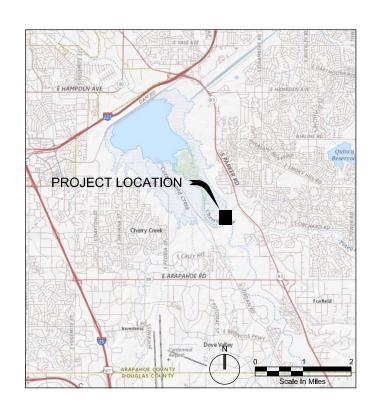
CONSTRUCTION DRAWINGS CHERRY CREEK BASIN WATER QUALITY AUTHORITY CHERRY CREEK STREAM RECLAMATION AT 12-MILE PARK PHASE III

DECEMBER 2021



VICINITY MAP, ARAPAHOE COUNTY, CO



IMAGERY SOURCE: DENVER REGIONAL AERIAL PHOTOGRAPHY PROJECT (DRCOG), 2018.

LOCATION MAP, ARAPAHOE COUNTY, CO



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9 OF 9	LS-02	LANDSCAPING PLAN AND DETAILS

PREPARED BY:

JACOBS ENGINEERING GROUP INC. 9191 S JAMAICA ST ENGLEWOOD, CO 80012 PHONE: (720) 286 4510 CONTACT: AARON COOK, P.E.

PREPARED FOR:

CHERRY CREEK BASIN WATER QUALITY AUTHORITY P.O. BOX 3166 CENTENNIAL, CO 80161 PHONE: (303) 968 9089 CONTACT: CHUCK REID

I HEREBY AFFIRM THAT THESE CONSTRUCTION DRAWINGS FOR THE CHERRY CREEK STREAM RECLAMATION AT 12-MILE PARK, PHASE III; WERE PREPARED BY ME (OR UNDER MY DIRECT SUPERVISION) IN ACCORDANCE WITH THE REQUIREMENTS OF THE INFRASTRUCTURE DESIGN AND CONSTRUCTION STANDARDS AND THE ARAPAHOE COUNTY STORMWATER MANAGEMENT MANUAL

NAME OF ENGINEER: AARON C. COOK

ENGINEERING FIRM: JACOBS ENGINEERING GROUP INC.

RECORD DRAWINGS

THESE RECORD DRAWINGS HAVE BEEN PREPARED. IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.

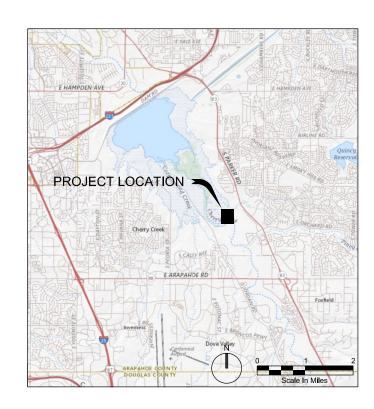
ARAPAHOE COUNTY CASE No. EE20-049

G-01 9 \$PWURL FILENAME: G-01.dgn PLOT DATE: 2022\07\13 PLOT TIME: 2:51:13 PM

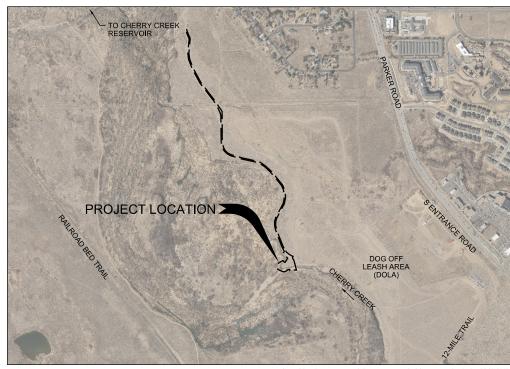
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CONSTRUCTION DRAWINGS CHERRY CREEK BASIN WATER QUALITY AUTHORITY CHERRY CREEK STREAM RECLAMATION AT 12-MILE PARK PHASE III

DECEMBER 2021



VICINITY MAP, ARAPAHOE COUNTY, CO



IMAGERY SOURCE: DENVER REGIONAL AERIAL PHOTOGRAPHY PROJECT (DRCOG), 2018.

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NAME OF ENGINEER: AARON C. COOK

ENGINEERING FIRM: JACOBS ENGINEERING GROUP INC.

