LEGAL DESCRIPTION

A TRACT OF LAND LOCATED IN A PORTION OF SECTION 9, IN TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M., EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS COMMENCING AT THE NORTH 1/4 CORNER OF SAID SECTION 9;

THENCE S00"19'32"E. ALONG THE NORTH-SOUTH CENTERLINE OF SAID SECTION 9. A DISTANCE OF 1612.07 FEET TO A POINT ON THE SOUTHERLY R.O.W. LINE OF BRADLEY ROAD AS RECORDED IN BOOK 5307 AT PAGE 1472 OF THE RECORDS OF SAID EL PASO COUNTY:

THE FOLLOWING 3 COURSES ARE ALONG THE SAID SOUTHERLY R.O.W. LINE OF BRADLEY ROAD.

- 1. THENCE S89'30'29"W A DISTANCE OF 3.78 FEET TO A POINT OF CURVE TO THE LEFT;
- 2. THENCE ON SAID CURVE, HAVING A RADIUS OF 2759.79 FEET, AN ARC LENGTH OF 730.29 FEET, A DELTA ANGLE OF 15°09'41", WHOSE LONG CHORD BEARS S81°55'38"W A DISTANCE OF 728.16 FEET;
- 3. THENCE S74°20'48"W A DISTSNCE OF 385.14 FEET TO THE POINT OF BEGINNING;

THENCE S15°39'12"E DEPARTING SAID RIGHT-OF-WAY LINE, A DISTANCE OF 449.99 FEET;

THENCE S74°20'48"W A DISTANCE OF 160.21 FEET;

THENCE N15°39'12"W A DISTANCE OF 20.00 FEET;

THENCE S74°20'48"W A DISTANCE OF 199.80 FEET TO A POINT OF CURVE TO THE RIGHT;

THENCE ON SAID CURVE, HAVING A RADIUS OF 75.00 FEET, AN ARC LENGTH OF 78.64 FEET, A DELTA ANGLE OF 60°04'25", WHOSE LONG CHORD BEARS N75°37'00"W A DISTANCE OF 75.08 FEET;

THENCE N15°39'12"W A DISTANCE OF 392.40 FEET, RETURNING TO SAID SOUTHERLY R.O.W. LINE OF BRADLEY ROAD;

THENCE S74°20'48"W, ALONG SAID SOUTHERLY R.O.W. LINE OF BRADLEY ROAD, A DISTANCE OF 425.01 FEET TO THE POINT OF BEGINNING.

PARCEL CONTAINS 1,852,42 SQUARE FEET OR 4.25 ACRES MORE OR LESS

TRAFFIC CONTROL NOTE

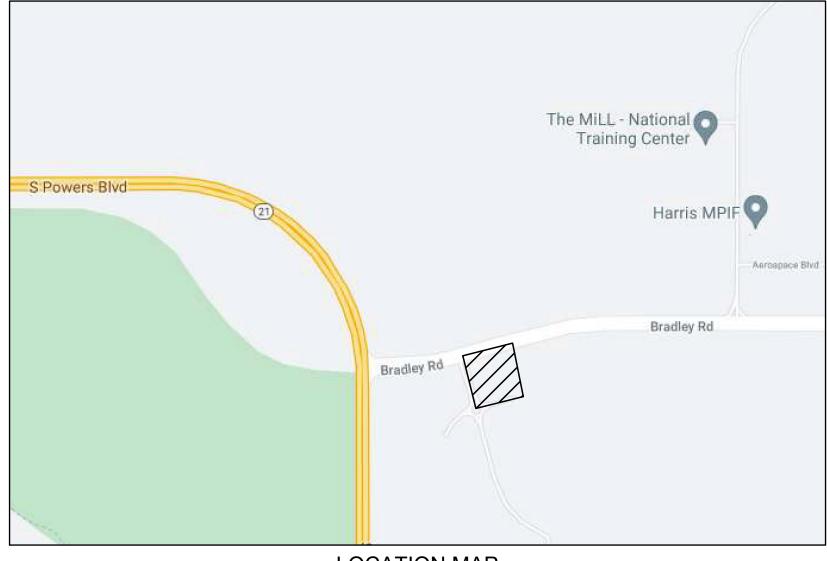
THE CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL DEVICES AND MONITORING NECESSARY TO SAFELY COMPLETE THE WORK SHOWN IN THESE CONSTRUCTION DOCUMENTS IN CONFORMANCE WITH M.U.T.C.D. GUIDELINES. THE CONTRACTOR SHALL COMPLETE ALL NECESSARY WORK FOR PLAN REVIEW, PERMITS AND PROCESSING. TRAFFIC CONTROL WILL NOT BE PAID FOR SEPARATELY BUT IS INCLUDED IN THE COST OF THE PROJECT.

SCHEDULE

BEGIN EARTHWORK JUNE 2023 FINAL STABILIZATION SEP 2023

VILLAS AT ASPEN TRAILS PRELIMINARY GRADING & **EROSION CONTROL PLAN**

LOCATED IN PORTION OF SECTION 9, TOWNSHIP 15 S, RANGE 65 W, OF THE 6TH P.M., EL PASO COUNTY, STATE OF COLORADO



LOCATION MAP

OWNER/DEVELOPER

ROS EQUITY HOLDING - INDEPENDENCE, LLC 17 S WAHSATCH AVE COLORADO SPRINGS, CO 80903 719-491-1590 CONTACT: RAYMOND O'SULLIVAN

EL PASO COUNTY

PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE, SUITE 110 COLORADO SPRINGS, COLORADO 80910 719-520-6695

WATER/SANITARY

WIDEFIELD WATER AND SANITATION DISTRICT 8495 FONTAINE BOULEVARD COLORADO SPRINGS, COLORADO 80925 719-390-7111

ELECTRIC

MOUNTAIN VIEW ELECTRIC ASSOCIATION 11140 E WOODMEN RD FALCON, CO. 80831 (719)495-2283

CABLE

COMCAST P.O. BOX 173838 DENVER, COLORADO 80217 970-641-4774

ENGINEER/PLANNER

DAKOTA SPRINGS ENGINEERING, LLC 31 N. TEJON, SUITE 500 COLORADO SPRINGS, CO 80903 719-227-7388 CONTACT: CHARLES K. COTHERN, P.E.

