

GENERAL NOTES

- 1. ALL CONSTRUCTION MUST STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: GOVERNING UTILITY MUNICIPALITY, GOVERNING CITY OR COUNTY (IF UN-INCORPORATED), INDIVIDUAL PRODUCT MANUFACTURERS, THE DESIGN ENGINEER, AND AMERICAN PUBLIC WORKS ASSOCIATION (APWA)...

GENERAL NOTES CONT.

- 27. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS...

UTILITY NOTES

- 1. CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE SERVICE, GAS SERVICE, CABLE, POWER, INTERNET...

EROSION CONTROL GENERAL NOTES:

THE CONTRACTOR TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING EROSION CONTROL FOR CONSTRUCTION OF THIS PROJECT. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO WEBER COUNTY ORDINANCES AND ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE COUNTIES...

CONTRACTOR SHALL KEEP THE SITE WATERED TO CONTROL DUST. CONTRACTOR TO LOCATE A NEARBY HYDRANT FOR USE AND TO INSTALL TEMPORARY METER. CONSTRUCTION WATER COST TO BE INCLUDED IN BID.

WHEN GRADING OPERATIONS ARE COMPLETED AND THE DISTURBED GROUND IS LEFT "OPEN" FOR 14 DAYS OR MORE, THE AREA SHALL BE FURROWED PARALLEL TO THE CONTOURS.

THE CONTRACTOR SHALL MODIFY EROSION CONTROL MEASURES TO ACCOMMODATE PROJECT PLANNING.

LEGEND:

Table with columns: SYMBOL / LINETYPE and DESCRIPTION. Includes symbols for 8" V, 8" SS HDPE, SS, P, CDH, G, and proposed lines for water, electrical, communication, and gas pipes.

NOTE: LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN PLAN SET.

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ALL ACCESS TO PROPERTY WILL BE FROM PUBLIC RIGHT-OF-WAYS.

THE CONTRACTOR IS REQUIRED BY STATE AND FEDERAL REGULATIONS TO PREPARE A STORM WATER POLLUTION PREVENTION PLAN AND FILE A "NOTICE OF INTENT" WITH THE UTAH DIVISION OF WATER QUALITY.

MAINTENANCE:

ALL BEST MANAGEMENT PRACTICES (BMP'S) SHOWN ON THIS PLAN MUST BE MAINTAINED AT ALL TIMES UNTIL VEGETATION IS RE-ESTABLISHED.

THE CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE MAKING BI-WEEKLY CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIR OR SEDIMENT REMOVAL IS NECESSARY. CHECKS SHALL BE DOCUMENTED AND COPIES OF THE INSPECTIONS KEPT ON SITE.

SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF BARRIER.

SEDIMENT TRACKED ONTO PAVED ROADS MUST BE CLEANED UP AS SOON AS PRACTICAL, BUT IN NO CASE LATER THAN THE END OF THE NORMAL WORK DAY. THE CLEAN UP WILL INCLUDE SWEEPING OF THE TRACKED MATERIAL, PICKING IT UP, AND DEPOSITING IT TO A CONTAINED AREA.

EXPOSED SLOPES:

ANY EXPOSED SLOPE THAT WILL REMAIN UNTOUCHED FOR LONGER THAN 14 DAYS MUST BE STABILIZED BY ONE OR MORE OF THE FOLLOWING METHODS:

- A) SPRAYING DISTURBED AREAS WITH A TACKIFIER VIA HYDROSEED
B) TRACKING STRAW PERPENDICULAR TO SLOPES
C) INSTALLING A LIGHT-WEIGHT, TEMPORARY EROSION CONTROL BLANKET

* SEED MIXTURE FOR REVEGETATION

- a. MEADOW BROME (RIGOR) 14lb/ac
b. ORCHARD GRASS 10lb/ac
c. ALFALFA (ADAK) 4lb/ac

ABBREVIATIONS:

- BG - BUILDING
BS - BOTTOM OF STEP
BW - BOTTOM OF WALL
EX - EXISTING
FG - FINISHED GRADE
FL - FLOWLINE
GR - GRAVEL
NIC - NOT IN CONTRACT
TC - TOP OF CONCRETE
TS - TOP OF STEP

WEBER COUNTY

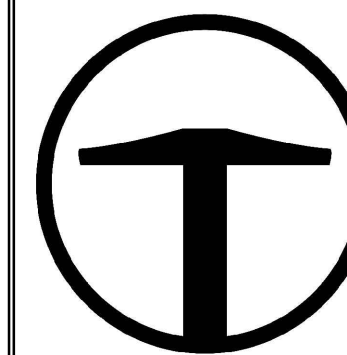
2380 WASHINGTON BLVD. #240
OGDEN, UT 84401
(801) 399-8374

ROCKY MOUNTAIN POWER

1438 WEST 2550 SOUTH
OGDEN, UT 84401
(801) 629-4429

POWDER MOUNTAIN WATER & SEWER DISTRICT

PO BOX 270
EEDEN, UT 84310
(801) 745-0912



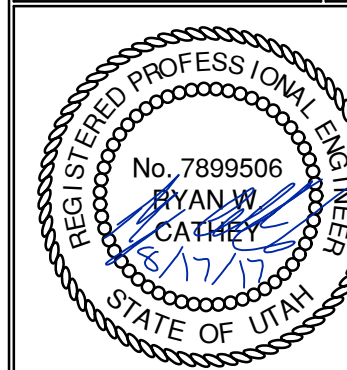
TALISMAN CIVIL CONSULTANTS
5217 SOUTH STATE STREET
SUITE 200
MURRAY, UT 84107
801.743.1500

