

## **ENGINEER'S STATEMENT**

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.

ENGINEER OF RECORD SIGNATURE DA

## **OWNER'S STATEMENT**

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.

OWNER SIGNATURE DAT

## **EL PASO COUNTY**

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/ OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/ OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S DISCRETION.

COUNTY ENGINEER/ECM ADMINISTRATOR DATE

Please use signature blocks for GEC only.
unresolved.

# Contractor shall obtain a copy of the <u>Geotechnical Services Report</u>, prepared by Terracon Consultants, Inc. on March 27, 2017, for the project and be familiar with the existing conditions and recommendations contained in

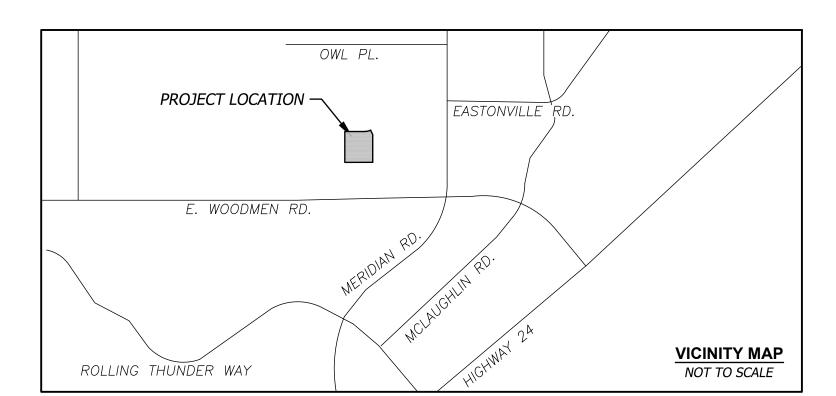
the report.2. As discussed in the Geotechnical Report, over excavation of existing unsuitable soils will be required under

Provide BMP Details for silt fence, VTC, permanent seeding, inlet protection, concrete washout etc.

3. Contractor shall obtain soils suitable as structural fill from off-site sources. All borrow materials must be tested and approved by the Geotechnical Engineer prior to importing the soils to the project site.

building and pavement areas. Contractor shall perform over excavation of unsuitable soils as a part of this work.

- 4. Contractor shall operate under the terms and permits included in the Stormwater Pollution Prevention Plan (SWPPP) prepared for this project and permitted through the State of Colorado. Contractor shall employ a qualified person to conduct regular inspections of the site erosion control measures and document such inspections in the SWPPP document maintained by the Contractor.
- 5. All topsoil, vegetation, root structures, and deleterious materials shall be stripped from the ground surface prior to the placement of embankments. Contractor shall obtain the on-site geotechnical representative's acceptance of the existing ground surface materials and the proposed fill material prior to the placement of fill.
- 6. All proposed contour lines and spot elevations shown are finish ground elevations. Contractor shall account for pavement depths, building pads, topsoil, etc when grading the site.
- 7. All disturbed areas that are not to be paved (green spaces) shall be finish graded with a minimum of six inches of topsoil
- 8. All excavation and embankments shall comply with the recommendations provided by the geotechnical engineer.
- 8. Prior to placing any concrete or asphalt pavement the contractor shall perform a proof roll of the pavement sub-grade with a fully loaded tandem axle dump truck. The proof roll shall be conducted in the presence of the on-site geotechnical representative. Areas that display rutting or pumping that are unsatisfactory to the geotechnical representative shall be re-worked and a follow-up proof roll shall be conducted prior to acceptance of the sub-grade for paving. The contractor may, at its own expense, stabilize the sub-grade using Class C fly ash or quicklime, as approved by the geotechnical engineer.
- 9. Finished grades shall not be steeper than 3:1.
- 10. All grading work shall be considered unclassified. No additional payments shall be made for rock excavation. Contractor shall satisfy himself as to any rock excavation required to accomplish the improvements shown hereon.
- 11. A 2.0% maximum cross slope shall be maintained on all pedestrian sidewalks and paths.
- 12. No batch plants will be utilized on-site for this project.