SECURITY FIRE **PROTECTION DISTRICT** 400 SECURITY BOULEVARD

SECURITY, COLORADO 80911 719-392-7121

GAS

COLORADO SRINGS UTILITIES 1521 HANCOCK EXPRESSWAY COLORADO SPRINGS, COLORADO 80903 719-668-8111

TELEPHONE

CENTURYLINK 7925 INDUSTRY ROAD COLORADO SPRINGS, COLORADO 80939 719-278-4651

CONTROL PLAN.

RAYMOND O'SULLIVAN MANAGER 17 S WAHSATCH AVE

FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUALS VOL. 1 AND 2, AND ENGINEERING CRITERIA MANUAL AS AMENDED.

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2 YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL. INCLUDING PAYMENT OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTORS DISCRETION.

JENNIFER IRVINE, P.E.

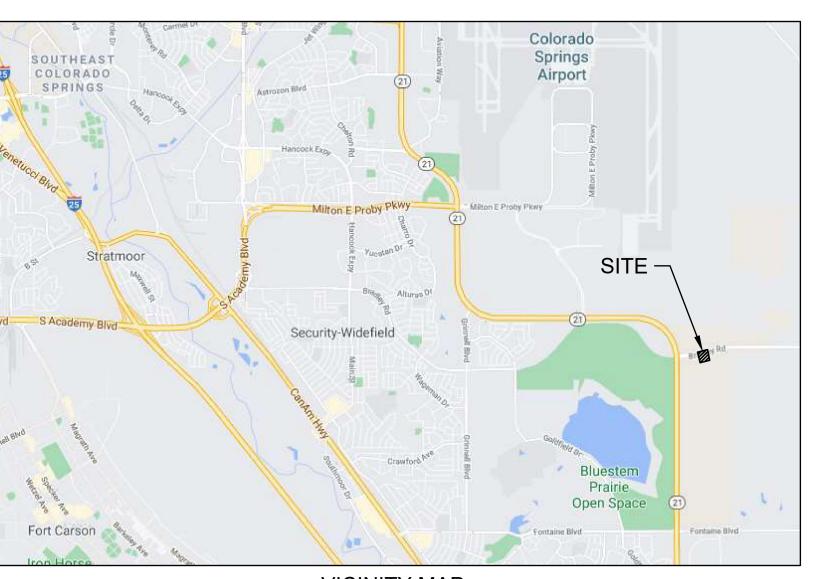
THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECTION AND SUPERVISION AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF SAID PLAN HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR GRADING AND EROSION CONTROL PLANS. I ACCEPT RESPONSIBILITY FOR ANY NEGLIGENT ACTS, ERRORS, OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

CHARLES K. COTHERN, P.E. 24997 FOR OR ON BEHALF OF DAKOTA SPRINGS ENGINEERING

SHEET LIST

- NO. TITLE
- 1 COVER 2 NOTES
- 3 GRADING PLAN
- 4 EROSION CONTROL PLAN
- 5 DETAILS 1 OF 2





VICINITY MAP



I. THE DEVELOPER HAVE READ AND WILL COMPLY WITH ALL OF THE REQUIREMENTS OF THE GRADING AND EROSION

BUSINESS NAME: ROS EQUITY HOLDING - INDEPENDENCE, LLC

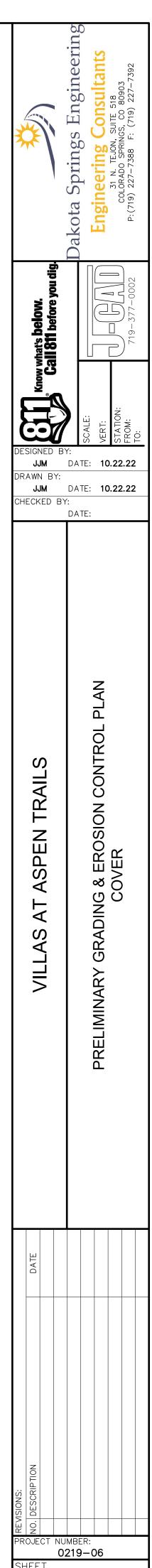
COLORADO SPRINGS, CO 80903

EL PASO COUNTY CONSTRUCTION APPROVAL

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT.

