

UNLV  
Animal Care Facility

University of Nevada Las Vegas  
CAM 1513/PC-5352

ADDENDUM A  
August 5, 2016

Owner: University of Nevada Las Vegas  
4505 S. Maryland Parkway  
Las Vegas, Nevada 89154

Architect: Tate Snyder Kimsey Architects  
303 S. Water Street, Suite 230  
Henderson, NV 89015  
(702) 456-3000

To: All Plan Holders of Record

This addendum forms a part of the Contract Documents and modifies the original Construction Documents dated June 17, 2016, as noted below. Acknowledge receipt of this Addendum on the Bid Form. Failure to acknowledge receipt of addendum may result in disqualification of bidder.

Addendum No. A consists of 61 items and 58 attachments

**CHANGES TO SPECIFICATIONS:**

ITEM 1 SECTION 08710 – DOOR HARDWARE: Section 3.9 Door Hardware Schedule: Add the following door hardware set:

HW SET 09 – POWER SUPPLY, ELECTRIC STRIKE, DOOR CONTACT, AND WIRING, BY OWNER SUPPLIED SECURITY CONTRACTOR-VVLS.

For use on mark/door #(s): 028

Qty		Description	Catalog Number	Finish	Mfr
4	EA	HINGE	5BB1 5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080HD 06A	626	SCH
1	EA	SFIC PERMANENT CORE	KEYMARK-VERIFY KKY W UNLV LOCKSHOP 0-BIT w/2 keyblanks	626	MED
1	EA	ELECTRIC STRIKE	1006 SERIES -SUPPLIED AND INSTALLED BY VVLS	630	HES
1	EA	SURFACE CLOSER	4040XP RW/PA TBWMS	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CCV	630	IVE
1	EA	GASKETING	188S-BK	S-Bk	ZER

- ITEM 2 SECTION 08800 – GLAZING. Section 2.2 Flat Glass Materials:
1. Removed “Type” callouts from the beginning of paragraph 2.2A, 2.2B, 2.2C, 2.2D, 2.2E.
- ITEM 3 SECTION 16208 – PACKAGED ENGINE GENERATOR SYSTEMS:
1. Page 4: changed generator voltage to 208Y/120V to match project requirements.

**CHANGES TO DRAWINGS:**

- ITEM 4 SHEET C1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Revised sheet index to reflect new detail sheets
  2. Revised “NFPA 24-2010 section 4.1.3” to “NFPA 24 section 4.1.3”
- ITEM 5 SHEET C2.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Saw-cut limits revised to reflect utility revisions.
- ITEM 6 SHEET C4.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Rotated 6” RPDA 90 degrees and moved it East to accommodate PIV installation.
  2. Re-routed pipes for previous revisions and to avoid water piping under the proposed generator.
  3. Under ‘water construction notes’ added a bullet note to ‘see sheets C6.01 & C6.02 for UDACS standard plates and specifications called out below.
  4. Added water note 15 “install PIV w/tamper switch”.
  5. Revised construction type under “fire flow calculations” to match architectural plans.
  6. Added a block definition for PIV block.
  7. Fire Department Approval block removed.
- ITEM 7 SHEET C5.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Saw-cut limits and existing FG elevation tags revised to reflect utility revisions.
- ITEM 8 SHEET C6.01: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added UDACS section 2.22, UDACS standard plates 30, 31, and 34.
- ITEM 9 SHEET C6.02: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added UDACS standard plates 40 and 56.
- ITEM 10 SHEET G0.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated Index of Drawings to show Addendum #1 Sheets.
  2. Updated Code Analysis.
  3. Updated list of Required Deferred Submittals.
- ITEM 11 SHEET G0.02: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added UL details.

- ITEM 12 SHEET G0.03: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added UL details.
- ITEM 13 SHEET G1.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated detail 1 – front obstructed reach range.
  2. Updated detail 7 – floor clearance dimensions at water cooler.
- ITEM 14 SHEET G1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated Exiting Plan.
- ITEM 15 SHEET AS1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added existing and new accessible routes.
  2. Added fire department connection location per Civil drawings.
- ITEM 16 SHEET A1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Updated legend.
  3. Updated (2) hour CMU wall at Storage 028.
  4. Added fire department connection location per Civil drawings.
  5. Added ADA clearance dimensions at Enlarged Restroom Plan.
- ITEM 17 SHEET A2.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated door hardware for Door 028.
  2. Updated size of doors 019, 020, 021, and 022.
- ITEM 18 SHEET A2.30: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added head of wall UL information to Partition Type F1.
  2. Updated text note for gypsum board at Partition Type F2.
- ITEM 19 SHEET A2.40: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Updated signage types in Signage Schedule.
  3. Added sign type details.
  4. Updated Signage Plan.
- ITEM 20 SHEET A2.50: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Revised details 3, 4, and 8.
  2. Added detail 14 – Gas Cylinder Restraints.
- ITEM 21 SHEET A3.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added exit signs at Enclosure 158.

