



State of Utah

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Department of Administrative Services

RICHARD K. ELLIS
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN
Director

ADDENDUM

Date: 10-19-2006

To: Contractors

From: Vic Middleton, Project Manager,
Reference: Division of Parks and Recreation
Starvation State Park New Restroom
DFCM Project No. **06156510**

Subject: **Addendum No. 2**

Pages:

Addendum Cover	1 Page
Revised Schedule	1 Page
Revised Bid Form and Invitation	3 Pages
<u>Architects Clarifications and Drawings</u>	<u>12 Pages</u>
	17 Pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

SCHEDULE HAS BEEN CHANGED

- 2.1 Revised Schedule
- 2.2 Revised Bid Form and Invitation
- 2.3 Architects Clarifications and Drawings

End of Addendum



PROJECT SCHEDULE – REBID
REVISED PER ADDENDUM NO. 2 ISSUED OCTOBER 19, 2006

PROJECT NAME: GROUP USE AREA NEW RESTROOM – STARVATION STATE PARK				
DIVISION OF PARKS & RECREATION – DUCHESNE, UTAH				
DFCM PROJECT #: 06156510				
Event	Day	Date	Time	Place
Bidding Documents Available	Tuesday	September 19, 2006	4:00 PM	DFCM 4110 State Office Bldg SLC, UT or DFCM web site *
Mandatory Pre-bid Site Meeting	Tuesday	September 26, 2006	3:00 PM	Group Use Area Starvation State Park Duchesne, Utah
Last Day to Submit Questions	Friday	September 29, 2006	4:00 PM	DFCM Vic Middleton at vmiddlet@utah.gov
Final Addendum Issued	Monday	October 2, 2006	4:00 PM	DFCM web site *
REBID - Prime Contractors Turn In Bid and Bid Bond / Bid Opening in DFCM Conference Room	Thursday	October 26, 2006	3:00 PM	DFCM 4110 State Office Bldg SLC, UT
Sub-contractor List Due	Friday	October 27, 2006	3:00 PM	DFCM 4110 State Office Bldg SLC, UT
Project Completion	Monday	May 28, 2007		

* DFCM's web site address is <http://dfcm.utah.gov>



**BID FORM – REBID
REVISED PER ADDENDUM NO. 2 ISSUED OCTOBER 19, 2006**

NAME OF BIDDER _____ DATE _____

To the Division of Facilities Construction and Management
4110 State Office Building
Salt Lake City, Utah 84114

The undersigned, responsive to the "Notice to Contractors" and in accordance with the "Instructions to Bidders", in compliance with your invitation for bids for the **GROUP USE AREA NEW RESTROOM - STARVATION STATE PARK – DIVISION OF PARKS & RECREATION DUCHESNE, UTAH – DFCM PROJECT NO. 06156510** and having examined the Contract Documents and the site of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of labor, hereby proposes to furnish all labor, materials and supplies as required for the Work in accordance with the Contract Documents as specified and within the time set forth and at the price stated below. This price is to cover all expenses incurred in performing the Work required under the Contract Documents of which this bid is a part:

I/We acknowledge receipt of the following Addenda: _____

For all work shown on the Drawings and described in the Specifications and Contract Documents, I/we agree to perform for the sum of:

_____ DOLLARS (\$_____)

(In case of discrepancy, written amount shall govern)

I/We guarantee that the Work will be Substantially Complete by Monday, **May 28, 2007**, should I/we be the successful bidder, and agree to pay liquidated damages in the amount of **\$300.00** per day for each day after expiration of the Contract Time as stated in Article 3 of the Contractor's Agreement.

This bid shall be good for 45 days after bid opening.

Enclosed is a 5% bid bond, as required, in the sum of _____

The undersigned Contractor's License Number for Utah is _____

Upon receipt of notice of award of this bid, the undersigned agrees to execute the contract within ten (10) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance and Payment bonds in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

The Bid Bond attached, in the amount not less than five percent (5%) of the above bid sum, shall become the property of the Division of Facilities Construction and Management as liquidated damages for delay and additional expense caused thereby in the event that the contract is not executed and/or acceptable 100% Performance and Payment bonds are not delivered within the time set forth.

Type of Organization:

(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

Respectfully submitted,

Name of Bidder

ADDRESS:

Authorized Signature

INVITATION TO REBID
PER ADDENDUM NO. 2 ISSUED OCTOBER 19, 2006

Only firms that have been invited to submit bids on this project are allowed to bid on this project.

