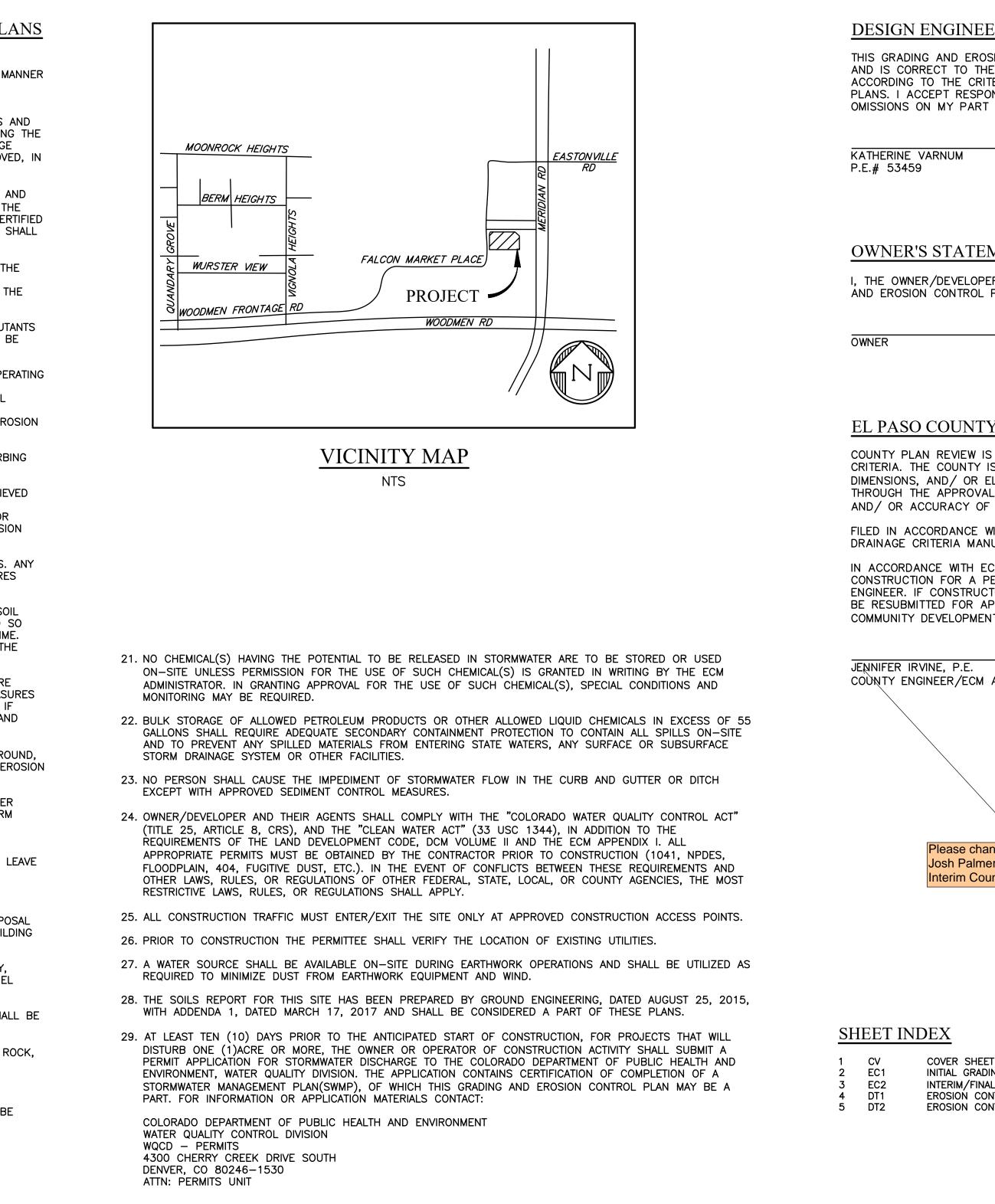
LOT 5, FALCON MARKETPLACE 7575 FALCON MARKETPLACE EL PASO COUNTY, COLORADO GRADING & EROSION CONTROL DOCUMENTS

STANDARD NOTES FOR EL PASO COUNTY GRADING AND EROSION CONTROL PLANS

- 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
- 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, 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 FIELD.
- 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 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 STAFF.
- 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. UNCONTAMINATED GROUNDWATER 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.





PREPARED B

DREXEL, BARRELL & CO Engineers • Surveyors

3 SOUTH 7TH STREET OLORADO SPGS, COLORADO 80 CONTACT: TIM D. McCONNELL, P (719)260-0887

BOULDER • COLORADO SPRINGS • GREELE

CLIENT:

KMG RE FALCON, LLC

6050 STETSON HILLS BLVD., STE #295

COLORADO SPRINGS. CO 80923

(719) 217-7279

KGERSTNER@TRIPODUSA.com

ΣΓ

DATE

01/07/2022

ISSUE

INITIAL ISSUE

LATEST ISSUE

please include signatures with resubmittal

DESIGN ENGINEER'S STATEMENT

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 LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARING THIS PLAN.

DAT

OWNER'S STATEMENT

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

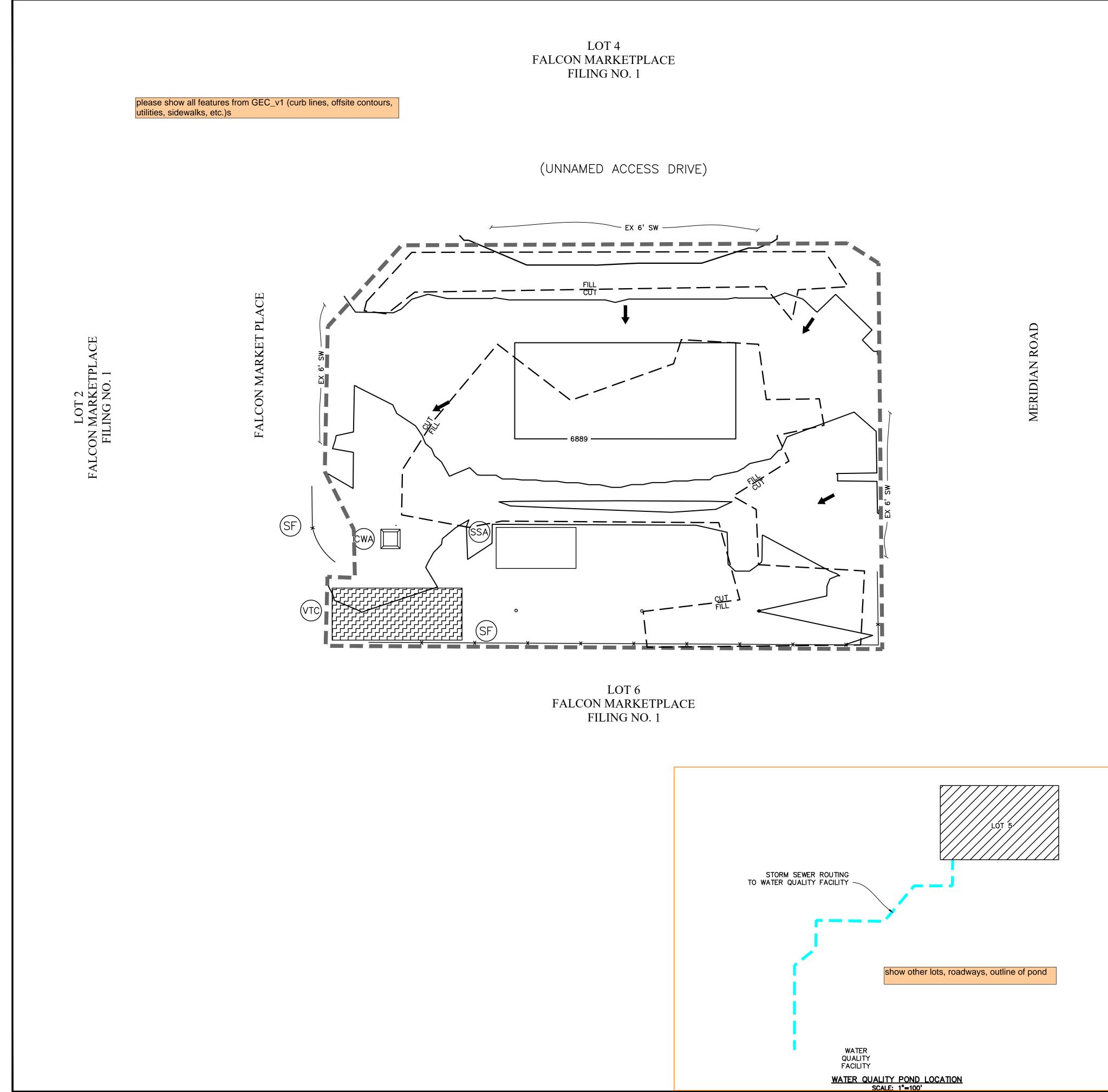
DATE

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.

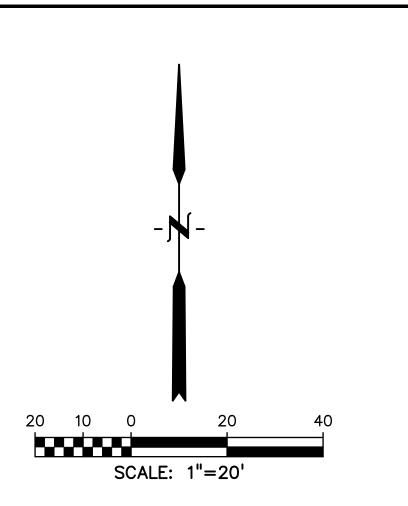
FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE. DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2. AND ENGINEERING CRITERIA MANUAL, AS AMENDED.

IN ACCORDANCE WITH FCM 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.

RVINE, P.E. NGINEER/ECM ADMINISTRATOR	DATE	-	
		DESIGNED BY:	KGV
		DRAWN BY: CHECKED BY:	SDM TDM
Please change to: Josh Palmer, P.E., Interim County Engineer		FILE NAME: 2098	38-10-ECCV
JDEX		PREPARED UNDER SUPERVISION FOR AN OF DREXEL, BARF <u>DRAWING S</u> HORIZONTAL: VERTICAL:	ND ON BEHALF RELL & CO. SCALE: N/A
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		PROJECT NO. 209	
		DRAWING NO.	
	EL PASO COUNTY PCD FILE NO: PPR-22002	SHEET: 1	OF 5







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LOW POINT LP
PROJECT BOUNDARY/PROPERTY LINE
ROW
LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY
CUT/FILL LINE
FINAL SEEDING/MULCHING
INTERIM/FINAL INLET PROTECTION
INITIAL/INTERIM SILT FENCE
NOTE: FIBER ROLL EROSION LOG CAN BE UTILIZED AS AN ALTERNATIVE TO SILT FENCING OR STRAW BALES. SEE CDOT STANDARD PLAN M-208-1 DETAIL ON SHEET 8.
INITIAL/INTERIM CONCRETE WASHOUT AREA
INITIAL/INTERIM VEHICLE TRACKING CONTROL
INITIAL/INTERIM STABILIZED STAGING AREASSA

SITE NOTES:

1. LOT 5 IS CURRENTLY WITHIN THE 100-YR FLOODPLAIN LIMITS. CONSTRUCTION TO MODIFY THE FLOODPLAIN HAS BEEN COMPLETED AND THE LOMR HAS BEEN SUBMITTED TO FEMA FOR APPROVAL. ONCE THE LOMR IS APPROVED THE FLOODPLAIN WILL BE REMOVED FROM THE BUILDABLE AREA OF LOT 5 AND RELOCATED TO WITHIN THE DRAINAGE EASEMENT AND TRACT B AS SHOWN

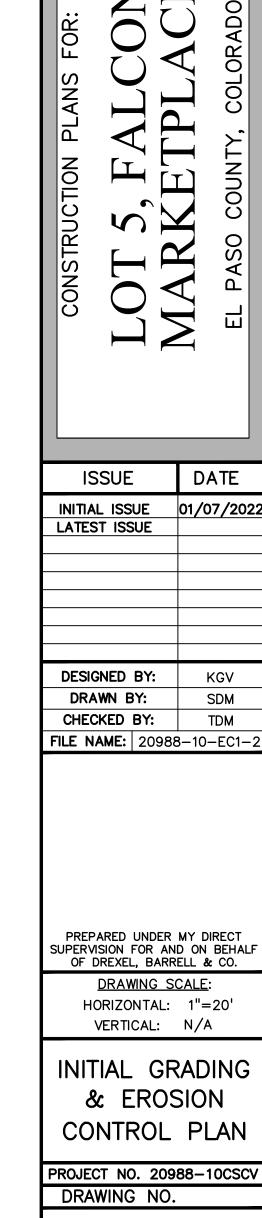
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- 3. THE NEED FOR DEWATERING IS NOT ANTICIPATED. IN THE EVENT THAT DEWATERING BECOMES NECESSARY THE CONTRACTOR, WITH INPUT FROM THE COUNTY STORMWATER INSPECTOR, WILL DESIGN THE LOCATIONS OF DIVERSION, PUMP & DISCHARGES.
- 4. SITE HAS BEEN RECENTLY OVERLOT GRADED AND RESEEDED.
- VEGETATION COVERAGE IS CURRENTLY SPARSE GRASSES. 5. NO BATCH PLANTS WILL BE UTILIZED ONSITE
 6. THE SITE IS NOT WITHIN 50FT OF ANY SURFACE WATERS



Know what's **below**. Call before you dig.

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



PREPARED BY:

DREXEL, BARRELL & CO. Engineers • Surveyors 3 SOUTH 7TH STREET COLORADO SPGS, COLORADO 80905

CONTACT: TIM D. McCONNELL, P.E (719)260-0887 BOULDER • COLORADO SPRINGS • GREELEY

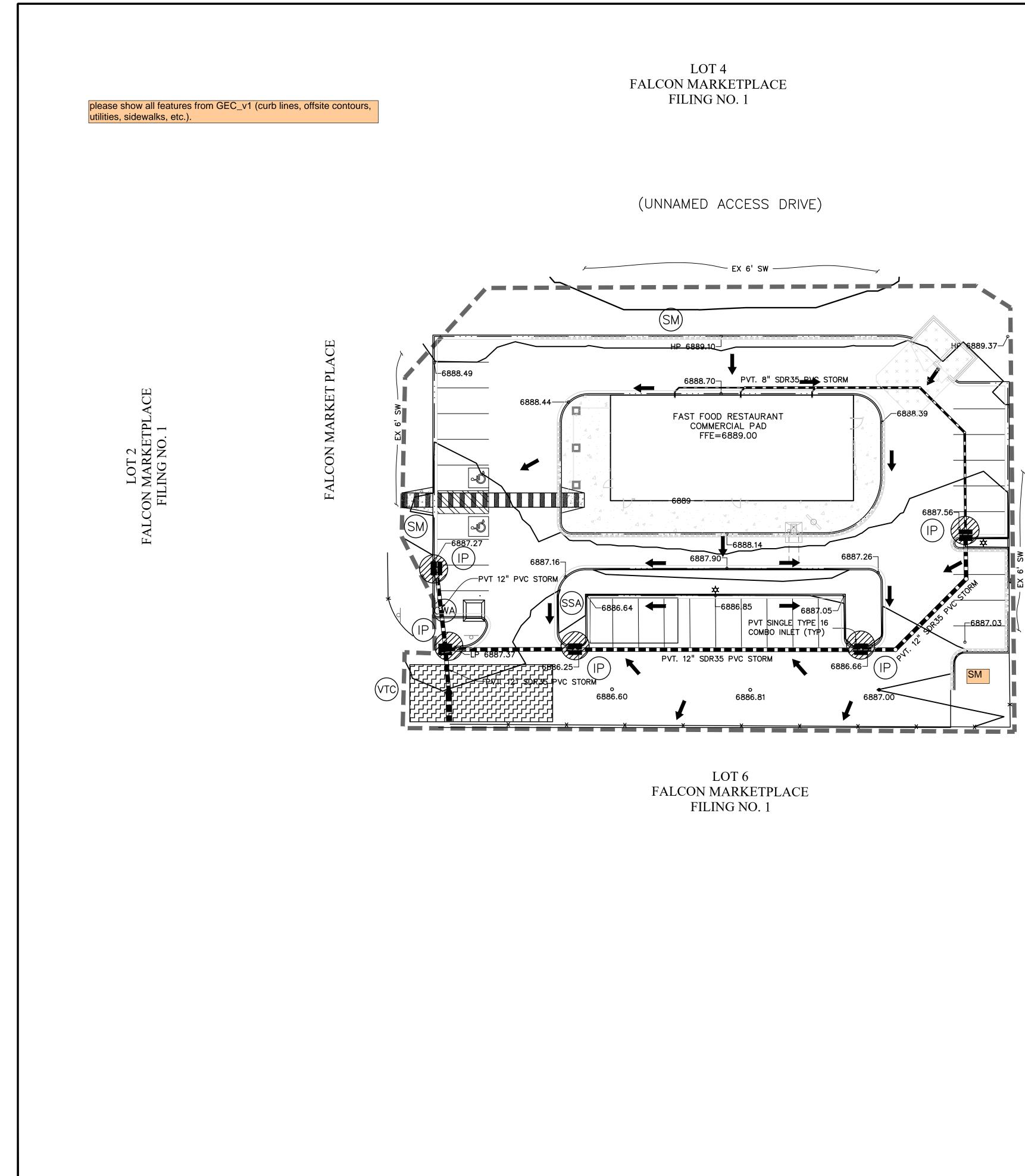
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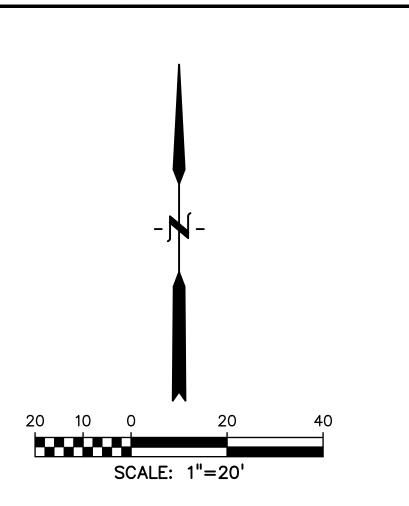
KMG RE FALCON, LLC

6050 STETSON HILLS BLVD., STE #295 COLORADO SPRINGS, CO 80923 (719) 217–7279 KGERSTNER@TRIPODUSA.com

SHEET: 2 OF 5

EC1





LEGEND

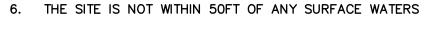
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LIMITS OF DISTURBANCE/ CONSTRUCTION SITE BOUNDARY	
CUT/FILL LINE	<u> </u>
FINAL SEEDING/MULCHINGS (SEE DETAIL SHEET 4))
INTERIM/FINAL INLET PROTECTION	
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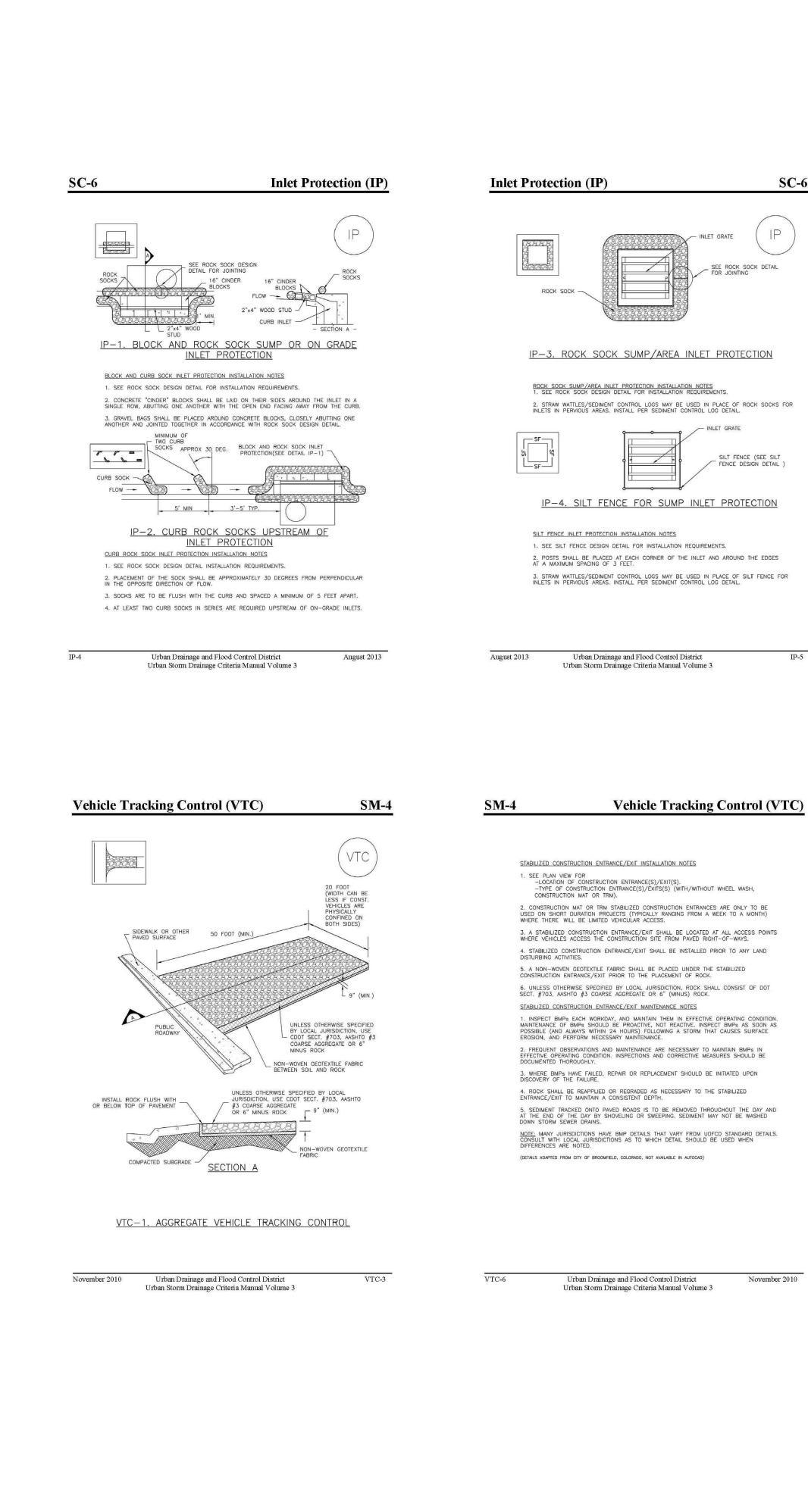
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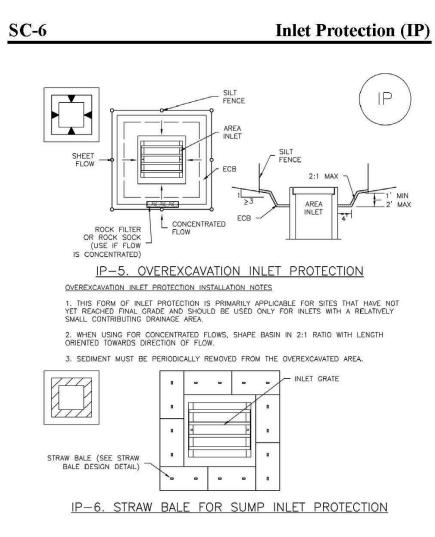


PREPARED BY:		
(719)260-0887 BOULDER • COLORADO SPRINGS • GREELEY CLIENT: KMG RE FALCON, LLC 6050 STETSON HILLS BLVD., STE #295 COLORADO SPRINGS, CO 80923 (719) 217–7279 KGERSTNER@TRIPODUSA.com		
CONSTRUCTION PLANS FOR: LOT 5, FALCON MARKETPLACE BL PASO COUNTY, COLORADO		
ISSUE DATE	22	
DESIGNED BY: KGV		
DESIGNED BY: KGV DRAWN BY: SDM CHECKED BY: TDM FILE NAME: 20988-10-EC1-2		
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO. DRAWING SCALE: HORIZONTAL: 1"=20' VERTICAL: N/A INTERIM/FINAL GRADING & EROSION CONTROL PLAN		
PROJECT NO. 20988-10CSCV DRAWING NO.		
EC2		

SHEET: 3 OF 5



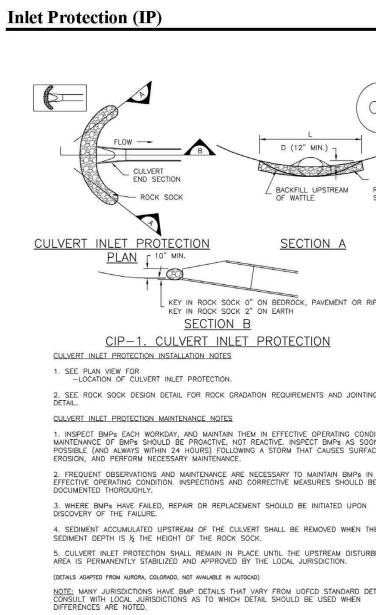
SC-6



STRAW BALE BARRIER INLET PROTECTION INSTALLATION NOTES 1. SEE STRAW BALE DESIGN DETAIL FOR INSTALLATION REQUIREMENTS. 2. BALES SHALL BE PLACED IN A SINGLE ROW AROUND THE INLET WITH ENDS OF BALES TIGHTLY ABUTTING ONE ANOTHER.

> Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

August 2013



August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3

1. WASTE DISPOSAL BIN LOCATIONS ARE T ADDED TO THE SWMP ONCE DETERMINED

NOTES:

2. ONSITE LOCATION OF THE SWMP IS TBD TO THE SWMP ONCE DETERMINED BY TH

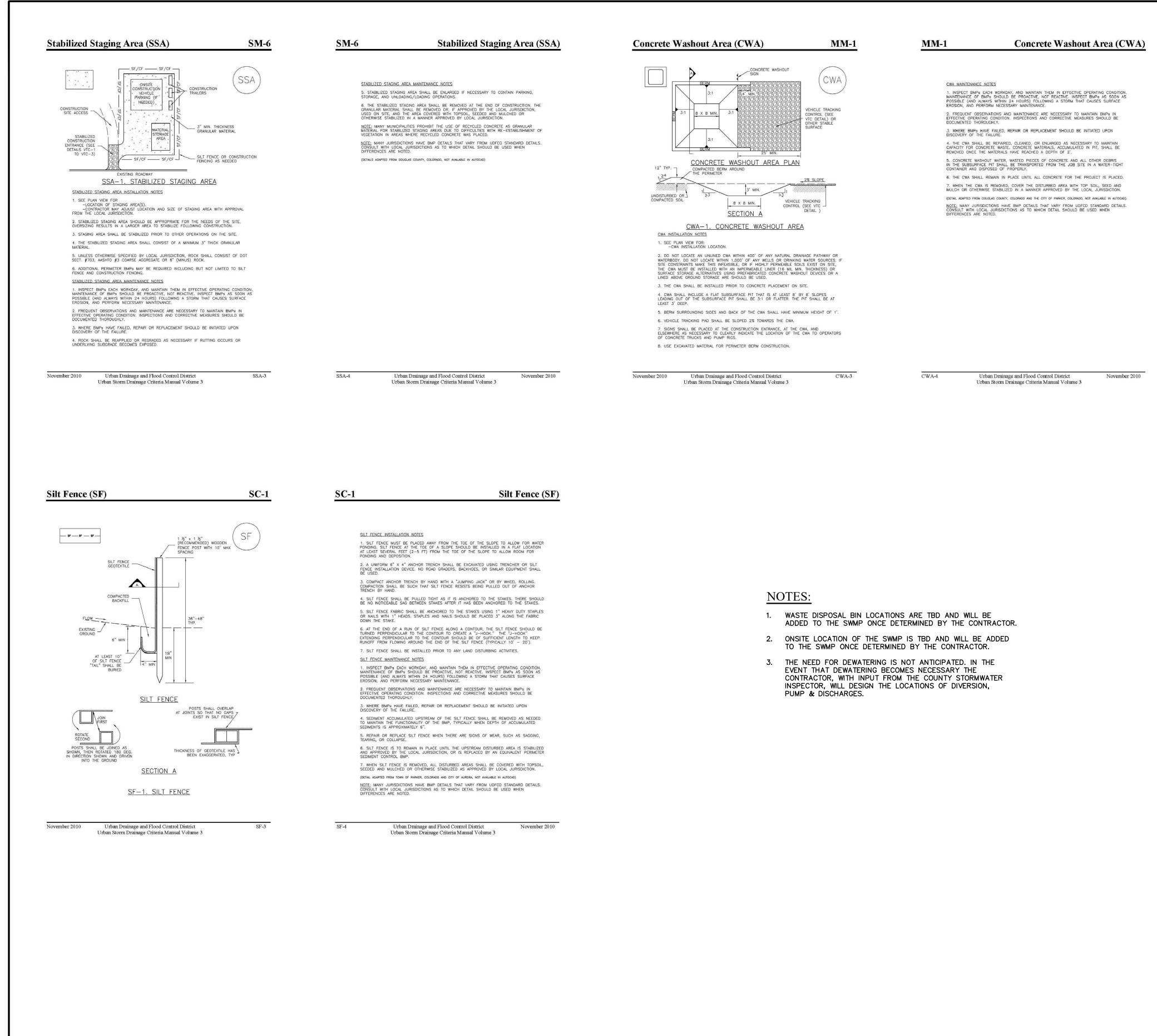
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		PREPARED BY:
SC-6	SC-6 Inlet Protection (IP)	DREXEL, BARRELL & CO. Engineers • Surveyors 3 SOUTH 7TH STREET COLORADO SPGS, COLORADO 80905 CONTACT: TIM D. McCONNELL, P.E. (719)260-0887
50-0	SC-0 Infect Protection (IF)	BOULDER • CÒLORADO SPRINGS • GREELEY
CIP ROCK BOCK SOCK REPRAP ATING ONDITION. SOON AS RFACE SON A THE TURBED	 GENERAL INLET PROTECTION INSTALLATION NOTES 1. SEE FUAN VIEW FOR: LOCATION OF INLET PROTECTION, T-TYPE OF INLET PROTECTION (PL, 1P.2, 1P.3, 1P.4, 1P.5, 1P.6) 2. INLET PROTECTION SKALL BE INSTALLED PROMPTLY AFTER INLET CONSTRUCTION OR PAYNOR IS COMPLETE (INFORCALY TIMEN 48 HOURS). FA PANIFALINGTE EVENT IS FORECAST, INSTALL INLET PROTECTION PRORE TO ONSET OF EVENT. 3. MANY JURGICTONS HAVE BMP DETAILS THAT VARY FROM UDCED STANDARD DETAILS. COMPLETE PROTECTION MAINTENANCE NOTES 1. INSPECT BMP, EACH WORKOY, MAN DAMATIAN THEM INCT DETAILS THAT VARY FROM UDCED STANDARD DETAILS. CONTON. MAINTENANCE NOTES 1. INSPECT BMP, EACH WORKOY, MAN DAMATIAN THEM IN EFFECTIVE OPERATING CONDITION. AND TRANSMIC DE ERROR STATUS AND AND STATUS AND AND AND THAT CAUSES SUBFACE ERRORS AND DEFROMM INCECESSARY WAINTENANCE. 2. PREDUBLET OBSERVATIONS AND MAINTENANCE ARE INCECESSARY TO MAINTAIN BMP, IN EPRECTIVE OPERATING CONDITION. INSPECT DIAN EPRECTIVE OPERATING CONDITION. INSPECT DIAN EPRECTIVE OPERATING CONDITION. INSPECT DIAN EPRECTIVE DETAILS THAT CAUSES SUBFACE ERRORS THAT CAUSES SUBFACE ERRORS AND CONRECTIVE MOLESSARY WAINTENANCE. 3. PREDUBLET OBSERVATIONS AND MAINTENANCE. ARE INCECESSARY TO MAINTAIN BMP, IN EPRECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY. 3. WHERE BMP, HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DESCOMENT OF THE FAILURES. 4. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED AS INCESSARY TO MAINTAIN BMP. IN EXCESSARY TO MAINTAIN AND AND THE FAILED. 5. INLET PROTECTION IN STREAM OF INLET PROTECTION SHALL BE REMOVED AS INCESSARY TO MAINTAIN AND AS INTERED. 6. INLET PROTECTION IN THE AND THE MAINTE MERS STARABE ANALL BE COMERE	CLIENT: KMG RE FALCON, LLC 6050 STETSON HILLS BLVD., STE #295 COLORADO SPRINGS, CO 80923 (719) 217–7279 KGERSTNER@TRIPODUSA.com
DETAILS. IP-7	IP-8 Urban Drainage and Flood Control District Angust 2013 Urban Storm Drainage Criteria Manual Volume 3	CONSTRUCTION LOT 5, FA MARKET EL PASO COUNT
TBD AND WILL BE ED BY THE CONTRACTOR. D AND WILL BE ADDED THE CONTRACTOR. NTICIPATED. IN THE CESSARY THE COUNTY STORMWATER NS OF DIVERSION,		INITIAL ISSUE 01/07/2022 LATEST ISSUE
	Know what's below. Call before you dig.	PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO. DRAWING SCALE: HORIZONTAL: N/A VERTICAL: N/A GRADING & EROSION CONTROL DETAILS PROJECT NO. 20988–10CSCV DRAWING NO.



DT1

SHEET: 4 OF 5



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IG CONDITION.

TEMPORARY SEEDING NOTES

NEED TO BE LOOSENED.

- 1. SOIL IS TO BE CONDITIONED FOR PLANT GROWTH BY APPLYING TOPSOIL, FERTILIZER OR LIME. 2. SOIL IS TO BE TILLED IMMEDIATELY PRIOR TO APPLYING SEEDS. COMPACT SOILS ESPECIALLY
- 3. SEEDBED DEPTH IS TO BE 4 INCHES FOR SLOPES FLATTER THAN 2:1 AND 1 INCH FOR SLOPES STEEPER THAN 2:1.
- 4. ANNUAL GRASSES LISTED IN THE TABLE BELOW ARE TO BE USED FOR TEMPORARY SEEDING. SEED MIXES ARE NOT TO CONTAIN ANY NOXIOUS WEED SEEDS INCLUDING RUSSIAN OR CANADIAN THISTLE, KNAPWEED, PURPLE LOOSESTRIFE, EUROPEAN BINDWEED, JOHNSON GRASS, AND LEAFY SPURGE.
- 5. THE TABLE BELOW ALSO PROVIDES REQUIREMENTS FOR SEEDING RATES, SEEDING DATES, AND PLANTING DEPTHS FOR THE APPROVED TYPES OF ANNUAL GRASSES.
- 6. SEEDING IS TO BE APPLIED USING MECHANICAL TYPE DRILLS EXCEPT WHERE SLOPES ARE STEEP OR ACCESS IS LIMITED THEN HYDRAULIC SEEDING MAY BE USED.
- 7. ALL SEEDED AREAS ARE TO BE MULCHED.
- 8. IF HYDRAULIC SEEDING IS USED THEN HYDRAULIC MULCHING SHALL BE DONE SEPARATELY TO AVOID SEEDS BECOMING ENCAPSULATED IN THE MULCH.

MULCHING NOTES

INSTALLATION REQUIREMENTS

- 1. MATERIAL USED FOR MULCH CAN BE CERTIFIED CLEAN, WEED-AND SEED-FREE LONG STEMMED FIELD OR MARSH HAY, OR STRAW OF OATS, BARLEY, WHEAT, RYE, OR TRITICALE CERTIFIED BY THE COLORADO DEPARTMENT OF AGRICULTURE WEED FREE FORAGE CERTIFICATION PROGRAM.
- 2. HYDRAULIC MULCHING MATERIAL SHALL CONSIST OF VIRGIN WOOD FIBER MANUFACTURED FROM CLEAN WHOLE WOOD CHIPS. WOOD CHIPS CANNOT CONTAIN ANY GROWTH OR GERMINATION INHIBITORS OR BE PRODUCED FROM RECYCLED MATERIAL.
- 3. MULCH IS TO BE APPLIED EVENLY AT A RATE OF 2 TONS PER ACRE.
- 4. MULCH IS TO BE ANCHORED EITHER BY CRIMPING (TUCKING MULCH FIBERS 4 INCHES INTO THE SOIL), USING NETTING (USED ON SMALL AREAS WITH STEEP SLOPES) OR WITH A TACKIFIER.
- 5. HYDRAULIC MULCHING AND TACKIFIERS ARE NOT TO BE USED IN THE PRESENCE OF FREE SURFACE WATER.

MAINTENANCE REQUIREMENTS

- 6. REGULAR INSPECTIONS ARE TO BE MADE OF ALL MULCHED AREAS.
- 7. MULCH IS TO BE REPLACED IMMEDIATELY IN THOSE AREAS IT HAS BEEN REMOVED, AND IF NECESSARY THE AREA SHOULD BE RESEEDED.

SEEDING PLAN

SOIL PREPARATION, FERTILIZER, SEEDING, MULCHING AND MULCH TACKIFIER WILL BE REQUIRED FOR DISTURBED AREAS EXCLUDING THE RIGHT-OF-WAYS.

THE FOLLOWING TYPES AND RATES SHALL BE USED:

COMMON NAME	SCIENTIFIC NAME	LBS PLS/ACRE
SAND BLUESTEM V. ELIDA WESTERN WHEATGRASS V. ARRIBA SIDEOATS GRAMA V. VAUGHN GALLETA V. VIVA (CARYOPSIS) LITTLE BLUESTEM V. PASTURA PRARIE SANDREED V. GASHEN SWITCHGRASS V. NEBR 28 BLANKETFLOWER PRARIE CONEFLOWER BLUE FLAX OATS WINTER WHEAT	ANDROPOGON HALLII PASCOPYRUM SMITHII BOUTELOUA CURTIPENDULA HILARIA JAMESII SCHIZACHYRIUM SCOPARIUM CALAMOVILFA LONGIFOLIA PANICUM VIRGATUM GAILLARDIA ARISTATA RATIBIDA COLUMINIFERA LINUM LEWISII AVENA SATIVA TRITICUM AESTIVUM	2.0 7.0 4.0 1.0 3.0 2.0 1.0 1.0 0.5 1.0 3.0 3.0
TOTAL/POUNDS/ACRE		28.5

NITROGEN 27 PHOSPHORUS (P205) 69 SEEDING APPLICATION: DRILL SEED 0.25"-0.5" INTO TOPSOIL. AREA NOT ACCESSIBLE TO A DRILL SEEDER AND SLOPES STEEPER THAN 2:1 SHALL BE HAND BROADCAST AT

DOUBLE THE ABOVE SEED RATE AND RAKED AT 1/4 TO 1/2 INTO THE TOPSOIL.

MULCHING APPLICATION: 1 1/2 TONS CERTIFIED WEED FREE NATIVE HAY PER ACRE MECHANICALLY CRIMED IN TOPSOIL IN COMBINATION WITH AN ORGANIC MULCH TACKIFIER.



Know what's **below**. Call before you dig CALL 3-BUSINESS DAYS IN ADVANCE

BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARE) BY:
DREXEL, BARR Engineers • St 3 SOUTH 7TH 9 COLORADO SPGS, CO CONTACT: TIM D. Mc (719)260-08 BOULDER • COLORADO SP BOULDER • COLORADO SP CLIEN KMG RE FALC 6050 STETSON H STE #29 COLORADO SPRINGS (719) 217- KGERSTNER@TRIPO	T: CON, LLC CON, CCC CON, CCC RINGS • GREELEY CON, LLC CON, CCC CON, CCC CON, CCC CON, CCC CON, CCC CON, CCC CON, CCC CON, CCC CON, CCC CCC CON, CCC CCC CCC CCC CCC CCC CCC CCC CCC CC
LOT 5, FALCON LOT 5, FALCON	EL PASO COUNTY, COLORADO
INITIAL ISSUE LATEST ISSUE DESIGNED BY: DRAWN BY: CHECKED BY: FILE NAME: 20988	01/07/2022 KGV SDM TDM 3–10–DT1–2
PREPARED UNDER SUPERVISION FOR AN OF DREXEL, BARR <u>DRAWING S</u> HORIZONTAL: VERTICAL:	D ON BEHALF ELL & CO. <u>CALE</u> : N/A
GRADIN EROSION C DETAII	ONTROL _S 88-10CSCV
DRAWING NO.	
DT	2

SHEET: 5 OF 5