

(This SWPPP Template is for the **Common Plan** Permit Only, and  
does **NOT** address SWPPP requirements found in the CGP.)

## **Common Plan SWPPP for** **Willer Burchardi Residence**

**Project Address: 8 Red Cloud Trail (Lot 3 Red Cloud)**  
**Park City, UT 84098**

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### **McNulty Construction Company**

**1526 W. Ute Blvd. Ste. 206**  
**Park City, UT 84098**

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**NOI Permit Number UTRH04997**

**April 6, 2022**



## 1. Project Information

Project Name: [Willer Burchardi Residence](#)

Project Address: [8 Red Cloud Trail \(Lot 3 Red Cloud\)](#)      [Park City, UT 84098](#)

General Contractor: [McNulty Construction Company](#)

Contact Person: Mike McNulty

Address: [1526 W. Ute Blvd. Ste. 206](#)      [Park City, UT 84098](#)

Telephone Number: [435-659-9765](#)

Email Address: [mike@mmconst.com](mailto:mike@mmconst.com)

Answering “yes” to the question below means the project is not eligible for this permit.

**Is the project in Indian Country?**      Yes       No

Answering “no” to the question below means the project is not eligible for this permit.

**Is the project a residential building on a single lot and disturbing one acre or less?**      Yes       No

## 2. Pollution Sources/Best Management Practices

Answer yes or no whether the following features are located at your site. If yes, select the BMP(s) that will be used to protect each feature. If no, continue to the next question. Attach necessary illustrated details for proper installation in Appendix G, and show locations of all controls on Site Map in Appendix A.

- 2.1 Is there a SWPPP sign on site?** (see permit part 1.10)      Yes       Required
- The sign must include the UPDES tracking number, the owner or general contractor name, phone number and email, and if the SWPPP is on-line, instructions on how to view it. The size requirement is to be readable from a publicly accessible point.*
- 2.2 Will there be construction dewatering on the site?** (see permit part 2.7)      Yes       No
- BMP(s):**     Dewatering of the construction area is needed and a separate dewatering permit has been obtained to treat and discharge water. *Construction Dewatering (if discharged offsite) must be covered by UPDES Permit UTG070000.*
- Water from the dewatering of the construction area will be infiltrated on site.
- 2.3 Will there be non-storm water discharges on the site?** (see permit part 1.3)      Yes       No
- Allowable discharges include: Flushing of drinking water or irrigation water (not including wash or cleaning waters), water used for dust control, spring water or groundwater not exposed to construction activities, water from emergency fire-fighting activities, and water from foot drains not exposed to construction activities. (see permit part 2.4.5 & 2.9).*
- Please list all anticipated non-storm water discharges:** [Click here to enter text.](#)
- What will you do to manage the non-storm water discharges?** *Please list direct discharges, contained non-storm water discharges, and discharges that are treated separately.*
- BMP(s):**     All non-storm water discharges are listed as allowable per permit part 1.3 and discharged

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- All non-storm water discharges that are not allowed are properly contained (see questions 2.12 and 2.16)
- All non-storm water discharges that are contaminated with sediment only (free of chemicals, oils, etc.) will be treated in a sediment basin or equivalent (see permit part 2.8.1).
- Other: [Click here to enter text.](#)

**2.4 Is it possible for the total area of disturbance to be phased, minimizing the total exposure of disturbed soil at one time?** (see permit part 2.3.1) Yes  No

*If disturbance can be minimized please show the locations on the site map and summarize (here) where disturbances will be delayed for some of the disturbed area: [Click here to enter text.](#)*

**2.5 What perimeter controls will be used to prevent sediment from leaving the site?** (permit part 2.1.2 & 2.3)

- BMP(s):**
- |   |   |
|---|---|
| <input type="checkbox"/> Silt Fence                                       | <input type="checkbox"/> Berms            |
| <input checked="" type="checkbox"/> Vegetative Buffer                     | <input type="checkbox"/> Cut-Back-Curb    |
| <input checked="" type="checkbox"/> Staked straw Wattles (Fiber Rolls)    | <input type="checkbox"/> Weighted Wattles |
| <input type="checkbox"/> Other: <a href="#">Click here to enter text.</a> |   |

**2.6 Are surface waters located within 30 feet of your project's earth disturbances?** Yes  No

**Note:** A 30' natural vegetative buffer MUST be maintained by water bodies. If a buffer less than 30' is used, you must demonstrate that the additional controls offer the same protection as a 30' natural vegetative buffer, and select the reason for exemption below. (see permit part 2.3.5)

- BMP(s):**
- 30' Natural Vegetative Buffer
- If less than 30' Natural Vegetative Buffer select additional Controls:
- |   |   |
|---|---|
| <input type="checkbox"/> 2 Silt Fence Barrier                             | <input type="checkbox"/> 2 Straw Wattle Barriers (Fiber Roll) |
| <input type="checkbox"/> Other: <a href="#">Click here to enter text.</a> |   |

**2.7 Are there critical or sensitive areas (such as preservation of the drip lines around trees, wetlands, buffer zones by water bodies, etc.) located on or adjacent to the site?** (see permit part 2.2) Yes  No

- BMP(s):**
- Separate and isolate with environmental fencing
- Other: [Click here to enter text.](#)

**2.8 What track out control will be used to prevent dirt from being tracked on streets as vehicles leave the site?** (see permit part 2.4.1)

- BMP(s):**
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Track Out Pad                                    | <input type="checkbox"/> Cobble   | <input checked="" type="checkbox"/> Gravel |
| <input type="checkbox"/> Rumble Strips                                    | <input type="checkbox"/> Wash Down Pad                                  | <input type="checkbox"/> Delivery Pad      |
| <input type="checkbox"/> Restricted Site Access                           | <input type="checkbox"/> Selective Access During Dry Weather (Dry soil) |  |
| <input type="checkbox"/> Other: <a href="#">Click here to enter text.</a> |   |  |

**2.9 Do you have storm drain inlets on or down gradient of this site?** (see permit part 2.1.3) Yes  No

*Protection must address the curb inlet opening (throat) as well as the grate.*

**Where is/are the nearest downstream inlet(s) and how will you protect them:** There are 2 inlets approximately 200 feet downhill from the property

- BMP(s):**
- |  |   |
|--|---|
| <input type="checkbox"/> Rock/Sand-filled Bags | <input type="checkbox"/> Drop Inlet Bags                          |
| <input type="checkbox"/> Filter Fabric         | <input checked="" type="checkbox"/> Gravel or Sand filled Wattles |

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- Proprietary inlet devices  
 Other: [Click here to enter text.](#)

- 2.10 Will curb ramps be used at the site?** (see permit part 2.4.2) Yes  No   
*If curb ramps are used it must be done with material [not dirt] that will not wash away in storm water.*  
**BMP(s):**  Crushed Rock  Wood/Steel Ramps  
 Other: [Click here to enter text.](#)
- 2.11 Will there be stockpiles or spoil piles on the site?** Yes  No   
**Note:** Select "Contained by other BMP" if another BMP on your site will contain runoff from the stockpiles. Materials that can be transported with precipitation must not be placed in the street. (see permit part 2.1.1)  
**BMP(s):**  Surrounded by Silt Fence  Surrounded by Staked Straw  
 Covered with Tarp  Wattles  
 Temporary – Removed same day  
 Contained by other BMP. Explain: Straw wattle is already planned downgradient of all construction activity, and will therefore also contain runoff from stockpiles  
 Other: [Click here to enter text.](#)
- 2.12 Does the project include installation of concrete, masonry, stucco, and paint (water based)work in this project?** (see permit part 2.4.5 & 2.9.1) Yes  No   
*Wash water must be contained, the solids dried, and disposed of at a landfill.*  
**BMP(s):**  Lined Depression  Steel Dumpster  
 Regional Washout (per development)  
 Other: [Click here to enter text.](#)
- 2.13 How will solid waste be dealt with on the site?** (see permit part 2.4.3)  
*Light trash in uncovered dumpsters can blow out and scatter with wind and rain may fall on uncovered leachable material in the dumpster and leak out the bottom causing pollutants to escape.*  
**BMP(s):**  Bag Lightweight Trash  Leak Proof Dumpsters  
 Receptacles with Lids  Other: [Click here to enter text.](#)
- 2.14 Will there be a need to dispose of solvents, oil, fuel, etc. liquid waste?** (see permit part 2.9) Yes  No   
**BMP(s):**  Contained and Removed from the site  Collected for Reuse  
 Other: [Click here to enter text.](#)
- 2.15 How will sanitary waste be handled on the site?** (see permit part 2.4.4)  
**BMP(s):**  Portable Toilet(s) (*must be staked down on dirt surface & 10' from curb*)  
 Onsite or Adjacent Indoor Bathrooms  
 Portable Toilet Secondary Containment (secured down with straps to heavy weights)  
 Other: [Click here to enter text.](#)
- 2.16 How will you minimize the discharge of pollutants from spills and leaks?** (see permit part 2.8.3)  
**BMP(s):**  Use of drip pans  Offsite fueling, and maintenance  
 Spill kit  Spill response plan.  
 Other: [Click here to enter text.](#)
- 2.17 Will there be a need to store construction materials on site?** (see permit 2.8.2) Yes  No

