



3275 Akers Drive
 Colorado Springs, CO 80922
 Phone 719-520-6460
 Fax 719-520-6879
 www.elpasoco.com

Y - Satisfies criteria
N - Needs to be addressed

EL PASO COUNTY STORMWATER MANAGEMENT PLAN CHECKLIST

PPR-21-023

EPC Project Number: TBD

Revised: July 2019

		Applicant	EPC
1. STORMWATER MANAGEMENT PLAN			
1	Applicant (owner/designated operator), SWMP Preparer, Qualified Stormwater Manager, and Contractor Information. (On cover/title sheet)	x	Y
2	Table of Contents	x	Y
3	Site description and location to include: vicinity map with nearest street/crossroads description	x	Y
4	Narrative description of construction activities proposed (e.g., may include clearing and grubbing, temporary stabilization, road grading, utility / storm installation, final grading, final stabilization, and removal of temporary control measures)	x	Y
5	Phasing plan – may require separate drawings indicating initial, interim, and final site phases for larger projects. Provide “living maps” that can be revised in the field as conditions dictate	x	Y
6	Proposed sequence for major activities: Provide a construction schedule of anticipated starting and completion dates for each stage of land-disturbing activity depicting conservation measures anticipated, including the expected date on which the final stabilization will be completed	x	Y
7	Estimates of the total site area and area to undergo disturbance; current area of disturbance must be updated on the SWMP as changes occur	x	Y
8	Soil erosion potential and impacts on discharge that includes a summary of the data used to determine soil erosion potential	x	N
9	A description of existing vegetation at the site and percent ground cover and method used to determine ground cover	x	Y
10	Location and description of all potential pollution sources including but not limited to: disturbed and stored soils; vehicle tracking; management of contaminated soils; loading and unloading operations; outdoor storage of materials; vehicle and equipment maintenance and fueling; significant dust generating process; routine maintenance activities involving fertilizers, pesticides, herbicides, detergents, fuels, solvents, oils, etc.; on-site waste management; concrete truck/equipment washing; dedicated asphalt, concrete batch plants and masonry mixing stations; non-industrial waste such as trash and portable toilets	x	N
11	Material handling to include spill prevention and response plan and procedures	x	Y
12	Spill prevention and pollution controls for dedicated batch plants	x	N
13	Other SW pollutant control measures to include waste disposal and off-site soil tracking	x	N
14	Location and description of any anticipated allowable non-stormwater discharge (ground water, springs, irrigation, discharge covered by CDPHE Low Risk Guidance, etc.)	x	Y
15	Name(s) of ultimate receiving waters; size, type and location of stormwater outfall or storm sewer system discharge	x	N
16	Description of all stream crossings located within the project area or statement that no streams cross the project area	x	Y



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		Applicant	EPC
17	SWMP Map to include:		
17a	construction site boundaries	x	Y
17b	flow arrows to depict stormwater flow directions	x	Y
17c	all areas of disturbance	x	Y
17d	areas of cut and fill	x	Y
17e	areas used for storage of building materials, soils (stockpiles) or wastes	x	Y
17f	location of any dedicated asphalt / concrete batch plants	x	Y
17g	location of all structural control measures	x	Y
17h	location of all non-structural control measures	x	Y
17i	springs, streams, wetlands and other surface waters, including areas that require maintenance of pre-existing vegetation within 50 feet of a receiving water	NA	Y
18	Narrative description of all structural control measures to be used. Modifications to EPC standard control measures must meet or exceed County-approved details	x	Y
19	Description of all non-structural control measures to be used including seeding, mulching, protection of existing vegetation, site watering, sod placement, etc.	x	Y
20	Technical drawing details for all control measure installation and maintenance; custom or other jurisdiction's details used must meet or exceed EPC standards	x	Y
21	Procedure describing how the SWMP is to be revised	x	N
22	Description of Final Stabilization and Long-term Stormwater Quality (describe nonstructural and structural measures to control SW pollutants after construction operations have been completed, including detention, water quality control measure etc.)	x	N
23	Specification that final vegetative cover density is to be 70% of pre-disturbed levels	x	N
24	Outline of permit holder inspection procedures to install, maintain, and effectively operate control measures to manage erosion and sediment	x	Y
25	Record keeping procedures identified to include signature on inspection logs and location of SWMP records on-site	x	Y
26	If this project relies on control measures owned or operated by another entity, a documented agreement must be included in the SWMP that identifies location, installation and design specifications, and maintenance requirements and responsibility of the control measure(s)		N
Please note: all items above must be addressed. If not applicable, explain why, simply identifying "not applicable" will not satisfy CDPHE requirement of explanation.			
2. ADDITIONAL REPORTS/PERMITS/DOCUMENTS			
a	Grading and Erosion Control Plan (signed)	x	Y
b	Erosion and Stormwater Quality Control Permit (ESQCP) (signed)	TBD	Y

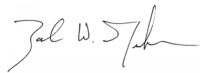
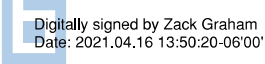


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EPC Project Number: TBD

Revised: July 2019

		Applicant	EPC
3. APPLICANT COMMENTS			
a	No wetlands streams or other surface waters are in the vicinity of this project.	x	Y
b	The ESQCP permit will be submitted once a contractor is selected.	x	Y
c			
4. CHECKLIST REVIEW CERTIFICATIONS			
a	Engineer of Record: The Stormwater Management Plan was prepared under my direction and supervision and is correct to the best of my knowledge and belief. Said Plan has been prepared according to the criteria established by the County and State for Stormwater Management Plans.   <div style="display: inline-block; margin-left: 100px;">04/16/21</div> <hr style="width: 100%;"/> Engineer of Record Signature Date	x	Y
b	Review Engineer: The Stormwater Management Plan was reviewed and found to meet the checklist requirements except where otherwise noted or allowed by an approved deviation request. <hr style="width: 100%;"/> Review Engineer Date		

Please do not attach the SWMP to the SWMP Checklist since they are uploaded as separate items to EDARP.