COUNTY ENGINEER/ECM ADMINISTRATOR

ENGINEER'S APPROVAL



1 OF 6

| | TANDARD NOTES FOR EL PASO COUNTY RADING AND EROSION CONTROL PLANS CONSTRUCTION MAY NOT COMMENCE UNTIL A CONSTRUCTION PERMIT IS OBTAINED FROM DEVELOPMENT SERVICES AND A PRECONSTRUCTION CONFERENCE IS HELD WITH DEVELOPMENT SERVICES INSPECTIONS. | C 1 |
|-----|---|---------------|
| 2. | STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF SITE WATERS, INCLUDING WETLANDS. | 2 |
| 3. | NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS TO REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. | 3 |
| 4. | A SEPARATE STORMWATER MANAGEMENT PLAN (SWMP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. DURING CONSTRUCTION THE SWMP IS THE RESPONSIBILITY OF THE DESIGNATED STORMWATER MANAGER, SHALL BE LOCATED ON SITE AT ALL TIMES AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD. | |
| 5. | ONCE THE ESQCP HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL BMPS AS INDICATED ON THE GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY DSD INSPECTIONS STAFF. | 4 |
| 6. | SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 21 CALENDAR DAYS AFTER FINAL GRADING, OR FINAL EARTH DISTURBANCE, HAS BEEN COMPLETED. DISTURBED AREAS AND STOCKPILES WHICH ARE NOT AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 30 DAYS SHALL ALSO BE MULCHED WITHIN 21 DAYS AFTER INTERIM GRADING. AN AREA THAT IS GOING TO REMAIN IN AN INTERIM STATE FOR MORE THAN 60 DAYS SHALL ALSO BE SEEDED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND BMPS SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND ESTABLISHED. | 5 |
| 7. | TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED WITH PERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO STANDARDS AND SPECIFICATION PRESCRIBED IN THE DCM VOLUME II AND THE ENGINEERING CRITERIA MANUAL (ECM) APPENDIX I. | 7 |
| 8. | ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMPS IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE DRAINAGE CRITERIA MANUAL (DCM) VOLUME II AND IN ACCORDANCE WITH THE STORMWATER MANAGEMENT PLAN (SWMP). | 8 |
| 9. | ALL TEMPORARY EROSION CONTROL FACILITIES INCLUDING BMPS AND ALL PERMANENT FACILITIES INTENDED TO CONTROL EROSION OF ANY EARTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS, THESWMP AND THE DCM VOLUME II AND MAINTAINED THROUGHOUT THE DURATION OF THE EARTH DISTURBANCE OPERATION. | 9 |
| 10. | ANY EARTH DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. | 1 |
| 11. | ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE DESIGNED TO LIMIT THE DISCHARGE TO A NON-EROSIVE VELOCITY. | 1: |
| 12. | CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. | 1. |
| | EROSION CONTROL BLANKETING IS TO BE USED ON SLOPES STEEPER THAN 3:1. BUILDING, CONSTRUCTION, EXCAVATION, OR OTHER WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. BMP'S MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES. | 1 |
| 15. | VEHICLE TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFFSITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY. | <u> </u> |
| 16. | CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE. | 2 |
| 17. | THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, AND SAND THAT MAY ACCUMULATE IN THE STORM SEWER OR OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT. | 4 |
| 18. | THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS. | 5 |
| 19. | NO CHEMICALS ARE TO BE USED BY THE CONTRACTOR, WHICH HAVE THE POTENTIAL TO BE RELEASED IN STORMWATER UNLESS PERMISSION FOR THE USE OF A SPECIFIC CHEMICAL IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING THE USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED. | 7 |
| 20. | BULK STORAGE STRUCTURES FOR PETROLEUM PRODUCTS AND OTHER CHEMICALS SHALL HAVE ADEQUATE PROTECTION SO AS TO CONTAIN ALL SPILLS AND PREVENT ANY SPILLED MATERIAL FROM ENTERING STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. | 8 |
| 21. | NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER OR IN THE DITCHLINE. | 0 |
| 22. | INDIVIDUALS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS INCLUDED IN THE DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, OR COUNTY AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY. | |
| | ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS. | |
| | PRIOR TO ACTUAL CONSTRUCTION THE PERMITEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND. | 10 |
| 26. | MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY KUMAR AND ASSOCIATES AND SHALL BE CONSIDERED A PART OF THESE PLANS. | 1 |
| 27. | AT LEAST TEN DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB 1 ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT: | 1: |
| | COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL DIVISION WQCD – PERMITS 4300 CHERRY CREEK DRIVE SOUTH DENVER, CO 80246–1530 ATTN: PERMITS UNIT | |
| | | |

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION

ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATIONS OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).

CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:

- a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM) b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2 c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
- d. CDOT M & S STANDARDS

NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.

CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.

ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.

10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.

1. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS POINTS.

12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.

13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA. ∫IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY PUBLIC SERVICES DEPARTMENT. INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

CONSTRUCTION NOTES

ALL WORK SHALL COMPLY WITH THE CODES AND POLICIES FOR EL PASO COUNTY.

EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THIS GRADING PLAN WAS OBTAINED FROM A TOPOGRAPHIC SURVEY AND PREVIOUS CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO EXAMINE THE SITE AND BE FAMILIAR WITH THE EXISTING CONDITIONS.

DEPTH OF MOISTURE-DENSITY CONTROL FOR THIS PROJECT SHALL BE AS DICTATED BY THE GEOLOGIC HAZARD STUDY PREPARED BY ENTECH ENGINEERING CONSULTANTS, INC. DATED _____

THE CONTRACTOR IS RESPONSIBLE FOR THE RE-ESTABLISHMENT OF ALL SURVEY MONUMENTS DISTURBED WITHIN THE PROJECT LIMITS.

THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM FLOODING AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER, SHALL BE PROMPTLY DEWATERED AND RESTORED.

PRIOR TO PAVING OPERATIONS. THE ENTIRE SUBGRADE SHALL BE INSPECTED IN ACCORDANCE WITH THE GEOLOGIC HAZARD STUDY PREPARED BY ENTECH ENGINEERING CONSULTANTS, INC. DATED ______.

SUBGRADE MATERIALS DEEMED UNSUITABLE BY THE GEOLOGIC HAZARD STUDY PREPARED BY ENTECH ENGINEERING CONSULTANTS, INC. DATED ______ SHALL BE EXCAVATED, DISPOSED OF AND REPLACED WITH APPROVED MATERIALS.

FILL SHALL BE PLACED IN ACCORDANCE WITH THE GEOLOGIC HAZARD STUDY PREPARED BY ENTECH ENGINEERING CONSULTANTS, INC. DATED _____.

THE CONTRACTOR IS RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DURING CONSTRUCTION ACTIVITIES AT ALL TIMES DURING GRADING AND CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING EROSION AND SEDIMENT CONTROL MEASURES:

- HAY BALE BARRIERS WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER.

- SILT FENCE WHERE NEEDED AND/OR AS DIRECTED BY THE ENGINEER. - TEMPORARY SEDIVENTATION BASINS WHERE NEEDED AND/OR AS DIRECTED AY THE ENGINEER.

- MULCHING AND SEEDING OF EXCESSIVE SLOPED AREAS AS NEEDED OR AS DIRECTED BY THE ENGINEER.

- TEMPORARY VEHICLE TRACKING CONTROL AS NEEDED AND/OR DRECTED AY THE ENGINEER. - CONCRETE WASH AREAS.

- INLET PROTECTION. THESE AND ALL EROSION CONTROL BEST MANAGEMENT PRACTICES AS SHOWN IN THE GRADING AND EROSION CONTROL PLANS SHALL BE STRICTLY ADHERED TO.

10. FINISHED CONTOURS/SPOT ELEVATIONS HEREON REPRESENT FINISHED GRADES. ALL PAVEMENT SUBGRADES ARE BASED ON THE COMPOSITE ASPHALT PAVEMENT RECOMMENDATIONS MADE IN THE "GEOTECHNICAL STUDY" FOR THIS PROJECT.

ALL GRADING SHALL CONFORM TO THE GEOTECHNICAL RECOMMENDATIONS FOR TRAILS AT ASPEN TRAILS PREPARED BY ENTECH ENGINEERING CONSULTANTS, INC. DATED _____.