Table with columns: NO., DATE, BY, REVISED

DATE SUBMITTED: 08.17.2017

TCC JOB NUMBER: 17-062

RIDGE NEST LOT 7
GENERAL NOTES AND LEGEND

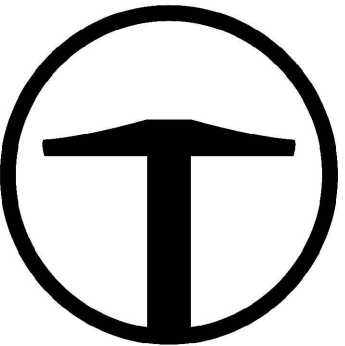
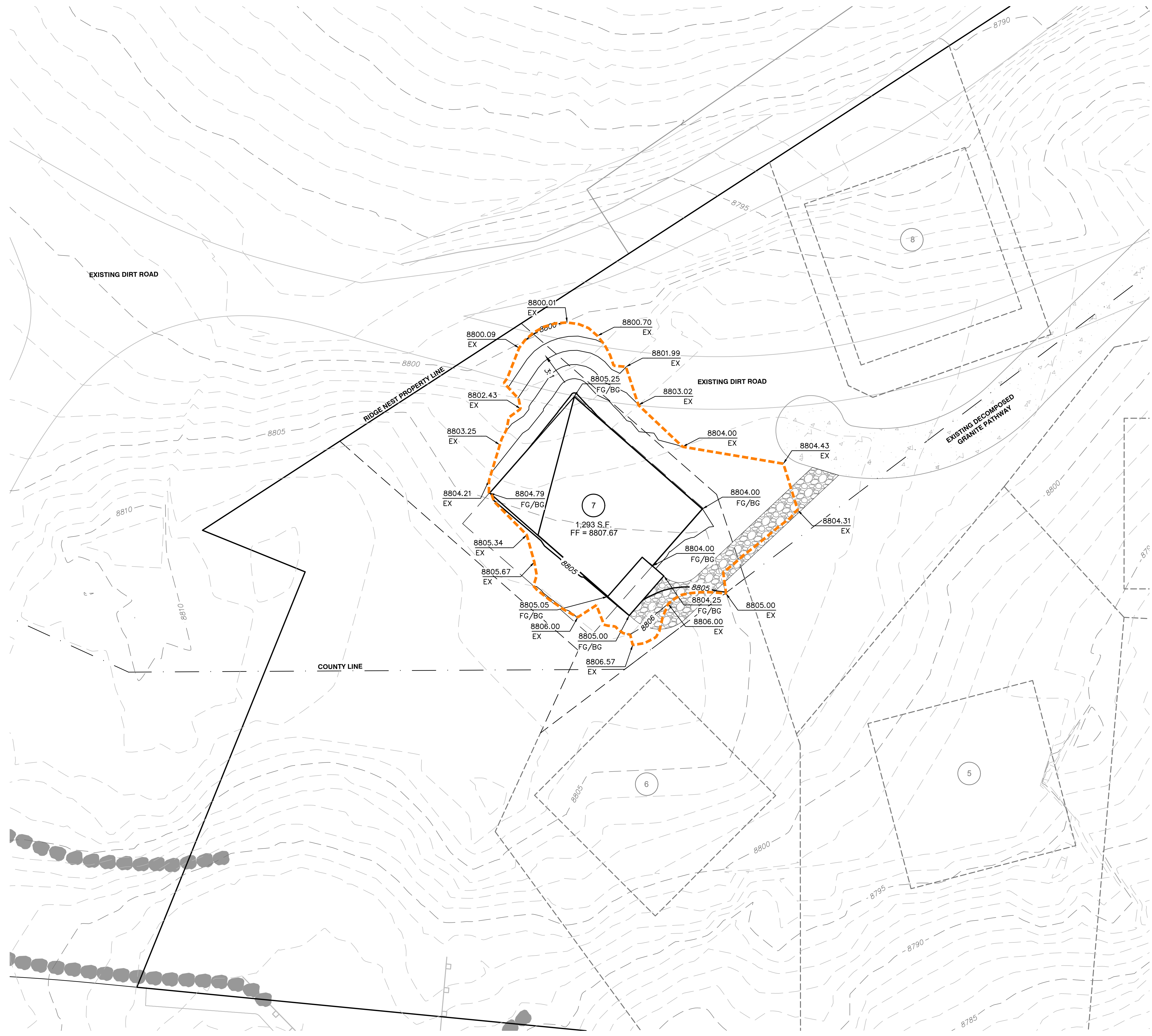


PLAN REVIEW ACCEPTANCE stamp with checkboxes for Building, Mechanical, Electrical, Accessibility, Structural, Plumbing, Energy, Fire.



DATE: 8/17/2017 10:04 AM

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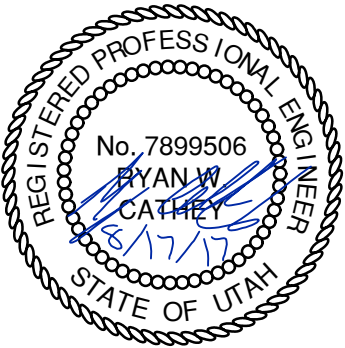
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NO.	BY	DATE	REVISIONS

RIDGE NEST LOT 7
GRADING PLAN

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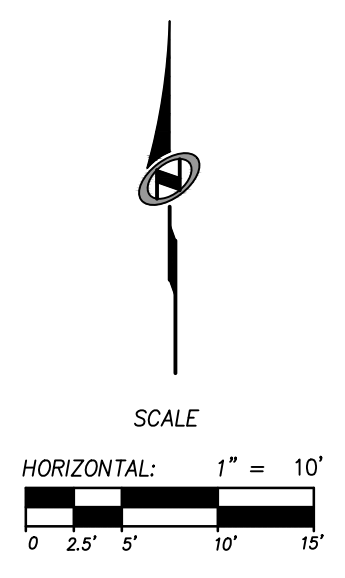


PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE
 CONSTRUCTION CODES IDENTIFIED BELOW.