COB BAR IS ONE INCH ON

ARAPAHOE COUNTY CASE No. EE20-049

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G-01 9 1 of 9

GENERAL NOTES

- IT IS THE INTENT OF THESE PLANS TO SHOW ALL EXISTING UTILITIES, HOWEVER IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION, WHETHER SHOWN ON THESE PLANS OR NOT. CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811, PRIOR TO DIGGING. THE ENGINEER AND CCBWQA SHALL BE NOTIFIED OF ANY POTENTIAL CONFLICTS
- EXISTING FACILITIES AND UTILITIES NOT INDICATED TO BE REMOVED SHALL BE PROTECTED IN PLACE OR REMOVED AND REPLACED IN KIND, AS APPROVED BY THE ENGINEER.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY CCBWQA AND/OR ITS AUTHORIZED REPRESENTATIVES. CCBWQA RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DO NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY CCBWQA 48 HOURS PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE CONSTRUCTION AND GESC PLANS (ACCEPTED BY CCBWQA), AND ONE (1) COPY OF ALL REQUIRED PERMITS AT THE JOB SITE AT ALL TIMES.
- THE FINAL FILL AND EXCAVATION SLOPES, LINES AND GRADES SHOWN ON THE DRAWINGS ARE THE NEAT LINES FOR PAY PURPOSES AND ARE THE STEEPEST SLOPES PERMITTED UNLESS APPROVED BY THE ENGINEER. FLATTER SLOPES MAY BE NECESSARY, AS DETERMINED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING STABLE EXCAVATIONS AND TEMPORARY SLOPES AND FOR SATISFYING ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. TEMPORARY EXCAVATIONS SHALL PROVIDE AT MINIMUM, THE TRENCH DIMENSIONS AND CLEARANCES SPECIFIED. TEMPORARY CONSTRUCTION SLOPES SHALL BE SLOPED, SHORED AND/OR BRACED IN ACCORDANCE WITH STABILITY REQUIREMENTS AND APPLICABLE REGULATIONS, AND SHALL BE NO STEEPER THAN THE MINIMUM SLOPES SPECIFIED WITHOUT THE APPROVAL OF THE ENGINEER. ANY SUCH APPROVALS BY THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR FROM SOLE RESPONSIBILITY FOR PROVIDING STABLE EXCAVATIONS AND TEMPORARY SLOPES
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL SURFACE DRAINAGE FROM ADJACENT AREAS THAT MAY REACH THE CONSTRUCTION AREA AND FOR STREAM FLOWS WITHIN THE CREEK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE METHODS BY WHICH CHANNEL FLOW, SURFACE RUNOFF, AND SUBSURFACE SEEPAGE WILL BE TEMPORARILY DIVERTED, OR OTHERWISE CONTROLLED. WATER CONTROL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, AS WELL AS ALL APPLICABLE PERMIT CONDITIONS. TEMPORARY WATER CONTROL SYSTEMS SHALL NOT CAUSE INCREASED FLOODING OR AFFECT NORMAL FLOW CHARACTERISTICS DURING CONSTRUCTION. ANY DAMAGE TO THE WORK CAUSED BY FAILURE TO CONTROL BASE FLOWS OR FLOOD FLOWS SHALL BE REAPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR IS ADVISED THAT THE STOCKPILING AND USE OF MATERIAL AND/OR FOUIPMENT WITHIN THE CHANNEL CREATES THE POTENTIAL FOR FLOW OBSTRUCTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT THE WORK IN A MANNER THAT MINIMIZES THE REDUCTION IN CHANNEL CONVEYANCE CAPACITY AT ALL TIMES. THE CONTRACTOR IS ADVISED THAT THE STORAGE OF FUELS, CHEMICALS, TRASH, DEBRIS, CONSTRUCTION MATERIALS, VEHICLES, AND EQUIPMENT IS PROHIBITED WITHIN THE CHANNEL AT ALL TIMES UNLESS THEY ARE ESSENTIAL FOR THE PROGRESS OF THE WORK. UNDER NO CIRCUMSTANCE SHALL ANY OF THE ABOVE MENTIONED MATERIALS BE STORED WITHIN THE CHANNEL OVERNIGHT OR DURING OFF WORK HOURS.
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN AND VEHICULAR SIGNAGE THAT CLEARLY IDENTIFIES THE CONSTRUCTION ZONE THROUGHOUT PROJECT. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING CURB, GUTTER, ASPHALT AND PAVEMENT AT ALL ACCESS POINTS. DAMAGED INFRASTRUCTURE SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- NATIVE FILL SHALL BE COMPACTED TO 95% STD PROCTOR.
- CONSTRUCTION STAKING AND SURVEY SHALL BE PROVIDED BY THE CONTRACTOR.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR THIS PROJECT, EXCEPT FOR THE 404 PERMIT. 13.
- CONTRACTOR SHALL BE LICENSED TO PERFORM WORK IN ARAPAHOE COUNTY
- SITE ACCESS AND STAGING SHALL BE AS NOTED IN THE CONSTRUCTION DOCUMENTS, ALTERNATE ACCESS AND 15. STAGING MUST BE APPROVED BY CCBWQA AND/OR ITS AUTHORIZED REPRESANTITIVES PRIOR TO MOBILIZATION.
- SEE PROJECT SPECIFICATIONS FOR REQUIRED SUBMITTALS AND MEASUREMENT AND PAYMENT REQUIREMENTS.
- THE FOLLOWING TREATMENTS SHOULD BE USED TO PREVENT TRANSFER OF INVASIVE AQUATIC SPECIES TO THE PROJECT AREA. IF HEAVY EQUIPMENT IS USED FOR THE SUBJECT PROJECT THAT WAS PREVIOUSLY WORKING IN ANOTHER STREAM, RIVER, LAKE, POND OR WETLAND WITHIN 10 DAYS OF INITIATING WORK, THE FOLLOWING PROCEDURES IS RECOMMENDED TO PREVENT THE SPREAD OF INVASIVE AQUATIC SPECIES: REMOVE ALL MUD AND DEBRIS FROM EQUIPMENT (TRACKS, TURRETS, BUCKETS, DRAGS, TEETH, ETC.) AND PAY/SOAK EQUIPMENT WITH A 1:15 SOLUTION OF DISINFECTION SOLUTION CONTAINING THE FOLLOWING INGREDIENTS:

 - DIALKYL DIMETHYL AMMONIUM CHLORIDE (5-10% BY WEIGHT); ALKYL DIEMETHYL BENZYL AMMONIUM CHLORIDE (5-10% BY WEIGHT);
 - NONYL PHENOL ETHOXYLATE (5-10% BY WEIGHT); SODIUM SESQUICARBONATE (1-5%) AND,

 - TETRASODIUM ETHYLENE DIAMINETETRAACETATE (1-15%)

THE FOUIPMENT SHOULD BE KEPT MOIST FOR AT LEAST 10 MINUTES. AND RINSATE SHOULD BE MANAGED AS A SOLID WASTE IN ACCORDANCE WITH LOCAL, COUNTY, STATE, OR FEDERAL REGULATIONS.

