

April 13, 2021

Montana Department of Environmental Quality
Water Protection Bureau
PO Box 200901
Helena, MT 59620-0901

Re: Residential Subdivision #1 at the Quarry
SWPPP Permit Application MTR108839-
Owners: Big Sky Rock, LLC
Location: Big Sky, MT 59716, Gallatin County, MT
Legal Description: 05 T 07 S, R 04 E.

To Whom It May Concern,

Please find attached the NOI, SWPPP Form, Site Plan and Review Fee for your review. We began completing this application on the FACTS website and elected to finalize the process in hard copy form. Which is why there is a MTR number already generated. (MTR108839)

We greatly appreciate your help with this process and if you have any questions or need additional information, please contact me at 581-3319.

Sincerely,



Chris Wasia, P.E.
Genesis Engineering, Inc.
www.g-e-i.net

H:\1132\002\DOCS\SWPPP\Cover letter.doc



AGENCY USE ONLY

PERMIT NO.:	Date Rec'd.:	Amount Rec'd.:	Check No.:	Rec'd By:
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FORM NOI-SWC	Notice of Intent (NOI) Storm Water Discharge Associated With Construction Activity MTR100000
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The NOI form is to be completed by the owner or operator of construction activity eligible for coverage under the Department's *General Permit for Storm Water Discharges Associated with Construction Activities*. Please read the attached instructions before completing this form. You must print or type legibly; forms that are not legible or are not complete or are unsigned will be returned. You must maintain a copy of the completed NOI form for your records.

Section A - NOI Status (Check one):

New No prior NOI submitted for this site.

Renewal Permit Number: MTR10 ___ ___ ___ ___

Modification Permit Number: MTR10 ___ ___ ___ ___ (Discuss Modification in Section I)

Resubmittal/Administrative Processing Permit Number: MTR10 ___ ___ ___ ___

Section B – Facility or Site Information

Site Name Residential Subdivision #1 at the Quarry

Site physical address, mailing address at location, or directions to the site
Approximately 1 mile south of the intersection of Lone Mountain Trail and Hwy 191

Township/Range/Section (optional): T7S, R4E, S5

Nearest City or Town Big Sky Zip Code 59716 County Gallatin

Latitude 45.253760 Longitude -111.257087

Is this facility or site located within a recognized Indian Reservation? Yes No If yes permit must be obtained through US EPA

Section C – Applicant (Owner/Operator) Information: Owner Operator Both

Owner or Operator Name (Organization Formal Name) Big Sky Rock LLC

Mailing Address PO BOX 16730

City, State, and Zip Code: Big Sky, MT, 59716

Phone Number (406) 763-6196 Email orock9530@me.com

Status of Applicant (Check one) Federal State Private Public Other (specify) _____

Section D – Existing or Pending Permits, Certifications, or Approvals:

None MPDES _____ RCRA _____
 404 Permit (dredge & fill) _____ Other _____

Local Sediment and Erosion Control Requirements:

1. Is the construction project located within a regulated Municipal Separate Storm Sewer System (MS4)?
 Yes, Complete item 2. No

2. The applicant must contact the MS4 to verify if additional local sediment and erosion controls are required:
 Name of MS4: _____
 MS4 Contact Name: _____ Contact Date: _____
 Submit the SWPPP to the MS4 if required. Any additional MS4 requirements must be incorporated into the SWPPP.

Sage Grouse Habitat:

Visit the Montana Sage Grouse Habitat Conservation Program (Program) website to determine if the construction project is located in designated sage grouse habitat (core, general, and/or connectivity).
 Yes, Submit application to the Program and attach resulting consultation letter.
 No, Project is not located in a designated habitat.

Section E - Standard Industrial Classification (SIC) Codes:

Select at least one SIC code which best reflects the type of construction work.

A. Primary	B. Second
1521 - General Contractors - Single-family Houses	
C. Third	D. Fourth

Section F – SWPPP Preparer and Administrator**SWPPP Preparer:**

Name Chris Wasia Position Title Staff Engineer
 Mailing Address 204 N. 11th Ave
 City, State, and Zip Code Bozeman, MT 59715
 Phone (406) 581-3319 Alternate Phone _____
 Company Name Genesis Engineering, Inc. Email cwasia@g-e-i.net
 Training Course Montana Contractors' Association Date Completed 03/19/2021

SWPPP Administrator: Same as above

Name _____ Position Title _____
 Mailing Address _____
 City, State, and Zip Code _____
 Phone _____ Alternate Phone _____
 Company Name _____ Email _____
 Training Course _____ Date Completed _____

Secondary SWPPP Administrator:

Name Colton Veldboom Position Title Staff Engineer
 Mailing Address 204 N. 11th Ave
 City, State, and Zip Code Bozeman, MT, 59715
 Phone (406) 581-4531 Alternate Phone _____
 Company Name Genesis Engineering, Inc. Email cveldboom@g-e-i.net
 Training Course Montana Contractors' Association Date Completed 03/19/2021

For additional SWPPP Administrators, please complete and submit Attachment A – Delegation of Authority

Section G – Receiving Surface Water(s):

Storm Water Outfall/Discharge Locations: For each outfall, list latitude and longitude in the decimal degrees format (00.0000; -000.0000) and the name of the receiving waters. **This section must not be left blank and N/A is not acceptable** (see instructions for details)

Outfall Number	Latitude	Longitude	Receiving Surface Waters
001	45.25463080	-111.25472900	1900' to the Gallatin River
002	45.25349340	-111.25445000	1200' to the Gallatin River
003	45.25205610	-111.25445800	300' to Michener Creek
004			
005			
006			
007			
008			
009			
010			

Waterbodies with Impairments (see instructions):

Are any of the above waterbodies listed as impaired for potential pollutants from your construction activities. (see instructions for accessing the Clean Water Act Information Center)

- Yes (continue with next question) No

If yes, have you updated the SWPPP to include BMPs that target and reduce discharges of the identified pollutants causing impairment of the waterbodies and any TMDL requirements?

- Yes No

Section H – Briefly Describe the Nature of the Construction Activity or Project

The project consists of infrastructure and site work of 90 single family condos. The infrastructure includes water, sewer, storm main, and services. Asphalt and associated curb & gutter and sidewalks. The existing ground will be grade to allow for proper drainage after the existing vegetation and topsoil have been removed. Once vertical construction is near completion the ground around each building will be graded and landscaped.

