



State of Utah

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Lieutenant Governor

Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

F. KEITH STEPAN
Director

ADDENDUM #1

Date: April 10, 2007

To: Contractors

From: Brent Lloyd, Project Manager, DFCM

Reference: Campground Improvements – Antelope Island State Park
Division of Parks & Recreation – Syracuse, Utah
DFCM Project No. 06138510

Subject: **Addendum No. 1**

Pages	Addendum	1	page
	Engineers Addendum	3	pages
	<u>Engineers Drawings and Specs.</u>	<u>3</u>	<u>pages</u>
	Total	7	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 CHANGES – There are no project schedule changes per this Addendum.

1.2 GENERAL: MGB+A Specs. and Drawings

End of Addendum #1

ADDENDUM #1
TO THE SPECIFICATIONS AND DRAWINGS
OF
Bridger Bay Campground
Antelope Island State Park, Utah

DFCM PROJECT NO: 06138510

This addendum, dated April 6, 2007, is for all contractors preparing for the above mentioned project and shall be part of the contract documents.

This addendum consists of two (2) typewritten page. All changes, corrections, deletions and/or additions to the initial bidding documents enumerated herein shall be included in the bidder's proposal.

In case of any conflict between the drawings, specifications and this addendum, the addendum shall govern.

CLARIFICATIONS TO THE SPECIFICATIONS AND DRAWINGS:

1. Disregard previous drawings and use drawings dated 6 April 2007.
2. There are to be no stairs in project. Contractor to install concrete pads as near the campsite turnout in elevation as possible so that a 5% sidewalk can connect the pad to the existing turnout. If significant excavation (more than 24") than a connecting sidewalk will not be required.
3. The project is considered remote from concrete patch plants. The specifications for concrete hauling time shall be amended to allow 90 minutes for delivery time.
4. There are ADA signs for ADA compliant campgrounds now in the drawings. See Sheet LD.01 Detail D
5. Campsite numbers have been included on the plan set dated 6 April 2007.
6. Concrete pads shall have a 2% longitudinal crown. See Detail A Sheet

LD.01.

7. The pavilion slab will not be a turn down slab. Insure that soil is placed adjacent to slab edge as indicated on Detail A and C Sheet LD.01.
8. Polygon has provided a footing detail. See attached footing detail from manufacturer.
9. Polygon supplier address had been provided. See detail C Sheet LD.01



Foundation Design - Pinned Base

Foundation Dimensions
 D_{fc} - Diameter of Circular Footing (ft) = 2.00 ft
 L_f - Depth of Footing Embedment (ft) = 2.50 ft

Column Reactions
 P_g - Maximum Vertical Gravity Reaction = 2.02 kips
 P_u - Maximum Vertical Uplift Reaction = -0.38 kips
 DL - Column Dead Load Reaction = 0.31 kips
 V - Maximum Horizontal Reaction = 0.11 kips

Bearing Check

A_f - Contact Area of Bottom of Footing = $\pi D_{fc}^2 / 4$ for Circular Footing = 3.14 sq ft
 B_p - Bearing Pressure in pounds per square foot = $(P_g / A_f) \times 1000$ = 643 psf
 B_1 - Allowable Foundation Pressure - Per IBC Table 1804.2, Class 5 = 1500 psf

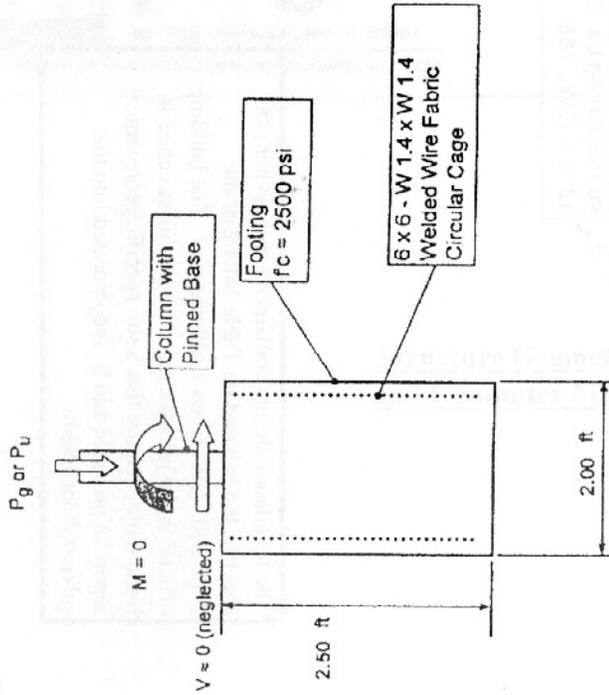
Allowable Bearing Pressure Exceeds Actual Bearing - OK