SMALL EQUIPMENT, HAND TOOLS, BOOTS AND ANY OTHER EQUIPMENT THAT WAS PREVIOUSLY USED IN A RIVER, STREAM, LAKE, POND, OR WETLAND PRIOR TO MOVING THE EQUIPMENT TO ANOTHER WATER BODY MAY BE DISINFECTED USING THE FOLLOWING METHODS

- SPRAY/SOAK EQUIPMENT WITH WATER GREATER THAN 140 DEGREES FAHRENHEIT FOR AT LEAST
- SANITIZE WATER SUCTION HOSES AND WATER TRANSPORTATION TANKS (USING METHODS DESCRIBED ABOVE) AND DISCARD RINSE WATER AT AN APPROPRIATELY PERMITTED DISPOSAL FACILITY

CONSTRUCTION SEQUENCING

- CONTRACTOR SHALL EXPOSE EXISTING SHEET-PILE AND CONFIRM PROPOSED SHEET-PILE ELEVATION TIE-IN MATCHES FIELD CONDITIONS.
- CONTRACTOR SHALL REMOVE, CLEAN AND SALVAGE EXISTING BOULDERS, CCBWQA OR ENGINEER WILL INSPECT SALVAGED MATERIALS AND APPROVE FOR REUSE.
- CONTRACTOR SHALL INSTALL PROPOSED SHEET-PILE AND RECEIVE OWNER OR ENGINEER'S APPROVAL
- CONTRACTOR SHALL REPLACE EXST BOULDER EDGING WHERE NOTED. AND INSTALL CROSS-VANE PER THE CONSTRUCTION DRAWINGS
- CONTRACTOR SHALL INSTALL AND MAINTAIN CONSTRUCTION FENCING DURING CONSTRUCTION.

ARAPAHOE COUNTY CASE No. EE20-049

CULTURAL AND HISTORICAL FINDINGS

IF ANY SUSPECTED CULTURAL OR HISTORIC FINDINGS ARE UNCOVERED DURING CONSTRUCTION, CONTRACTOR MUST STOP CONSTRUCTION ACTIVITIES IMMEDIATELY AND NOTIFY THE ENGINEER AND CCWQBA.

SITE ACCESS AND STAGING

- CONTRACTOR SHALL COORDINATE SITE ACCESS AND ANY STAGING EFFORTS WITH THE CHERRY CREEK BASIN WATER QUALITY AUTHORITY (CCBWQA) AND CHERRY CREEK STATE PARKS (CCSP) PRIOR TO MOBILIZATION.
- CONTRACTOR MUST NOTIFY OWNER AT LEAST 10 DAYS PRIOR TO ACCESSING SITE TO ALLOW FOR PROPERTY OWNER NOTIFICATION.
- ORANGE CONSTRUCTION FENCING (F) AND CONSTRUCTION MARKERS (M) SHALL BE INSTALLED PER THE CONSTRUCTION DRAWINGS.

SHEET PILE

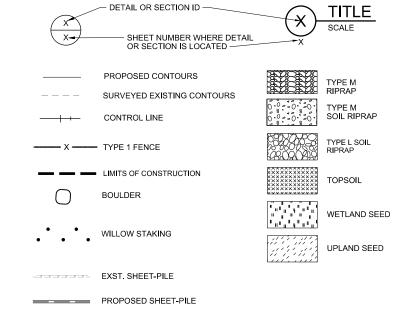
- SHEET PILE SHALL BE PZ-22 WITH STEEL CAP PER TOTAL
- FOLLOW MANUFACTURER'S INSTALLATION PROCEDURES APPROPRIATE FOR THE SOIL CONDITIONS PRESENT ON SITE.
- SHEET PILE PROFILE SHALL BE MANUFACTURED WITH AN INTERLOCKING FEATURE THAT ENSURES ADJACENT PANELS MAINTAIN ALIGNMENT

ARAPAHOE COUNTY GENERAL NOTES

- THE COUNTY ENGINEER STAMP AND SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL CONFORMANCE WITH THE ARAPAHOE COUNTY SUBDIVISION REGULATIONS OR APPROVED VARIANCES TO THOSE REGULATIONS. THE COUNTY ENGINEER, THROUGH APPROVAL OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY, OTHER THAN STATED ABOVE, FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS. THE OWNER AND ENGINEER UNDERSTAND THAT IT IS THE POLICY AND PRACTICE OF ARAPAHOE COUNTY NOT TO ACCEPT LIABILITY FOR FACILITIES DESIGNED BY OTHERS. THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSIONAL ENGINEER WHOSE STAMP AND SIGNATURE ARE AFFIXED TO THIS DOCUMENT.
- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO THE ARAPAHOE COUNTY INFRASTRUCTURE DESIGN AND CONSTRUCTION STANDARDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE ARAPAHOE COUNTY DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT. THE COUNTY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT
- THE CONTRACTOR SHALL NOTIFY THE ARAPAHOE COUNTY DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT INSPECTIONS SECTION AT 720-874-6500, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION.
- THE CONTRACTOR SHALL VERIEV THE LOCATION OF EXISTING UTILITIES PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION CONTACT THE DENVER INTER-UTILITY GROUP AT 303-534-6700, OR AT 1-800-922-1987.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE PLANS (APPROVED BY THE DEPARTMENT OF PUBLIC WORKS AND DEVELOPMENT) AND ONE (1) COPY OF THE INFRASTRUCTURE DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.
- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO ARAPAHOE COUNTY FOR APPROVAL WITH THE PERMIT APPLICATION. A STREET CUT AND RIGHT OF WAY USE PERMIT OR PUBLIC IMPROVEMENT CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- THESE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF COUNTY ACCEPTANCE, AFTER WHICH TIME THESE PLANS SHALL BE VOID AND WILL BE SUBJECT TO ADDITIONAL REVIEW AND ACCEPTANCE BY ARAPAHOE
- CONTRACTOR SHALL NOTIFY THE ARAPAHOE COUNTY ENGINEER INSPECTION SECTION WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON A FACILITY, WHICH WILL BE CONVEYED TO THE COUNTY, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE (STORM SEWER, ENERGY DISSIPATERS, DETENTION POND OUTLET STRUCTURES, OR OTHER DRAINAGE INFRASTRUCTURE), FAILURE TO NOTIFY THE ENGINEER INSPECTION SECTION TO ALLOW FOR INSPECTION OF THIS CONSTRUCTION MAY RESULT IN NON-ACCEPTANCE OF THE FACILITIES BY THE COUNTY.
- THE CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES PRIOR TO REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MUST BE PERFORMED BY THE UTILITY COMPANY'S FORCES.
- THE CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE OWNER AND THE DESIGN ENGINEER THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR
- THE CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF ALL PERSONNEL. ALL SITE VISITORS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGED TO IMPROVEMENTS AND LANDSCAPING CAUSED BY THE CONSTRUCTION ACTIVITIES. TO EQUAL OR
- THE CONTRACTOR SHALL PRESERVE ALL LANDSCAPING NOT TO BE REMOVED FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESEEDING OR SODDING ALL AREAS DISTURBED BY CONSTRUCTION.
- AS-BUILD DRAWINGS ARE REQUIRED AFTER PROBATIONARY ACCEPTANCE BY THE COUNTY

