LSGX204M	2	440-480	3	1.0	5.3	31	N/A	В	25	1-1/4" NPT + FLANGE	NO
LSGX205M	2	575	3	1.0	4.9	31	N/A	В	25	1-1/4" NPT + FLANGE	NO

^{*}Notes: ¹ LSG202M-C & LSGX202M-C are for external capacitor applications and require the use of control panels fitted with properly matched capacitors and start relays. Consult Liberty Pumps catalog for proper panel model when ordering. For retrofit applications, order Liberty start kit K001316 which includes the correct Start Capacitor, Run capacitor, and Potential Start Relay. In all cases, control panels must be constructed per applicable UL and/or CSA standards and be installed per NEC.

LSG/LSGX 200-Series Technical Data

IMPELLER	300 SERIES S.S.
PAINT	POWDER COAT
MAX LIQUID TEMP	60°C 140°F
MAX STATOR TEMP	140°C
THERMAL OVERLOAD	SEE ABOVE (single phase only)
POWER CORD TYPE	SJOOW (1-Phase) / SEOOW (3-phase) SOOW (external capacitor models)
MOTOR HOUSING	CLASS 25 CAST IRON
VOLUTE	CLASS 25 CAST IRON
SHAFT	300 SERIES S.S.
HARDWARE	STAINLESS
ORINGS	BUNA N
MECHANICAL SEAL	UNITIZED SILICON CARBIDE
MIN BEARING LIFE	50,000 HRS







² LSG202M-3 and LSGX202M-3 35' cord manual pump models have bare leads (no plug end)

LSG/LSGX 200-Series Specifications 1.01 GENERAL: The contractor shall provide labor, material, equipment, and incidentals required to provide (QTY) centrifugal grinder pumps as specified herein. The pump models covered in this specification are Series LSG200 and LSGX200 single phase or three phase grinder pumps. The pump furnished for this application shall be model _____as manufactured by Liberty pumps. 2.01 OPERATING CONDITIONS: Each submersible pump shall be rated at 2 hp____volts ____phase 60 Hz. 3450 RPM. The unit shall produce ____G.P.M. at___ feet of total dynamic head. The submersible pump shall be capable of handling residential and commercial sewage and grinding it to a fine slurry, enabling it to be pumped over long distances in pipelines as small as 1.25" in diameter. The LSG series single stage submersible pump shall have a shut-off head of 110 feet and a maximum flow of 50 GPM @ 10 feet of total dynamic head. The LSGX series two stage submersible pump shall have a shut-off head of 185 feet and a maximum flow of 38 GPM @ 10 feet of total dynamic head. Single phase pumps shall have capacitors and start relay mounted in the pump, or in the panel. The pump shall be controlled with: ____A piggy back style on/off float switch (Single Phase Only). __A NEMA 4X outdoor simplex control panel with three float switches and a high water alarm. ____A NEMA 1 indoor simplex control panel with three float switches and a high water alarm. ____A NEMA 4X outdoor duplex control panel with three float switches and a high water alarm. A NEMA 1 indoor duplex control panel with three float switches and a high water alarm. __A NEMA 4X outdoor duplex control panel with four float switches and a high water alarm. ___A NEMA 1 indoor duplex control panel with four float switches and a high water alarm.

3.01 CONSTRUCTION:

Each centrifugal grinder pump shall be equal to the course certified Series LSG Grinder pumps as manufactured by Liberty Pumps, Bergen NY. The castings shall be constructed of class 25 cast iron. The motor housing shall be oil filled to dissipate heat. Air filled motors shall not be considered equal since they do not properly dissipate heat from the motor. All mating parts shall be machined and sealed with a Buna-N oring. All fasteners exposed to the liquid shall be stainless steel. The motor shall be protected on the top side with sealed cord entry plate with molded pins to conduct electricity eliminating the ability of water to enter internally through the cord. The motor shall be protected on the lower side with a dual seal arrangement. The first seal is a double lip seal molded in elastomeric rubber.

The second / main seal shall be a unitized hard face silicon carbide seal with stainless steel housings and spring.

The upper and lower bearing shall be capable of handling all radial thrust loads. The lower bearing shall have the additional ability to handle the downward axial thrust produced by the impeller and cutters by design of angular contact roller races. The pump housing shall be of the concentric design thereby equalizing the pressure forces inside the housing which will extend the service life of the seals and bearings. Additionally there shall be no cutwater in the housing volute in order to discourage the entrapment of flowing debris. The pump shall be furnished with stainless steel handle having a nitrile grip.



4.01 ELECTRICAL POWER CORD

The submersible pump shall be supplied with 25 feet of multi-conductor power cord (35ft for LSG202M-C and LSGX202M-C external capacitor models). It shall be cord type SJOOW (1-phase) or SEOOW (3-phase) or SOOW (external capacitor models), capable of continued exposure to the pumped liquid. The power cord shall be sized for the rated full load amps of the pump in accordance with the National Electric Code. The power cable shall not enter the motor housing directly but will conduct electricity to the motor by means of a water tight compression fitting cord plate assembly, with molded pins to conduct electricity. This will eliminate the ability of water to enter internally through the cord, by means of a damaged or wicking cord.