Storm Water Management Plan

Les Schwab Tire Center



**7105 Old Meridian RD.
Falcon Colorado**

Prepared For:

Les Schwab Tire Center

P.O. Box 5350 20900 Cooley RD.
Bend, OR 97701

Prepared By:

Cushing Terrell

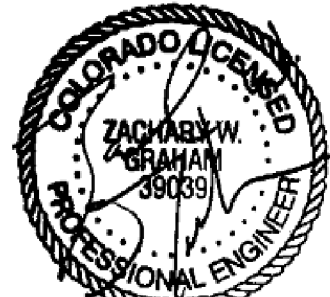
Cushing Terrell

Zack Graham, PE
411 E Main ST #101
Bozeman, MT 59715
(406) 922-7137

www.cushingterrell.com

Cushing Terrell Project No. LSCO_20FAL

April, 16, 2021



Date: 2021.04.19 14:55:26-06'00'

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1.0 CONTACT INFORMATION

1.1 Owner:

George Bunting
SFP-E, LLC
P.O. Box 5350 20900 Cooley RD.
Bend, OR 97701
(541) 416-5241

1.2 SWMP Preparer:

Zack Graham, PE
Cushing Terrell
411 E Main ST #101
Bozeman, MT 59715
(406) 922-7137

1.3 Qualified Stormwater Manager:

TBD

1.4 Contractor:

TBD

2.0 SITE DESCRIPTION

The project site is located at 7105 Old Meridian Rd, Falcon, Colorado and falls within El Paso County. The parcel is part of the larger Meridian Crossing Development which includes the existing stormwater system infrastructure, including the treatment pond to the south. The site is located on the northeast side of the intersection of Meridian Rd and Old Meridian Rd. A vicinity map for this project can be found in appendix A.

The existing site consists of an undeveloped 2.48 acre lot covered with native grasses and shrubs. In areas taken from the ALTA Survey the site consists of roughly 12% impervious road and sidewalk area with the remaining 88% being the native vegetation. There are no stream crossings or significant waterways located within the area being developed by this project. The site is accessed via the existing private roads that are centered on the north east and south east property lines of the site. These roads will provide means of vehicular ingress and egress.

The topography of the existing site consists of a roughly consistent grade which directs flow from the north of the site towards the south at slopes ranging from 2-5%. There is an existing storm line that runs west to east along the southern edge of the site before crossing Old Meriden Rd. that ultimately connects to the adjacent detention pond. The site is not located in a floodway or flood plain and is designated as area of minimal flood hazard (Zone X).

3.0 NARRATIVE DESCRIPTION OF CONSTRUCTION ACTIVITIES

The proposed project will include the construction of a new Les Schwab Tire Center (LSTC) tire and automotive service center building, walled tire storage area, landscaping, parking lot, and drive aisles. The building will be located on the center of the site with the tire storage area to its north east and the parking lot to its west.

Drainage flows will be directed to proposed storm inlets and then directed into the underground storm system, ultimately out-falling to the adjacent Meridian Crossing detention pond. Some landscaped areas will maintain historic flow paths to the south. Offsite flows will be maintained at or below historic levels. For more detail regarding the existing storm infrastructure, please reference the "Meridian Crossing Final Drainage Report" which is recorded with El Paso County record number 280417. For more information regarding the proposed storm water improvements, reference the "Storm Water Report for Les Schwab Tire Center".

There are no anticipated offsite flows or non-stormwater discharges for this site.

3.1 Soil Erosion Potential

Using the Web Soil Survey tool provide by USDA the site was found to contain soils with an A hydrologic soil group which is associated with a high infiltration rate and low runoff potential. Based on this rating the determination was made that standard construction, BMPs will be sufficient for runoff control during construction. These BMPs are listed in section 4 of this report.

3.2 Disturbed Area

The proposed disturbance area by this project is 2.29 acres. This value is to be updated by the Qualified Stormwater Manager during to construction to account for any unexpected disturbed areas.

3.3 Project Phasing

The project phasing for this site will take place in three major phases:

- Initial Development: Installing the erosion control BMPs and mobilizing on site.
- Interim Development: once initial BMPs are in place building construction and site paving may begin.
- Final Development: Only once all finalized stormwater measures are in place can the erosion control BMPs be removed from the site.

3.4 Project Sequence

This section includes an estimated schedule for the work on this project. This schedule is approximate and should be updated by the Qualified Stormwater Manager during construction of the project to reflect the evolving nature of the project.

- Clearing (August - September 2021)
- Mass Grading (September - October 2021)

- Utility Installation (October - November 2021)
- Paving Construction (November - December 2021)
- Final Stabilization (December - January 2021)

4.0 PROPOSED BMPS

The following BMPs are shown in plan view and as details in appendix B. The following summary of BMPs is to be updated by the Qualified Stormwater Manager during construction to provide a complete list of the measures used.

4.1 Concrete Washout Area

The concrete washout area serves as a designated space to wash vehicles, tools, or other equipment that has accumulated concrete debris. This stabilized area prevents the concrete from leaving the site and allows for it to be collected in one area for easier collection and disposal. The washout area consists of a depressed area surrounding by a berm on 3 sides and vehicle tracking pad on the other to allow access.

4.2 Inlet Protection

Inlet protection prevents the excess sedimentation generated by construction from entering the stormwater system. The protection measures consist of creating a barrier of rock socks surrounding the inlet to filter out the sediment generated in a storm event.

