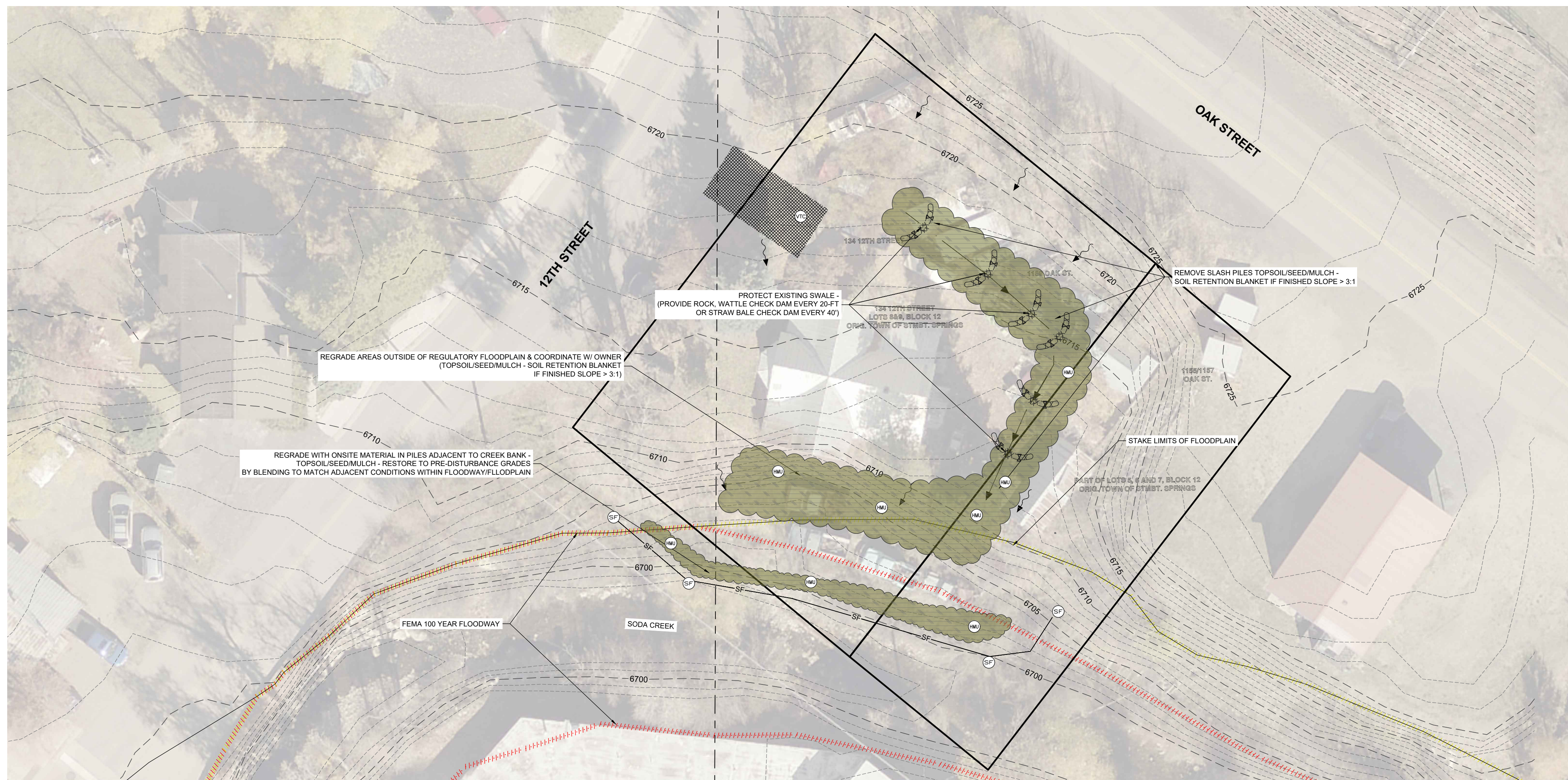


APPROXIMATE EXISTING CONDITIONS



PROPOSED STABILIZATION



NORTH
 20' 0 20' SCALE SCAL: Feet
 (IN FEET)
 1 inch = 20' ft.