5.01 MOTORS

All motors shall be oil filled, class B insulated NEMA B design, rated for continuous duty. Since air filled motors are not capable of dissipating heat they shall not be considered equal. Single phase pump motors shall be capacitor start/ capacitor run and have an integral thermal overload switch in the windings for protecting the motor. Three phase motors shall be used with an appropriate controller with integral overload protection. On all single phase models (excluding LSG202M-C and LSGX202M-C), the capacitor circuit shall be mounted internally and motors shall have an integral solid state starting circuit switch for switching the start winding off.

6.01 BEARINGS AND SHAFT

An upper radial and lower thrust bearing shall be required. The upper bearing shall be a single ball / race type bearing. The lower bearing shall be an angular contact heavy duty ball / race type bearing, designed to handle axial grinder pump thrust loads. Both bearings shall be permanently lubricated by the oil, which fills the motor housing. The bearing system shall be designed to enable proper cutter alignment from shut off head to maximum load at 10 ' of TDH. The motor shaft shall be made of 300 or 400 series stainless steel and have a minimum diameter of .670".

7.01 SEALS

The pump shall have a dual seal arrangement consisting of a lower and upper seal to protect the motor from the pumping liquid. The lower seal shall be a elastomeric rubber molded double lip seal, designed to exclude foreign material away from the main upper seal. The upper seal shall be a unitized silicon carbide hard face seal with stainless steel housings and spring equal to Crane Type T-6a. The motor plate / housing interface shall be sealed with a Buna-N o-ring.

8.01 IMPELLER

The impeller shall be a investment cast stainless steel impeller, with pump out vanes on the back shroud to keep debris away from the seal area. it shall be keyed and bolted to the motor shaft.

9.01 CUTTER MECHANISM

The cutter and plate shall consist of 440 stainless steel with a Rockwell C hardness of 55-60. The stationary cutter plate shall have specially designed orifices through it, which enable the slurry to flow through the pump housing at an equalized pressure and velocity. The stationary cutter plate shall consist of V shapes to maximize cutting action and arc shape exclusion slots to outwardly eject debris from under the rotary cutter. The rotary cutter shall have (4) blades and be designed with a recessed area behind the cutting edge to prevent the accumulation and binding of any material between rotary cutter and the stationary cutter plate. The cutting system must incorporate close tolerances for optimum performance. Ring or radial cutters, or those that grind on the outside circumference of shall not be considered equal.



10.01 CONTROLS

All single phase units (excluding external cap models) can be supplied with CSA and UL approved automatic wide angle tilt float switches. The switches shall be equipped with piggy back style plug that allows the pump to be operated manually without the removal of the pump in the event that a switch becomes inoperable. Manual Pumps are operable by means of a pump control panel.

11.01 PAINT

The exterior of the casting shall be protected with Powder Coat paint.

12.01 SUPPORT

The pump shall have cast iron support legs, enabling it to be a free standing unit. The legs will be high enough to allow solids and long stringy debris to enter the cutter assembly.

13.01 SERVICEABILTY

Components required for the repair of the pump shall be shipped within a period of 24 hours.

14.01 FACTORY ASSEMBLED TANK SYSTEMS WITH GUIDE RAIL AND QUICK DISCONNECT DISCHARGE
Guide factory mounted rail system with pump suspended by means of bolt on quick disconnect which is sealed by means of nitrile
grommets. The Discharge piping shall be schedule 80 PVC and furnished with a PVC shut-off ball valve. The Tank shall be wound fiberglass
or roto-molded plastic. A cast iron inlet hub shall be provided with the fiberglass systems.

groffiffets. The Discharge piping shall be schedule of Fr
or roto-molded plastic. A cast iron inlet hub shall be provi
Stainless steel Guide Rail
Zinc plated steel Guide Rail
"diameter of basin size
"height of basin size
"distance from top of tank to discharge pipe outle
Fiberglass cover
Structural foam polymer cover
Steel cover
Simplex System with Outdoor panel and alarm
Duplex System with Outdoor panel and alarm
Separate Outdoor Alarm
Remote Outdoor Alarm

15.01 TESTING

The pump shall have a ground continuity check and the motor chamber shall be Hi-potted to test for electrical integrity, moisture content and insulation defects. The motor and volute housing shall be pressurized, and an air leak decay test is performed to ensure integrity of the motor housing. The pump shall be run, voltage current monitored, and the tester checks for noise or other malfunction.

16.01 QUALITY CONTROL

The pump shall be manufactured in an ISO 9001 certified Facility.

17.01 WARRANTY

Standard limited warranty shall be 3 years.



Code Enforcement 2014 Activity As of 7/31/14

]	Open	Closed	Total	Increase
Unlawful				10
Accumulation	24	42	66	10
Substandard				
Structure	2		2	
Abandoned				
Vechicle	9	11	20	5
Unlawful				
Sewer				
Land regulation				1
Violation		9	9	
Business Lic.			1	
Violation		1	1	
Special Master				
Hearings				
Building			1	
Demolition	1		1	
Waste		[62	5
Violation	5	57	62	3
Sign		140	144	1
Violation	4	140	144	
	, _l	250	Total 305 Total	22
Total	45 Total	260	Total 305 Total	22