LEGEND

TYPICAL SECTIONS AND DETAIL CALLOUTS FOLLOW THE GENERAL FORMAT SHOWN BELOW. DETAILS ARE IDENTIFIED WITH NUMBERS AND CROSS SECTION CUTS ARE IDENTIFIED BY LETTERS. SEE GESC SHEETS FOR ASSOCIATED SYMBOLOGY.



ABBREVIATIONS

B & B	BAG AND BURLAP	Н	HORIZONTAL
CCBWQA			INVERT
0000			POUNDS
			MAXIMUM
CDOT			MINIMUM
			NORTHING
		NAVD	NORTH AMERICAN
			VERTICAL DATUM
		NGVD	NATIONAL GEODETIC
			VERTICAL DATUM
			NOT TO SCALE
			ON CENTER
			PREMOLDED JOINT FILLER
			REINFORCING
			SLOPE
	EROSION CONTROL		STAINLESS STEEL
	EACH FACE		STATION
ELEV	ELEVATION	STD	STANDARD
EW	EACH WAY	TYP	TYPICAL
EWEF	EACH WAY EACH FACE	UDFCD	URBAN DRAINAGE AND FLOOD
EXST	EXISTING		CONTROL DISTRICT
FES	FLARED END SECTION	V	VERTICAL
FT	FOOT	VPI	VERTICAL POINT OF INTERSECTION
GESC	GRADING, EROSION, AND		
	SEDIMENT CONTROL		
	CCBWQA CCSP CDOT CMP CONC CP CLR DIA DOLA DWG E EA EC EF ELEV EW EWEF EXST FES FT	CCBWQA CHERRY CREEK BASIN WATER QUALITY AUTHORITY CCSP CHERRY CREEK STATE PARK CDOT COLORADO DEPARTMENT OF TRANSPORATION CMP CORRUGATED METAL PIPE CONC CONCRETE CP CONTROL POINT CLR CLEAR DIA DIAMETER DOLA DOG OFF LEASH AREA DWG DRAWING E EASTING EA EACH EC EROSION CONTROL EF EACH FACE ELEV ELEVATION EW EACH WAY EWEF EACH WAY EWEF EACH WAY EXSTRUCT ET EXISTING FES FLARED END SECTION FT FOOT GESC GRADING, EROSION, AND	CCBWQA CHERRY CREEK BASIN WATER QUALITY AUTHORITY CHERRY CREEK STATE PARK CDOT INV LBS CHERRY CREEK STATE PARK MAX CDOT COLORADO DEPARTMENT OF TRANSPORATION MIN CMP CORRUGATED METAL PIPE NAVD CONC CONCRETE NGVD CP CONTROL POINT NGVD CLR CLEAR NTS DOLA DOG OFF LEASH AREA OC DWG DRAWING PJF E EASTING REINF EA EACH S EC EROSION CONTROL SST EF EACH FACE STA ELEV ELEVATION STD EW EACH WAY TYP EWEF EACH WAY EACH FACE UDFCD EXST EXISTING FS FES FLARED END SECTION V FT FOOT GRADING, EROSION, AND

LANDSCAPING

- AVOID CLEARING AND GRUBBING WOODY VEGETATION WITHIN THE LIMITS OF DISTURBANCE. IF NECESSARY. PRUNE WOODY VEGETATION TO GROUND LEVEL SO THAT IT MAY GROW
- AVOID THE UNNECESSARY REMOVAL OF TREES OR SHRUBS; FOR EXAMPLE; PRUNE THE AERIAL PORTIONS OF TREES AND SHRUBS THAT HANG OVER A PROJECT AND
- SEE DWG LS-01 FOR ADDITIONAL LANSCAPING NOTES

RECORD DRAWINGS

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C NERAL Q DRAWING VERIFY SCALE

BAR IS ONE INCH ON DECEMBER 2021 D3150300 O G-02

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FILENAME: G-02.dgn PLOT DATE: 2022\07\13 \$PWURL \$PWPATH PLOT TIME: 3:33:30 PM

SURVEY CONTROL

- GROUND SURVEY PERFORMED BY TOPOGRAPHIC LAND SURVEYORS INC.
- DATE OF SURVEY: FEBRUARY, 2019.
- HORIZONTAL DATUM: COLORADO COORDINATE SYSTEM OF 1983 (NAD83) CENTRAL ZONE 502 (ARTICLE 52 OF TITLE 38, C.R.S.)
- VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
- COMBINED SCALE FACTOR (GRID TO GROUND) = 1.000289002
- UNITS: US SURVEY FEET

