



State of Utah

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Department of Administrative Services

KIMBERLY K. HOOD  
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Division of Facilities Construction and Management

P. JOSHUA HAINES  
Director

## Addendum No. 2 – Stage II

Date: January 16, 2014

To: Design/Build Teams

From: Brent Lloyd - Project Manager

Reference: Salina Maintenance Facility  
Utah Department of Transportation – Salina, Utah  
DFCM Project No. 12335900

Subject: **Addendum No. 2**

Pages	Addendum Cover Sheet	3 pages
	<u>Drawings</u>	<u>2 pages</u>
	Total	5 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.**

**2.1 SCHEDULE CHANGES:** There are no Project Schedule changes.

**2.2 GENERAL ITEMS:** Clarifications/Questions/Answers

2.2.1 Clarification: Regardless of how much of the entire project is accepted, a complete master plan of the site will be required. The site shall be completely designed so that in the future UDOT knows where additional structures may be located and at what elevation. The Design/Build Team must include a complete draft of their proposed site plan with their submittal.

2.2.2 Clarification:

- a. The soils report is referenced incorrectly in two spots, page 50 Pavement Standards and 52 Geotechnical Criteria. They are replaced with: "Refer to Geotechnical Report in Appendix by Western Technologies dated Sept. 19, 2013."
- b. The grading criteria in the Program Document is too vague for the asphalt section on page 50. It is replaced with: "Maximum slope is required to be no more than 5%. Slopes greater than 5% will require Owner/Agency approval."

- 2.2.3 Clarification: Concrete waterproofing is a necessary program requirement (typically referred to as "Xypex") in the following project components:
- a. Floor of Maintenance Bay (program page 42)
  - b. Floor of Repair Bays (program page 44)
  - c. Floor of Storage Bays (program page 46)
  - d. Floor, Base, Basin Walls of Exterior Waste Oil Storage (program page 48)
  - e. The Stemwalls and above grade walls of the Salt Storage Building
  - f. All exterior vehicle garage approach aprons

All references in the program to "Xypex", including those on pages 42, 44, 46 and 48, are not intended to establish a sole source product requirement. Where referenced as "Xypex" and as stated in items a thru "f" above, UDOT requires the use of a concrete waterproofing product in accordance with the program Appendix Specification Section 03053 "Concrete Admixture Waterproofing System". Xypex is pre-approved as a contractor's option for this requirement as specified in Appendix Specification Section 03052.

- 2.2.4 Clarification: Regarding garage door aprons; concrete approach aprons, no steeper than 2% slope are required outside each of the garage doors for a distance of twenty feet (20') off of the face of the building. Where groups of door occur on the same side of a building the apron shall be joined between the doors (as illustrated in the program document pages 43, 45 and 47).

- 2.2.5 Clarification: Regarding man door landings; concrete man door landings sloped and sized to meet ADA requirements are required on the exterior of all project man doors.

- 2.2.6 Question: Can you give parameters for what UDOT expects the Salt Storage Building at this site?

*Answer: The Salina Salt Storage Shed is intended to be a building size 50' x 80'; alternate sizes will be considered. However, the capacity of building shall be a minimum of 1800 cubic yards and include the following criteria:*

- a. *Retaining wall height: 10' minimum*
- b. *Building eave height: 20' minimum*
- c. *Minimum front opening height: 18'*
- d. *Retaining walls shall be designed to retain salt stored to the full height of the retaining wall plus the amount able to be stored using the standard accepted angle of repose of salt. For wall design purposes the following standards shall be used:*
  1. *Bulk Density - 80 lbs/ cu. ft.*
  2. *Angle of repose - 32°*
  3. *Internal Friction Angle - 36°*
- e. *The exterior of the building enclosure must be maintenance free. For the purposes of this bid, any structure, framing, etc. which forms the opening at the front shall be considered part of the exterior and shall meet the requirements of this section. Exposed structure is not allowed. Any structure shall be covered with the same material as the remainder of the building.*
- f. *The front of the building shall be completely open from inside face of wall to inside face of wall.*
- g. *The inside face of walls shall be free of obstructions. Any piers required shall protrude to the outside.*