Please provide a summary of Best Management Practices (BMPs) in the SWPPP

Stabilization methods include: Maintaining a vegetative buffer where possible. Provide long-term stabilization through quickly establishing permanent grass using a seed mix or sod proven to work in the Big Sky area. The seed will be placed in the fall or spring when temperatures drop and moisture increases. The following structural measures are proposed: The sediment traps will be achieved by ponding runoff behind straw rolls, silt fence, and/or straw bales. Additional filtration will be accomplished by running through thick grasses before reaching a watercourse. A rock construction entrance will be installed at the entrances to reduce offsite sediment transport.

Total site area (acres) 175.1
Area of Construction Related Disturbance (acres) 39.6
Estimated Project Start Date 06/01/2021 Estimated Project Completion Date 06/01/2023
Estimated Project Final Stabilization Date 08/02/2023

Section I – Supplemental Information (For Permit Modification Only – leave blank except for modification)

Section J – Fee:

NEW PROJECTS:

Indicate the acreage of construction related disturbance indicated in Section H of this NOI form. The fee for new projects includes the application and the annual fee for the calendar year in which the permit authorization is effective.

- 1-5 acres \$ 900.00
- >5-10 acres \$1,000.00
- >10-25 acres \$1,200.00
- >25-100 acres \$2,000.00
- >100 acres \$3,500.00

- RENEWAL** \$ Amount specified in Rule (fee provided in renewal notice)
- MODIFICATION** \$ 500.00 (minor modification, only if less than six months from date the permit authorization is effective)
- RESUBMITTAL / ADMINISTRATIVE PROCESSING** \$ 500.00

Section K - Attachments:

Map:

Attach a USGS topographic quadrangle map extending one mile beyond the property boundaries of the site or activity identified in Section B depicting the facility or activity boundaries, major drainage patterns, and the receiving surface waters stated above.

SWPPP and Site Map: Attached Renewal (updated SWPPP and site map attached)

Section L - Certification

Authorized Signatories: This form must be completed, signed, and certified as follows:

- For a corporation, by a principal officer of at least the level of vice president;
- For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- For a municipality, state, federal, or other public facility, by either a principal executive officer or ranking elected official.

All Applicants Must Complete the Following Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information; including the possibility of fine and imprisonment for knowing violations.

A. Name (Type or Print)

SCOTT ALTMAN

B. Title (Type or Print)

Owner

C. Phone No.

(406) 763-6196

D. Signature



E. Date Signed

04/12/2021

The Department will not process this form until all of the requested information is supplied, and the appropriate fees are paid. Return this form and the applicable fee to:

Department of Environmental Quality
Water Protection Bureau
PO Box 200901
Helena, MT 59620-0901
(406) 444-3080

AGENCY USE ONLY

PERMIT NO.:	Date Rec'd.:	Amount Rec'd.:	Check No.:	Rec'd By:
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WATER PROTECTION BUREAU

FORM
SWPPP
2018

Storm Water Pollution Prevention Plan (SWPPP) Form
Storm Water Discharge Associated With Construction Activity
MTR100000

READ THIS BEFORE COMPLETING FORM: The Form SWPPP is intended to assist operators in developing a SWPPP which complies with Part 3 of the General Permit for Storm Water Discharges Associated with Construction Activity (General Permit). It is the permittee's responsibility to ensure all required items in the General Permit are adequately addressed and that the SWPPP is developed, implemented, and maintained. Additional information may be needed to supplement the Form SWPPP. For additional information, please call: (406) 444-3080 or visit: <http://deq.mt.gov/wqinfo/mpdes/stormwaterconstruction.mcp>

Section A - SWPPP Status: (Check one)

- New No prior SWPPP submitted for this site.
- Modification Permit Number: MTR10 ____ (Please specify these four numbers)

Section B - Facility or Site Information:

Site Name Residential Subdivion #1 at the Quarry

Site Location Approximately 1 mile south of the intersection of Lone Mountain Trail and hwy 191

Nearest City or Town Big Sky County Gallatin

Section C - Applicant (Owner/Operator) Information:

Owner or Operator Name Big Sky Rock LLC

Mailing Address PO Box 160730

City, State, and Zip Code Big Sky MT 59716

Phone Number (406) 763-6196

Section D SWPPP Preparer and SWPPP Administrator

SWPPP Preparer:

Name or Position Title Chris Wasia

Mailing Address 204 N. 11th Ave

City, State, and Zip Code Bozeman, MT 59715

Phone Number (406) 581-3319 Email cwasia@g-e-i.net

Training Course Montana Contractors' Association Date Completed 03/19/21

Primary SWPPP Administrator: Same as above

Name or Position Title _____

Mailing Address _____

City, State, and Zip Code _____

Phone Number _____ Email _____

Training Course _____ Date Completed _____

Secondary SWPPP Administrator:

Name or Position Title _____

Mailing Address _____

City, State, and Zip Code _____

Phone Number _____ Email _____

Training Course _____ Date Completed _____

Section E – Site Description (Part 3.3)

1. Describe the nature of the construction activity and what is being constructed.

2. Describe all support activities and associated storm water discharges dedicated to the construction activity including but not limited to: material borrow areas, material fill areas, concrete or asphalt batch plants, equipment staging areas, access roads/corridors, material storage areas, and material crushing/recycling /processing areas.

3. Provide an estimate of the total area of the site, and an estimate of the area of the site expected to undergo construction-related disturbance (including all construction-related support activities).

Total Site Area (acres): _____

Area of Construction-Related Disturbance (acres): _____

4. Describe the character and erodibility of soil(s) and other earth material to be disturbed at the site, including cut/fill material to be used.

5. Provide a brief description of the existing vegetation at the site and an estimate of the percent density of vegetative ground cover.

The existing ground cover consist of wheat-grass, sage brushes and medium sized pine tress.

Specify Percent Density of Existing Vegetation: 90%

6. For a storm water discharge associated with construction activity with construction-related disturbance of five acres or more of total land area (based on the acreage provided in item E.3 above):

a. Provide an estimate of the runoff coefficient of the site, both before and after construction, and describe what supporting information this determination is based upon:

Runoff coefficient before construction: 0.2

Runoff coefficient after construction: 0.32

Supporting Information Source: Hydrology, Federal Highway Administration, HEC No. 19, 1984

b. Provide an estimate of the increase in impervious area after the construction activity is completed:
 Percent.

7. In the Outfall table below, identify the name(s) of the first state surface water(s) that receives storm water from the construction project. Provide a description of the size, type, location of each outfall, and if the discharge is to a storm sewer system. To properly identify the state receiving water, locate the drainage(s) into which the construction project discharges. If additional outfalls are applicable, please include an attachment.