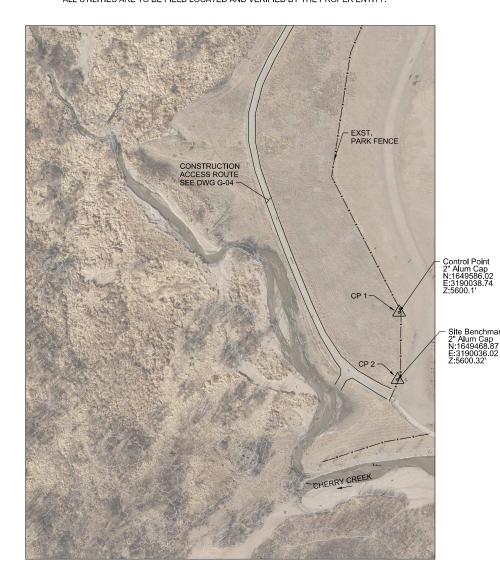
SURVEY CONTROL POINTS:

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 1	1649468.87	31900036.02	5600.32	2" ALUMINUM CAP
CP 2	1649586.02	3190038.74	5600.1	2" ALUMINUM CAP

SURVEY NOTES:

- SITE BENCHMARKS ARE 2" ALUMINUM CAP, AS SHOWN HEREON.
- THIS IS A TOPOGRAPHIC SURVEY AND NOT A BOUNDARY SURVEY. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR OF THE PROPERTY SHOWN AND DESCRIBED HEREON TO DETERMINE:

 - OWNERSHIP OF THE TRACT OF LAND. COMPATIBILITY OF THIS DESCRIPTION WITH THOSE OF ADJACENT TRACTS
 - RIGHTS OF WAY, EASEMENTS AND ENCUMBRANCES OF RECORD AFFECTING THIS TRACT OF LAND.
- UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON BEST PHYSICAL EVIDENCE AS FOUND IN THE FIELD AND MAY NOT BE ACCURATE OR COMPLETE. ALL UTILITIES ARE TO BE FIELD LOCATED AND VERIFIED BY THE PROPER ENTITY.



SUBSURFACE UTILITIES

- 1. NO SUBSURFACE UTILITIES WERE IDENTIFIED WITHIN THE PROJECT SITE. UTILITIES WERE INVESTIGATED IN COMPLIANCE WITH SENATE BILL 18-167, THE STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF SUBSURFACE UTILITY DATA.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ANY EXISTING ON-SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

C LAMB Revisions Drawn By ___ Date ___07/13/2022__ THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE

RECORD DRAWINGS

RECORD DRAWINGS.

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GENERAL NOTES AND SURVEY CONTROL

VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.

DECEMBER 2021 C D3150300 O G-03

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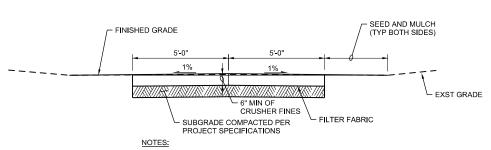
DRAWINGS

G-03 9

NOTES:

- THE CONTRACTOR SHALL PROVIDE A PEDESTRIAN AND TRAFFIC CONTROL PLAN FOR THE AREAS WHERE PARK ROADS WILL BE USED FOR VEHICLE CROSSING FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGE DONE TO THE PARK INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO: CONCRETE FLAT WORK, ASPHALT ROADS, FENCES, GATES, OR ANY OTHER IMPROVEMENTS OUTSIDE THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S OWN EXPENSE.
- THE CONTRACTOR SHALL ACCESS THE SITE BY UTILIZING THE 12-MILE TRAIL. THIS TRAIL SHALL BE RESTORED FOLLOWING THE SECTION DETAIL
- ANY DISTURBED VEGETATED AREAS BEYOND THE LIMITS OF CONSTRUCTION MUST BE RE-SEEDED TO RESTORE THE SITE TO EXISTING CONDITIONS. THIS WORK IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS CONSIDERED A NON-PAY ITEM.
- A PORTION OF THE DOLA FENCE MAY BE REMOVED TO ALLOW CONSTRUCTION VEHICLE ACCESS. THE FENCE MUST BE REPLACED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE. THE CONTRACTOR SHALL NOT DAMAGE THE DOLA BULLPEN. THIS WORK IS CONSIDERED INCIDENTAL TO MOBILIZATION AND WILL NOT BE PAID SEPARATELY.





- STAKE/FLAG ACCESS LOCATION WITH OWNER AND ENGINEER PRIOR TO MOBILIZATION.
- UPON COMPLETION OF ALL CONSTRUCTION ACTIVITIES, GRADE ACCESS ROAD TO REESTABLISH 10' WIDE ACCESS ROAD WITH 1% CROWN TO PROMOTE POSITIVE DRAINAGE.

ACCESS ROAD RESTORATION SECTION

RECORD DRAWINGS

\$PWPATH

C LAMB THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS, THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.



