



Department of Administrative Services

KIMBERLY K. HOOD  
Executive Director

Division of Facilities Construction and Management

BRUCE WHITTINGTON  
Interim Director

State of Utah

GARY R. HERBERT  
Governor

SPENCER J. COX  
Lt. Governor

# Addendum No. 1

Date: September 10, 2015

To: Contractors

From: John Harrington – Project Manager, DFCM

Reference: Multiple Solar PV Facilities  
North Salt Lake Readiness Center/Cedar City Recruiting Center  
Utah National Guard  
DFCM Project No. 15329480/15330480

Subject: **Addendum No. 1**

Pages	Addendum Cover Sheet	2 pages
	Site Specific Information Spanish Fork	6 pages
	Site Specific Information NSL	7 pages
	<u>Revised Cost Proposal</u>	<u>2 pages</u>
	Total	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.**

**1.1 SCHEDULE:** There are no project schedule changes.

**1.2 GENERAL ITEMS:** Bidders are advised that the 90 kW project at Cedar City has been changed to a 25 kW parking canopy project in Spanish Fork, Utah. Site specific information regarding Cedar City can be omitted in your considerations. Site specific information regarding Spanish Fork and North Salt Lake included in Addendum:

File Name: Spanish Fork	Type of Information
Spanish Fork_Photos.pdf	Photos of location identification, electrical room, generic information
SpanishFork_FacilitiesMap_2015.pdf	Scaled building plan
Powerplan-SF Elect Rm Floorplan.pdf	Electrical room power plan
SF One Line	Panel one-line diagram

North Salt Lake Readiness Center:

<b>File Name: North Salt Lake Readiness Cntr.</b>	<b>Type of Information</b>
NSL Drawings.pdf	Excerpt from record drawings
NSLC Photos.pdf	Photos of electrical room and building exterior

**1.3 QUESTIONS:**

1. Given the footprint available (backside, southeast corner of the building), are the bidders authorized to assume that the Solar Canopy Structure can extend into the gravel parking lot directly to the south of the desired location?
2. Assuming we can build out in the gravel on the south, will the new parking surface need to be concrete to match existing, or is highway grade asphalt and acceptable alternative?
3. Is it preferred that the bid be prepared under the assumption that any additional square footage of canopy which will not fit in the parking area in the rear of the building, is to be constructed in the west (front of building) parking lot, as designed per the original RFP?
4. Please provide a drawing with dimensions of the concrete parking area where the canopy is desired to be built
5. Are we to assume that the loading dock ramp (gravel structure) at the back of the parking area is to remain?

**ANSWER:**

UTNG is no longer considering the idea of putting canopies in the concrete area behind the facility (on the south-east side of the building). Please only bid the project as shown on the layout with canopies in the west parking lot.

# Spanish Fork

- Voltage: 480 / 3 ph
- Utility: City of Spanish Fork
- Address: 2900 N Main
- Acc #: .2090.9.2
- Max Net Meter Capacity: 25 kW
- City Net Metering Specialist: Kelly Peterson

Proposed Canopy Location over Handicap Parking area on East side of facility



Internet in the same room as the main distribution panel



Main Distribution Panel. This is where the yet to be identified breaker is for the 3<sup>rd</sup> meter as well



Exterior of building. Good location for risers. Elect room is straight down the entry hall. See floorplan for distance and location