Outfall Number	Receiving Surface Water	Size of Drainage Area Associated with each Outfall	Type of Discharge	Latitude and Longitude of Outfall	Discharge to Municipal Storm Sewer System
001	1900' to the Gallatin River	7.7 Acres	<input type="radio"/> Sheet <input checked="" type="radio"/> Concentrated	45.2546308,-111.254729	<input type="radio"/> Yes <input checked="" type="radio"/> No
002	1200' to the Gallatin River	30.3 Acres	<input type="radio"/> Sheet <input checked="" type="radio"/> Concentrated	45.2534934,-111.25445	<input type="radio"/> Yes <input checked="" type="radio"/> No
003	300' to Michener Creek	0.5 Acres	<input type="radio"/> Sheet <input checked="" type="radio"/> Concentrated	45.2520561,-111.254458	<input type="radio"/> Yes <input checked="" type="radio"/> No
004			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
005			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
006			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
007			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
008			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
009			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No
010			<input type="radio"/> Sheet <input type="radio"/> Concentrated		<input type="radio"/> Yes <input type="radio"/> No

a. List the impaired receiving surface waters from the table above.

Gallatin River

Section F – Identification and Summary of Potential Pollutant Sources (Part 3.4)

Select the pollutants expected to be present on the construction project:

Soils

- Areas of Shallow Grade
- Areas of Steep Grade
- Slopes
- Ditch
- Stockpiles
- Contaminated Soils
- Import and Export Operations
- Entrance / Exit Locations
- Other Explain _____

Materials

- Loading and Unloading Operations
- Storage of building materials
- Storage of chemicals
- Portable Toilets
- Concrete Batch Plant
- Asphalt Batch Plant
- Worker Trash
- Demolition Materials / Debris
- Other Explain _____

Activities

- Concrete Truck Washout
- Masonry - Stone / Brick / Concrete
- Spray / Wand Applications
- Finish Work – Dry wall / Painting
- Equipment Washing
- Washing of Buildings
- Maintenance of Equipment
- Refueling Operations
- Application of herbicides, pesticides, fertilizers
- Application of solvents or detergents
- Construction Dewatering
- Other Explain _____

Additional Pollutants

List any additional pollutants likely to be present at the construction project.

Non-Storm Water Discharges

Select the types of allowable non-storm water discharges likely to be present at the construction project.

Type of Allowable Non-Storm Water Discharge	Present at Construction Project	
Irrigation Drainage	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Landscape Watering	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Pavement Wash Waters	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Routine Building Wash Down	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Uncontaminated spring or ground water	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Water used for dust control	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Emergency fire-fighting activities	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Foundation or footing drains	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Incidental windblown mist from cooling towers	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Uncontaminated condensate from air conditioners, coolers, or other compressors	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Other Explain _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Section G – Selection of Best Management Practices (BMPs) (Part 3.5)

Select the BMPs to be used during the construction project. All selected BMPs are required to have a specification provided in the SWPPP. The specifications do not have to be submitted to DEQ. The specifications are required to be maintained by the SWPPP Administrator(s) and provided to DEQ, EPA, or other local permitting authority upon request.

Erosion Control BMPs

- Surface Roughening
- Diversion Ditches
- Velocity Checks / Check Dams
- Preservation of Existing Vegetation
- Minimizing Ground Disturbance
- Mulch – Straw / Compost
- Tackifiers / Soil Binders
- Temporary Seeding
- Erosion Control Blankets
- Rough Cut Street Controls / Water Bars
- Channel Liner
- Stream Crossing
- Terracing
- Culvert
- Outfall / Outlet Protection (Rip Rap)
- Other _____

Run On / Runoff Control BMPs

- Temporary Slope Drain
- Rock Run Down
- Clean Water Diversion
- Drainage Swales
- Other _____

Sediment Control BMPs

- Silt Fence
- Straw Wattles
- Rock Wattles / Rock Socks
- Curb Socks
- Straw Bales
- Earthen Berms
- Vegetative Buffers
- Drainage Ditch / Ditch Berm
- Gravel Pack
- Tarps, Plastic, Visqueen
- Compost Socks
- Brush Barrier
- Sandbag Barrier
- Inlet Protection
- Vehicle Tracking Control Pad
- Stabilized Vehicle Entrance
- Stabilized Parking Area
- Stabilized Construction Roadway
- Street Sweeping
- Sediment Trap
- Sediment Basin
- Other _____

Administrative Controls

- Concrete and Liquid Waste Washouts
- Worker Toilets
- Construction Fencing
- Dust Control
- Secondary Containment
- Dumpsters / Waste Receptacles
- Stabilized Staging Area
- Material Storage and Stockpile Area
- Paving and Painting Controls
- Saw Cutting and Grinding Controls
- Spill Prevention and Response Procedures
- Traffic Control
- Back Charging / Penalties
- Other _____

Post Construction BMPs

- Detention Pond(s)
- Retention Pond(s)
- Drainage Swales
- Infiltration System(s)
- Dry Well(s)
- Other _____

Additional BMPs

List any additional BMPs likely to be used at the construction project.

Local Erosion and Sediment Controls

Describe applicable local erosion and sediment control requirements.

N.A. No Local Requirements

Dewatering Activities (Part 3.6)

Describe dewatering activities associated with the construction project. Identify the BMPs to be used to control dewatering activities and prevent discharges to state waters. If a separate authorization is obtained under the Construction Dewatering General Permit, include the dewatering plan with the SWPPP.

N.A. No dewatering

Dewatering activities will be controlled on-site with no discharge to state waters.

Provide a description of BMPs to be used to control dewatering activities on-site.

Separate authorization obtained under the Construction Dewatering General Permit.

MPDES Permit Authorization Number: MTG07__ __ __ __

Dewatering plan is attached to the SWPPP for the separate authorization.

Major Construction Activity Schedule (Part 3.7)

List the major construction activities identified in the table above and provide an estimated timeframe for each major construction activity. For each major construction activity, identify all construction activities that will occur during the proposed major construction activity.

The plan includes 2 phases described as follows:

- 1) Site grading and Infrastructure- the area of utility installation, site grading, and roadways will be stripped. once the roadway and utilities will then be completed with any excess material going into site grading.
- 2) Site concrete and Paving- the asphalt will be placed for the roadways and parking areas as well as the concrete curb and gutter, and sidewalks

Section I – Final Stabilization (Part 3.8)

Identify the BMPs that will be used to achieve final stabilization. Information to be included is seed mix selection and application methods, soil preparation and amendments, soil stabilization practices, and any temporary BMPs.