SITE A CONSTRUCTION

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PROJECT LOCATION-

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DECEMBER 2021

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G-04 9

DRAWINGS

N 1649457.18 - 408 SF CONC PAD E 3190017.97 8" THICK WITH FIBERMESH, 11 ABUT TO EXST CONC **RECORD DRAWINGS** BEGIN SHEET PILE N 1649442.84 N 1649438.45 Revisions Drawn By E 3190046.47 E 3190017.16 THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE N 1649439.18 - PROTECT EXST FENCE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS. E 3190009.46 LIMITS OF CONSTRUCTION EXTEND BEYOND VIEW, SEE NOTE 7 PROTECT EXST FENCE WETLANDS EXST. WETLANDS -N 1 649 353.6 E 3 189 970.78 N 1 649 365.10 SHEET PILE EXST TRAIL E 3 190 040.96 ABUT PROPOSED SHEET PILE TO EXST SHEET PILE SEE NOTE 3 - REMOVE SALVAGE REMOVE AND REPLACE AND REINSTALL EXST BOULDER EDGING 60 LF OF EXST. FENCE SEE NOTE 2 SEE NOTES 4, 5 AND EDGING PROTECT EXST TREES, TYP BOULDER EDGING, TYP N 1 649 323.75 E 3 189 976.57 PROPOSED CHERRY CREEK CHANNEL CENTERLINE SEE HORZ. CONTROL TABLE N 1 649 319.13 CHERRY CREEK TYPE M RIPRAP WITH E 3 189 957.68 PROPOSED SHEET PILE N 1 649 268.15 WITH STEEL CAP, N 1 649 269.76 F 3 189 968 57 E 3 189 988.12 CS-01 PROTECT EXST TREE NOTES: LIMITS OF CONSTRUCTION CONTRACTOR MUST AVOID OR MINIMIZE IMPACTS TO EXST PARK IMPROVEMENTS OR EXST VEGETATION NOT MARKED FOR REMOVAL OR BEYOND THE DESIGNATED LIMITS OF CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGED FEATURES AND FOR RESTORING ANY EXST VEGETATION THAT MAY BE IMPACTED. PRUNE WILLOWS TO TYPE M SOIL RIPRAP CONTRACTOR TO REMOVE APPROXIMATELY 60 LF OF EXST FENCE TO ALLOW FOR EXPOSURE OF EXST SHEET PILE AND INSTALLATION OF PROPOSED SHEET PILE. IF ADDITIONAL FENCE REMOVAL IS REQUIRED TO CONSTRUCT PROPOSED IMPROVEMENTS, THE CONTRACTOR MUST NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH REMOVAL. GROUND LEVEL WITHIN LIMITS OF CONSTRUCTION. DO NOT CLEAR AND WITH BEDDING, 2' THICK GRUB THE WILLOW ROOT APPROXIMATE COORDINATES FOR EXISTING SHEET PILE ARE PROVIDED. THE CONTRACTOR IS RESPONSIBLE FOR EXPOSING THE WESTERN MOST END OF THE EXST SHEET PILE TO CONFIRM PROPOSED SHEET PILE TIE-IN LOCATION. PROTECT EXST WOODY VEGETATION CONTRACTOR WILL BE REQUIRED TO REMOVE EXISTING BOULDER EDGING TO ALLOW FOR INSTALLATION OF PROPOSED SHEET PILE. ADDITIONAL BOULDER EDGING REMOVAL MAY BE REQUIRED TO CONSTRUCT PROPOSED IMPROVEMENTS. THE CONTRACTOR MUST NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE END PROPOSED CONTRACTOR MUST SALVAGE ALL REMOVED BOULDERS; THE OWNER OR OWNER'S REPRESENTATIVE WILL INSPECT REMOVED BOULDERS AND REQUEST THE CONTRACTOR TO REUSE APPROVED BOULDERS TO CONSTRUCT PROPOSED IMPROVEMENTS. CONTRACTOR MUST ENSURE THAT THE PROPOSED SHEET PILE WITH STEEL CAP IS NOT EXPOSED BY CHANNEL GRADING OPERATIONS. FOR FULL LIMITS OF CONSTRUCTION REFER TO THE GESC DRAWINGS. CONTRACTOR SHALL PROTECT EXISTING WILLOW / WOODY VEGETATION AREA. CONTRACTOR SHALL RESTORE IMPACTED EXISTING GROUND AND WILLOW / WETLAND AREAS TO PRE SHEET PILE TOP - EXST GROUND PROJECT CONDITIONS AND MINIMIZE AREA OF DISTURBANCE WHILE CONSTRUCTING BURIED SHEET PILE. ELEV = 5597.9 5600 5600 TYPE M RIPRAP WITH BEDDING, 4.5' THICK 20' CHERRY CREEK CHANNEL CENTERLINE HORIZONTAL CONTROL TABLE 5590 5590 CHERRY CREEK CHANNEL CENTERLINE HORIZONTAL CONTROL TABLE POINT TYPE STATION NORTHING EASTING RADIUS LENGTH TANGENT SHEET PILE 1649383.68 BOTTOM ELEV = 5585 -1649339.51 16.87 0+72.13 1649322.75 3189862.80 DT-01 48.87 1649253 54 3189870 60 1649274.36 1+59.35 3189914.82 2+10.34 2+32.62 1649296.08 1649305.57 3189960.95 3189981.10 22.28 0+00 3+00 CHERRY CREEK CHANNEL CENTERLINE - PROFILE VIEW 1649312.51 \$PWURL