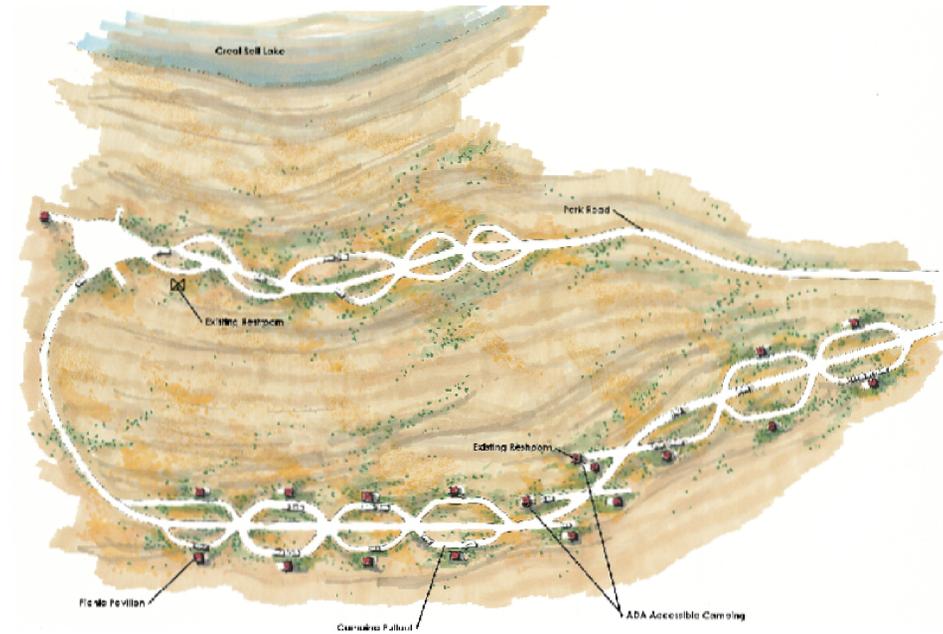
Uplift Check

Factored Wind Uplift Load = $(P_u - DL) \times 1000 \times 1.5$ for Increase = -1035 lbs
 Factored Column Dead Load = $DL \times 1000 \times 90\%$ for Reduction = 279 lbs
 Required Foundation Dead Load = Factored Dead - Factored Uplift = 756 lbs

A_f - Footing Area = 3.14 sq ft
 W_f - Weight of the Footing = $A_f \times L_f \times \gamma_c$ = 1139 lbs