Final stabilization will be achieved by seeding the disturbed area and using a blend of native grasses.

Section J – Post-Construction Storm Water Management (Part 3.9)

Identify BMPs that will be used to control storm water discharges that will occur after the major construction activities are complete. Include a description of applicable local requirements.

The drainage from the site will flow into 3 culverts directing the water out the same way it flowed pre-construction. There will be added storm ponds to attenuate the runoff. The disturbed area will be seeded via hand or machine broadcast. The perimeter control silt fence will remain in place until the upstream area has been stabilized.

Section K – Site Map (Part 3.10)

Develop and attach the required SWPPP site maps and plans with the SWPPP. The site maps or plans must clearly indicate all the required information in *Part 3.10* of the General Permit. This means SWPPP site maps must be of sufficient size, scale, and legibility.

Section L – Inspection and BMP Maintenance Procedures (Part 3.11)

Select the inspection schedule for the construction project:

- Once every 7 calendar days
- Once every 14 calendar days, and a post-storm event inspection within 24 hours of the end of a rainfall event of 0.25 inches or greater, and/or within 24 hours of runoff from snowmelt. Check one: The rainfall event will be determined by either a rain gage on site or the following weather service: Weather Underground, Big Sky.

Describe the inspection and maintenance procedures that will be used to maintain all erosion, sediment control, and other BMPs in good and effective operating condition. Identify how changes to the SWPPP will occur per Part 3.12 of the General Permit. If post construction BMPs will be used during major construction activities, include a maintenance plan that will transition the BMP from active construction to post construction.

The SWPPP administrator will make site visits every 2 weeks and the following rainfall events over 0.25". The SWPPP administrator will inspect the BMPS and area downstream of the site and will complete an inspection report. If any BMPs are missing or are in need of maintenance the general and/or civil contractor will be notified via email and/or phone call. As the project continues the SWPPP plan which is to be stored on-site will be updated with any changes, the changes will be noted on the inspection reports. The proposed storm ponds are the main BMP that will carry over from active to post construction.

Section M – Water Quality Controls for Discharges to Impaired Water bodies (Part 2)

Describe BMPs that target and reduce discharges of identified pollutants of impairment to impaired waterbodies. The permittee should only describe additional BMPs based on their construction activities pollutant sources. Include any applicable TMDL condition, goal, requirement, implementation intent, or specific controls or requirements as directed by the Department.

The storm water will eventually flow into the Gallatin River. The Gallatin River is listed as impaired due to crop production. This project will not increase the area of crop production. The waterway into the Gallatin river is not located on the property.

Section N – Miscellaneous Information

Use this space to identify miscellaneous information that is to be included in the SWPPP.

Section O - CERTIFICATION

Permittee Information: This SWPPP must be completed, signed, and certified as follows:

- For a corporation, by a principal officer of at least the level of vice president;
- For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- For a municipality, state, federal, or other public facility, by either a principal executive officer or ranking elected official.

Alternatively, this SWPPP may be signed by a duly authorized representative of the person above. A person is a duly authorized representative only if:

- The authorization is made in writing by a person described above;
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company (a duly authorized representative may thus be either a named individual or any individual occupying a named position);
- The written authorization is submitted to the department.

All Permittees Must Complete the Following Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information; including the possibility of fine and imprisonment for knowing violations. [75-5-633, MCA]

A. Name (Type or Print)

SCOTT ALTMAN

B. Title (Type or Print)

OWNER

C. Phone No.

(406) 763-6196

D. Signature



E. Date Signed

04/12/21

The Department will not process this form until all of the requested information is supplied, and the appropriate fees are paid. Return this form and the applicable fee to:

Department of Environmental Quality
Water Protection Bureau
PO Box 200901
Helena, MT 59620-0901
(406) 444-3080



Project Site



www.g-e-i.net (406)-581-3319

Google Earth



1 mi



The bearer of this card has completed a 12-hour course on erosion and sediment control and is hereby certified as a SWPPP Administrator/Preparer for the construction industry.

Colton Velboom #21-081

Instructor: Dominic Goble Expires: 3/19/2024

Clean Water Starts With You



The bearer of this card has completed a 12-hour course on erosion and sediment control and is hereby certified as a SWPPP Administrator/Preparer for the construction industry.

Chris Wasia #21-082

Instructor: Dominic Goble Expires: 3/19/2024

Clean Water Starts With You



- PHASE LIST**
- PHASE 1 - SITE GRADING AND UTILITIES
-AREA OF DISTURBANCE=39.6 ACRES
 - PHASE 2 - SITE PAVING AND CONCRETE
-AREA OF DISTURBANCE=32.8 ACRES

- LEGEND**
- SILT FENCE OR STRAW WATTLE
 - EXISTING FLOW DIRECTION
 - PROPOSED FLOW DIRECTION
 - DISTURBED AREA
 - CURB SOCK/CHECK DAM
 - INLET/OUTLET PROTECTION
 - EARTHEN BERM
 - CONSTRUCTION ENTRANCE

NOTE:
1) EFFECTIVE JAN 2021 ADD PUBLIC SIGN.

SPILL KIT
THE SPILL KIT IS TO BE LOCATED IN THE EXCAVATION CONTRACTOR'S JOB TRAILER WITHIN THE STAGING AREA.

WORKER TRASH
WORKER TRASH WILL BE AT A MINIMUM AND WILL BE STORE WITHIN VEHICLES AND TRANSPORTED OFFSITE DAILY.

CHEMICAL STORAGE
NONE

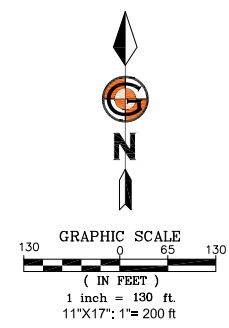
SANITARY FACILITY
TOILET FACILITY WILL BE LOCATED WITHIN THE STAGING AREA AND WILL BE STAKED DOWN.

STREET SWEEPING
STREETS ARE TO BE SWEEPED BY THE CONTRACTOR IF EXCESSIVE AMOUNT OF SEDIMENT HAS BEEN TRACKED ON TO THE ROADWAY AS DETERMINED BY THE ENGINEER OR SWPPP ADMINISTRATOR.