The State of Utah - Division of Facilities Construction and Management (DFCM) is requesting sealed bids for the following project:

GROUP USE AREA NEW RESTROOM – STARVATION STATE PARK
DIVISION OF PARKS & RECREATION – DUCHESNE, UTAH
DFCM PROJECT NO: 06156510

<u>Company</u>	<u>Contact</u>	<u>Fax</u>
Clear Construction LLC	Jordan Boyer	801-748-4243
CSM Construction	Dan Noorda	801-280-2813
DWG & Associates	Carl Johnson	801-542-8047
Gateway Builders	Verlin Hatch	801-756-8185

Bids will be in accordance with Addendum No. 2 Documents which will be available by 4:00 PM on Thursday, October 19, 2006 on the DFCM web page at <http://dfcm.utah.gov>. For questions regarding this project, please contact Vic Middleton, DFCM, at 801-971-0504. No others are to be contacted regarding this bidding process. The construction budget for this project is \$130,000.

There **will not** be a pre-bid meeting.

Bids will be received until the hour of 3:00 PM on Thursday, October 26, 2006 at DFCM, 4110 State Office Building, Salt Lake City, Utah 84114. Bids will be opened and read aloud in the DFCM Conference Room, 4110 State Office Building, Salt Lake City, Utah. NOTE: Bids must be received at 4110 State Office Building by the specified time.

Bid security, in the amount of five percent (5%) of the bid, must be submitted as stated in the Instruction to Bidders.

The Division of Facilities Construction and Management reserves the right to reject any or all bids or to waive any formality or technicality in any bid in the interest of DFCM.

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT
Marla Workman, Contract Coordinator
4110 State Office Building, Salt Lake City, Utah 84114

ADDENDUM NO. 2

Date: October 18th, 2006

PROJECT:

Division of Parks and Recreation
Starvation State Park New Restroom
DFCM Project No. 06156510

ARCHITECT:

P+A ARCHITECTS
821 EAST KENSINGTON AVENUE
SALT LAKE CITY, UT 84105

The original Contract Documents issued for the above noted project are amended as noted in this Addendum. It shall be the sole responsibility of the bidder to appropriately disseminate this information to all concerned prior to the assigned bid time and date, and to coordinate the Addendum with the Contract Documents.

This Addendum consists of a total of ~~(12)~~ **twelve** 8 ½" x 11" documents, including this page.

If there are still unresolved questions after examining this addendum, please submit those questions via telephone or facsimile as soon as possible so that an addendum can be issued to clarify those issues in a timely manner.

Architectural:

1. See attached 8 ½" x 11" addendum drawing 01/AD-02. Screen wall fence shall be changed from vinyl to cedar. General contractor shall provide one coat of cedar fence stain on all exposed finished fence surfaces.
2. Eliminate all foundation insulation and foundation insulation protection board from project.
3. Eliminate all ceiling batt insulation from project.

Mechanical and Plumbing:

1. See attached mechanical and plumbing addenda items:

Electrical:

1. See attached electrical addenda items:

End of Addendum 1

SPECIFICATIONS:

SECTION 15420 DRAINAGE WASTE AND VENT PIPING:

1. All cast iron pipe and fittings shall be eliminated from the project and replaced with ABS pipe and fittings. Installation shall be done per standard installation practices.

SECTION 15083-8 INTERIOR INSULATION APPLICATION SCHEDULE

1. Eliminate paragraph 3.10.B Domestic Cold Water Systems. Insulation on domestic cold water piping shall not be required.

Drawings:

Sheet M101 – Mechanical Floor Plan:

1. Eliminate unit heater, UH-1, from mechanical room.

Sheet M101 – Plumbing Floor Plan:

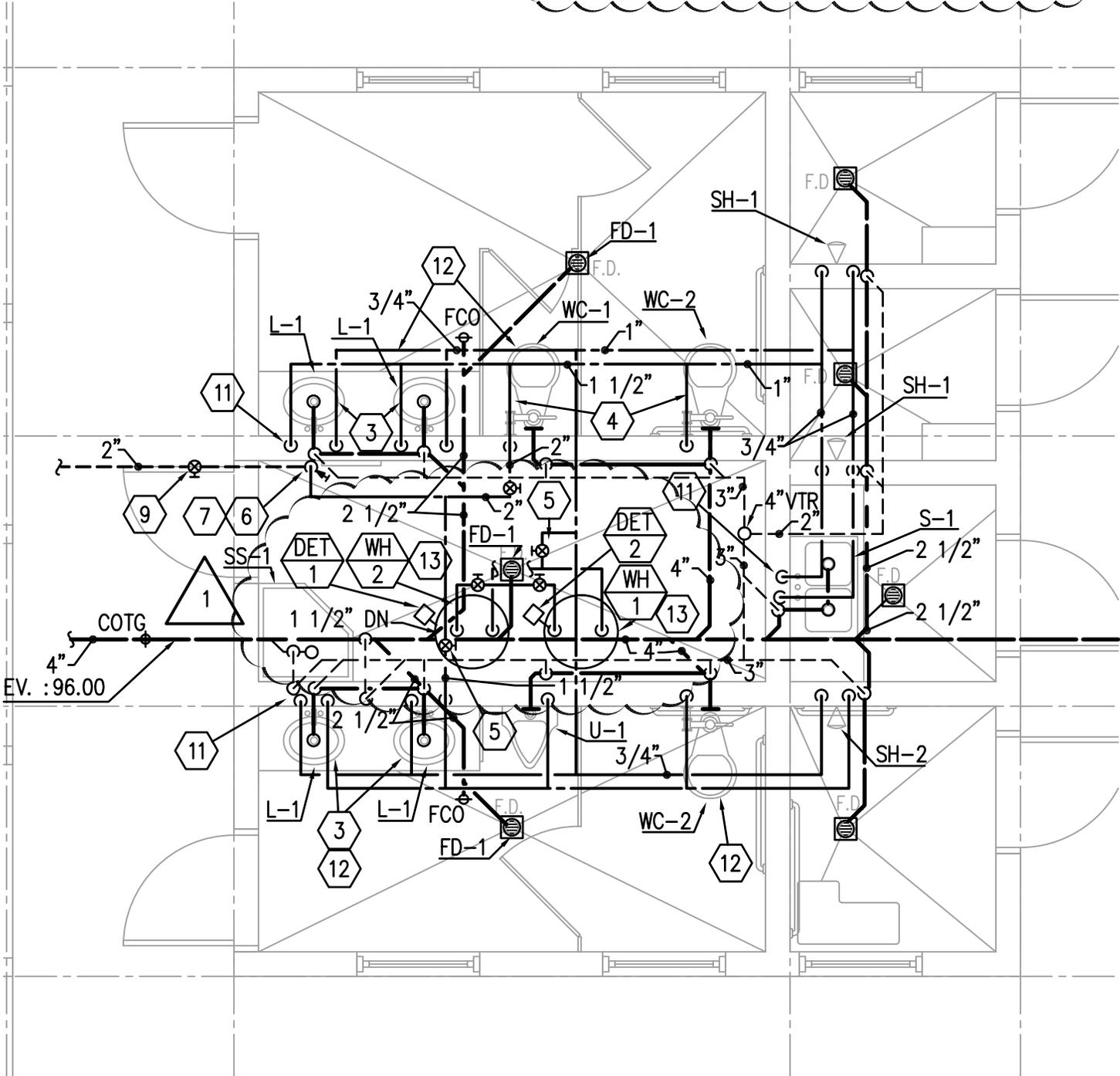
1. Replace single WH-1 with new WH-1 and WH-2. See attached sketch M101 SD-01

Sheet M502 – Mechanical and Plumbing Schedules:

1. Eliminate Electric Unit Heater schedule.
2. Revise Electric Water Heater schedule with new water heater selections. See attached sketch M502 SD-01.

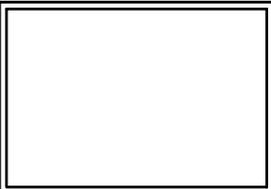
KEYED NOTES

1 13 WATER HEATERS MUST BE PIPED IN PARALLEL WITH EQUAL LENGTHS OF PIPE.



N:\6000\6300\6324_Starvation Reservoir Restrooms\Cadd\Phase 1_Mechanical\6324-m_01.dwg, 10/18/2006 12:14:16 PM, mdaniels

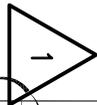
	VAN BOERUM & FRANK ASSOCIATES INC. <small>WWW.VBFA.COM</small>
	CONSULTING ENGINEERS <small>330 South 300 East 801.530.3148 T Salt Lake City, UT 84111 801.530.3150 F</small>



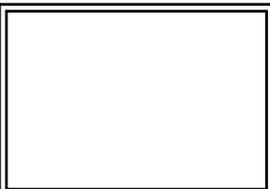
STARVATION RESERVOIR RESTROOMS			
SCALE	DATE	PROJ. NO.	REV.
1/4"=1'-0"	10-18-06	6324	1