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RECORD DRAWINGS Revisions Drawn By C LAMB THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS, THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE 5610 5610 ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE - TOPSOIL, 6 INCHES THICK RECORD DRAWINGS. PROTECT EXST BOULDER EDGING, - 3:1 SLOPE TO INSTALL LAUNCHABLE RIPRAP UNLESS OTHERWISE BELOW GRADE EXST GROUND 5600 5600 BOULDER : · TYPE M SOIL RIPRAP WITH BEDDING, EXST TYPE L SOIL 2' THICK TYPE M RIPRAP WITH BEDDING, 4.5' THICK DT-01 5590 LAUNCHABLE RIPRAP - SECTION VIEW 5620 NOTES: CONTRACTOR TO EXPOSE EXISTING SHEET PILE PRIOR TO STARTING EXCAVATION OF PROPOSED SHEET PILE TRENCH. CONTRACTOR TO MATCH TOP OF PROPOSED SHEET PILE TO ACTUAL TOP ELEV. OF CONTRACTOR TO EXTEND PROPOSED SHEET PILE BEYOND CHERRY CREEK MAIN CHANNEL EXTENTS AS SHOWN. 5610 CONTRACTOR MUST AVOID CONFLICTS BETWEEN PROPOSED SHEET PILE AND OTHER PROPOSED IMPROVEMENTS SUCH AS BOULDERS PROPOSED SHEET PILE W/ STEEL CAP, OR RIPRAP WHEN TRANSITIONING TOP OF SHEET PILE. - EXST SHEET PILE, MINIMIZE IMPACTS END SHEET PILE AT STA 1+18.00 SEE NOTE 1 AND - TOP OF SHEET PILE ELEV = 5597.9 END SHEET PILE AT EL 5600 DT-01/ - EXST GROUND WILLOW AREA AND EL 5600 -ACROSS MAIN CHANNEL CONCRETE PAD 8" THICK WITH 3:1 (H:V) SLOPE, TYP JACOBS - ELEV 5597.9 FIBERMESH 5600 5600 5590 5590 STA 3+75.72 EL 5597.90 STA 2+37.80 EL 5597.90 STA 1+95.33 EL 5597.90 STA 3+95.03 EL 5600.00 VPI STA 1+27.78 EL 5597.90 STA 2+30.29 EL 5600.41 STA 3+82.02 EL 5600.00 5580 5580 VERIFY SCALE 3+00 BOTTOM OF BAR IS ONE INCH ON ORIGINAL DRAWING. -0+50 1+00 4+00 DECEMBER 2021

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CS-01

6 of 9 SHEET PILE - SECTION VIEW ELEV = 5585 PROJ DWG ARAPAHOE COUNTY CASE No. EE20-049 \$PWURL FILENAME: CS-01.dgn PLOT DATE: 2022\07\18 PLOT TIME: 10:06:21 AM

E PARK - PHASE III . SECTIONS

DRAWINGS

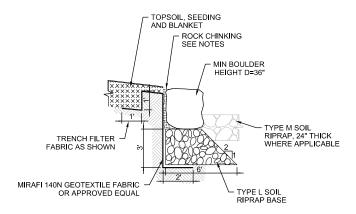
STAKE BLANKET TO GROUND BETWEEN STONES AMENDED SOIL LAYER AND SEED AND MULCH EROSION CONTROL BLANKET AS REQUIRED BY PLANS
AND SPECIFICATIONS — NEDIA KOIRMAT 700 FINISHED GRADE DESIGN RIPRAP GRADE SOIL RIPRAP TYPE II BEDDING SLOPE VARIES (SEE PLANS) PREPARE COMPACTED SUBGRADE PER SPECIFICATIONS OR PLACE ON UNDISTURBED SUBGRADE

EROSION CONTROL BLANKET SECTION

NOTES:

- SOIL RIPRAP DETAILS ARE APPLICABLE TO SLOPED AREAS. REFER TO THE SITE PLAN ACTUAL LOCATION AND LIMITS.
- MIX UNIFORMLY 65% RIPRAP BY VOLUME WITH 35% OF APPROVED SOIL BY VOLUME PRIOR TO PLACEMENT.
- PLACE STONE-SOIL MIX TO RESULT IN SECURELY INTERLOCKED ROCK AT THE DESIGN THICKNESS AND GRADE. COMPACT AND LEVEL TO ELIMINATE ALL VOIDS AND ROCKS PROJECTING ABOVE DESIGN RIPRAP TOP GRADE.
- CRIMP OR TACKIFY MULCH OR USE APPROVED HYDROMULCH AS CALLED FOR IN THE PLANS AND SPECIFICATIONS AS DIRECTED BY OWNER OR ENGINEER.
 USE 2' x 4' WOOD STAKES IN ALL TRENCHES AND RIPRAP AREAS. 12" ECO STAKES
- MAY BE USED TO SECURE THE BODY OF THE BLANKET OUTSIDE OF RIPRAP AREAS.

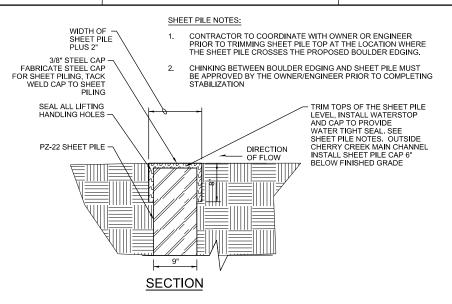


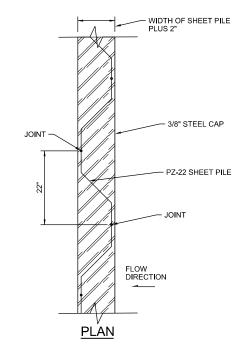


INSTALLATION NOTES

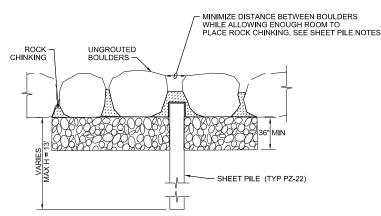
- EXCAVATE TRENCH FOR MATERIAL AND COMPACT
- SUBGRADE
- LAY DOWN FILTER FABRIC
 INSTALL TYPE L SOIL RIPRAP BASE
- PLACE BOULDERS
- TRENCH FILTER FABRIC
- PLACE TOPSOIL. SEED AND BLANKET
- INSTALL ROCK CHINKING BEHIND BOULDERS
- AND BETWEEN BOULDERS
- INSTALL TYPE M SOIL RIPRAP BEYOND BOULDERS











SHEET PILE CONNECTION BETWEEN BOULDERS

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DETAILS Q DRAWINGS VERIFY SCALE BAR IS ONE INCH ON DECEMBER 2021 CO PROJ DWG DT-0 SHEET 7 of 9