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**Minimize the exposure of materials with a pollution risk (certain building and landscaping materials, fertilizers, pesticides, herbicides, detergents).**

- BMP(s):**     Covering Erodible or Liquid Materials                       Secondary Containment  
                    Strategic Storage and Staging                                       Stored off-site  
                    Enclose them in a weather proof shed.  
                    Other: [Click here to enter text.](#)

**2.18 Does your site have steep slopes (greater than 70%)?** (see permit part 2.3.2)    **Yes**     **No**

- BMP(s):**     Erosion Control Blanket                                       Avoid Disturbance on slope  
                    Seeding     Hydroseed  
                    Mulch     Takifiers  
                    Other: [Click here to enter text.](#)

**2.19 Are there site conditions that cause storm water flows with highly erosive velocities?** (see permit parts 2.3.3 and 2.3.4)    **Yes**     **No**

*Flows must be controlled to minimize sediment transport.*

- BMP(s):**     Gravel Check Dam                                       Straw Wattles (Fiber Rolls) Check Dam  
                    Divert Flows around the Site                       Armored channel (riprap, geotextile, other)  
                    Other: [Click here to enter text.](#)

**2.20 How will you reduce storm water volume to minimize sediment transport, channel and stream bank erosion?** (see permit parts 2.3.4 and 2.3.3)

- BMP(s):**     Utilize basin, depression storage of storm water, cut back curb, or other to hold and infiltrate.  
                    Prevent heavy equipment (as much as possible) from compacting soil so storm water will infiltrate easier.  
                    Rip soil after heavy equipment has caused compaction.  
                    Other: [Click here to enter text.](#)

**2.21 Is there a need for dust control on the site (regulatory or for practical reasons)?**    **Yes**     **No**

- BMP(s):**     Wetting with Water                                       Cover dirt piles with a tarp  
                    Use Magchloride, Calcium Chloride or Lignan Sulfonate  
                    Stabilize surface with mulch, gravel or other surface cover  
                    Other: [Click here to enter text.](#)

**2.22 Will there be disturbed areas on the site that will need to be temporarily stabilized before the project is completed?** (see permit part 2.6)    **Yes**     **No**

*Places that are disturbed and then left for over 14 days with no activity, must be temporarily or permanently stabilized.*

- BMP(s):**     Bark or other mulch                                       Hydro-mulch                                       Seeding  
                    Tackifier     Staked netting with straw mulch  
                    Other: [Click here to enter text.](#)

**2.23 Will the house be sold without any landscaping?**    **Yes**     **No**

**If so, how will you leave the site for the new home owner so sediment will be contained on site until the home owner completes landscaping?** *(the permit can be terminated when the owner occupies the house even though the site is not stabilized).*

- BMP(s):**
- Mulching/Hydro-mulching
  - Swales
  - Silt Fence
  - Wattles
  - Cut-Back-Curb
  - Seeding
  - Vegetated Buffer
  - Grade Front-Yard Lower than Sidewalk
  - Other: [Click here to enter text.](#)

### 3. Sequence of Construction Activity

Type of Construction Activity	Approximate Date Range
Start/End of the Project	May 2022 – September 2023
Excavation activities	May 2022 – July 2022
Foundation/Footings	July – August 2022
Backfill	September 2022
Erection of Building	September 2022 – September 2023
Utility Lines installed	October 2022
Landscaping	Spring 2023

### 4. Site Map

On a blank page (or include a page from the architectural drawings that show site layout and dimensions), please draw a map (and place this map in Appendix A) showing the layout of the site including locations of:

1. boundaries of project/property
2. boundaries of disturbance (including areas outside of property boundaries)
3. show slopes on site (if there are steep areas show steep areas)
4. location of structures/facilities
5. locations of:
  - a. stockpiles for soils and materials
  - b. construction supplies
  - c. portable toilets
  - d. garbage/trash containers
  - e. egress points/track out pads
  - f. concrete washout pits or containers
6. water bodies, wetlands, natural vegetative buffers
7. placement of all BMPs, perimeter, erosion control, sediment control, inlet protection, etc.
8. storm water inlets and storm water discharge points (where storm water drains off the site)

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9. areas that will be temporarily or permanently stabilized on the site
10. areas where disturbances will be delayed to minimize total exposed surface at one time.

## 5. Potential Sources of Pollutants

Fill out the table below with a pollution prevention method. **Examples include:** Strategic Storage, designated washout area, use only as needed (for fertilizers, etc), or Not Applicable.

Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Pesticides (insecticides, fungicides, herbicides, rodenticide)	Chlorinated hydrocarbons, organophosphates, carbamates, arsenic	Herbicides used for noxious weed control	NA – if needed will be stored offsite. Spill plans in place when brought to site.
Fertilizer	Nitrogen, phosphorous	Newly seeded areas	Applied when no rain is forecast. Stored offsite. Prevent from leaving site with vegetative buffer.
Plaster	Calcium sulphate, calcium carbonate, sulfuric acid	Building construction	Captured by onsite stormwater retention, prevented from leaving site, spills cleaned immediately
Cleaning solvents	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates	No equipment cleaning allowed in project limits	NA – equipment will be cleaned off site
Asphalt	Oil, petroleum distillates	Streets and roofing	Stored offsite, will be immediately paved and compacted
Concrete	Limestone, sand, pH, chromium	Curb and gutter, building construction	Concrete washout
Glue, adhesives	Polymers, epoxies	Building construction	Spill prevention and cleanup plan
Paints	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic	Building construction	Spill prevention and cleanup plan
Curing compounds	Naphtha	Curb and gutter	NA
Wood preservatives	Stoddard solvent, petroleum distillates, arsenic, copper, chromium	Timber pads and building construction	Spill prevention and cleanup plan
Hydraulic oil/fluids	Mineral oil	Leaks or broken hoses from equipment	Spill prevention and cleanup plan
Gasoline	Benzene, ethyl benzene, toluene, xylene, MTBE	Secondary containment/staging area	Spill prevention and cleanup plan

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Material/Chemical	Storm Water Pollutants	Common Location*	Pollution Prevention Methods
Diesel Fuel	Petroleum distillate, oil & grease, naphthalene, xylenes	Secondary containment/staging area	Spill prevention and cleanup plan
Kerosene	Coal oil, petroleum distillates	Secondary containment/staging area	Spill prevention and cleanup plan
Antifreeze/coolant	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)	Leaks or broken hoses from equipment	Spill prevention and cleanup plan
Sanitary toilets	Bacteria, parasites, and viruses	Staging area	On-site portable toilet will be staked to ground, serviced regularly

\*(Area where material/chemical is used on-site)

## 6. Spill Prevention and Response Plan

Describe who is responsible for containing and cleaning up spills. Provide a specific person's name and phone number. If a spill kit is located on site, add the location, if there is not a spill kit on site, please provide information on what to use (sand, etc) to contain spills.

### Spill Plan:

All equipment and materials will be inspected daily by on-site supervisor (Mike McNulty 435-659-9765). 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.

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 permittee. 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) 538-6146; (801) 536-4123
Utah Department of Health Emergency Response	(801) 580-6681



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Park City Fire Department	435-940-2500
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Minimum spill quantities requiring reporting:

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
Refrigerant	Air	1 lb
Antifreeze, battery acid, gasoline, engine degreasers	Air, Land, Water	100 lbs (13 gallons)

Emphasis to:

- 1<sup>st</sup> Priority: Protect all people (including onsite staff)
- 2<sup>nd</sup> Priority: Protect equipment and property
- 3<sup>rd</sup> Priority: Protect the environment

1. Make sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
2. Check for hazards (flammable material, noxious fumes, cause of spill) – if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave area and call 911. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
3. Stop the spill source and contain flowing spills immediately with spill kits, dirt or other material that will achieve containment.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers
5. If spilled material has entered a storm sewer, regardless of containment; contact the City Storm Water Division.
6. Cleanup all spills (flowing or non-flowing) immediately following containment. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials AND DO NOT FLUSH AREA WITH WATER.
7. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.
8. Report the reportable quantity to the [Park City Storm Water Division](#).