BUILDING STRUCTURAL
 MECHANICAL PLUMBING
 ELECTRICAL ENERGY
 ACCESSIBILITY FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS
 DOES NOT AUTHORIZE CONSTRUCTION TO
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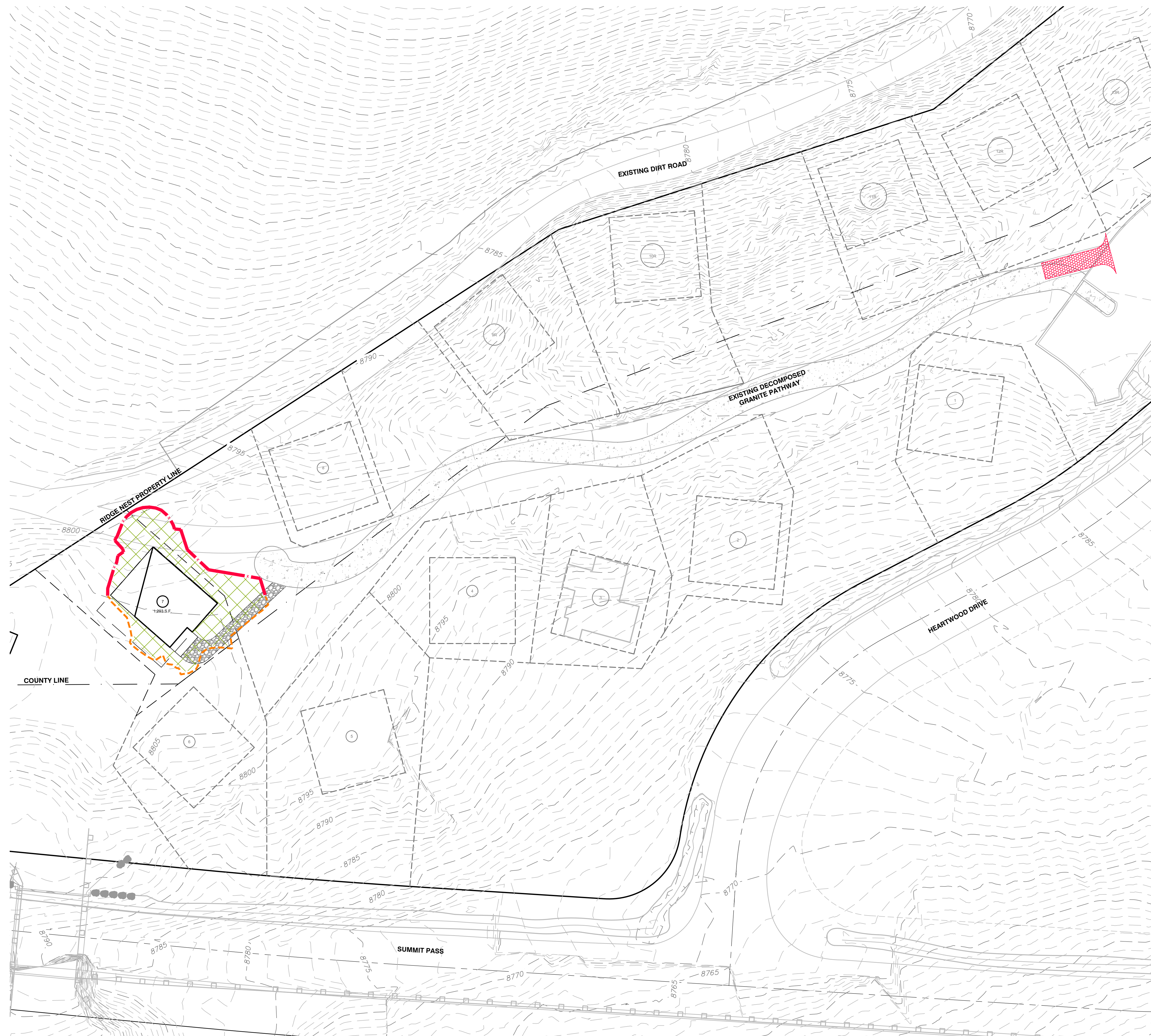


SHEET NUMBER
C301
 3 OF 6



DATE: 8/17/2017 10:05 AM

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EROSION CONTROL GENERAL NOTES:
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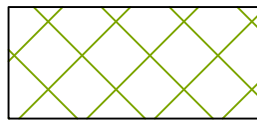



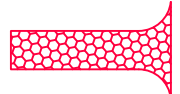
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SCOPE OF WORK:
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