2900 N Main St

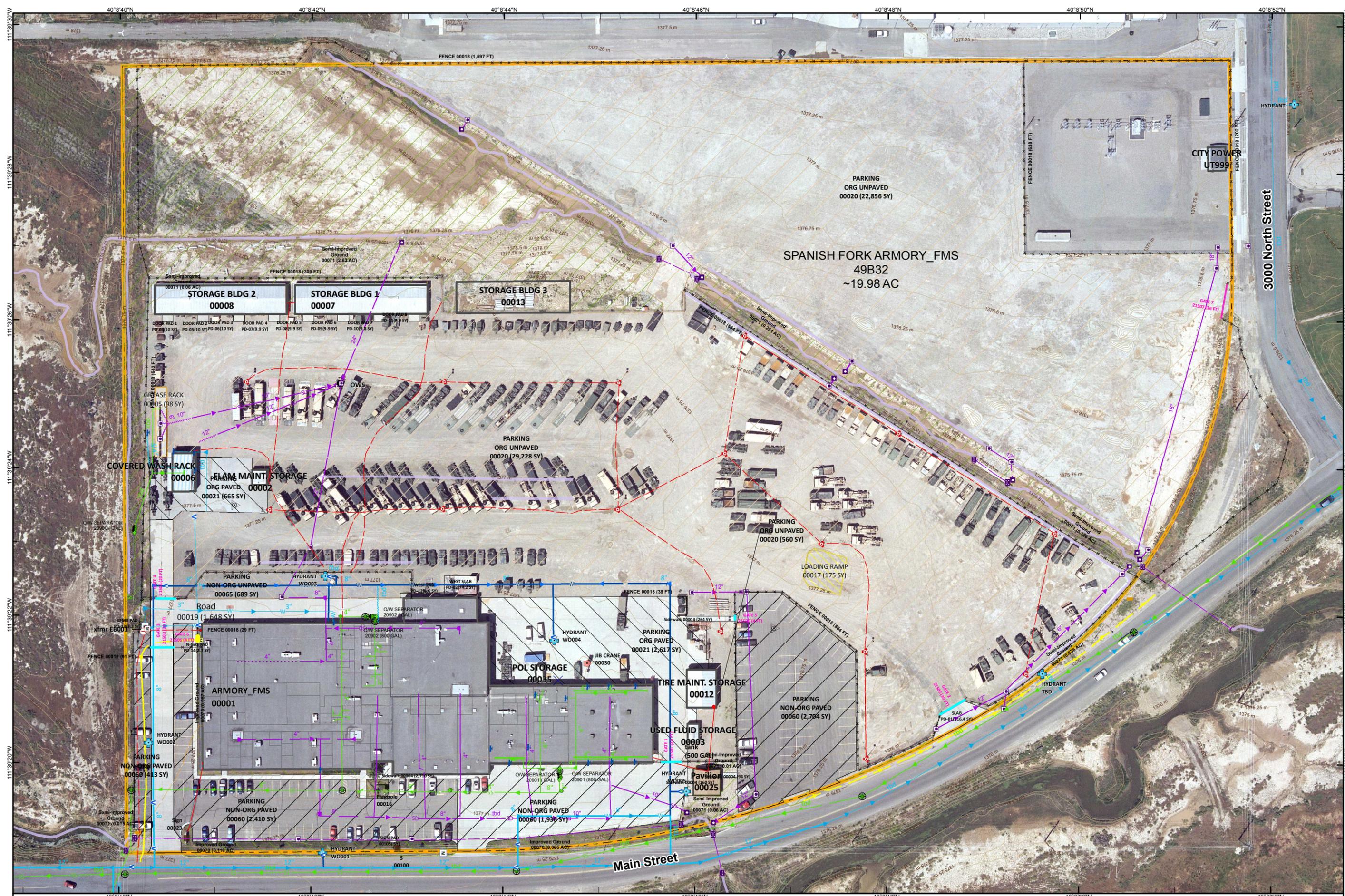
2900 N Main St  
Spanish Fork, UT 85660

Approximate Size of 24 kW Parking Canopy  
E.g. 4 # panels in portrait (4 rows)  
20 modules (66 ft) length  
4x20 = 80 modules

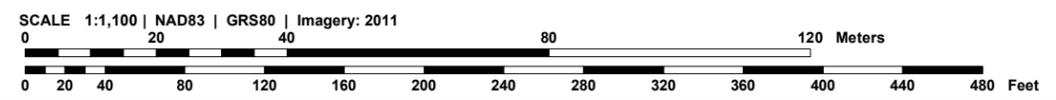
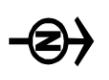
66'x22'

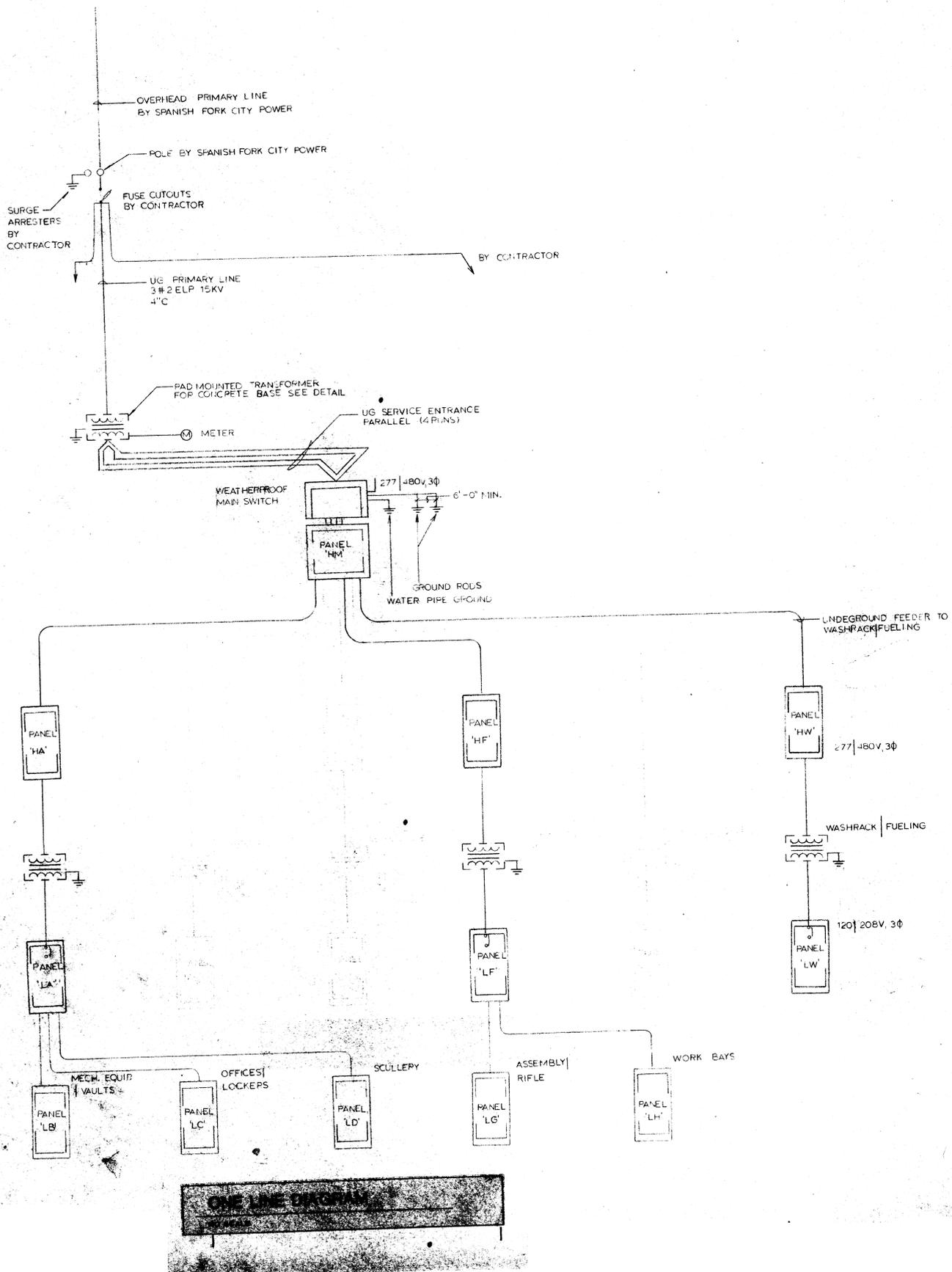
271'