REF. SHEET: M101
SHEET: SD-01

WATER HEATER SCHEDULE																
SYMBOL	MANUF. AND MODEL NO.	LOCATION	SERVICE	EFF. (%)	TYPE	ENTERING WATER TEMP		LEAVING WATER TEMP		STORAGE CAPACITY (GAL)	REQUIRED RECOVERY RATE (GPM)	POWER INPUT (KW)	HEIGHT/DIA (IN)	ELECTRICAL		REMARKS
						TEMP	TEMP	TEMP	TEMP					WHP	AMPS	
WH-1	A.O. SMITH DEL-86-12	MECHANICAL ROOM	DOMESTIC WATER	--	ELECTRIC	40	40	130	130	66	56	12	61/22	2401	50	1
WH-2	A.O. SMITH DEL-86-12	MECHANICAL ROOM	DOMESTIC WATER	--	ELECTRIC	40	40	130	130	66	56	12	61/22	2401	50	1



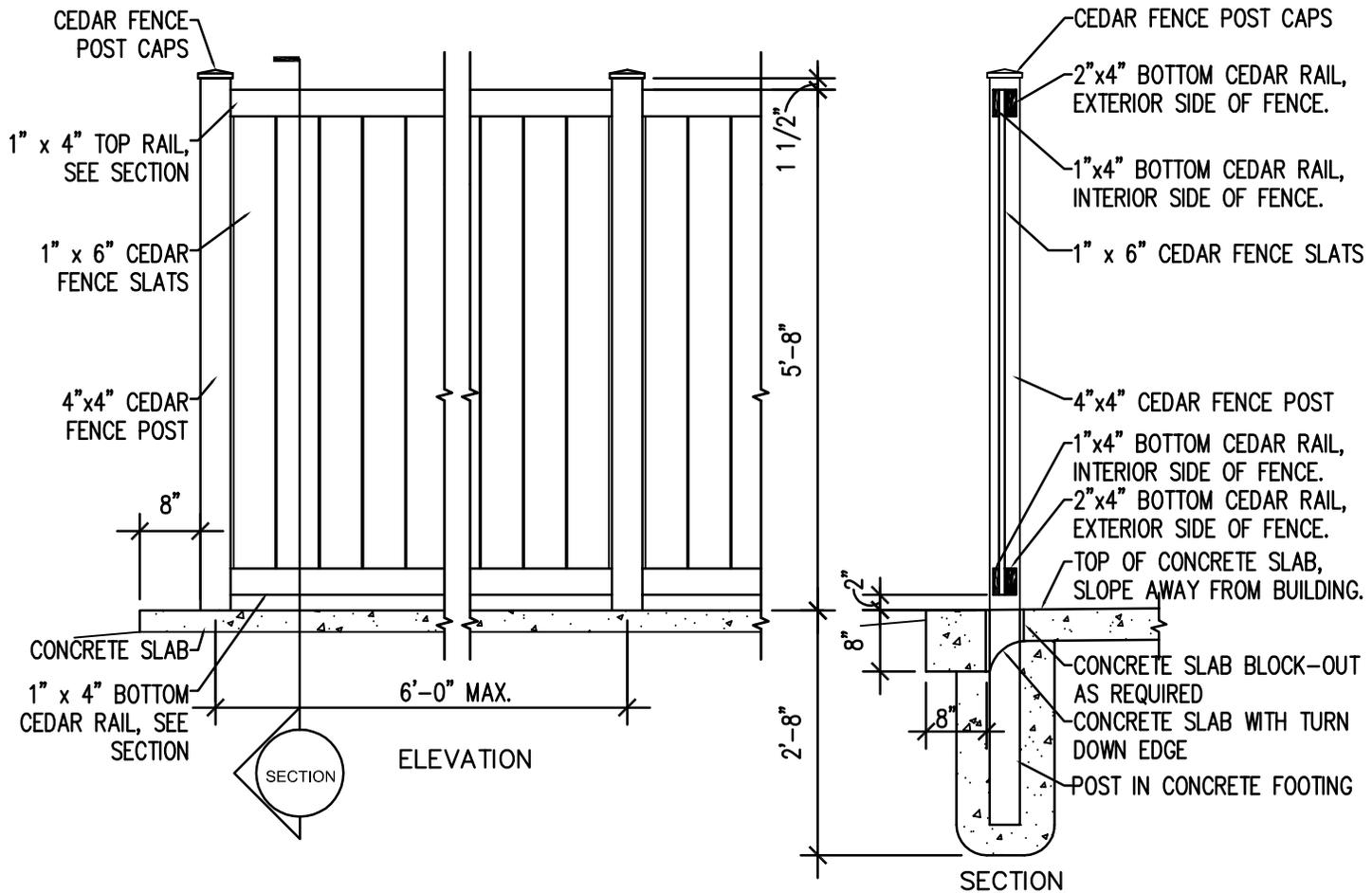
VB VAN BOERUM & FRANK ASSOCIATES INC. CONSULTING ENGINEERS
 WWW.VBFA.COM
 330 South 300 East Salt Lake City, UT 84111
 801.530.3148 T 801.530.3150 F