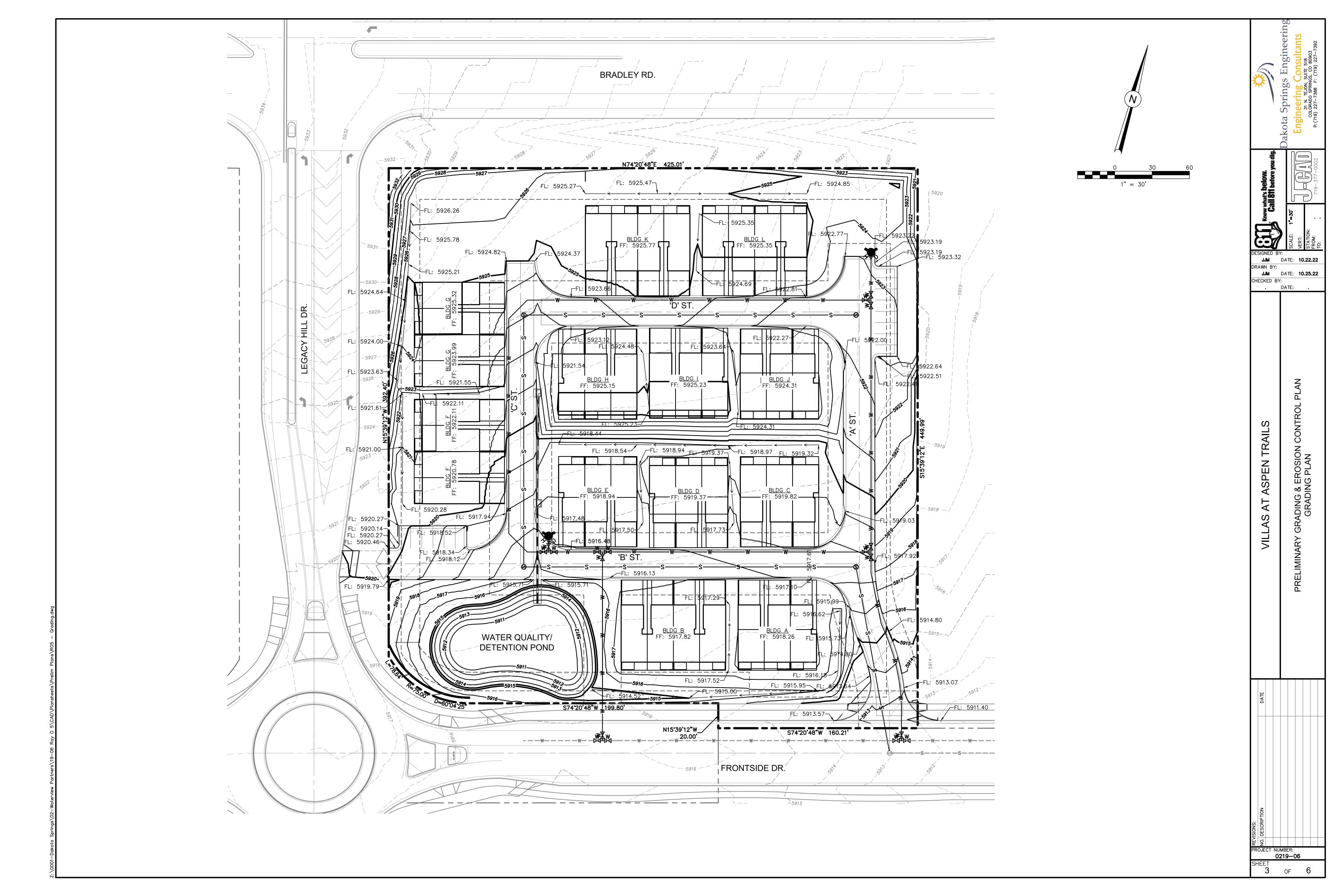
2. THERE MAY BE SOME TOPSOIL WITHIN TRAILS AT ASPEN TRAILS THAT IS NOT SUITABLE FOR RE-USE. CONTRACTOR SHALL AMEND THE TOPSOIL AS NECESSARY AND RE-SPREAD IN ACCORDANCE WITH THE GEOTECHNICAL RECOMMENDATIONS. IF TOPSOIL CANNOT BE AMENDED IT SHALL BE USED AS FILL WHERE NO FUTURE STRUCTURES OR ROADS WILL BE BUILT.