Weight of Footing Exceeds Uplift Loading - OK





ANTELOPE ISLAND STATE PARK, BRIDGER BAY CAMPGROUND

DAVIS COUNTY, UTAH

PREPARED BY: **MGB+A**
The Grassli Group

April 6, 2007

DFCM Project # 06138510



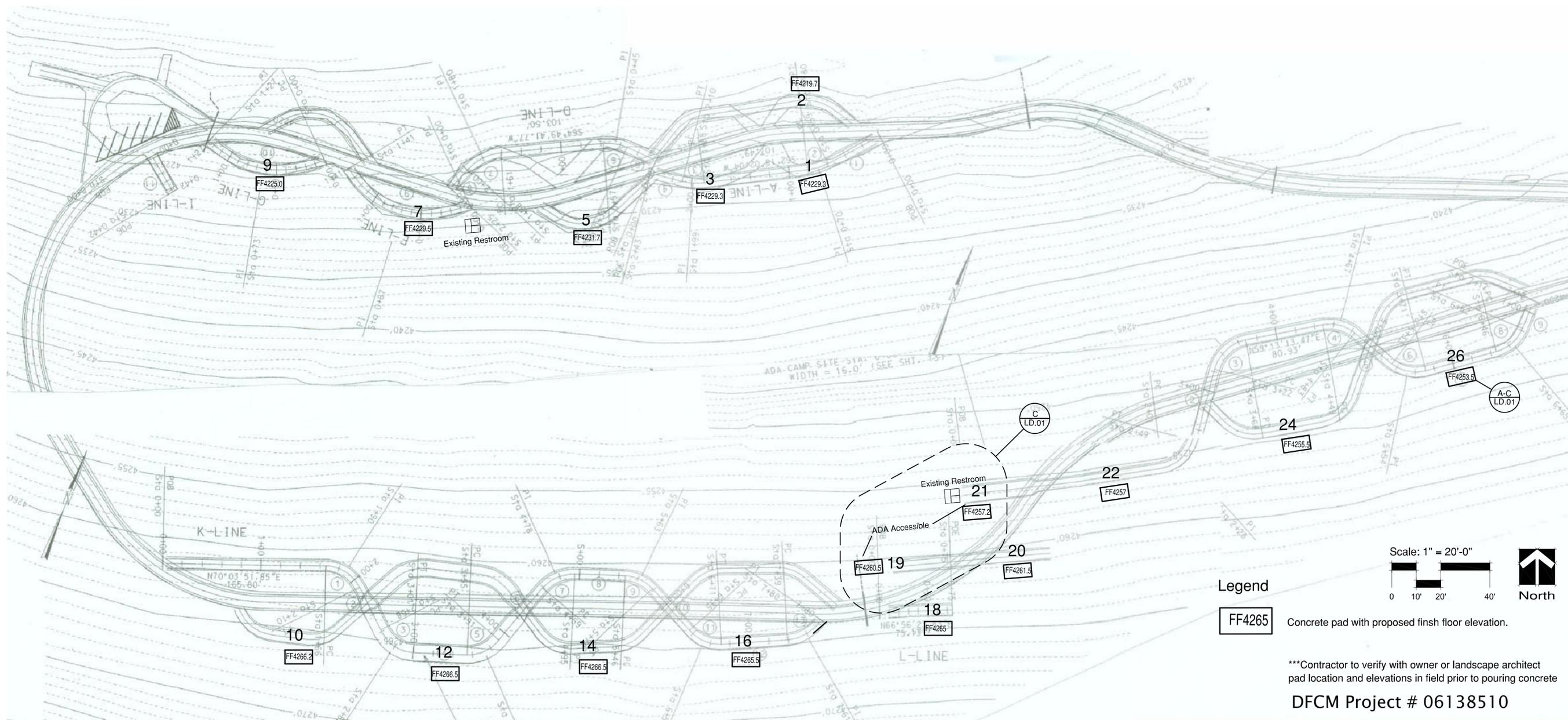
Taken from www.mapquest.com

VICINITY MAP

North

SHEET INDEX

- L1.01 PICNIC PAVILION LAYOUT PLAN
- LD.01 PICNIC PAVILION LAYOUT AND DETAILS



Legend

FF4265 Concrete pad with proposed finish floor elevation.

***Contractor to verify with owner or landscape architect pad location and elevations in field prior to pouring concrete

DFCM Project # 06138510

Antelope Island State Park
Bridger Bay Campground
Antelope Island, Utah

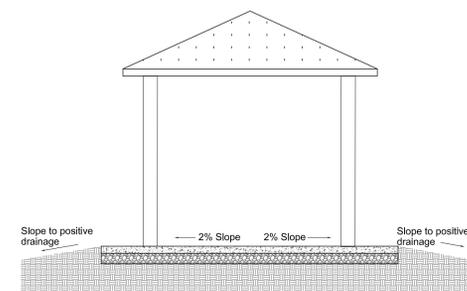
Drawing Date: 6 Apr 07
Scale: 1"=20'
Drawn: JAB Checked: LMG
Project #: 06-160
Revisions:

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Sheet Name:
**PAVILION
LAYOUT
PLAN**