ACCESS CONTROL
CONTRACTOR TO LIMIT SITE ACCESS TO TRACK PADS ONLY. IF OTHER ACCESS BECOMES A PROBLEM, MEANS OF BLOCKING ACCESS WILL BE REQUIRED.

STOCKPILES
IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL SILT FENCE OR STRAW WATTLE ON THE DOWNHILL SIDE OF THE STOCK PILES IF THEY ARE NOT ALREADY CONTAINED WITHIN PERIMETER CONTROL. SILT FENCE OR STRAW WATTLE SHALL ALSO BE INSTALLED ALONG THE TOE OF THE PILES IF THEY BECOME TOO CLOSE TO THE ROADWAYS AND COULD DISCHARGE ONTO THE ROADWAY.

DEWATERING
NO DEWATERING

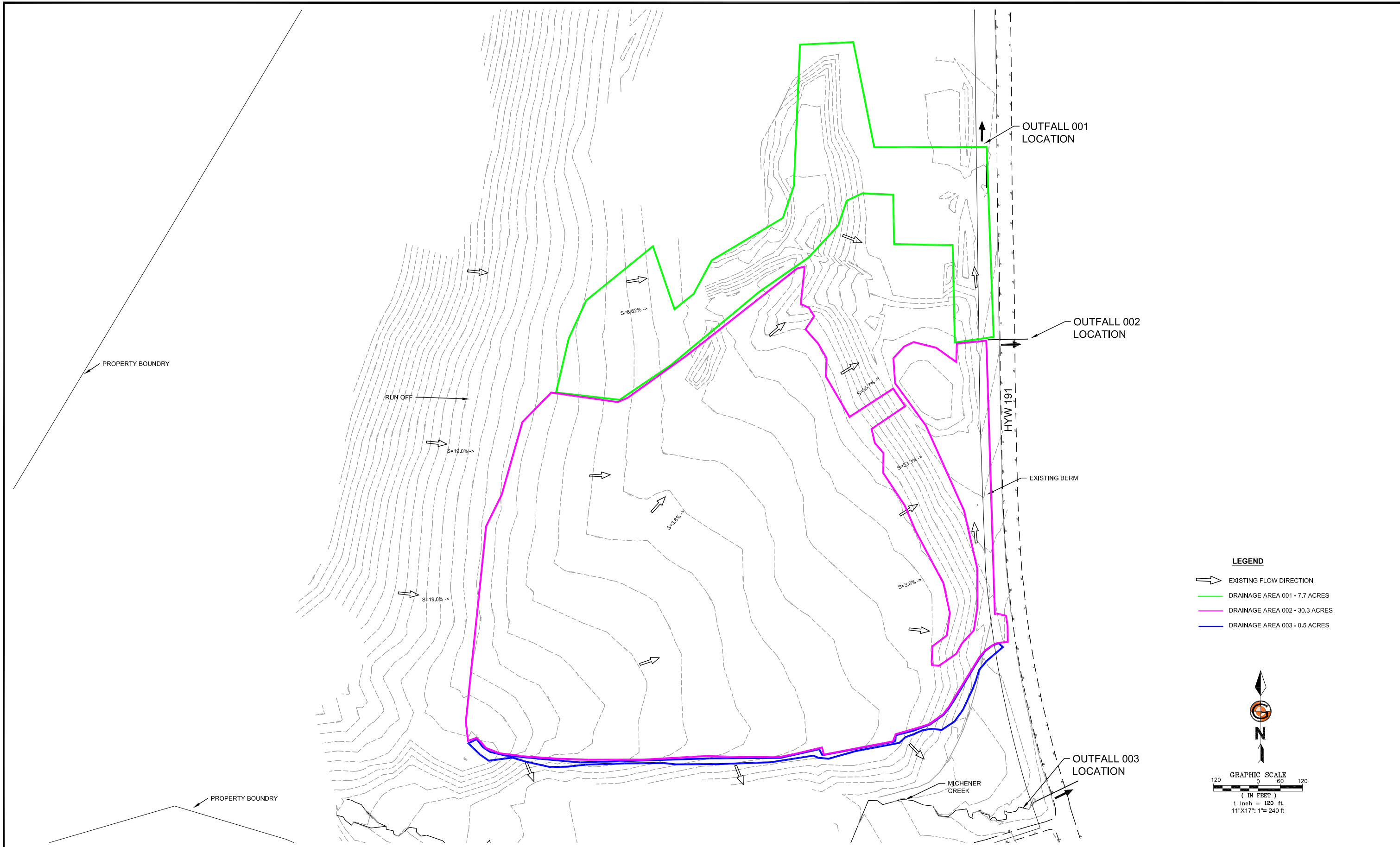


NO.	DESCRIPTION	REVISIONS		
		DATE	BY	

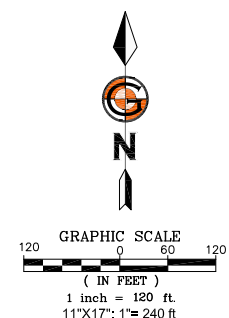
GENESIS ENGINEERING, INC
Engineering Consulting Design Planning
204 N. 11th Ave.
Bozeman, MT 59715
Phone: (406) 581-3319

DRAWN BY: CRV
CHKD. BY: CMW
APPR. BY: CMW
DATE: 04/12/21
Q.A. REVIEW BY:
DATE:

BIG SKY	RESIDENTIAL SUBDIVISION #1 AT THE QUARRY	PROJECT NUMBER 1132.002
	MT	SHEET NUMBER
SWPPP PHASE #2		DRAWING NUMBER SWPPP-2



- LEGEND**
- EXISTING FLOW DIRECTION
 - DRAINAGE AREA 001 - 7.7 ACRES
 - DRAINAGE AREA 002 - 30.3 ACRES
 - DRAINAGE AREA 003 - 0.5 ACRES



VERIFY SCALE
THESE PRINTS MAY BE
REDUCED. LINE BELOW
MEASURES ONE INCH ON
ORIGINAL DRAWING.