## **FLOOD STATEMENT**

A LOMR was approved by FEMA for the subject site on October 7, 2021. The LOMR is to become effective February 22, 2022. The LOMR removes all of the site from the floodplain, with the exception of the detention pond area.

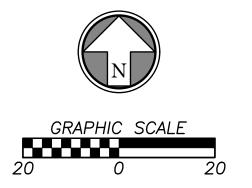
Map Number: 08041C0553G
Panel No: 553 of 1300
Map Revised Date: December 7, 2018
LOMR effective Date: February 22, 2022

**NOTE:** This statement is provided for informational purposes only and shall in no way constitute a basis for a flood certificate. No field work was performed to establish the boundaries of this zone. The information was derived by scaling the subject property on the above referenced map.

BENCHMARKS

(DATUM: NGVD 29)

ELEVATIONS ARE BASED ON COLORADO SPRINGS UTILITIES FACILITIES INFORMATION SYSTEM (FIMS) "BLT 167", A 2" ALUMINUM CAP IN CONCRETE LOCATED ON AN ELECTRIC TRANFORMER PAD AT TEH SOUTHEAST CORNER OF WOODMEN ROAD AND MERIDIAN ROAD, WITH AN ELEVATION OF 6873.18 (NGVD 29).







PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California

Telephone: 626.799.9898 Facsimile: 626.372.8288

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REV	ISIONS:	
2	CITY COMMENTS	10.13.
		*

ISSUE DATE:	

1ST	PERMIT/BID SET	07-15-2021

DDAMN DV:

PANDA PROJECT #: S8-22-D8137

ARCH PROJECT #: 20044.016

PANDA STORE #:





ph: 913.649.8181 • fx: 913.649.1275

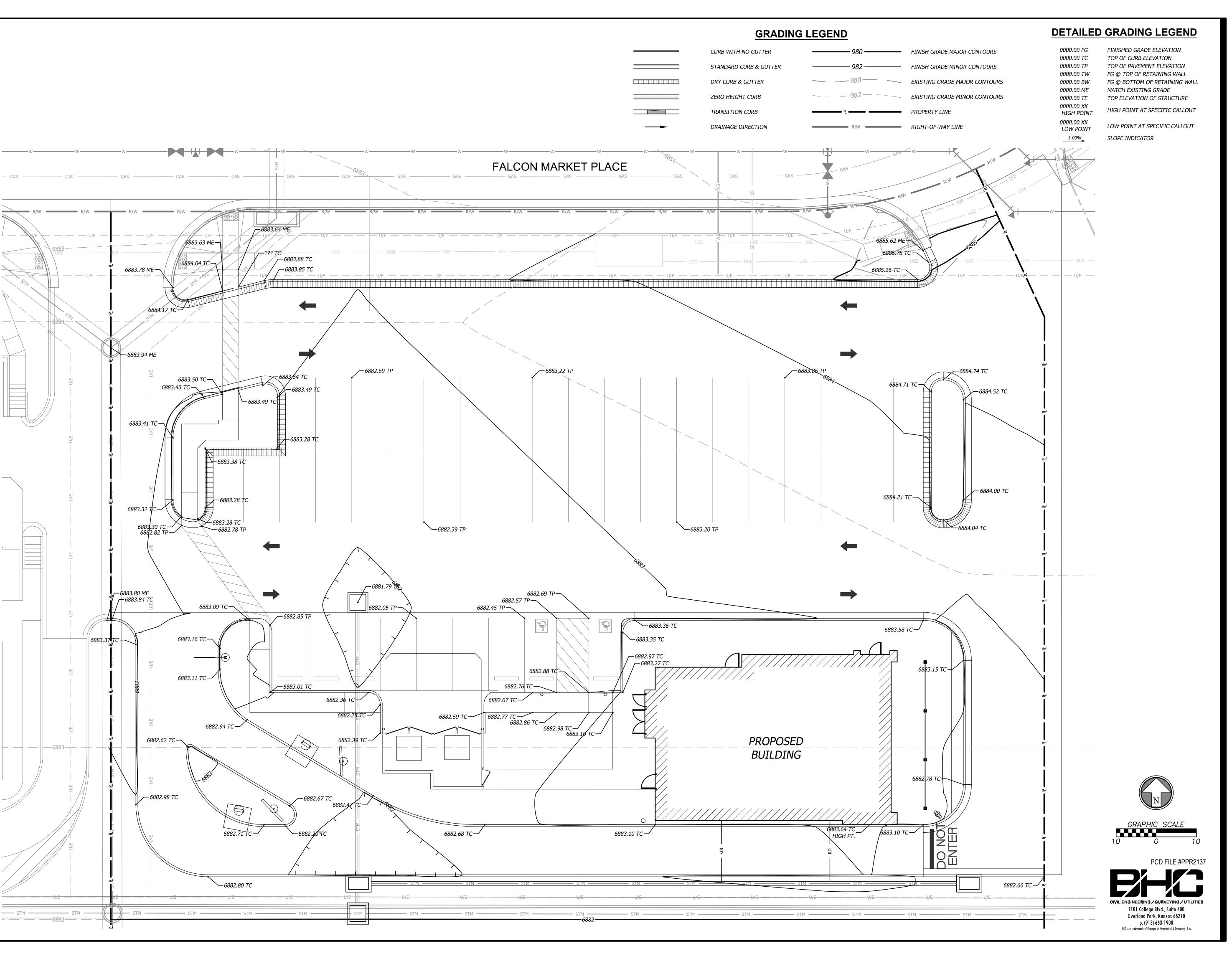
LENEXA, KS 66219

PANDA EXPRESS

TRUE WARM & WELCOME E WOODMEN RD & MERIDIAN RD, LOT 8 FALCON, CO 80831

GRADING PLAN

C3.0





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REV	ISIONS:	
2	CITY COMMENTS	10.13.21
-		

1ST PER

ISSUE DATE:

151	PERMIT/BID SET	07-15-2

DRAWN BY:

PANDA PROJECT #: S8-22-D8137
PANDA STORE #: -

ARCH PROJECT #: 20044.016



**hcklover**architect

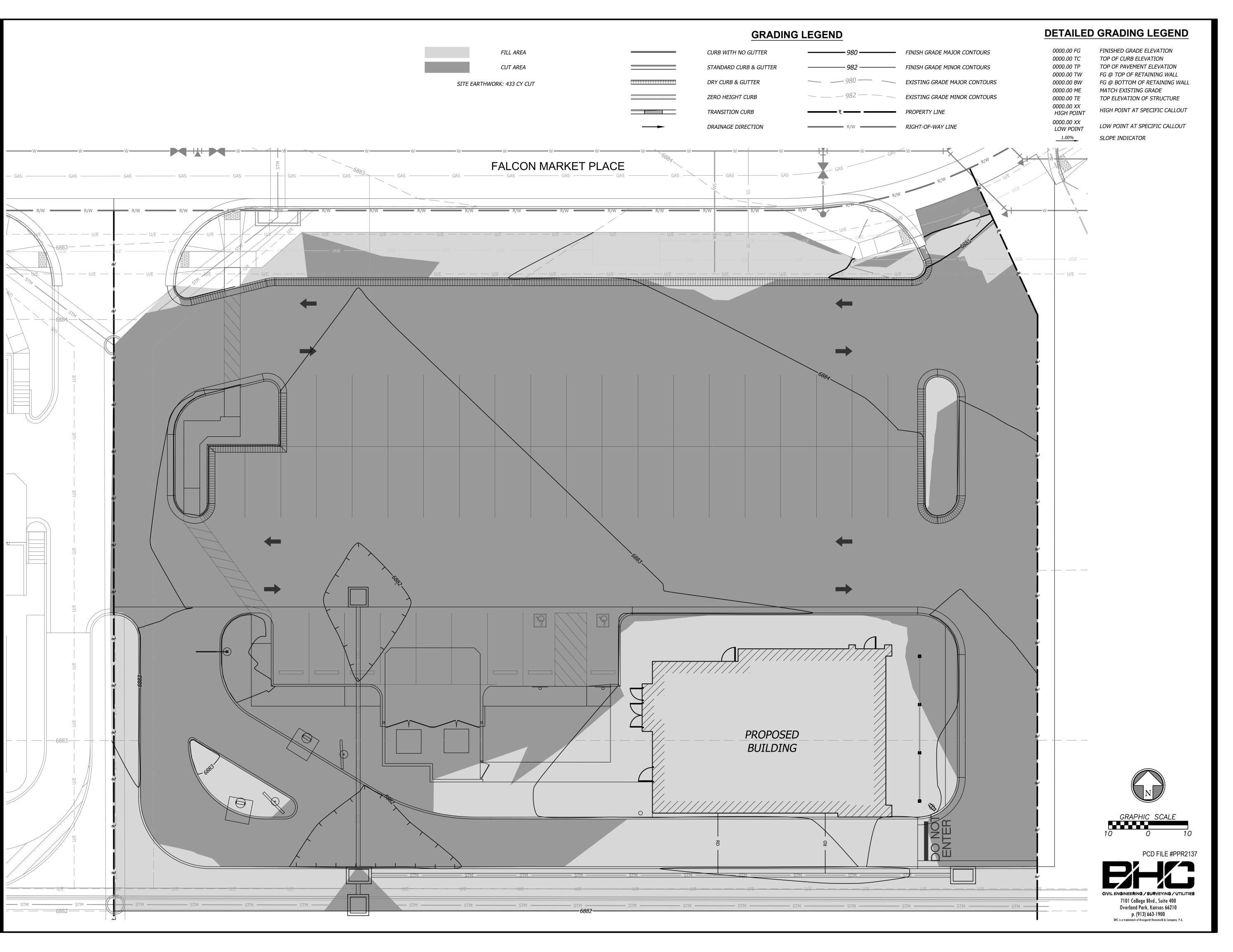
8813 PENROSE LANE, SUITE 400 LENEXA, KS 66219 ph: 913.649.8181 • fx: 913.649.1275

## PANDA EXPRESS

TRUE WARM & WELCOME E WOODMEN RD & MERIDIAN RD, LOT 8 FALCON, CO 80831

DETAILED GRADING PLAN∳

C3.1





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2	CITY COMMENTS	10.13.21		

ISSUE DATE:		
1ST	PFRMIT/	

IST	PERMIT/BID SET	07-15-2021

DRAWN BY:

PANDA PROJECT #: S8-22-D8137

PANDA STORE #:

ARCH PROJECT #: 20044.016





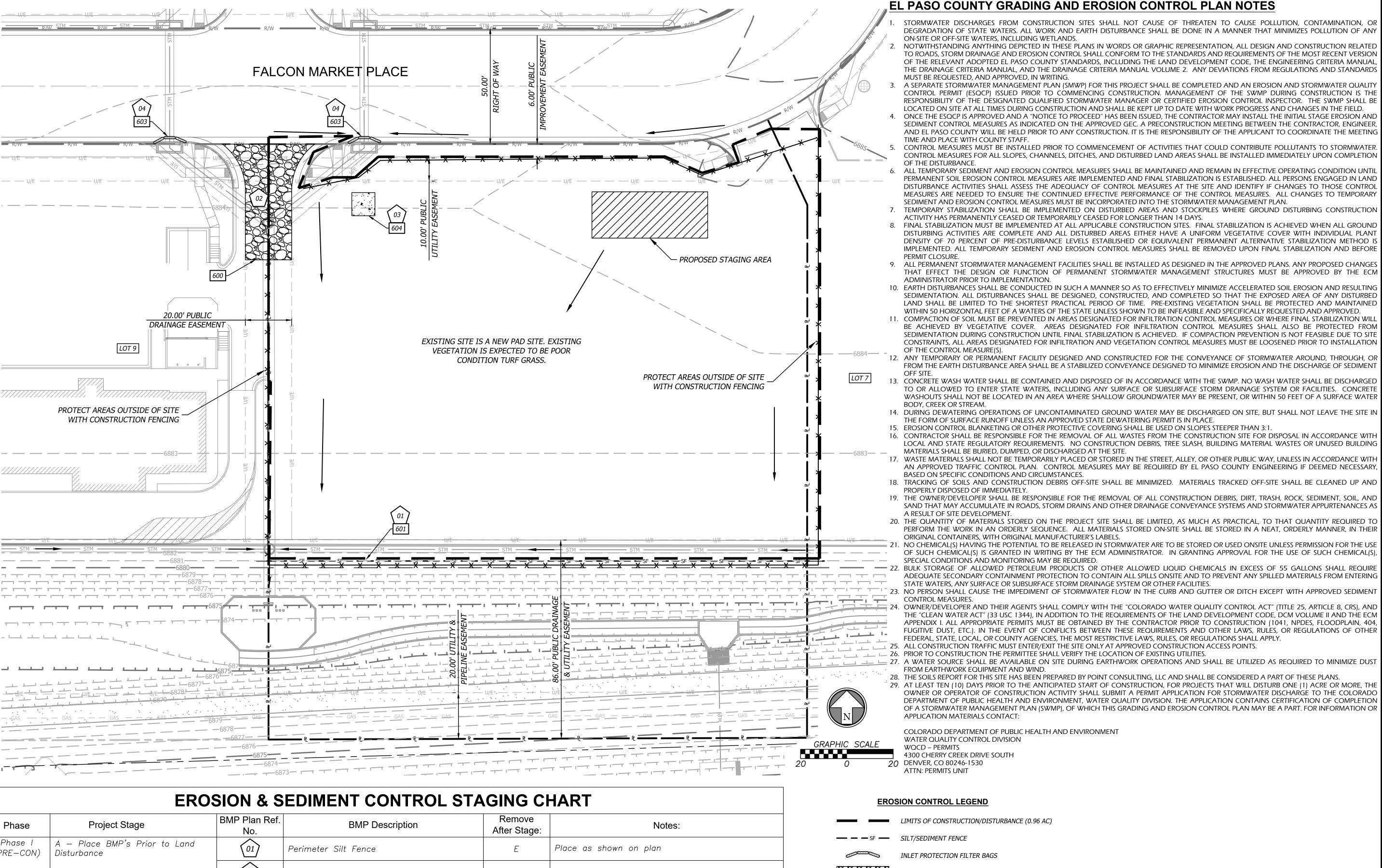
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## PANDA EXPRESS

TRUE WARM & WELCOME E WOODMEN RD & MERIDIAN RD, LOT 8 FALCON, CO 80831

PROPOSED CUT & FILL

C3.2



Phase	Project Stage	BMP Plan Ref. No.	BMP Description	Remove After Stage:	Notes:
Phase I (PRE-CON)	A — Place BMP's Prior to Land Disturbance	01)	Perimeter Silt Fence	Е	Place as shown on plan
		02)	Construction Entrance & Staging Area	D	Place as shown on plan
		03)	Concrete Wash—Out	D	Place as shown on plan
		04)	Existing Inlet Protection	E	Place as shown on plan
Phase II (MID-CON)	B — After Stripping, Grubbing, & Mass Grading	05)	Interior Silt Fence	Е	Place as shown on plan
	C — After Utility Storm Sewer Construction	06)	Storm Inlet Protection	D	Place as shown on plan
Phase III (POST-CON)	D — After Construction of Building and Parking Lot	07)	Steep Slope Protection	Е	Place as shown on plan
	E — Final Grading, Paving & Landscaping	08)	Final Seeding, Sod, and Landscaping	N/A	Silt fencing & inlet protect may be removed once seed & sodded areas are established on 80% of site.