- h. The exterior of the building enclosure must be maintenance free. For the purposes of this bid, any structure, framing, etc. which forms the opening at the front shall be considered part of the exterior and shall meet the requirements of this section. Exposed structure is not allowed. Any structure shall be covered with the same material as the remainder of the building.*
- i. The front of the building shall be completely open from inside face of wall to inside face of wall.*
- j. The inside face of walls shall be free of obstructions. Any piers required shall protrude to the outside.*

2.2.7 Question: Can UDOT supply a detail of the wash racks and sander racks required at this site?

*Answer: See attached drawings.*

2.2.8 Question: Will a single entry point with dual motorized pivot gates be acceptable?

*Answer: The Program Documents two motorized gates for salt delivery. One gate will usually be open during daily operations, which is usually when material will be delivered. If a truck can maneuver around the site adequately and use only one gate, that is acceptable; otherwise, two gates with opening loops would be preferred.*

KEYNOTES

- 02200.A0 COMPACT FILL - SEE CIVIL
- 02200.B0 GRAVEL BASE
- 02512.A0 ZERO VOIDS ASPHALT PAVING (THICKNESS)
- 02513.A0 ASPHALT CONCRETE PAVING
- 03053.A0 CONCRETE WATER PROOFING ADMIXTURE
- 03055.A0 SALT AND WATER BARRIER
- 03300.A1 CONCRETE SLAB-ON-GRADE - SEE STRUCTURAL
- 03300.C1 FOOTING - SEE STRUCTURAL
- 03300.H1 CONCRETE PIER - SEE STRUCTURAL
- 03300.N0 CONCRETE CURB
- 03300.M1 REINFORCED CONCRETE PIERS - SEE STRUCTURAL
- 03300.P8 CHAMFER EDGE
- 05120.A1 STEEL BEAM GALVANIZED - SEE STRUCTURAL
- 05120.B1 STEEL COLUMN GALVANIZED - SEE STRUCTURAL
- 05500.J1 PIPE BOLLARD (DIAMETER) - GALVANIZED AND PAINTED
- 05500.Z0 CHAIN - GALVANIZED

GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS AND THEIR COMPATIBILITY WITH NEW CONSTRUCTION PRIOR TO THE COMMENCEMENT OF WORK. COORDINATE DISCREPANCIES WITH ARCHITECT.
2. DO NOT SCALE DRAWINGS.
3. SEE CIVIL AND STRUCTURAL FOR ADDITIONAL INFORMATION.
4. SEE CIVIL DRAWINGS FOR EXACT GRADES.
5. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK BETWEEN TRADES. SUB-CONTRACTORS ARE ALSO RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AND DISCIPLINES INCLUDED IN THE CONTRACT DOCUMENTS. IF ANY DISCREPANCIES ARE FOUND, GENERAL CONTRACTOR IS TO NOTIFY ARCHITECT IMMEDIATELY BEFORE COMMENCEMENT OF WORK. NO EXTRA COSTS TO THE PROJECT WILL BE INCURRED DUE TO FAILURE OF GENERAL CONTRACTOR AND/OR SUB-CONTRACTORS TO REVIEW CONTRACT DOCUMENTS AND COORDINATE WITH OTHER TRADES.

CLIENT

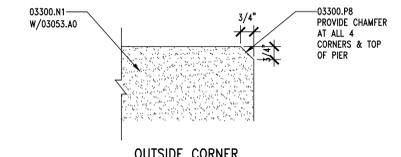


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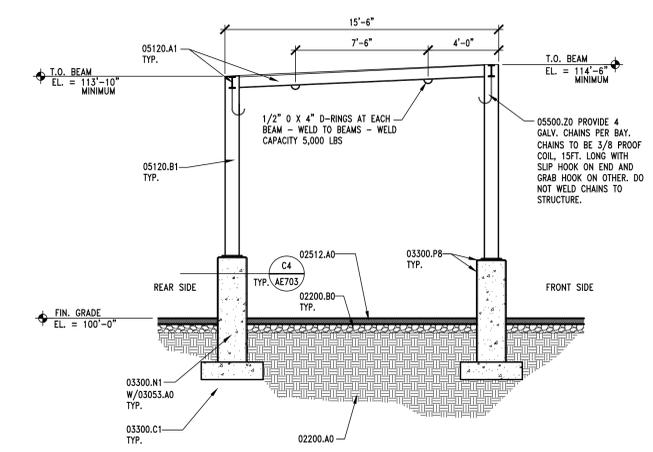