-  HATCHING INDICATES AREAS TO RECEIVE 4" TOPSOIL AND TO BE SEEDED FOR NATURAL VEGETATION. AREAS RECEIVING SEEDING FOR NATURAL REVEGETATION ON SLOPES OF 3:1 OR STEEPER MUST BE COVERED WITH AN EROSION CONTROL BLANKET AFTER THE FINAL GRADING AND SEEDING ARE FINISHED. INSTALL NORTH AMERICAN GREEN SC-150 BLANKET OR APPROVED EQUAL. FOLLOW MANUFACTURER'S SPECIFICATIONS.
-  INSTALL INLET PROTECTION IN FORM OF CONCRETE BLOCKS / FILTER CLOTH / GRAVEL OR SILT SACK AT EXISTING AND PROPOSED CATCH BASINS AS SHOWN ON PLAN. SEE EROSION CONTROL DETAILS ON SHEET C501.
-  INSTALL SILT FENCE ALONG DOWN GRADIENT LIMITS OF DISTURBANCE AS SHOWN ON PLAN. SEE EROSION CONTROL DETAILS ON SHEET C501.
-  INSTALL ORANGE SAFETY FENCING AROUND OUTER LIMITS OF PROJECT PRIOR TO GRADING.
-  STABILIZED CONSTRUCTION ENTRANCE FOR SITE INGRESS/EGRESS. IF ALTERNATE ACCESS POINTS ARE APPROVED BY OWNER, ADDITIONAL STABILIZED CONSTRUCTION ENTRANCES WILL BE REQUIRED.

SEED MIXTURE FOR REVEGETATION
 40% MOUNTAIN BROME (BROMUS MARGINATUS)
 25% SLENDER WHEATGRASS (ELYMUS TRACHYCAULUS SPP. TRACHYCAULUS)
 5% SHEEP FESCUE (FESTUCA OVINA SPP. DURIUSCULA)
 5% ALPINE BLUEGRASS (POA ALPINE)
 25% THICKSPIKE WHEATGRASS (ELYMUS LANCEOLATUS SPP. LANCEOLATUS)

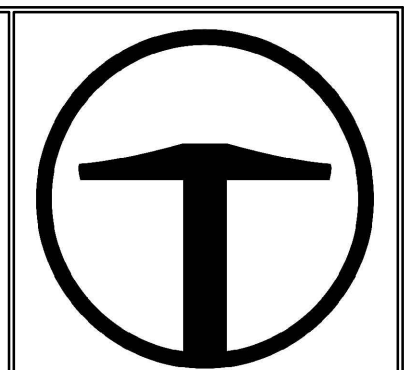
SEEDING RATE IS 40 POUNDS PER ACRE.

PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
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<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

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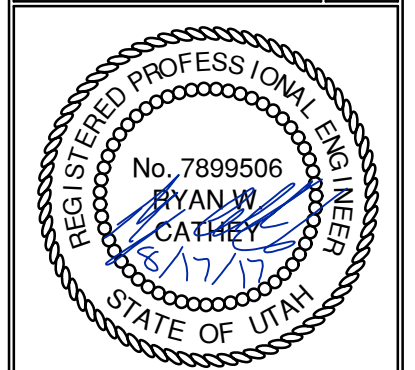
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 MURRAY, UT 84107
 801.743.1300

NO.	DATE	BY	REVISIONS

TCC JOB NUMBER: 17-062

RIDGE NEST LOT 7
EROSION CONTROL PLAN

DATE SUBMITTED: 08.17.2017



SCALE
 HORIZONTAL: 1" = 10'
 0 2.5' 5' 10' 15'

SHEET NUMBER
C401
 4 OF 6



Silt fence

- 1. GENERAL
 - A. Description. A temporary sediment barrier consisting of a filter fabric stretched across and attached to supporting posts and entrenched.
 - B. Application. To intercept sediment from disturbed areas of limited extent.
 - C. Perimeter Control: Place barrier at down gradient limits of disturbance.
 - D. Sediment Barrier: Place barrier at toe of slope or soil stockpile.
 - E. Protection of Existing Waterways: Place barrier at top of stream bank.
 - F. Inlet Protection.
- 2. PRODUCTS
 - A. Fabric. Synthetic filter fabric shall be a pervious sheet of propylene, nylon, polyester, or polyethylene yarn. Synthetic filter fabric shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of 6 months of expected usable construction life at a temperature range of 0 deg F to 120 deg F.
 - B. Burlap. 10 ounces per square yard of fabric.
 - C. Posts. Either 2" x 4" diameter wood, or 1.33 pounds per linear foot steel with a minimum length of 5 feet, or steel posts with projections for fastening wire to them.
- 3. EXECUTION
 - A. Cut the fabric on site to desired width, unroll, and drape over the barrier. Secure the fabric toe with rocks or dirt and secure the fabric to the mesh with twin, staples or similar devices.
 - B. When attaching two silt fences together, place the end post of the second fence inside the end post of the first fence. Rotate both posts at least 180 degrees on a clockwise direction to create a tight seal with the filter fabric. Drive both posts into the ground and bury the flap.
 - C. When used to control sediments from a steep slope, place silt fences away from the toe of the slope for increased holding capacity.
 - D. Maintenance.
 - 1) Inspect immediately after each rainfall and at least daily during prolonged rainfall.
 - 2) Should the fabric on a silt fence or filter barrier decompose or become ineffective before the end of the expected usable life and the barrier still be necessary, replace the fabric promptly.
 - 3) Remove sediment deposits after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
 - 4) Re-anchor fence as necessary to prevent shortcutting.
 - 5) Inspect for runoff bypassing ends of barriers or undercutting barriers.