CONSTRUCTION ENTRANCE

STAGING AREA

DRAINAGE DIRECTION

## **DETAILS**

SEE EROSION CONTROL DETAIL SHEET FOR THE FOLLOWING

TEMPORARY CONSTRUCTION ENTRANCE

FILTER FABRIC SILT FENCE STORM INLET PROTECTION

CONCRETE WASH-OUT

7101 College Blvd., Suite 400 Overland Park, Kansas 66210 p. (913) 663-1900

PCD FILE #PPR2137



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PANDA STORE #:

PANDA PROJECT #: S8-22-D8137

ARCH PROJECT #: 20044.016



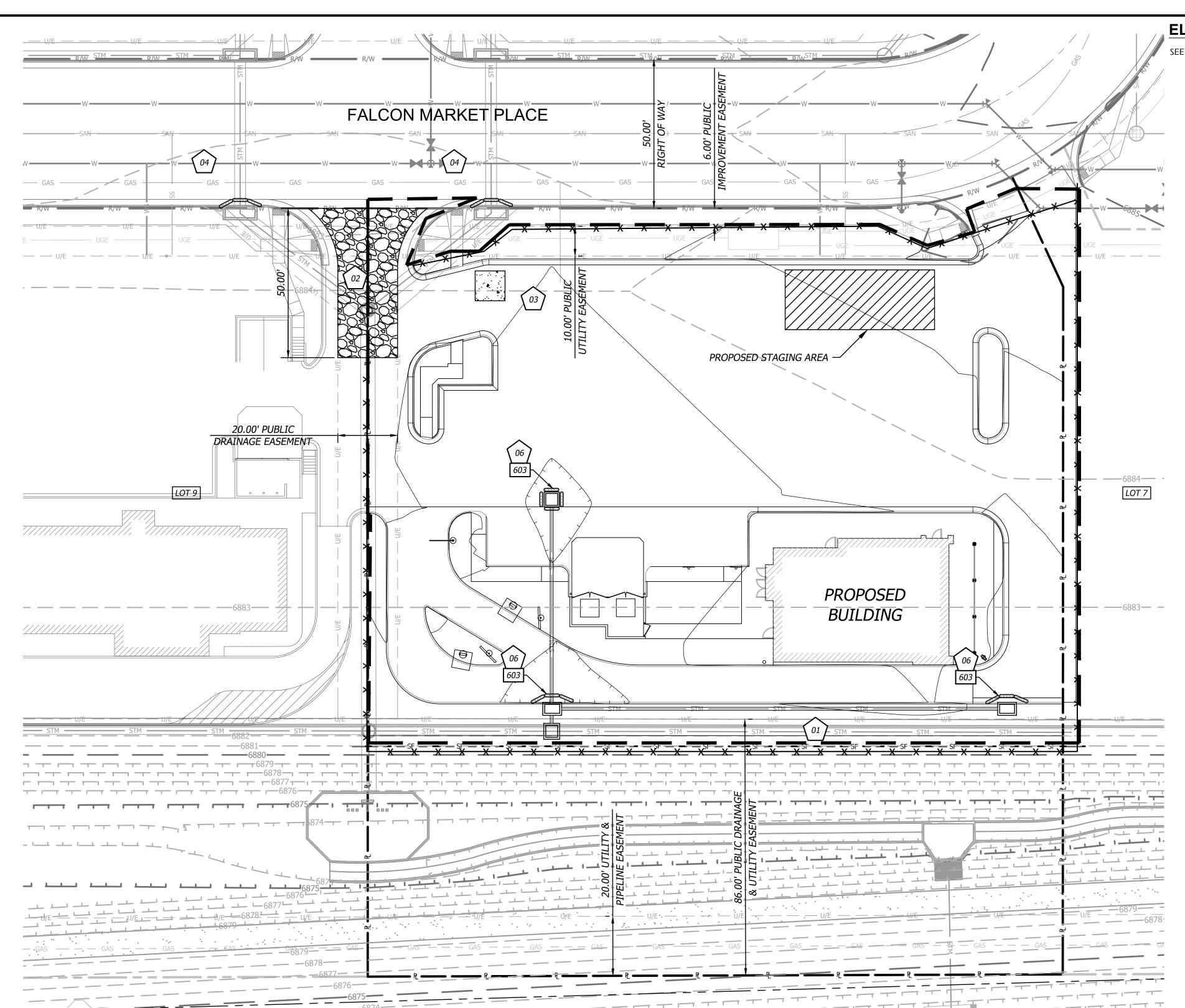
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PANDA EXPRESS