#### Emergency Numbers

Utah Hazmat Response Officer 24 hrs	(801)-538-3745
Park City Police Department	435-615-5500
Park City Stormwater Division	(435)-615-5307

## 7. SWPPP, Inspections and Corrective Action Reports

**Inspection Schedule and Procedures:** The permit requires inspections **once a week** (see permit Part 3). You must list and provide details of your BMPs in Appendix G. **Park City allows inspection reports to be filed electronically in Utilisync.**

Describe the general procedures for correcting problems when they are identified. Include responsible staff and time frames for making corrections:

Weekly inspections will be completed by Blayde McIntire of Altitude Engineering (307-679-8620). He will notify site supervisor Nick Van Bennekum of any necessary actions. Actions will be completed within 7 days or before any storm event.

**Inspections and Corrective Actions:** All inspections and corrective actions must be logged in Utilisync. Corrective Actions are automatically tracked on the site. Park City will log corrective actions as “Action Items” and will appear red-flagged when you log on.

## 8. Training of Sub-Contractors

All sub-contractors, installers of utility connections, and others that perform activities that are affected by permit requirements will be informed about permit requirements that pertain to their scope of work.

Sub-Contractors are the Responsibility of the NOI holder. They shall be trained, and a record of that training should be kept on Utilisync.

## 9. Changes to the SWPPP

All changes to this SWPPP must be redlined, dated, and initialed in the SWPPP document and on the site map. Modifications to the Site Map can be logged in Utilisync. Modifications to the SWPPP can also be made in the LOG on Utilisync.

## 10. Record Keeping

The following items should be kept at the project site available for inspectors to review:

1. A copy of the Common Plan Permit (A Link is provided in Appendix B)
2. The signed and certified NOI form (Appendix C)
3. Inspection reports (In Utilisync)

### 11. Delegation of Authority (if any)

Duly Authorized Representatives or Positions:

Company/Organization: Company of Representative.  
Name: Authorized Representative Name.  
Position: Representative Title.  
Address: Click here to enter text.  
City: Click here to enter text. State: State Zip: Zip Code  
Telephone: (XXX) XXX-XXXX Fax/Email: (XXX) XXX-XXXX

Owner/General Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional Duly Authorized Representatives or Positions:

Company/Organization: Company of Representative.  
Name: Authorized Representative Name.  
Position: Representative Title.  
Address: Click here to enter text.  
City: Click here to enter text. State: State Zip: Zip Code  
Telephone: (XXX) XXX-XXXX Fax/Email: (XXX) XXX-XXXX

Owner/General Contractor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### 12. Discharge Information

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

Municipal Storm Drain System receiving the discharge from the construction project: **Park City**

**Receiving Waters (look up <http://mapserv.utah.gov/surfacewaterquality/> to identify your receiving water body). Examples of Receiving waters are "Silver Creek" "Weber River" "East Canyon Creek" "Bear River" "Yellow Creek"**

Enter the name(s) of the first surface water(s) that receives storm water directly from your site and/or from the MS4 listed above. **Note:** multiple rows provided in the case that your site has more than one point of discharge in which each flows to different surface waters.

- 1. **Silver Creek**
- 2. Click here to enter name of receiving waters.

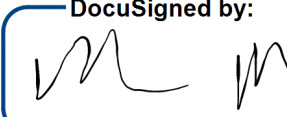

**Impaired Waters** (refer to <http://mapserv.utah.gov/surfacewaterquality/> in the left hand column to determine status of receiving water body). **Examples of Impaired bodies of water are "Silver Creek" "East Canyon Creek" "Kimball Creek" "Echo Creek" "Chalk Creek"**

Select any impaired surface water(s) that your site will discharge to, either directly or through the MS4 selected above.

Impaired Surface Water	Is this surface water impaired?	Pollutant(s) causing the impairment	Has a TMDL been completed?	Pollutant(s) for which there is a TMDL
Silver Creek	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Use Class 1C: Arsenic, Cadmium, E. coli, NITRATE, NITRATE/NITRITE AS N; Use Class 2B: E. coli; Use Class 3A: Benthic Invertebrate Assessment, Dissolved Oxygen, Cadmium, Zinc; Use Class 4: Total Dissolved Solids (TDS)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Cadmium, Zinc

### 13. Certification and Notification

I, Mike McNulty, 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.

DocuSigned by: Mike McNulty -  
  
 X  4/6/2022  
 4F3BA593F52744D...  
 Construction Operator:

This SWPPP should be signed and certified by the construction operator(s).

## **SWPPP Appendices**

Ensure the following documentation is attached to the SWPPP:

**Appendix A: SWPPP Site Maps**

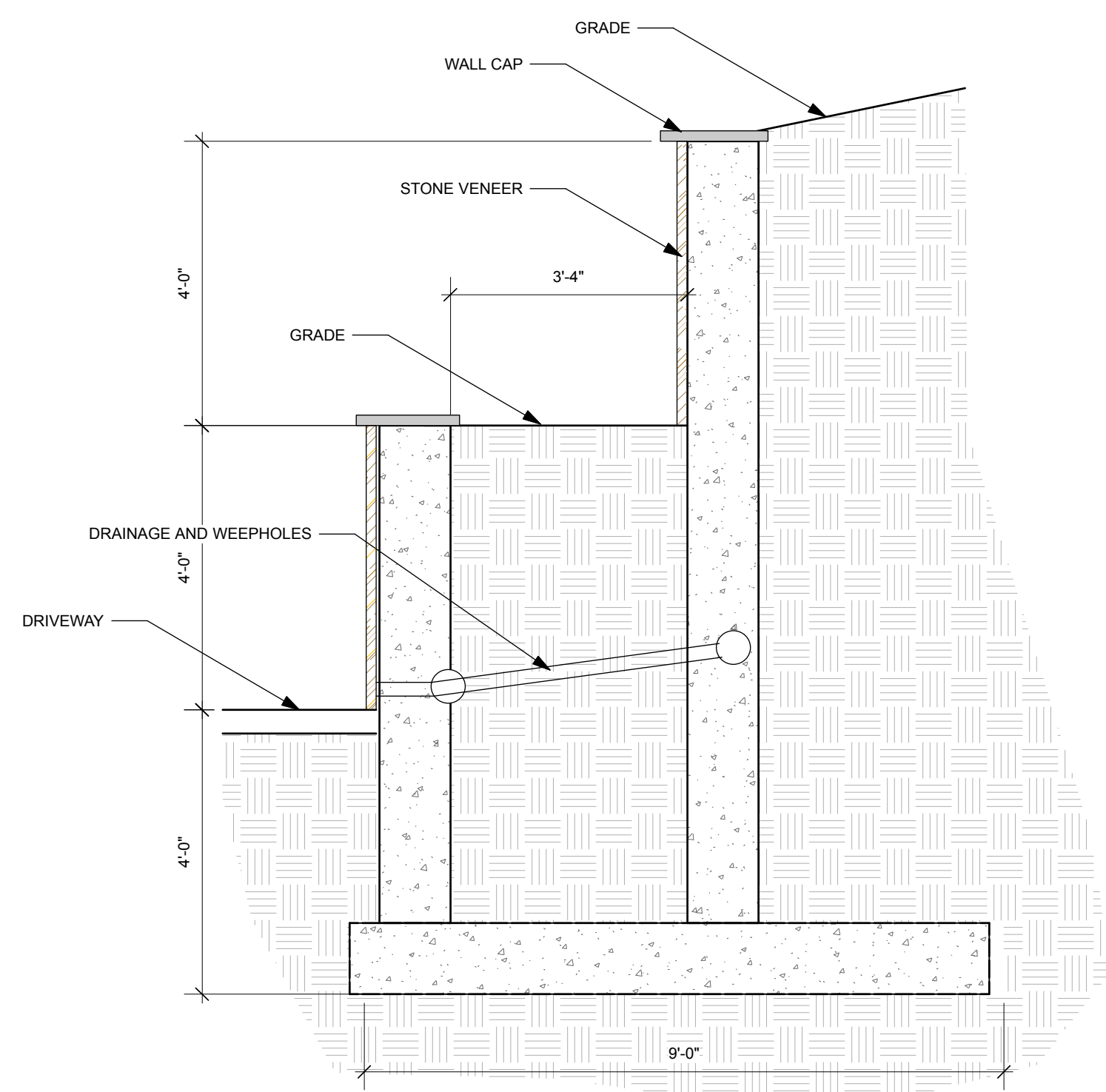
**Appendix B: Common Plan Permit**

**Appendix C: Notice of Intent (NOI), and a copy of the NOT form unless you plan to terminate the permit on-line**

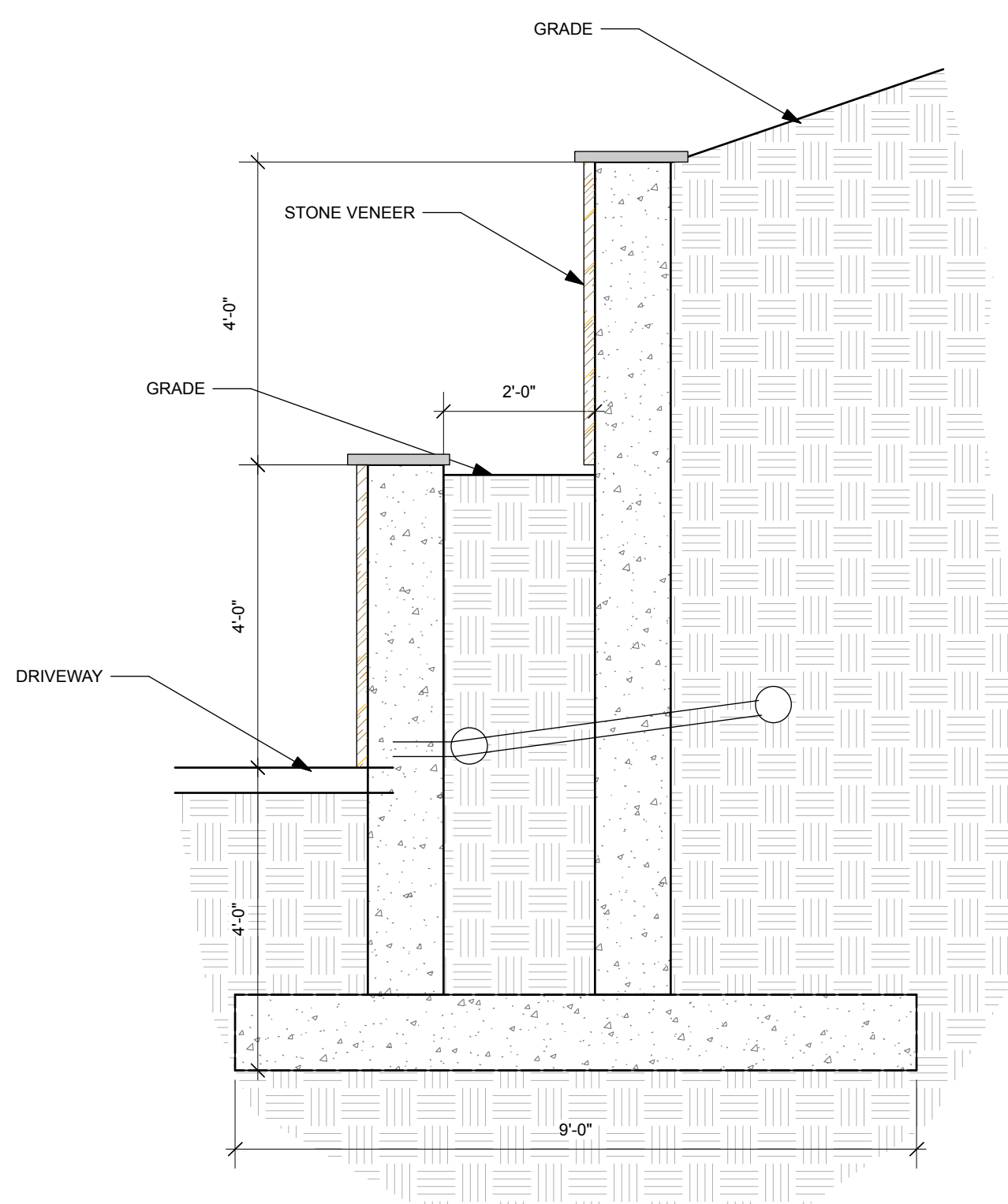
**Appendix D: Daily Site Check Log**

**Appendix G: BMP Specifications and Details (label BMPs to match the sections identified in this document.)**

## **APPENDIX A: SWPPP Site Maps**

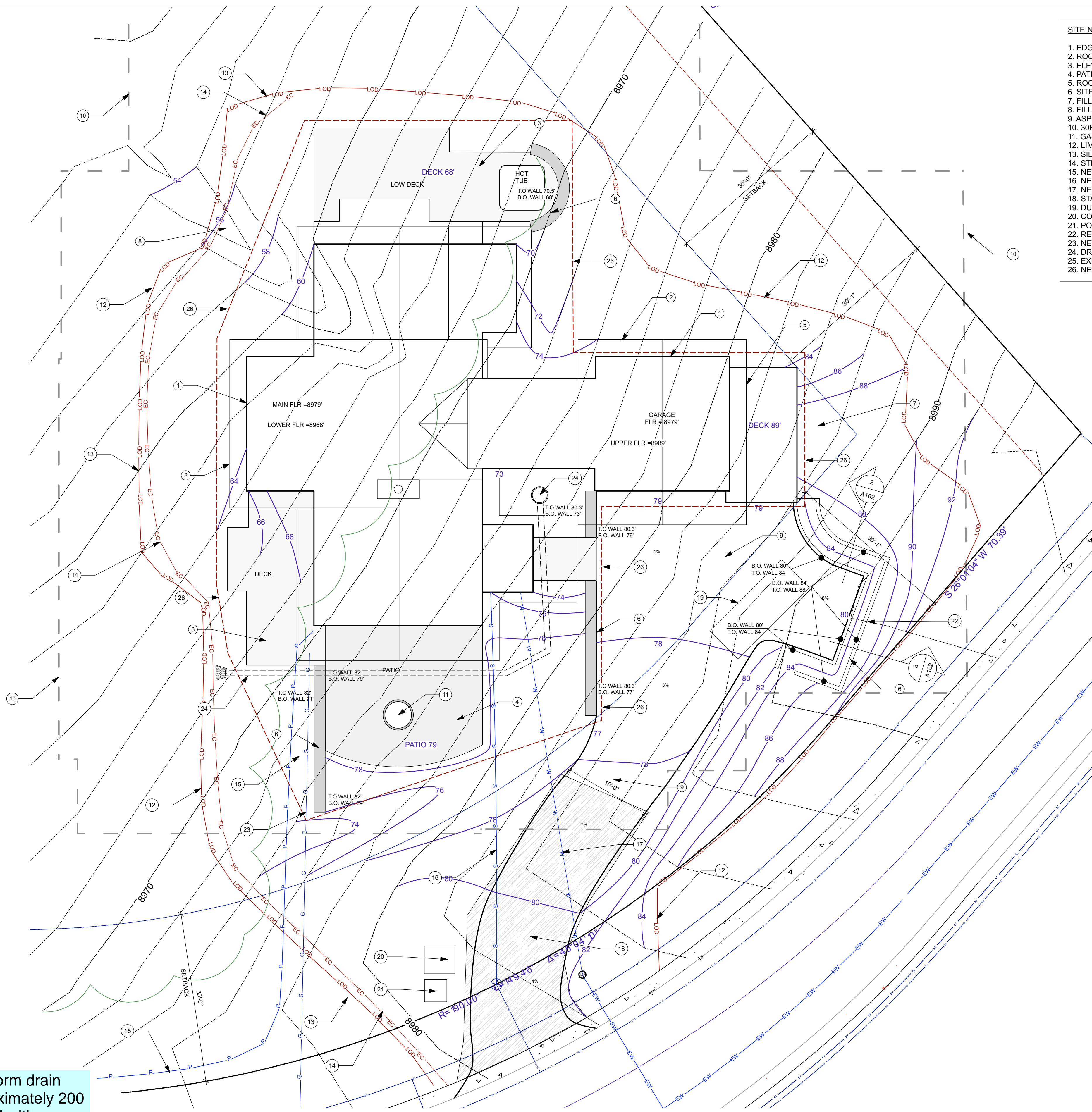


2 SITE RETAINING WALL  
Scale: 1/2" = 1'-0"



3 SITE RETAINING WALL  
Scale: 1/2" = 1'-0"

Protect 2 storm drain inlets approximately 200 feet downhill with wattles or other approved device