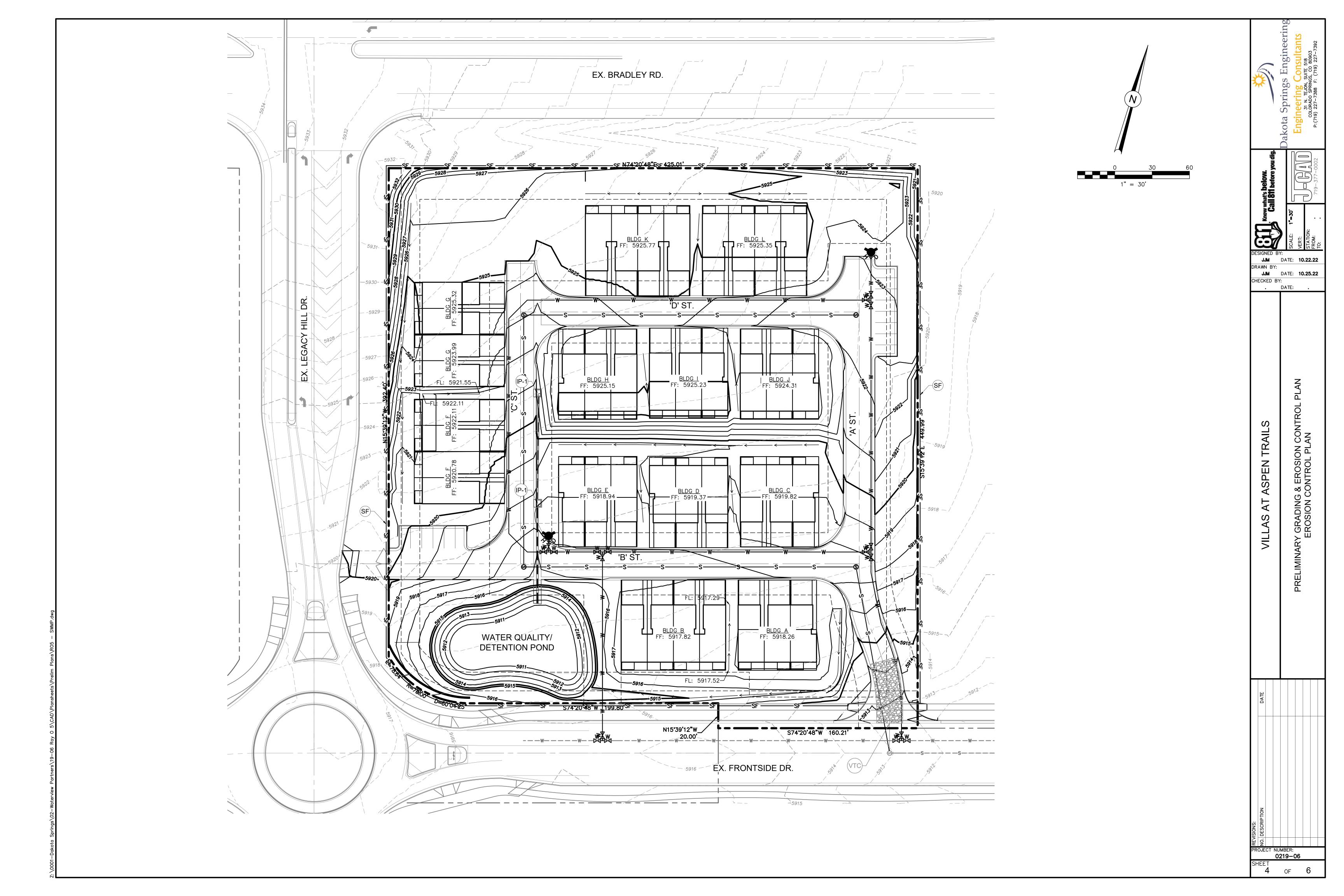
| SEED MIX | | | | | | | | | |
|-------------------------------------|---------------------------|----------------------------|----------|--|---|---|--|--|--|
| | | | | POUNDS PLS | | | | | |
| COMMON NAME | SCIENTIFIC NAME | GROWTH SEASON / FORM | % OF MIX | IRRIGATED BROADCAST IRRIGATED HYDROSEEDED | NON-IRRIGATED BROADCAST NON-IRRIGATED HYDROSEEDED IRRIGATED DRILLED | IRRIGATED DRILLED | | | |
| | | | | 80 SEEDS/SQ FT | 40 SEEDS/SQ FT | 20 SEEDS/SQ FT | | | |
| BLUESTEM, BIG | ANDROPOGON GERARDII | WARM, SOD | 20 | 4.4 | 2.2 | 1.1 | | | |
| GRAMA, BLUE | BOUTELOUA GRACILIS | WARM, BUNCH | 10 | 0.5 | 0.25 | 0.13 | | | |
| GREEN NEEDLEGRASS ¹ | NASSELLA VIRIDULA | COOL, BUNCH | 10 | 2 | 1 | 0.5 | | | |
| WHEATGRASS, WESTERN ¹ | PASCOPYRUM SMITHII | COOL, SOD | 20 | 6.4 | 3.2 | 1.6 | | | |
| GRAMA, SIDEOATS | BOUTELOUA CURTIPENDULA | WARM, BUNCH | 10 | 2 | 1 | 0.5 | | | |
| SWITCHGRASS ¹ | PANICUM VIRGATUM | WARM, BUNCH/SOD | 10 | 0.8 | 0.4 | 0.2 | | | |
| PRAIRIE SANDREED | CALIMOVILFA LONGIFOLIA | WARM, SOD | 10 | 1.2 | 0.6 | 0.3 | | | |
| YELLOW INDIANGRASS ¹ | SORGHASTRUM NUTANS | WARM, SOD | 10 | 2 | 1 | 0.5 | | | |
| | | | | 19.3 | 9.7 | 4.8 | | | |

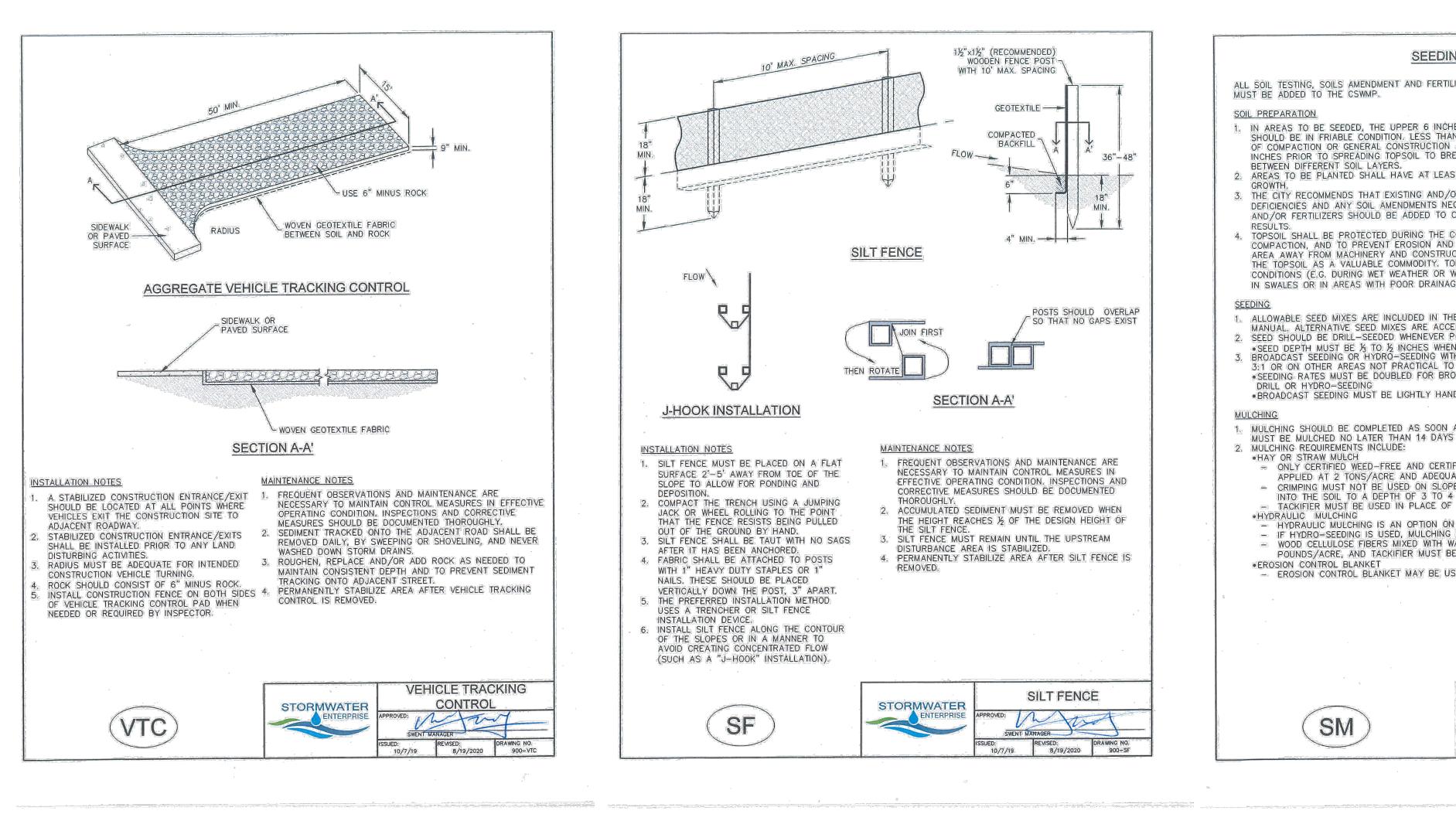
EROSION CONTROL COST ESTIMATE (INFORMATION ONLY)