155'



- fence\_line
- wall\_line
- gate\_line
- control\_point
- electrical\_meter\_point
- elect\_transformer\_bank\_point
- SWITCH
- SWITCH
- exterior\_lighting\_point
- utility\_pole\_tower\_point
- electrical\_junction\_point
- ABANDONED
- electrical OH
- electrical UG
- water\_meter\_point
- water\_valve\_point
- FAUCET
- HYDRANT
- JUNCTION\_BOX
- MANHOLE
- water\_well\_point
- MAIN
- FIRE
- SERVICE
- SPRINKLER
- ABANDONED
- comm\_antenna\_point
- comm equip\_point
- comm\_manhole\_point
- comm\_pullbox\_point
- comm\_riser\_point
- comm\_sensor\_point
- comm\_splice\_point
- comm\_terminal\_point
- comm\_twisted\_pair\_line
- comm\_fiberoptic\_line
- comm\_coaxial\_line
- natural\_gas\_meter\_point
- natural\_gas\_valve\_point
- natural\_gas\_line
- wastewater\_fitting\_point
- wastewater\_junction
- wastewater\_manhole
- wastewat\_oil\_wat\_separat\_point
- wastewater\_septic\_tank\_point
- wastewater\_line
- FM\_Verified
- FM\_Inferred
- SERVICE\_Inferred
- wastewater\_open\_drain\_line
- wastewat\_oil\_wat\_separat\_area
- storm\_sewer\_valve\_point
- storm\_sewer\_inlet\_point
- storm\_sewer\_discharge\_point
- stmsw\_oil\_wat\_separat\_point
- JUNCTION\_BOX
- MANHOLE
- storm\_sewer\_headwall\_point
- Storm Drain
- SD Inferred
- SD Abandoned
- storm\_sewer\_culvert\_line
- storm\_sewer\_open\_drainage\_line
- stmsw\_drainage\_basin\_area
- vehicle\_washrack\_area
- fuel\_pump\_point
- fuel\_tank\_point
- fuel\_meter\_point
- fuel\_valve\_point
- fuel\_line
- industrial\_waste\_line
- fuel\_tank\_area
- aboveground\_storage\_tank\_area
- underground\_storage\_tank ACTIVE
- underground\_storage\_tank INACTIVE
- GREASE RACK
- LOADING RAMP
- SIGN
- miscellaneous\_recreation\_area
- canopy\_pavilion\_area
- Improved Ground
- Semi-Improved Ground
- Installation Area