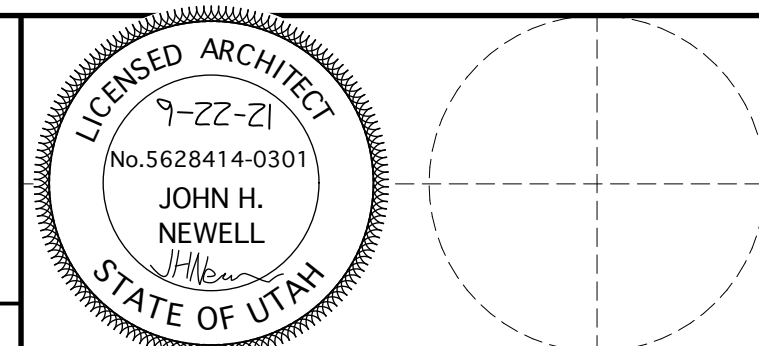


1 PARTIAL SITE PLAN  
Scale: 1" = 10'-0"

- SITE NOTES:**
- EDGE OF HOUSE
  - ROOF OVERHANG
  - ELEVATED DECK
  - PATIO AT GRADE
  - ROOF DECK
  - SITE RETAINING WALL
  - FILL IN GRADE UP AGAINST GARAGE
  - FILL IN MINING EXCAVATION
  - ASPHALT DRIVEWAY
  - 30FT HOUSE OFFSET LINE FOR WILDLAND URBAN INTERFACE
  - GAS FIREPIT
  - LIMITS OF DISTURBANCE FENCE (LOD) MAX. 20FT AWAY FROM WALL
  - SILT FENCE ON THE DOWNHILL SIDE. SEE DETAIL C101
  - STRAW WATTLES ON DOWNHILL SIDE. SEE DETAIL C101
  - NEW UNDERGROUND POWER FROM EXISTING TRANSFORMER (P)
  - NEW UNDERGROUND SEWER LATERAL (S)
  - NEW UNDERGROUND WATER LATERAL (W) SEE DETAILS C101
  - STABILIZED CONSTRUCTION ENTRANCE. SEE DETAILS C101
  - DUMPSTER
  - CONCRETE WASHOUT. SEE DETAILS C101
  - PORTABLE TOILET
  - RETAINING WALL
  - NEW UNDERGROUND GAS LINE (G)
  - DRAINAGE VAULT AND PIPE
  - EXISTING FIRE HYDRANT
  - NEW DEVELOPMENT ENVELOPE: 8271 SF (ORIGINAL 9692 SF)



No.	Date	Revision Notes	Zone	By	No.	Date	Issue Notes
10.8.21		TIGHTENED UP L.O.D. REMOVED SKYLIGHTS					



Design Firm  
**THOMAS PETERS NEWELL**  
8716 PARLEYS LANE  
PARK CITY, UT  
801-842-7375

Consultant  
**CONSTRUCTION SET**

Project Title  
**WILLER BURCHARDI RESIDENCE**  
RED CLOUD LOT 3  
PARK CITY, UT

Sheet Title  
**ENLARGED SITE PLAN**

Project Manager	Project ID
Drawn By	Scale
Reviewed By	Sheet No.
Date	<b>A102</b>
CAD File Name	of 48

## **APPENDIX B: Common Plan Permit**

Find the permit on <https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits>



## **APPENDIX C: Notice of Intent and Termination.**

Find the Notice of Termination Form at <https://deq.utah.gov/water-quality/general-construction-storm-water-updes-permits>

However, termination of the project can be done on-line at <https://secure.utah.gov/stormwater>

(You must log in using the same username that you applied for your NOI with. If you completed a paper NOI you must complete a paper NOT.)



Notice of Intent (NOI) for Storm Water Discharges Associated with Construction  
Activity Under the Common Plan Permit (CPP) UPDES General Permit  
No. UTRH00000

# NOI

Permit Information

Master Permit Number: UTRH00000

UPDES ID: UTRH04997

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: McNulty Construction

Status of Owner: Private

Owner Mailing Address:

Address Line 1: 1526 W Ute Blvd Ste 206

Address Line 2:

City: Park City

ZIP/Postal Code: 84098

State: UT

### Owner Point of Contact Information

First Name Middle Initial Last Name: Mike McNulty

Title: Site Supervisor and Owner

Phone: 435-659-9765

Ext.:

Email: mike@mmconst.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: Willer Burchardi Residence

Project Number:

Project/Site Address

Address Line 1: 8 Red Cloud Trail

Address Line 2:

City: Park City

ZIP/Postal Code: 84098

State: UT

County or Similar Division: Summit

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

Coordinate System: Decimal Degrees

Latitude/Longitude: 40.606542°N, 111.506085°W

Estimated Project Start Date: 04/01/2022

Estimated Project End Date: 10/31/2023

Total Area of Plot (in Acres): 1.5

Estimated Area to be Disturbed (in Acres): 0.39

### Proposed Best Management Practices

Silt Fence/Straw Wattle/Perimeter Controls

Seeding/Preservation of Vegetation

### Proposed Good Housekeeping Practices

Sanitary/Portable Toilet

Washout Areas

Construction Chemicals/Building Supplies Storage Area

Garbage/Waste Disposal

Track Out Controls

Spill Control Measures

#### Site Activity Information

Municipal Separate Storm Sewer System (MS4) Operator Name: Park City

Receiving Water Body: Silver Creek

This is known

What is the estimated distance to the nearest water body? 1.26

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

#### 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: Mike McNulty

Certifier Title: Contractor

Certifier Email: mike@mmconst.com

Certified On: 04/05/2022 11:20 PM ET

**APPENDIX D: Daily Self-Inspection Log (permit part 3.2.2).**

# 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



Storm Water Pollution Prevention Plan Template (SWPPP)  
Common Plan Permit

---

Delegation of Authority

I, \_\_\_\_\_ (name), 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 Common Plan Permit, at the \_\_\_\_\_ construction site. The designee is authorized to sign any reports, stormwater pollution prevention plans and all other documents required by the permit.

\_\_\_\_\_ (name of person or position)

\_\_\_\_\_ (company)

\_\_\_\_\_ (address)

\_\_\_\_\_ (city, state, zip)

\_\_\_\_\_ (phone)

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in \_\_\_\_\_ (Reference State Permit), and that the designee above meets the definition of a "duly authorized representative" as set forth in \_\_\_\_\_ (Reference State Permit).

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:

Company:

Title:

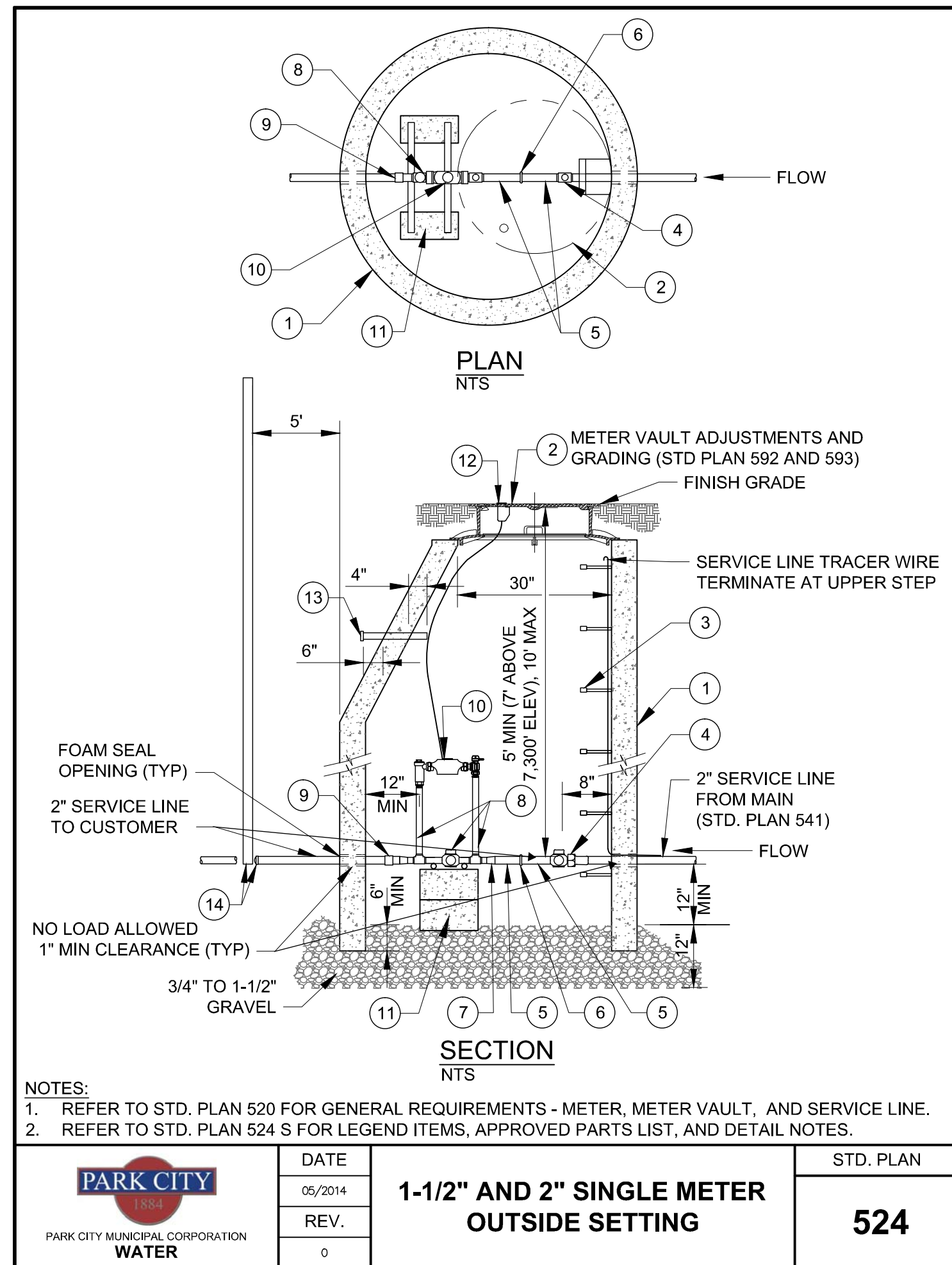
Signature:

Date:

## **APPENDIX G: BMP Specifications and Details**

**Label BMPs to match the sections identified in this document.**



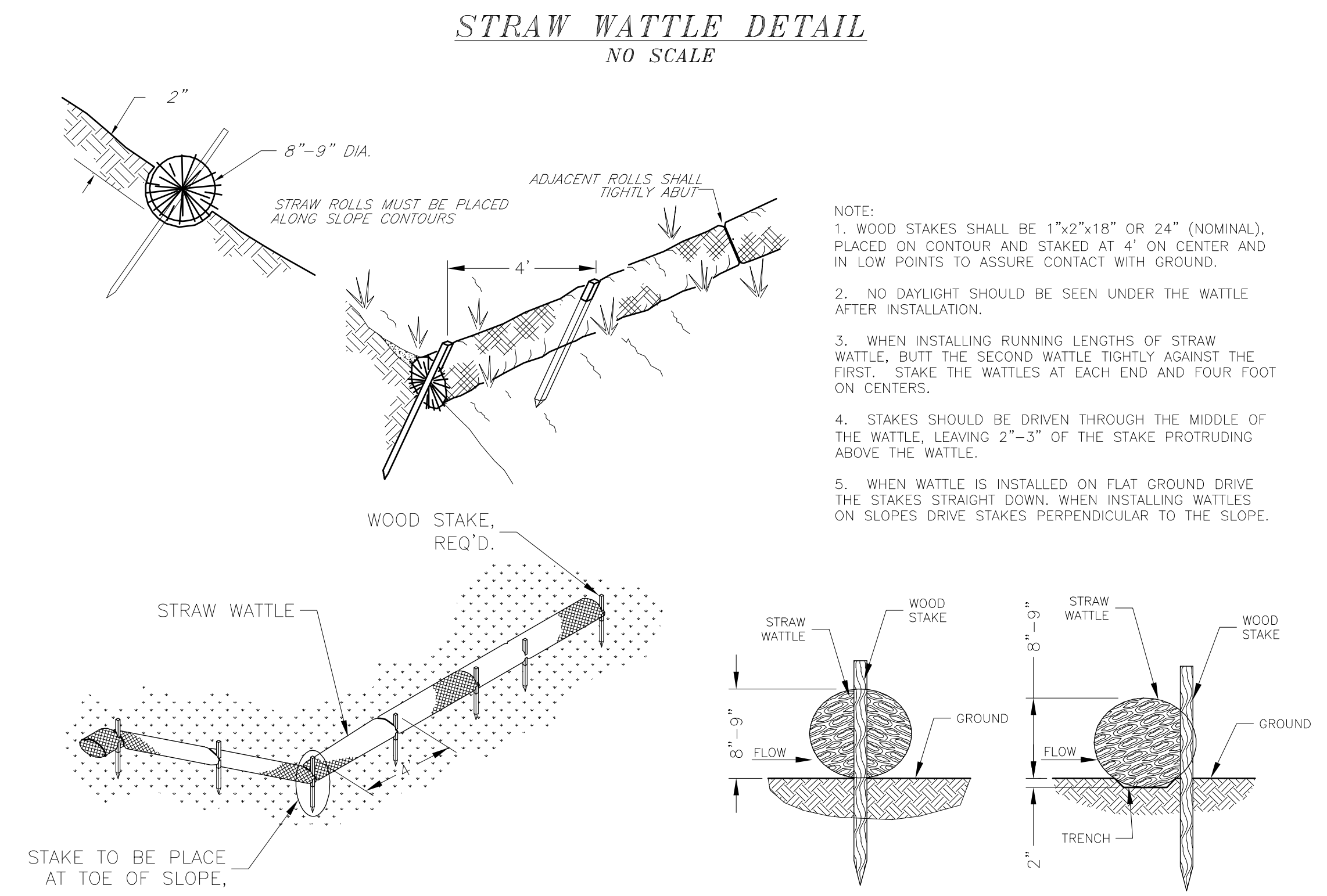


LEGEND AND APPROVED PARTS LIST			
ITEM	DESCRIPTION	ACCEPTABLE MANUFACTURER	MODELS
①	5' DIA. MANHOLE, PRECAST CONCRETE ECCENTRIC CONE AND WALL SECTIONS		ASTM C 478
②	METER VAULT FRAME AND COVER (STD. PLAN 529)		
③	POLYPROPYLENE ENCASED GRADE 60 STEEL STEPS AT 13" C-C, 13-1/2" TREAD WIDTH	M.A. INDUSTRIES OR APP'VD EQ.	PS2-PDFD
④	2" CURB VALVE, F.I.P. x CTS	MUELLER	B-25172N
		FORD	B11-777Q
⑤	2" DIA. BRASS NIPPLE x 4" LENGTH, M.I.P.		
⑥	2" BRONZE UNION, F.I.P., THREADED		
⑦	1-1/2" BRASS NIPPLE x 4" LENGTH, 2" x 1-1/2" BRONZE BELL REDUCER, AND 1-1/2" CLOSE BRASS NIPPLE (1-1/2" YOKE ONLY)		
⑧	1-1/2" METER YOKE COMMERCIAL SERVICE: WITH BYPASS RESIDENTIAL SERVICE: WITHOUT BYPASS IRRIGATION SERVICE: WITHOUT BYPASS	MUELLER	1-1/2"x15" B2423-2-01N (WITH BYPASS) 1-1/2"x15" B2422-2N (WITHOUT BYPASS)
		FORD	1-1/2" VBHH76-15B-11-66-NL (WITH BYPASS) 1-1/2" VBHH76-15-11-66-NL (WITHOUT BYPASS)
⑨	2" METER YOKE COMMERCIAL SERVICE: WITH BYPASS RESIDENTIAL SERVICE: WITHOUT BYPASS IRRIGATION SERVICE: WITHOUT BYPASS	MUELLER	2"x15" B2423-2-01N (WITH BYPASS) 2"x15" B2422-2N (WITHOUT BYPASS)
		FORD	2" VBHH77-15B-11-77-NL (WITH BYPASS) 2" VBHH77-15-11-77-NL (WITHOUT BYPASS)
⑩	2" CONNECTION, F.I.P. x CTS AND 2" BRASS NIPPLE x 4" LENGTH (OUTLET); 1-1/2" YOKE ONLY; ADD 2"x1-1/2" BRONZE BELL REDUCER AND 1-1/2" CLOSE BRASS NIPPLE	MUELLER	H-15451N
		FORD	C-14-66-G-NL
⑪	METER, SUPPLIED AND INSTALLED BY PCMC	SENSUS	OMNI
⑫	PIPE SUPPORTS (4) 16"x8"x8" CMU BLOCK, (2) METER SUPPORT RODS, GALVANIZED		
⑬	MXU AND WIRING, SUPPLIED AND INSTALLED BY PCMC		
⑭	MXU REMOTE LOCATION CONDUIT WITH END CAPS, SCH 40 PVC (STD. PLAN 531)		
⑮	END CAP AND MARKER, CTS x F.I.P. (OUTLET)		H-15451N AND H-10035N