STARVATION RESERVOIR RESTROOMS

SCALE NO SCALE	DATE 10-18-06	PROJ. NO. 6324	REV. 1
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REF. SHEET: M502
 SHEET: SD-02



01 PRIVACY SCREEN ELEVATION AND SECTION

01
AD-02

SCALE 1/2" = 1'-0"



ENVISION
ENGINEERING

Direction. Then Velocity.

ADDENDUM

Addendum

To: Scott Prior	From: Dave Whitton, P.E.
Company: P+A Architects	Date: October 18, 2006
Phone: 484-1161	Address: 821 East Kensington Ave.
Project: Starvation Reservoir – Restroom and Shower Facility	Salt Lake City, Utah 84105

Envision Engineering, PC, is transmitting the following for your use and review:

<u>Copies/Sets</u>	<u>Addendum Number & Description</u>
1	Electrical Addendum No. 1

Please issue these electrical items. Should you have questions, please feel free to contact our office directly at the number below.

Thank you.

The following is a description of Electrical Addendum changes to the electrical construction documents for the Starvation Reservoir State Park – Group Facility Area New Restroom and Shower Facility:

ELECTRICAL DRAWINGS

SHEET EG101: Electrical Schedules

1. Revise the equipment schedule based on changes and deletions to the mechanical equipment being supplied for this project. ESD-01
2. Revise the paneboard schedule based on changes being made. ESD-02
3. Revise the light fixture schedule based on light fixture changes. ESD-03

SHEET EP100: Electrical Power Plan

1. Revise the electrical lighting plan. ESD-04
2. Revise the electrical power plan. ESD-05

End of Addendum

EQUIPMENT SCHEDULE

UNIT NAME	DESCRIPTION	LOAD	TYPE	VOLTAGE	PHASE	AMPERAGE	CONDUIT		CABLE		STARTER / DISCONNECT / CONNECTION AT UNIT		DISCONNECT		POWER FACTOR CONNECTION CHARACTER (C/L/S)	REMARKS
							SIZE	NO.	SIZE	NO.	COIP	POLES	POLES	POLES		
EH1	EXHAUST FAN	Q3	LP	120	1	4.8	3/4"	2	6	NA	-	-	-	-	-	
HH1	WATER HEATER	D	K4	240	1	50	3/4"	2	6	NA	-	-	-	-	-	
HH-2	WATER HEATER	D	K4	240	1	50	3/4"	2	6	NA	-	-	-	-	-	

SIZE ALL LINES IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

- STARTER / DISCONNECT NOTES:**
1. MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION
 2. MANUAL STARTER WITH THERMAL OVERLOAD PROTECTION & LOW VOLTAGE RELAY / CONTACTOR FOR ALC DISCONNECT
 3. COMBINATION MAGNETIC STARTER / FUSED DISCONNECT
 4. COMBINATION MAGNETIC STARTER / MOTOR CIRCUIT PROTECTOR (MCP)
 5. COMBINATION VARIABLE FREQUENCY DRIVE / MOTOR CIRCUIT PROTECTOR (MCP)
 6. REDUCED VOLTAGE STARTER / FUSED DISCONNECT
 7. REDUCED VOLTAGE STARTER / MOTOR CIRCUIT PROTECTOR (MCP)
 8. COMBINATION TWO-SPEED STARTER / MOTOR CIRCUIT PROTECTOR (MCP)
- INSTALLATION NOTES:**
- A. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - B. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - C. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - D. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - E. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - F. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - G. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - H. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - I. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - J. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - K. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - L. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - M. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - N. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - O. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - P. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - Q. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - R. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - S. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - T. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - U. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - V. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - W. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - X. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - Y. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.
 - Z. FINISHED, INSTALLED, 1 CONNECTED UNDER DIVISION 16.