4.3 Rock Sock

A rock sock is a tube of wire mesh containing 1 ½" gravel. The purpose of this BMP is to allow stormwater to flow through the rock sock causing it to lose velocity, as well as filter out trash and sediment. Typically, these are used to protect storm inlets or in curbs adjacent to the construction.

4.4 Silt Fence

Silt fence is a perimeter control measure that should be placed to surround the disturbed area. The fence intercepts flows leaving the site and allows water to slowly pass through while filtering out sedimentation. The fence is constructed of a geotextile fabric attached to stakes. When installed a minimum of 10 inches of the geotextile "tail" should be buried to prevent stormwater from running under the fence.

4.5 Stabilized Staging Area

This area consists of a 3" pad of thick granular material surrounded by silt fence and should be located adjacent to the construction entrance. The purpose of this area is to serve as the construction staging area where high equipment traffic and parking can be expected.

4.6 Stockpile Area

This area is surrounded by silt fence and serves as a location where topsoil, fill, and other construction materials can be stored on site. The material stockpile should not exceed a 2:1 slope to maintain stability.

4.7 Temporary and Permanent Seeding

When a disturbed area will be not be impacted by construction for an extended period, temporary seeding can be used as a measure to prevent additional erosion. For permanent seeding, reference the Landscape drawings and specifications.

4.8 Vehicle Tracking Control

A vehicle tracking control pad should be installed where vehicles are entering or leaving the site. This pad removes the sediment that has accumulated on the vehicles tires while on site. The pad consists of a 50-foot by 20-foot minimum pad of #3 aggregate or 6" minus rock sitting atop a non-woven geo-textile. As the pad is worn by vehicle traffic it should be regraded and have rock added as needed to maintain the 9" thickness.

4.9 Material Handling and Spill Prevention

Material handling and spill prevention consists of a series of measures that should be implemented to ensure the proper handling of materials on site. In general material handling and spill prevention measures fall in the following three categories:

1. Training Prevention methods
 - a. Train employees on potential sources of pollution and provide clear and common-sense prevention practices.
 - b. Identify equipment that may be impacted by stormwater leading to leaks or unintended discharge.
 - c. Perform regular maintenance and inspection of equipment with an eye on leaks or evidence of discharge.
 - d. Designate a fueling area away from storm inlets and clean up all spills with dry methods.
 - e. Where possible, use indoor or covered storage for equipment.
2. Material Handling Procedures
 - a. Keep bulk solid materials (sand, gravel, etc.) covered to prevent erosion.
 - b. Where possible, store materials on impervious surfaces.
 - c. Store hazardous materials according to all federal state and local requirements.
 - d. Use less toxic materials when possible.
 - e. Store fragile or easily punctured materials away from high vehicle traffic areas.
 - f. Use waste capture materials, such as collection pans for lubricating fluids.
3. Spill Response Procedures
 - a. Containment and cleanup should begin promptly after a spill.
 - b. Sweep up small quantities of dry chemical or solids to reduce exposure to runoff.
 - c. Absorbents should be readily accessible in fueling areas or other high-risk areas.

- d. Install drip pans beneath minor equipment leaks and properly dispose of material until repair can be made.

5.0 SWMP REVISION PROCEDURE

Following the assignment of a Qualified Stormwater Manager for this project the SWMP document will be transferred to them. It is the responsibility of the designated Qualified Stormwater Manager or Certified Erosion Control Inspector to maintain and update this document. The SWMP shall always be located on site during construction and shall be kept up to date with work progress and changes in the field. Inspection logs should also be maintained and attached to this document as part of the record keeping procedure.

6.0 OPERATIONS AND MAINTENANCE GUIDELINE

The Qualified Stormwater Manager for this project is responsible for the inspection of stormwater BMPs and their maintenance as required. It is the responsibility of the Qualified Stormwater Manager to create, complete, and sign inspection logs of the stormwater BMPs and maintain the records onsite. The stormwater BMP's should be inspected at a minimum every 7 days and following each storm event. In general, the following items should be inspected and corrected as needed:

- Check stormwater inlets and manholes for trash and debris.
- Inspect construction BMP placement and condition, and repair any damage caused by construction activities.
- Inspect inlet protection and placement.
- Replace rock socks or inlet protection if they become heavily soiled.
- Inspect silt fence and reinstall where fence may have collapsed or is showing signs of wear, such as sagging or tears in the fence material.
- Reapply rock to vehicle tracking pad where wear is apparent.

APPENDIX A: VICINITY MAP

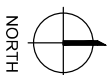
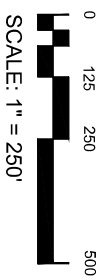


**Cushing
Terrell**

DENVER, CO
720.305.1416

7105 OLD MERIDIAN RD.
FALCON, CO
VICINITY MAP

© 2021 | ALL RIGHTS RESERVED
01/04/21
LSCO_20FAL
DRAWN BY
WALKER
CHECKED BY
WHITE



SHEET NAME
VIC-MAP

APPENDIX B: GESC PLANS

LES SCHWAB TIRE CENTER GRADING AND EROSION CONTROL PLAN

7105 OLD MERIDIAN ROAD
FALCON, COLORADO 80831

DEVELOPER/OWNER CONTACT

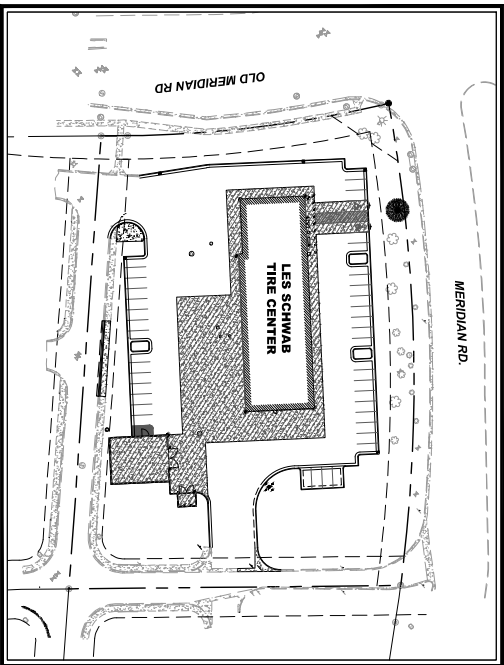
OWNER: LES SCHWAB TIRE CENTER
 2000 COCKEY RD.
 BEND, CO 80725
 (719) 252-5200

