STANDARD CONSTRUCTION NOTES:

- 1. 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.
- 2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD LOCATION 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).
- 3. 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
- 4. 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 MANUÁL 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.
- 5. 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.
- 6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY DEVELOPMENT SERVICES DEPARTMENT (DSD) INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.
- 7. 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.
- 8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND DSD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES. 9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY DSD.
- 10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DSD PRIOR TO
- PLACEMENT OF CURB AND GUTTER AND PAVEMENT. 11. 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.
- 14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT
- 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.

GRADING NOTES:

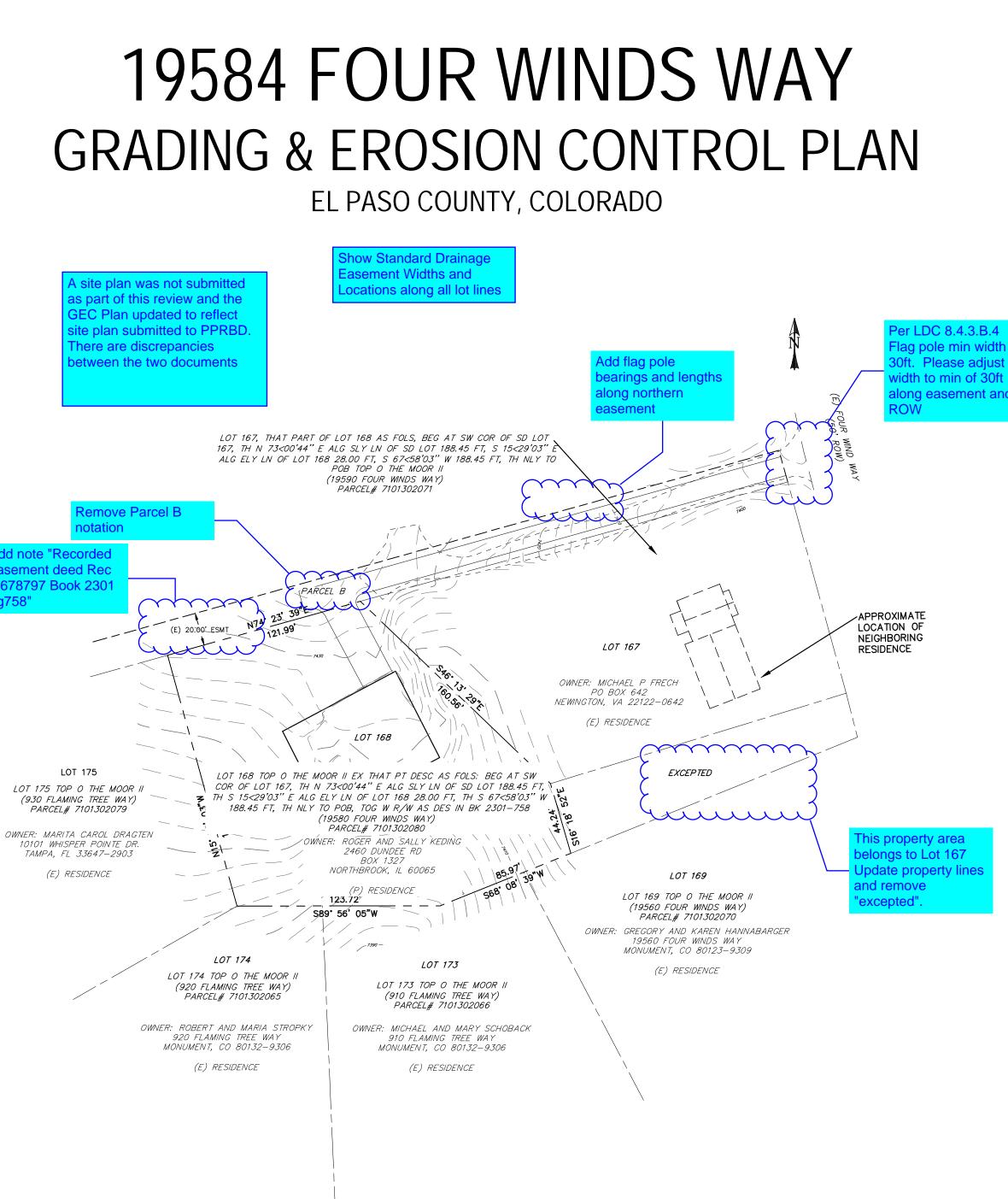
- 1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS. 2. NOTWITHSTANDING 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 FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. 3. A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION
- CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE 4. ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED 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 STAF 5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES,
- CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE. 6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- 7. TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- 8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE
- 9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT EFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION. 10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE 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. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED. 11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER.
- AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- 12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.
- 13. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- 14. DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE. 15. EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- 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. 17. 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. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES. 18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- 19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- 20. 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.
- 21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED
- 22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- 23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- 24. OWNER/DEVELOPER AND THEIR AGENTS 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 OF THE LAND DEVELOPMENT CODE, DCM VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY. 25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- 26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- 27. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- 28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY CTL THOMPSON, INC. AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- 29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (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:
- 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	

REV.	DESCRIPTION	DATE



Know what's Delow. Call 72 hours before you dig. or more details visit: www.call811.com



SCALE: N.T.S

BASIS OF BEARINGS THE WESTERN BOUNDARY OF LOT 168 HAVING AN ASSUMED BEARING OF N15'29'03"W.



(719)426-2124

PREPARED FOR: MAYNARD BUILDING 1364 OLD CEDAR COVE MONUMENT, CO 80132

EPC STORMWATER REVIEW COMMENTS	1/
	SITE WOODMOOR
CONSTRUCTION PLANS AND SPECIFICATIONS ENGINEERS STATEME	ENT: VICINITY MAP SCALE: N.T.S.
THIS GRADING AND EROSION CONTROL PLAN WAS PREPARED UNDER MY DIRECT SUPERVISION AND IS CORRECT TO THE DEST OF MY KNOWLEDGE AND BELIEF. SA HAS BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUL GRADING AND EROSION CONTROL PLANS ACCEPT RESPONSIBILITY FOR ANY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR ONISSIONS ON MY PART IN PREPAR PLAN. 40510 04/29/22 ENGINER OF MUCK SCHAPTRE DATE	AID PLAN NTY FOR LIABILITY

OWNER STATEMENT:

I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN.

SIDNAL ES

EL PASO COUNTY 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. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 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 DIRECTOR'S DISCRETION.

COUNTY ENGINEER/ECM ADMINISTRATOR DATE

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BASIC GRADING, EROSION AND STORMWATER QUALITY REQUIREMENTS AND GENERAL PROHIBITIONS:

*INFORMATION TAKEN FROM THE EL PASO COUNTY DRAINAGE CRITERIA MANUAL VOLUME 2, HEREIN REFERRED TO AS THE "MANUAL.

- . 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.
- . CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM FACILITIES.
- 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 COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES (E.G., ESTIMATED TIME OF EXPOSURE, SEASON OF THE YEAR, ETC.). 4. VEHICLE TRACKING OF SOILS OFF-SITE SHALL BE MINIMIZED.
- . ALL WASTES COMPOSED OF BUILDING MATERIALS MUST BE REMOVED FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- 6. 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 COUNTY ENGINEER. IN GRANTING THE USE OF SUCH CHEMICALS, SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- 7. 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, INCLUDED ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
- 8. ALL PERSONS ENGAGED IN EARTH DISTURBANCE SHALL IMPLEMENT AND MAINTAIN ACCEPTABLE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING BMP'S IN CONFORMANCE WITH THE EROSION CONTROL TECHNICAL STANDARDS OF THE MANUAL AND IN ACCORDANCE WITH THE EROSION AND STORMWATER QUALITY CONTROL PLAN APPROVED THE COUNTY OF EL PASO, IF REQUIRED.
- 9. ALL TEMPORARY EROSION CONTROL FACILITIES INCLUDING BMP'S AND ALL PERMANENT FACILITIES INTENDED TO CONTROL EROSION OF ANY EARTH DISTURBANCE OPERATIONS, SHALL BE INSTALLED AS DEFINED IN THE APPROVED PLANS AND THE MANUAL AND MAINTAINED THROUGHOUT THE DURATION OF THE EARTH DISTURBANCE OPERATION. THE INSTALLATION OF THE FIRST LEVEL OF TEMPORARY EROSION CONTROL FACILITIES AND BMP'S SHALL BE INSTALLED AND INSPECTED PRIOR TO ANY EARTH DISTURBANCE OPERATIONS TAKING PLACE.
- 10. ANY EARTH DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY REDUCE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION.
- 11. ALL EARTH DISTURBANCES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED IN SUCH A MANNER SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME.
- 12. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- 13. SUSPENDED SEDIMENT CAUSED BY ACCELERATED SOIL EROSION SHALL BE MINIMIZED IN RUNOFF WATER BEFORE IT LEAVES THE SITE OF THE EARTH DISTURBANCE.
- 14. 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
- 15. TEMPORARY SOIL EROSION CONTROL FACILITIES SHALL BE REMOVED AND EARTH DISTURBANCE AREAS GRADED AND STABILIZED WITH PERMANENT SOIL EROSION CONTROL MEASURES PURSUANT TO THE STANDARDS AND SPECIFICATIONS PRESCRIBED IN THE MANUAL, AND IN ACCORDANCE WITH THE PERMANENT EROSION CONTROL FEATURES SHOWN ON THE EROSION AND STORMWATER QUALITY CONTROL PLANS APPROVED BY THE COUNTY OF EL PASO, IF REQUIRED.
- 16. SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN TWENTY-ONE (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 BMP'S SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED
- 17. NO PERSON SHALL CAUSE, PERMIT, OR CONTRIBUTE TO THE DISCHARGE INTO THE MUNICIPAL SEPARATE STORM SEWER POLLUTANTS THAT COULD CAUSE THE COUNTY OF EL PASO TO BE IN VIOLATION OF ITS COLORADO DISCHARGE PERMIT SYSTEM MUNICIPAL STORMWATER DISCHARGE PERMIT
- 18. 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 T STORM SEWER OR OTHER DRAINAGE CONVEYANCE SYSTEM AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- 19. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE FLOW LINE OF THE CURB AND GUTTER, INCLUDING THE TEMPORARY OR PERMANENT RAMPING WITH MATERIALS FOR VEHICLE ACCESS.
- 20. INDIVIDUALS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), REGULATIONS PROMULGATED, CERTIFICATIONS OR PERMITS ISSUED, IN ADDITION TO THE REQUIREMENTS INCLUDED IN THE MANUAL. IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND WATER QUALITY CONTROL LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL OR STATE AGENCIES, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- 21. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM 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. MATERIALS SHALL NOT BE STORED IN A LOCATION WHERE THEY MAY BE CARRIED BY STORMWATER RUNOFF INTO A STATE WATER AT
- 22. SPILL PREVENTION AND CONTAINMENT MEASURES SHALL BE USED AT STORAGE, AND EQUIPMENT FUELING AND SERVICING AREAS TO PREVENT THE POLLUTION OF ANY STATE WATERS, INCLUDING WETLANDS. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY, OR CONTAINED UNTIL APPROPRIATE CLEANUP METHODS CAN BE EMPLOYED. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE FOLLOWED, ALONG WITH PROPER DISPOSAL METHODS.

EXISTING VEGETATION NOTE:

BMP INSTALLATION STAGING NOTES:

<u>STAGE 1 – PRE-DISTURBANCE</u> INSTALL INITIAL STORMWATER QUALITY (SWQ) BEST MANAGEMENT PRACTICES (BMP'S) AS SHOWN ON THE GRADING AND EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES. THESE BMP'S CONSIST OF THE PERIMETER CONTROLS OF SILT FENCE, CURB SOCKS, INLET PROTECTION OF EXISTING INLETS, AND THE VEHICLE TRACKING CONTROL PAD.

EXISTING LOT VEGETATION CONSISTS OF NATIVE GRASSES AND A FEW SHRUBS.

<u>STAGE 2 – OVERLOT GRADING</u> COMMENCE THE BULK OF OVERLOT GRADING OPERATIONS AND INSTALL TEMPORARY BMP'S AS SHOWN ON THE GRADING AND EROSION CONTROL PLAN. TEMPORARY BMP'S MAY CONSIST OF ADDITIONAL SILT FENCE AND SURFACE ROUGHENING OF SLOPES.

<u>STAGE 3 – INFRASTRUCTURE & BUILDING CONSTRUCTION</u> CONSTRUCT SITE IMPROVEMENTS AS SHOWN ON THE APPLICABLE CONSTRUCTION DOCUMENTS. ADDITIONAL TEMPORARY BMP'S CONSISTING OF ADDITIONAL SILT FENCE, CONCRETE WASH-OUT AREA, AND INLET PROTECTION OF PERMANENT DRAINAGE IMPROVEMENTS. ANY STOCKPILED DIRT SHALL BE PROTECTED BY A PERIMETER OF SILT FENCE.

<u>STAGE 4 – PERMANENT STABILIZATION</u> PERMANENT SWQ BMP'S SUCH AS RIP-RAP, CURB & GUTTER, PAVEMENT, LANDSCAPING, AND RESEDING SHALL BE CONSTRUCTED AT THIS TIME AS OUTLINED ON THE GRADING AND EROSION CONTROL PLAN AND THE LANDSCAPE AND IRRIGATION PLANS, DRAINAGE REPORT, AND/OR CONSTRUCTION DOCUMENTS. ALL DISTURBED AREAS THAT ARE NOT PERMANENTLY PAVED OR LANDSCAPED SHALL BE PERMANENTLY RESEEDED.

	LEGEND		
	EXISTING	(E)	
	PROPOSED	(P)	
	CURB AND GUTTER	C&G	
	PROPERTY BOUNDARY		
	RIGHT-OF-WAY		
	LOT LINE		
	(E) CONTOUR, INDEX	— <i>6400</i> —	
	(E) CONTOUR		
	(P) CONTOUR, INDEX	6400	
	(P) CONTOUR		
	(E) STORM SEWER		
	(P) STORM SEWER		
	LIMITS OF CONSTRUCTION/ LIMITS OF DISTURBANCE		
	DIRECTION OF FLOW	2.00%	
	OVERLAND FLOW ARROW	\Leftarrow	
	(E) DRAINAGE SWALE	$\longrightarrow \rightarrow \rightarrow \rightarrow \rightarrow - \rightarrow - \rightarrow$	> —
REV.	DESCRIP	TION	DATE

Know what's **below**. Call 72 hours before you dig. For more details visit: www.call811.com

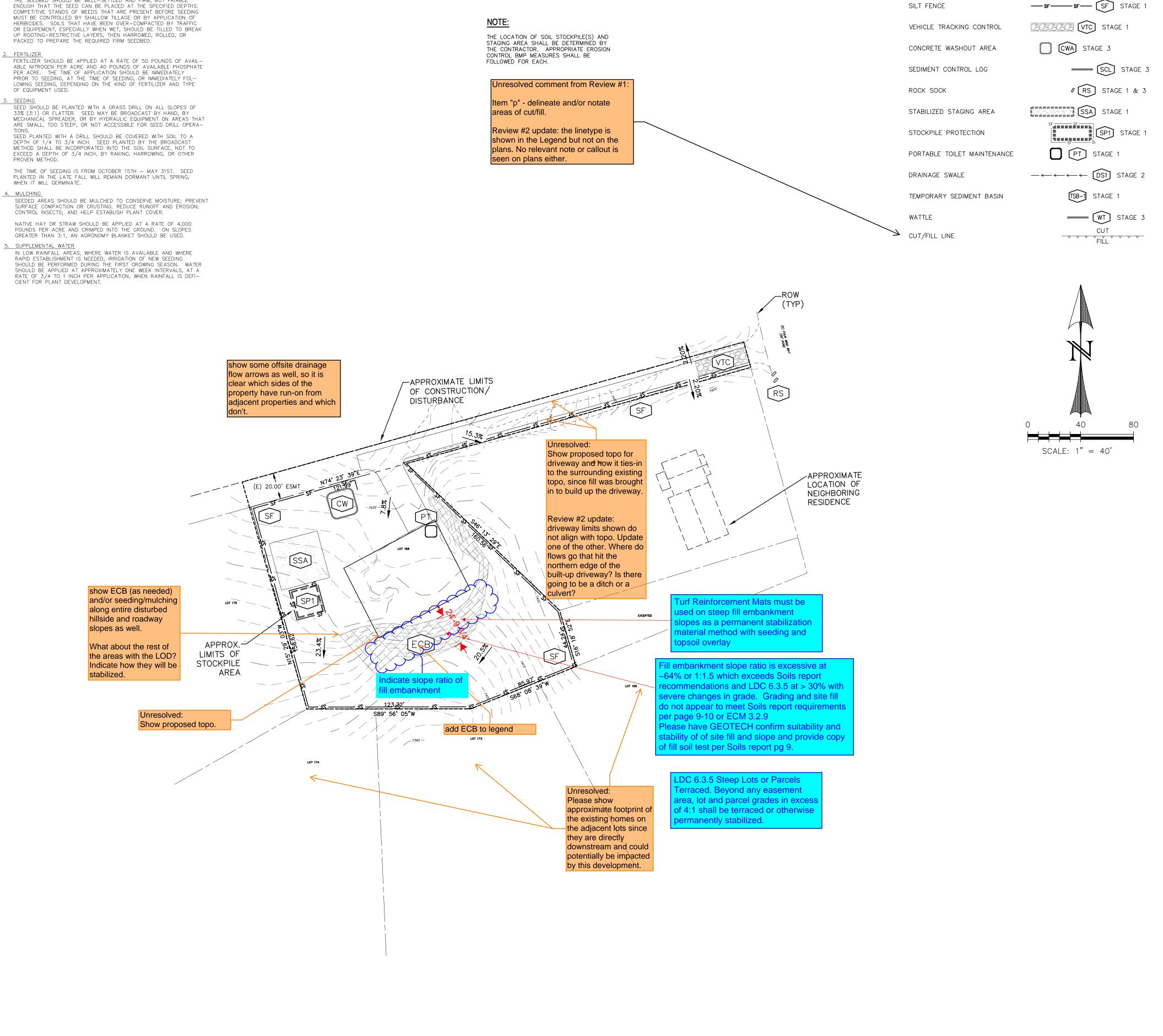
EROSION PROTECTION & REVEGETATION REQUIREMENTS "PER U.S.D.A. SOIL CONSERVATION SERVICE GUIDELINES

1	PRACTICE ND. & N RANGE SITE	IAME <u>342 - CRITI</u> SANDY FOOTH	CAL ARE HILLS	A TREATMENT
	PLANNED: EDED PREP: METHOD DATES QCT. 15-MA CLEAN TILLED FIRM SEEDBED STUBBLE COVER INTERSEED OTHER	Y 31 A ME KX DF DF KX IN BF B DF DF Image: D B DF Image: D T T C DF DF	DADCAST ILL SPA PE <u>GRAS</u> TE <u>DCT.</u>	
	FERTILIZER: POUNDS ACTUAL F ACRE N2 40 (AVAILABLE) P205 40 K N/A	PER MOWIN CHEMI DATES A SEE S RECON	IG: CAL: :: :.C.S. FDF	R SPECIFIC IONS AT HERBICIDE
	MULCH: KIND: AMDUNT: HDW-APPLIED: HDW-ANCHORED: ANCHORAGE DEPTH	N/A CRIMPED		POUNDS/ACRE
	SEED: VARIETY	SPECIES		REQUIRED PLS RATES PER ACRES (100%)
	GOSHEN	PRAIRIE SANDREED	_	6.5
	VAUGHN	SIDEDATS GRAMMA	_	9.0
	LOVINGTON	BLUE GRAMMA	_	3.0
	BLACKWELL		_	4.5
	PASTURA	LITTLE BLUESTEM	_	7.0
				(5)

(2) DF SPECIES IN MIXTURE	PLS SEEDING RATE PER SPECIES/ACRE (1) × (2)	(4) PLANNED ACRE	TOTAL PLS LBS/ SPECIES PLANNED (3) × (4)
15	0.98	8.8	8.6
25	2.25	8.8	19.8
15	0.45	8.8	4.0
20	0.90	8.8	7.9
25	1,75	8.8	15,4

SEEDING GUIDELINES 1. SEEDBED PREPARATION

- THE SEEDBED SHOULD BE WELL-SETTLED AND FIRM, BUT FRIABLE ENOUGH THAT THE SEED CAN BE PLACED AT THE SPECIFIED DEPTHS COMPETITIVE STANDS OF WEEDS THAT ARE PRESENT BEFORE SEEDING MUST BE CONTROLLED BY SHALLOW TILLAGE OR BY APPLICATION OF HERBICIDES. SOILS THAT HAVE BEEN OVER-COMPACTED BY TRAFFIC OR EQUIPEMENT, ESPECIALLY WHEN WET, SHOULD BE TILLED TO BREAK UP ROOTING-RESTRICTIVE LAYERS, THEN HARROWED, ROLLED, OR PACKED TO PREPARE THE REQUIRED FIRM SEEDBED.
- 2. FERTILIZER FERTILIZER SHOULD BE APPLIED AT A RATE OF 50 POUNDS OF AVAIL-ABLE NITROGEN PER ACRE AND 40 POUNDS OF AVAILABLE PHOSPHATE PER ACRE. THE TIME OF APPLICATION SHOULD BE IMMEDIATELY PRIOR TO SEEDING, AT THE TIME OF SEEDING, OR IMMEDIATELY FOL-LOWING SEEDING, DEPENDING ON THE KIND OF FERTILIZER AND TYPE OF EQUIPMENT USED. 3. SEEDING
- SEED SHOULD BE PLANTED WITH A GRASS DRILL ON ALL SLOPES OF 33% (3:1) OR FLATTER. SEED MAY BE BROADCAST BY HAND, BY MECHANICAL SPREADER, OR BY HYDRAULIC EQUIPMENT ON AREAS THAT ARE SMALL, TOO STEEP, OR NOT ACCESSIBLE FOR SEED DRILL OPERA-SEED PLANTED WITH A DRILL SHOULD BE COVERED WITH SOIL TO A DEPTH OF 1/4 TO 3/4 INCH. SEED PLANTED BY THE BROADCAST METHOD SHALL BE INCORPORATED INTO THE SOIL SURFACE, NOT TO EXCEED A DEPTH OF 3/4 INCH, BY RAKING, HARROWING, OR OTHER PROVEN METHOD
- THE TIME OF SEEDING IS FROM OCTOBER 15TH MAY 31ST. SEED PLANTED IN THE LATE FALL WILL REMAIN DORMANT UNTIL SPRING, WHEN IT WILL GERMINATE. 4. MULCHING
- SURFACE COMPACTION OR CRUSTING; REDUCE RUNOFF AND EROSION; CONTROL INSECTS; AND HELP ESTABLISH PLANT COVER. NATIVE HAY OR STRAW SHOULD BE APPLIED AT A RATE OF 4,000 POUNDS PER ACRE AND CRIMPED INTO THE GROUND. ON SLOPES GREATER THAN 3:1, AN AGRONOMY BLANKET SHOULD BE USED.
- IN LOW RAINFALL AREAS, WHERE WATER IS AVAILABLE AND WHERE RAPID ESTABLISHMENT IS NEEDED. IRRIGATION OF NEW SEEDING SHOULD BE PERFORMED DURING THE FIRST GROWING SEASON. WATER SHOULD BE APPLIED AT APPROXIMATELY ONE WEEK INTERVALS, AT A RATE OF 3/4 TO 1 INCH PER APPLICATION, WHEN RAINFALL IS DEFI-CIENT FOR PLANT DEVELOPMENT.



MONUMENT, CO 80132



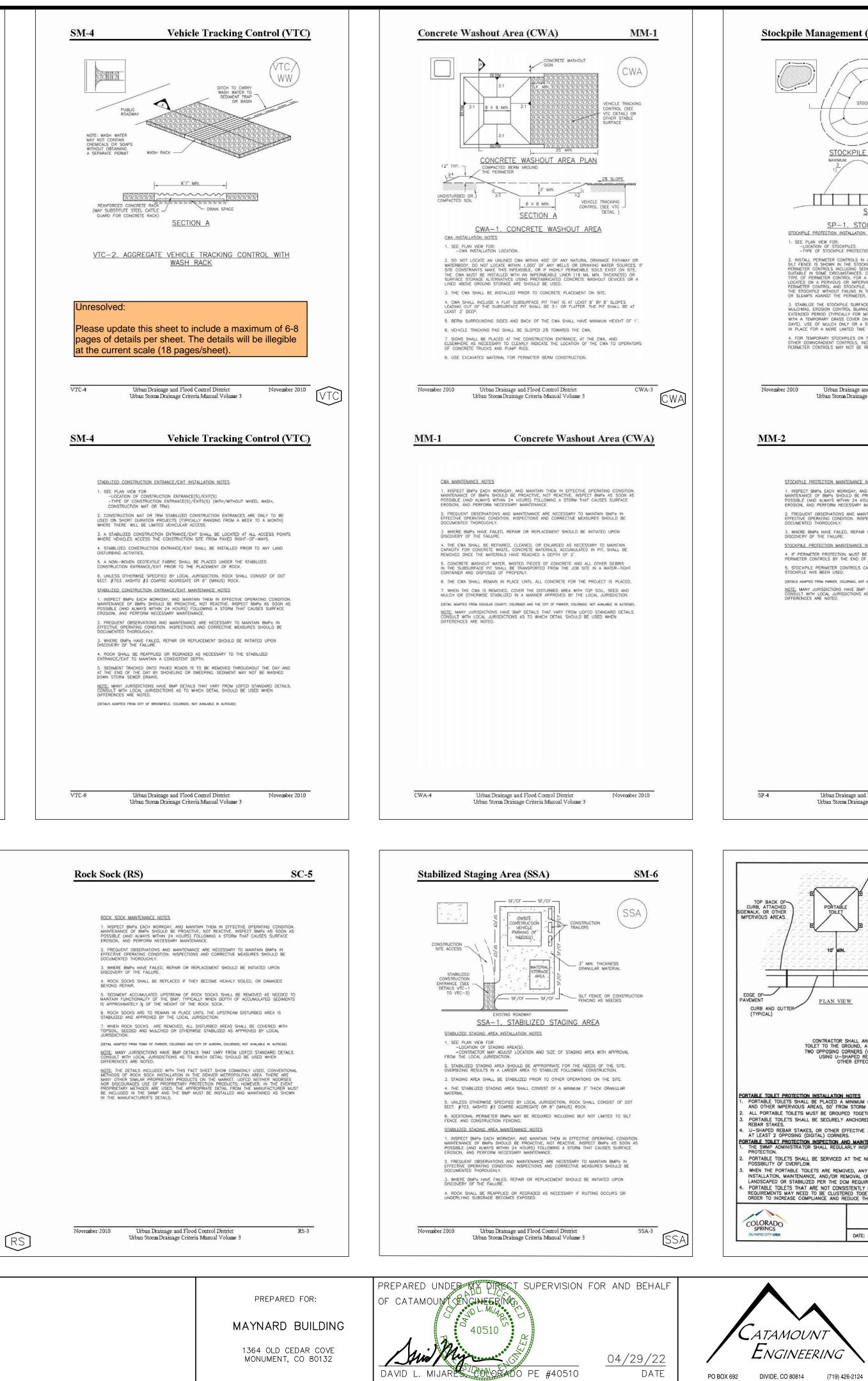


DESIGNED BY: DLM drawn by: SIP 19584 FOUR WINDS WAY MONUMENT, CO 80132 N/A 02/17/22 ATAMOUN **GRADING & EROSION CONTROL** JOB NUMBER SHEET ENGINEERING 2 OF 3 PLAN 21-337 I W. HENRIETTA AVE WOODLAND PARK, CO 8086 (719)426-2124

BMP LEGEND

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IP-8 Urban Drainage and Flood Control District August 2013 Urban Storm Drainage Criteria Manual Volume 3 RS-2 Urban Drainage and Flood Control District	 CENERAL INLET PROTECTION INSTALLATION NOTES 1. SEE PLAN VIEW FOR: DOCATION OF INLEST ROTECTION: THE'RE OF INLEST ROTECTION THE'RE OF INLEST ROTECTION (P. 1, P.2, IP.3, IP.4, IP.5, IP.6) 2. INLET PROTECTION SHALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAWING IS COMPLETE (THYRICALLY WITHIN 48 HOURS). IF A BANFALL/RUNOFF EVENT IS FORECAST, INSTALL INLET PROTECTION HAVE BUP DETAILS THAT VARY FROM UDFOD STANDARD DETAILS CONSULT WITH IN CAS. UNRESDICTIONS AS TO WINCH DETAIL SHOULD BE USED WHEN DIFFERENCES AFE NOTE. 3. MANY JURSDICTIONS HAVE BUP DETAILS THAT VARY FROM UDFOD STANDARD DETAILS CONSULT WITH IN CAS. UNRESDICTIONS AS TO WINCH DETAIL SHOULD BE USED WHEN DIFFERENCES AFE NOTE. MITH LOCAL UNRESDICTIONS AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENNACE OF BUMPS SAOLID BE PROACTIVE, NOT REACTIVE. INSTALL CASES SUMFACE EROSION, AND PERFORM WINCESSARY AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENNACE OF BUMPS SAOLID BE DECEMBER SHOULD BE INTATED UPON DESCOVERY OF THE FAILURE. 3. WHERE BUPB HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE. 4. WHERE BUPB HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE. 5. SEDMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BWPS IN EFFECTIVE USES. SUM OF A V OF THE HEICHT FOR SITUME BALES. 5. WHEN INSTER PROTECTION IS TO REMAIN IN PLACE UATIL THE UPSTREAM DISTURBED AREA IS PREMAVENTING STAND. MAINTENANCE AND CORRECTION SHALL BE REMOVED AS NECESSARY TO MAINTAIN BWP EFFECTIVENESS, TYPICALLY WHEN STORAGE VOLUME BEALS TO MAINTAIN BWP EFFECTIVENESS, TYPICALLY BUR STORAGE VOLUME BEALS TO MAINTAIN BWP EFFECTIVENESS, THE LOCAL JURISDICTION APPROVES EARLIER REMOVAL OF MILLED PROTECTION IS TO REMAIN IN PLACE UATIL THE UPSTREAM DISTURBED AREA IS PREMAVENTING STRUED AREA IS DEFENDED ON THE REMOVED AS NOTIONAL PROVED BY THE LOCAL J		ROCK SOCK TYP ROCK SOCK SOCK SOCK SOCK SOCK SOCK SOCK SOCK	ENCLOSED IN WIRE MESH WIRE TIE ENDS WIRE TIE ENDS WIRE TIE ENDS WIRE TIE ENDS O" ON BEDROCK OR HARD SURFACE, 2" O" ON BEDROCK OR HARD SURFACE, 2" ON SOIL SOCK SECTION ANY CAP AT JOINT SHALL BE FILLED WITH AN ANUUNT OF 1% (MINUS) CRUSHED ROCK AN ANY CAP AT JOINT SHALL BE FILLED WITH AN ANUUNT OF 1% (MINUS) CRUSHED ROCK AN HARD SURFACE, 2" ON NOT ON BEDROCK OR ANY CAP AT JOINT SHALL BE FILLED WITH AN ANUUNT OF 1% (MINUS) CRUSHED ROCK AN HARD SURFACE, 2" ON NOT ON BEDROCK OR ANY CAP AT JOINT SHALL BE FILLED WITH AN ANUUNT OF 1% (MINUS) CRUSHED ROCK AN HARD SURFACE, 2" ON ON BETWEEN ADJOINTING ROCK SOCKS WITH CRUS ADDITIONAL WIRE WRAPPING, ROCK SOCKS OR OVERLAPPED (TYPICALLY 12-INCH OVERLAP) TO BETWE SIZE MASS PERCEN N VIEW FOR: TION(S) OF ROCK SOCKS. INSTALLATION NOTES N VIEW FOR: TION(S) OF ROCK SOCKS. N RELABEL BE FABRICATED OF TO CAGE POULTRY MESH, OR EQUIV PENING OF ½", RECOMMENDED MINIMUM ROLL WIDTH OF 48" SH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6". JOINTS AND AT 2" CENTERS ON ENDS OF SOCKS. INICIPALITIES MAY ALLOW THE USE OF FILTER FABRIC AS AN ALTER THE ROCK ENCLOSURE.
			<u>R</u> :	S-1. ROCK SOCK PERIMETER CONTRO Urban Drainage and Flood Control District

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MULCHING, EROSION CONTROL BLANKETS, OR SOIL BINDERS. SOILS STOCKPILED FOR AN EXTENDED PERIOD (TYPICALLY FOR MORE THAN 60 DAYS) SHOULD BE SEEDED AND MULCHED WITH A TEMPORARY GRASS COVER ONCE THE STOCKPILE IS FLACED (TYPICALLY WITHIN 14 DAYS), USE OF MULCH ONLY OR A SOIL BINDER IS ACCEPTABLE IF THE STOCKPILE WILL BE IN PLACE FOR A MORE LIMITED TIME PERIOD (TYPICALLY 30-60 DAYS). 4. FOR TEMPORARY STOCKPILES ON THE INTERIOR PORTION OF A CONSTRUCTION SITE, WHERE OTHER DOWNGRADIENT CONTROLS, INCLUDING PERIMETER CONTROL, ARE IN PLACE, STOCKPILE PERIMETER CONTROLS MAY NOT BE REQUIRED. November 2010 Urban Drainage and Flood Control District SP-3	ECB	STORMWATER	EROSION CONTROL BLANKET SWCHT WARAGER 10/7/19 REVISIO: ORAWING NO. 900-ECB-1
<page-header><page-header><section-header><section-header><list-item><list-item><list-item><list-item><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></list-item></list-item></list-item></list-item></section-header></section-header></page-header></page-header>	 INSTALLATION NOTES 100% NATURAL AND BIODEGI MATERIALS ARE REQUIRED F CONTROL BLANKETS. TRM PF ME USED WHERE APPROPRIA DESIGNATED BY THE ENGINED IN AREAS WHERE EROSION (O BLANKET SARE SHOWN ON T THE PERMITTEE SHALL PLAC AND PERFORM FINAL GRADIN PREPARATION, AND SEEDING MULCHING. SUBGRADE SHALL AND MOIST PRIOR TO EROSIN BLANKET INSTALLATION, AND CONTROL BLANKET SHALL BI CONTACT WITH THE SUBGRA OR VOIDS SHALL EXIST UNDI BLANKET. PERIMETER ANCHOR TRENCH USED ALONG THE OUTSIDE F ALL BLANKET STOGETHER (LONG AND TRANSVERSELY) FOR AL CONTROL BLANKET STOGETHER (LONG AND TRANSVERSELY) FOR AL CONTROL BLANKETS. INTERMEDIATE CHECK SLOT O CHECK SHALL BE INSTALLED DOWN SLOPES. IN DRAINAGE CHECK SLOTS EVERY 25' PE TO FLOW DIRECTION. OVERLAPPING JOINT DETAIL USED TO JOIN ROLLS OF EROSION ANDERSEN TOGETHER STOGETHER EROSION CONTROL BLANKETS STALL ON TROL BLANKETS TOGETH EROSION CONTROL BLANKETS STALL OT FLOW BLEANKETS STALL ON TROL BLANKETS TOGETH EROSION CONTROL BLANKETS STALL OT ABLE FEGE-1. ANY AREAS OF SEEDING AMI. MATERIAL SPECIFICATIONS OI CONTROL BLANKETS SHALL OT TABLE EGE-1. ANY AREAS OF SEEDING ANI. OS TRAVE ROSION CONTROL SHALL BE RESEDED AND M STRAW EROSION CONTROL BLANKETS. ANY AREAS OF SEEDING ANI. DISTURBED IN THE PROCESS INSTALLING EROSION CONTROL SHALL BE RESEDED AND M STRAW EROSION CONTROL BLANKETS. COMPACT ALL TRENCHES. 	DR EROSION NECESSARY TO MAINT/ CODUCTS MAY TE AS CORRECTIVE MEASURES THOROUGHLY. R. CORRECTIVE MEASURES THOROUGHLY. R. CORRECTIVE MEASURES THOROUGHLY. R. CORRECTIVE MEASURES THOROUGHLY. CORRECTIVE MEASURES THOROUGHLY. CORRECTIVE MEASURES THOROUGHLY. CONTROL 2. EROSION CONTROL AND ANY EROSION CONTROL OR OTHERWISE DAMAGINON OR OTHERWISE DAMAGINON THE EROSION DI CONTROL DI CONTROL THE EROSION BLANKET, OR THAT RAVE EROSION CONTROL BLA REINBETER OF L BE USED CONTROL TUDINALLY LEROSION TABLE ECB-1, BLANKET MATER CONTENT CON WAYS, INSTALL PRENDICULAR SHALL BE EVERY 15' WAYS, INSTALL PSION STRAW SHALL BE SIGNN COCONUT STRAW OF SUPPORT COCONUT OFFORM TO EXCELSIOR OF MULCHING OF L BLANKETS	_ BLANKET PULLED OUT, TORN, ED SHALL BE REPAIRED OR SGRADE AREAS BELOW GEOTEXTILE D CREATE A VOID UNDER THE MAIN DEVOID OF GRASS SHALL ED AND MULCHED AND THE
SP-4 Urban Drainage and Flood Control District November 2010 Urban Storm Drainage Criteria Manual Volume 3	ECB	STORMWATER ENTERPRISE 1554	EROSION CONTROL BLANKET SWENT MANAGER SWENT MANAGER SWENT MANAGER 10/7/19 REVISED: 000-ECB-2
CONTRACTOR SHALL ANCHOR PORTABLE TOLLET TO THE GROUND, AT A MININUM OF TWO OPPOSING CORRENS (ON A DIAGONAL) USING U-SHAPED REBAR STAKES (ON THRACTOR SHALL ANCHOR PORTABLE (TYPICAL) (DISING U-STARE) CONTRACTOR SHALL ANCHOR PORTABLE (DISING U-STARE) CONTRACTOR SHALL BE SECURELY ANCHORED TO THE GROUND USING U-SHAPED (DISING U-STARE) CONTRACTOR SHALL BE SECURELY ANCHORED TO THE GROUND USING U-SHAPED (DISING U-STARE) CONTRACTOR AND STARE ANCHORED STARE SOUTHER DISING U-SHAPED (DISING U-STARE) CONTRACTOR AND ANTINIANCE AND CONTRACTOR SHALL BE SECURELY ANCHORED TO THE PORTABLE TOLES (DISING U-STARE) CONTRACTOR AND ANTINIANCE AND CONTRACTOR SHALL BE SECURED AT THE NECESSARY INTERVALS TO LIMINATE THE (DISING CONTRACTOR SHALL REGULARLY INSPECT THE PORTABLE TOLES (DISTARE) TOLETS SHALL BE SERVICED AT THE NECESSARY INTERVALS TO LIMINATE THE (DISTARE) COLORISTICUT AND STARE CONTRACTOR AND THE CONTRACTOR AND THE THE DIST (DISTARE) COLORISTICUT AND STARE THE DIST AND REDUCT THE PORTABLE TOLES (DISTAR	 Revised: August 23, 2017 OVERVIEW: The release of pollutants, sewage, and/or of cleaning, washing or flushing of portable to the water conveyances or waterways is a viola ordinances. The wastes and associated wat tank compartments, hoses, vacuum and pumust be contained and discharged to a sar facility. The discharge of waste, wastewater or contransporting, cleaning or maintenance oper Storm Sewer System (MS4) is prohibited. Tor placement policy requirements. Portable Toilet Protection Installation for CC Portable toilets shall be placed an environment of portable toilets and be placed an environment of portable toilets shall be placed at the Portable toilets that have tipped or spilled waste shall be cleared up in properly re-staked. Portable Toilet Protection Installation for Elevande and the downstream inlet must ha specifications. Portable toilets must be in the right be anchored or weighted down. If portable toilets shall be placed at the downstream inlet must ha specifications. Portable toilet Protection Inspection and I The and the downstream inlet must ha appropriate distance from the curd appropriate distance from the curd appropriate distance from the curd appropriate toilets shall be placed at the downstream inlet must has appropriate distance from the curd appr	inimum of 10 feet behind all curbs and/or sidex of 50 feet from stormwater inlet structures. asast 100 feet from waterways. a flat surface. gether whenever practicable. nchored to the ground using u-shaped rebar st ad on at least two diagonal corners of the struct er shall be placed upright immediately upon die nmediately and disposed of properly. Portable bedway <u>Construction</u> all be placed out of the right-of-way at a minimum ht-of-way, it is best to place them on mobile tra- n the right-of-way, on pavement, they must be tely around the base of the unit. a minimum of 50 feet from protected stormwater ve inlet protection in accordance with DCM star east 100 feet from waterways. <u>Maintenance Notes</u> inspect that the portable facility is staked down line each time they are in the area. epaired immediately when any stakes are loos t the necessary intervals to eliminate the possi wed, and disturbed areas associated with the ie toilets shall be landscaped or roughened, se	ern, storm and reservoirs or tank trucks water treatment oilet al Separate have a policy define the valks. akes. ure. scovery. Any toilets shall be um of 10 feet uilers and must anchored or er inlet structures ndards and n and the e, damaged, or bility of overflow. nstallation,
SPRINCS DATE: 2/23/2017 STD. DRAWING NO. D-PT 19584 FOU	R WINDS WAY NT, CO 80132	SCALE: N /A	DRAWN BY: SLP DATE:
			02/17/22
ATAMOUNT		JOB NUMBER	SHFFT

GRADING & EROSION CONTROL

DETAIL SHEET

JOB NUMBER

21-337

SHEET

3 OF 3