PROJECT:
STARVATION RESERVOIR STATE PARK

ORIGINAL SHEET NO:
EG101

SHEET TITLE:
ELECTRICAL SCHEDULES

ENVISION ENGINEERING, P.C.
244 West 300 North, Suite 100 / Salt Lake City, Utah 84013
(801) 534-1130 / Fax (801) 534-1080

DATE: 10/18/06

BY: DPW

SCALE: NONE

JOB NO: 06139

ADDENDUM
|

SHEET:
ESD-01

LIGHTING AND APPLIANCE PANEL BOARD SCHEDULE

PANEL NAME: A TYPE: GO CIRCUIT BREAKERS: BOLT ON FLUG ON 120 / 240 LUGS: MAIN SUB-FEED FEED-THROUGH TRAIN BREAKER: ANPS 200

ENGRAVED NAME TAGS BUS MATERIAL: ALUM BUS CU BUS GROUND: GROUND BUS ISOL GND BUS NEUTRAL: 100% 200% BUS ANPS: 200

NOTES	ITEM	AMP	POLE	WIRE SIZE	CIR. NO.	BRANCH BREAKERS		CIR. NO.	AMP	POLE	WIRE SIZE	ITEM	NOTES
						LEFT PHASE LOAD	RIGHT PHASE LOAD						
	LIGHTS	20	1	12	1	A	B	2	20	1	12	JUNCTION BOXES	
	OUTLETS	20	1	12	1	166	400	4				SPARE	
	MH-1	60	2	6	5	6000	6000	6				SPARE	
	-	-	-	-	7	6000	6000	8				SPARE	
	EXTERIOR OUTLETS	20	1	12	4	360	196	10				SPARE	
	CUST. ROOM LIGHTS	20	1	12	11	800	196	12				SPARE	
	EXTERIOR LIGHTS	20	1	12	13	800	1200	14	20	1	12	EXHAUST FAN	
	MH-2	60	2	6	15	6000	6000	16				SPARE	
	-	-	-	-	17			18				SPARE	
	SPACE				14			20				SPACE	
	SPACE				21			22				SPACE	
	SPACE				23			24				SPACE	
	SPACE				25			26				SPACE	
	SPACE				27			28				SPACE	
	SPACE				29			30				SPACE	
						19428	13036	560					
						15488	13036	TOTAL					
						124	104	ATPS / PHASE					
								0					

FEEDER ENTRY: TOP STANDARD FRONT HINGED DOOR-IN-DOOR

NOTES: FLUSH SURFACE SURFACE W/ SKIRT ABOVE SURFACE W/ SKIRT BELOW

TVSS: NONE CATEGORY "C" CATEGORY "B" CATEGORY "A" NEBRA RATING: NEBRA 1 NEBRA 3R NEBRA 4X NEBRA 12

TOTAL CONNECTED LOAD: 28524 SHORT CIRCUIT RATING: SERIES - RATED FULLY - RATED

22,000 ANPS RMS 57M

PROJECT: **STARVATION RESERVOIR STATE PARK**

ORIGINAL SHEET NO: **EG101**

SHEET TITLE: **ELECTRICAL SCHEDULES**

ENVISION ENGINEERING, P.C.
244 West 300 North, Suite 100 / Salt Lake City, Utah 84013
(801) 534-1130 / Fax (801) 534-1080

DATE: 10/18/06
BY: DPW
SCALE: NONE
JOB NO: 06139

ADDENDUM **1**
SHEET: **ESD-02**

TYPE	MANUFACTURER	SERIES	DESCRIPTION	VOLTAGE	LOAD (VA)	FOOTING	LIGHT FIXTURE SCHEDULE		REMARKS			
							NUMBER	TYPE				
DNI	HORLITE FALL-SAFE	RH-H-88 HDR-505-89M	RECESSED HIGH ABUSE DOWNLIGHT PRISMATIC TAPERED GLASS, 16 GA. CR5 POLYURETHANE GASKET, TAPER SCREENS	120	100 ED	RECESSED	1	METAL HALIDE	50	900	22	
SM	LITPARRE CO LIGHTING	LVP-1044 VSL-24	4' CEILING MOUNT FLUORESCENT 50/50 BLEND DR/ACRYLIC LENS TX50 TORX SCREENS ZERO DEGREE BALLAST	120	68	SURFACE	2	48" T8 FLUORESCENT	32	3500	85	
SL2	LITPARRE CO LIGHTING	LVP-1044 VSL-24	4' CEILING MOUNT FLUORESCENT 50/50 BLEND DR/ACRYLIC LENS NET LUMEN 10000 ZERO DEGREE BALLAST	120	68	SURFACE	2	48" T8 FLUORESCENT	32	3500	85	

PROJECT:
STARVATION
RESERVOIR
STATE PARK

ORIGINAL SHEET NO:
EG101

SHEET TITLE:
ELECTRICAL
SCHEDULES
ENVISION ENGINEERING, P.C.
244 West 300 North, Suite 100 / Salt Lake City, Utah 84013
(801) 534-1130 / Fax (801) 534-1080

