GENERAL CONSTRUCTION NOTES:

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES ALONG THE ROUTE OF THE WORK. THE OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.



- THE CONTRACTOR WILL TAKE THE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO THIS OPERATION. ANY DAMAGE TO THE UTILITIES WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, AND ANY SERVICE DISRUPTION WILL BE SETTLED BY THE CONTRACTOR.
- ADDITIONAL EROSION CONTROL STRUCTURES MAY BE REQUIRED AT THE TIME OF CONSTRUCTION.
- 4. ALL BACKFILL, SUB-BASE, AND/OR BASE COURSE (CLASS 6) MATERIAL SHALL BE COMPACTED PER THE SOILS ENGINEER'S RECOMMENDATIONS, AND APPROVED BY EL PASO COUNTY PCD.
- 5. ALL STATIONING IS CENTERLINE OF IMPROVEMENTS UNLESS OTHERWISE INDICATED. ALL ELEVATIONS ARE FLOW LINE UNLESS OTHERWISE INDICATED AS TOP BACK OF CURB (TBC), ASPHALT (ASP), OR TOP OF INLET OR BOX (TOB).
- 6. ALL DISTURBED PAVEMENT EDGES SHALL BE CUT TO NEAT LINES. REPAIR SHALL CONFORM TO EPC ECM APPENDIX K 1.2C.
- 7. ALL INTERSECTION ACCESSES TO BE CONSTRUCTED WITH A 25 FOOT SIGHT VISIBILITY TRIANGLES IS REQUIRED AND THERE SHALL BE NO OBSTRUCTIONS GREATER THAN 18" VERTICAL IN THIS AREA.
- B. ALL CULVERTS AND STORM DRAIN PIPES SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE (HDPE), REINFORCED CONCRETE PIPE (RCP). ALL CULVERTS SHALL BE PLACED COMPLETE WITH FLARED END SECTIONS. ADEQUACY OF MATERIAL THICKNESS FOR ANY CSP INSTALLED SHALL BE VERIFIED BY OWNER'S GEOTECHNICAL ENGINEER TO SUPPORT MINIMUM 50 YEAR DESIGN LIFE. CULVERTS MUST CONFORM TO EPC ECM SECTION 3.32 -CULVERTS.
- ASPHALT THICKNESS AND BASE COURSE THICKNESS (COMPACTED) FOR ROADS SHALL BE PER DESIGN REPORT BY OWNER'S GEOTECHNICAL ENGINEER. OWNER'S GEOTECHNICAL ENGINEER TO BE ON SITE AT THE TIME OF ROAD CONSTRUCTION TO EVALUATE SOIL CONDITIONS AND DETERMINE IF ADDITIONAL MEASURES ARE NECESSARY TO ASSURE STABILITY OF THE NEW ROADS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY DEVELOPMENT SERVICES ENGINEERING DIVISION PRIOR TO CONSTRUCTION.

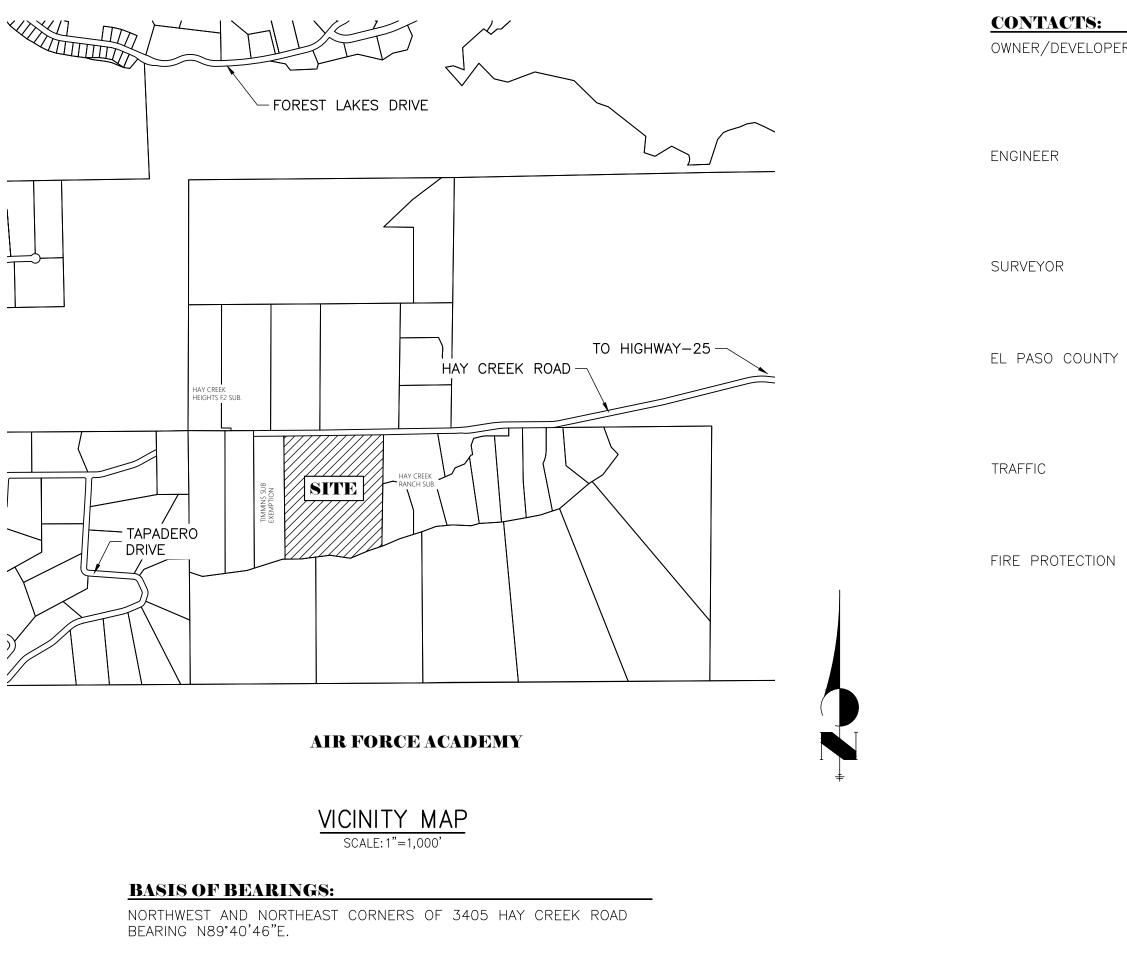
SIGNING AND STRIPING NOTES:

- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). . REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE
- PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS. ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- 4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.
- 5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- 6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4" UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6" LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 40 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 18" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS"
- 8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING. 9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- 10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- 11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND 8' LONG PER CDOT S-627-1. 12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT
- AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1. 13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF
- SIGNING AND STRIPING. 14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

STANDARD NOTES FOR EL PASO COUNTY CONSTRUCTION PLANS:

- 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 NOTIFICATION 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 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. 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.
- 9. 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.
- 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 PCD AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]
- 14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DPW, 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.