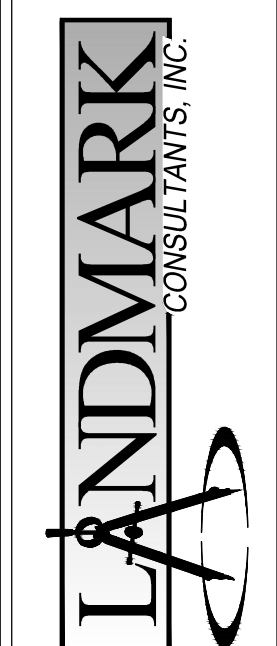
TEMPORARY & PERMANENT BMP'S

- WATTLE DIKE (WD)
- VEHICLE TRACKING CONTROL PAD (VTC)
- REVEG AREA (TOPSOIL/SEED/MULCH OR BLANKET) (HMU)
- SILT FENCE (SF)
- OVERLAND FLOW DIRECT FLOW

NOTES:

1. **DISCLAIMER:** THIS EXHIBIT IS FOR CONVENIENCE AND LANDMARK CONSULTANTS, INC. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, THAT THE EROSION CONTROL INFORMATION SHOWN HEREON WILL SATISFY REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION OR PERMITTING REGION ON OWN RISK.
2. IT SHOULD BE NOTED THAT ANY EROSION CONTROL PLAN SERVES ONLY AS A GUIDELINE TO THE CONTRACTOR. STAGING AND/OR PHASING OF BEST MANAGEMENT PRACTICES (BMP'S) IS EXPECTED. ADDITIONAL AND/OR DIFFERENT BMP'S FROM THOSE ORIGINALLY DEPOSITED MAY BE NECESSARY DURING CONSTRUCTION DUE TO CHANGING SITE CONDITIONS OR AS REQUIRED BY LOCAL AUTHORITIES.
3. STRIP VEGETATION AND TOPSOIL, STOCKPILE AND COVER FOR REPLACEMENT AFTER CONSTRUCTION IS COMPLETE. THIS SOIL MUST BE KEPT MOIST.
4. TOPSOIL SHOULD BE CONSIDERED AS ANY SOIL MATERIAL THAT IS SUITABLE AS A PLANT GROWTH MEDIUM WHICH WILL ULTIMATELY PRODUCE A VEGETATIVE GROUND COVER CAPABLE OF PREVENTING SURFACE EROSION. TOPSOIL SUITABILITY IS DEPENDENT ON DEPTH, TEXTURE, ORGANIC MATTER, FERTILITY, AND COARSE FRAGMENT CHARACTERISTICS.
5. THE SALVAGED TOPSOIL SHOULD BE SECURELY STORED AWAY FROM ALL CONSTRUCTION ACTIVITIES, COVERED, AND HYDROLOGICALLY ISOLATED FROM WATERCOURSES.
6. EXCAVATION EQUIPMENT SHALL BE TRACK VEHICLES UNLESS PROJECT SITE ALLOWS FOR RUBBER Tired EQUIPMENT.
7. MINIMIZE THE AREA OF EXPOSED SOILS AT ANY ONE TIME TO THAT ABSOLUTELY NECESSARY FOR PROJECT CONSTRUCTION.
8. CUTS AND FILLS AND COMPLETE VEGETATION REMOVAL ON EXTENSIVE AREAS SHOULD BE AVOIDED TO THE MAXIMUM EXTENT WHEN POSSIBLE.
9. REGRADE AND RE-TOPSOIL DISTURBED AREAS BY MOVING EQUIPMENT ACROSS THE SLOPE RATHER THAN UP AND DOWN THE SLOPE.
10. DOZED SURFACES SHOULD BE LEFT ROUGH OR STEPPED INSTEAD OF BACKBLADED SMOOTH. A ROUGH SURFACE WILL AID IN HOLDING MOISTURE AND REDUCING EROSION.
11. ALL ERODIBLE CUT AND FILL AREAS MUST BE BACKSLOPED TO A DEGREE WHICH WILL ALLOW PROPER REVEGETATION, AS A GENERAL RULE, 1:1 OR FLATTER.
12. IN ORDER TO REDUCE THE COMPACTION, ANY GROUND DISTURBING ACTIVITIES WILL NOT BEGIN UNTIL SOILS HAVE BEEN DRIED OUT. USE HEAVY EQUIPMENT ONLY WHEN THE WATER TABLE IS MORE THEN 3FT BELOW THE SURFACE AND SOIL MOISTURE IS BELOW THE PLASTIC LIMIT.