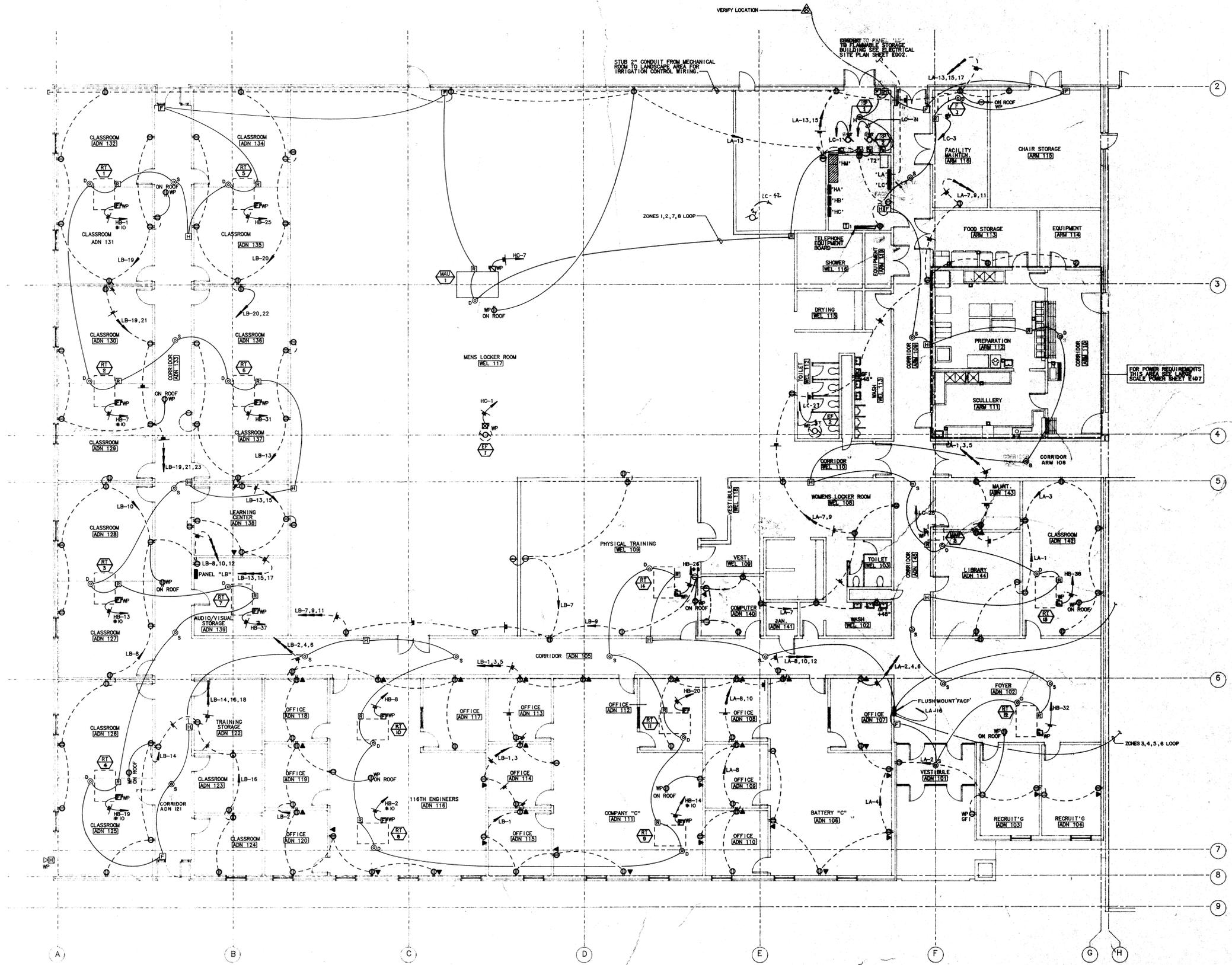




### ELECTRICAL SYMBOL SCHEDULE

1. SEE FIXTURE SCHEDULE FOR LIGHT FIXTURES AND SWITCHES
2. WIREED FROM DRAWINGS FOR ALL WIRING AND SWITCHES
3. REFER TO DRAWINGS FOR ALL WIRING AND SWITCHES
4. SUBSCRIPT KEY SWITCHES TO BE USED IN ALL CASES
5. NEW TYPE AND NON-FUNCTIONAL ACCESSORIES ARE TO BE USED
6. SEE SPECS FOR SIZE AND MATERIALS TO BE USED
7. PROVIDE W.D.S. AND S.D.S. TO BE USED AS REQUIRED
8. DOUBLE ARROWS DENOTE DOUBLE FACE UNIT
9. COORDINATE WITH MECH. DRAWINGS
10. SUBSCRIPT DENOTES NECA OR IATU STANDARD

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS			
SYMBOL	DESCRIPTION	HEIGHT	NOTES
—	ONE CIRCUIT, TWO WIRE FROM PANEL TO PANEL		
—	2 CIRCUIT, 3 WIRE, COMMON NEUTRAL AND GROUND		
—	3 CIRCUIT, 4 WIRE, COMMON NEUTRAL AND GROUND		
—	CONDUIT RUN CONCEALED IN WALL OR CEILING		
—	CONDUIT RUN CONCEALED IN FLOOR OR CEILING		
—	CONDUIT UP		
—	CONDUIT DOWN		
○	CEILING LIGHT OUTLET	8'-0"	
○	WALL LIGHT OUTLET	AS NOTED	
○	RECESSED INCANDESCENT OR H.I.D. FIXTURE	AS NOTED	
○	FLUORESCENT LIGHT FIXTURE	AS NOTED	
○	FLUORESCENT RECESS LIGHT FIXTURE	AS NOTED	
○	CEILING MOUNTED EXIT LIGHT	AS NOTED	
○	WALL MOUNTED EXIT LIGHT	AS NOTED	
⊞	SINGLE POLE SWITCH	4'-0"	
⊞	SINGLE POLE SWITCH	4'-0"	
⊞	THREE-WAY SWITCH	4'-0"	
⊞	FOUR-WAY SWITCH	4'-0"	
⊞	THERMAL OVERLOAD SWITCH WITH FLOOR MOUNT	AS NOTED	
⊞	VARIABLE INTENSITY SWITCH	AS NOTED	
⊞	MOTION SENSOR	AS NOTED	
⊞	DISPENSER RECEPTACLE	AS NOTED	
⊞	ELECTRIC WATER COOLER RECEPTACLE	AS NOTED	
⊞	WIRELESS PHONE RECEPTACLE	AS NOTED	
⊞	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE	AS NOTED	
⊞	CORD DROP	AS NOTED	
⊞	TELEPHONE OUTLET	4'-0"	
⊞	JUNCTION BOX ("E" IN FLOOR)	AS NOTED	
⊞	MOTOR OUTLET	AS NOTED	
⊞	PHOTO-ELECTRIC CONTROL	AS NOTED	
⊞	TIMED SWITCH	AS NOTED	
⊞	PUSHBUTTON	AS NOTED	
⊞	NON-FUSED DISCONNECT SWITCH	AS NOTED	
⊞	FUSED DISCONNECT SWITCH	AS NOTED	
⊞	MAGNETIC STARTER	AS NOTED	
⊞	MAGNETIC STARTER / DISCONNECT	AS NOTED	
⊞	BREAKER/STARTER COMBINATION	AS NOTED	
⊞	PANEL BOARD	AS NOTED	
⊞	MAIN DISTRIBUTION PANEL	AS NOTED	
⊞	TELEPHONE TERMINAL BOARD	AS NOTED	
⊞	CLOCK OUTLET	4'-0"	
⊞	BELL	4'-0"	
⊞	FIRE ALARM MANUAL STATION	4'-0"	
⊞	FIRE ALARM SIGNAL HORN/PROJECTORS	AS NOTED	
⊞	FIRE ALARM SIGNAL HORN	AS NOTED	
⊞	SMOKE DETECTOR	AS NOTED	
⊞	DUCT SMOKE DETECTOR	AS NOTED	
⊞	HEAT DETECTOR	AS NOTED	
⊞	DOOR HOLDER	AS NOTED	
⊞	FLOW SWITCH	AS NOTED	
⊞	TAMPER SWITCH	AS NOTED	
⊞	WATER FLOOD INDICATOR	AS NOTED	
⊞	PUSHBUTTON	AS NOTED	
⊞	SECURITY SYSTEM DOOR SWITCH	AS NOTED	
⊞	SECURITY SYSTEM MAGNETIC SWITCH	AS NOTED	
⊞	SECURITY SYSTEM OVERHEAD DOOR SWITCH	AS NOTED	
⊞	SECURITY SYSTEM KEYPAD ACCESS SWITCH	AS NOTED	
⊞	INFRARED SENSOR	AS NOTED	
⊞	MOTION DETECTOR	AS NOTED	
⊞	ELECTRIC DOOR STRIKE	AS NOTED	
⊞	ARCHITECTURAL ROOM NUMBER		
⊞	LIGHT FIXTURE (LETTER DESIGNATES TYPE)		
⊞	EQUIPMENT NUMBER		