HAY CREEK HULL SUBDIVISION EL PASO COUNTY, COLORADO **CONSTRUCTION DRAWINGS**



BENCHMARK:

NORTHEAST CORNER OF 3405 HAY CREEK ROAD WITH A NAVD88 ELEVATION OF 6990.22

SHEET INDEX

1	—	COVER SHEET
2	—	LEGEND
3-4	—	STREET IMPROVEMENT PLAN
5	—	INITIAL-FINAL GEC PLAN
6	_	STORM SEWER PLAN & PROFILE
7-8	—	DETAILS
8	_	TOTAL SHEETS



THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT JENNIFER INVINE P.E. LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR COUNTY ENGINEER/ECM ADMINISTRATOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.

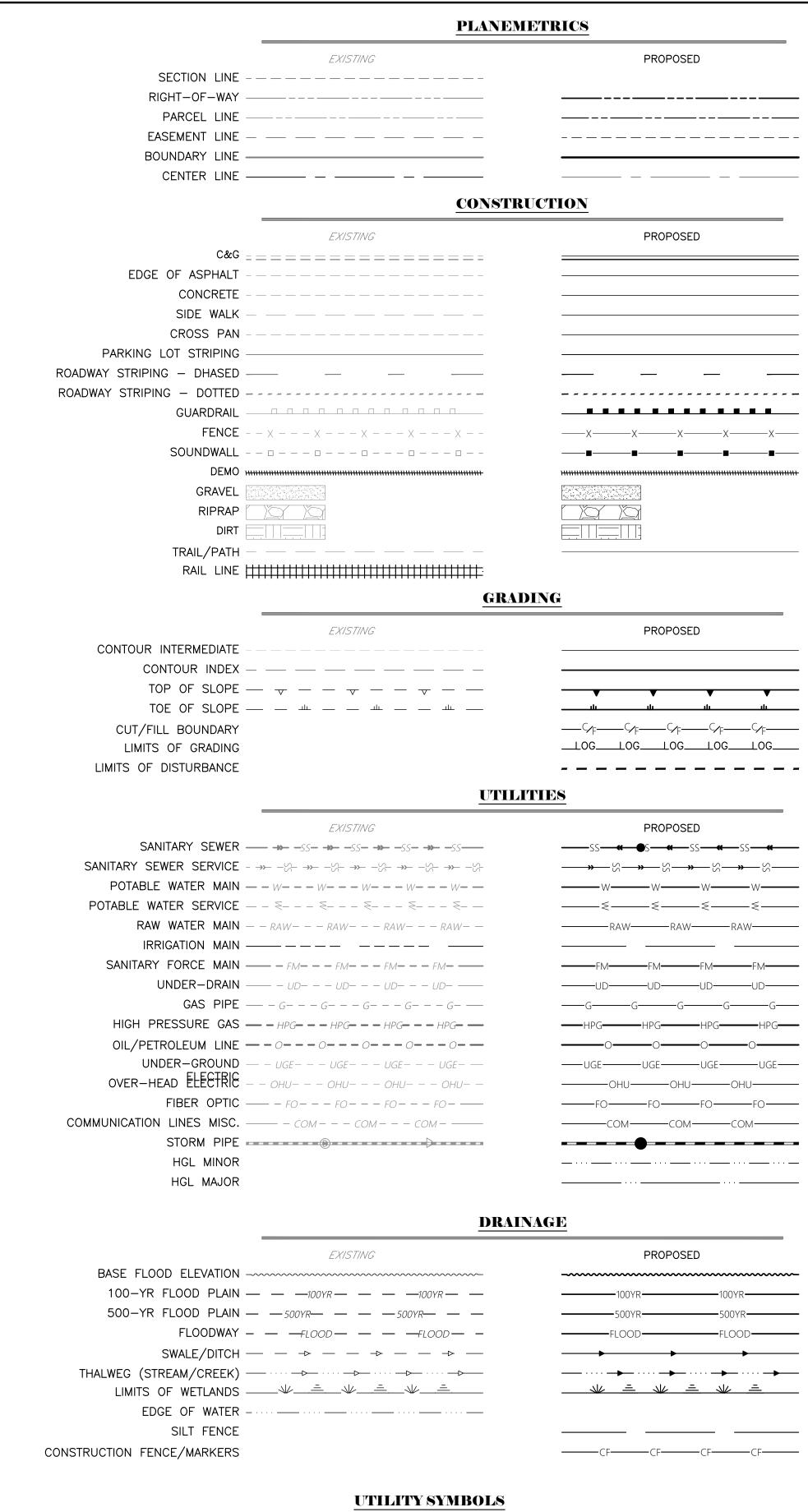
EL PASO COUNTY STATEMENT

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR WITH COUNTY DESIGN CRITERIA. THE COUNTY THE ACCURACY AND ADEQUACY OF THE DESI ELEVATIONS WHICH SHALL BE CONFIRMED AT THROUGH THE APPROVAL OF THIS DOCUMENT RESPONSIBILITY FOR COMPLETENESS AND/OR DOCUMENT.

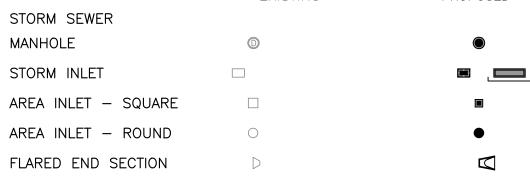
FILE IN ACCORDANCE WITH THE REQUIREMENT LAND DEVELOPMENT CODE, DRAINAGE CRITERI 2, AND ENGINEERING CRITERIA MANUAL AS AM

IN ACCORDANCE WITH ECM SECTION 1.12, THE DOCUMENTS WILL BE VALID FOR CONSTRUCTION YEARS FROM THE DATE SIGNED BY THE EL P CONSTRUCTION HAS NOT STARTED WITHIN THO WILL NEED TO BE RESUBMITTED FOR APPROVA REVIEW FEES AT THE PLANNING AND COMMUN DIRECTORS DISCRETION.