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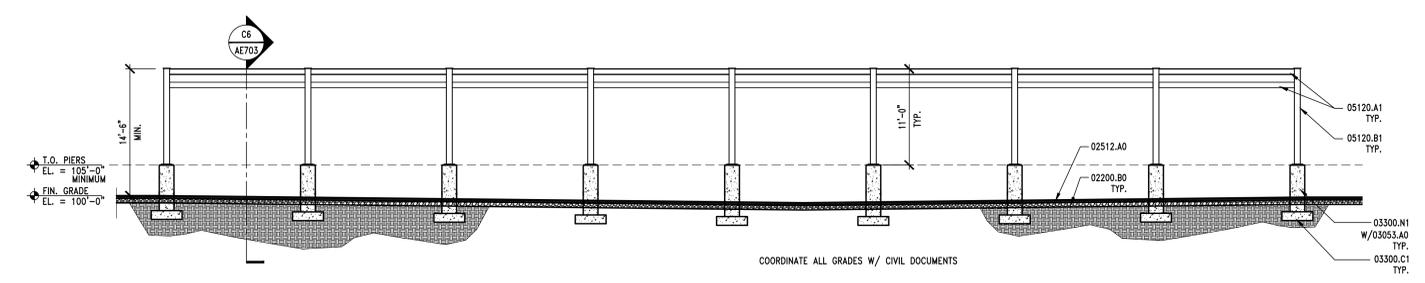
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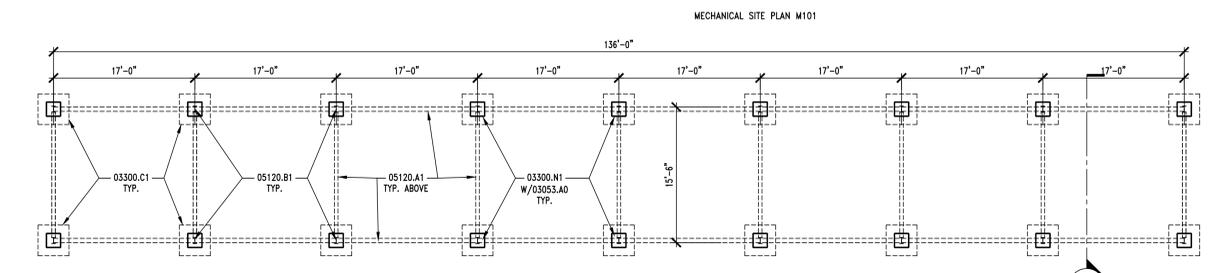
**C4 | CHAMFER DETAIL**  
 AE705 REF. AE705 SCALE: 3" = 1'-0"



**C6 | SANDER RACKS SECTION**  
 AE705 REF. AE705 SCALE: 1/4" = 1'-0"



**B1 | SANDER RACKS ELEVATION EAST**  
 AE705 REF. AE705 SCALE: 1/8" = 1'-0"



**A1 | SANDER RACKS - PLAN**  
 AE705 REF. C100 SCALE: 1/8" = 1'-0"

REGISTRATION

ISSUE

MARK	DATE	DESCRIPTION

ARCHITECT PROJECT NO:

UDOT PROJECT NO:

DRAWN BY:

CHECKED BY:

SCALE:

DATE:

SHEET TITLE

**SANDER RACK  
 PLANS, SECTIONS  
 & ELEVATIONS**

**AE703**

**GENERAL NOTES**

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2. DO NOT SCALE DRAWINGS.
3. SEE CIVIL, STRUCTURAL, PLUMBING & ELECTRICAL DRAWINGS FOR MORE INFORMATION.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK BETWEEN TRADES. SUB-CONTRACTORS ARE ALSO RESPONSIBLE FOR COORDINATION WITH OTHER TRADES AND DISCIPLINES INCLUDED IN THE CONTRACT DOCUMENTS. IF ANY DISCREPANCIES ARE FOUND, GENERAL CONTRACTOR IS TO NOTIFY ARCHITECT IMMEDIATELY BEFORE COMMENCEMENT OF WORK. NO EXTRA COSTS TO THE PROJECT WILL BE INCURRED DUE TO FAILURE OF GENERAL CONTRACTOR AND/OR SUB-CONTRACTORS TO REVIEW CONTRACT DOCUMENTS AND COORDINATE WITH OTHER TRADES.