6

Inlet protection - fence or straw bale

- 1. GENERAL
 - A. Description. A temporary sediment barrier around storm drain inlet.
 - B. Application. At inlets in paved or unpaved areas where up gradient area is to be disturbed by construction activities.
- 2. PRODUCT (Not used)
- 3. EXECUTION
 - A. Installation and application criteria.
 - 1) Provide up gradient sediment controls, such as silt fence during construction of inlet.
 - 2) When construction of inlet is complete erect straw bale barrier, silt fence or other approved sediment barrier surrounding perimeter of inlet.
 - 3) Install filter fabric completely around grate.
 - B. Maintenance.
 - 1) Inspect inlet protection after every large storm event and at a minimum of once monthly.
 - 2) Remove sediment accumulated when it reaches 4-inches in depth.
 - 3) Repair or re-align barrier or fence as needed.
 - 4) Look for bypassing or undercutting and re-compact soil around barrier or fence as required.

14

Stabilized roadway entrance

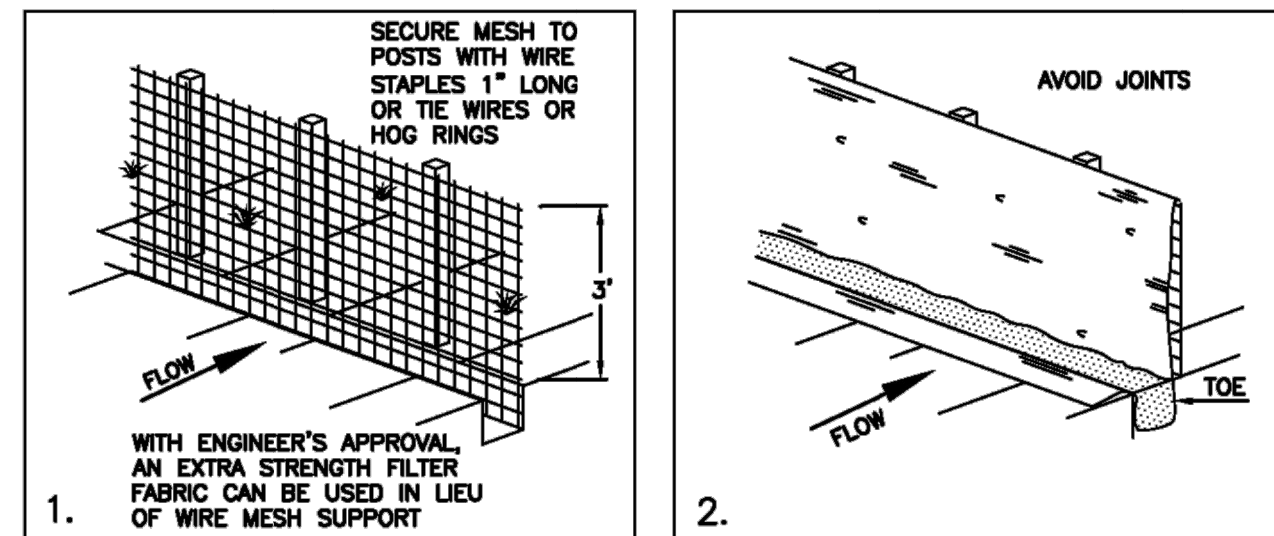
- 1. GENERAL
 - A. Description. A temporary stabilized pad of gravel for controlling equipment and construction vehicle access to the site.
 - B. Application. At any site where vehicles and equipment enter the public right of way.
- 2. PRODUCT (Not used)
- 3. EXECUTION
 - A. Clear and grub area and grade to provide maximum slope of 1 percent away from paved roadway.
 - B. Compact subgrade.
 - C. Place filter fabric under stone if desired (recommended for entrance area that remains more than 3 months).
 - D. Maintenance.
 - 1) Prevent tracking or flow of mud into the public right-of-way.
 - 2) Periodic top dressing with 2-inch stone may be required, as conditions demand, and repair any structures used to trap sediments.
 - 3) Inspect daily for loss of gravel or sediment buildup.
 - 4) Inspect adjacent area for sediment deposit and install additional controls as necessary.
 - 5) Expand stabilized area as required to accommodate activities.

18

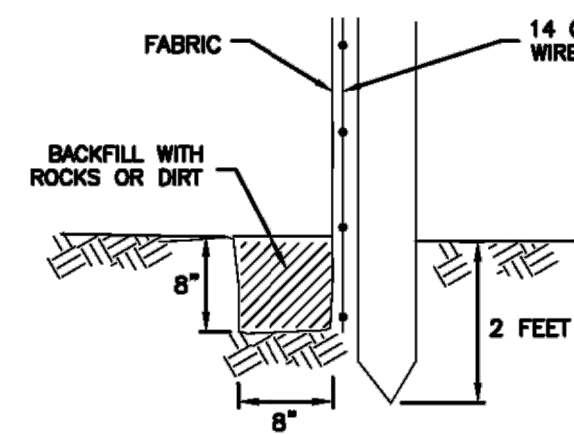
NARRATIVE: THIS PLAN MAY BE USED FOR THE CONSTRUCTION OF A STORM WATER BEST MANAGEMENT PRACTICE (BMP). IT IS NOT INCLUSIVE OF ALL PRACTICES AVAILABLE AND IS ONLY SPECIFIC TO THE CONSTRUCTION OF THIS TYPE. MAINTENANCE OF THIS TYPE OF INSTALLATION IS IMPORTANT AND SHOULD BE CONTINUOUSLY MONITORED BY THE CONTRACTOR AND ENGINEER. DETAILS SHOWN HERE HIGHLIGHT IMPORTANT PARTS OF CONSTRUCTION, AND SHOULD BE MODIFIED AS NEEDED.

