



August 31, 2017

RE: Weber County SWPPP

Attn: Cole Knigh

Project: 7977 Heartwood Drive, Eden, Utah

Proposed Services

Storm Water Pollution Prevention Plan

Gardner Engineering will provide a SWPP Plan Sheet identifying site improvements, disturbance area calculations and storm water protection procedures in accordance with Weber County Engineering Standards.

TOTAL PROJECT COMPENSATION \$680

Timeframe: SWPPP will be delivered within 7 days of notice to proceed.

Klint Whitney, PLS | Gardner Engineering

Accepted By: Cole Knight 

Title: Intern Architect

TERMS AND CONDITIONS

1. AUTHORIZATION TO PROCEED

Execution of this Agreement by the CLIENT and SURVEYOR will serve as written authorization for the SURVEYOR to proceed with the under this Agreement. The CLIENT guarantees full and free access for the SURVEYOR to enter upon all property required for the performance of the SURVEYOR 'S services under this Agreement.

2. PAYMENT OF FEES

All fees are due to SURVEYOR upon delivery of requested services, unless prior negotiations have occurred, and agreed upon by both client and SURVEYOR.

- 3. OWNERSHIP OF DOCUMENTS** All documents, including without limitation drawings and specifications, prepared by the SURVEYOR under this Agreement as instruments of professional service are the intellectual and personal property of the SURVEYOR. They are not intended or represented to be suitable for reuse by the CLIENT or others on this project or other projects. Any reuse without the written authorization of the SURVEYOR for the specific purpose intended will be at the CLIENT'S sole risk. The CLIENT shall indemnify, defend, and hold the SURVEYOR harmless for any such unauthorized reuse.

4. PERFORMANCE OF SERVICES

The SURVEYOR shall render its services under this Agreement in accordance with generally accepted professional practices and makes no other warranty either express or implied. The CLIENT shall provide prompt written notice to the SURVEYOR if the CLIENT becomes aware of any fault or defect in the SURVEYOR'S services, including any errors, omissions or inconsistencies in the documents.

5. CLIENT SUPPLIED INFORMATION

The CLIENT shall furnish to the SURVEYOR all information it possesses for the project that is related to SURVEYOR 'S services. The SURVEYOR may use such information in performing its services and shall be entitled to rely on the accuracy and completeness thereof. The SURVEYOR will notify the CLIENT if it finds that the information is inaccurate. The CLIENT will then be responsible for the expense to obtain accurate information and expenses caused by the use of the inaccurate information.

6. PROJECT SCHEDULE

The CLIENT is solely responsible for obtaining and paying for all permits and approvals for the project. The SURVEYOR shall not be held accountable for delays due to factors that are beyond the control of the SURVEYOR. The CLIENT shall solely bear any costs it incurs for such delays.

7. TERMINATION

This Agreement may be terminated by either party upon seven days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. If this Agreement is terminated by either party, the SURVEYOR will be paid promptly for services rendered and reimbursable expenses incurred through the date of such termination.

8. HAZARDOUS MATERIALS AND UNFORESEEN CONDITIONS

The SURVEYOR assumes no risk and shall have no responsibility for non-disclosed or unforeseen conditions or the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials or toxic substances in any form.

9. NATURE OF THE AGREEMENT

This agreement is between CLIENT and SURVEYOR. Nothing contained herein shall create a contractual relationship with or a cause of action in favor of a third party against the CLIENT or the SURVEYOR. Neither party shall assign this Agreement without the express written consent of the other. This Agreement and its attachments represent the entire integrated agreement between the CLIENT and SURVEYOR and supersede all prior negotiations, representations, or agreements, either written or oral. This Agreement shall only be amended by a writing signed by the CLIENT and the SURVEYOR.