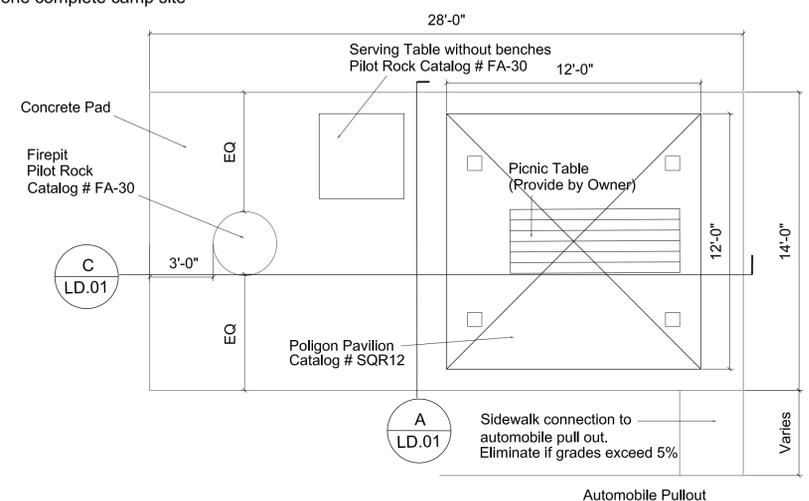
Sheet Number:

L1.01

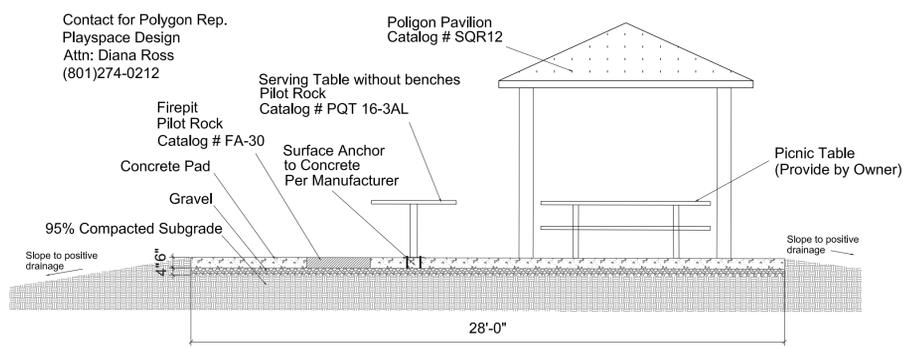


A Proposed Pavilion Pad Section
Scale: 1/4" = 1'-0"
0 2' 4" 8'

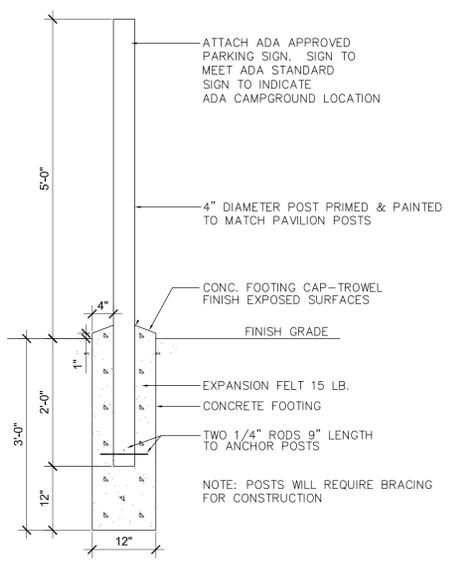
Notes:
Alternative #1 to Base Bid
Contractor to provide a separate price for
one complete camp site