**KEYNOTES**

- 02512.A0 ZERO VOIDS ASPHALT PAVING (THICKNESS)
- 03053.A0 CONCRETE WATER PROOFING ADMIXTURE
- 03300.D0 CONCRETE PAD
- 03300.H1 CONCRETE PIER - SEE STRUCTURAL
- 05120.B1 STEEL COLUMN - SEE STRUCTURAL - GALVANIZED
- 05510.F1 STEEL STRINGER - (SIZE) - GALVANIZED
- 05521.A3 1 1/2" O.D. PIPE GUARDRAIL - GALVANIZED
- 05521.B3 1 1/2" O.D. PIPE HANDRAIL - GALVANIZED
- 05530.C1 METAL GRATE PANEL - GALV.
- 05530.C2 METAL GRATE TREAD - GALV.

CLIENT

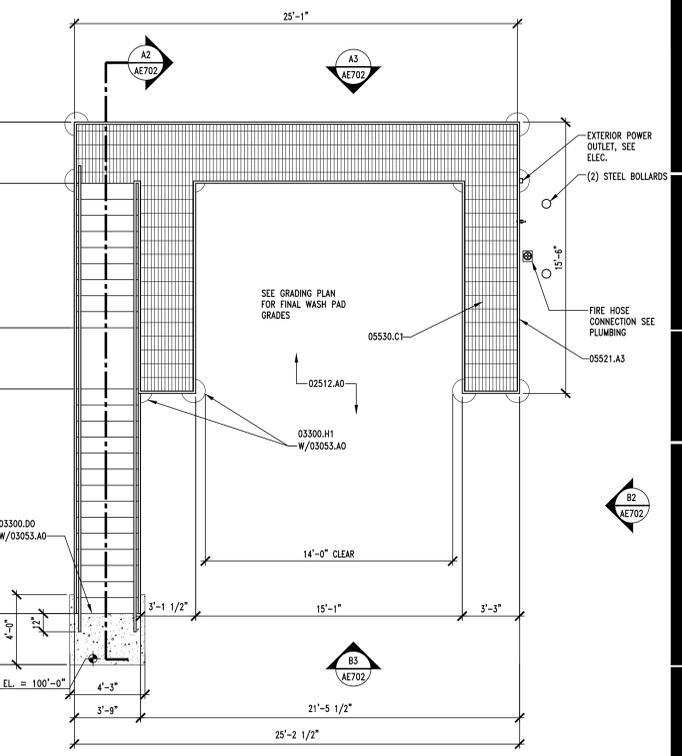
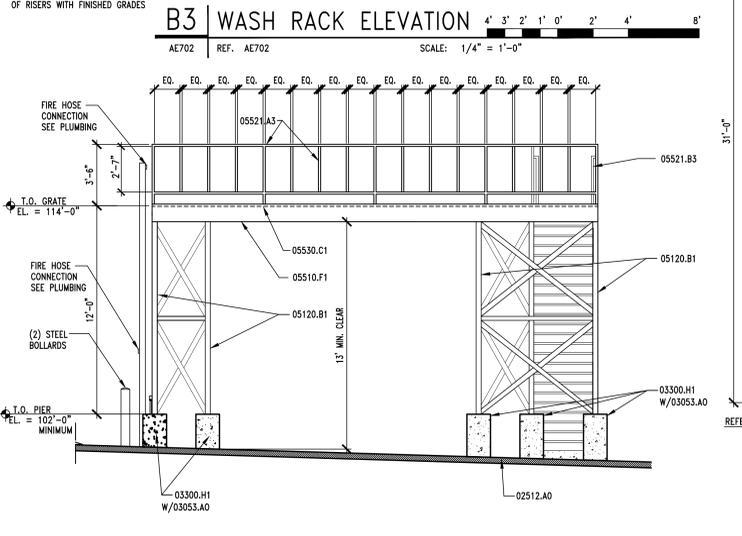
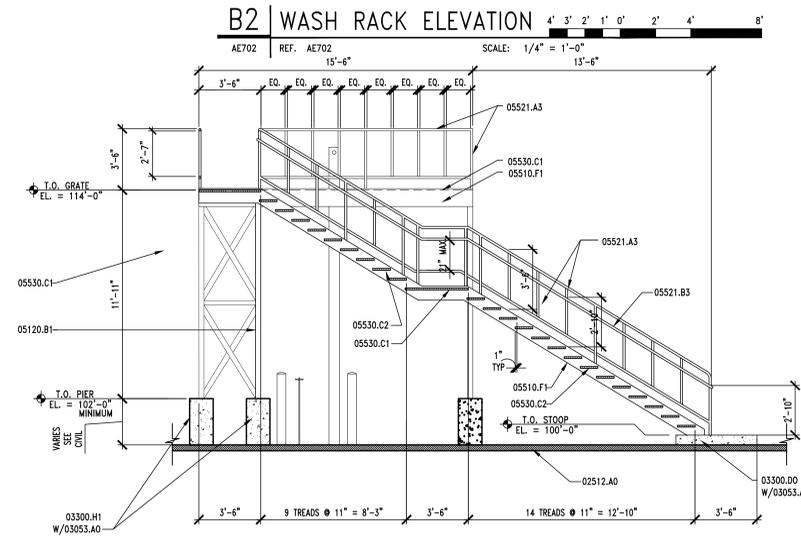
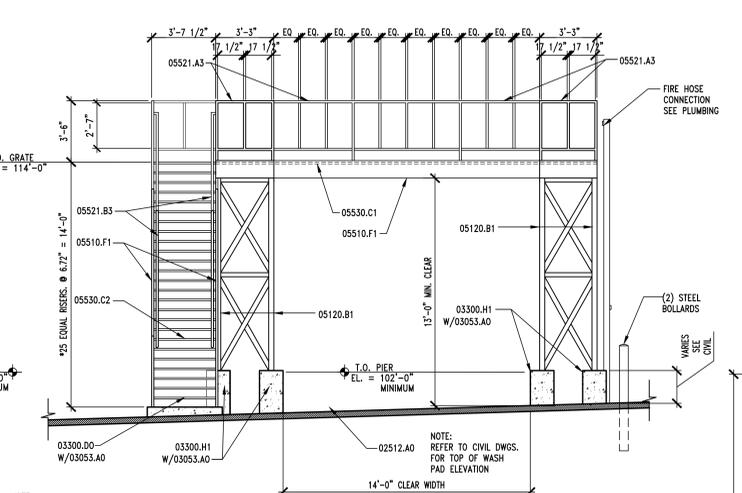
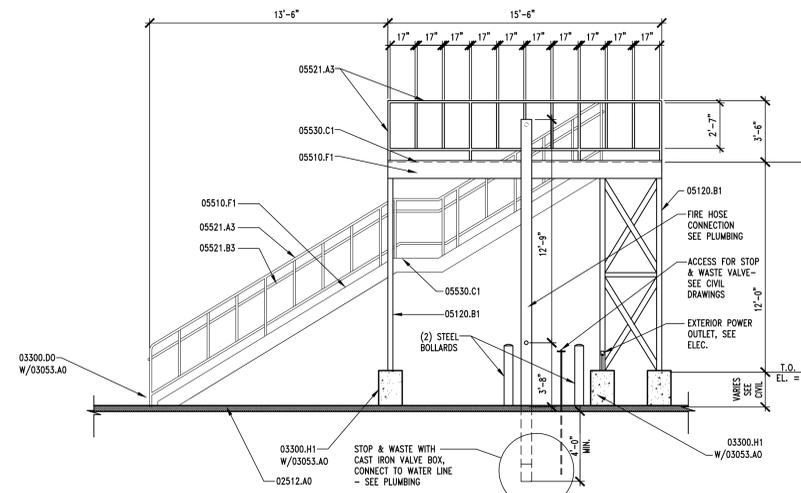


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**WASH RACK PLAN, SECTION & ELEVS**

**AE702**