| PAY ITEM | UNIT | UNIT COST | QUANTITY | COST |
|--------------------------------|------|------------|------------|------------|
| SEEDING (NATIVE) | ACRE | \$525.00 | 4.25 | \$2,231.25 |
| SILT FENCE (SF) | LF | \$2.50 | 958 | \$2,395 |
| NLET PROTECTION | EA | \$110.00 | 2 | \$220.00 |
| VEHICLE TRACKING CONTROL (VTC) | EA | \$1,325.00 | 1 | \$1,325.00 |
| | | | SUBTOTAL | \$6,171.25 |
| | | 40% C(| ONTINGENCY | \$2,468.50 |
| | | | TOTAL | \$8,639.75 |
| | | | | |

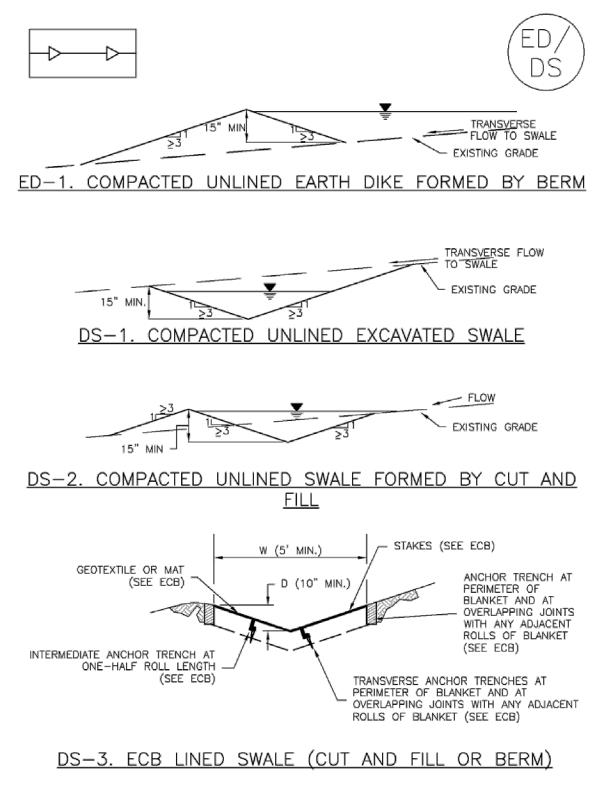
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| | VILLAS AT ASPEN TRAILS | | | PRELIMINARY GRADING & EROSION CONTROL PLAN | NOTES | | |
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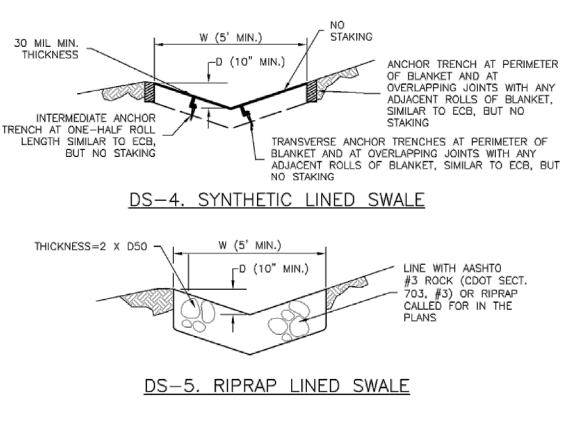








Earth Dikes and Drainage Swales (ED/DS) EC-10



EARTH DIKE AND DRAINAGE SWALE INSTALLATION NOTES

- 1. SEE SITE PLAN FOR: LOCATION OF DIVERSION SWALE
- TYPE OF SWALE (UNLINED, COMPACTED AND/OR LINED). - LENGTH OF EACH SWALE.
- DEPTH, D, AND WIDTH, W DIMENSIONS.
- FOR ECB/TRM LINED DITCH, SEE ECB DETAIL.
 FOR RIPRAP LINED DITCH, SIZE OF RIPRAP, D50.

2. SEE DRAINAGE PLANS FOR DETAILS OF PERMANENT CONVEYANCE FACILITIES AND/OR DIVERSION SWALES EXCEEDING 2-YEAR FLOW RATE OR 10 CFS.

3. EARTH DIKES AND SWALES INDICATED ON SWMP PLAN SHALL BE INSTALLED PRIOR TO LAND-DISTURBING ACTIVITIES IN PROXIMITY.

4. EMBANKMENT IS TO BE COMPACTED TO 90% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT ACCORDING TO ASTM D698.

5. SWALES ARE TO DRAIN TO A SEDIMENT CONTROL BMP.

6. FOR LINED DITCHES, INSTALLATION OF ECB/TRM SHALL CONFORM TO THE REQUIREMENTS OF THE ECB DETAIL.

7. WHEN CONSTRUCTION TRAFFIC MUST CROSS A DIVERSION SWALE, INSTALL A TEMPORARY CULVERT WITH A MINIMUM DIAMETER OF 12 INCHES.