13. GRADING AND OTHER GROUND DISTURBING ACTIVITIES SHOULD NOT BE CARRIED OUT DURING PERIODS OF HEAVY PRECIPITATION.
14. INTERCEPT AND CAPTURE RUNOFF FROM UNDISTURBED AREAS AND PREVENT IT FROM ENTERING THE DISTURBED AREAS.
15. HAVE AN ADEQUATE SUPPLY OF SURFACE AND EROSION CONTROL MATERIALS (SILT FENCE, WEED-FREE HAY/STRAW BALES, AND TOOLS) ON SITE AT ALL TIMES FOR EMERGENCIES.
16. WATER BARS SHOULD BE CONSTRUCTED ON ALL DISTURBED SOIL IMMEDIATELY AFTER DISTURBED AND BEFORE REVEGETATION WORK IS COMPLETED.
17. REVEGETATION ON ANY AREA MAY BE REQUIRED WHERE GROUND COVER IS DISTURBED, AS A GENERAL GUIDELINE, REVEGETATION SHOULD RECOVER TO ITS NORMAL RANGE OF VARIABILITY FOR THE LAND TYPE AND GEOCLIMATIC AREA BY THE END OF THE THIRD GROWING SEASON. NATIVE PLANT SPECIES SHOULD ULTIMATELY DOMINATE THE SITE, ALTHOUGH INTRODUCING ANNUAL SPECIES MAY BE USED TO ENSURE VEGETATION COVER INITIALLY.
18. SEEDING SHOULD OCCUR IN THE FALL AND IMMEDIATELY AFTER A RAIN OR THE FIRST SNOWFALL, ON HIGH ELEVATION SLOPES OR AREAS OF SPECIAL EROSION CONCERNS, REVEGETATION SHOULD BE COMPLETED IMMEDIATELY AFTER THE DISTURBANCE.
19. WHEN NO SEEDING IS NEEDED OR SEEDING WILL BE ACCOMPLISHED IN THE FALL, THEN EROSION CONTROL MEASURES AND MULCHING NEED TO BE APPLIED IMMEDIATELY AFTER RECONTOURING IS COMPLETED ON ALL AREAS WITH ERODIBILITY POTENTIAL.
20. SEED MIXTURES SHOULD BE DESIGNED BASED ON SITE-SPECIFIC CONDITIONS OF A PARTICULAR AREA (I.E. ELEVATION, ASPECT, VEGETATION COMMUNITY TYPE, SITE MOISTURE, SOIL TYPE ETC.) TO MEET THE SPECIFIC OBJECTIVES OF REVEGETATION. SPECIES NAME AND VARIETY, GERMINATION PERCENT, AND PURE LIVE SEED SHOULD BE SPECIFIED ON THE BAG.
21. ONLY CERTIFIED WEED-FREE SEED SOURCES WILL BE UTILIZED. ALL SEED PURCHASES WILL BE REQUIRED TO BE TESTED FOR ALL STATES NOXIOUS WEEDS ACCORDING TO THE ASSOCIATION OF OFFICIAL SEED ANALYSTS (AOSA) STANDARDS AND WILL BE CERTIFIED IN WRITING BY A REGISTERED SEED TECHNOLOGIST OR SEED ANALYST AS MEETING THE REQUIREMENTS OF THE FEDERAL SEED ACT AND THE APPROPRIATE STATE SEED LAW REGARDING TESTING, LABELING, SALE AND TRANSPORT OF PROHIBITED AND RESTRICTED NOXIOUS WEEDS.