- ITEM 22 SHEET A3.10: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated notes on details 5 and 6.
  2. Updated text note for gypsum board at details 4 and 8.
- ITEM 23 SHEET A5.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Added signage to details 4, 6, 16, and 21.
- ITEM 24 SHEET A5.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Added countertop dimensions to details 1 and 3.
- ITEM 25 SHEET A5.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Added countertop dimension to detail 1.
  3. Revised gas cylinder restraints and added detail callout.
- ITEM 26 SHEET A5.03: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
  2. Updated sizes of doors in elevations 1 and 3.
  3. Added signage to elevations 1, 3, and 4.
  4. Added countertop dimensions to details 9 and 11.
- ITEM 27 SHEET A5.04: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated keynotes.
- ITEM 28 SHEET A6.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added fire department connection location to elevation 1.
- ITEM 29 SHEET A7.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added signage at Elevation 3 and Section 5.
- ITEM 30 SHEET S0.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Updated sheet list.
  2. Updated title block information/dates.
  3. Revised general note 13 to clarify that structural observation is not required.
  4. Expanded Quality Assurance and Special Inspection Notes to clarify frequency of testing (continuous, periodic, etc.)
- ITEM 31 SHEET S0.03: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added new sheet to include tables referenced in expanded Quality Assurance and Special Inspection Notes. Refer to S0.01.

- ITEM 32 SHEET S0.04: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Added new sheet to include tables referenced in expanded Quality Assurance and Special Inspection Notes. Refer to S0.01.
  2. Added notes for post-installed anchors in concrete and masonry.
- ITEM 33 SHEET S1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. 1/S1.01: revised generator max. weight to 10,000 lbs.
  2. 2/S1.01: Revised water tank max. weight to 6,000 lbs.
- ITEM 34 SHEET S5.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. 11/S5.01: Revised bottom mat reinforcing at equipment base and clarified maximum pad thicknesses.
  2. 12/S5.01: Revised bottom mat reinforcing at thickened slab below water tanks.
- ITEM 35 SHEET S5.03: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. 7/S5.03: Revised callout for bond beam to be 2 courses and for the anchors at the bearing plate to be centered in the wall.
  2. 10/S5.03: Added callout for tie sets.
- ITEM 36 SHEET M0.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Energy Compliance Report removed. Inserted new sheet M0.04 with full Energy Compliance Report.
- ITEM 37 SHEET M0.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Rooftop heat recovery schedule corrected to 180-140 deg. F.
  2. Laboratory Supply Air Valve Schedule: Reheat coil selection corrected.
- ITEM 38 SHEET M0.03: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Space Air Balance Schedule: minimum airflow for general exhaust valve, GEV-025, serving Clean Storage (025) is corrected.
- ITEM 39 SHEET M0.04: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Inserted new sheet with full Energy Compliance Report.
- ITEM 40 SHEET M1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Plan 1: location of diffuser/grille is coordinated with reflected ceiling plan A3.01 (typ.)
  2. Plan 1: cable operated remote damper is shown in locations with hard lid ceilings.
- ITEM 41 SHEET M1.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Plan 1: corrected 1-1/2" dia. Heating hot water supply and return risers for unit AC-V1 to 2".
  2. Plan 1: Piping changed to 2" in M1.01.

- ITEM 42 SHEET M4.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Minimum of 14 ft. height was added for exhaust fan discharge height.
- ITEM 43 SHEET M5.00: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Detail A and B: Added wyes-strainer with drain valve, hose end connection and cap to detail
- ITEM 44 SHEET P0.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
2. Energy Compliance Report removed. Inserted new sheet P0.03 with Full Energy Compliance Report.
- ITEM 45 SHEET P0.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Potable Water Pipe Sizing Calculation Schedule: shown missing make-up airflow for reverse osmosis system.
- ITEM 46 SHEET P0.03: Insert new sheet, dated August 5, 2016, attached to this Addendum:
1. Inserted new sheet P0.03 with full Energy Compliance Report.
- ITEM 47 SHEET EG1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added entire ComCheck report, see sheet E6.02.
  2. Removed “switched” from the emergency ballast note
  3. Defined “PT” in receptacle symbols. PT is also used on single lines as “Potential Transformer” and is defined in the single line diagram symbols/abbreviations.
- ITEM 48 SHEET ES0.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Lightened background, darkened work.
- ITEM 49 SHEET ES1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added keynote 5 indicating transformer pad to be installed per NVE drawings.
- ITEM 50 SHEET E1.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added one Type-B fixture to room 013.
- ITEM 51 SHEET E1.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Added one Type-B fixture to room 013.
- ITEM 52 SHEET E2.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this Addendum:
1. Relocated Fire Alarm Panel.
  2. Fume hood receptacles replaced with junction boxes.
- ITEM 53 SHEET E2.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Fume hood receptacles have been removed and replaced with a junction box, see E2.01