**FIRE ALARM SYSTEM**

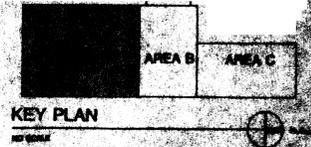
ZONE 1 - SOUTH AREA, OFFICES, LOCKERS  
 ZONE 2 - SOUTH AREA, MECHANICAL DUCTS  
 ZONE 3 - CENTER AREA, ASSEMBLY, STORAGE, RIFLE  
 ZONE 4 - CENTER AREA, MECHANICAL DUCTS  
 ZONE 5 - NORTH AREA, WORK BAYS  
 ZONE 6 - NORTH AREA, MECHANICAL DUCTS  
 ZONE 7 - SPRINKLERS, SOUTH BRANCH  
 ZONE 8 - SPRINKLERS, NORTH BRANCH

COORDINATE EXACT NUMBER OF WIRES WITH EQUIPMENT MANUFACTURERS.  
 MINIMUM WIRING SHALL BE 6 #14 TW PER ZONE. USE 1" C MIN.

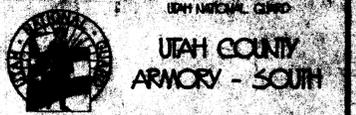
**POWER PLAN**  
 SCALE 1/8" = 1'-0"  
 AREA 'A'

**GENERAL NOTES**

1. ALL WIRING, AND/OR OTHER WORK SHOWN IS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES AND STANDARDS.



**SHARP/SORENSEN & ASSOCIATES**  
 ARCHITECTS / PLANNERS  
 455 EAST 400 SOUTH SUITE 200  
 SALT LAKE CITY, UTAH 84111  
 (801) 321-7771



UTAH COUNTY  
 ARMORY - SOUTH  
 UTAH STATE DIVISION OF  
 FACILITIES CONSTRUCTION & MANAGEMENT  
 DRAWING NO. 10-05-015

DRAWING TITLE:  
**POWER PLAN  
 AREA 'A'**

JOB NO. UNG 0057	SHEET NUMBER
DATE 6-14-91	<b>E104</b>
DRAWN BY: JENA	
CHECKED BY: DPL	
ATTACHED:	

# North Salt Lake

Attic space: plenty of room to run conduits and support structures. Easy access



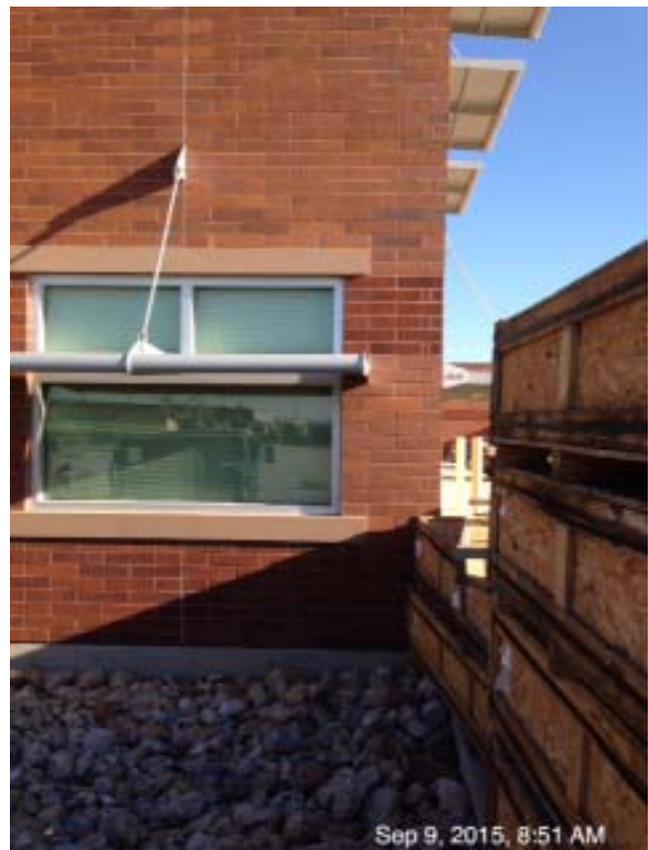
Ceiling Space in Electrical Room. Easy access plenty of room for conduit and hangers



Main Distribution Panel. This is where the 400 Amp breaker is for the 3<sup>rd</sup> meter as well



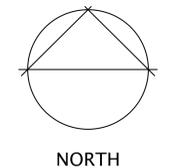
Exterior of building. Good location for risers. Elect room about 12' to the north