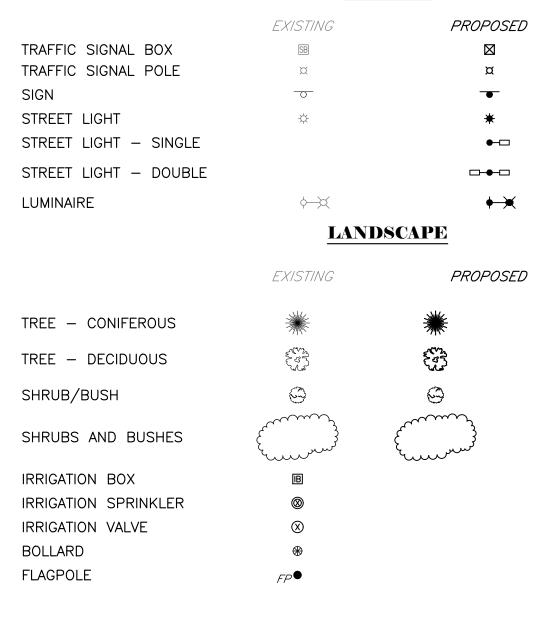
R 3405 HAY CREEK 3405 HAY CREEK COLORADO SPRIN ATTN: JAMIE HUL (719) 331–6121 ALL TERRAIN ENO 1004 W VAN BUH COLORADO SPRIN ATTN: NICHOLAS (530) 391–7635 POLARIS SURVEYI	K DRIVE IGS, CO 80921 L GINEERING LLC REN ST IGS, CO 80907 JOKERST		NICHDLAS Q 530,397,7635-
1903 LELARAY S COLORADO SPRIN (719) 448–0844 EL PASO COUNTY COMMUNITY DEVE 2880 INTERNATIO COLORADO SPRIN	TREET, SUITE 102 IGS, CO 80909 / PLANNING AND LOPMENT NAL CIRCLE, SUITE 110 IGS CO 80910 / DEPARTMENT OF PUBLIC WORKS	PREPARED FOR: 3405 HAY CREEK, LLC 3405 HAY CREEK COLORADO SPRINGS, CO 80921	: JAMIE HULL 9) 331-6121 WEST@GMAII
COLORADO SPRIN 375 PRINTERS P COLORADO SPRIN (719) 385–5950	GS, CO 80910	CH TIME E APPRC LIATE REV ES, ALL T	engineering Approves Their Use only for the purposes Designated by Written Authorization.
	OWNER/DEVELOPER STATEMENT	JOB NO: 24008 LOCATION: ### REV DESCRIPTION DATE	
	I, THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED IN THESE DETAILED PLANS AND SPECIFICATIONS.	SUBDIVISION	
R GENERAL CONFORMANCE IS NOT RESPONSIBLE FOR GN, DIMENSIONS AND/OR THE JOB SITE. THE COUNTY ASSUMES NO ACCURACY OF THIS TS OF THE EL PASO COUNTY A MANUAL, VOLUMES 1 AND MENDED. ESE CONSTRUCTION DN FOR A PERIOD OF 2	3405 HAY CREEK DRIVE COLORADO SPRINGS, 80921 ENGINEER'S STATEMENT THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS.	CREEK HULL	COVER SHEET
PASO COUNTY ENGINEER. IF OSE 2 YEARS, THESE PLANS AL, INCLUDING PAYMENT OF NITY DEVELOPMENT	PR 59273	DESIGN: NQ. REVIEW: REB DATE: 09/16/ (H-SCALE: 1") (V-SCALE: N/	3 /2024 = 1000'
DATE	NICHOLAS Q. JOKERST, P.E. COLORADO P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC COUNTY PLANNING & COMMUNITY DEVELOPMENT NUMBER:	SHE 1 O	EET







TRAFFIC



UTILITY SYMBOLS

	EXISTING	PROPOSED
SANITARY		
LINE MARKER	Mkr San ^O	
SERVICE MARKER	Δ	
CLEAN-OUT	0—	●-
MANHOLE	\$	•
WATER		
LINE MARKER	Mkr W ^O	
SERVICE MARKER	\land	
FIRE HYDRANT	Q	≪
FIRE CONNECTION		$\mathbf{\mathbf{Y}}$
MANHOLE		•
BEND		X
BLOW-OFF VALVE	<mark>گر</mark>	●-[
WELL	O _{WELL}	Well
METER		•
VALVE	\bowtie	•
REDUCER		←
THRUST BLOCK		ĸ
CROSS		-+
PLUG W/ THRUST BLOCK	Del _	▶[⊽
TEE		↓ ↓
REVERSE ANCHOR		l 🖉
ANODE		۵
AIR & VACUUM VALVE ASSEMBLY		— •

GAS

MARKER	Mkr G ⁰		
SERVICE MARKER			
METER	G	۲	

DRY UTILITIES

CABLE TV MARKER	Mkr TV ^O	
CABLE TELEVISION PEDESTAL	TV	
ELECTRIC MARKER	Mkr E ⁰	
ELECTRIC SERVICE MARKER	Ē	
ELECTRICAL PEDESTAL	E	
ELECTRICAL METER	Ê	
ELECTRICAL MANHOLE	E	
FIBER-OPTIC MARKER	Mkr F0 ⁰	
IRRIGATION PEDESTAL	Ι	
TELEPHONE MARKER	Mkr T ⁰	
TELEPHONE PEDESTAL	Τ	
TELEPHONE MANHOLE	(\mathbb{T})	
UTILITY POLE	-0-	•
GUY ANCHOR	@—	
GUY POLE	0-	
MISC. UTILITIES		

VENT PIPE

TEST HOLE DESIGNATOR

FIRM FIRM/AGENCY

VPOVP

•_{VP}

GRADING AND EROSION CONTROL STANDARD NOTES

1. STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAU DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.

- 2. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OF RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED
- 3. A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PRO STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO (DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT AL DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- 4. ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDIC BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIM
 5. CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT
- STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DIT IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE. 6. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL
- CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES AR
 ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASS
 AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEED
 THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT A
 INTO THE STORMWATER MANAGEMENT PLAN.
 TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED A
- 7. TEMPORART STABILIZATION STALL BE IMPLEMENTED ON DISTORBED A CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY
 8. FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CON ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE AND ALL DISTUR INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE L STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT
- FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.9. ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INS PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PE
- APPROVED BY THE ECM ADMINISTRATOR PRIOR TO IMPLEMENTATION. 10. EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SC AND RESULTING SEDIMENTATION. ALL DISTURBANCES SHALL BE DESIG AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTES SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- 11. COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED F STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESI BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL I IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED MUST BE LOOSENED PRIOR TO INSTALLATION OF THE CONTROL MEAS
- 12. ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCT THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A ST THE DISCHARGE OF SEDIMENT OFF SITE.
- 13. CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK
- 14. DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WAT SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STA 15. EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SH
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WAACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. I WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPE 17. WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED
- ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITION 18. TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL B
- CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY. 19. THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STOR
- STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT. 20. THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL M
- 21. NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORM PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WI FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MON
- 22. BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLO REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTA MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSU
- 23. NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW I SEDIMENT CONTROL MEASURES.24. OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "CI
- CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO VOLUME II AND THE ECM APPENDIX I. ALL APPROPRIATE PERMITS MU CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ET REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- 25. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT A 26. PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION
- 27. A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWOR MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- 28. THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ROCKY THESE PLANS.
- 29. AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CON ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTI DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGE CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION

COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT WATER QUALITY CONTROL DIVISION WQCD – PERMITS

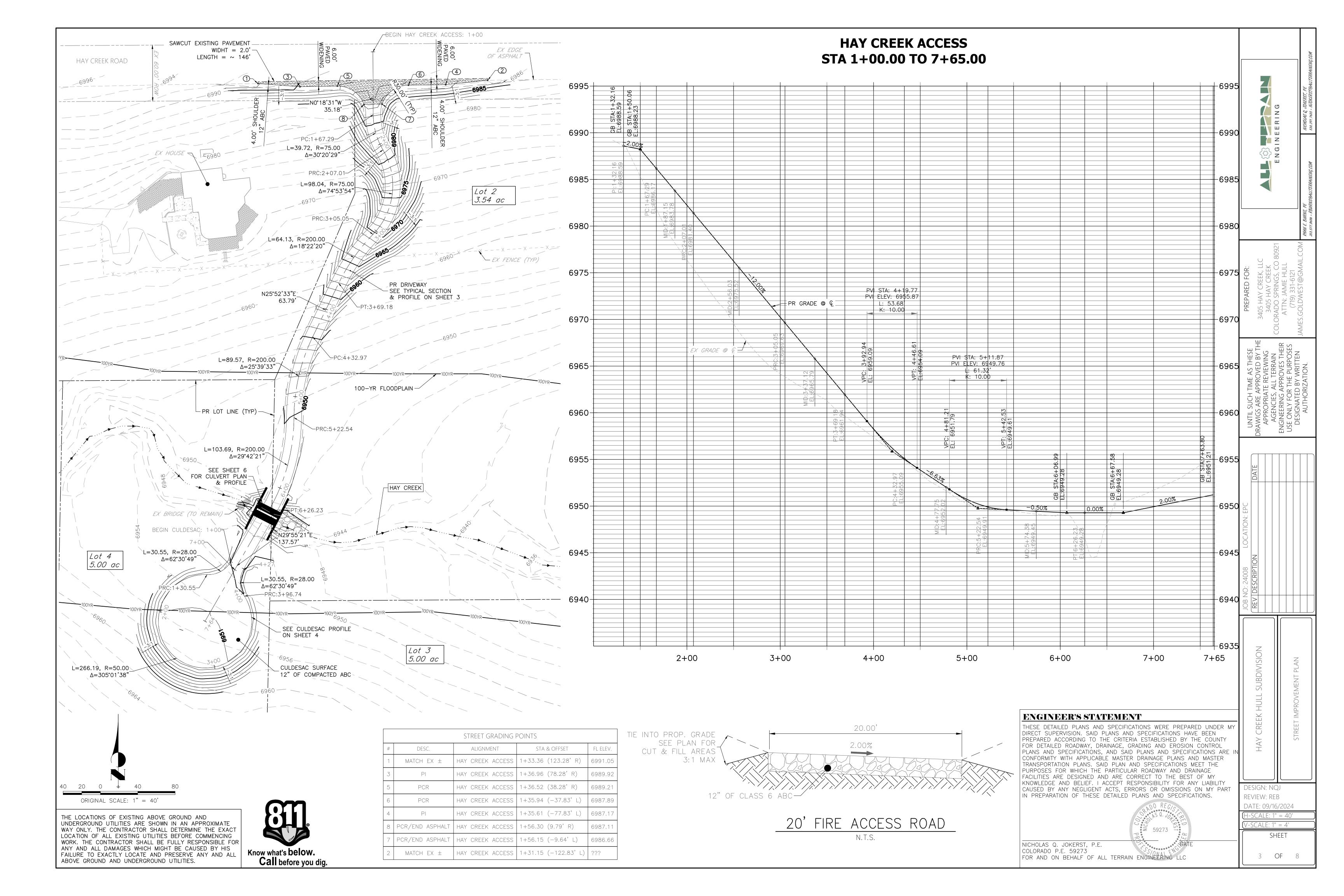
4300 CHERRY CREEK DRIVE SOUTH

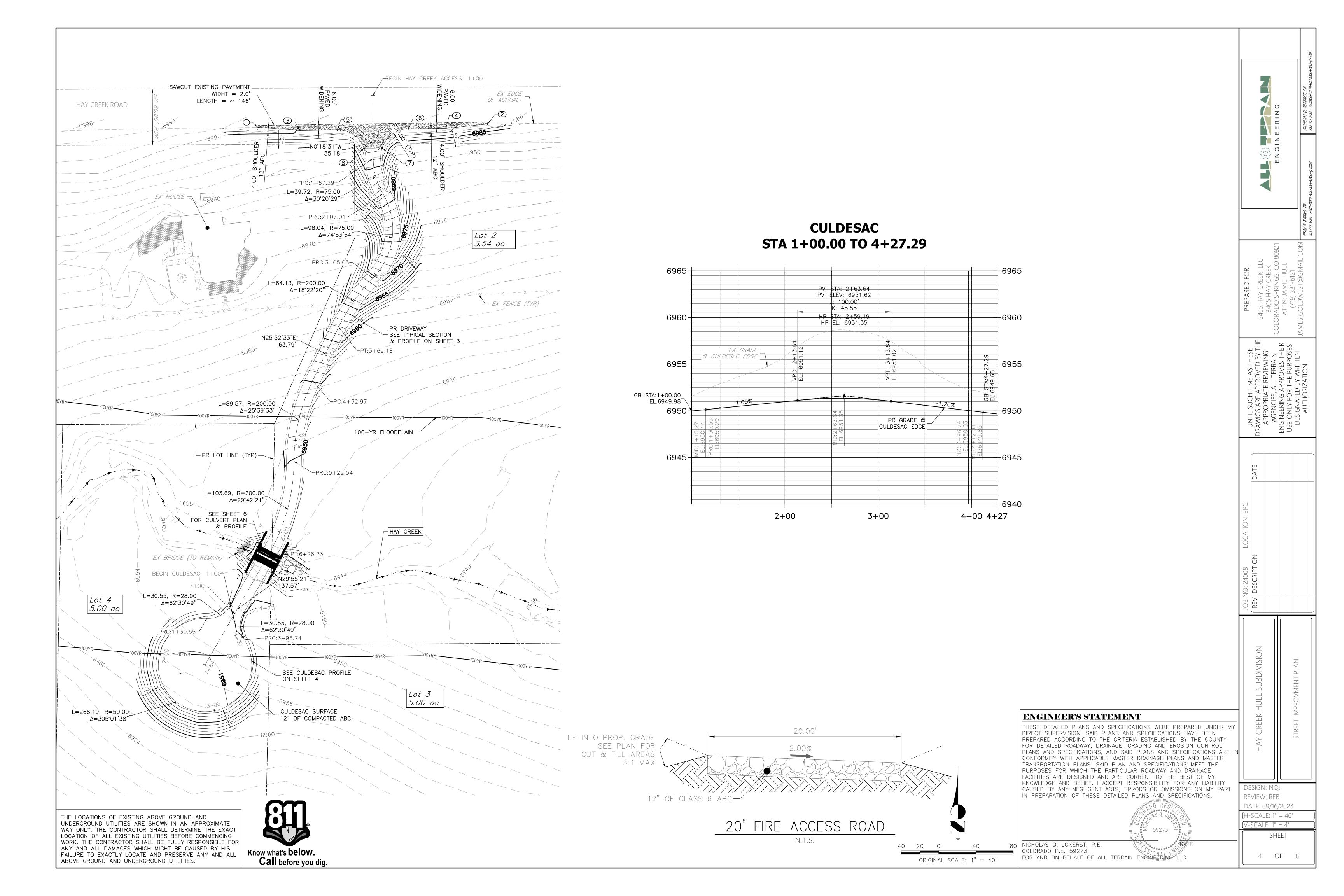
DENVER, CO 80246-1530 ATTN: PERMITS UNIT

