




**DRAINAGE LETTER  
D-49 CAREERS IN CONSTRUCTION**

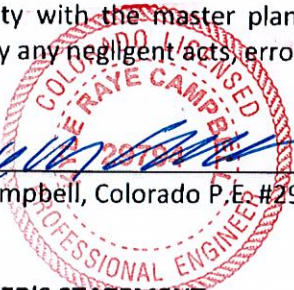
**DRAINAGE LETTER STATEMENT**

**ENGINEER'S STATEMENT:**

The attached drainage plan and report were prepared under my direction and supervision and are correct to the best of my knowledge and belief. Said drainage report has been prepared according to the criteria established by the El Paso County for drainage reports and said report is in conformity with the master plan of the drainage basin. I accept responsibility for any liability caused by any negligent acts, errors, or omissions on my part in preparing this report.

  
\_\_\_\_\_  
Kyle R Campbell, Colorado P.E. #29794

12.11.18  
\_\_\_\_\_  
Date



**DEVELOPER'S STATEMENT:**

I, the developer, have read and will comply with all of the requirements specified in this drainage report and plan.

Business Name: Falcon School District No. 49

By: Brett Ridgway

Title: Brett Ridgway - CBO

Address: 10850 E. Woodmen Road

Peyton, CO 80831

**EL PASO COUNTY ONLY:**

Filed in accordance with the requirements of the Drainage Criteria Manual, Volumes 1 and 2, El Paso County Engineering Criteria Manual and Land Development Code as amended.

\_\_\_\_\_  
Elizabeth Nijkamp, P.E.  
Engineer Review Manager

**Approved**

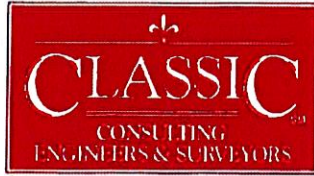
**By: Elizabeth NijKamp**

**Date: 12/11/2018**



El Paso County Planning & Community Development

Conditions:



November 19, 2018

El Paso County  
Planning and Community Development  
2880 International Circle, Suite 110  
Colorado Springs, CO 80910

ATTN: Mrs. Elizabeth Nijkamp, P.E.

RE: Drainage Letter for D-49 Careers in Construction

Dear Elizabeth:

Please consider this the Drainage Letter for the D-49 Careers in Construction building addition to the D-49 Patriot Learning Center Campus located adjacent to Highway 24 at 11990 Swingline Road.

The existing site where the proposed building is to be placed previously contained modular buildings, but now is entirely covered in gravel with grades between 1 and 2 percent. Existing drainage sheet flows toward an existing 8" storm pipe that crosses under an existing westerly private drive-aisle (see highlighted Site Plan attached). The 8" pipe daylights on the west side of the school's private drive aisle and no evidence of downstream erosion or degradation is visible (even with the prior intensive modular use). The 47.96-acre, D-49 site will only see 0.38 acres of disturbance with this proposed project, therefore stormwater quality is not required. As this immediate area will predominantly flow through grass (landscape swales on the west and south side of the proposed building), a certain level of filtration and water quality treatment will be provided for this building, even though not needed. The recipient of these flows is the existing westerly drainage ditch located off the site.

The general drainage patterns will remain unchanged when the proposed 4800 SF building construction.

No prior drainage studies exist for the site, nor is the proposed building site located within a FEMA floodplain. Per Flood Insurance Rate Map Community Panel Number 08041Co575C, effective date March 17, 1997 (see attached).

**SUMMARY**

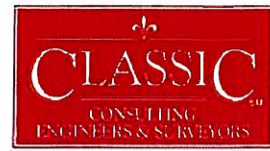
Based upon the minimal size of the building, 4800 SF, and with only 0.38 acres of disturbance to construct the building and site work, no adverse impacts to downstream facilities and properties is anticipated.

If you have any questions or comments regarding this letter, please do not hesitate to call.

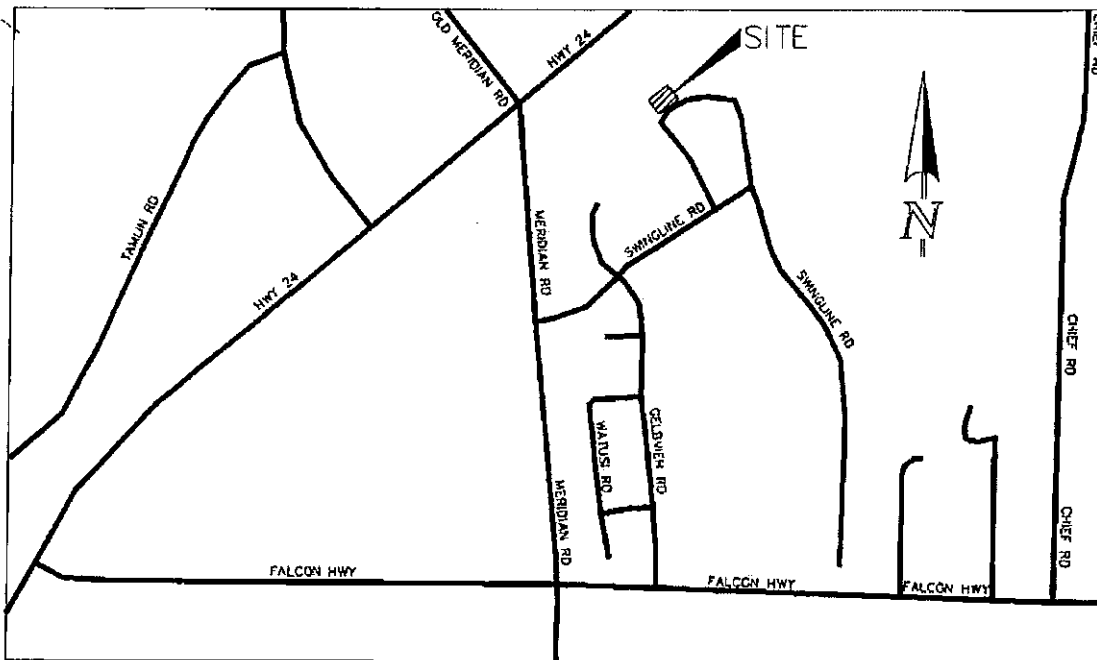
Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Kyle R. Campbell", with a long horizontal flourish extending to the right.