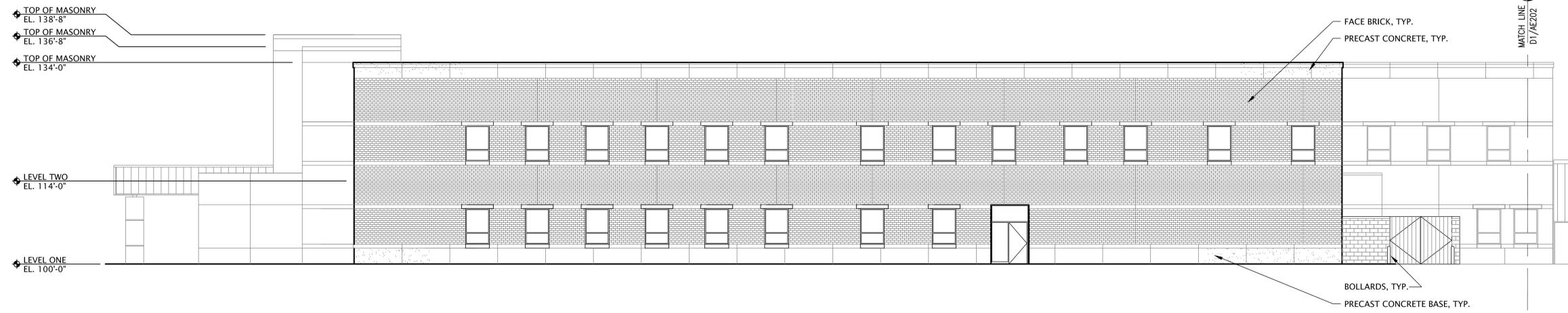
No.	DATE	REVISION



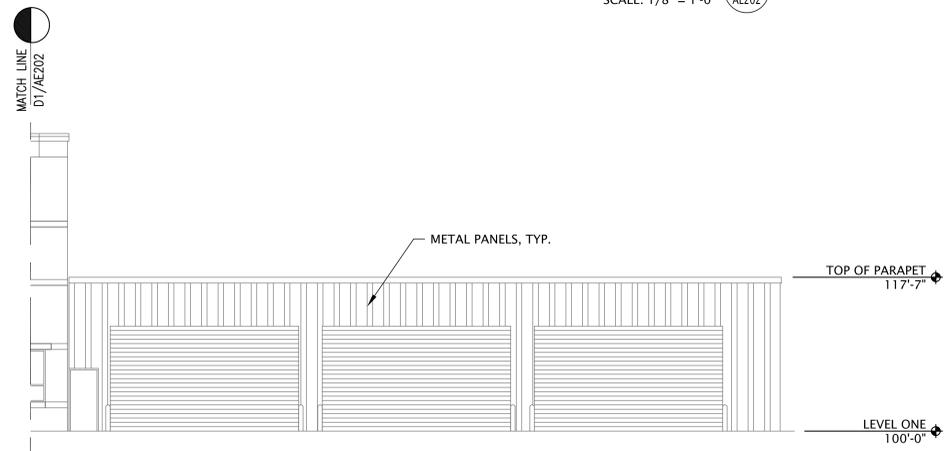
Utah National Guard

SCHEMATIC DESIGN  
EXTERIOR  
ELEVATIONS

PROJECT NO. 2005.003	AE202
DATE 12/28/2006	
DRAWN	
CHECKED	BINDING ORDER



**South Elevation** D1  
SCALE: 1/8" = 1'-0" AE202



**South Elevation** C1  
SCALE: 1/8" = 1'-0" AE202



**West Elevation** A1  
SCALE: 1/8" = 1'-0" AE202

6

5

4

3

2

1

E

D

C

B

A

MATCH LINE  
C1/AE201

TOP OF MASONRY  
EL. 134'-0"

LEVEL TWO  
EL. 114'-0"

LEVEL ONE  
EL. 100'-0"

FACE BRICK, TYP.  
PRECAST CONCRETE, TYP.

TOP OF MASONRY  
138'-8"  
TOP OF MASONRY  
136'-8"

BOLLARDS, TYP.  
PRECAST CONCRETE BASE, TYP.

North Elevation D1  
SCALE: 1/8" = 1'-0" AE201

MATCH LINE  
D1/AE201

TOP OF PARAPET  
EL. 117'-7"

LEVEL ONE  
EL. 100'-0"

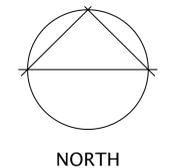
METAL PANELS, TYP.

North Elevation C1  
SCALE: 1/8" = 1'-0" AE201

GSBS ARCHITECTURE (LANDSCAPE ARCHITECTURE | PLANNING) INTERIOR DESIGN  
375 West 200 South Suite 100  
Salt Lake City  
Utah 84101  
Tel: 801.521.8600  
Fax: 801.521.7913  
GSBS-PC.COM