DESIGNER: LES SCHWAB TIRE CENTER
 111 S. CASCADE AVE.
 FALCON, CO 80831
 (903) 385-9881

JURISDICTIONAL CONTACTS

PLANNING DEPARTMENT
 JUAN GUTIERREZ
 1719 SPODZAK
 COLORADO SPRINGS, CO 80910
 (719) 526-2500

PLANNING DEPARTMENT
 JUAN GUTIERREZ
 111 S. CASCADE AVE.
 FALCON, CO 80831
 (903) 385-9881



SITE MAP
1" = 50'
NORTH

LEGAL DESCRIPTION

THE FOLLOWING LEGAL DESCRIPTION WAS TAKEN FROM FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NO. NCS-87519-4-X17-0R1 WITH A COMMITMENT DATE OF OCTOBER 24, 2019 AT 5:00 P.M.)

PARCEL A:

LOT 1, MERIDIAN CROSSING PLING NO. 14, ACCORDING TO THE PLAT RECORDED OCTOBER 3, 2018 AT RECEPTION NO. 218714221, COUNTY OF EL PASO, STATE OF COLORADO.

PARCEL B:

NON-EXCLUSIVE EASEMENTS FOR CROSS ACCESS, INGRESS AND EGRESS AS SET FORTH AND GRANTED IN THE MERIDIAN CROSSING MAIN EASEMENT AGREEMENT AND DECLARATION OF COVENANTS CONDITIONS AND RESTRICTIONS (CDD) RECEPTION NO. 206959254 AND FIRST AMENDMENT THERE TO RECORDED APRIL 8, 2009 AT RECEPTION NO. 206959254.

FOR INFORMATIONAL PURPOSES ONLY, APR. 5312114001

SHEET LIST

- 0101 COVER SHEET
- 0102 GRADING AND EROSION CONTROL PLAN
- 0103 INTERIMINAL GEC PLAN
- 0104 GEC DETAILS
- 0105 GEC DETAILS
- 0106 GEC DETAILS
- 0107 TYPICAL GEC DWG

ENGINEERS STATEMENT

THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. SAID PLAN HAS BEEN PREPARED ACCORDING TO THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL ACTS. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

ENGINEER OF RECORD SIGNATURE _____ DATE _____

OWNERS STATEMENT

OWNERS STATEMENT FOR STANDALONE GEC PLAN: I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

OWNER SIGNATURE _____ DATE _____

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 CONFORMED AT THE JOB SITE. THE COUNTY ENGINEER DOES NOT ASSUME 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 EGM 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 PROJECT ENGINEER SIGNATURE _____ DATE _____

CONSULTANT TEAM

- | | | | | |
|---|---|--|--|---|
| REGISTERED PROFESSIONAL ENGINEER
CORY WILSON
807W MAIN ST, STE 800
(289) 388-0800 | CIVIL ENGINEER
ZACK GHAMAWI PE
411 E MAIN STREET SUITE 101
(486) 622-7137 | ELECTRICAL ENGINEER
MATT REICHLINGER PE
308 W WALNUT ST STE 104
(486) 725-9522 | LANDSCAPE ARCHITECT
ANGELA HANSEN
807W MAIN ST, STE 800
(289) 388-0800 | GEO-TECHNICAL ENGINEER
GLEN D. OLSEN PE
107 WEST TENTH AVE SUITE 300
CO 80904
(289) 325-9500 |
|---|---|--|--|---|

