

A: SWPPP Template (Utah) – Instructions

DWQ has developed this Storm Water Pollution Prevention Plan (SWPPP) template for construction sites permitted under the Construction General Storm Water Permit (CGP). The template gives you a framework to ensure that your SWPPP addresses the necessary elements required by the permit. It may be helpful to use this template with EPA’s guidance on *Developing Your Storm Water Pollution Prevention Plan* (SWPPP Guide). Both are available on DWQ’s construction storm water website at <https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits>

This template covers most of the SWPPP elements that the Utah CGP requires, however, you are encouraged to customize this template to reflect unique conditions at the site or address a requirement not covered in the provided sections.

Using the SWPPP Template

Each section of this template includes instructions and space for project information. You should read the instructions for each section before you complete that section. If you require additional clarification, the instructions often reference a permit section where you can find the exact wording for the requirement as well as other resources that may be useful. For a cleaner document you may want to delete instructions when finished. This template was developed in Word so that you can easily add tables and additional text. Some sections may require only a brief description or not apply at all to your project, while others may require several pages of explanation.

Tips for completing the SWPPP template

- If there is more than one key player affecting storm water for your project, consider coordinating development of your SWPPP with the other key players.
- Make sure you inform subcontractors about limitations or special requirements if their work intersects with SWPPP requirements. You might write a section of your SWPPP specifically for a subcontractor and deliver that section to the sub-contractor before his work commences.
- Modify this SWPPP template so that it addresses the requirements in your construction general permit and meets the needs of your project. Be sure to include important aspects of the SWPPP that go beyond the boundaries of the project.
- EPA’s guidance on *Developing Your Storm Water Pollution Prevention Plan* (SWPPP Guide) can be accessed here: https://www3.epa.gov/npdes/pubs/sw_swppp_guide.pdf

Storm Water Pollution Prevention Plan

for:

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Francis, UT 84036

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SWPPP Preparation Date:

09/30/2021

UPDES Permit Tracking Number*:

UTRC03597

**This is the unique number assigned to your project after you have applied for coverage under the Utah Pollutant Discharge Elimination System (UPDES) construction general permit. If this template is filled out first, you can leave the tracking number blank until after you have applied for coverage.*

Contents

SECTION 1: CONTACT INFORMATION/ RESPONSIBLE PARTIES	1
1.1 Storm Water Team	1
SECTION 2: NATURE OF CONSTRUCTION ACTIVITIES	2
2.1 Construction Site Estimates	2
2.2 Construction Activity Descriptions	2
2.3 Phase/Sequence of Construction Activity	3
2.4 Maps	4
SECTION 3: WATER QUALITY	5
3.1 Discharge Information	5
3.2 Receiving Waters	5
3.3 Impaired Waters	6
3.4 High Water Quality	6
SECTION 4: POLLUTION PREVENTION STANDARDS	7
4.1 Potential Sources of Pollution	7
4.2 Non-Storm Water Discharges	8
4.3 Dewatering Practices	9
4.4 Natural Buffers or Equivalent Sediment Controls	9
SECTION 5: EROSION AND SEDIMENT CONTROLS – BMPS	10
5.1 List of Erosion and Sediment BMPs on Site	10
5.2 Linear Site Perimeter Control Exemption	13
5.3 Final Stabilization	14
SECTION 6: BMPS - POLLUTION PREVENTION/OPERATIONAL CONTROLS	15
6.1 Spill Prevention and Response	15
6.2 Pollution Prevention Controls	16
SECTION 7: SPECIAL CONDITIONS	18
7.1 Emergency Related Projects	18
7.2 UIC Class 5 Injection Wells	18
7.3 Chemical Treatment	19
SECTION 8: INSPECTIONS & CORRECTIVE ACTIONS	20
8.1 Inspections	20
8.2 Corrective Actions	21
8.3 Delegation of Authority	21
SECTION 9: RECORDKEEPING	22
9.1 Recordkeeping	22
9.2 Log of Changes to the SWPPP	23
SECTION 10: CERTIFICATION	24
SECTION 11: SWPPP PREPARER CERTIFICATION	28

Appendix A – Site Maps

Appendix B – NOI

Appendix C – Inspection Reports

Appendix D – Corrective Action Report

Appendix E – Subcontractor Certifications/Agreements/Delegation of Authority

Appendix F – Training Logs (CGP Part 6) and Certifications

Appendix G – Additional Information (i.e., Other permits and out of date SWPPP documents)

Appendix H – BMP Specifications

Appendix I – Construction General Permit

SECTION 1: CONTACT INFORMATION/ RESPONSIBLE PARTIES

Instructions (CGP 7.3.1./7.3.7.):

- Identify the staff members that are part of the project’s storm water team as well as their responsibilities. The storm water team is comprised of individuals who are responsible for the development of the SWPPP, any later modifications to it, installing and maintaining storm water controls, conducting site inspections, and making corrective actions where required.
- Each member of the storm water team must have ready access to either an electronic or paper copy of the 2019 CGP and the SWPPP.
- Starting January 1, 2021: A SWPPP writer for a site greater than 5 acres, with a perennial surface water within 50 feet of the project, or with a steep slope (70% or 35 degrees or more) must hold a certification to demonstrate that they are a “qualified person” per CGP Part 7.2. A certification page is located in Section 11.
- The following personnel, at a minimum, must receive training on their responsibilities (CGP Part 7.3.7/6.1):
 - ✓ Personnel who are responsible for the design, installation, maintenance, and/or repair of storm water controls (including pollution prevention measures);
 - ✓ Personnel responsible for the application and storage of treatment chemicals;
 - ✓ Personnel who are responsible for conducting inspections (must hold a certification) as required in Part 4.1.; and
 - ✓ Personnel who are responsible for taking corrective actions as required in Part 5.
- A sample training log is provided in Appendix F. Certifications can also be recorded in this appendix.

1.1 Storm Water Team

Name and/or Position, and Contact	Responsibilities, Qualifications, and Training
Linda Kirk 912 W Village Bend Lane Midvale, UT 84047 801-803-1436 lindakirkhomes@gmail.com	Owner, Operator
Blayde McIntire Altitude Engineering Engineer 307-679-8620 Blayde.mcintire@gmail.com	Site Engineer, SWPPP writer, registered stormwater inspector

SECTION 2: NATURE OF CONSTRUCTION ACTIVITIES

2.1 Construction Site Estimates

Instructions (CGP 7.3.2.b.-c.):

- Estimate the area to be disturbed by excavation, grading, or other construction activities, including dedicated off-site borrow and fill areas.

The following are estimates for the construction site.

Total project area (lot size): 5.89 acres
Construction site area to be disturbed: 1.22 acres

2.2 Construction Activity Descriptions

Instructions (CGP 7.3.2.a., d. & g.):

- Briefly describe the nature of the construction activity and approximate time frames.
- For more information see CGP Part 7.3.2 and *SWPPP Guide*, Chapter 3.A.

Describe the general scope of the work for the project, major phases of construction, etc:

The project will be completed in two phases. The first phase is the road grading, which will take place in Fall 2021. The road will be rough-graded to subgrade elevations to allow for the water well location to be accessed and drilled. This is anticipated to take two weeks. The site will then be stabilized until Spring 2022 when the driveway and home construction will begin. It is anticipated that the home construction will last one year.

Describe any on-site and off-site construction support activity areas:

All materials will be staged on-site.

Typical site business days and times:

M-F 8am-5pm

2.3 Phase/Sequence of Construction Activity

Instructions (CGP 7.3.2.e.):

- Describe the intended construction sequencing and timing of major activities, including any opportunities for phasing grading and stabilization activities to minimize the overall amount of disturbed soil that will be subject to potential erosion at one time. Also, describe opportunities for timing grading and stabilization so that all or a majority of the soil disturbance occurs during a time of year with less erosion potential (i.e., during the dry or less windy season).
- For more information, see *SWPPP Guide*, Chapter 4, ESC Principle 2. It might be useful to develop a separate, detailed site map for each phase of construction.

Phase I

- Clearing and grubbing, rough grading the road, drilling water well
- October 15-31, 2021
- Stabilized construction entrance, straw wattle, sedimentation ponds and ditches
- The site will be stabilized through the winter because there is a ditch on the uphill side of the road. The construction entrance will be left in place. Mulch may be used in locations where the road cut is large.

Phase II

- Erecting home and finishing driveway
- Spring 2022 – Spring 2023
- Stabilized construction entrance, straw wattle, concrete washout, portable construction toilet, construction dumpster, sedimentation ponds and swales
- The final site will be landscaped to stabilize

2.4 Maps

Instructions (CGP 7.3.3.):

- Attach site maps. For most projects, a series of site maps is recommended. The first should show the undeveloped site and its current features. An additional map or maps should be created to show the developed site or for more complicated sites show the major phases of development.

These maps should include the following:

- Boundaries of the property
- Locations of earth-disturbing activities, including demolition, and note any phasing;
- Direction(s) of storm water flow and approximate slopes before and after major grading activities;
- Type and extent of pre-construction cover (vegetative cover, pavement, etc.);
- Locations of stockpiles and material storage;
- Water crossings and all water of the state within one mile downstream of the site's discharge point;
- Designated points where vehicles enter onto paved roads;
- Locations of structures and other impervious surfaces upon completion of construction;
- On-site and off-site construction support activity areas covered by the permit;
- Storm water and authorized non-storm water discharge locations to inlets or waters of the state;
- Locations of all potential pollutant-generating activities;
- Locations of storm water controls, including natural buffer areas; and
- Locations where polymers, flocculants, or other treatment chemicals will be used and stored.
- For more information, see *SWPPP Guide*, Chapter 3.C.

The SWPPP site map(s) are filed in Appendix A

SECTION 3: WATER QUALITY

3.1 Discharge Information

Instructions(CGP 1.4.):

- A Municipal Separate Storm Sewer System (MS4) is a storm water conveyance system owned and operated by a state, city, town, county, district, association, or other public body. If you discharge to one of these systems mark “yes” and identify which MS4. You must submit your SWPPP to this MS4 for review. A list of MS4s that are currently designed under a Utah municipal storm water permit can be found here: <https://documents.deq.utah.gov/water-quality/stormwater/DWQ-2018-006843.xlsx>

Does your project/site discharge storm water into a Municipal Separate Storm Sewer System (MS4)? Yes No

List the MS4 that receives the discharge from the construction project: Summit County

3.2 Receiving Waters

Instructions (CGP 3.1.):

- In the below table, list the name of the first surface water(s) that would receive discharges from your site. Multiple rows are provided in case your site discharges in multiple locations which flow to different surface waters. For discharges that enter a storm sewer system prior to discharge, the first surface water to which you discharge is the water body that receives the storm water discharge from the storm sewer system. You may need to contact the storm sewer system owner to find out where it discharges to.
- See <http://wq.deq.utah.gov> for impairment or quality information. Use this to identify the status in column 2 of Table 1. Select the waterbody you wish to look-up and find the results from the 20XX Assessment on the left hand side.
- For more information on TMDLs and impaired waters visit <https://deg.utah.gov/water-quality/watershed-monitoring-program/approved-tmdls-watershed-management-program> or www.epa.gov/tmdl/impaired-waters-and-stormwater.
- If any of the surface waters you listed are impaired, provide specified information about pollutants causing the impairment in column 3 of Table 1. Your SWPPP should specifically include measures to prevent the discharge of these pollutants.
- If any of the surface waters you listed are identified as a Category 1 or 2 water (a Category 1 water is only found within Forest Service boundaries) provide the category in column 3 of Table 1.
- For more information, see CGP Part 3.1 and 3.2 and *SWPPP Guide*, Chapter 3.B.

Names of Receiving Waters

Name of Receiving Water (first surface water that receives storm water or where storm system discharges to)	Is the water impaired or high quality?	If high quality: Is it Category 1 or 2? If impaired: List pollutants that the waterbody is impaired for
1. Beaver Creek	<input checked="" type="checkbox"/> Not high quality/impaired <input type="checkbox"/> Impaired, has approved TMDL <input type="checkbox"/> Impaired, no TMDL <input type="checkbox"/> High quality	
2. Provo River from Jordanelle to Woodland	<input type="checkbox"/> Not high quality/impaired <input checked="" type="checkbox"/> Impaired, has approved TMDL <input type="checkbox"/> Impaired, no TMDL <input type="checkbox"/> High quality	Aluminum

[Insert or delete rows as necessary.]

3.3 Impaired Waters

Instructions (CGP 3.2.):

- If you discharge to an impaired water as listed in the above table, provide information on additional efforts that will be taken to control the release of impairment causing pollutants. This is especially important for projects discharging to a surface water with an EPA approved TMDL for sediment or nutrients and an extra effort must be provided to prevent sediment from leaving the site.

Description of additional precautions taken if you are discharging to an impaired surface water. State if no impairment causing pollutants are on site:

Heavy metal discharges are not anticipated from the site.

3.4 High Water Quality

Instructions (CGP 3.2.):

- If you discharge to a high quality water as listed in the above, provide information on additional efforts that will be taken to control the release of pollutants. Per CGP Part 1.1.7, you can discharge to a Category 1 water if your discharge is temporary and limited and where best management practices will be employed to minimize pollution effects. Discharge to Category 2 waters is allowed only if the discharge will not lower the water quality of the water body.

Description of additional precautions taken to minimize pollution effects if you are discharging to a high quality surface water:

N/A

SECTION 4: POLLUTION PREVENTION STANDARDS

4.1 Potential Sources of Pollution

Instructions (CGP 7.3.2.f.):

- Identify and list all potential sources of sediment, which may reasonably be expected to affect the quality of storm water discharges from the construction site.
- Identify and describe all potential sources of pollution or pollutant-generating activity (e.g., paving operations; concrete, paint, and stucco washout and waste disposal; solid waste storage and disposal), other than sediment, which could be exposed to rainfall or snowmelt, and may reasonably be expected to discharges from the construction site.

For more information, see *SWPPP Guide*, Chapter 3.A.

Pollutant-Generating Activity	Pollutants or Pollutant Constituents (that could be discharged if exposed to storm water)	Location on Site (or reference SWPPP site map where this is shown)
Grading	Sediment	All along driveway, especially downhill
Asphalt	Oil	Driveway, roofs
Concrete	Lime, pH, sand, chromium	Building foundations, concrete washout near entrance
Oil, gasoline	Petroleum, benzene, MTBE	Sedimentation ponds
Sanitary toilets	Bacteria, viruses	Near entrance
Construction dumpster	Solid waste	Near entrance

4.2 Non-Storm Water Discharges

Instructions (CGP 7.3.4.):

- Identify all allowable sources of non-storm water discharges and how they will be controlled. A list of allowable non-storm water discharges are found in the CGP Part 1.2.3.
- For more information, see *SWPPP Guide*, Chapter 3.A.

Check allowable non-storm water discharges that are present and describe the measures used to reduce them or prevent them from contributing pollutants to discharges:

Authorized Non-Storm Water Discharges	Present	Comments/Controls
Discharges from emergency fire-fighting activities	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Fire hydrant flushing	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Properly managed landscape irrigation (excludes fertilizer injector systems)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Properly managed vehicle and equipment wash water with no soaps, solvents, or detergents	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Water used to control dust	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Straw wattles, stabilized entrance
Drinking water, includes uncontaminated water line flushing	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
External building washdown with no soaps, solvents, detergents, or hazardous substances	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Pavement wash waters with no detergents or toxic or hazardous materials. Must have a sediment basin, sediment trap, or similarly effective control prior to discharge.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Uncontaminated air conditioning or compressor condensate	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Uncontaminated, non-turbid discharges of ground water (from natural sources) or spring water	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Uncontaminated foundation or footing drains	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	

4.3 Dewatering Practices

Instructions (CGP 1.2.5. and 2.3.7.):

If you will be discharging storm water that is removed from excavations, trenches, foundations, vaults, or other similar points of accumulation, it must be permitted by UPDES permit UTG070000 (Construction Dewatering and Hydrostatic Testing Permit) unless it can be managed onsite through percolation or evaporation. The permit can be found at <https://deg.utah.gov/water-quality/current-updes-permits> in the bottom table. Call DWQ at 801-536-4300 for more information.

- Include schedule and general locations of dewatering. Dewatering locations must be on the site map.

Check box if section not applicable to this site [De-watering is not anticipated](#)

Describe the general scope of dewatering practices for the project and any BMPs used to manage the dewatering practices:

4.4 Natural Buffers or Equivalent Sediment Controls

Instructions (CGP Part 7.3.5.b.(1), 2.2.1, and Appendix A):

This section only applies if a surface water is located within 50 feet your construction activities. If this is the case, review CGP Part 2.2.1. and Appendix A of the CGP for information on how to comply with the buffer requirements.

- Describe the compliance alternative that was chosen to meet the buffer requirements, and include any required documentation supporting the alternative selected. The compliance alternative selected must be maintained throughout the duration of permit coverage. However, if you select a different compliance alternative during your period of permit coverage, you must modify your SWPPP to reflect this change.
- If you qualify for one of the exceptions in CGP Part A.2.2., include documentation related to your qualification for such exceptions.
- Review Appendix A of the CGP for step-by-step instructions and examples on how to comply with the different buffer alternatives.

Buffer Compliance Alternatives

Are there any surface waters within 50 feet of your project's earth disturbances?

YES NO

SECTION 5: EROSION AND SEDIMENT CONTROLS – BMPS

5.1 *List of Erosion and Sediment BMPs on Site*

Instructions (CGP Part 2.2. and 7.3.5):

- Identify best management practices (BMPs) that will be implemented on site to control erosion and sediment transport from storm water.
- Use the below CGP requirements and the pollutant generating activities identified in SWPPP section 4.1. to determine where BMPs are necessary. Fill out the rightmost column with BMPs you are selecting. Some requirements may not apply to your site.
- For each BMP you must provide a description of the control, any design specifications, routine maintenance specifications, a schedule for storm water control implementation/installation, and the staff responsible for maintaining the BMP. These details are listed in the BMP section below the table.
- BMPs are listed as examples, you may use BMPs not listed.
- Details and design specifications can be provided in this section or in Appendix H if they are large.
- Perimeter control maintenance must include removal of sediment before it has accumulated to one-half the above-ground height of the control.
- For more information, see *SWPPP Guide*, Chapter 4.
- BMP guidance may be found in your MS4's or other local jurisdiction's design manual, guidance manuals listed in Appendix D of the *SWPPP Guide*, or EPA's National Menu of BMPs
<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr>

CGP Requirement	Example BMPs	EPA SWPPP Guide Section	BMPs Selected (Name and Reference Number if applicable)
Preserve vegetation where possible and direct storm water to vegetated areas when feasible (CGP 2.2.2.)	Phasing to minimize disturbance, signs/fences to protect areas not being disturbed.	Chapter 4, ESC Principle 1	Sedimentation ponds, swales, minimal grading
Install sediment controls along perimeter areas that receive pollutant discharges (CGP 2.2.3.).	Silt fence, fiber rolls, earth berms	Chapter 4, ESC Principle 7	Straw wattle
Minimize sediment track-out (CGP 2.2.4.)	Restrict access, stabilize exits, track-out pads, tire washing station, clean-up sediments	Chapter 4, ESC Principle 9	Stabilized construction entrance
Manage stockpiles with perimeter controls and locate away from storm water conveyances (CGP 2.2.5.)	Sediment barriers downgradient, proper location, covered stockpiles, diverting storm water from stockpiles	Chapter 4, ESC Principle 4	Straw wattle
Minimize dust (CGP 2.2.6.)	Water application, mulching, chemical dust suppression techniques		Water for dust control
Minimize steep slope disturbance (CGP 2.2.7.)	Erosion control blankets, tackifiers, protect slopes from disturbance	Chapter 4, ESC Principle 5	Minimal grading, no activities beyond L.O.D.
Preserve topsoil (CGP 2.2.8.)	Stockpile topsoil	Chapter 4, ESC Principle 1	Minimal grading, no activities beyond L.O.D.
Minimize soil compaction where final cover is vegetation (CGP 2.2.9.)	Restrict vehicle access, recondition soils before seeding		Minimal grading, no activities beyond L.O.D.
Protect storm drain inlets (CGP 2.2.10.)	Inserts, rock-filled bags, covers	Chapter 4, ESC Principle 6	N/A
Slow down runoff with erosion controls and velocity dissipation devices (CGP 2.2.11.)	Check dams, riprap	Chapter 4, ESC Principle 3	Check dams, sedimentation ponds, riprap swales

Appropriately design any sediment basins or impoundments (CGP 2.2.12.)	Design to 2-year 24-hour storm or 3,600 cubic feet per acre drained, include design specifications	Chapter 4, ESC Principle 8	Basins are designed to accommodate 10 year storms with overflows sized for 100 year
Follow requirements for any treatment chemicals (polymers, flocculants, coagulants, etc.)	Store in leak proof containers and cover, proper training, minimize use		N/A
Stabilize exposed portions of site with 14 days of inactivity (CGP 2.2.14).	Seeding, erosion control blankets, gravel, hydromulch	Chapter 9	Mulch if necessary

5.1.1: [Straw wattle](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	Before grading driveway
<i>Maintenance and Inspection:</i>	As needed, at least every 7 days
<i>Responsible Staff:</i>	Linda Kirk
<i>Design Specifications and Drawings:</i>	See detail on construction plans

5.1.2: [Sedimentation ponds and swales with riprap](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	After driveway grading
<i>Maintenance and Inspection:</i>	Monthly
<i>Responsible Staff:</i>	Linda Kirk
<i>Design Specifications and Drawings:</i>	See detail on construction plans

5.1.3: [Stabilized construction entrance](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	After driveway rough grading
<i>Maintenance and Inspection:</i>	As needed, at least every 7 days. Rip entrance when clogged
<i>Responsible Staff:</i>	Linda Kirk

<i>Design Specifications and Drawings:</i>	See detail on construction plans
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5.1.4: [Concrete washout](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	When foundations are being poured
<i>Maintenance and Inspection:</i>	As needed. Do not let overflow.
<i>Responsible Staff:</i>	Linda Kirk
<i>Design Specifications and Drawings:</i>	See detail on construction plans

5.1.5: [Portable construction toilet](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	As needed
<i>Maintenance and Inspection:</i>	As needed. Do not allow to overflow or smell
<i>Responsible Staff:</i>	Linda Kirk
<i>Design Specifications and Drawings:</i>	N/A

5.1.6: [Construction Dumpster](#)

BMP Description/Instructions:

<i>Installation Schedule:</i>	As needed
<i>Maintenance and Inspection:</i>	As needed. Do not allow to overflow or smell
<i>Responsible Staff:</i>	Linda Kirk
<i>Design Specifications and Drawings:</i>	N/A

Instructions (CGP 7.3.5.b.(2)):

- For areas where perimeter controls are not feasible on a linear construction site, include a description of why it is not feasible and other practices that will be implemented to minimize discharges of pollutants from the site.

5.2 Linear Site Perimeter Control Exemption

Check box if section not applicable to this site ([Note: If not applicable skip to next section](#))

If the site is linear and perimeter controls are not feasible, describe other practices in use:
 INSERT TEXT HERE

5.3 Final Stabilization

Instructions (CGP 7.3.5.b.(6) and 2.2.14.b.):

- Describe procedures for final stabilization. If final cover is vegetation, you must establish uniform perennial vegetation that provides 70% or more of the vegetative cover that existed prior to earth-disturbing activities. Exception: Arid, semi-arid, and drought stricken areas are required to be seeded/planted so that the before mentioned vegetative requirement is expected to be met within 3 years. Establishment of vegetation is not required, however additional erosion controls may be needed.
- You can amend or add to this section as areas of your project are finally stabilized.
- Update your site plans to indicate areas that have achieved final stabilization.

Description of final stabilization practices and schedule:

Type of stabilization (vegetation/landscaped, graveled, paved, etc.)	Location	Implementation Schedule
Vegetation/Landscaped	All disturbed areas	Fall 2022

SECTION 6: BMPS - POLLUTION PREVENTION/OPERATIONAL CONTROLS

6.1 Spill Prevention and Response

Instructions CGP Part 7.3.5.b.(7):

- Describe the spill prevention and control plan. Include ways to reduce the chance of spills, stop the source of spills, contain and clean up spills, dispose of materials contaminated by spills, and train personnel responsible for spill prevention and control.
- Some projects/site may be required to develop a Spill Prevention Control and Countermeasure (SPCC) plan under a separate regulatory program (40 CFR 112). If you are required to develop an SPCC plan, or you already have one, you should include references to the relevant requirements from your plan.
- The plan must include the materials and method of containment and for flowing liquid, cleanup, disposal and follow the minimum spill controls below.
- For more information, see *SWPPP Guide*, Chapter 5, P2 Principle 6.

Describe spill procedures and materials available for expeditious containment, clean-up and disposal of spills:

All equipment and materials will be inspected daily by on-site supervisor. Supervisor will be made aware of any leaks or spills immediately. Spills will be isolated and prevented from spreading. Absorbent material will be placed over the spill and allowed to soak in, then the area will be over-excavated, and the material will be transported to the appropriate disposal location.

Identify the employee responsible for detection and response of spills and leaks:

Linda Kirk

Any discharges in 24 hours equal to or in excess of the reportable quantities listed in 40 CFR 117, 40 CFR 110, and 40 CFR 302 will be reported to the National Response Center and the Division of Water Quality (DWQ) as soon as practical after knowledge of the spill is known to the permittees. The permittee shall submit within 14 calendar days of knowledge of the release a written description of: the release (including the type and estimate of the amount of material released), the date that such release occurred, the circumstances leading to the release, and measures taken and/or planned to be taken to the Division of Water Quality (DWQ), 288 North 1460 West, P.O. Box 144870, Salt Lake City, Utah 84114-4870. The Storm Water Pollution Prevention Plan must be modified within 14 calendar days of knowledge of the release to provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the plan must be reviewed to identify measures to prevent the reoccurrence of such releases and to respond to such releases, and the plan must be modified where appropriate.

Agency	Phone Number
National Response Center	(800) 424-8802
Division of Water Quality (DWQ) 24-Hr Reporting	(801)-231-1769 (801) 536-4123
Utah Department of Health Emergency Response	(801) 580-6681

Material	Media Released To	Reportable Quantity
Engine oil, fuel, hydraulic & brake fluid	Land	25 gallons
Paints, solvents, thinners	Land	100 lbs (13 gallons)
Engine oil, fuel, hydraulic & brake fluid	Water	Visible Sheen
Antifreeze, battery acid, gasoline, engine degreasers	Air, Land, Water	100 lbs (13 gallons)
Refrigerant	Air	1 lb

6.2 Pollution Prevention Controls

Instructions (CGP Part 2.3. and 7.3.5):

- Describe the key good housekeeping and pollution prevention (P2) BMPs that will be implemented to control pollutants in storm water (CGP Part 2.3).
- Use the below CGP requirements and the pollutant generating activities identified in SWPPP section 4.1. which were not addressed with the erosion and sediment BMPs to determine where BMPs are necessary.
- For each BMP you must provide a description of the control, any design specifications, routine maintenance specifications, a schedule for storm water control implementation/installation, and the staff responsible for maintaining the BMP.
- BMPs are listed as examples, you may use BMPs not listed.
- Details and design specifications can be provided in this section or in Appendix H.
- For more information, see *SWPPP Guide*, Chapter 5.
- Consult your state’s or local jurisdiction’s design manual or resources in Appendix D of the *SWPPP Guide*.
- For more information or ideas on BMPs, see EPA’s National Menu of BMPs
<https://www.epa.gov/npdes/national-menu-best-management-practices-bmps-stormwater#constr>

CGP Requirements	Example BMPs	EPA SWPPP Guide Section	BMPs Selected (Name and Reference Number if applicable)
Equipment and vehicle fueling (CGP 2.3.1)	Spill kits, SPCCP, drip pans, locate activities away from conveyances, use secondary containment	Chapter 5, P2 Principle 4	Offsite
Equipment and vehicle washing (CGP 2.3.2.)	Locating away from surface waters and storm water conveyances, directing wash waters to a sediment basin or sediment trap, using filtration devices	Chapter 5, P2 Principle 5	Offsite
Storage, handling, and disposal of building products and waste (CGP 2.3.3.)	Cover (plastic sheeting / temporary roofs), secondary containment, leakproof containers, proper dumpsters, secured portable toilets, locate away from storm water conveyances	Chapter 5, P2 Principle 1 and 2	Offsite
Washing of stucco, paint, concrete, form release oils, curing compounds, etc. (CGP 2.3.4.)	Leak proof containers, lined pits, locate away from storm water conveyances	Chapter 5, P2 Principle 3	Lined depression
Properly apply fertilizer (CGP 2.3.5)	Follow manufacture specifications, document deviations in applications, avoid applications to frozen ground, before heavy rains, or to storm water conveyances		N/A

SECTION 7: SPECIAL CONDITIONS

Instructions:

The conditions listed below require additional details or actions added to your SWPPP. If they do not apply you may delete them from this SWPPP.

7.1 *Emergency Related Projects*

Instructions (CGP 1.1.5):

- For emergency activities that require immediate authorization but last longer than 30 days, a SWPPP may be submitted within 30 days of starting work.
- To be an emergency related project it must be considered a public emergency and the cause must be documented along with the description of necessary construction to reestablish effected public services.

Emergency-Related Project? Yes No

7.2 *UIC Class 5 Injection Wells*

Instructions (CGP 7.3.8.):

- If you are using any of the following storm water controls at your site as they are described below, you must document any contact you have had with DWQ for implementing the requirements for underground injection wells in the Safe Drinking Water Act and DEQ's implementing regulation at UAC R317-7.
- There may be additional local requirements related to such structures
- For the State UIC Contact at DWQ call (801) 536-4300.

Check box if section not applicable to this site

Class V UIC Wells on site (all must be reported to DWQ for inventory):

- Infiltration trenches (if storm water is directed to any shaft or hole that is deeper than its widest surface dimension or has a subsurface fluid distribution system)
- Commercially manufactured pre-cast or pre-built subsurface detention vault/infiltration system
- Drywell, seepage pit, or improved sinkhole (if storm water is directed to any shaft or hole that is deeper than its widest surface dimension or has a subsurface fluid distribution system)

7.3 Chemical Treatment

Instructions (see CGP 2.2.13. and 7.3.5.b.(5)):

- If you are using treatment chemicals at your site, provide details for each of the items below. This information is required as part of the SWPPP requirements in CGP Part 7.2.9.b.

Check box if section not applicable to this site

SECTION 8: INSPECTIONS & CORRECTIVE ACTIONS

8.1 Inspections

Instructions (CGP Part 4.2-4.4.3):

- Select an inspection schedule. These are minimum frequencies, you may inspect more frequently. If so describe what your schedule would be.
- For more on this topic, see *SWPPP Guide*, Chapters 6 and 8.
- Also, see suggested inspection form in Appendix B of the *SWPPP Guide*.

Minimum Inspection Schedule Requirements:

Standard Frequency:
<input checked="" type="checkbox"/> Once every 7 calendar days.
<input type="checkbox"/> Once every 14 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater. Rain gauge/weather station used: Gauge or station for rainfall depth
Increased Frequency (if applicable):
<input type="checkbox"/> <i>Sites discharging to impaired or high quality waters:</i> Once every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater.
Decreased Frequency (if applicable):
<input type="checkbox"/> <i>Arid areas:</i> once a month and within 24 hours of a 0.5 inch storm event or greater.
<input type="checkbox"/> <i>Semi-arid areas:</i> once a month and within 24 hours of a 0.5 inch storm event or greater during the dry season: List months for dry season (also select the inspection schedule followed outside of the dry season).
<input type="checkbox"/> <i>Frozen conditions with work suspended – must have 3 months of continuous expected frozen conditions based on historical averages:</i> no inspections List months of suspended inspections (also select the inspection schedule followed when not frozen)
<input type="checkbox"/> <i>Frozen conditions with continued activities - must have 3 months of continuous expected frozen conditions based on historical averages:</i> once per month List months of frozen conditions (also select the inspection schedule followed when not frozen)
Other:
<input type="checkbox"/> Describe alternative frequency: List alternative schedule, must meet minimum requirements

Inspection Reports are filed in Appendix C

8.2 Corrective Actions

Instructions:

- A sample corrective action report is provided in Appendix D.
- Whenever a storm water control requires repair or replacement (beyond routine maintenance), a control necessary for permit compliance was never installed or was installed incorrectly, your discharges cause an exceedance of applicable water quality standards, or a prohibitive discharge has occurred, you must log corrective actions taken.
- This log should describe actions taken, date completed, whether a SWPPP modification was required.
- In some cases corrective actions may be documented on the inspection form. This is an acceptable alternative as long as corrective actions that occur outside of inspections are also documented.

Correction Action Report is filed in Appendix D.

8.3 Delegation of Authority

Instructions:

- Identify the individual(s) or specifically describe the position where the construction site operator has delegated authority for the purposes of signing inspection reports, certifications, or other information in Section 1.1 of the SWPPP.
- Each inspection report must be signed in accordance with CGP Part 9.16 of the permit.
- If a delegation letter is necessary, see Appendix E of this template and keep a signed copy with this SWPPP.
- For more on this topic, see *SWPPP Guide*, Chapter 7.

See the signed delegation of authority forms in Appendix E.

SECTION 9: RECORDKEEPING

9.1 *Recordkeeping*

Instructions (CGP 7.3.10. and 9.10.):

- The following is a list of records you must have accessible on site (electronically or paper) for inspectors to review:
 - ✓ A copy of the construction general permit (Appendix I)
 - ✓ The signed and certified NOI form or permit application form (Appendix B)
- Copies of the SWPPP and all reports required by the permit must be retained for at least three years from the date that the site is finally stabilized.
- For more on this subject, see *SWPPP Guide*, Chapter 6.C.

9.2 Log of Changes to the SWPPP

Instructions (CGP Part 7.5.3):

- Create a log here of changes and updates to the SWPPP. You should include additions of new BMPs, replacement of failed BMPs, significant changes in the activities or their timing on the project, changes in personnel, changes in inspection and maintenance procedures, updates to site maps, and so on.
- Instead of using the table, SWPPPs can also be redlined to show changes as long as the redlines are initialed and dated.

Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]

SECTION 10: CERTIFICATION

Instructions:

- The SWPPP should be signed and certified by the owner and/or the general contractor. Attach a copy of the NOI and a copy of the General Storm Water Permit for Construction Activity. You can get a copy of the General Storm Water Permit for Construction Activity on the same web page that this template was downloaded from (<http://www.waterquality.gov>).

Owner

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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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.

Name: Brittany Salaz Title: Owner

Signature:  Date: 10-6-2021

General Contractor

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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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.

Name: Linda Kirk Title: General Contractor

Signature:  Date: 10-6-2021

Utah SWPPP Template, February 2021

24

SECTION 11: SWPPP PREPARER CERTIFICATION

Instructions:

- Starting January 1, 2021: A SWPPP writer for a site greater than 5 acres, with a perennial surface water within 50 feet of the project, or with a steep slope (70% or 35 degrees or more) must hold a certification to demonstrate that they are a “qualified person” per CGP Part 7.2..

SWPPP Preparer

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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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.

Name:



Title:

Engineer

Signature:

Blayne McIntire

Date:

9/30/21

SWPPP APPENDICES

Attach the following documentation to the SWPPP:

Appendix A – Site Maps

Appendix B – NOI

Appendix C – Inspection Reports

Appendix D – Corrective Action Report

***Appendix E – Subcontractor
Certifications/Agreements/Delegation of
Authority (see CGP 9.16(1)b.)***

Appendix F – Training Logs and Certifications (see CGP 6)

***Appendix G – Additional Information (i.e., Other permits such as
dewatering, stream alteration, wetland; and out of
date swppp documents)***

Appendix H – BMP Instruction and Detail Specifications

Appendix I – Construction General Permit

Appendix A: Site Maps

Include any site maps in this appendix. For site map requirements review SWPPP section 2.5.

KIRK RESIDENCE

1421 E STATE ROAD 35
FRANCIS, UT

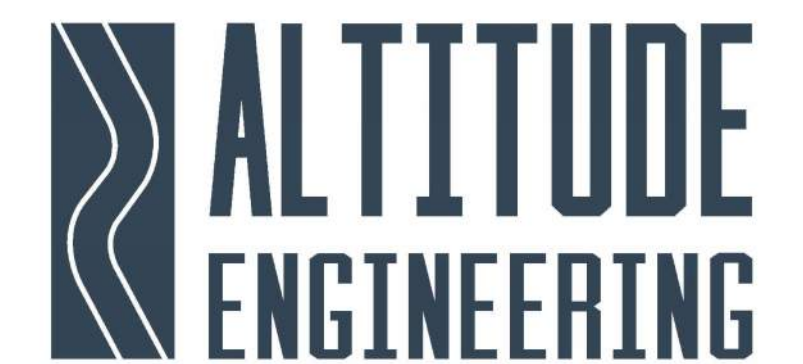
GRADING PERMIT SUBMITTAL:
09/29/2021

VICINITY MAP

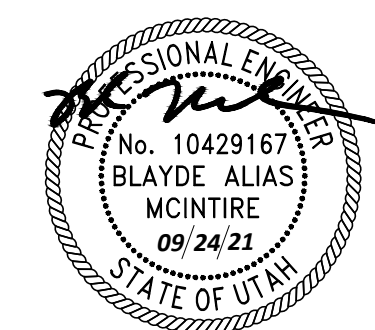


SHEET LIST		
ORDER	NO.	TITLE
0	COVER	COVER
1	C1	GENERAL NOTES
2	C2	SITE PLAN
3	C3	GRADING PLAN
4	C4	CONSTRUCTION MITIGATION PLAN
5	C5	DETAILS

CIVIL ENGINEER



PO BOX 531, HEBER CITY, UT 84032
BLAYDE.MCINTIRE@GMAIL.COM
(307) 679-8620



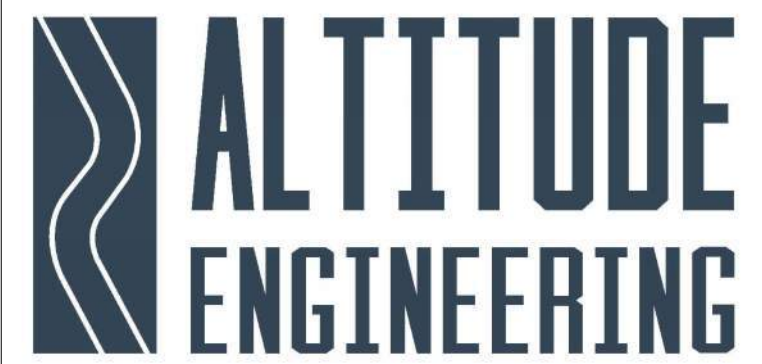
GENERAL NOTES

LEGEND

- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE SECTIONS OF APWA UTAH CHAPTER STANDARD PLANS AND SPECIFICATIONS MOST RECENT EDITION, UNLESS OTHERWISE SPECIFIED. THE PLANS AND SPECIFICATIONS PRESENTED HERE SHALL TAKE PRECEDENCE IF CONFLICTS SHOULD ARISE.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL WORK AND MATERIALS TO BE FURNISHED TO COMPLETE THE WORK WITH THEIR TRUE INTENT AND PURPOSE.
- THE CONTRACTOR SHALL NOTIFY ALTITUDE ENGINEERING, HEREAFTER DESIGNATED AS ENGINEER, IMMEDIATELY REGARDING ANY DISCREPANCIES OR CONFLICTS.
- WHERE THE PLANS AND SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT THE BEST PRACTICES AND WORKMANSHIP SHALL PREVAIL.
- THE ENGINEER WILL NOT BE HELD RESPONSIBLE OR LIABLE FOR ANY UNAUTHORIZED CHANGES OR USES TO THESE PLANS OR SPECIFICATIONS. ANY CHANGES MUST BE APPROVED IN WRITING BY THE ENGINEER AND GOVERNING JURISDICTION.
- THE CONTRACTOR SHALL MAINTAIN AN UPDATED SET OF PLANS ON SITE AT ALL TIMES. CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING AS-BUILT DRAWINGS OF ALL UNDERGROUND WORK. THE AS-BUILTS SHALL BE TIED TO EASILY DEFINED MONUMENTS OR SURFACE IMPROVEMENTS AS REQUIRED FOR ACCURACY OF AS-BUILT CONDITIONS. AT THE COMMENCEMENT OF WORK, AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER AND OWNER.
- ALL WORK PERFORMED SHALL BE GUARANTEED BY THE CONTRACTOR AND/OR HIS SURETY AGAINST ALL DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR, OR FOR THE LENGTH DESIGNATED BY THE JURISDICTIONAL AUTHORITY, WHICHEVER IS MORE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PUBLIC SAFETY AND TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH REQUIREMENTS OF THE JURISDICTIONAL AUTHORITY.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL NECESSARY PERMITS REQUIRED TO COMPLETE THE WORK INCLUDING BUT NOT LIMITED TO: UTILITY PERMITS, EXCAVATION PERMIT, RIGHT-OF-WAY PERMIT, TRAFFIC CONTROL PERMIT, STORMWATER PERMIT, DUST CONTROL PERMIT, AND NOISE PERMIT. COPIES OF ALL PERMITS SHALL BE KEPT ON SITE AND AVAILABLE AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GROUND AND SURFACE WATER CONTROL DURING CONSTRUCTION. THIS REQUIREMENT INCLUDES BUT IS NOT LIMITED TO THE CONSTRUCTION OF: UTILITIES LINES, VAULTS, MANHOLES, CATCH BASINS, EARTHWORK AND GRADING, AND ROADWORK.
- COMPACTION TESTING SHALL BE AN INTEGRAL PART OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THIRD-PARTY TESTING SERVICES. COMPACTION SHALL COMPLY WITH REQUIREMENTS OF THE JURISDICTIONAL AUTHORITY. COMPACTION SHALL INCLUDE BUT IS NOT LIMITED TO: EARTHWORK AND GRADING, TRENCH BACKFILL, ROAD BASE, AND ASPHALT PAVEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL OBSTRUCTIONS ABOVE AND BELOW GROUND AS NECESSARY TO COMPLETE THE WORK.

- CONTRACTOR SHALL NOTIFY BLUE STAKES OF UTAH A MINIMUM OF 48 HOURS IN ADVANCE PRIOR TO ANY EXCAVATION.
- CONTRACTOR SHALL ASSUME RESPONSIBILITY OF THE SITE WHILE IT IS UNDER CONSTRUCTION. CONTRACTOR SHALL KEEP THE SITE NEAT AND ORDERLY AT ALL TIMES. ADEQUATE SOLID WASTE AND TOILET FACILITIES ARE REQUIRED. ALL CONSTRUCTION ACTIVITIES SHALL TAKE PLACE WITHIN THE PROJECT LIMITS OF DISTURBANCE UNLESS OTHERWISE SPECIFIED. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.
- CONTRACTOR SHALL PHASE CONSTRUCTION WORK AS TO MINIMIZE SITE DISTURBANCE AT ALL TIMES. AREAS OF THE SITE THAT ARE NOT UNDER CONSTRUCTION SHALL BE LEFT UNDISTURBED. AREAS WHERE WORK IS COMPLETED SHALL BE STABILIZED WITHIN 14 DAYS.
- ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE REQUIRED TO POTHOLE TO CONFIRM PIPE LOCATION, SIZE, AND MATERIAL TYPE PRIOR TO ORDERING MATERIALS AND PRIOR TO CONSTRUCTION.
- DATA SHOWN ON THE PLANS HAS BEEN GATHERED FROM MULTIPLE SOURCES WITH VARYING RELIABILITY. ENGINEER DOES NOT GUARANTEE THEIR ACCURACY.
- SURVEY AND TOPOGRAPHIC DATA HAVE BEEN GATHERED IN THE FIELD AND ARE ONLY AS ACCURATE AS SITE CONDITIONS ALLOWED AT THE TIME OF THE SURVEY. SURVEY DATA SHALL BE THE SOLE RESPONSIBILITY OF THE SURVEYOR OF RECORD. AS SUCH, ALTITUDE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OF SURVEY DATA.
- THE ENGINEER WILL SET CONTROL POINTS FOR THE PROJECT THAT ARE CRITICAL TO THE CONSTRUCTION STAKING. THESE CONTROL POINTS SHALL BE AGREED UPON IN A PRE-CONSTRUCTION MEETING. CONTRACTOR SHALL TAKE CARE TO NOT DISTURB THESE CONTROL POINTS DURING CONSTRUCTION. IF IT BECOMES NECESSARY TO REMOVE A CONTROL POINT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS IN ADVANCE SO THAT THE CONTROL POINT CAN BE REPLACED.
- THE CONTRACTOR IS RESPONSIBLE FOR FURNISHING CONSTRUCTION STAKING, COORDINATING WITH THE SURVEYOR AND ENGINEER, AND MAINTAINING CONSTRUCTION STAKES.
- PRIOR TO CONSTRUCTION THE CONTRACTOR WILL PROVIDE A CONSTRUCTION SCHEDULE TO THE OWNER AND ENGINEER. AS CHANGES OCCUR, THE CONTRACTOR MUST INFORM THE OWNER AND ENGINEER.

---	EXISTING MINOR CONTOUR
----- 7000 -----	EXISTING MAJOR CONTOUR
-----	PROPOSED MINOR CONTOUR
----- 7000 -----	PROPOSED MAJOR CONTOUR
-----	PROPERTY LINE
-----	FENCE
-----	ROAD CENTERLINE
----- COMM -----	EXISTING COMMUNICATIONS
----- EG -----	EXISTING GAS
----- IRR -----	EXISTING IRRIGATION
----- EP -----	EXISTING POWER
----- ESD -----	EXISTING STORM DRAIN
----- ESS -----	EXISTING SEWER
----- EW -----	EXISTING WATER
----- COMM -----	PROPOSED COMMUNICATIONS
----- G -----	PROPOSED GAS
----- IRR -----	PROPOSED IRRIGATION
----- P -----	PROPOSED POWER
----- SD -----	PROPOSED STORM DRAIN
----- SS -----	PROPOSED SEWER
----- W -----	PROPOSED WATER
	CONCRETE
	ASPHALT
	GRAVEL/UNTREATED BASE COURSE
	EARTH
	WATER VALVE
	WATER METER
	FIRE HYDRANT
	UTILITY POLE
	STORM DRAIN MANHOLE
	STORM DRAIN CATCH BASIN
	SEWER MANHOLE



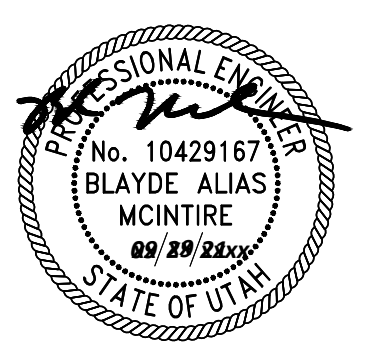
PO BOX 531, HEBER CITY, UT 84032
 BLAYDE.MCINTIRE@GMAIL.COM
 (307) 679-8620

KIRK RESIDENCE
 1421 E STATE ROAD 35
 FOR: LINDA KIRK
 GENERAL NOTES

SHEET #: C1

DATE: 09/29/2021

PROJECT #: 21-0802



REV#:	DATE:	DESCRIPTION:



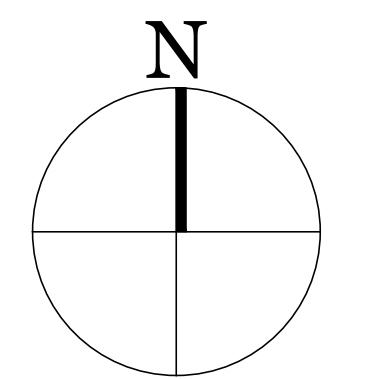
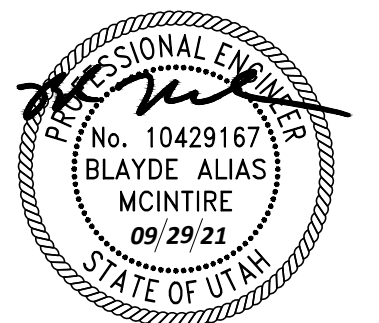
KIRK RESIDENCE
1421 E STATE ROAD 35, FRANCIS, UT
FOR: LINDA KIRK

SITE PLAN

SHEET #: C2

DATE: 09/29/2021

PROJECT #: 21-0802



REV#:	DATE:	DESCRIPTION:

Know what's below.
Call **811** before you dig.



KIRK RESIDENCE
1421 E. STATE ROAD 35
FRANCIS, UT
5.89 ACRES

591 LF DRIVEWAY. 3" ASPHALT ON 8" UBC DRIVEWAY ONLY TO BE ROUGH GRADED FOR GRADING PERMIT.

FUTURE HOME LOCATION SHOWN FOR REFERENCE ONLY

FUTURE GREENHOUSE LOCATION SHOWN FOR REFERENCE ONLY

PROPOSED WELL LOCATION

FIRE TRUCK TURNAROUND

BOULDER RETAINING WALL (TYP.)

FRANCIS CEMETERY

BLUFFS DRIVE

STATE ROAD 35

PROPERTY LINE

25' FRONT SETBACK

12' SIDE SETBACK

PROPERTY LINE

PROPERTY LINE

12' REAR SETBACK

60' SIDE SETBACK DUE TO ROAD

PROPERTY LINE

25' FRONT SETBACK

15'

60'

40'

R20'

12'

R16'

15'

R16'

R26'

75'

R26'

24'

70'

R23'

60'

40'

R20'

12'

R23'

60'

40'

R20'

12'

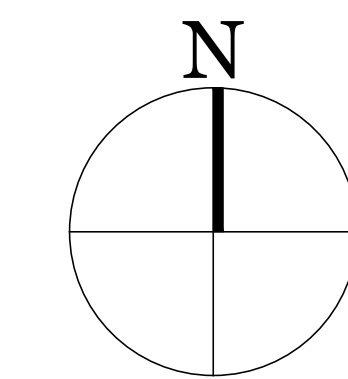
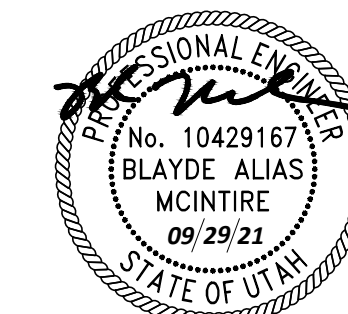
R23'

60'

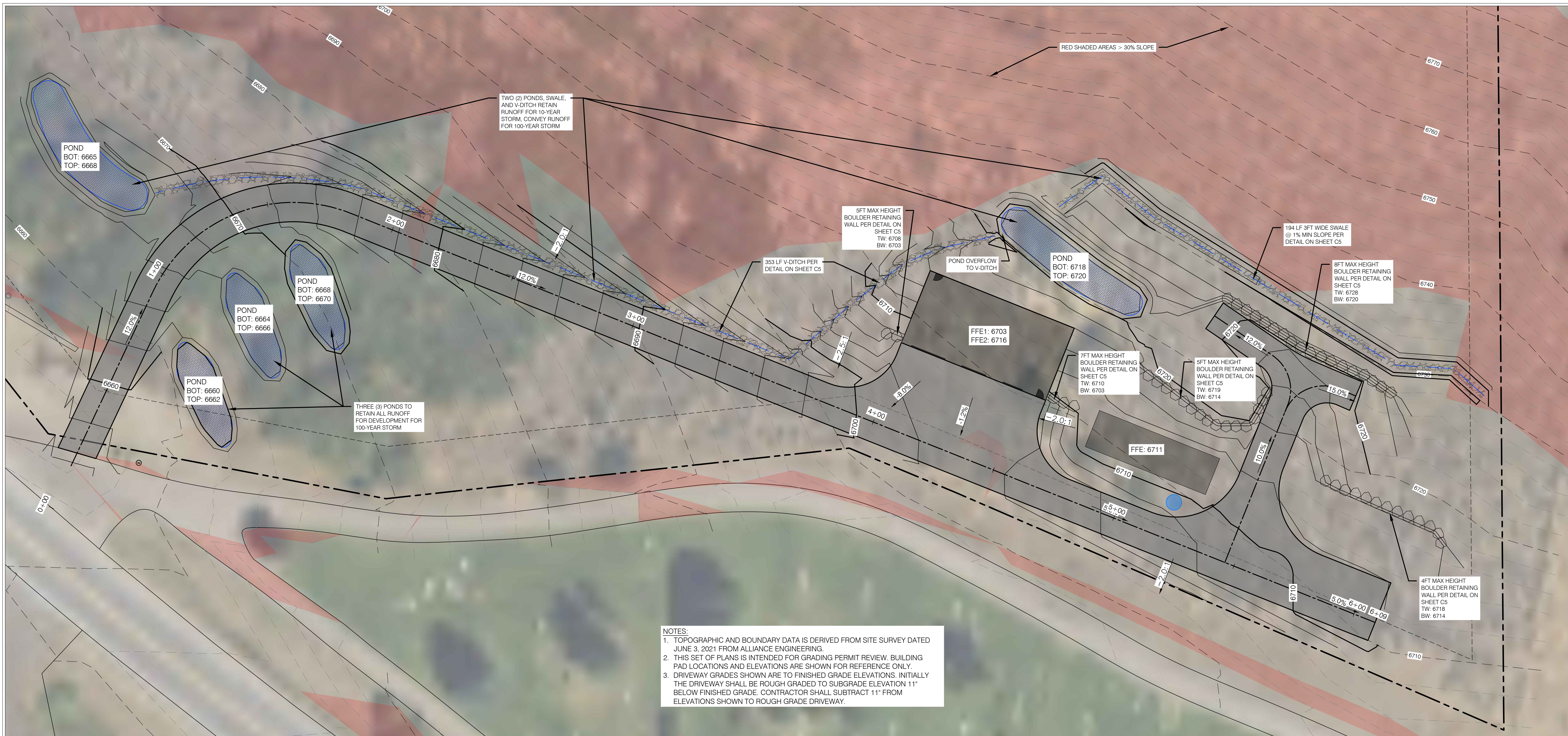
40'

R20'

12'

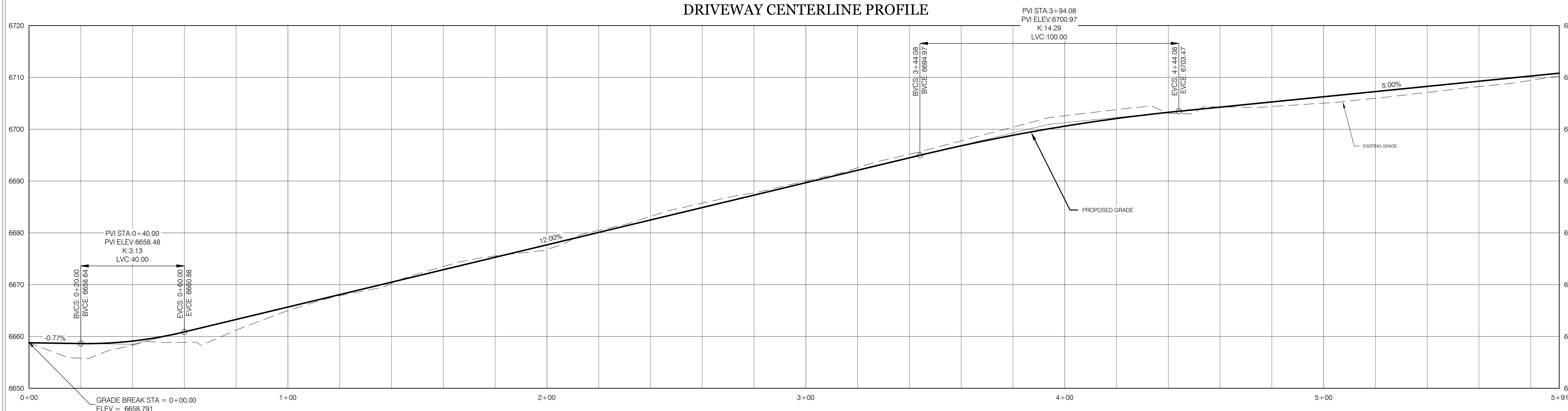


REV#:	DATE:	DESCRIPTION:



NOTES:
 1. TOPOGRAPHIC AND BOUNDARY DATA IS DERIVED FROM SITE SURVEY DATED JUNE 3, 2021 FROM ALLIANCE ENGINEERING.
 2. THIS SET OF PLANS IS INTENDED FOR GRADING PERMIT REVIEW. BUILDING PAD LOCATIONS AND ELEVATIONS ARE SHOWN FOR REFERENCE ONLY.
 3. DRIVEWAY GRADES SHOWN ARE TO FINISHED GRADE ELEVATIONS. INITIALLY THE DRIVEWAY SHALL BE ROUGH GRADED TO SUBGRADE ELEVATION 11" BELOW FINISHED GRADE. CONTRACTOR SHALL SUBTRACT 11" FROM ELEVATIONS SHOWN TO ROUGH GRADE DRIVEWAY.

DRIVEWAY CENTERLINE PROFILE



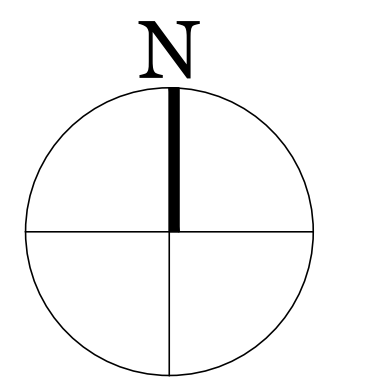
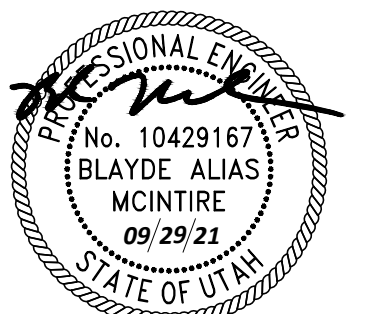
KIRK RESIDENCE
1421 E STATE ROAD 35, FRANCIS, UT
FOR: LINDA KIRK

CONSTRUCTION MITIGATION PLAN

SHEET #: C4

DATE: 09/29/2021

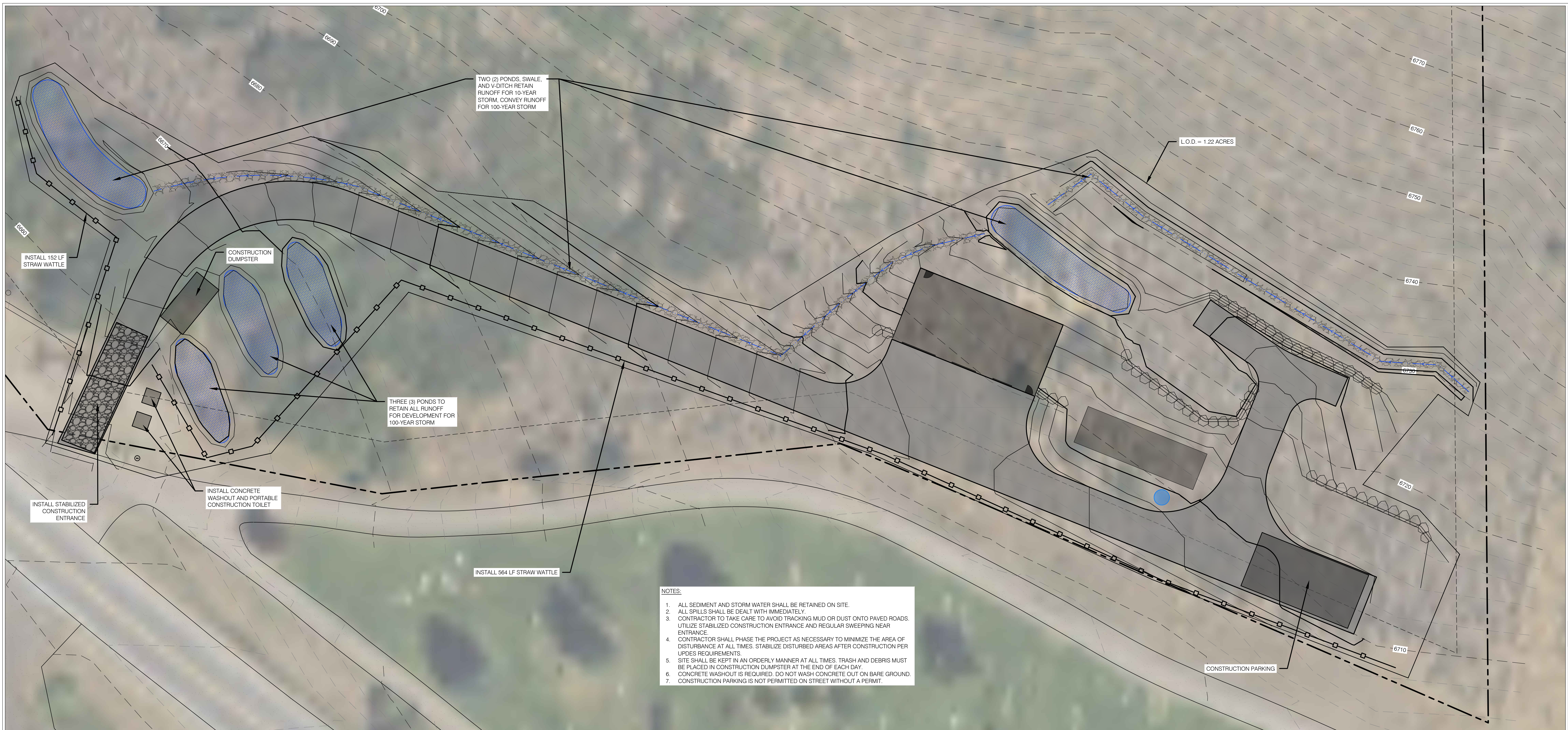
PROJECT #: 21-0802



REV#: DATE: DESCRIPTION:

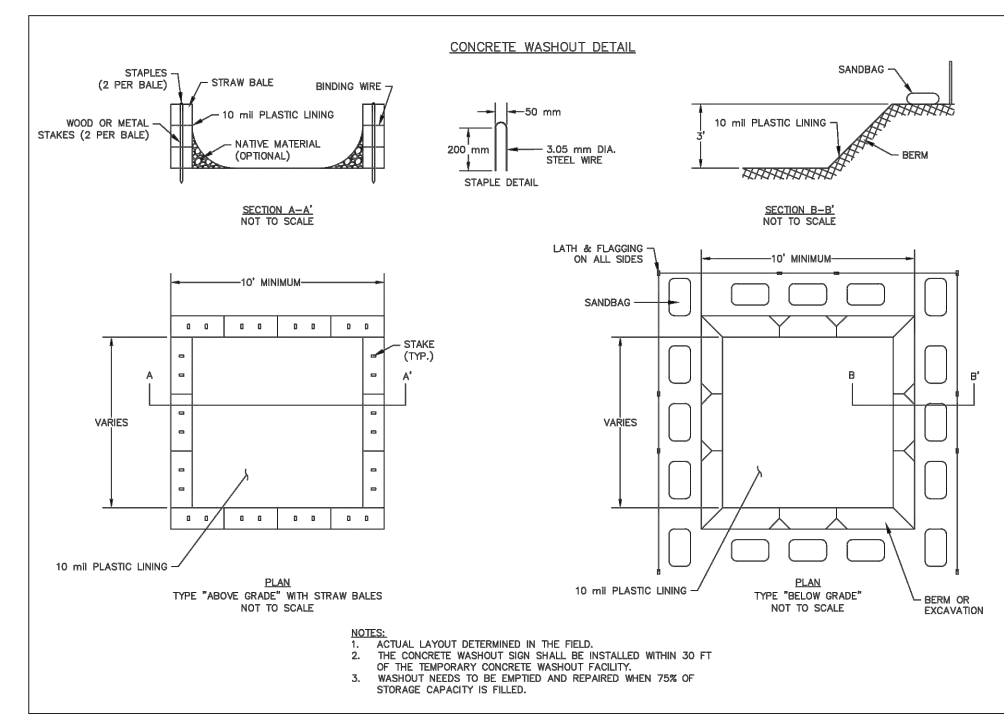
Know what's below.
Call 811 before you dig.

Blue Stakes of Utah
UTILITY NOTIFICATION CENTER, INC.
www.bluestakes.org
1-800-662-4111

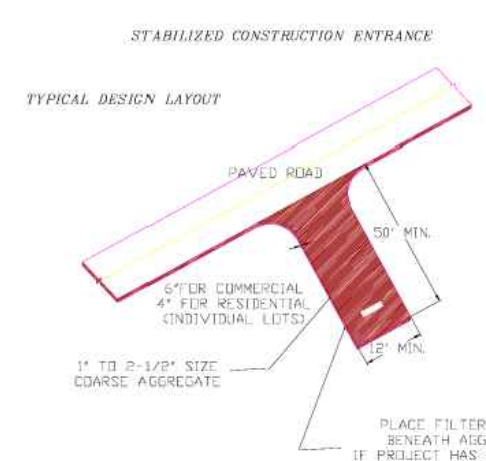


- NOTES:**
1. ALL SEDIMENT AND STORM WATER SHALL BE RETAINED ON SITE.
 2. ALL SPILLS SHALL BE DEALT WITH IMMEDIATELY.
 3. CONTRACTOR TO TAKE CARE TO AVOID TRACKING MUD OR DUST ONTO PAVED ROADS. UTILIZE STABILIZED CONSTRUCTION ENTRANCE AND REGULAR SWEEPING NEAR ENTRANCE.
 4. CONTRACTOR SHALL PHASE THE PROJECT AS NECESSARY TO MINIMIZE THE AREA OF DISTURBANCE AT ALL TIMES. STABILIZE DISTURBED AREAS AFTER CONSTRUCTION PER UPDES REQUIREMENTS.
 5. SITE SHALL BE KEPT IN AN ORDERLY MANNER AT ALL TIMES. TRASH AND DEBRIS MUST BE PLACED IN CONSTRUCTION DUMPSTER AT THE END OF EACH DAY.
 6. CONCRETE WASHOUT IS REQUIRED. DO NOT WASH CONCRETE OUT ON BARE GROUND.
 7. CONSTRUCTION PARKING IS NOT PERMITTED ON STREET WITHOUT A PERMIT.

- Construction Mitigation Plan Notes**
- Show location for dumpster, portable toilets, materials storage, parking
 - Construction parking/traffic may not block the street without a permit (available from the Engineering Division)
 - Mud tracked out onto the street must be cleaned prior to the end of the work day
 - The construction site must be maintained in a neat manner. Trash and other debris may not accumulate outside the dumpster.
 - Roadside parking is not allowed from November 1st to April 1st

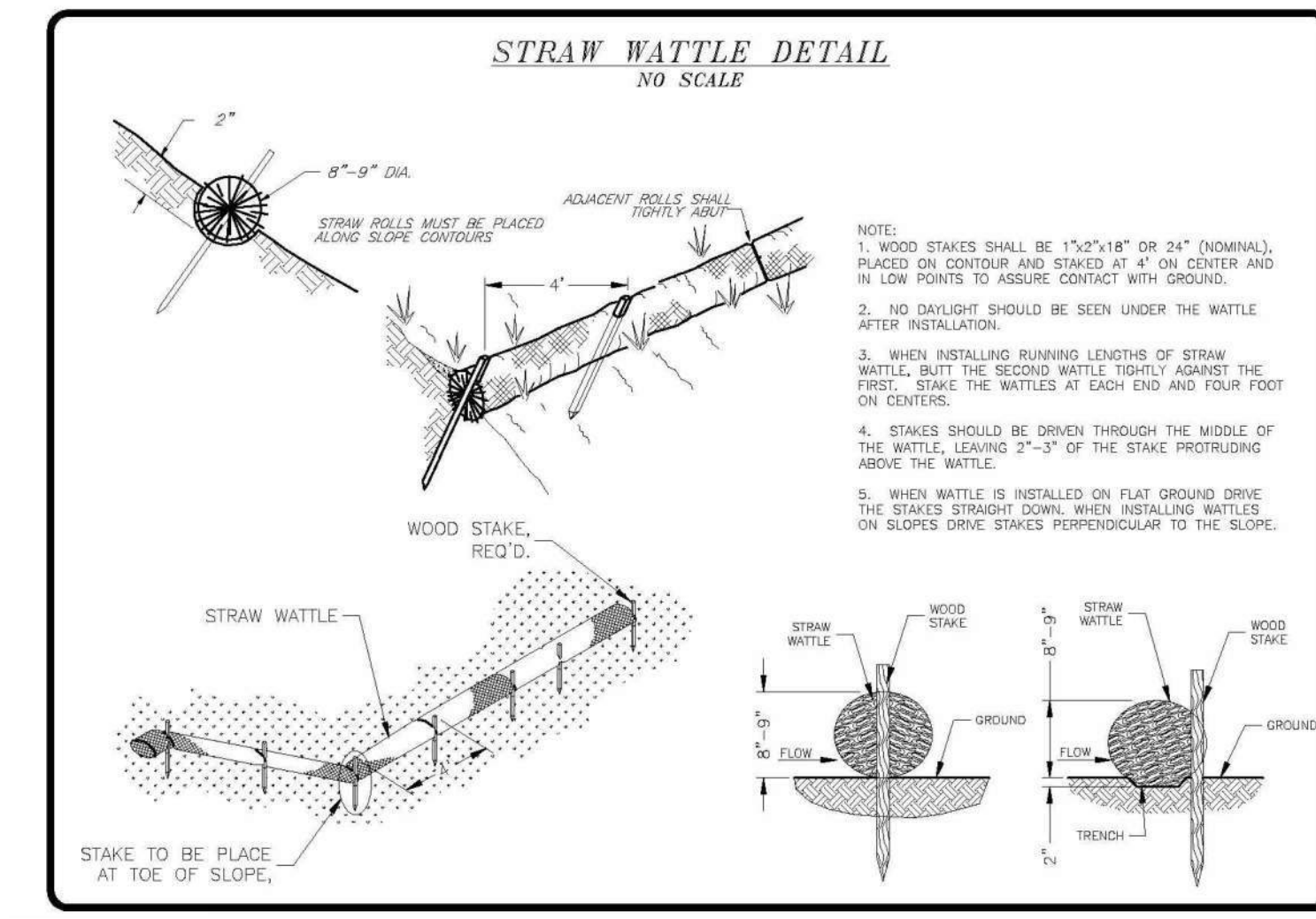


Inspection	Description/Requirements	Contact
Driveway Site Marking	Required prior to issuance of a building permit. Locals shall mark the driveway at the street and at the road right of way property line and locate/identify all property corners with a first class survey.	Engineering
Rough Grading	Required prior to scheduling a footing inspection. Site Erosion Control measures must be installed and driveway must be roughly graded according to plan.	Engineering
Footing	Schedule after steel is in place and before the concrete is poured.	Building
Foundation	Schedule after steel is in place in the forms and before concrete is placed.	Building
Under Slab Plumbing & Heating	Before concrete is poured or plumbing has been back filled.	Building
Foundation of Elevation and/or Slab	Performed by a licensed surveyor. Required prior to scheduling a floor framing inspection. See requirements below.	Building
Floor Framing Inspection	Required prior to placing floor sheathing and includes Footing, Drain inspection.	Building
Shear Wall	After the building is up to "the square" and all shear walls have been marked and all tie bars, doors and shear wall connections have been installed.	Building
Fire Separation	Required prior to fire-way inspection, when required by the local fire district.	Building
Fire-Way	This inspection is performed after all rough electrical, plumbing, and mechanical has been installed. All framing is complete, shear walls previously inspected, and trim specifications are on the job for the inspector to mark. Plumbing shall have other an air or water pressure test on them when the respective parties.	Building
Weather Barrier/Sheets Lath	Weather barrier shall be inspected prior to applying exterior. Approved since I.C.C. research reports on site.	Building
San Manhole	Required before gas meter clearance is given to Gasco.	Building
Masonry wall/bond beam	Start in morning and before construction is started.	Building
Insulation	Pre Sheetrock installation certificate required.	Building
Drywall Nailing	This is done before drywall is taped.	Building
Roof to Final	Building must be up with permanent roof installed.	Building
Driveway pre-surfacing	Site Erosion Control measures must be installed and driveway graded to its final configuration.	Engineering
Final Driveway and Site Inspection	Required prior to Certificate of Occupancy and/or Final Release. Driveway must be marked and site must be inspected (inspections may be scheduled separately). At the site is not investigated, the erosion control measures must be installed and final configuration.	Engineering
Flood Plain Elevation Certificate	FEMA Elevation Certificate of applicable required prior to Certificate of Occupancy. Forms must be filed with FEMA, and a copy provided to the Engineering Department.	Engineering
Final	All work is DONE and building complete. Final clearance from the water utility district for sewer, County Health Department for septic, and fire district for fire alarm system must be on the project for this inspection. Required for Certificate of Occupancy.	Building
Certificate of Occupancy	Required prior to anyone occupying the structure. A Certificate of Occupancy will be issued once the final clearance has been obtained by the builder and brought to the Building Department's office in Cooville.	Building
ICP Final Release Inspection	Required to verify that the site has been fully stabilized/vegetated. Inspection is required prior to applicant receiving a release of their Erosion Control Bond. Applicant must provide a written request for the release of the bond.	Engineering



- INSTALLATION:**
1. Install at any point of ingress or egress at a construction site where adjacent traveled way is paved.
 2. Clear and grub area and grade to provide slope shown for driveway, or access/intersection. If adjacent to waterway, use a maximum slope of 2%.
 3. Compact subgrade and place filter fabric if required.
 4. Place coarse aggregate, 1 to 2 1/2 inches size, to a minimum depth of 6 inches for commercial projects, and 4 inches for residential projects.

- MAINTENANCE:**
1. Inspect daily for loss of gravel or sediment buildup.
 2. Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
 3. Repair entrance and replace wattle as required to maintain control in good working condition.
 4. Expand stabilized area as required to accommodate traffic, and off site street parking and prevent erosion at driveway.



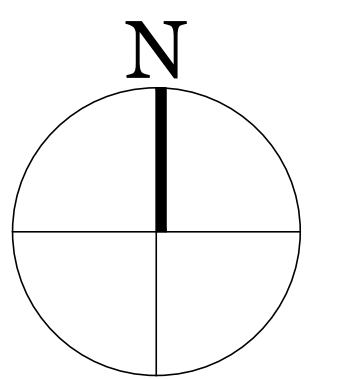
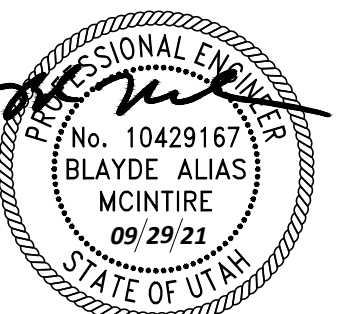
KIRK RESIDENCE
 1421 E STATE ROAD 35, FRANCIS, UT
 FOR: LINDA KIRK

DETAILS

SHEET #: C5

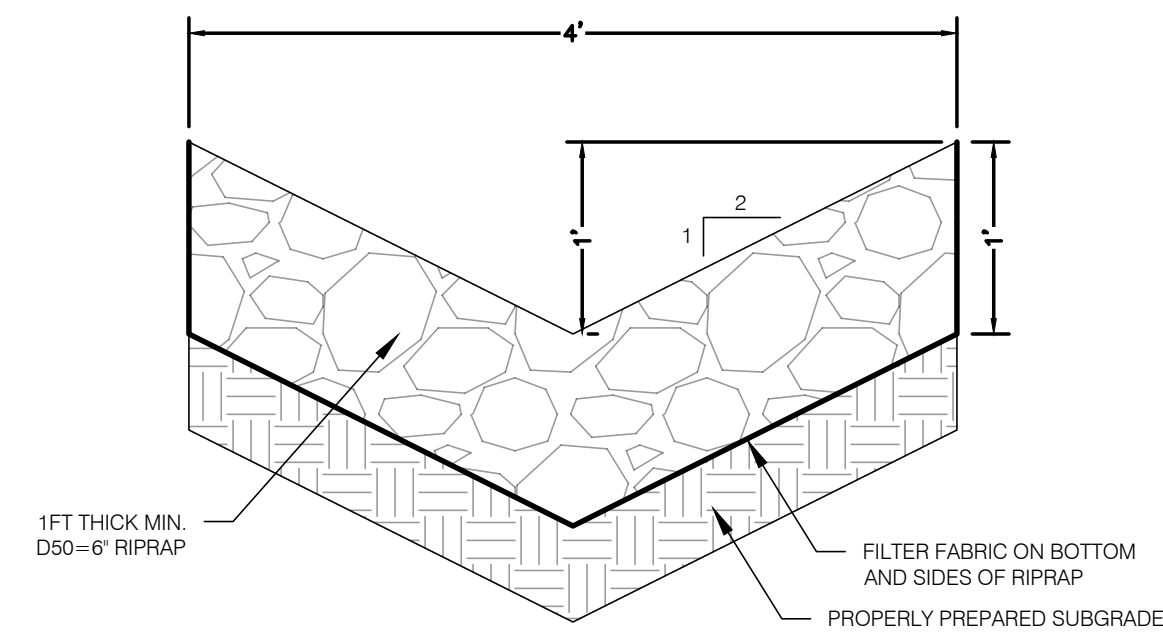
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PROJECT #: 21-0802

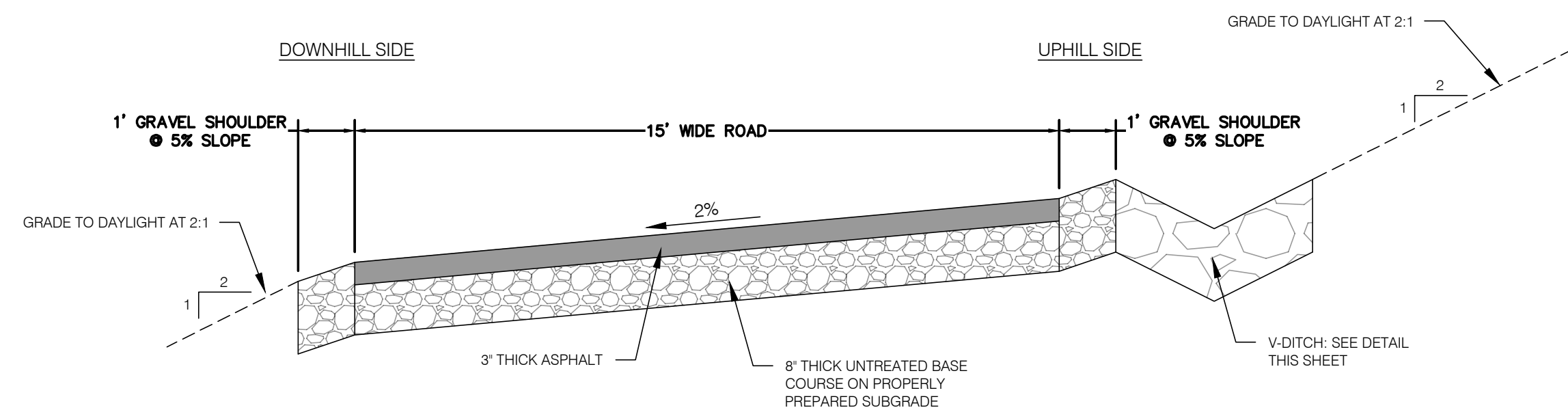


REV#: DATE: DESCRIPTION:

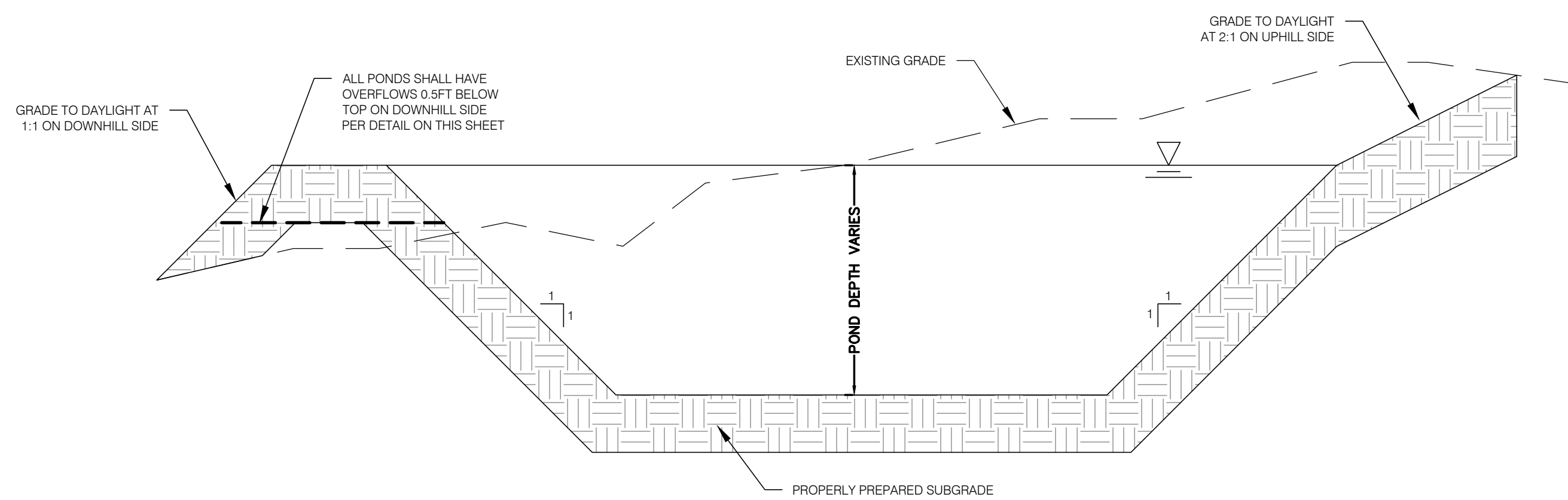
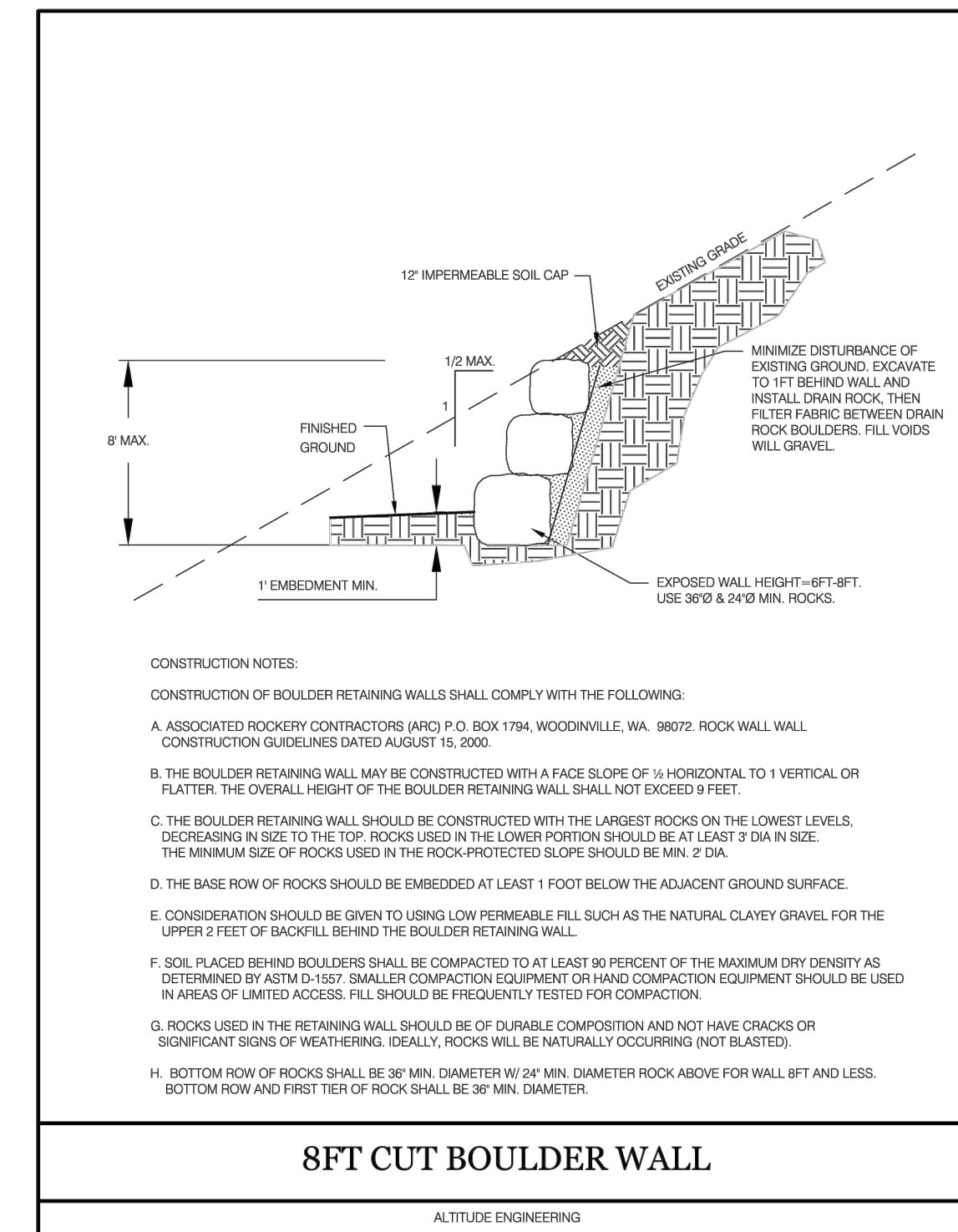
REV#	DATE	DESCRIPTION



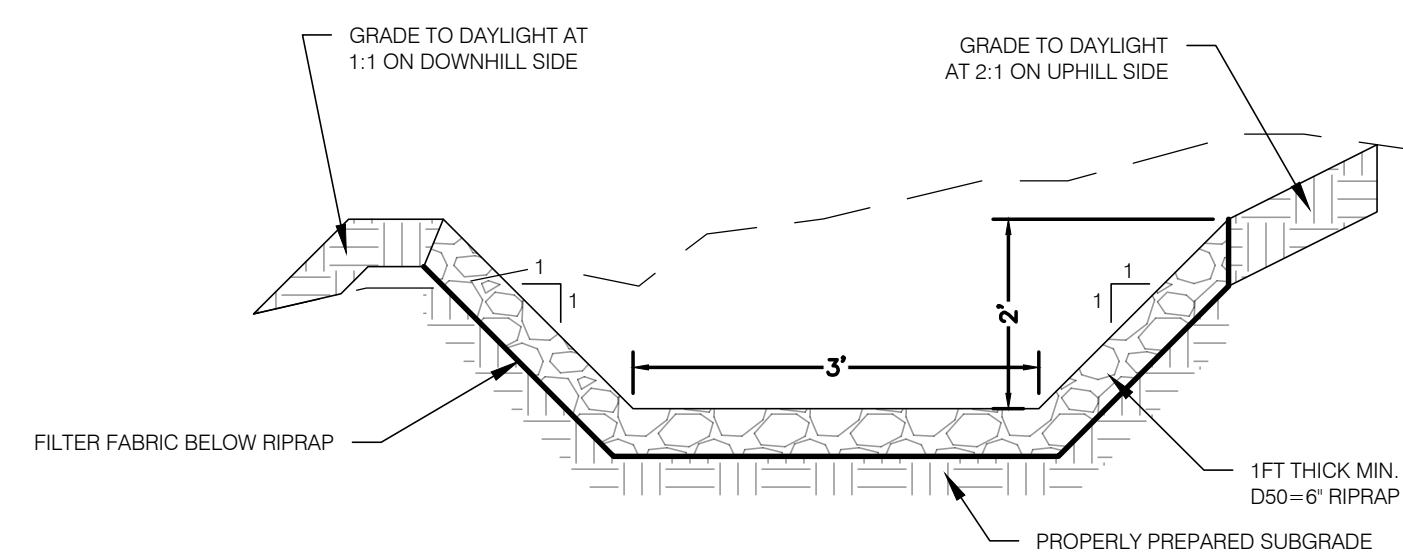
V-DITCH DETAIL
 N.T.S.



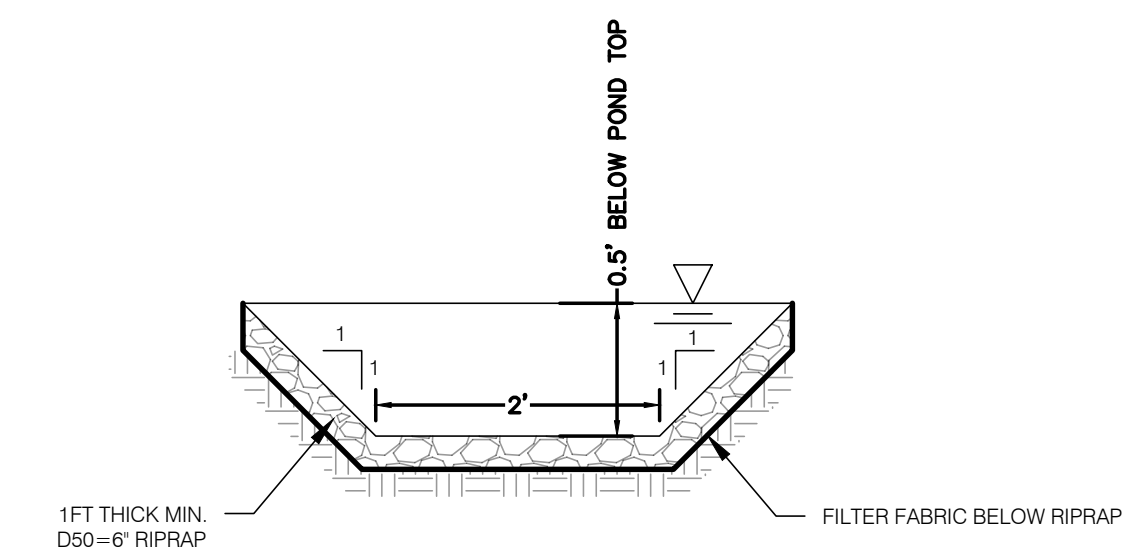
ROAD CROSS SECTION
 N.T.S.



POND DETAIL
 N.T.S.



SWALE DETAIL
 N.T.S.



POND OVERFLOW DETAIL
 N.T.S.

Appendix B: NOI

Include a copy of your NOI in this appendix. The NOI must be signed.



Notice of Intent (NOI) for Storm Water Discharges Associated with Construction
Activity Under the Construction General Permit (CGP) UPDES General Permit
No. UTRC00000

NOI

Permit Information

Master Permit Number: UTRC00000

UPDES ID: UTRC03597

State/Territory to which your project/site is discharging: UT

Is your project/site located on federally recognized Indian Country Lands? No

Which type of form would you like to submit? Notice of Intent (NOI)

Have stormwater discharges from your project/site been covered previously under an UPDES permit? No

Has a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? Yes

Owner/Operator Information

Owner Information

Owner: Linda Kirk

Status of Owner: Private

Owner Mailing Address:

Address Line 1: 912 W Village Bend Lane

Address Line 2:

City: Midvale

ZIP/Postal Code: 84047

State: UT

Owner Point of Contact Information

First Name Middle Initial Last Name: Linda . Kirk

Title: Owner

Phone: 801-803-1436

Ext.:

Email: lindakirkhomes@gmail.com

Operator Information

Is the Operator Information the same as the Owner Information? Yes

NOI Preparer Information


This NOI is being prepared by someone other than the certifier.

First Name Middle Initial Last Name: Blayde . McIntire

Organization: Altitude Engineering

Phone: (307) 679-8620 Ext.:

Email: blayde.mcintire@gmail.com

Project/Site Information 

Project/Site Name: Kirk Residence

Project Number:

Project/Site Address

Address Line 1: 1421 E SR 35

Address Line 2: City: Francis

ZIP/Postal Code: 84036 State: UT

County or Similar Division: Summit

Have you submitted a Fugitive Dust Control Plan to UT Division of Air Quality? No

Latitude/Longitude for the Project/Site

Coordinate System: Decimal Degrees

Latitude/Longitude: 40.605012°N, 111.252567°W

Estimated Project Start Date: 10/11/2021 Estimated Project End Date: 05/31/2023 Total Area of Plot (in Acres): 5.89

Estimated Area to be Disturbed (in Acres):

1.22

Proposed Best Management Practices

Silt Fence/Straw Wattle/Perimeter Controls

Sediment Pond

Structural Controls (Berms, Ditches, etc.)

Proposed Good Housekeeping Practices

Sanitary/Portable Toilet

Washout Areas

Garbage/Waste Disposal

Track Out Controls

Spill Control Measures

Site Construction Types

Residential

Site Activity Information

Municipal Separate Storm Sewer System (MS4) Operator Name: Summit County (Unincorporated Areas)

Receiving Water Body: Provo River

➔ This is known

What is the estimated distance to the nearest water body? 1.36

Unit: Miles

Is the receiving water designated as impaired? Yes

Will any part of the project area be located within 50 feet of any Water of the State? No

Does this project site have any other UPDES permits? No

Subdivision Information

Is this project involved in the development of a subdivision? No

Certification Information

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 gathered and evaluated the information submitted. Based on my inquiry of the person or 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 have no personal knowledge that the information submitted is other than 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Linda A. Kirk

Certifier Title: Owner

Certifier Email: lindakirkhomes@gmail.com

Certified On: 09/30/2021 2:05 PM ET

Appendix C: Inspection Reports

Place all completed inspection reports in this appendix. You may also put blank inspection reports here to be completed.

You are encouraged to create your own inspection forms for each site. Inspection reports must have the following information:

- 1) The inspection date.
- 2) The UPDES ID number (UTRXXXXX).
- 3) Name and title of personnel making the inspections.
- 4) Summary of inspection findings and any necessary corrective actions:
 - a. Are storm water controls properly installed and operational? If failed then why?
 - b. Presence of any conditions that could lead to spills or leaks.
 - c. Locations where new or modified controls are necessary.
 - d. Signs of visible erosion or sediment depositing related to your discharges.
 - e. Any incidents of noncompliance.
 - f. Visual quality of any discharges occurring.
- 5) Rainfall amount if the inspection was triggered by a precipitation event.
- 6) If it was unsafe to inspect any areas of the site, a description of the area and reason.

Appendix D: Corrective Action Report

An example corrective action report has been included in this appendix. Review SWPPP section 8.2 for corrective action requirements. You can also create your own form or include corrective actions on your inspection form.

Appendix D – *Sample* Corrective Action Report

Inspection Date	Inspector Name(s)	Description of BMP Deficiency	Corrective Action Needed (including planned date/responsible person)	Date Action Taken/Responsible person

Appendix E: Subcontractor Certifications/Agreements/Delegation of Authority (CGP 9.16.(1)b.)

A sample subcontractor agreement form and delegation of authority form have been included in this appendix. If these are used, keep complete signed forms here.

SUBCONTRACTOR CERTIFICATION
STORM WATER POLLUTION PREVENTION PLAN

Project Number: _____

Project Title: _____

Operator(s): _____

As a subcontractor, you are required to comply with the Storm water Pollution Prevention Plan (SWPPP) for any work that you perform on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. You are encouraged to advise each of your employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at request.

Each subcontractor engaged in activities at the construction site that could impact storm water must be identified and sign the following certification statement:

I certify under the penalty of law that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.

This certification is hereby signed in reference to the above named project:

Company: _____

Address: _____

Telephone Number: _____

Type of construction service to be provided: _____

Signature: _____

Title: _____

Date: _____

Delegation of Authority

I, _____, hereby designate the person or specifically described position below to be a duly authorized representative for the purpose of overseeing compliance with environmental requirements, including the UPDES "General Permit for Storm Water Discharges Associated with Construction Activity" (CGP), at the construction site:

_____, Permit No. UTR _____

The designee is authorized to sign all reports required by the Permit and other information requested by the Director of the Utah Division of Water Quality, or by an authorized representative of the Executive Secretary.

Name of Person or Position: _____

Owner/Operator: _____

Mailing Address: _____

City, State, Zip Code: _____

Phone Number: _____

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in Part 9.16 of the CGP, and that the designee above meets the definition of a "duly authorized representative" as set forth in Part 9.16.b. of the CGP.

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 person or 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.

Name: _____

Title: _____

Signature: _____

Date: _____

Appendix F: Training Logs and Certifications (see CGP 6)

A sample training log has been included in this appendix to keep track of trainings that have been provided. At a minimum, storm water team members that require training should be provided with the following if it relates to their duties (CGP Part 6.3.):

- The permit deadlines associated with installation, maintenance, and removal of storm water controls and with stabilization;
- The location of all storm water controls on the site required by this permit and how they are to be maintained;
- The proper procedures to follow with respect to the permit's pollution prevention requirements; and
- When and how to conduct inspections, record applicable findings, and take corrective actions

Certifications for SWPPP inspectors or writers can also be placed in this appendix.

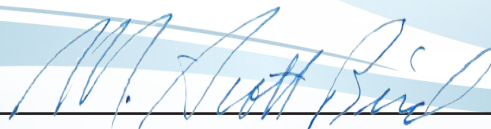
Certified

under the direction of
The Utah Chapter of the American Public Works Association
and the
Utah Storm Water Committee
in coordination with the
State of Utah Department of Environmental Quality, Division of Water Quality

Blayde McIntire

has passed the competency examination, and met all further requirements,
to qualify as a

Registered Storm Water Inspector



M. Scott Bird, USWAC Chair

Nov 10, 2022

Expires

Appendix F – *Sample* SWPPP Training Log

Storm Water Pollution Prevention Training Log

Project Name:

Project Location:

Instructor's Name(s):

Instructor's Title(s):

Course Location: _____ Date: _____

Course Length (hours): _____

Storm Water Training Topic: *(check as appropriate)*

- Erosion Control BMPs Emergency Procedures
 Sediment Control BMPs Good Housekeeping BMPs
 Non-Storm Water BMPs

Specific Training Objective: _____

Attendee Roster: *(attach additional pages as necessary)*

No.	Name of Attendee	Company
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Appendix G: Additional Information

Use this appendix for additional information such as other permits (dewatering, stream alteration, etc.) or out of date SWPPP documents.

Appendix H: BMP Instruction and Detail Specifications

Use this appendix if complete BMP specifications are not provided in Section 5 or 6 of the SWPPP.

Appendix I: Construction General Permit

If all storm water team members access the CGP via the internet while on site the following link to access the Construction General Permit is sufficient:

<http://construction.stormwater.utah.gov>

Otherwise, include a printed out copy of the Construction General Permit in this appendix.