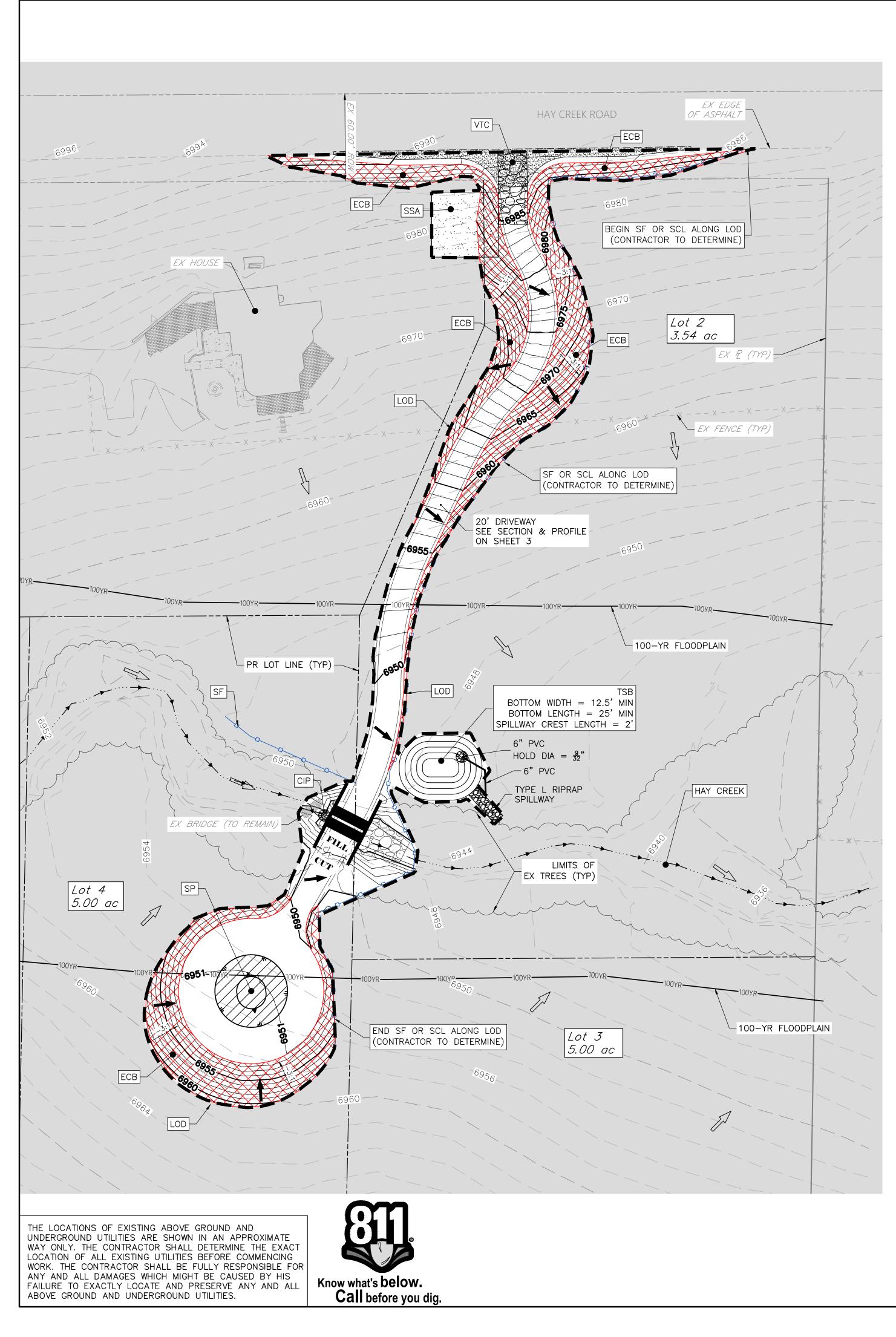
S			
CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION]	VENG.COM
S OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION HALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE JNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY ISTED, AND APPROVED, IN WRITING. PROJECT SHALL BE COMPLETED AND AN EROSION AND O COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP ED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO			NICHDLAS Q. UDKERST, PE 530.391.7635 - NUDKERST@ALLTERRANIENG, COM
IAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE IDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING LL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE TIME AND PLACE WITH COUNTY STAFF. INT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED		Ι - - -	
ALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE EEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF T AND EROSION CONTROL MEASURES MUST BE INCORPORATED			RYAN E BURNS, PE 203.577.8656 - RBURNSQALLTERRAMENG, COM
D AREAS AND STOCKPILES WHERE GROUND DISTURBING RILY CEASED FOR LONGER THAN 14 DAYS. CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN FURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH E LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE IT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON	51		
INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE	: LLLC K CO 80921		
N. SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION ISIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED IEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION IET OF A WATERS OF THE STATE UNLESS SHOWN TO BE	PREPARED FOR: 3405 HAY CREEK, LI 3405 HAY CREEK DRADO SPRINGS, CO	V: JAMIE HUI 19) 331-6121 20//FST@G//	
) FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL ESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO IL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION TED FOR INFILTRATION AND VEGETATION CONTROL MEASURES EASURE(S).	PRE 3405 H 340 340 COLORADC	ATTN: JAMIE HULL (719) 331-6121 AMES GOLDW/FST@GMAII	
UCTED FOR THE CONVEYANCE OF STORMWATER AROUND, STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND	SE G G	HEIR DSES N	
IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE G ANY SURFACE OR SUBSURFACE STORM DRAINAGE ATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE EK OR STREAM. VATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE STATE DEWATERING PERMIT IS IN PLACE. SHALL BE USED ON SLOPES STEEPER THAN 3:1. WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN G. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL MPED, OR DISCHARGED AT THE SITE. ED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN COL MEASURES MAY BE REQUIRED BY EL PASO COUNTY IONS AND CIRCUMSTANCES. BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE	UNTIL SUCH TIME AS THES DRAWIGS ARE APPROVED BY APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN	ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN	AUTHORIZATION.
/AL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, ORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND			
NT. LL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY LL MATERIALS STORED ON—SITE SHALL BE STORED IN A NEAT, MANUFACTURER'S LABELS. DRMWATER ARE TO BE STORED OR USED ONSITE UNLESS WRITING BY THE ECM ADMINISTRATOR. IN GRANTING APPROVAL MONITORING MAY BE REQUIRED. LLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL INTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED BSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.	ON: EPC DATE		
W IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DCM MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE THER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST	LOCATI		
APPROVED CONSTRUCTION ACCESS POINTS. ATION OF EXISTING UTILITIES. ORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO KY MOUNTAIN GROUP AND SHALL BE CONSIDERED A PART OF	OB NO: 24008 REV DESCRIPT		
CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) CTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER ND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION			
AGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION ON MATERIALS CONTACT:	HAY CREEK HULL SUBDIVISION	LEGEND	
	DESIGN: NQ REVIEW: REB DATE: 09/16/ (H-SCALE: N/ V-SCALE: N/	3 /2024 /A /A	

SHEET

OF 8







GRADING AND EROSION CONTROL PLAN NOTES:

- 1. TOTAL DISTURBANCE AREA \sim 43,124 SQ. FT. (0.99 AC)
- 2. INITIAL & INTERIM TEMPORARY CONSTRUCTION CONTROL MEASURES (TCM) SHALL REMAIN THROUGH THE FINAL PHASE.
- 4. ALL AREAS DISTURBED DURING CONSTRUCTION, OUTSIDE OF THE PROPOSED ROADWAY, MUST BE SEEDED AND MULCHED.

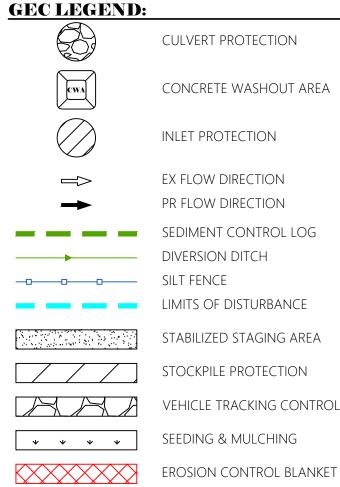
INITIAL PHASE TCM:

- VEHICLE TRACKING CONTROL
- STABILIZED STAGING AREA • SILT FENCE/SEDIMENT CONTROL LOG

INTERIM PHASE TCM:

- EROSION CONTROL BLANKET CULVERT INLET PROTECTION
- <u>FINAL PHASE TCM:</u>

SEEDING AND MULCHING



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CULVERT PROTECTION

CONCRETE WASHOUT AREA

INLET PROTECTION

EX FLOW DIRECTION

PR FLOW DIRECTION

STABILIZED STAGING AREA

STOCKPILE PROTECTION

VEHICLE TRACKING CONTROL

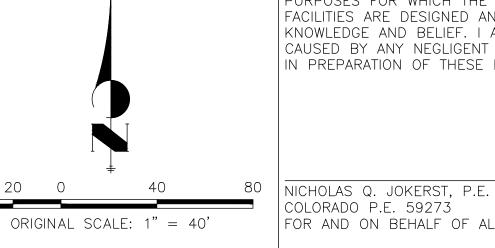
DIVERSION DITCH

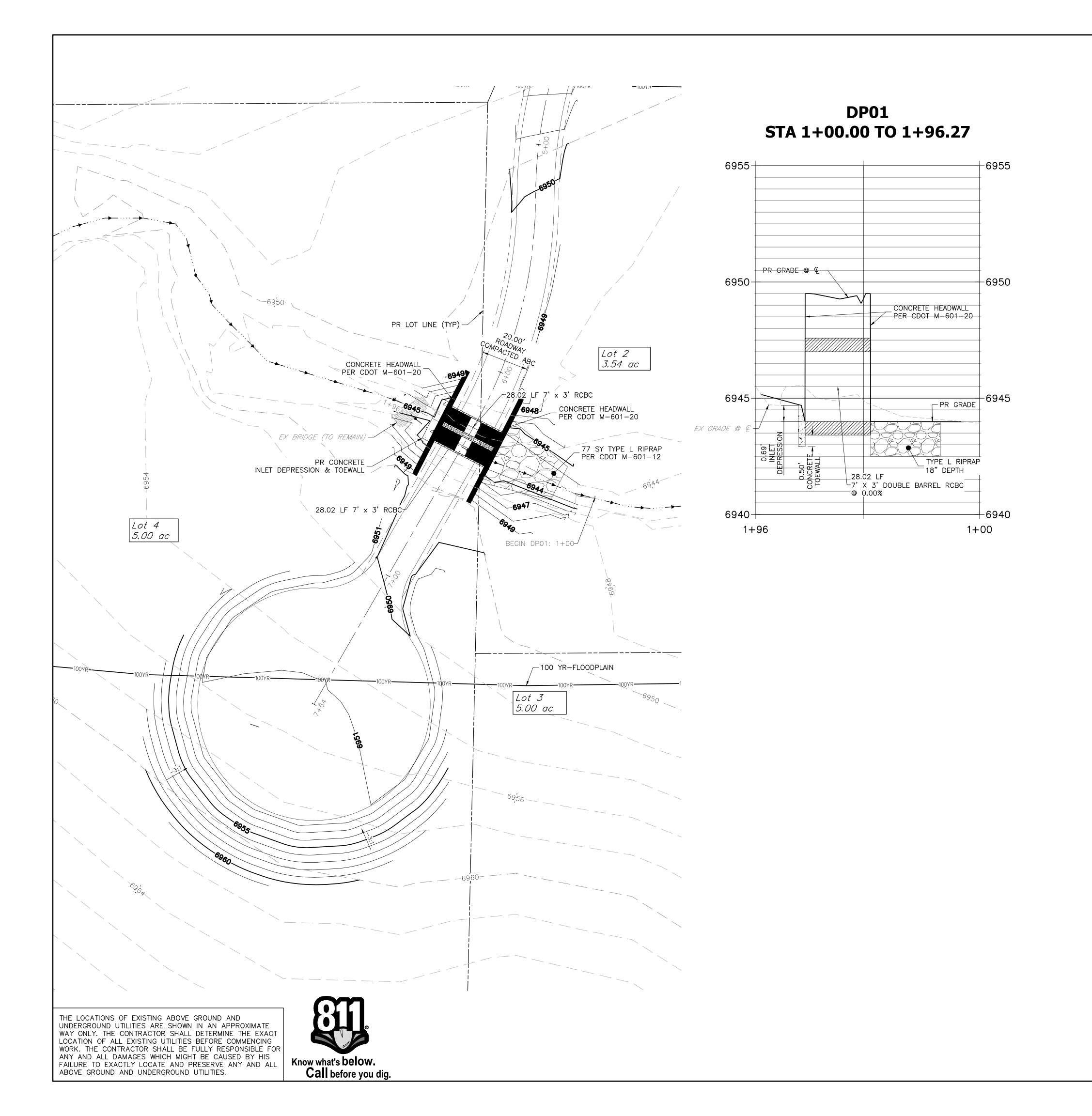
SEDIMENT CONTROL LOG LIMITS OF DISTURBANCE

DO NOT DISTURB

L H H H H H ENGINEER'S STATEMENT THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY DESIGN: NQJ CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS. REVIEW: REB DATE: 09/16/2024 I-SCALE: 1" = 40' -SCALE: 1" = 4' 59273 SHEET 5 OF 8 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING

Z

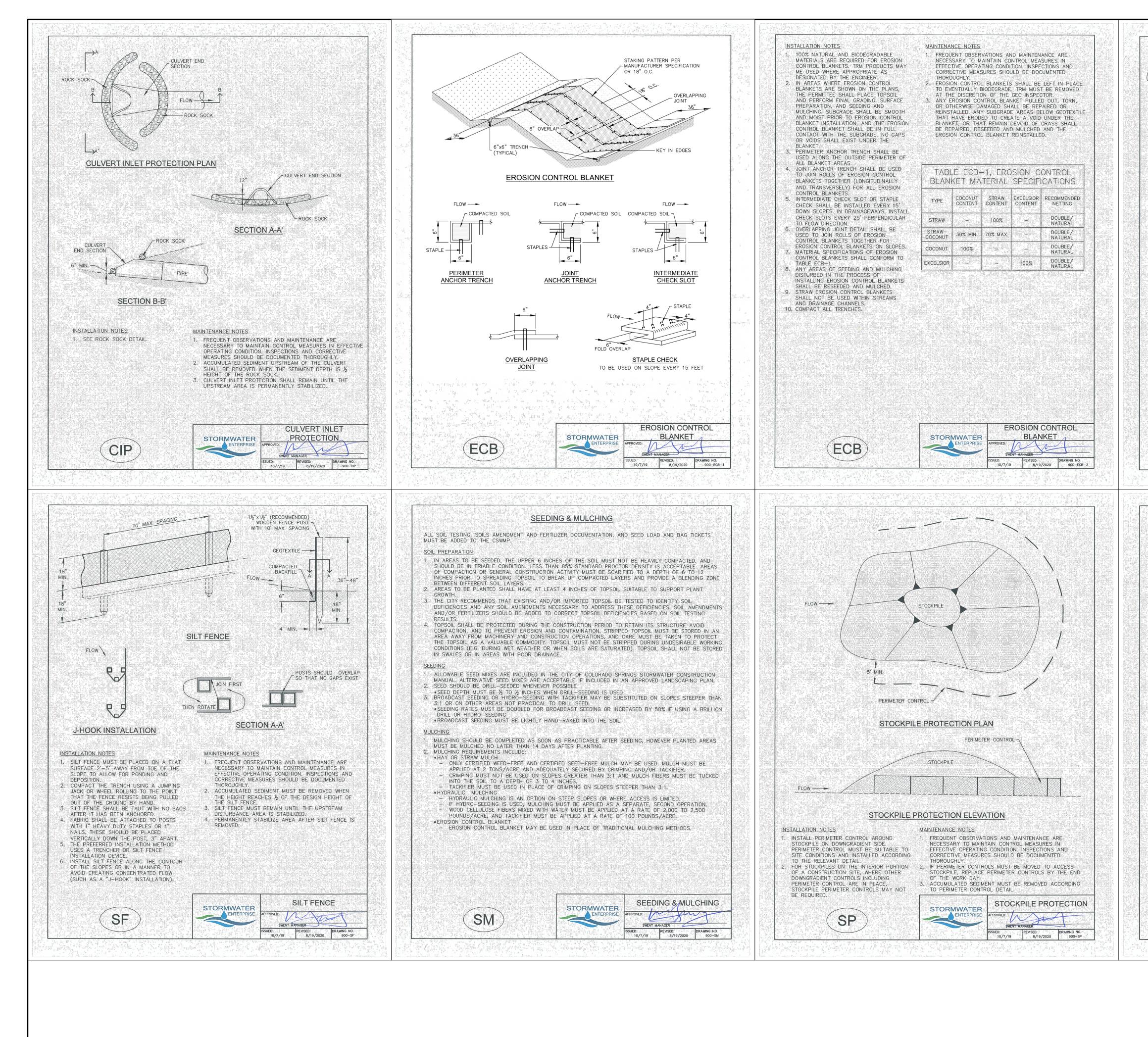


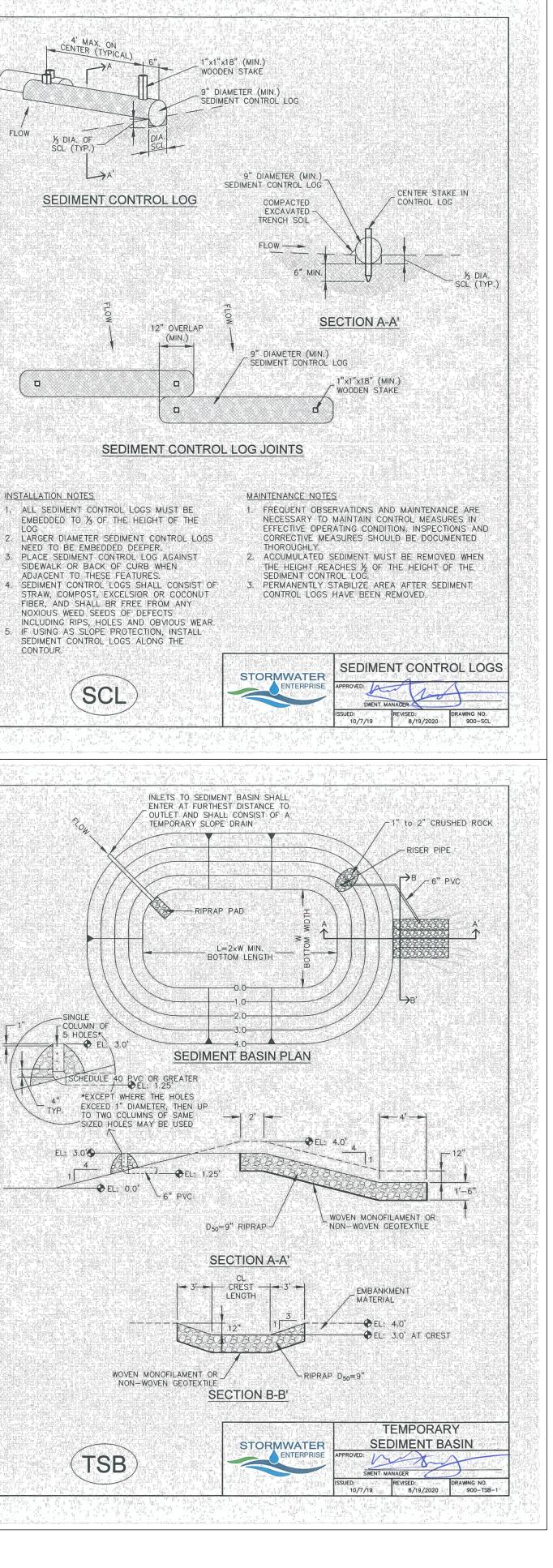


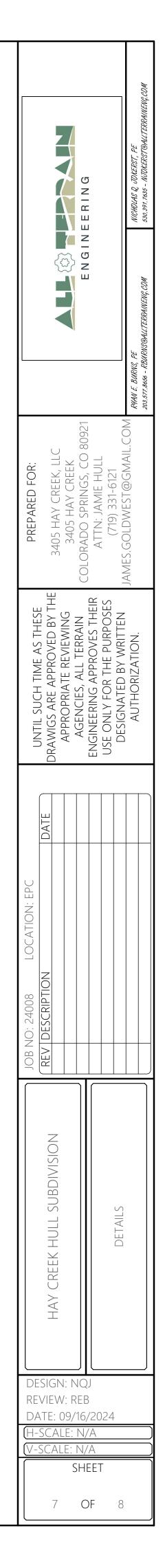
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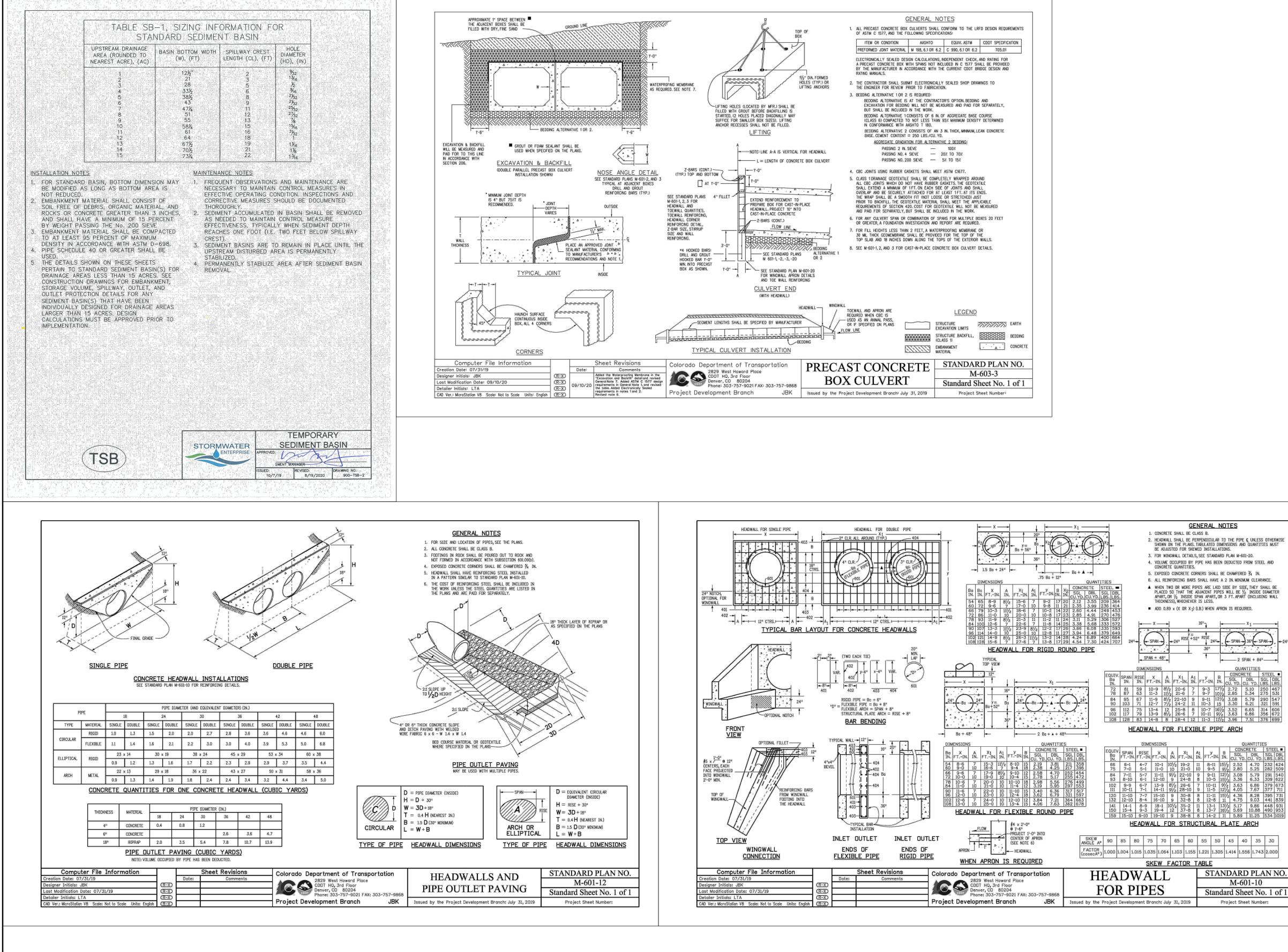
	RAM E. BURNS, PER IN G. NCHPLAS, ADDRERT, PE 203.577.8656 - RBURNSOALTTERRAMENC, COM
	PREPARED FOR: 3405 HAY CREEK, LLC 3405 HAY CREEK COLORADO SPRINGS, CO 80921 ATTN: JAMIE HULL (719) 331-6121 JAMES.GOLDWEST@GMAIL.COM
	UNTIL SUCH TIME AS THESE DRAWIGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.
	LOCATION: EPC
	JOB NO: 24008 LOC REV DESCRIPTION
ENGINEER'S STATEMENT THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECT SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLAN AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE	HAY CREEK HULL SUBDIVISION STORM SEWER PLAN & PROFILE
PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND SPECIFICATIONS. NICHOLAS Q. JOKERST, P.E. COLORADO P.E. 59273 FOR AND ON BEHALF OF ALL TERRAIN ENGINEERING LLC	DESIGN: NQJ REVIEW: REB DATE: 09/16/2024 (H-SCALE: 1" = 20' (V-SCALE: 1" = 2' SHEET 6 OF 8

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ORIC	GINAL	SCALE: 1" = 20'	









E N G I N E E R I N G	NICHOLAS & TOKERST, PE 530,391, 7635 - NUTOKERSTOLAL TERRAINENG, COM
	RAAN E. BURNS, PE 203.577,8656 - RBURNSQALTTERRAMENG, COM
	JAMES.GOLDWESI @GMAIL.COM
UNTIL SUCH TIME AS THESE DRAWIGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, ALL TERRAIN ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DFSIGNATED BY WRITTEN	AUTHORIZATION
JOB NO: 24008 LOCATION: EPC REV DESCRIPTION DATE	
HAY CREEK HULL SUBDIVISION	
DESIGN: NQJ REVIEW: REB DATE: 09/16/2024 H-SCALE: N/A V-SCALE: N/A SHEET 8 OF 8	

RISE 24"- SPAN 36" SPAN QUANTITIES 4.70 232 424 5.25 282 509 5.79 291 540 6.33 309 622 6.86 379 673 7 67 711 STANDARD PLAN NO. M-601-10 Standard Sheet No. 1 of 1