ITEM 54 SHEET E3.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Symbols updated to show strobes/horns to match legend.
2. Note added to indicate the fire alarm system is design/build by the fire alarm contractor.
3. Smoke detector added to room 004.

ITEM 55 SHEET E3.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Revised keynote 2 to indicate that door hardware/card reader must meet building code requirements.
2. Fire alarm panel moved, adjacent to the door.

ITEM 56 SHEET E4.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Detail 1 - updated to show connection to structure above.
2. Detail 4 – changed keynote 2 to clarify one circuit per receptacle, no shared neutral.

ITEM 57 SHEET E4.02: Insert new sheet, dated August 5, 2016, attached to this Addendum:

3. Added duct-bank sections
4. Added fire penetration details

ITEM 58 SHEET E5.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Ground to Neutral bond added at switchboard.
2. Added keynote 3 for grounding electrode.
3. Added keynote 4 for ground rod.

ITEM 59 SHEET E6.01: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Revised circuit breakers for HP-1 and HP-2 to 30/3.
2. Added load information for even circuits 2-12.

ITEM 60 SHEET E6.02: Replace sheet with revised sheet, dated August 5, 2016, attached to this

Addendum:

1. Added complete IECC report.

ITEM 61 SHEET E6.03: Insert new sheet, dated August 5, 2016, attached to this Addendum:

1. Moved fixture/transformer schedules from E6.02 to E6.03 to make room for IECC report.
2. Added mounting height for fixture type-D.
3. Removed battery requirement from fixture type-X.
4. Removed the Lutron driver requirement for Type-B fixture.

## **ATTACHMENTS:**

### **SHEETS**

C1.01, dated 08/05/16  
C2.01, dated 08/05/16  
C4.01, dated 08/05/16  
C5.01, dated 08/05/16  
C6.01, dated 08/05/16  
C6.02, dated 08/05/16

G0.00, dated 08/05/16  
G0.02, dated 08/05/16  
G0.03, dated 08/05/16  
G1.00, dated 08/05/16  
G1.01, dated 08/05/16  
AS1.01, dated 08/05/16  
A1.01, dated 08/05/16  
A2.00, dated 08/05/16  
A2.30, dated 08/05/16  
A2.40, dated 08/05/16  
A2.50, dated 08/05/16  
A3.01, dated 08/05/16  
A3.10, dated 08/05/16  
A5.00, dated 08/05/16  
A5.01, dated 08/05/16  
A5.02, dated 08/05/16  
A5.03, dated 08/05/16  
A5.04, dated 08/05/16  
A6.00, dated 08/05/16  
A7.00, dated 08/05/16

S0.01, dated 08/05/16  
S0.03, dated 08/05/16  
S0.04, dated 08/05/16  
S1.01, dated 08/05/16  
S5.01, dated 08/05/16  
S5.03, dated 08/05/16

M0.01, dated 08/05/16  
M0.02, dated 08/05/16  
M0.03, dated 08/05/16  
M0.04, dated 08/05/16  
M1.01, dated 08/05/16  
M1.02, dated 08/05/16  
M4.00, dated 08/05/16  
M5.01, dated 08/05/16

P0.01, dated 08/05/16  
P0.02, dated 08/05/16  
P0.03, dated 08/05/16



EG1.01, dated 08/05/16  
ES0.01, dated 08/05/16  
ES1.01, dated 08/05/16  
E1.01, dated 08/05/16  
E1.02, dated 08/05/16  
E2.01, dated 08/05/16  
E2.02, dated 08/05/16  
E3.01, dated 08/05/16  
E3.02, dated 08/05/16  
E4.01, dated 08/05/16  
E4.02, dated 08/05/16  
E5.02, dated 08/05/16  
E6.01, dated 08/05/16  
E6.02, dated 08/05/16  
E6.03, dated 08/05/16

END OF ADDENDUM A