VICINITY MAP



N



NOT FOR CONSTRUCTION - PRELIMINARY DESIGN

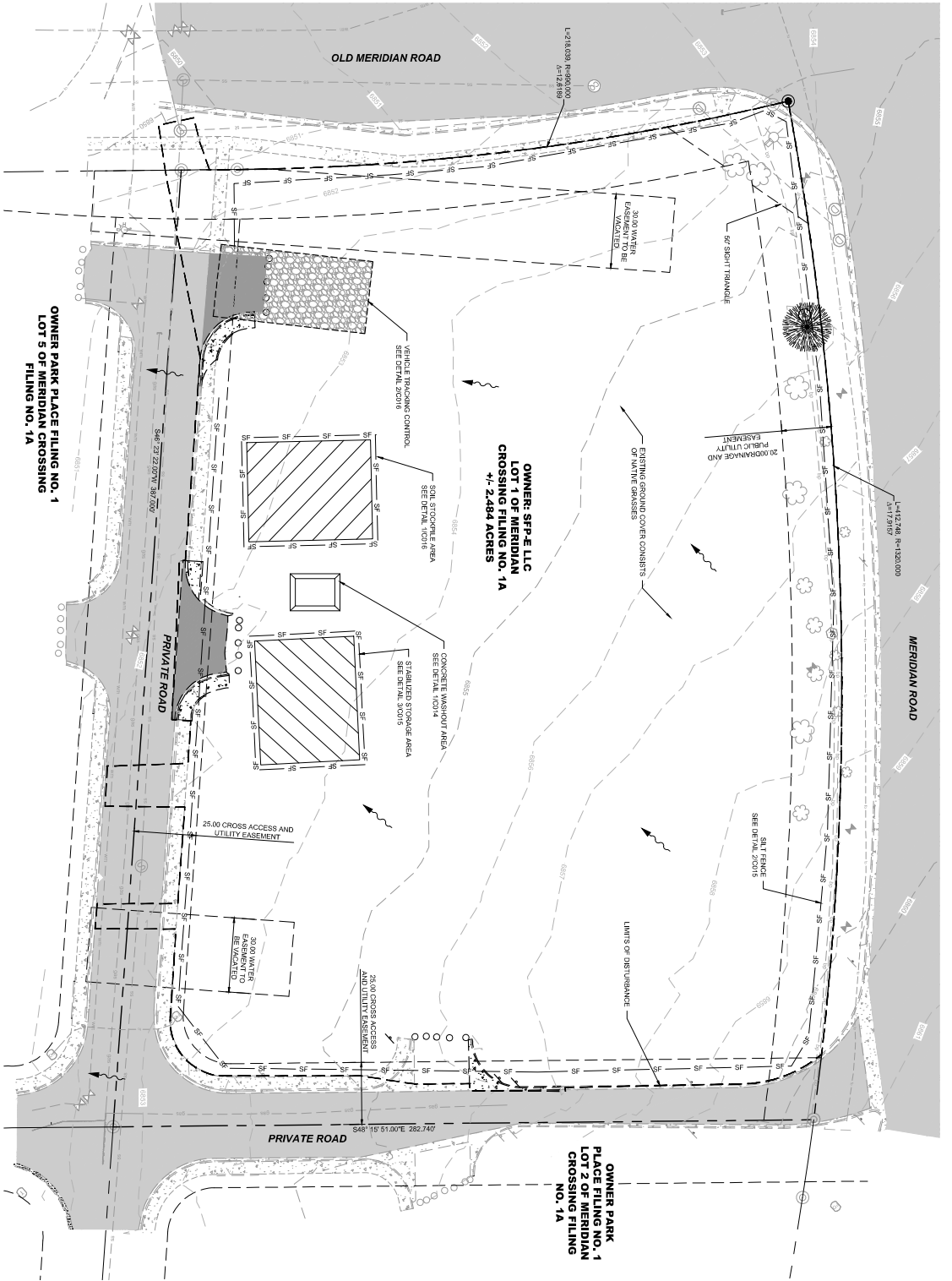
GRADING AND EROSION CONTROL COVER SHEET
C010



© 2021 L. LES SCHWAB TIRE CENTER
 SITE DEVELOPMENT PLANS
 04.18.2021
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

7105 OLD MERIDIAN RD.
FALCON, CO
LES SCHWAB TIRE CENTER





OWNER: SFP-E LLC
 LOT 1 OF MERIDIAN
 CROSSING FILING NO. 1A
 +/- 2.484 ACRES

OWNER: SFP-E LLC
 LOT 2 OF MERIDIAN
 CROSSING FILING
 NO. 1A

OWNER PARK PLACE FILING NO. 1
 LOT 5 OF MERIDIAN CROSSING
 FILING NO. 1A

INITIAL GESC PLAN



- EROSION CONTROL PLAN LEGEND**
- FLOW ARROW
 - - - LIMITS OF DISTURBANCE
 - - - SILT FENCE
 - - - CONSTRUCTION ENTRANCE
 - - - ROCK SOCK
 - - - INLET PROTECTION
 - - - SOIL STORAGE
 - - - CONCRETE WASHOUT