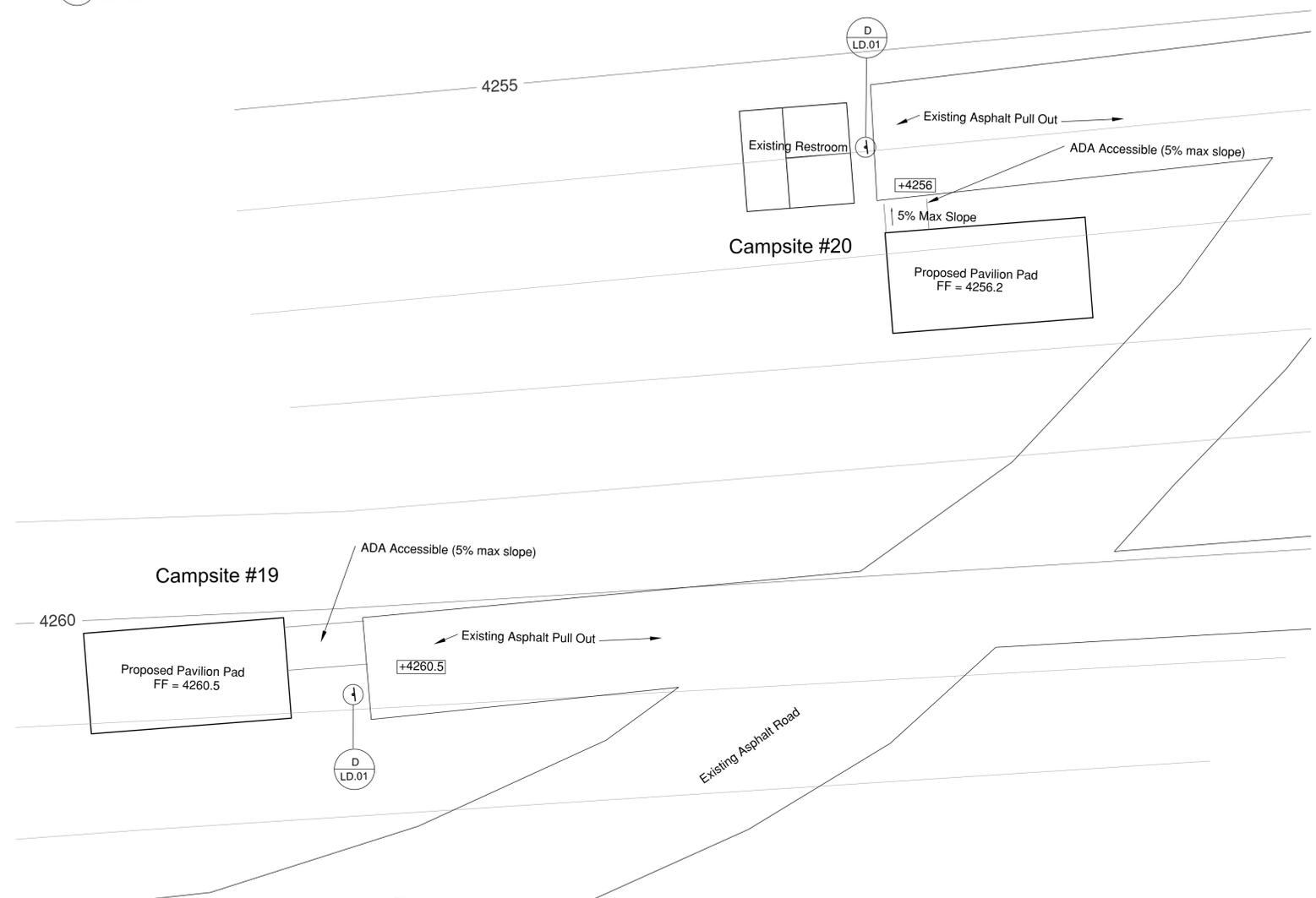
B Proposed Pavilion Plan View
Scale: 1/4" = 1'-0"
0 2' 4" 8'



C Proposed Pavilion Pad Section
Scale: 1/4" = 1'-0"
0 2' 4" 8'



D ADA CAMPSITE SIGN
SCALE: 1" = 1'-0"



E ADA Access for New Pavilion & Pad
Scale: 1" = 10'
0 5' 10' 20'

Antelope Island State Park
Bridger Bay Campground
Davis County, Utah

Drawing Date: 6 APR 07
Scale: VARIES
Drawn: JAB Checked:
Project #: 06-160
Revisions:
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Sheet Name:
PAVILION LAYOUT
AND DETAILS
Sheet Number:
LD.01

DFCM Project # 06138510