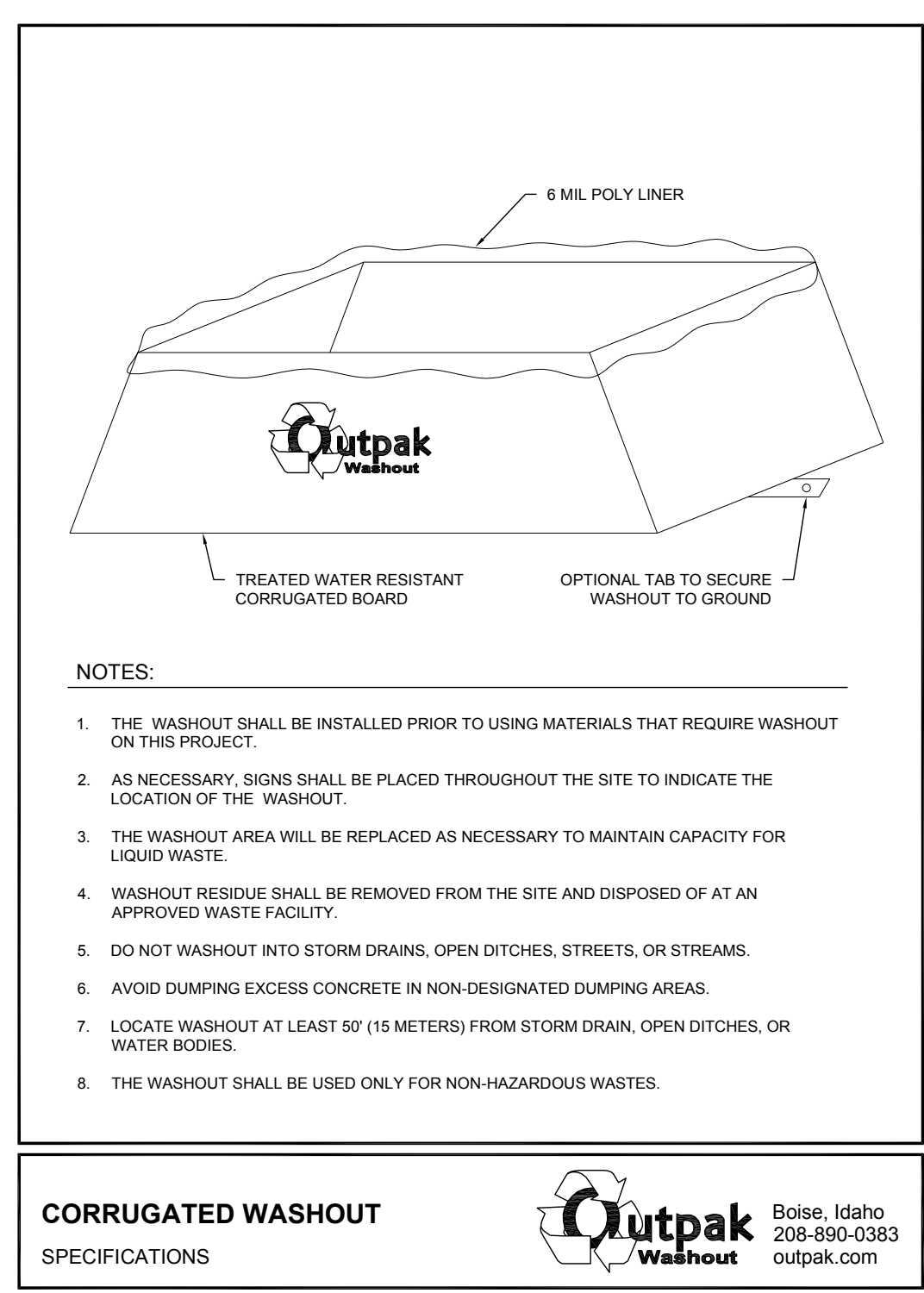
**DETAIL NOTES**

- LOCATE METER VAULT PER APPROVED PLANS AND SET METER BOX PLUMB
- SST INSERT STIFFENERS REQUIRED ON ALL CTS TUBING CONNECTIONS