Earth Dikes and Drainage Swales (ED/DS) **EC-10**

EARTH DIKE AND DRAINAGE SWALE MAINTENANCE NOTES 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE, INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE. 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY. 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE. 4. SWALES SHALL REMAIN IN PLACE UNTIL THE END OF CONSTRUCTION; IF APPROVED BY LOCAL JURISDICTION, SWALES MAY BE LEFT IN PLACE. 5. WHEN A SWALE IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY LOCAL JURISDICTION. (DETAIL ADAPTED FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF COLORADO SPRINGS, COLORADO, NOT AVAILABLE IN NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

ED/DS-3

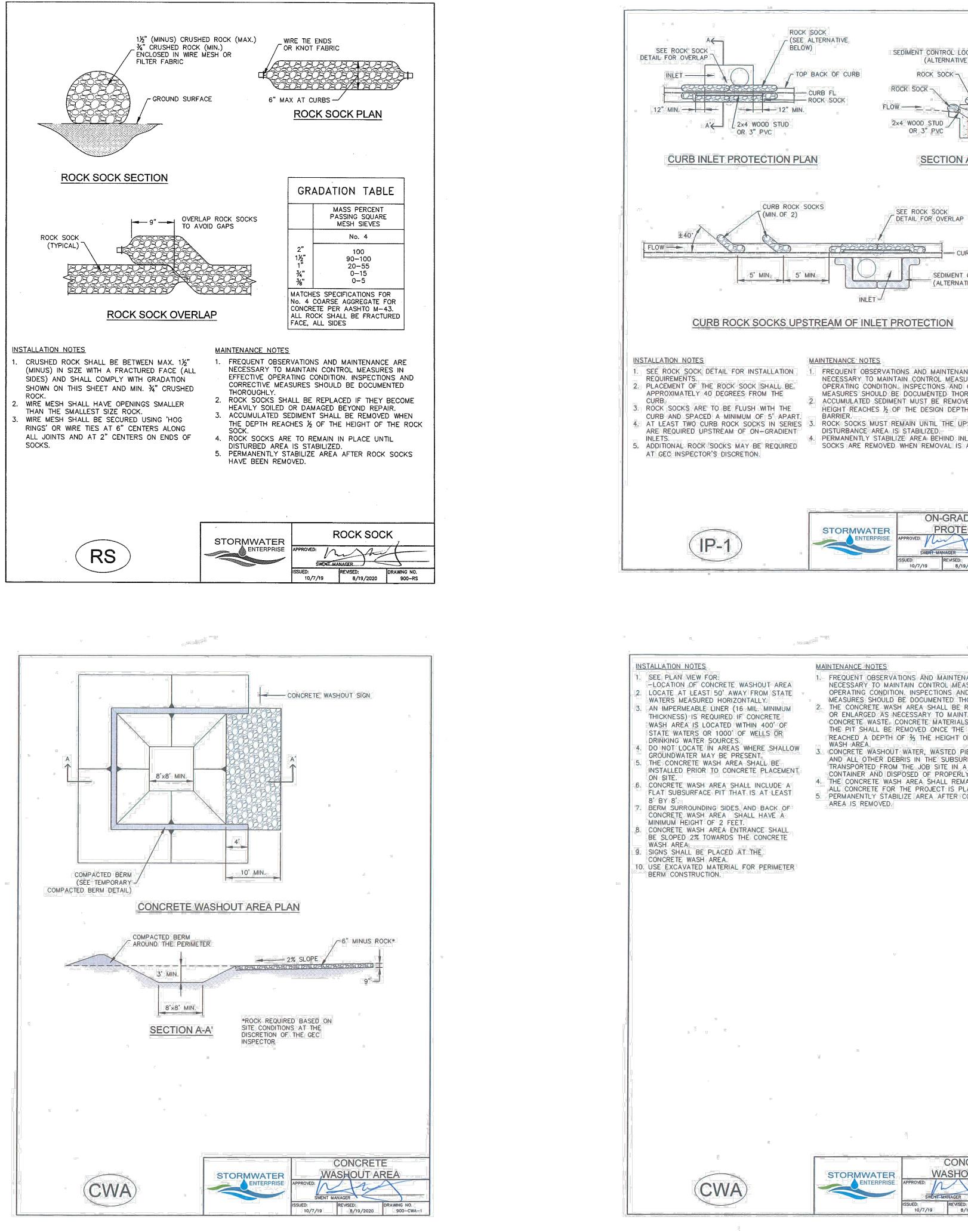
| - |
|---|
| NG & MULCHING |
| LIZER DOCUMENTATION, AND SEED LOAD AND BAG TICKETS |
| IES OF THE SOIL MUST NOT BE HEAVILY COMPACTED, AND IN 85% STANDARD PROCTOR DENSITY IS ACCEPTABLE. AREAS ACTIVITY MUST BE SCARIFIED TO A DEPTH OF 6 TO 12 EAK UP COMPACTED LAYERS AND PROVIDE A BLENDING ZONE. |
| ST 4 INCHES OF TOPSOIL SUITABLE TO SUPPORT PLANT |
| OR IMPORTED TOPSOIL BE TESTED TO IDENTIFY SOIL CESSARY TO ADDRESS THESE DEFICIENCIES, SOIL AMENDMENTS CORRECT TOPSOIL DEFICIENCIES BASED ON SOIL TESTING |
| CONSTRUCTION PERIOD TO RETAIN ITS STRUCTURE AVOID CONTAMINATION. STRIPPED TOPSOIL MUST BE STORED IN AN CTION OPERATIONS, AND CARE MUST BE TAKEN TO PROTECT OPSOIL MUST NOT BE STRIPPED DURING UNDESIRABLE WORKING WHEN SOILS ARE SATURATED). TOPSOIL SHALL NOT BE STORED GE. |
| |
| HE CITY OF COLORADO SPRINGS STORMWATER CONSTRUCTION EPTABLE IF INCLUDED IN AN APPROVED LANDSCAPING PLAN. POSSIBLE N DRILL-SEEDING IS USED TH TACKIFIER MAY BE SUBSTITUTED ON SLOPES STEEPER THAN D DRILL SEED. OADCAST SEEDING OR INCREASED BY 50% IF USING A BRILLION |
| ID-RAKED INTO THE SOIL |
| AS PRACTICABLE AFTER SEEDING, HOWEVER PLANTED AREAS S AFTER PLANTING. |
| IFIED SEED-FREE MULCH MAY BE USED, MULCH MUST BE ATELY SECURED BY CRIMPING AND/OR TACKIFIER. PES GREATER THAN 3:1 AND MULCH FIBERS MUST BE TUCKED 1 INCHES. |
| CRIMPING ON SLOPES STEEPER THAN 3:1. |
| N STEEP SLOPES OR WHERE ACCESS IS LIMITED. MUST BE APPLIED AS A SEPARATE, SECOND OPERATION. WATER MUST BE APPLIED AT A RATE OF 2,000 TO 2,500 DE APPLIED AT A RATE OF 100 POUNDS/ACRE. |
| SED IN PLACE OF TRADITIONAL MULCHING METHODS. |
| · · · · · · · · · · · · · · · · · · · |
| |
| SEEDING & MULCHING |

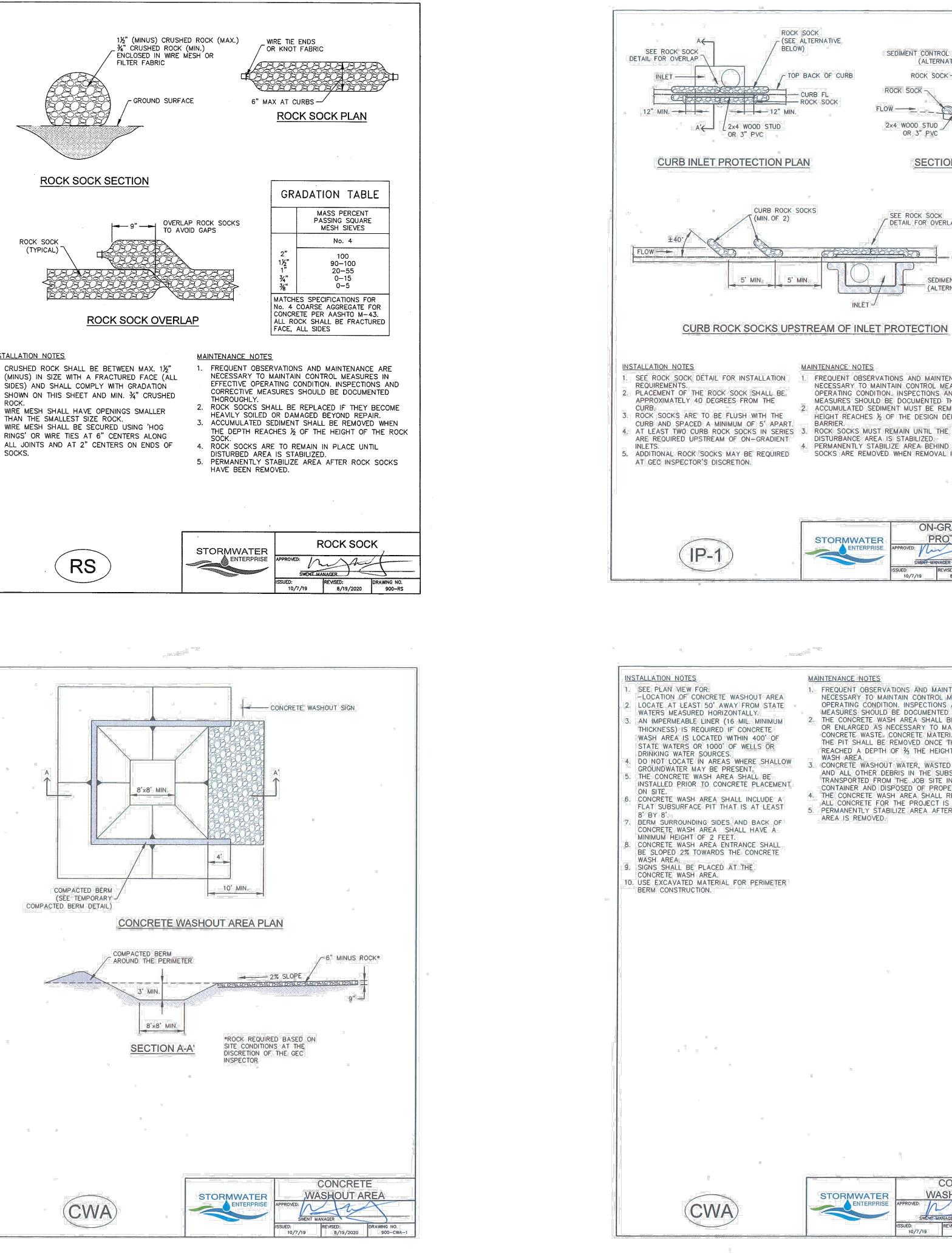
| STORMWATER | SEEDING & MULCHING | | | | | |
|------------|--------------------|-----------------------|----------------------|--|--|--|
| ENTERPRISE | APPROVED: | MANAGER | 2 | | | |
| | ISSUED: 10/7/19 | REVISED: 8/19/2020 | DRAWNG NO. 900-SM | | | |
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| nd Flood Control District | |
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| e Criteria Manual Volume 3 | |

ED/DS-5

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| | | B REVISIONS: | | DR. | * |
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| BY: DATE: 2.14.22 TOTO: DATE: 2.14.22 BY: DATE: DATE: </th <th>Т</th> <th>CT</th> <th></th> <th>NED</th> <th></th> | Т | CT | | NED | |
| DETAILS Image: State in the second se | | | | B' | |
| DETAILS 1 OF 2 In: | 219 | | | | ota Springs Engineering |
| DETAILS 1 OF 2 PRELIMINARY GRADING & EROSION CONTROL PLAN 100 110 |)—(| | | E SCALE: | |
| DETAILS 1 OF 2 TO:: | 26 | | PRELIMINARY GRADING & EROSION CONTROL PLAN | 2 | ingineering Consultants |
| 22. 10-377-000 10-377-0002 | 6 | | DETAILS 1 OF 2 | .14 | 31 N. TEJON, SUITE 518 |
| |) | | | 719 -377-0002 | COLORADO STRINGS, CO 80903 P:(719) 227-7388 F: (719) 227-7392 |
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| | Know what's below. Call 811 before you dig. DESIGNED BY: DESIGNED BY: CHECKED BY: | DATE: 2.14.22 |
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