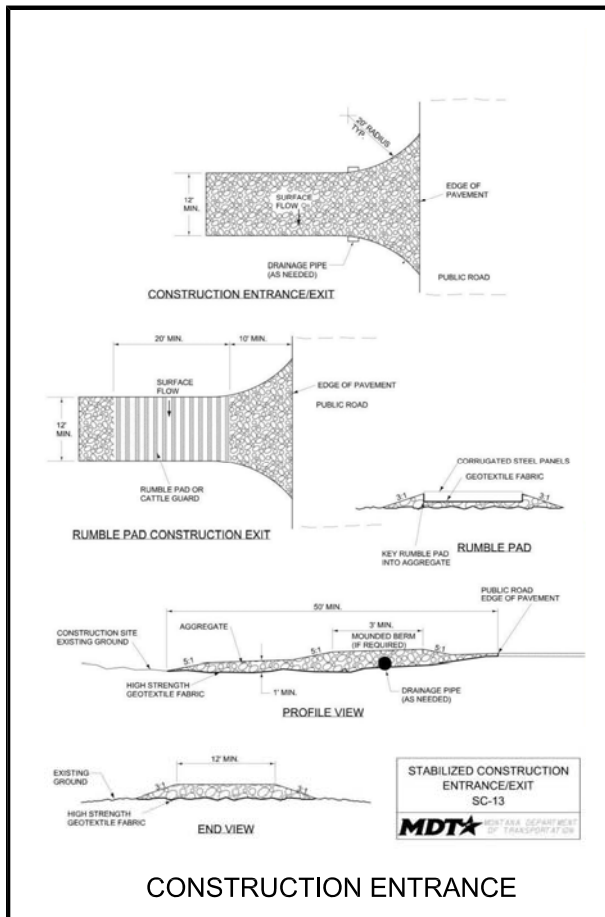
		REVISIONS		
NO.	DESCRIPTION	DATE	BY	

GENESIS ENGINEERING, INC
Engineering Consulting Design Planning
204 N. 11th Ave.
Bozeman, MT 59715
Phone: (406) 581-3319

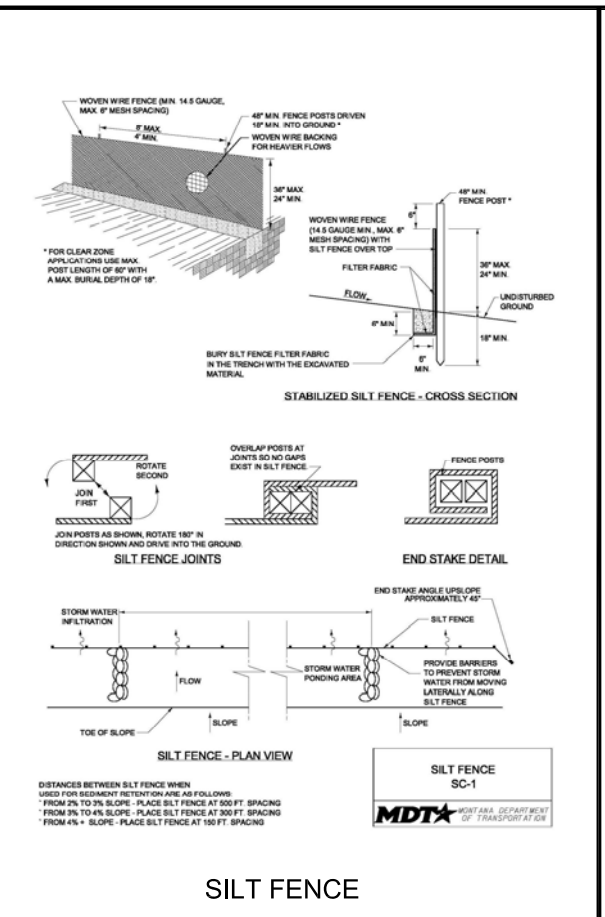
DRAWN BY: CRV
CHKD. BY: CMW
APPR. BY: CMW
DATE: 02/19/21
Q.A. REVIEW BY:
DATE:

RESIDENTIAL SUBDIVISION #1 AT THE QUARRY
BIG SKY MT
SWPPP EXISTING CONDITIONS

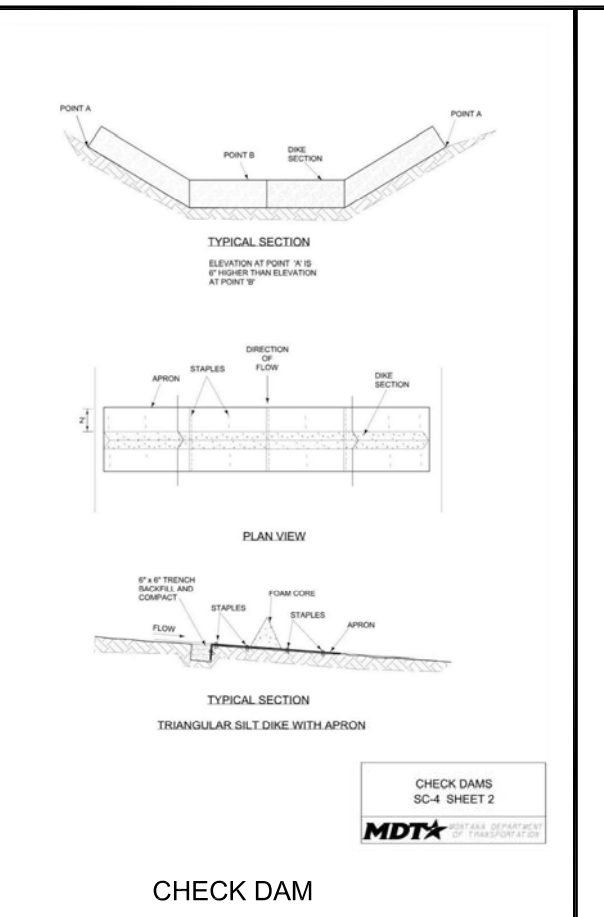
PROJECT NUMBER 1132.002
SHEET NUMBER
DRAWING NUMBER SWPPP-EX