No.	DATE	REVISION



Utah National Guard

SCHEMATIC DESIGN  
EXTERIOR  
ELEVATIONS

PROJECT NO. 2005.003	AE201
DATE 12/28/2006	
DRAWN	
CHECKED	BINDING ORDER

6

5

4

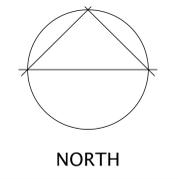
3

2

1



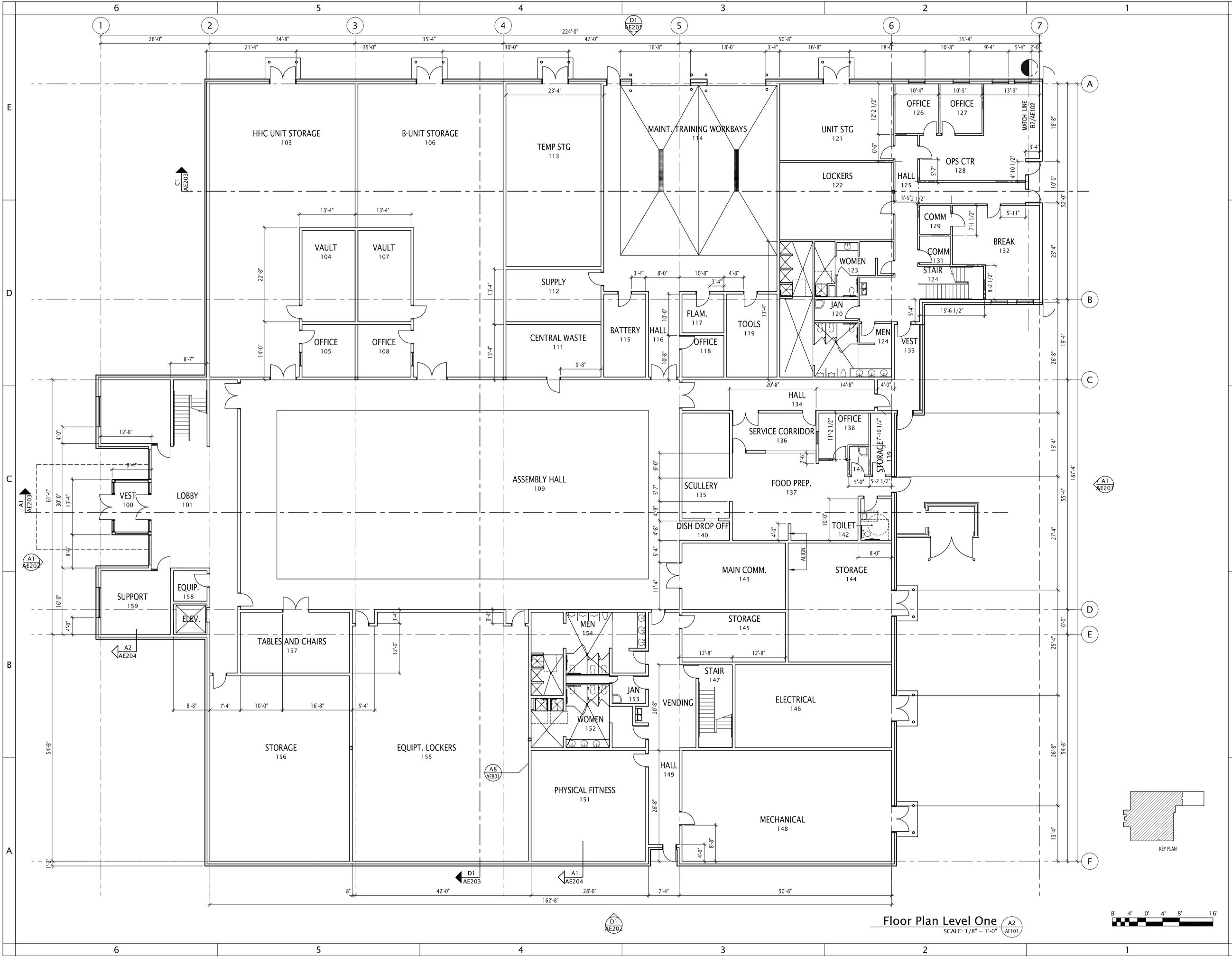
No.	DATE	REVISION



Utah National Guard

SCHEMATIC DESIGN  
 FLOOR PLAN LEVEL ONE

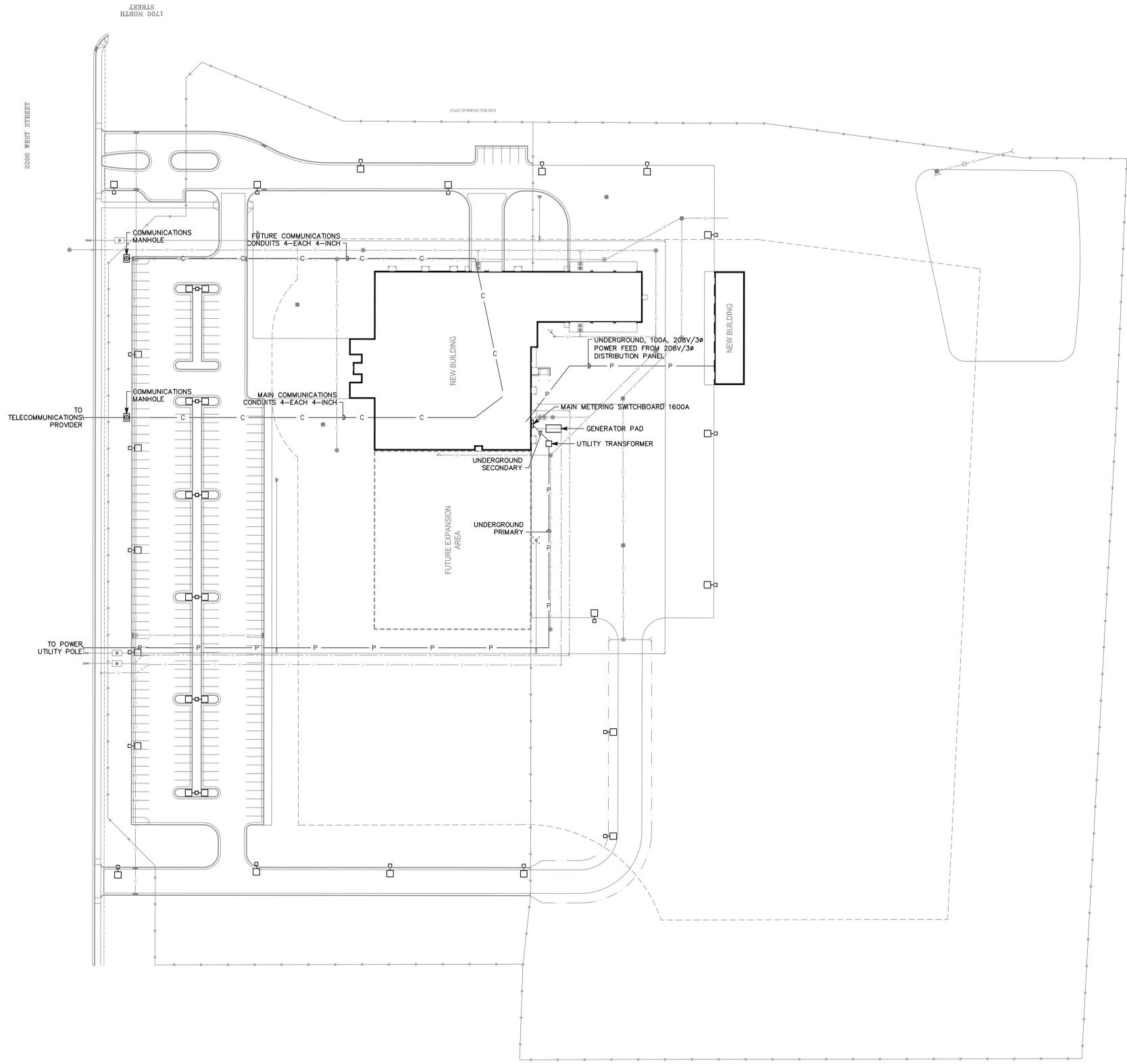
PROJECT NO. 2005.003	<b>AE101</b>
DATE 12/28/2006	
CHECKED	BINDING ORDER



Floor Plan Level One  
 SCALE: 1/8" = 1'-0"

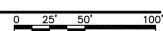


File Name: P:\2006\20060331\Drawings\Sheet\31ES-101.dwg Last Plotted: 2006/12/21 @ 11:30 AM By: pss



**A4 ELECTRICAL SITE PLAN**

SCALE: 1"=50'-0"



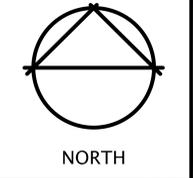
GSBS ARCHITECTURE LANDSCAPE ARCHITECTURE PLANNING INTERIOR DESIGN  
 375 West 200 South Suite 100  
 Salt Lake City  
 Utah 84101  
 Tel 801.521.8600  
 Fax 801.521.7813  
 GSBS-PC.COM



**Spectrum Engineers**

175 S Main St, Ste 300  
 Salt Lake City, UT 84111  
 T.801.328.5151 F.801.328.5155

No.	DATE	REVISION



Utah National Guard

Schematic Design

ELECTRICAL SITE PLAN

PROJECT NO. 2005-003	<b>ES1.1</b>
DATE 12/28/2006	
DRAWN PSS	
CHECKED DLA	
BINDING ORDER	





Division of Facilities Construction and Management

COST PROPOSAL FORM

REVISED PER ADDENDUM NO. 1 DATED 9-11-2015

NAME OF PROPOSER \_\_\_\_\_ 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 Design/Build Teams" and in accordance with the "Request for Proposals" for the MULTIPLE SOLAR PV FACILITIES - UTAH NATIONAL GUARD - NORTH SALT LAKE READINESS CENTER - NORTH SALT LAKE, UTAH - DFCM PROJECT NO. 15329480 AND CEDAR CITY RECRUITER CENTER - CEDAR CITY, UTAH - DFCM PROJECT NO. 15330480, and having examined the Contract Documents and the site(s) of the proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project(s), including the availability of labor, hereby proposes to design and construct solar photovoltaic arrays as required for the Work in accordance with the Contract Documents, within the time set forth, at the price stated below. This price is to cover all expenses incurred in performing the Work required under this RFP and the Contract Documents.