GESC NOTES
 1. THE PROJECT SITE FALLS OUTSIDE FEMA DETERMINED FLOOD HAZARD ZONE X AREA OR MINIMAL

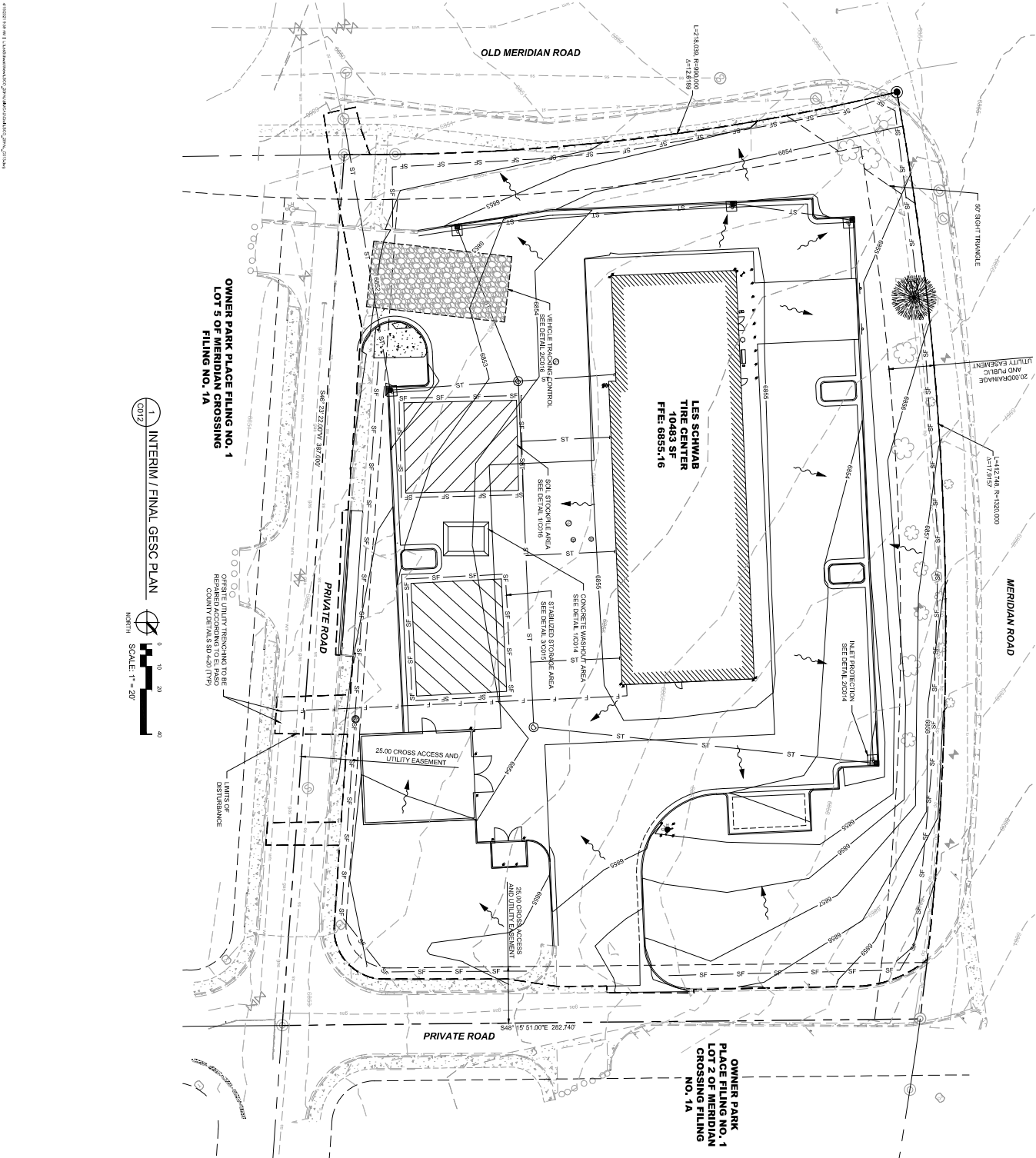


7105 OLD MERIDIAN RD.
 FALCON, CO
LES SCHWAB TIRE CENTER

DATE: 11/11/2021
 SITE DEVELOPMENT PLANS
 CHECKED BY: [Signature]

NOT FOR CONSTRUCTION - PRELIMINARY DESIGN

INITIAL GESC PLAN
C012



**OWNER PARK PLACE FILING NO. 1
LOT 5 OF MERIDIAN CROSSING
FILING NO. 1A**

**OWNER PARK PLACE FILING NO. 1
LOT 2 OF MERIDIAN CROSSING FILING NO. 1A**

1/1 INTERIM / FINAL GESC PLAN
SCALE: 1" = 20'

EROSION CONTROL PLAN LEGEND

	FLOW ARROW
	LIMITS OF DISTURBANCE
	SILT FENCE
	CONSTRUCTION ENTRANCE
	ROCK SOCK
	NET PROTECTION
	SOIL STORAGE
	CONCRETE WASHOUT

GESC NOTES
1. THE PROJECT SITE FALLS OUTSIDE FEMA DETERMINED FLOOD HAZARD

NOT FOR CONSTRUCTION - PRELIMINARY DESIGN

INTERIM / FINAL
GESC PLAN
C013



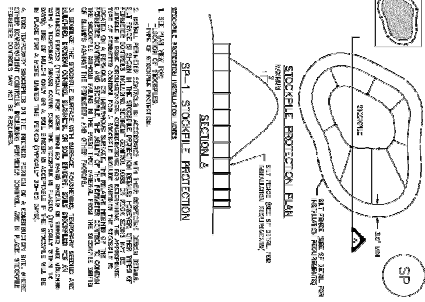
7105 OLD MERIDIAN RD.
FALCON, CO
LES SCHWAB TIRE CENTER



DATE: 11/11/2024
DRAWN BY: J. SWANSON
CHECKED BY: J. SWANSON
SITE DEVELOPMENT PLANS

Stockpile Management (SP)

MM-2

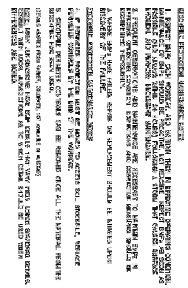


November 2010
Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

MS-3

Stockpile Management (SM)

MM-2

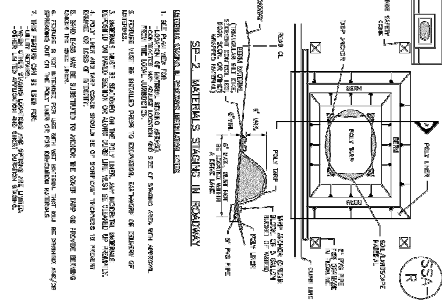


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

November 2010

Stockpile Management (SP)

MM-2

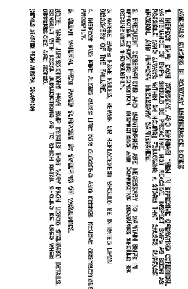


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

MS-4

Stockpile Management (SM)

MM-2



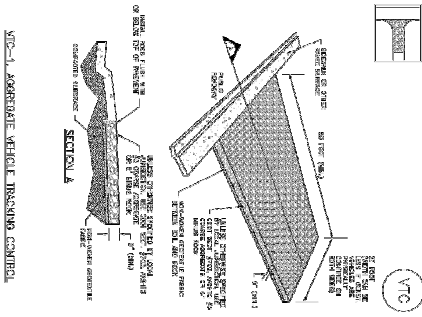
Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

November 2010

1 STOCKPILE AREA

Vehicle Tracking Control (VTC)

SM-4

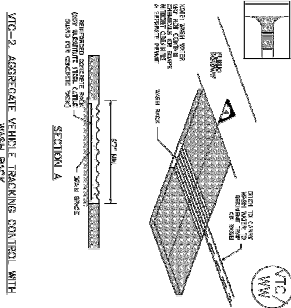


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

VTC-3

Vehicle Tracking Control (VTC)