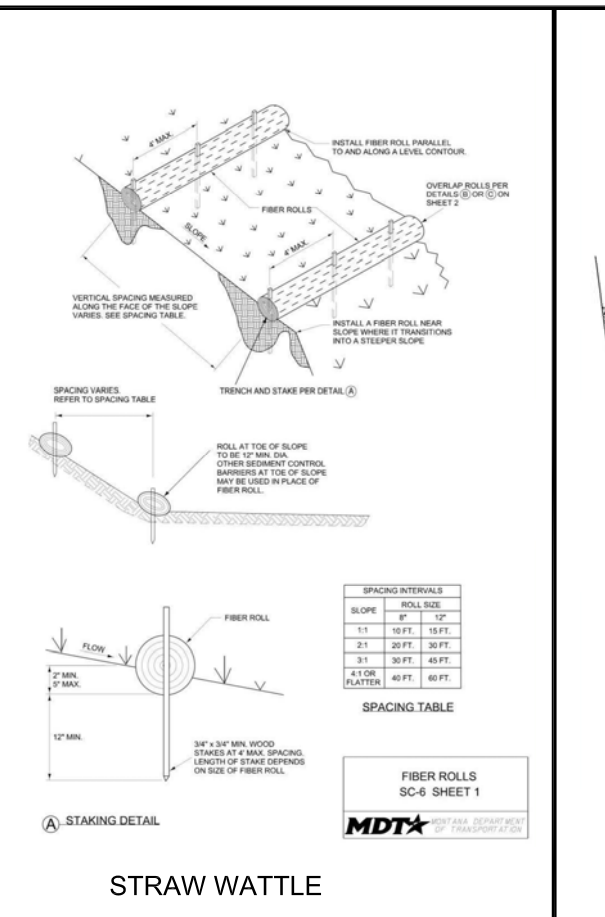
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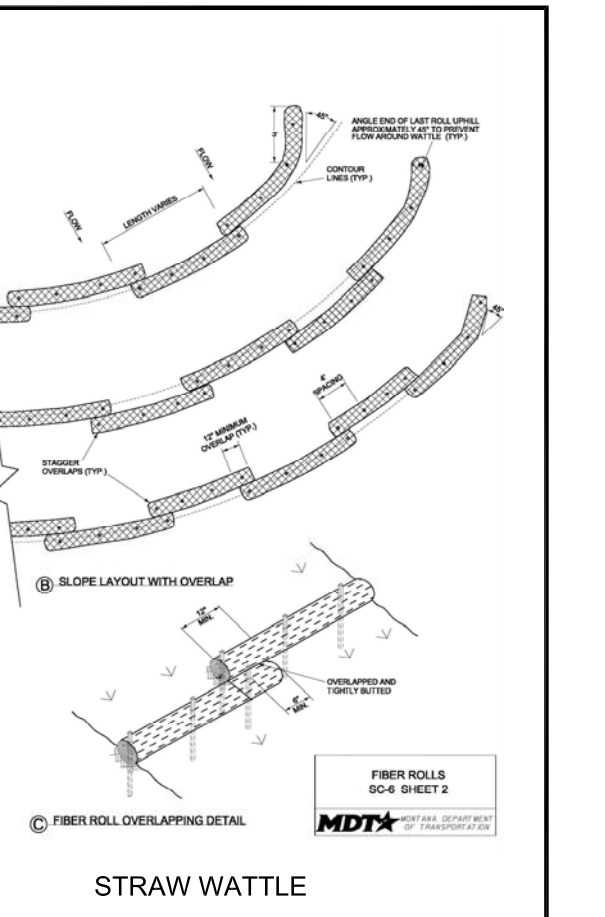
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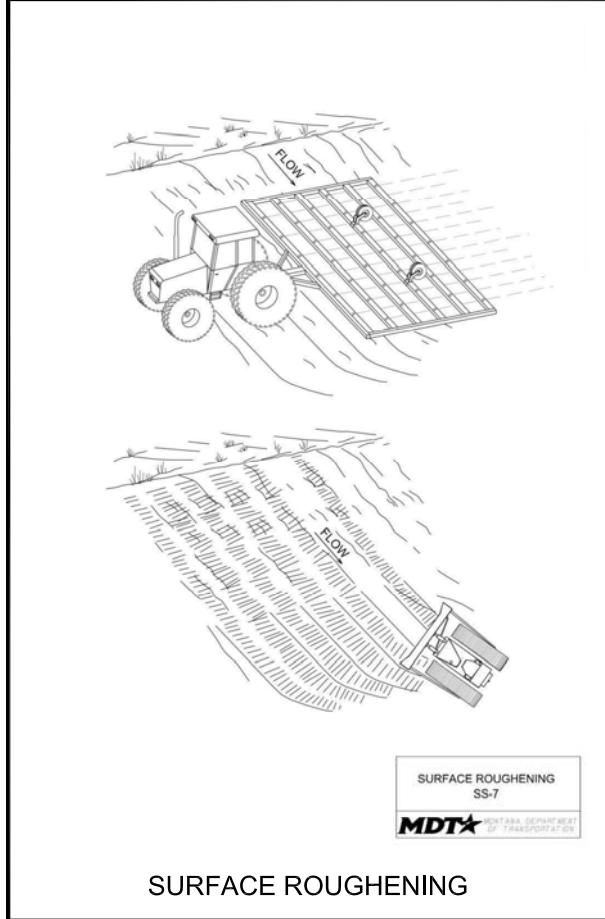
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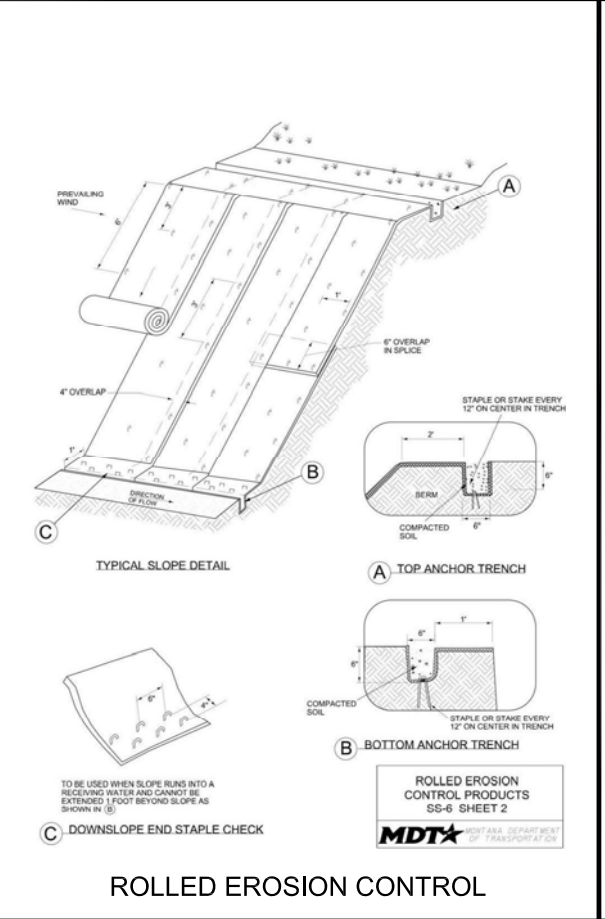
STRAW WATTLE