10. DISPUTE RESOLUTION

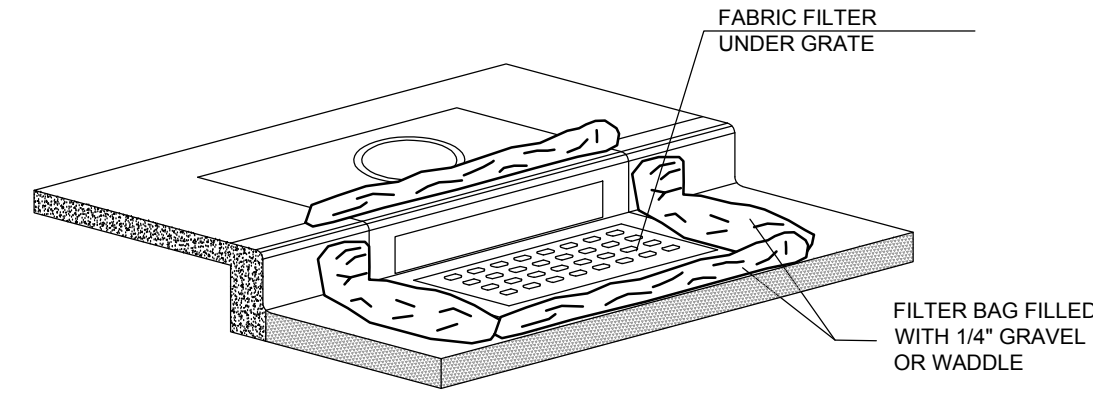
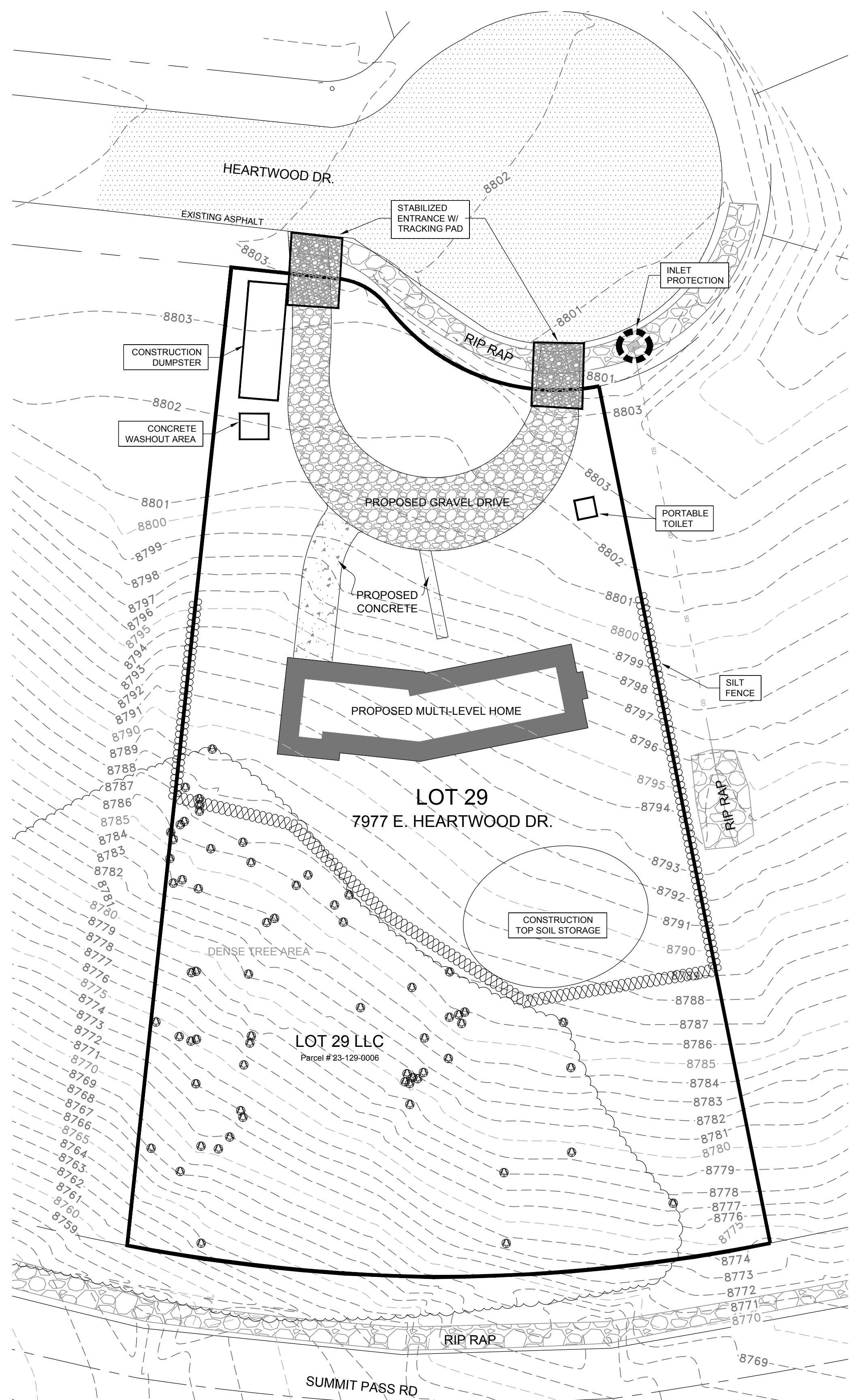
The CLIENT and the SURVEYOR shall in good faith mediate any dispute arising between them, and each agree to pay one half of the costs of the mediation. All claims not resolved by mediation may, at the SURVEYOR'S or CLIENT'S option, be resolved by arbitration in accordance with the Revised Utah Uniform Arbitration Act in lieu of litigation and judgment on the award may be entered in any court having jurisdiction thereof.

11. GOVERNING LAW

This Agreement shall be governed by the laws of the State of Utah, without regard to its choice of law provision.

12. Access to Site

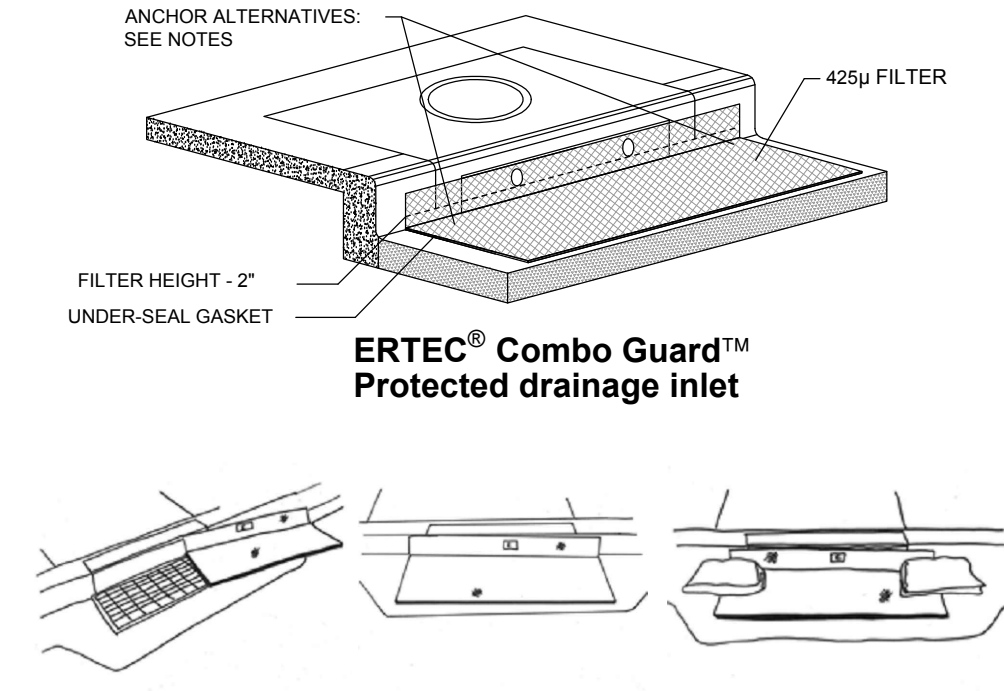
Unless otherwise stated, Gardner Engineering shall have access to the site for activities necessary for the performance of the services. Gardner Engineering will take precautions to minimize damage due to these activities, but has not included in the fee the cost of restoration of any resulting damage.



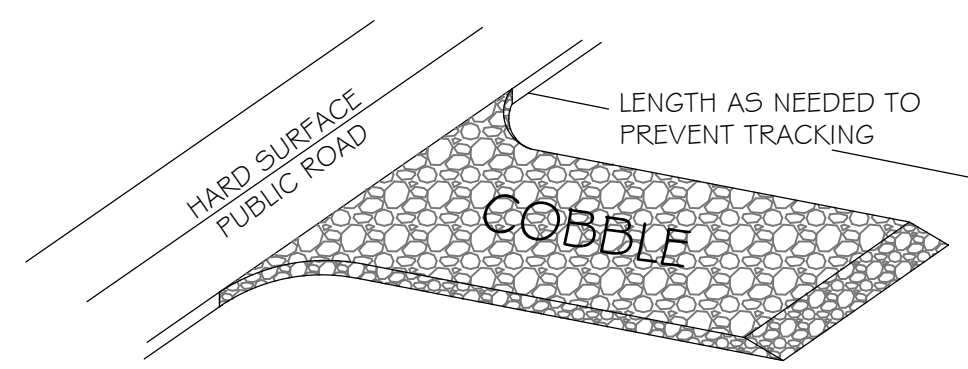
1A INLET PROTECTION - OPTION 1
Scale: NTS

INSTALLATION NOTES

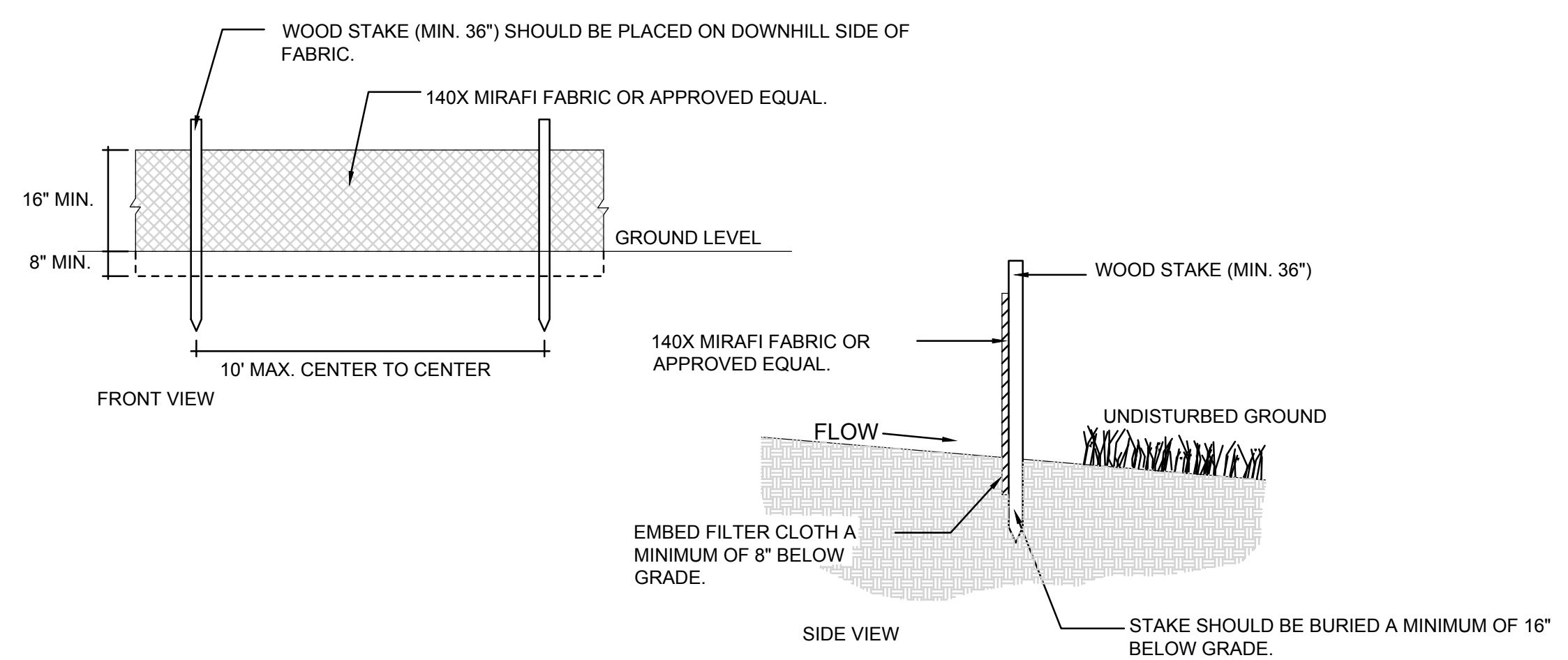
1. PLACEMENT: PLACE CG TIGHTLY AGAINST CURB OPENING AND COVER ENTIRE GRATE. CG SHOULD EXTEND AT LEAST 2 INCHES PAST GRATE TOWARDS STREET.
2. OVERLAP FOR LONG OPENINGS: OVERLAP CG UNITS AT LONGER OPENINGS.
3. ANCHOR: ANCHOR CG SO THAT WATER CANNOT FLOW BEHIND IT.
4. ALTERNATE ANCHOR METHODS: A) INSTALL GRAVEL BAGS AT EACH SIDE OF CG - HALF-ON AND HALF-OFF THE EDGES. USE HALF-FILLED GRAVEL BAGS (15 OR 20 LBS), ROUND ROCK IS RECOMMENDED. OR B) ATTACH WITH 16 GAUGE TIE-WIRE. CUT WIRE TO 18" LENGTH. AT EACH CORNER OF CG, FEED ONE END OF WIRE DOWN THROUGH CG, AROUND GRATE BAR, AND BACK UP THRU CG. ABOVE GROUND, TWIST WIRES SEVERAL TIMES. CUT-OFF EXCESS. OR C) FASTEN WITH CONCRETE ANCHORS/NAILS AT THE OUTSIDE EDGES OF CG.



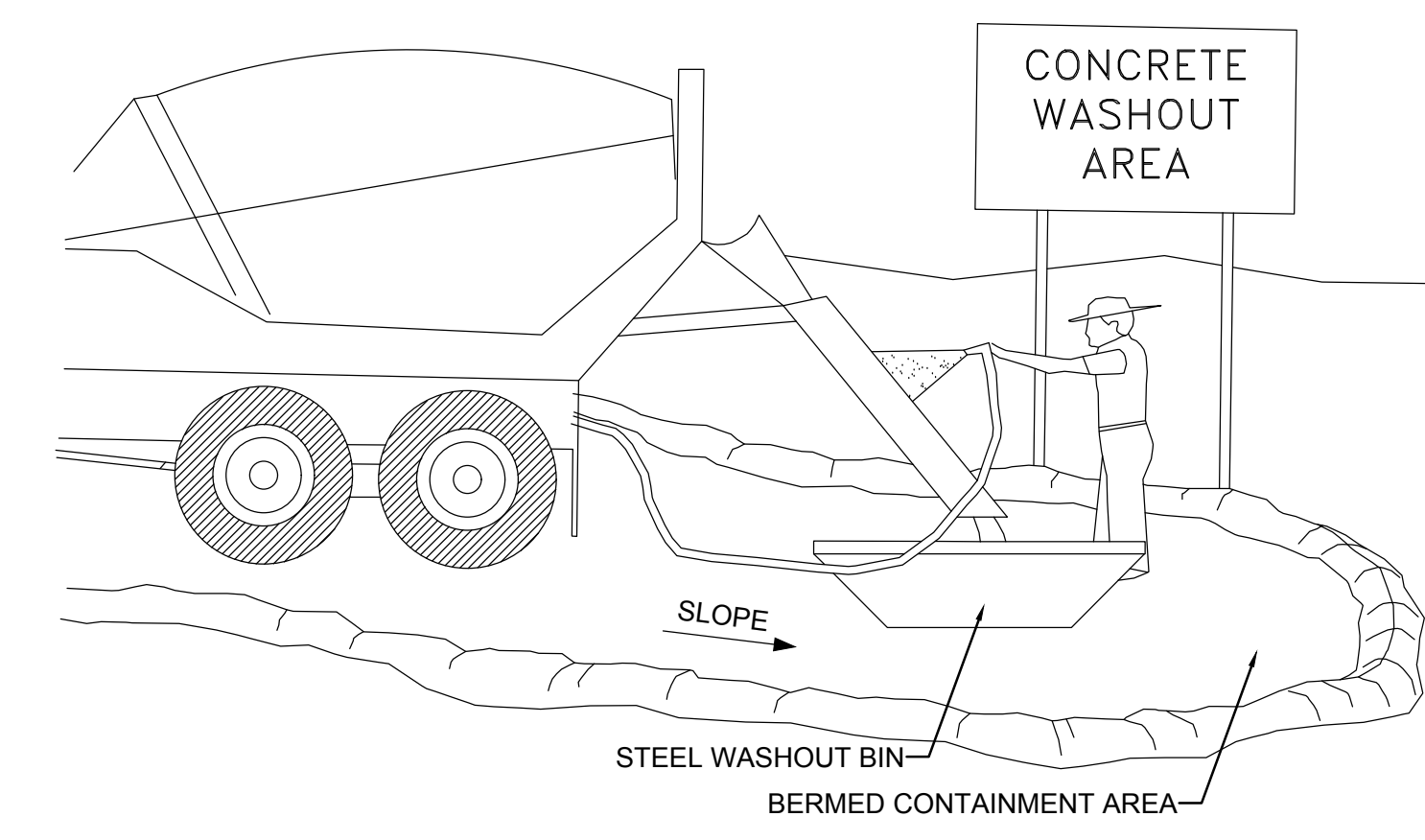
1B INLET PROTECTION - OPTION 2
Scale: NTS



2 TYPICAL VEHICLE TRACKING SECTION
Scale: NTS



3 SILT FENCE
Scale: NTS



ENTRANCE STABILIZATION NOTES:

1. SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO PREVENT SEDIMENTS FROM BEING DEPOSITED INTO THE STORM DRAIN SYSTEMS. DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS INTO THE STORM DRAIN SYSTEM.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE:
 - a. LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY AND SIDEWALK OR PARKING AREA.
 - b. A SERIES OF STEEL PLATES WITH "RUMBLE STRIPS", AND/OR MIN. 3" COARSE AGGREGATE WITH LENGTH, WIDTH AND THICKNESS AS NEEDED TO ADEQUATELY PREVENT ANY TRACKING ONTO PAVED SURFACES.
3. ADDING A WASH RACK WITH A SEDIMENT TRAP LARGE ENOUGH TO COLLECT ALL WASH WATER CAN GREATLY IMPROVE EFFICIENCY.
4. ALL VEHICLES ACCESSING THE CONSTRUCTION SITE SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE SITES.

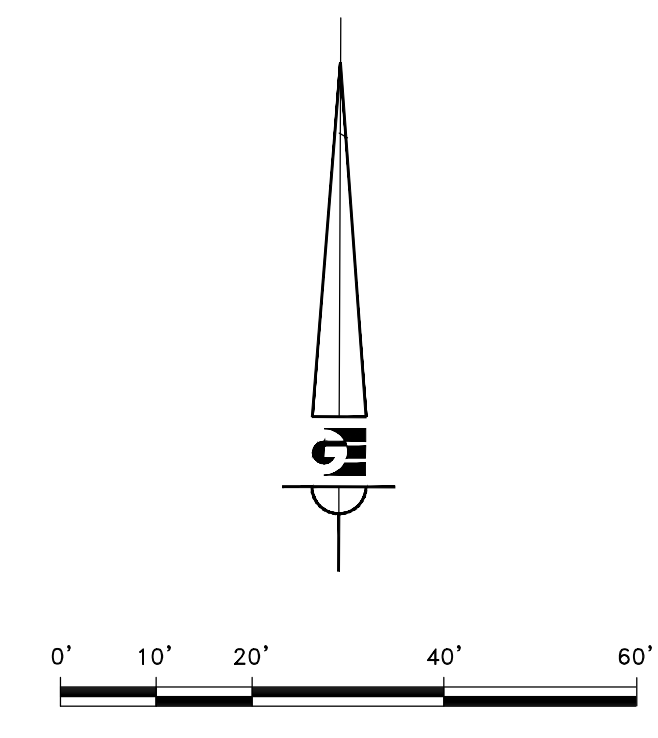
STREET MAINTENANCE NOTES:

1. REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS IMMEDIATELY.
2. SWEEP PAVED AREAS THAT RECEIVE CONSTRUCTION TRAFFIC WHENEVER SEDIMENT BECOMES VISIBLE.
3. PAVEMENT WASHING WITH WATER IS PROHIBITED IF IT RESULTS IN A DISCHARGE TO THE STORM DRAIN SYSTEM.

CONCRETE NOTES:

1. EXCESS AND WASTE CONCRETE SHALL BE DISPOSED OF OFF SITE OR AT DESIGNATED AREAS ONLY.
2. EXCESS AND WASTE CONCRETE SHALL NOT BE WASHED INTO THE STREET OR INTO A DRAINAGE SYSTEM.
3. FOR WASHOUT OF CONCRETE AND MORTAR PRODUCTS ONSITE, A DESIGNATED CONTAINMENT FACILITY OF SUFFICIENT CAPACITY TO RETAIN LIQUID AND SOLID WASTE SHALL BE PROVIDED.
4. ONSITE CONCRETE WASHOUT CONTAINMENT FACILITY SHALL BE A STEEL BIN OR APPROVED ALTERNATE.
5. SLURRY FROM CONCRETE AND ASPHALT SAW CUTTING SHALL BE VACUUMED OR CONTAINED, DRIED, PICKED UP AND DISPOSED OF PROPERLY.

NOTE:
CONTRACTOR SHALL COMPLETE AND SUBMIT A STATE NOTICE OF INTENT (NOI) AND A STORM WATER POLLUTION PREVENTION PLAN BOOKLET



LEGEND

| | |
|--|---------------------|
| | PROPERTY BOUNDARY |
| | ADJACENT PARCEL |
| | CENTERLINE |
| | EXISTING 5' CONTOUR |
| | EXISTING 1' CONTOUR |
| | EXISTING RIP RAP |
| | EXISTING TREE |
| | INLET PROTECTION |
| | SILT FENCE |

NOTICE:
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

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SCALE: 1" = 20'
DATE: 9-11-17
DESIGN: _____
DRAWN: SGP
CHECKED: KHW

| REVISIONS | DESCRIPTION |
|-----------|-------------|
| DATE | |

SWPPP FOR LOT 29, SUMMIT EDEN PHASE 1B
7977 E HEARTWOOD DRIVE (6110 N STREET)
LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5,
TOWNSHIP 7 NORTH, RANGE 2 EAST, S.L.B. AND M.

GARDNER ENGINEERING
CIVIL - LAND PLANNING
MUNICIPAL - LAND SURVEYING
5150 SOUTH 375 EAST, OGDEN, UT
OFFICE: 801-476-0202 FAX: 801-476-0066