I/We acknowledge receipt of the following Addenda: \_\_\_\_\_

The Proposer is responsible for complying with all applicable Utah State Sales and Use Tax exemption requirements.

The Proposer is responsible for payment of all Utah State Sales and Use Tax obligations that arise from the Proposer's failure to comply with exemption requirements. We encourage Proposers to visit www.dsireusa.org for further information. Please note, that this website does not include all information needed to meet this requirement. Proposers must use due diligence in obtaining all information on tax requirements.

Table with 5 columns: kWDC, Annual Production (kWh), Total Build Price, Terms (warranties etc) (Use Separate Sheet if Required), and a row for Spanish Fork.

Summary table with 3 columns: COST, NORTH SALT LAKE, SPANISH FORK. Rows include Materials, Labor, and TOTAL.

I/We guarantee that the Work will be Substantially Complete by **September 30, 2016**, should I/we be the successful proposer.

This bid shall be good for 60 days after bid opening.

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 thirty (60) days, unless a shorter time is specified in the Contract Documents, and deliver acceptable Performance Bond in the prescribed form in the amount of 100% of the Contract Sum for faithful performance of the contract.

Type of Organization:

\_\_\_\_\_  
(Corporation, Partnership, Individual, etc.)

Any request and information related to Utah Preference Laws:

\_\_\_\_\_

Respectfully submitted,

\_\_\_\_\_  
Name of Proposer

ADDRESS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Authorized Signature