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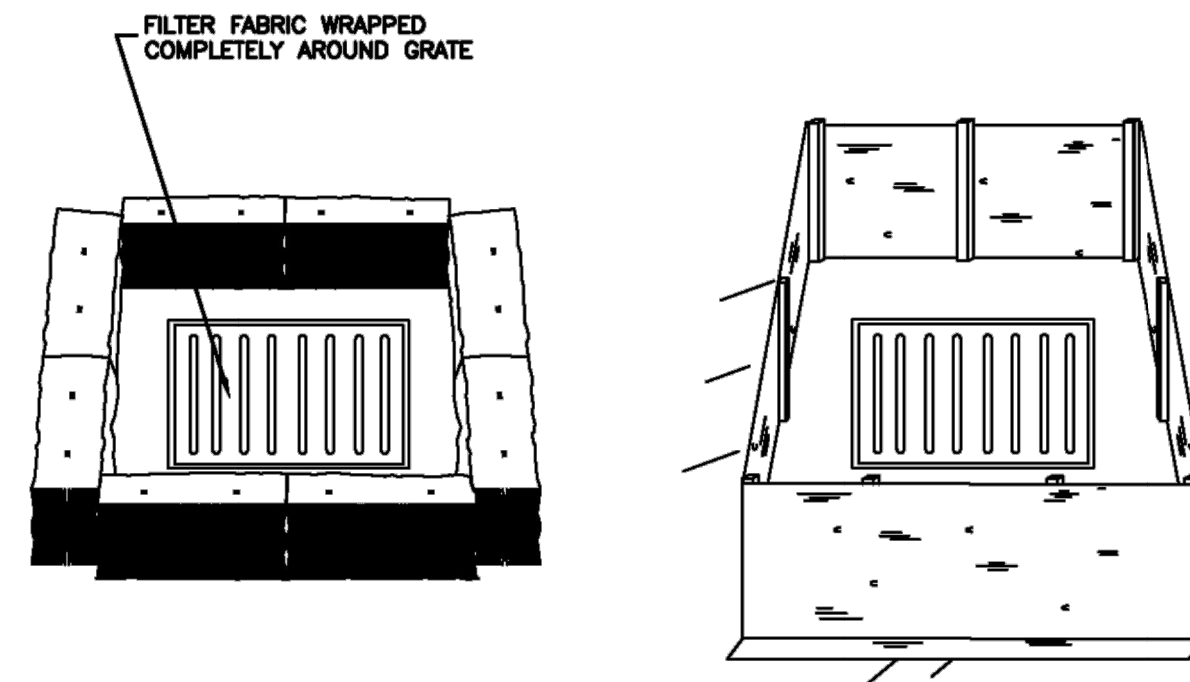
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INSTALLATION SEQUENCE

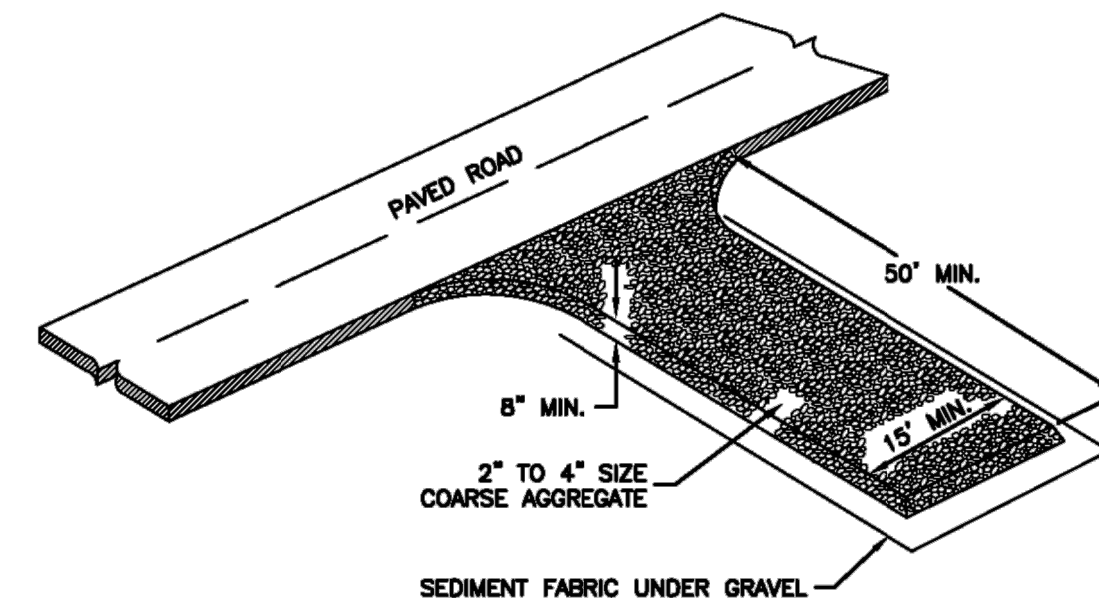


TOE DETAIL



STRAW BALE BARRIER (PLAN No. 121)

SILT FENCE (PLAN No. 122)



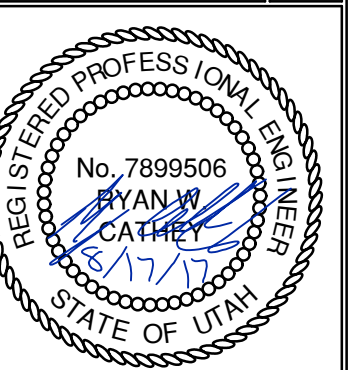
Stabilized roadway entrance

NO.	BY	DATE	REVISIONS

DATE SUBMITTED: 08.17.2017

TCC JOB NUMBER: 17-062

RIDGE NEST LOT 7
DETAILS



PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

BUILDING STRUCTURAL
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DATE: 8/17/2017 10:05 AM