SM-4

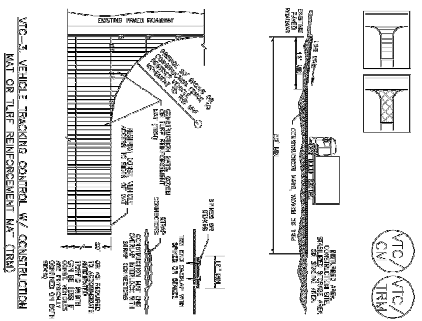


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

November 2010

Vehicle Tracking Control (VTC)

SM-4

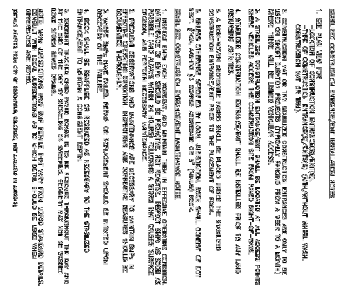


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

VTC-3

Vehicle Tracking Control (VTC)

SM-4

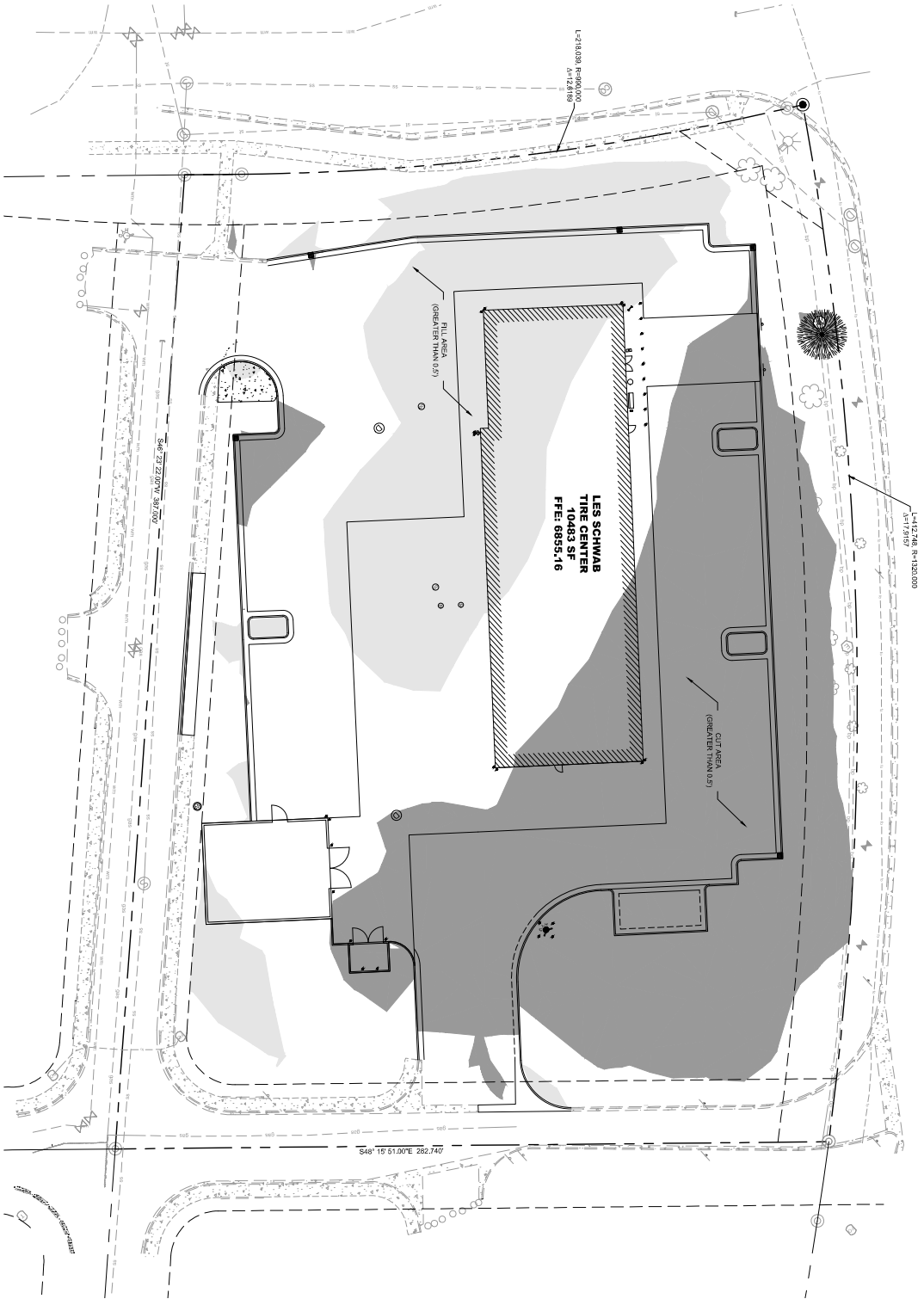


Urban Design and Field Control Detail
Urban Storm Drainage (Urban Storm Vents)

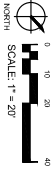
November 2010

2 VEHICLE TRACKING CONTROL





CUT FILL GESC EXHIBIT



NOT FOR CONSTRUCTION - PRELIMINARY DESIGN

CUT/FILL GESC
EXHIBIT
C017



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SITE DEVELOPMENT
PLANS
DATE: 08/20/17
DRAWN BY: J. WALKER
CHECKED BY: J. SCHWAB
REVISIONS:

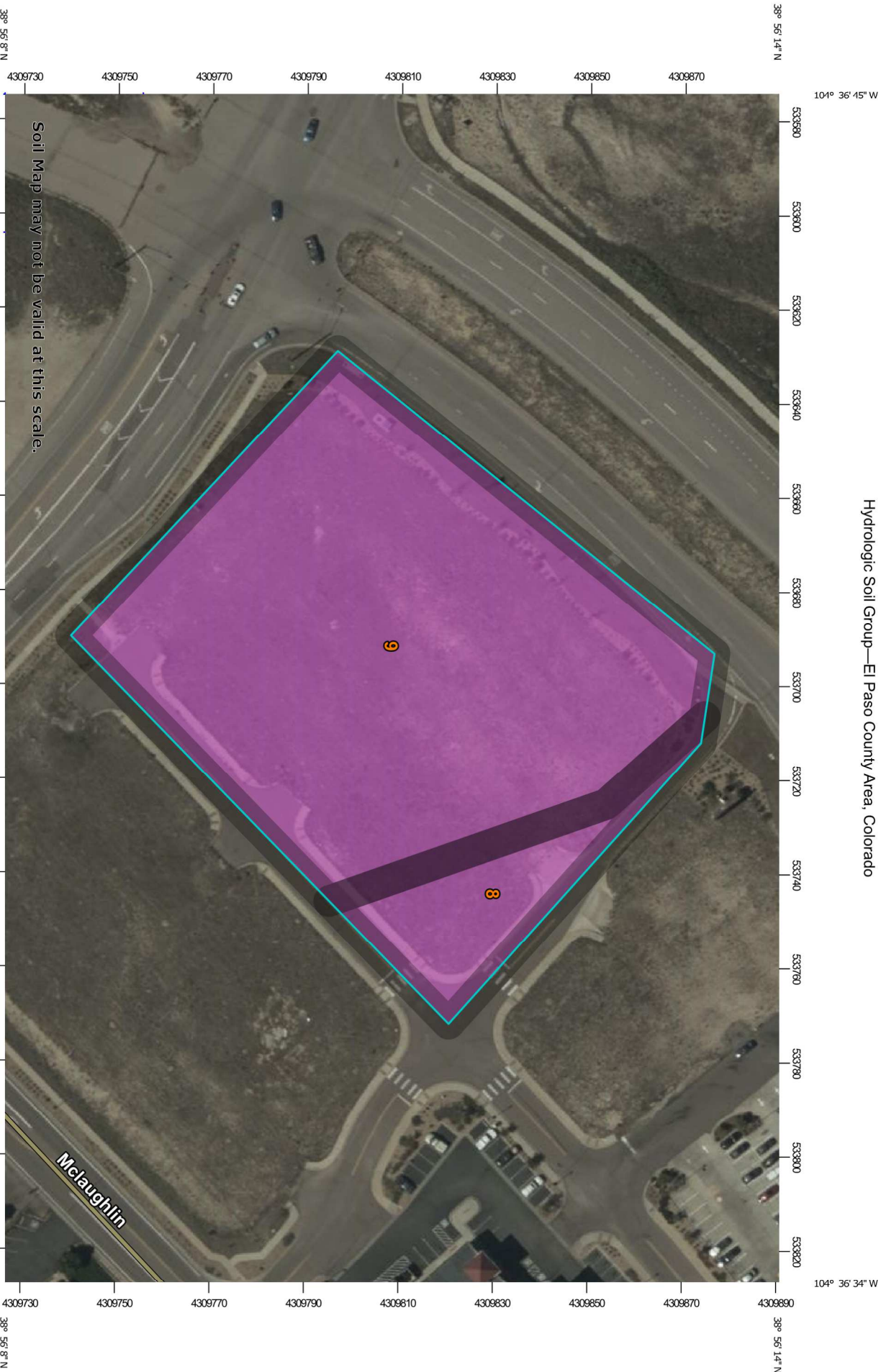
7105 OLD MERIDIAN RD.
FALCON, CO
LES SCHWAB TIRE CENTER





APPENDIX C: WEB SOIL SURVEY

Hydrologic Soil Group—El Paso County Area, Colorado



Soil Map may not be valid at this scale.

104° 36' 15" W

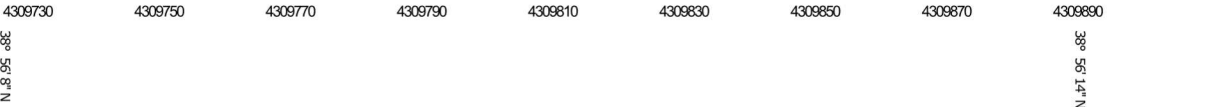


Map Scale: 1:1,160 if printed on A landscape (11" x 8.5") sheet.





































Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

104° 36' 34" W



MAP LEGEND

 Area of Interest (AOI)	 Area of Interest (AOI)	 C	 C/D
Soils	 A	 D	 Not rated or not available
Soil Rating Polygons	 A/D	 B	 B/D
	 C	 C/D	 D
	 Not rated or not available		
Water Features	 Streams and Canals		
Transportation	 Rails	 Interstate Highways	 US Routes
	 Major Roads	 Local Roads	
Soil Rating Lines	 A	 A/D	 B
	 B/D	 C	 C/D
	 D	 Not rated or not available	
Soil Rating Points	 A	 A/D	 B
	 B/D		
	 Not rated or not available		
Background	 Aerial Photography		

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: El Paso County Area, Colorado
 Survey Area Data: Version 18, Jun 5, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 11, 2018—Oct 20, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
8	Blakeland loamy sand, 1 to 9 percent slopes	A	0.3	13.1%
9	Blakeland-Fluvaquentic Haplaquolls	A	2.2	86.9%
Totals for Area of Interest			2.5	100.0%

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher