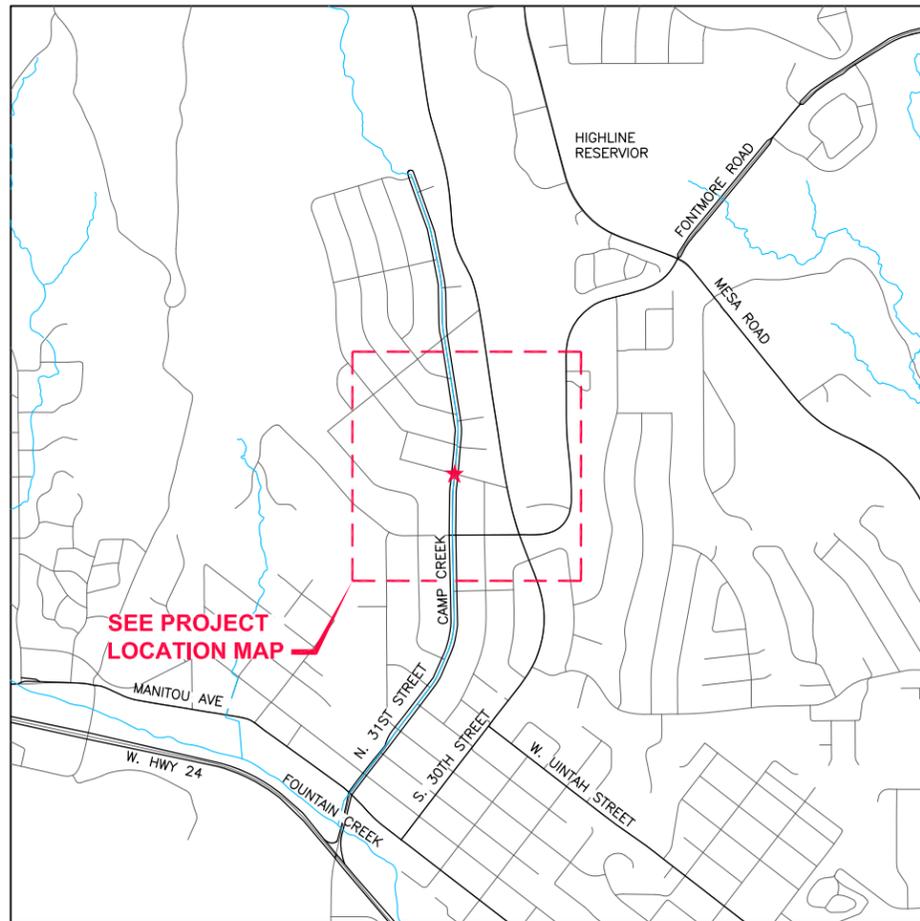




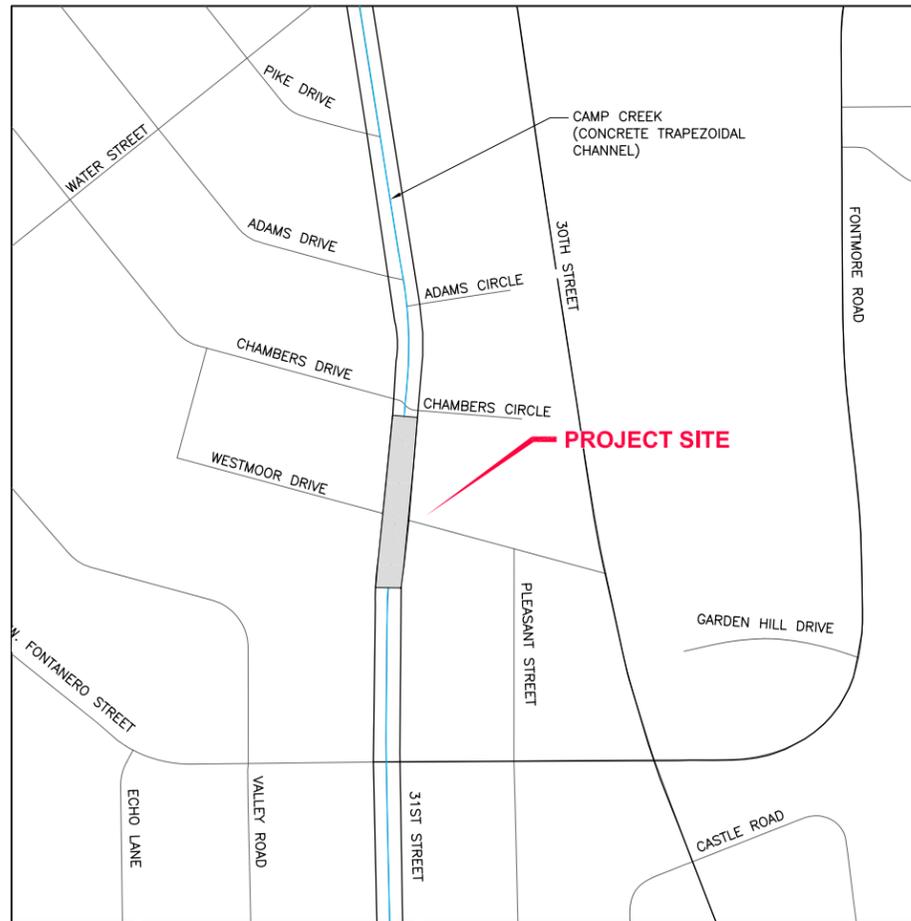
CITY OF COLORADO SPRINGS, EL PASO COUNTY, COLORADO

CONSTRUCTION PLAN SET

CAMP CREEK STABILIZATION PROJECT
 CAMP CREEK IMPROVEMENTS ON N. 31ST ST. AND WESTMOOR DR.
 CITY PROJECT NO: CS031
 FEMA PROJECT NO: 4229-00040



VICINITY MAP
SCALE: NTS



LOCATION MAP
SCALE: NTS



PROJECT DRAWING LIST		
SHEET NUMBER	SHEET NAME	SHEET DESCRIPTION
GENERAL SHEETS		
1	G000	COVER SHEET
2	G001	LEGEND AND ABBREVIATIONS
3	G002	GENERAL NOTES
4	G003	CONSTRUCTION NOTES
5	G004	SUMMARY OF APPROXIMATE QUANTITIES
CIVIL SHEETS		
PLAN AND PROFILE		
6	C300	PLAN AND PROFILE
7	C400	DETAILS

REVIEWED BY:

CITY ENGINEERING

BY: _____ DATE: _____

PEAK RESOURCE CONSERVATION, INC.

BY:  DATE: 07/28/2016



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



VERIFY SCALES
 THIS IS ONE INCH ON ORIGINAL DRAWING
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**CAPITAL IMPROVEMENTS PROGRAM
 CAMP CREEK STABILIZATION
 COVER SHEET**

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 VERT: -
 FILENAME
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 SHEET
G000
 1 OF 7 SHEETS

DATE: 09/14/16

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CIVIL SYMBOLOLOGY

SYMBOL OR LINETYPE	DESCRIPTION
	5255 HORIZONTAL CONTROL LOCATION AND CALLOUT
	B-101 CONSTRUCTION NOTE
	TP-101 SOIL BORING
	P-SSB# SOIL TEST PIT
	75.8 WETLAND DELINEATION SAMPLE PLOT
	UTILITY POT HOLE
	75.8 SURFACE SPOT ELEVATION
	DIRECTION OF SURFACE RUNOFF
	DITCH OR STREAM CENTERLINE
	CUT SLOPE
	FILL SLOPE
	CONSTRUCTION ENTRANCE
	CONSTRUCTION STAGING AREA
	DIVERSION CULVERT INLET PROTECTION
	PERMANENT EASEMENT
	TEMPORARY OR CONSTRUCTION EASEMENT
	PROPERTY LINES
	RIGHT OF WAY LINES
	RIGHT OF WAY CENTERLINE
	BARBED WIRE OR FIELD FENCE
	WOOD BOARD OR SILT FENCE
	HVF CONSTRUCTION HIGH VISIBILITY FENCE
	TREE PROTECTION OR CHAIN LINK FENCE
	100 YEAR 100 YEAR WATER SURFACE ELEVATION
	GUARDRAIL
	PROFILE FINAL GRADE SURFACE
	PROFILE EXISTING GRADE SURFACE
	20 MAJOR CONTOURS AND LABELS
	21 MINOR CONTOURS
	WTL WETLAND BOUNDARY AND HATCHING
	CONSTRUCTION LIMIT
	MHHW WETLAND BUFFER
	EOP MEAN HIGH WATER
	EDGE OF PAVEMENT
	SHORELINE JURISDICTION
	STREAM BUFFER
	OHW ORDINARY HIGH WATER
	VEGETATION LINE
	CONIFER TREE
	DECIDUOUS TREE

SYMBOL OR LINETYPE	DESCRIPTION
	INUNDATED SCRUB SHRUB WETLAND
	SATURATED SCRUB SHRUB WETLAND
	PALUSTRINE EMERGENT
	RIPARIAN
	SALT WATER EDGE
	UPLAND UPLAND SEED MIX
	LOW GROW SEED MIX/LAWN SEED MIX
	WET NATIVE SEED MIX
	ASPHALT OVERLAY
	EROSION CONTROL BLANKET OR MATT
	CONCRETE
	GRAVEL, DRAIN ROCK OR AGGREGATE BASE
	SANDBAG REVETMENT
	DEMOLITION
	CRUSHED GRAVEL SURFACING
	MH SANITARY SEWER MANHOLE
	SS SANITARY SEWER PIPELINE
	CB CATCH BASIN
	CATCH BASIN INSERT
	SD CULVERT
	SD STORM DRAIN PIPELINE
	175+00 WATER PIPE STATIONING AND TICKS
	W WATER PIPE SINGLE LINE
	WATER PIPE DOUBLE LINE
	ISOLATION VALVE
	TRENCH PLUGS
	BLIND FLANGE
	PLUG VALVE
	ACCESS & VAULT CHAMBER

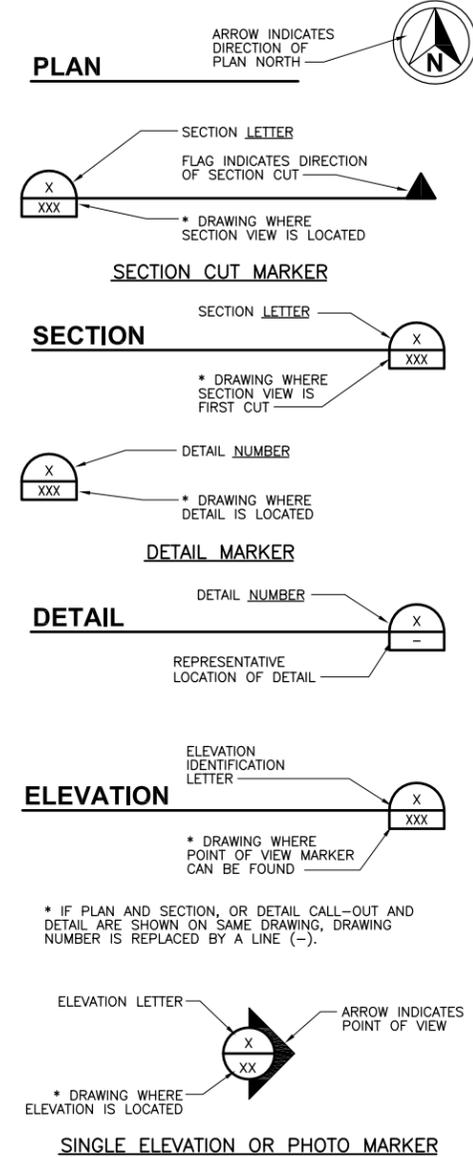
EXISTING CIVIL SYMBOLOLOGY

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	GTP MONUMENT		GTP GATE POST
	MB MONUMENT IN CASE		MB MAIL BOX
	R REBAR & CAP		CONIFEROUS TREE
	X SCRIBED "X"		DECIDUOUS TREE
	x PK NAIL		X TEST HOLE (WITH FIELD IDENTIFIER)
	MSP METAL SIGN POST		X YARD LIGHT OR LUMINAIRE W/NO MAST
	WSP WOOD SIGN POST		G GRATE INLET
	SM SANITARY SEWER MANHOLE		CPEP CORRUGATED POLYETHYLENE PIPE
	SDM STORM DRAIN MANHOLE		RCP REINFORCED CONCRETE PIPE
	CB CATCH BASIN		CIP CAST IRON PIPE
	WM WATER METER		CMP CORRUGATED METAL PIPE
	GV GAS VALVE		DIP DUCTILE IRON PIPE
	TJB TRAFFIC JUNCTION BOX		WM WATER MANHOLE
	EJB ELECTRICAL JUNCTION BOX		WV WATER VALVE
	PM POWER METER		FH FIRE HYDRANT
	TC TELECOMMUNICATION JUNCTION BOX		G GENERIC GAS LINE
	CT CABLE TV JUNCTION BOX		IRR IRRIGATION
	P POWER VAULT		SD STORM DRAIN
	TLR TELECOMMUNICATION RISER		SS SANITARY SEWER
	UP UTILITY POLE		FM FORCEMAIN
	UG UTILITY POLE W/CONDUITS TO UNDERGROUND		W GENERIC WATER LINE
	GA GUY ANCHOR		UGE UNDERGROUND POWER
	GP GUY POLE		UGF UNDERGROUND FIBER OPTIC
	TSP TRAFFIC SIGNAL POLE W/ LUMINAIRE		UGT UNDERGROUND TELEPHONE
	L LUMINAIRE (SINGLE FIXTURE)		OHTV UNDERGROUND TELEVISION
	L LUMINAIRE (SINGLE FIXTURE) W/CONDUITS TO UNDERGROUND		OHE OVERHEAD POWER
			OHE OVERHEAD FIBER OPTIC
			OHT OVERHEAD TELEPHONE
			OHTV OVERHEAD TELEVISION
			20 MAJOR CONTOUR
			21 MINOR CONTOUR

GENERAL NOTES:

1. THIS IS A STANDARD DRAWING SHOWING COMMON SYMBOLOLOGY. ALL SYMBOLS ARE NOT NECESSARILY USED ON THIS PROJECT.
2. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE PROPOSED IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH DRAWING FOR USAGE.

GENERAL SYMBOLOLOGY



IDENTIFICATION SYMBOLOLOGY

FILE TYPE DESIGNATIONS (1ST TWO DIGITS)

- 00 GENERAL
- 01 CIVIL DESIGN (ROADWAY AND PEDESTRIAN IMPROVEMENTS)

DRAWING DISCIPLINE ABBREVIATIONS (1ST LETTER)

- G GENERAL
- C CIVIL

DRAWING SERIES DESIGNATIONS (2ND THREE DIGITS)

- 000 SURVEY CONTROL AND PROJECT KEY MAP
- 100 DEMOLITION OR REMOVAL PLANS
- 200 ROADWAY IMPROVEMENTS PLANS OR PLAN AND PROFILES AND SECTIONS
- 300 DRAINAGE AND GRADING PLAN AND PROFILES
- 400 ENLARGED PLAN, SECTIONS AND DETAILS
- 500 STANDARD DETAILS

ABBREVIATIONS

ASTM APPROX	AMERICAN SOCIETY OF TESTING AND MATERIALS APPROXIMATE OR APPROXIMATELY
BCR	BEGIN CURB RADIUS
CDOT	COLORADO DEPARTMENT OF TRANSPORTATION
C/L	CENTERLINE
CLR	CLEARANCE
CONC	CONCRETE
DWG	DRAWING
DR	DRIVE
EA	EACH
ECR	END CURB RADIUS
ELEV OR EL	ELEVATION
ESMT	EASEMENT
EW	EACH WAY
EX OR EXIST	EXISTING
FL	FLOWLINE
FT	FOOT/FEET
HBP	HOT BITUMINOUS PAVEMENT
HCL	HORIZONTAL CONTROL LINE
K	VERTICAL CURVE RATIO
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
MUTCD	MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
NTS	NOT TO SCALE
PC	POINT OF CURVATURE
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
P/L	PROPERTY LINE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE OR POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENT
RAD	RADIUS, OR CENTER OF RADIUS
ROW	RIGHT-OF-WAY
RT	RIGHT
ST	STREET
STA	STATION
STD	CITY OF COLORADO SPRINGS STANDARD SPECIFICATION
SW OR S/W	SIDEWALK
TBC	TOP BACK OF CURB
TYP	TYPICAL
TER	TERRACE
WWF	WELDED WIRE FABRIC
SRPE	STEEL REINFORCED POLYETHYLENE
CMP	CORRUGATED METAL PIPE

MISC. ABBREVIATIONS

- @ AT
- ∅ PHASE, DIAMETER AND
- ' FEET, MINUTES
- " INCHES, SECONDS
- ° DEGREE
- # NUMBER
- CL CENTERLINE
- (E) EXISTING
- WSE WATER SURFACE ELEVATION

GENERAL NOTES:

1. THESE ABBREVIATIONS APPLY TO THE ENTIRE SET OF CONTRACT DRAWINGS.
2. LISTING OF ABBREVIATIONS DOES NOT IMPLY THAT ALL ABBREVIATIONS ARE USED IN THE CONTRACT DRAWINGS.
3. ABBREVIATIONS SHOWN ON THIS SHEET INCLUDE VARIATIONS OF A WORD. FOR EXAMPLE, "MOD" MAY MEAN MODIFY OR MODIFICATION; "INC" MAY MEAN INCLUDED OR INCLUDING AND "REINF" MAY MEAN EITHER REINFORCE OR REINFORCING.



**CAPITAL IMPROVEMENTS PROGRAM
CAMP CREEK STABILIZATION
LEGEND AND ABBREVIATIONS**

SCALE	HORIZ: - VERT: -
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SHEET	G001
2 OF 7 SHEETS	

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BOULDERS:

1. MINIMUM DENSITY FOR ACCEPTABLE BOULDERS SHALL BE ONE HUNDRED SIXTY FIVE (165) POUNDS PER CUBIC FOOT. THE SPECIFIC GRAVITY SHALL BE A MINIMUM OF 2.65 ACCORDING TO THE BULK-SATURATED SURFACE-DRY BASIS, PER AASHTO T8.
2. TWELVE (12) CYCLES OF FREEZING AND THAWING WHEN TESTED IN ACCORDANCE WITH AASHTO TEST T103 FOR LEDGE ROCK, PROCEDURE A.
3. BOULDERS SHALL BE ROUGHLY BOX-SHAPED. BOULDER DIMENSIONS SHALL CONFORM TO THE SPECIFICATIONS.
4. CONTROL OF GRADATION WILL BE BY VISUAL INSPECTION. HOWEVER, IN THE EVENT ENGINEER DETERMINES THE BOULDERS TO BE UNACCEPTABLE, ENGINEER SHALL PICK TWO RANDOM TRUCKLOADS TO BE DUMPED AND CHECKED FOR GRADATION. MECHANICAL EQUIPMENT AND LABOR NEEDED TO ASSIST IN CHECKING GRADATION SHALL BE PROVIDED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
5. BOULDERS SHALL BE CERTIFIED AND FREE OF CALCITE INTRUSIONS. NO RHYOLITE OR DOLOMITE SHALL BE USED.
6. THE BOULDERS SHALL BE CAREFULLY PICKLED AND ARRANGED SO THAT ADJACENT ROCK SURFACES MATCH WITHIN TWO(2) INCHES IN TOP ELEVATION AND TWO (2) INCHES ALONG VERTICAL EXPOSED FACES UNLESS SHOWN DIFFERENTLY IN DRAWINGS. BOULDERS SHALL BE PLACED SUCH THAT ADJACENT BOULDERS "TOUCH" EACH OTHER AND VOIDS DO NOT EXCEED FOUR (4) INCHES. IT IS THE INTENT OF CONSTRUCTION TO MINIMIZE VOIDS AND GROUT PLACED BETWEEN BOULDERS.

DEMOLITION:

1. FAILED VERTICAL CONCRETE WALL, AS WELL AS THE TWO REMAINING VERTICAL WALL SECTIONS LOCATED IN CHANNEL, SHALL BE REMOVED AND DISPOSED OF OFF SITE.
2. RIP RAP AT SOUTH EAST END OF THE VERTICAL WALLED DRAINAGE WAY SHALL BE REMOVED, STORED ON SITE, AND REPLACED WITH PROPOSED RIP RAP SLOPE
3. TREES IDENTIFIED TO BE REMOVED SHALL BE HAULED OFF SITE BY THE CONTRACTOR.
4. DEBRIS AND NON-NATIVE MATERIAL FOUND ON THE SURFACE IN THE PROJECT AREA SHALL BE HAULED OFF SITE.
5. CARE IS TO BE TAKEN TO NOT DAMAGE FURTHER THE EXISTING CHANNEL'S CONCRETE BOTTOM.

GROUT NOTES:

1. ALL WORK SHALL BE PERFORMED IN COMPLIANCE OF THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS EXCEPT AS MODIFIED HEREIN.
2. ALL GROUT SHALL BE TYPE B WITH A MIN 28-DAY COMPRESSIVE STRENGTH EQUAL TO4500 PSI.
3. ONE CUBIC YARD OF GROUT SHALL HAVE A MIN OF SIX (6) SACKS OF TYPE II PORTLAND CEMENT.
4. THE AGGREGATE SHALL BE COMPRISED OF 3/4 INCH GRAVEL, STRUCTURAL CONCRETE AGGREGATE.
5. THE GROUT SLUMP SHALL BE 4-INCHES TO 6-INCHES.
6. AIR ENTRAINMENT SHALL BE 5% TO 8%.
7. ADD 1.5 LBS PER CUBIC YARD BASF MASTER FIBER OR APPROVED EQUAL FIBER MESH SECONDARY REINFORCEMENT.
8. ALL GROUT SHALL BE DELIVERED BY MEANS OF A LOW PRESSURE (LESS THAN 10 PSI) CONCRETE PUMP USING A 3-INCH NOZZLE.
9. GROUT SHALL BE DELIVERED IN A CONTROLLED MANNER. AN "S" ATTACHMENT MAY BE REQUIRED
10. FULL DEPTH PENETRATION OF THE GROUT INTO THE BOULDER VOIDS SHALL BE ACHIEVED BY INJECTING GROUT STARTING WITH THE NOZZLE NEAR THE BOTTOM AND RAISING IT AS GROUT FILLS WHILE VIBRATING GROUT INTO PLACE USING A PENCIL VIBRATOR.
11. AFTER GROUT PLACEMENT, EXPOSED BOULDER FACES SHALL BE CLEANED AND PRESSURE WASHED.
12. ALL GROUT BETWEEN BOULDERS SHALL BE TREATED WITH BROOM FINISH.
13. SPECIAL PROCEDURES SHALL BE REQUIRED FOR GROUT PLACEMENT WHEN THE AIR TEMPERATURES ARE LESS THAN 40°F OR GREATER THAN 90°F. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE DESIGN ENGINEER OF THE PROCEDURES TO BE USED FOR PROTECTING THE GROUT.

**LANDSCAPE RESTORATION-
SITE MAINTANENCE:**

1. THE SITE WILL NEED TO BE MANAGED FOR WEEDS AFTER GERMINATION AND PRIOR TO WEED SEED MATURITY. AN EARLY SUMMER TO MID-SUMMER TREATMENT AND FALL TREATMENT IS MINIAMLLY NEEDED TO REDUCE COMPETITION. HAND POWER TOOLS AND MANUAL METHODS DURING NATIVE GRASS SEEDLING ESTABLISHMENT SHALL BE USED TO PROTECT DESIRABLE SPECIES. MOWING AND BAGGING WEED SEED HEADS IN THE FALL IS ACCEPTABLE.
2. SEEDING RATES: RATES ARE SPECIFIED IN PLS PER ACRE. THE SEED TAG SHOULD BE USED TO GUARANTEE THAT 60 LIVE SEEDS ARE APPLIED PER SQUARE FOOT.
3. SEEDLING DENSITY: AFTER GERMINATION A SUCCESSFUL PLANTING WILL HAVE 30-40 SEEDLINGS PER SQUARE FOOD.
4. NATIVE PLANT DENSITY: ONE YEAR AFTER SEEDING THE EXPECTED DENSITY OF DESIRABLE SPECIES IS EQUAL TO THE ADJACENT REFERENCE SITE. ON AVERAGE GRASS AND HERB SPECIES SHALL BE AT A DENSITY OF 8 PLANTS PER SQUARE FOOT AND/OR 70% COVER PER A POINT INTERCEPT SAMPLING METHODS.
5. SEASONAL RAINFALL AND MOISTURE CONDITIONS IMPACT SEEDING SUCCESS. CONTRACTOR SHALL INCLUDE PRICING FOR SUPPLEMENTAL WATERING, IF NEEDED. INCLUDE A DETAILED DESCRIPTION OF METHODS TO BE USED IN THE EVENT PRECIPITATION AND SOIL MOISTURE ARE NOT CONDUCTIVE TO REACHING SEEDLING AND STAND DENSITY GOALS. IRRIGATION THROUGH PRESS

MULCHING:

1. APPLY AT A RATE OF 2 TONS PER ACRE. CRIMP IN PLACE. APPLY TACKIFIER OVER MULCHED AREAS AT A RATE OF 5 GALLONS PER 1,000 SQUARE FEET IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MULCH SHALL BE APPLIED WHERE EROSION CONTROL BLANKET IS NOT USED. MULCHING SHALL ONLY BE UTILIZED WHEN RESTORING STAGING AREAS AND HAUL ROAD.
2. EROSION CONTROL BLANKET: INSTALL AS SHOWN ON PLANS. BLANKET SHALL BE NEOIA ENTERPRISES KOIR WRAP 1000 OR APPROVED EQUAL.

BACKFILL AND COMPACTION:

1. UNDISTURBED SUB-GRADE BENEATH THE GROUTED BOULDERS SHALL BE PREPARED PRIOR TO BOULDER PLACEMENT BY SCARIFYING THE TOP 8 INCHES, MOISTURE CONDITIONING, AND COMPACTING TO AT LEAST 92 PERCENT MODIFIED PROCTOR DENSITY (ASTM D-1557) AT A MOISTURE CONTENT THAT IS -2 PERCENT TO +2 PERCENT OF OPTIMUM OR TO A MINIMUM OF 95 PERCENT STANDARD PROCTOR DENSITY (ASTM D-1557) AT A MOISTURE CONTENT THAT IS -2 PERCENT TO +2 PERCENT OF OPTIMUM.
2. BEDROCK MATERIAL MAY NOT BE UTILIZED AS STRUCTURAL FILL OR CHANNEL BOTTOM FILL.
3. LOOSE ROCK THAT HAS BEEN DEPOSITED WITHIN THE PROJECT REACH MAY BE BURIED ON SITE, BUT MUST NOT BE PLACED ADJACENT TO BOULDERS, SOIL WRAPS, SOIL RIPRAP OR RIPRAP. ANY ROCK BURIED ON SITE MUST HAVE A MINIMUM OF 2' OF NATIVE MATERIAL PLACED OVER IT.

LANDSCAPE RESTORATION:

1. CONTRACTOR SHALL PREPARE THE SITE BY REMOVING WEED MATERIAL THROUGH MECHANICAL AND MANUAL METHODS.
2. NO FERTILIZERS SHALL BE APPLIED TO THE SEEDING AREA.
3. IF AMENDMENTS (SUCH AS COMPOST) ARE RECOMMENDED BY THE CONTRACTOR, A SOIL ANALYSIS OF NATIVE TOPSOIL SHALL BE SUBMITTED FOR EVALUATION BY THE COLORADO STATE UNIVERSITY EXTENSION AGENCY. RECOMMENDATIONS WILL BE BASED ON APPROPRIATE NUTRIENTS TO SUPPORT NATIVE GRASSES. RESULTS AND RECOMMENDATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO AMENDMENT APPLICATION.
4. SEEDING SHALL BE DRILL SEEDED WHERE POSSIBLE AND PRACTICAL.
5. BROADCAST SEEDING MAY BE SUBSTITUTED ON SLOPES STEEPER THAN 3(H):1(V) OR IN OTHER AREAS NOT PRACTICAL TO DRILL SEED. SEEDING RATES SHALL BE DOUBLED FOR BROADCAST METHODS.
6. CONTRACTOR SHALL USE A NATIVE SEED MIX PER THE PLAN SPECIFICATIONS. SEED VARIETIES SHALL BE CERTIFIED WEED FREE. A SEED TAG SHALL BE PROVIDED TO THE ENGINEER TO ENSURE VIABILITY AND CONFIRM PLS APPLICATION RATES.
7. RESTORATION SEEDING SHOULD TAKE PLACE IN THE FALL (SEPTEMBER-NOVEMBER) OR SPRING (MARCH-MAY).
8. SEEDING RATES SHALL BE DOUBLE FOR BROADCAST SEEDING. BROADCAST SEED SHALL BE LIGHTLY HAND RAKED INTO THE SOIL. BROADCAST SEED SHALL BE RAKED OR HARROWED AT A MINIMUM 1/4" DEPTH TO ENSURE GOOD SEED TO SOIL CONTACT.
9. SEED SHALL NOT BE SOWN WHEN SOIL IS FROZEN.
10. THE MIXTURE SHALL CONSIST OF THE SPECIES AND RATES IN CONFORMANCE WITH THE CITY OF COLORADO SPRINGS STANDARDS AND SPECIFICATIONS.

EROSION CONTROL NOTES:

1. ANY LAND DISTURBANCE BY ANY OWNER, DEVELOPER, BUILDER, CONTRACTOR, OR OTHER PERSON SHALL COMPLY WITH THE BASIC GRADING, EROSION AND STORMWATER QUALITY CONTROL REQUIREMENTS AND GENERAL PROHIBITIONS NOTED IN THE DRAINAGE CRITERIA MANUAL VOLUME II.
2. NO CLEARING, GRADING, EXCAVATION, FILLING OR OTHER LAND DISTURBING ACTIVITIES SHALL BE PERMITTED UNTIL SIGNOFF AND ACCEPTANCE OF THE GRADING PLAN AND EROSION AND STORMWATER QUALITY CONTROL PLAN IS RECEIVED FROM CITY ENGINEERING.
3. 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. CALL CITY STORMWATER INSPECTIONS 48 HOURS PRIOR TO CONSTRUCTION.
4. SEDIMENT (MUD AND DIRT) TRANSPORTED ONTO A PUBLIC ROAD, REGARDLESS OF THE SIZE OF THE SITE, SHALL BE CLEANED AT THE END OF EACH DAY.
5. CONCRETE WASH WATER SHALL NOT BE DISCHARGED TO OR ALLOWED TO RUNOFF TO STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES.
6. 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 BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED.
7. THE GRADING AND EROSION CONTROL PLAN WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF COLORADO SPRINGS ENGINEERING SHOULD ANY OF THE FOLLOWING OCCUR: GRADING DOES NOT COMMENCE WITHIN 12 MONTHS OF THE CITY ENGINEER'S ACCEPTANCE OF THE PLAN, A CHANGE IN PROPERTY OWNERSHIP, PROPOSED DEVELOPMENT CHANGES, OR PROPOSED GRADING REVISIONS.
8. THE CONTRACTOR SHALL OBTAIN STATE AND CITY CONSTRUCTION ACTIVITY PERMITS AS REQUIRED AND SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THOSE PERMITS FOR STORMWATER DISCHARGE, THE STORMWATER MANAGEMENT PLAN, AND THE EROSION CONTROL PLAN.
9. DE-WATERING AND TEMPORARY EROSION CONTROL FOR CONSTRUCTION WITHIN THE STREAM BED SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND ALL STATE, CITY, COUNTY, AND FEDERAL REGULATIONS.
10. ALL DISTURBED AREAS SHOULD BE PROTECTED AFTER FINAL SEEDING WITH MULCH AND/OR EROSION CONTROL BLANKETS AS SPECIFIED HEREIN.
11. GRAVEL FILTRATION PACKS SHALL BE USED AT ALL PUMPS.
12. EROSION AND SEDIMENT CONTROL STRUCTURES ARE TO BE INSPECTED AND MAINTAINED AFTER EVERY RUNOFF EVENT AND SHALL BE CONTINUOUSLY MAINTAINED.
13. THE CONTRACTOR SHALL REMOVE ALL DEBRIS AND TRASH FROM PROJECT AREA.
14. THE QUANTITY OF MATERIALS STORED ON 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. MATERIALS SHALL NOT BE STORED WITHIN THE CHANNEL LIMITS.
15. SPILL PREVENTION AND CONTAINMENT MEASURES SHALL BE USED AT STORAGE AND EQUIPMENT FUELING AND SERVICING AREAS TO PREVENT THE POLLUTION OF ANY STATE WATERS. 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.

NOTE:

1. THIS IS A STANDARD DRAWING SHOWING COMMON NOTES. ALL NOTES ARE NOT NECESSARILY APPLICABLE TO THIS PROJECT.



DATE					
BY					
NO. REVISION					
PROJECT MANAGER	S. BURKE	DESIGNED BY	B. SHEETS	DRAWN BY	ISM
		CHECKED BY	R. PEREZ	PROJECT NUMBER	N/A
<p>VERIFY SCALES</p> <p>BASE IS ONE INCH ON ORIGINAL DRAWING</p> <p>IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY</p>					
<p>CAPITAL IMPROVEMENTS PROGRAM CAMP CREEK STABILIZATION</p>			<p>CONSTRUCTION NOTES</p>		
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G003					
4 OF 7 SHEETS					

DATE: 09/14/16

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SUMMARY OF APPROXIMATE QUANTITIES			
CDOT ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNITS
202-00026	REMOVAL OF SLOPE AND DITCH PAVING	120	SY
203-00000	UNCLASSIFIED EXCAVATION	50	CY
203-00100	MUCK EXCAVATION	10	CY
208-00400	WATER FLOW CONTROL	1	LS
506-00224	VH RIPRAP	30	CY
506-00412	SOIL RIPRAP	30	CY
507-00100	CONCRETE SLOPE AND DITCH PAVING (REINFORCED)	26	CY
614-00000	TRAFFIC CONTROL	1	LS
626-00005	MOBILIZATION	1	LS
901-00300	TEMPORARY EROSION CONTROL	1	LS

QUANTITIES LEGEND:
 CY = CUBIC YARDS
 LF = LINEAL FEET
 LS = LUMP SUM
 SY = SQUARE YARDS



**CAPITAL IMPROVEMENTS PROGRAM
 CAMP CREEK STABILIZATION
 SUMMARY OF APPROXIMATE
 QUANTITIES**

SCALE
 HORZ: -
 VERT: -
 FILENAME
 00G001.dwg
 SHEET
G004
 5 OF 7 SHEETS

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT MANAGER S. BURKE
 DESIGNED BY B. SHEETS
 DRAWN BY ISM
 CHECKED BY R. PEREZ
 PROJECT NUMBER N/A

NO. REVISION
 BY
 DATE

DATE: 09/14/16