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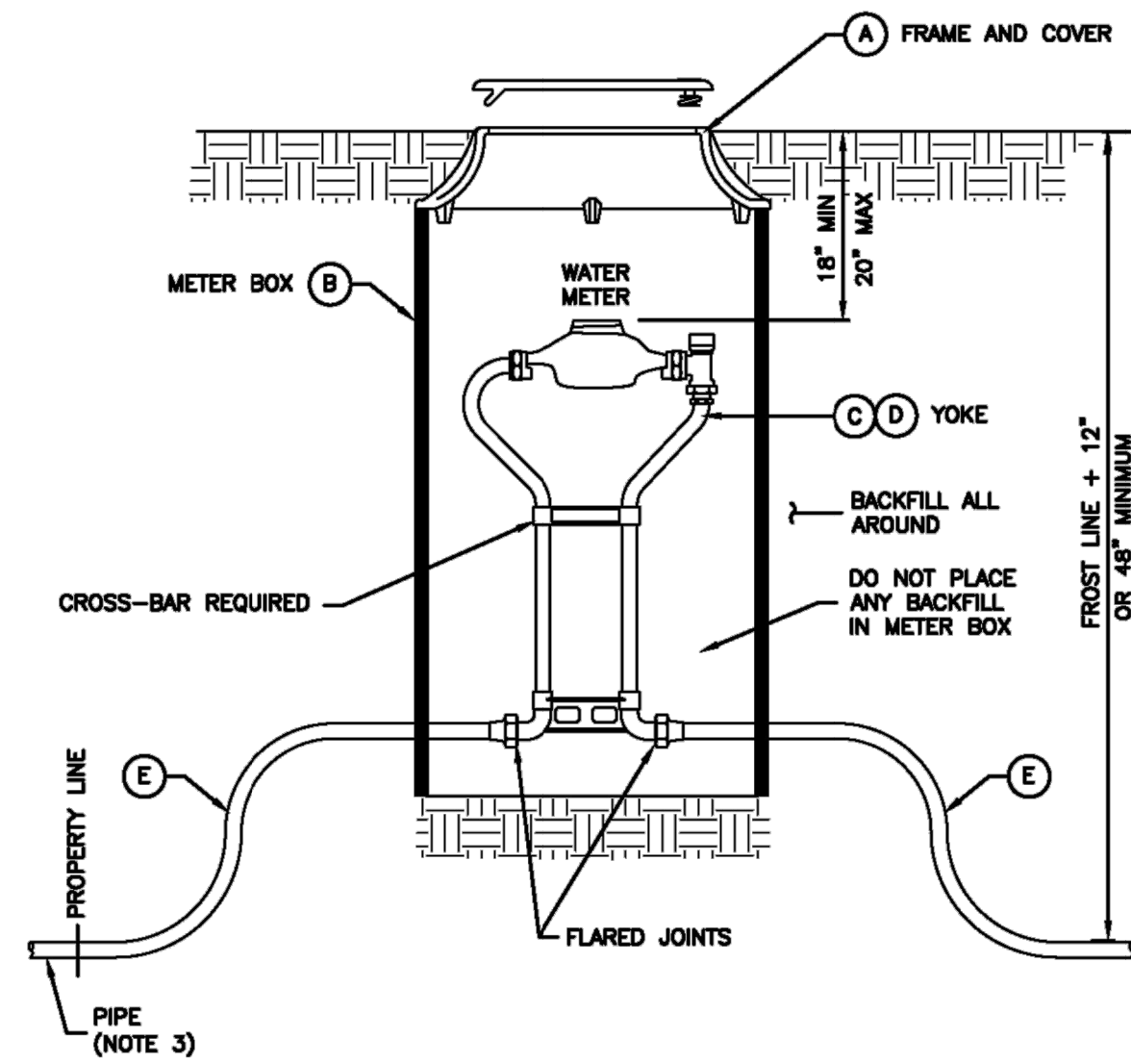
3/4" and 1" meter

1. **GENERAL**
 - A. In street surfaces or other vehicular traffic areas (like driveway approaches), Install the same type of meter box as required for 1 1/2" and 2" service meters. See Plan 522.
 - B. Before backfilling, secure inspection of installation by ENGINEER.
2. **PRODUCTS**
 - A. Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
 - C. Castings: Grey iron class 35 minimum per ASTM A 48, coated with asphalt based paint or better.
3. **EXECUTION**
 - A. Meter Placement:
 - 1) All meters are to be installed in the park strip or within 7 feet of the property line (street side).
 - 2) Do not install meters under driveway approaches, sidewalks, or curb and gutter.
 - B. Meter Box: Set box so grade of the frame and cover matches the grade of the surrounding surface.
 - C. Pipe Outside of Right-of-Way: Coordinate with utility agency or adjacent property owner for type of pipe to be used outside of right-of-way.
 - D. Inspection: Before backfilling around meter box, secure inspection of installation by ENGINEER.
 - E. Base Course and Backfill Placement: Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26. Maximum lift thickness before compaction is 6-inches.

Water service line

1. **GENERAL**
 - A. Before backfilling, secure inspection of installation by ENGINEER.
2. **PRODUCTS**
 - A. Fittings: Provide brass fittings and nipples. Do not use galvanized materials.
 - B. Backfill: Common fill, APWA Section 31 05 13. Maximum particle size 2-inches.
3. **EXECUTION**
 - A. Backfill: Maximum lift thickness is 8-inches before compaction. Compaction is 95 percent or greater relative to a modified proctor density, APWA Section 31 23 26.