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PRE-CON EROSION CONTROL

**C3.3** 



### **EROSION & SEDIMENT CONTROL STAGING CHART** BMP Plan Ref. Remove Project Stage **BMP** Description Phase Notes: After Stage: A — Place BMP's Prior to Land 01 Perimeter Silt Fence Place as shown on plan (PRE-CON) Disturbance Construction Entrance & Staging Area Place as shown on plan 03 Concrete Wash-Out D Place as shown on plan 04 Existing Inlet Protection Place as shown on plan B - After Stripping, Grubbing, & 05 Interior Silt Fence Place as shown on plan (MID-CON) | Mass Grading C - After Utility Storm Sewer 06 Storm Inlet Protection Place as shown on plan Construction Phase III D — After Construction of Building 07 Steep Slope Protection Place as shown on plan (POST-CON) | and Parking Lot E – Final Grading, Paving & Silt fencing & inlet protect may be removed once seed & Final Seeding, Sod, and Landscaping sodded areas are established on 80% of site.

## EL PASO COUNTY GRADING AND EROSION CONTROL PLAN NOTES

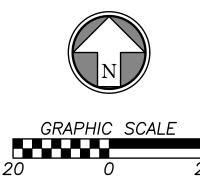
SEE C3.3 FOR EROSION CONTROL NOTES.

## FLOOD STATEMENT

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Map Number: 08041C0553G Panel No: 553 of 1300 Map Revised Date: December 7, 2018 LOMR effective Date: February 22, 2022

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## **EROSION CONTROL LEGEND**

INLET PROTECTION FILTER BAGS CONSTRUCTION ENTRANCE STAGING AREA CONCRETE CLEANOUT

XX CONSTRUCTION FENCING

## **DETAILS**

SEE DETAIL SHEET C6.2 FOR THE FOLLOWING

- TEMPORARY CONSTRUCTION ENTRANCE
- FILTER FABRIC SILT FENCE
- STORM INLET PROTECTION 604 CONCRETE WASH-OUT

PCD FILE #PPR2137 7101 College Blvd., Suite 400 Overland Park, Kansas 66210 p. (913) 663-1900



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### **REVISIONS:**

2	CITY COMMENTS	10.13.21

ISSUE DATE:	
1ST PERMIT/BID SET 07-15	-2021

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PANDA PROJECT #: S8-22-D8137 PANDA STORE #:

ARCH PROJECT #: 20044.016



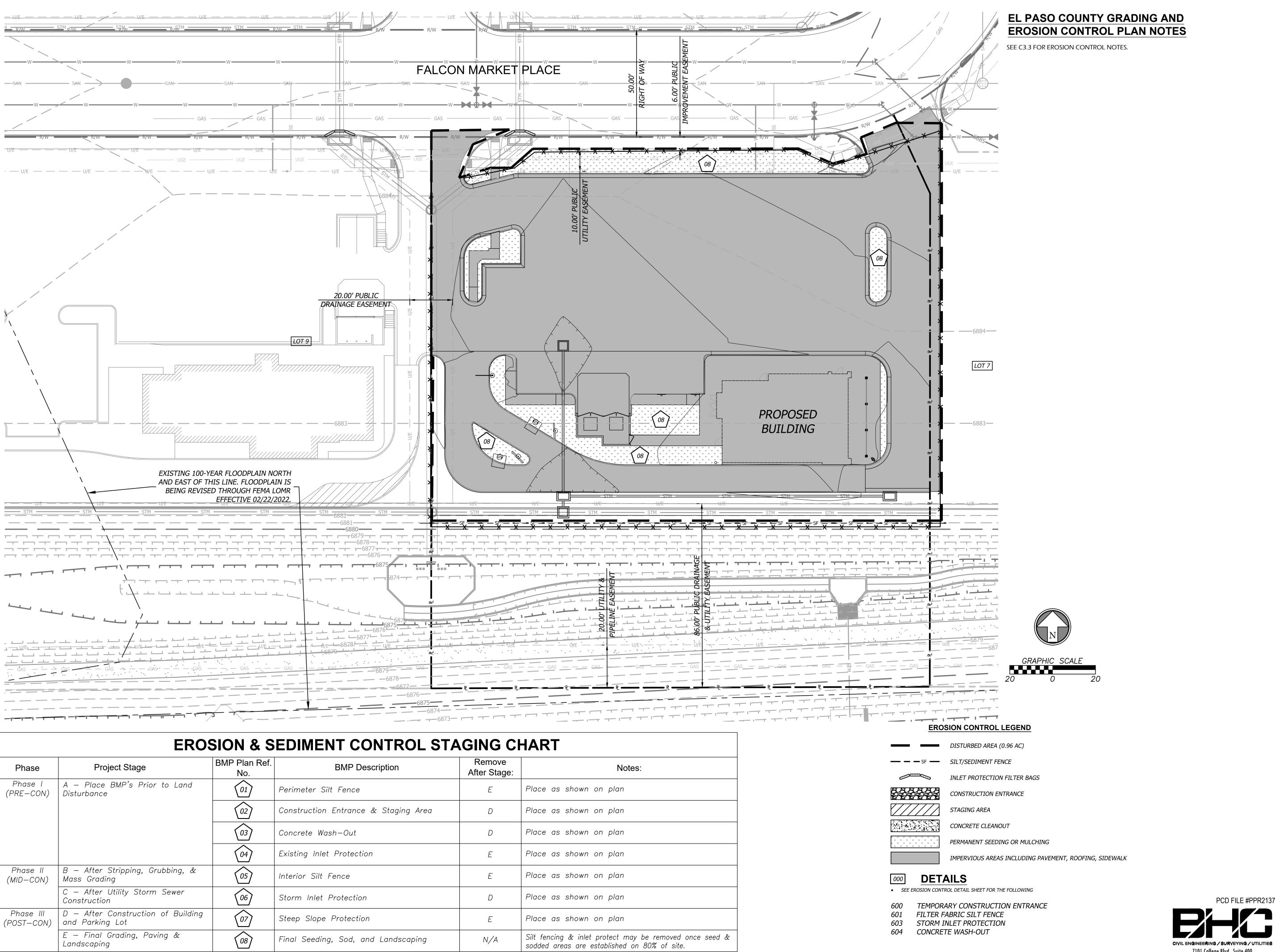


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MID-CON EROSION CONTROL





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2	CITY COMMENTS	10.13.21			

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ARCH PROJECT #: 20044.016





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## PANDA EXPRESS

TRUE WARM & WELCOME E WOODMEN RD & MERIDIAN RD, LOT 8 **FALCON, CO 80831** 

POST-CON EROSION CONTROL

C3.5

TRUE WARM & WELCOME 2300 R5

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