Kyle R. Campbell, P.E.  
Division Manager  
Sm/253100/drainage letter doc



## VICINITY MAP



VICINITY MAP  
NTS



**FLOODPLAIN MAP**





APPROXIMATE SCALE IN FEET  
0 2000

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM FLOOD INSURANCE RATE MAP**  
EL PASO COUNTY,  
COLORADO AND  
INCORPORATED AREAS

PANEL 575 OF 1300  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

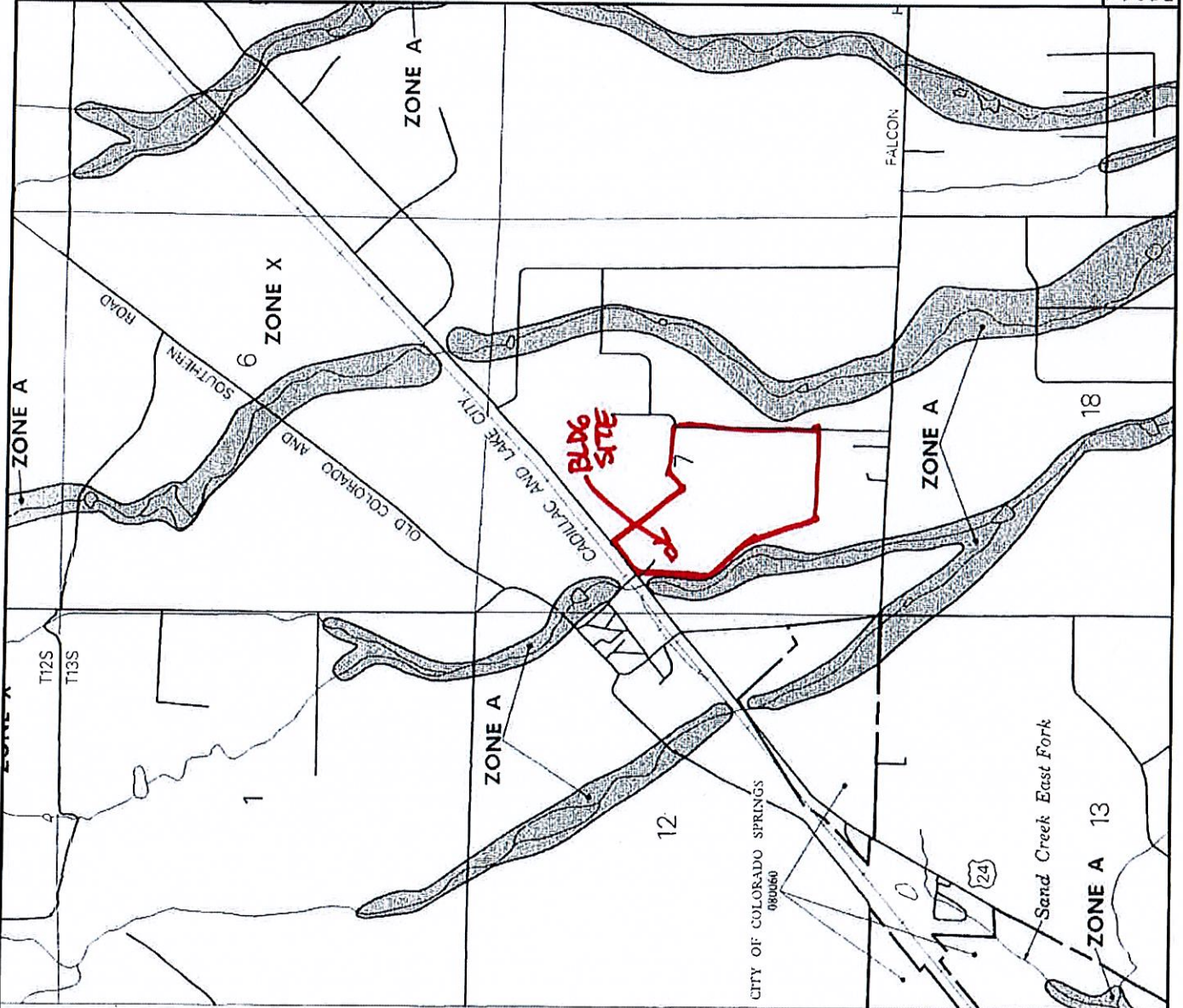
CONTAINS COMMUNITY	NUMBER	PANEL	DATE
STANFORD SPRINGS CITY OF	162200	1574	1
EL PASO COUNTY UNINCORPORATED AREAS	080055	5071	1

MAP NUMBER  
0804100575 F  
EFFECTIVE DATE:  
MARCH 17, 1997



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



JOINS PANEL 0545