238



SECTION

LEGEND		DESCRIPTION
A	FRAME AND COVER	CAST IRON COVER (grass) DUCTILE IRON COVER (driveway)
B	METER BOX (18" TO 21" DIAMETER) (30" TO 36" DEEP)	CORRUGATED PE, PVC, CMP OR MATERIAL ACCEPTABLE TO AGENCY
C	3/4" METER YOKE	OPTIONAL BACKFLOW PROTECTION PER AGENCY REQUIREMENTS
D	1" METER YOKE	OPTIONAL BACKFLOW PROTECTION PER AGENCY REQUIREMENTS
E	COPPER PIPE	TYPE K (SOFT)

* FURNISHED BY UTILITY AGENCY

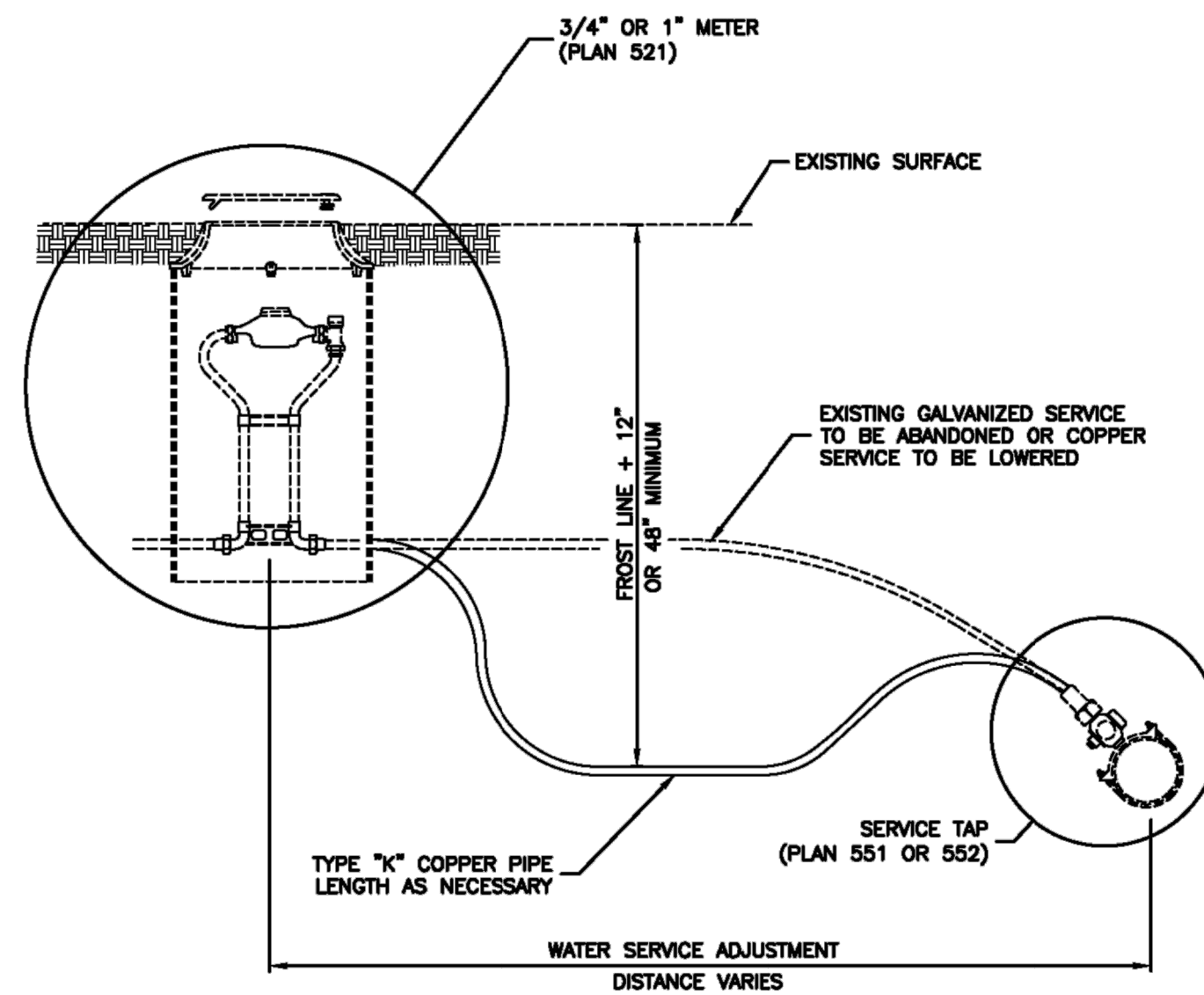
3/4" and 1" meter

239

Plan
541

August 2001

252

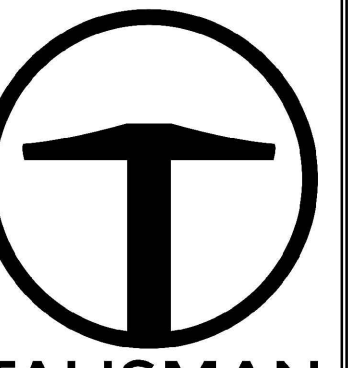


Water service line

253

Plan
541

August 2001



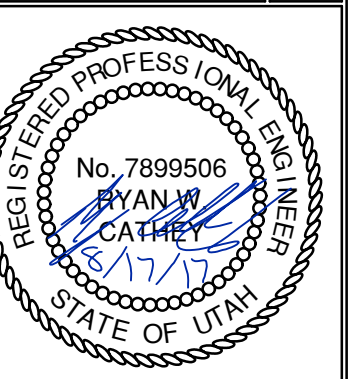
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SHEET NUMBER
C502

6 OF 6