DATE	REV.	STD. PLAN
10/2020		524 S

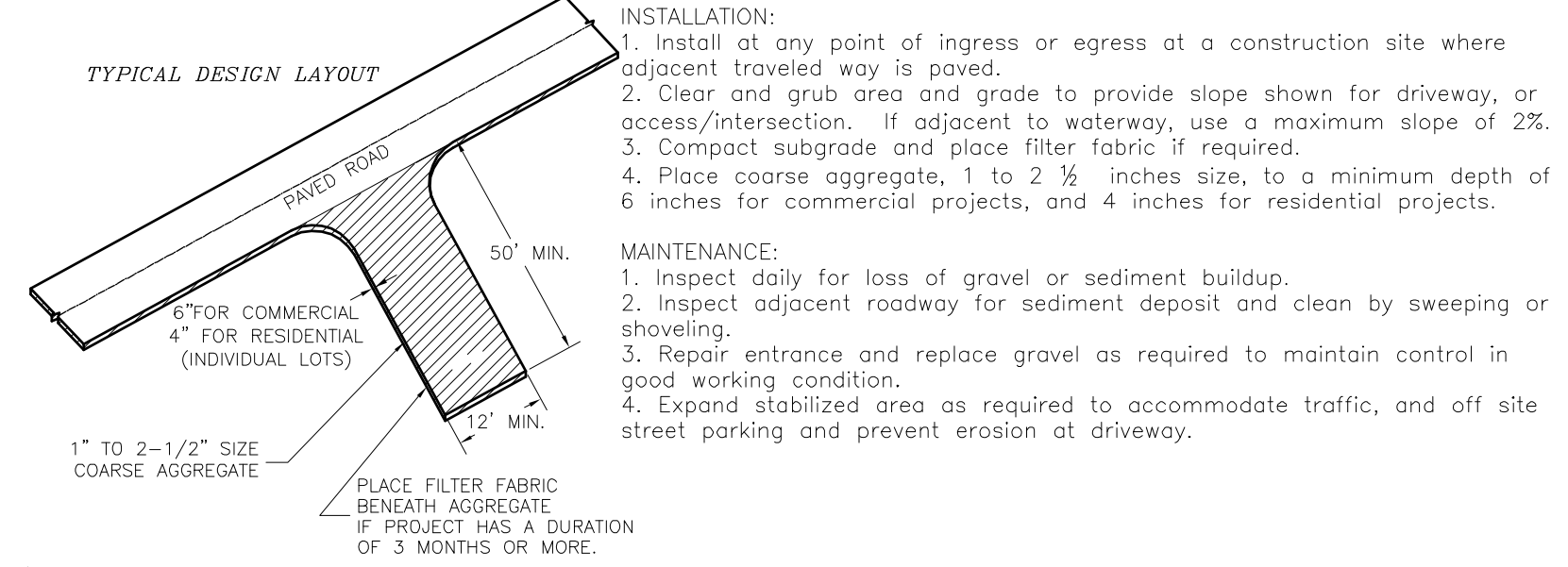


**CONCRETE WASHOUT**

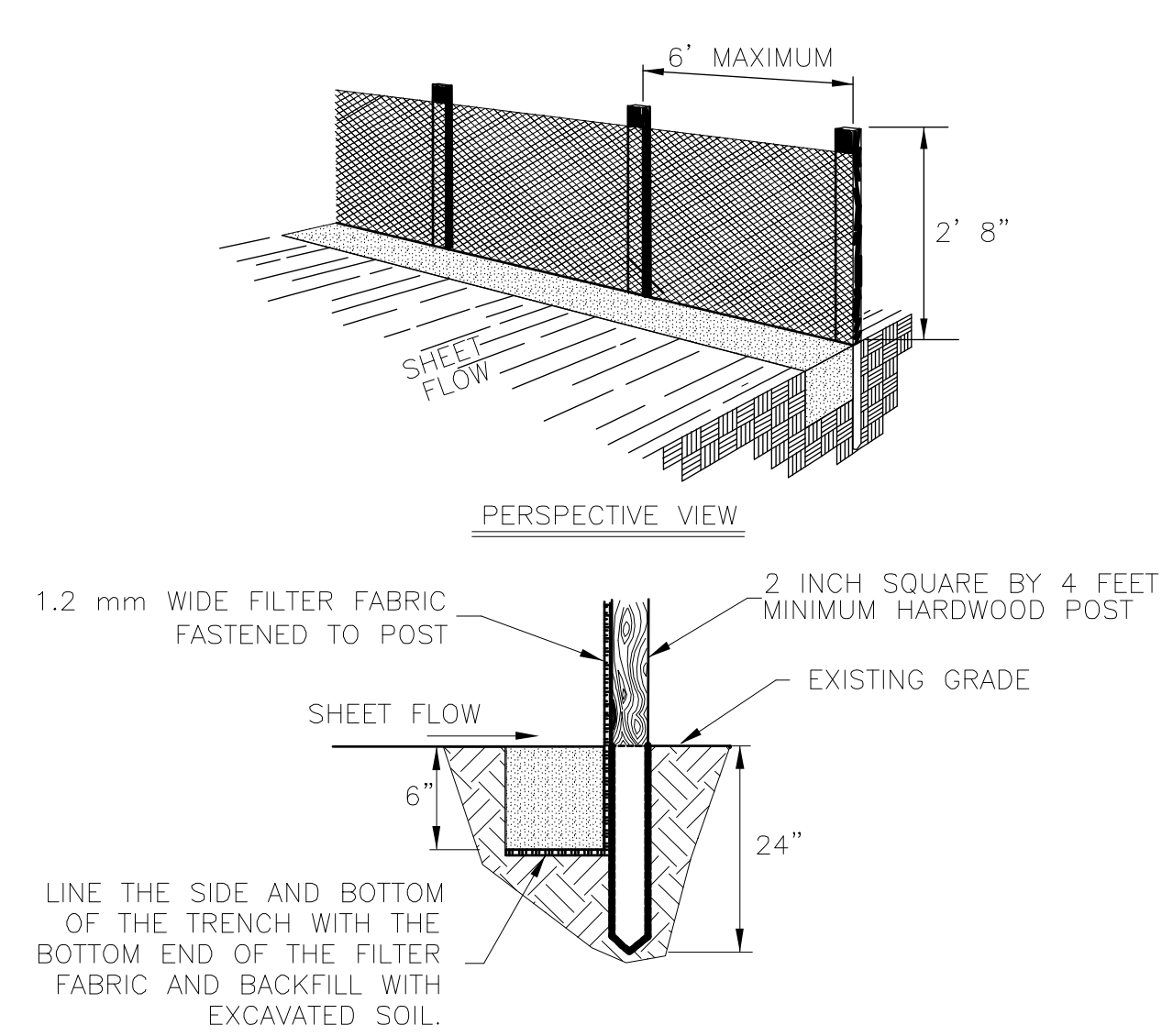


- Perform washout of concrete trucks offsite or in designated concrete washout areas only.
  - Do not wash out concrete trucks onto the ground, or into storm drains, open ditches, streets, or streams.
  - Do not allow excess concrete to be dumped onsite, except in designated concrete washout areas.
- Concrete washout areas may be prefabricated concrete washout containers, or self-installed structures (above-grade or below-grade).
- Prefabricated containers are most resistant to damage and protect against spills and leaks. Companies may offer delivery service and provide regular maintenance and disposal of solid and liquid waste.
  - If self-installed concrete washout areas are used, below-grade structures are preferred over above-grade structures because they are less prone to spills and leaks.
  - Self-installed above-grade structures should only be used if excavation is not practical.

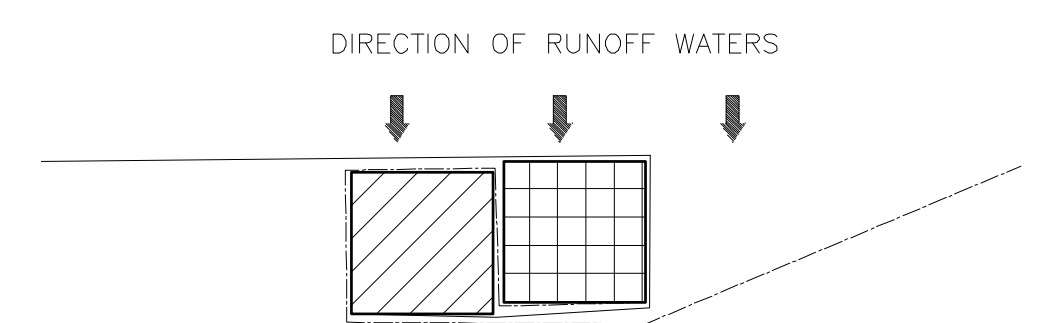
**STABILIZED CONSTRUCTION ENTRANCE**



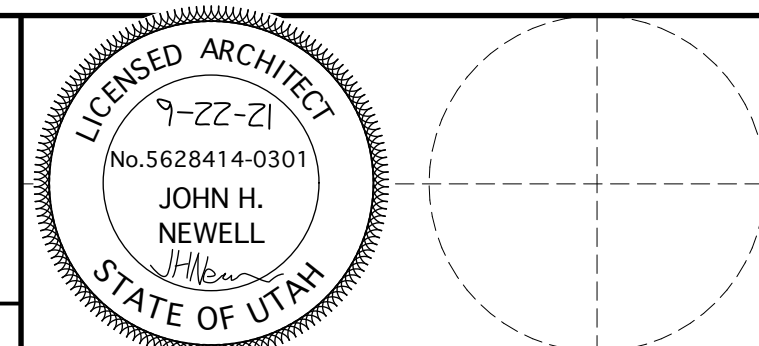
**SILT FENCE**



**ATTACHING TWO SILT FENCES**



No.	Date	Revision Notes	Zone	By	No.	Date	Issue Notes



Design Firm  
**THOMAS PETERS NEWELL**  
8716 PARLEYS LANE  
PARK CITY, UT  
801-842-7375

Consultant  
**CONSTRUCTION SET**

Project Title  
**WILLER BURCHARDI RESIDENCE**  
RED CLOUD LOT 3  
PARK CITY, UT

Sheet Title  
**SITE DETAILS**

Project Manager	Project ID
Willer Burchardi	
Drawn By	Scale
Reviewed By	Sheet No.
	<b>C101</b>
Date	of
<b>10.07.21</b>	<b>48</b>
CAD File Name	
willer_burchardi.vwx	

**Below are links to various Construction Storm Water BMP Manuals for reference.**

Salt Lake County

[http://slco.org/uploadedFiles/depot/publicWorks/engineering/final\\_bmp\\_constructi.pdf](http://slco.org/uploadedFiles/depot/publicWorks/engineering/final_bmp_constructi.pdf)

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

Davis County

[http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053\\_2](http://www.daviscountyutah.gov/docs/librariesprovider20/default-document-library/stormwater-best-management-practices.pdf?sfvrsn=c9cd4053_2)

A Guide to Stormwater Best Management Practices

Nevada DOT

<https://www.nevadadot.com/home/showdocument?id=9417>

Stormwater Quality Manuals: Construction Site Best Management Practices (BMPs) Manual

Caltrans

<http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf>

Construction Site Best Management Practices (BMP) Manual

Oregon

<http://www.oregon.gov/deq/FilterPermitsDocs/BMPManual.pdf>

Construction Stormwater Best Management Practices Manual

Los Angeles

<http://dpw.lacounty.gov/cons/specs/BMPManual.pdf>

Construction Site Best Management Practices (BMPs) Manual

Maricopa County (Arizona)

<https://www.maricopa.gov/DocumentCenter/View/2368/2015-03-Drainage-Design-Manual-for-Maricopa-County-Volume-III-Erosion-pdf>

Drainage Design Manual for Maricopa County (Erosion Control)

Minnesota

<https://www.pca.state.mn.us/sites/default/files/wq-strm2-09.pdf>

Stormwater Compliance Assistance Toolkit for Small Construction Operators