22. SEED SHOULD BE PRIMARILY OF NATIVE SPECIES AND VARIETIES. IF NON-NATIVE SPECIES ARE DEMONSTRATED TO NOT BE OVERLY AGGRESSIVE AND ALLOW FOR ESTABLISHMENT OF NATIVE SPECIES, THEN SEED MIX CONTAINING NON-NATIVES MAY BE ALLOWED, SUCH AS STEELE WHEAT OR WINTER RYE.
23. BROADCAST SEEDING SHOULD BE AT A RATE OF 40 TO 80 LBS PER ACRE.
24. IF HYDROMULCH IS USED, APPLICATION OF THE SEED SHOULD BE SEPARATE FROM THE MULCH TO PREVENT THE SEED FROM BEING "CAUGHT-UP" IN THE MULCH, GERMINATING, AND NOT COMING IN CONTACT WITH THE MINERAL SOIL.
25. SEED SHOULD BE LIGHTLY RAKED OR HARROWED INTO THE SOIL.
26. MONITORING SHOULD BE IMPLEMENTED TO DETERMINE BMP SUCCESSES.
 - REVEGETATION SUCCESSES.
 - SHEET AND RILL EROSION, GULLIES, SLUMPING, AND SUBSIDENCE.
 - EFFECTIVENESS OF EROSION CONTROL MEASURES.
 - NOXIOUS AND UNDESIRABLE WEED INVASION.
 - EVIDENCE OF EXCESSIVE LIVESTOCK AND WILDLIFE GRAZING.
25. THE FOLLOWING PERFORMANCE STANDARDS SHOULD BE USED TO DETERMINE WHETHER THE OBJECTIVES OF THE EROSION CONTROL AND REVEGETATION PLAN HAVE BEEN MET AT A GIVEN TIME. A REFERENCE TRANSECT SHOULD BE ESTABLISHED FOR BASELINE CONDITIONS.
 - PERCENT COVER-75% OF THE TOTAL VEGETATION COVER MEASURED FOR THE REFERENCE TRANSECT.
 - DOMINANT SPECIES-90% OF THE REVEGETATION CONSISTS OF SPECIES CONTAINED IN THE APPLIED SEED MIX AND THAT OCCUR IN THE REFERENCE TRANSECT.
 - SEEDLING DENSITY-THE DENSITY AND ABUNDANCE OF SEEDLINGS IS AT LEAST 3 TO 4 SEEDLINGS PER SQUARE FOOT.
 - EROSION CONDITION/SOIL FACTOR-EROSION CONDITION OF THE RECLAIMED AREA IS EQUAL TO OR IN BETTER CONDITION THAN THAT MEASURED FOR THE REFERENCE TRANSECT.
26. PHOTOGRAPHS SHOULD BE TAKEN EACH YEAR AT ESTABLISHED POINTS TO DOCUMENT THE RECLAMATION EFFORT AND MAINTAIN A CONSISTENT PHOTOGRAPHIC RECORD.
27. CONDITIONS IN THE FIELD MAY WARRANT EROSION CONTROL MEASURES IN ADDITION TO WHAT IS SHOWN ON THESE PLANS. IMPLEMENT WHAT EVER MEASURES ARE DETERMINED NECESSARY PER THE PROJECT STORMWATER MANAGEMENT PLAN.

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DESCRIPTION:
REVIEW SET
NOT FOR CONSTRUCTION
 xx/xx/xx

PROJECT:	2238-002
DATE:	4/12/2019
DRAWN BY:	TB
CHECKED BY:	RS

Guler Property - 134 12th St./1169 Oak St.
 Temporary Erosion Control Exhibit

DRAWING FILENAME: P:\2238\002\Drawings\2238-002-Cover-Exhibit-03.dwg (LAYOUT) DATE: Apr 15, 2019 10:59 AM CAD OPERATOR: TM
 LIST OF XREFS: (DO NOT INCLUDE)