DATE: 10/18/06

BY: DPW

SCALE: NONE

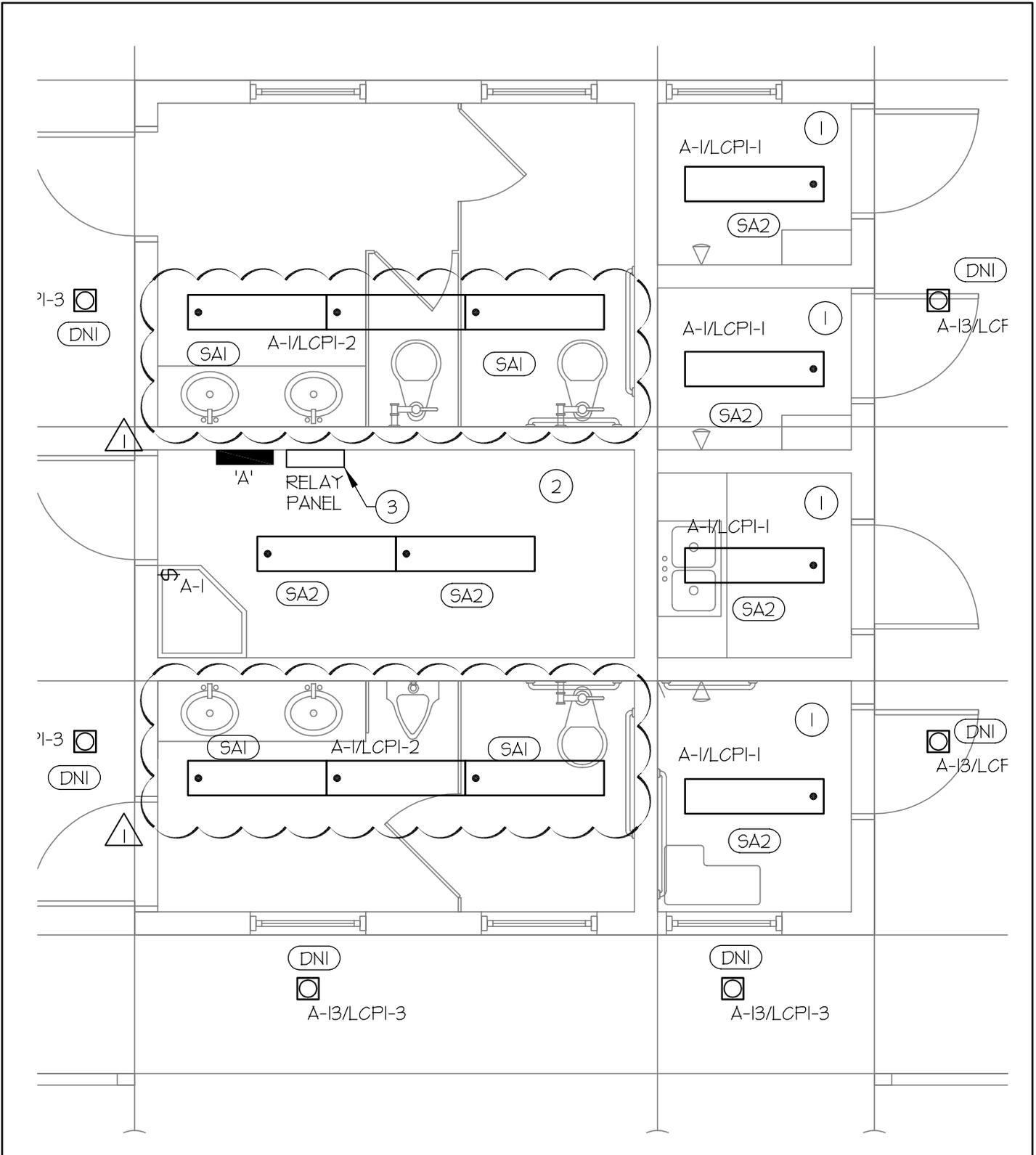
JOB NO: 06139

ADDENDUM

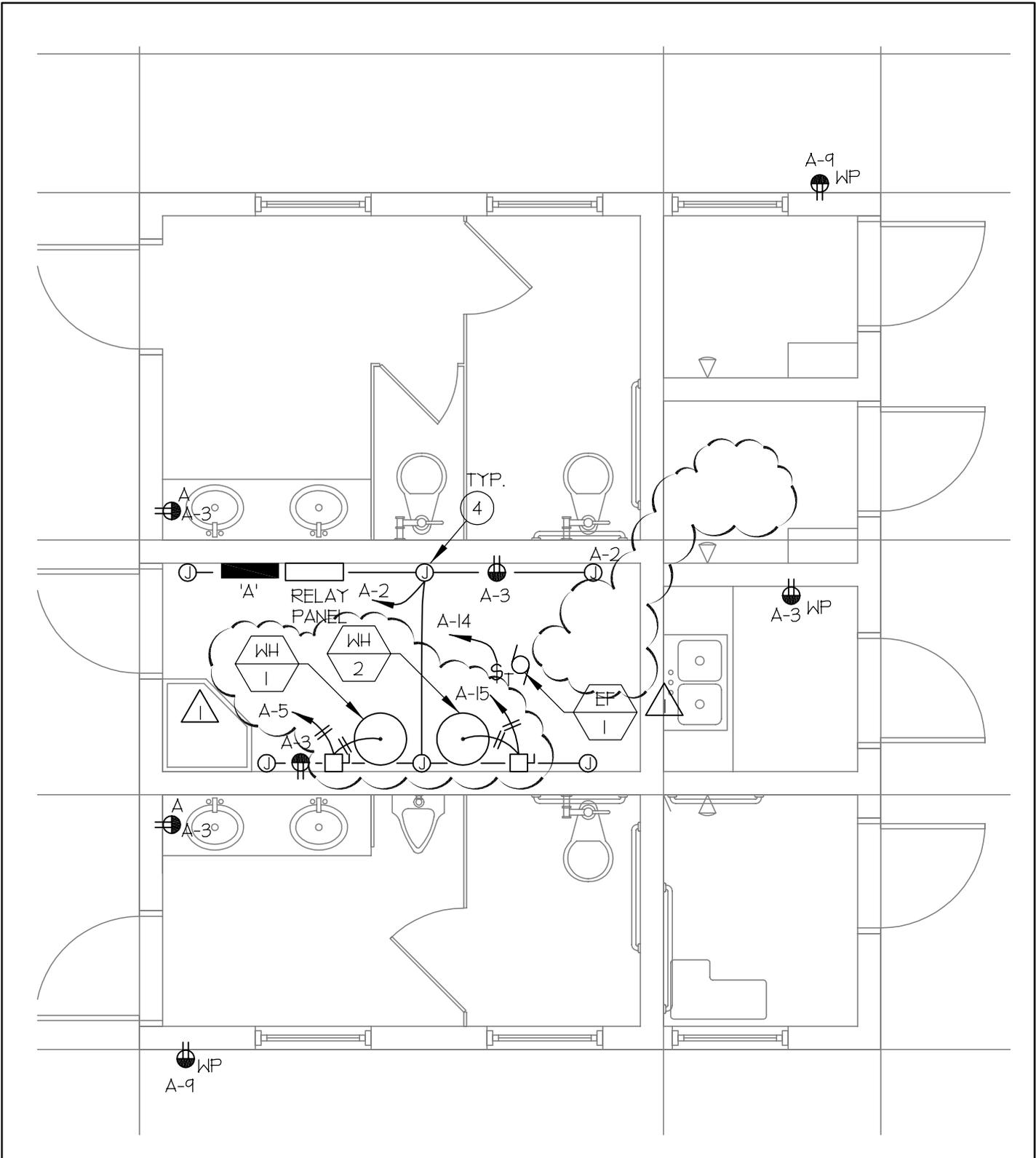
1

SHEET:

ESD-03



PROJECT: STARVATION RESERVOIR STATE PARK	SHEET TITLE: ELECTRICAL POWER PLAN	DATE: 10/18/06	ADDENDUM
		BY: DPW	
ORIGINAL SHEET NO: EPI00	ENVISION ENGINEERING, P.C. 244 West 300 North, Suite 100 / Salt Lake City, Utah 84013 (801) 534-1130 / Fax (801) 534-1080	SCALE: 1/4" = 1'-0"	SHEET:
		JOB NO: 06139	ESD-04



PROJECT: STARVATION RESERVOIR STATE PARK	SHEET TITLE: ELECTRICAL POWER PLAN	DATE: 10/18/06	ADDENDUM
		BY: DPW	
ORIGINAL SHEET NO: EPI00	ENVISION ENGINEERING, P.C. 244 West 300 North, Suite 100 / Salt Lake City, Utah 84013 (801) 534-1130 / Fax (801) 534-1080	SCALE: 1/4" = 1'-0"	SHEET: ESD-05
		JOB NO: 06139	