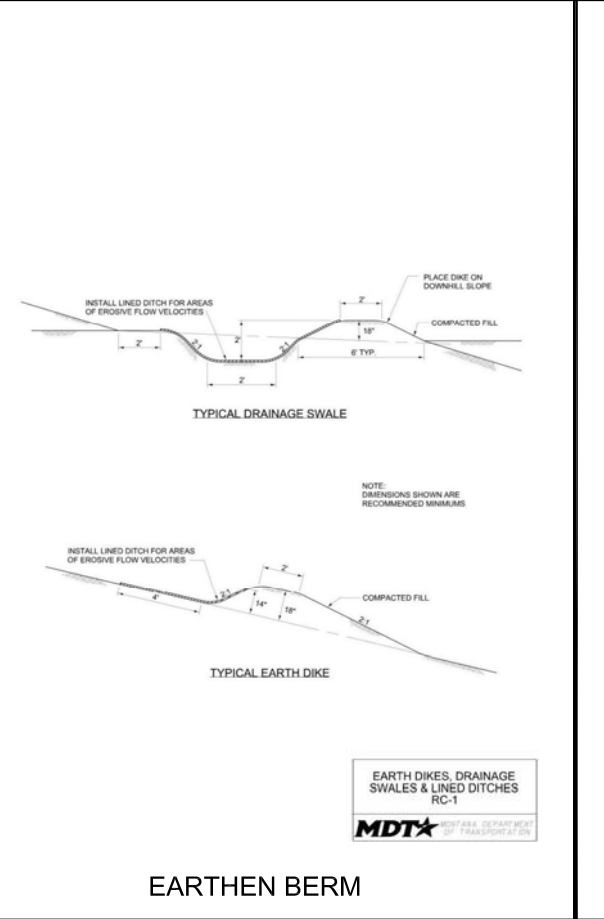
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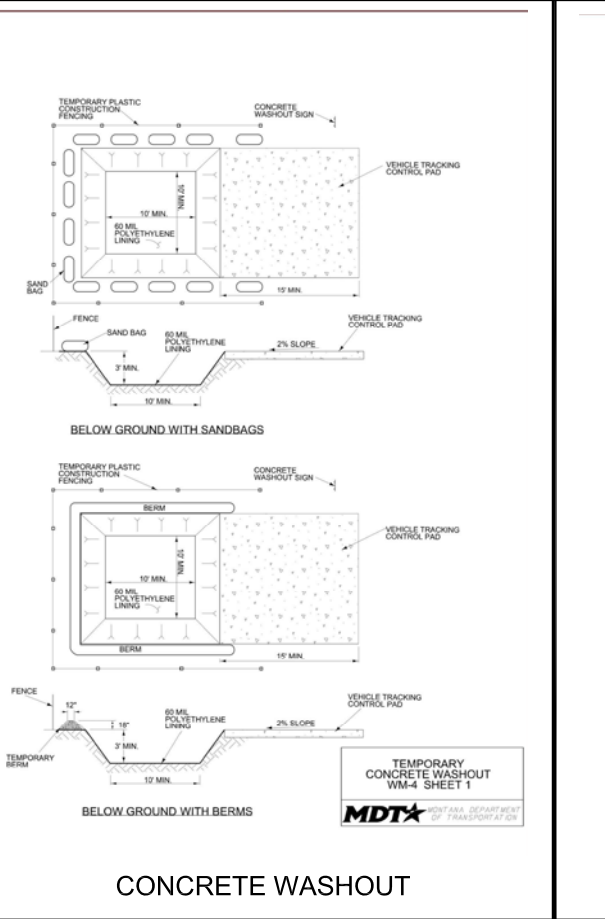
SURFACE ROUGHENING



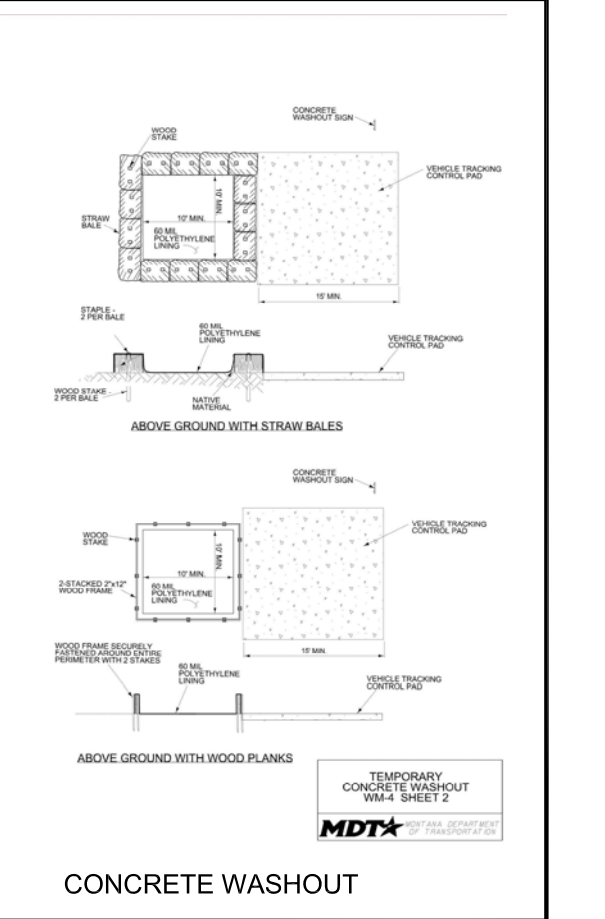
ROLLED EROSION CONTROL



EARTHEN BERM



CONCRETE WASHOUT



CONCRETE WASHOUT

NO.	DESCRIPTION	REVISIONS	
		DATE	BY

VERIFY SCALE: THESE PRINTS MAY BE REDUCED. LINE BELOW MEASURES ONE INCH ON ORIGINAL DRAWING.

MODIFY SCALE ACCORDINGLY

GENESIS ENGINEERING, INC.
The Beginning of a New Standard of Commitment

Engineering Consulting Design Planning
204 N. 11th Ave.
Bozeman, MT 59715
Phone: (406) 581-3319

MDTA MONTANA DEPARTMENT OF TRANSPORTATION

DRAWN BY: CRV
CHKD. BY: CMW
APPR. BY: _____
DATE: 04/12/21
Q.A. REVIEW BY: _____
DATE: _____

BIG SKY

RESIDENTIAL SUBDIVISION #1 AT THE QUARRY
SWPPP

PROJECT NUMBER 1132.002
SHEET NUMBER
DRAWING NUMBER D-1

EROSION AND SEDIMENT CONTROL DETAILS