ARAPAHOE COUNTY CASE No. EE20-049

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LANDSCAPING NOTES:

- AVOID THE UNNECESSARY REMOVAL OF TREES OR SHRUBS; FOR EXAMPLE, PRUNE THE AERIAL PORTIONS OF TREES AND SHRUBS THAT HANG OVER A PROJECT AREA AND INTERFERE WITH EQUIPMENT.
- SOIL AMENDMENTS AND FERTILIZERS SHALL BE APPLIED TO AREAS WITH THE UPLAND SEED MIX ACCORDING TO MHFD SPECIFICATION SECTION 32 93 19 SEEDING AND SECTION 32 93 00 LANDSCAPE PLANTING.
- APPLY UPLAND SEED MIX IN ALL AREAS DISTURBED DURING CONSTRUCTION EXCEPT WHERE WETLAND SEED MIX IS APPLIED, AND IN ACCORDANCE WITH MHFD SPECIFICATION SECTION 32 93 19 SEEDING. NO SUBSTITUTIONS SHALL BE ALLOWED, INCLUDING ADDITION OF A COVER CROP, WITHOUT WRITTEN PERMISSION OF THE ECOLOGIST. OVERLAP THE SEED MIXES A MINIMUM OF 2 FEET. SEED TAGS MUST BE SUBMITTED TO ECOLOGIST.
- LIVE SANDBAR WILLOW (SALIX EXIGUA) OR APPROVED EQUAL CUTTINGS MUST BE COLLECTED AND INSTALLED IN DORMANT CONDITION (USUALLY BEFORE APRIL 15). CUTTINGS SHOULD BE A MINIMUM OF 3 FEET LONG FOR STAKES AND 5 FEET LONG FOR BRUSH LAYERING. WILLOWS SHOULD BE HARVESTED FROM ONSITE OR A NEARBY LOCATION WITHIN THE SAME WATERSHED OR AS DIRECTED BY THE PLANT ECOLOGIST. CUTTINGS WILL BE USED FOR STAKES AND BRUSH LAYERING MATERIAL. LEAVE THE SIDE BRANCHES INTACT FOR THE BRUSH LAYERING MATERIAL.
- NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT APPROVAL OF ECOLOGIST, NO SUBSTITUTIONS SHALL BE MADE UNLESS SPECIFIED PLANT MATERIALS ARE UNAVAILABLE. CONTRACTOR MUST NOTIFY ECOLOGIST IF MATERIALS ARE UNAVAILABLE, AND LIST PROPOSED SUBSTITUTIONS. ECOLOGIST MUST APPROVE ALL SUBSTITUTIONS.
- ECOLOGIST WILL INSPECT ALL PLANT MATERIALS AND MAY REJECT PLANT MATERIALS THEY DEEM TO BE OF INSUFFICIENT QUALITY. THE ECOLOGIST MAY RE-INSPECT THE PLANTS AT ANY TIME DURING THE PLANTING PROCESS, AND MAY REJECT PLANT MATERIALS AT ANY TIME. PLANTS WITH DRY, BROKEN, OR CRUMBLING ROOTS SHALL NOT BE ACCEPTED FOR PLANTING.

UPLAND AREA SEED MIX - SANDY SOIL

COMMON NAME	SCIENTIFIC NAME	GROWTH	GROWTH	% MIX	LB/AC (PLS ₁)
GRASSES	1	1	1		ı
SWITCHGRASS	PANICUM VIRGATUM	WARM	SOD/BUNCH	15	2.3
PRAIRIE SANDREED	CALAMOVILFA LONGIFOLIA	WARM	SOD	10	2.2
SIDEOATS GRAMA	BOUTELOUA CURTIPENDULA	WARM	SOD	10	3.1
BLUE GRAMA	BOUTELOUA GRACILIS	WARM	SOD	10	0.7
INDIAN RICEGRASS	ORYZOPSIS HYMENOIDES	COOL	BUNCH	10	4.3
WESTERN WHEATGRASS	PASCOPYRUM SMITHII	COOL	SOD	10	5.5
LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM	WARM	BUNCH	10	2.3
SAND DROPSEED	SPOROBOLUS CRYPTANDRUS	WARM	BUNCH	10	0.1
GREEN NEEDLEGRASS	STIPA VIRIDULA	COOL	BUNCH	10	3.3
	HERBACEOUS	WILDFLOWE	RS		
PASTURE SAGE	ARTEMISIA FRIGIDA			1	0.1
BLANKET FLOWER	GAILLARDIA ARISTATA			2	0.9
TANSYASTER	MACERANTHA TANACETIFOLIA			2	0.2
TOTA	L PLS POUNDS/ACRE			100	25

WETLAND SEED MIX - LOAMY TO SANDY SOILS

COMMON NAME	SCIENTIFIC NAME	GROWTH SEASON	GROWTH FORM	% MIX	WETLAND INDICATOR*	LB/AC (PLS1)		
GRASSES AND HERBACEOUS SPECIES								
AMERICAN SLOUGHGRASS	BECKMANNIA SYZIGACHNE	COOL	SOD	15	OBL	0.8		
PRAIRIE CORDGRASS	SPARTINA PECTINATA	WARM	SOD	15	FACW	4.6		
SWITCHGRASS	PANICUM VIRGATUM	WARM	SOD/BUNCH	15	FAC	2.3		
WESTERN WHEATGRASS	PASCOPYRUM SMITHII	COOL	SOD	10	FACU	5.5		
FOWL MANNAGRASS	GLYCERIA STRIATA	COOL	SOD	10	OBL	3.3		
HARDSTEM BULRUSH	SCIRPUS ACUTUS			10	OBL	1.6		
BALTIC RUSH	JUNCUS BALTICUS			10	OBL	0.1		
CREEPING SPIKERUSH	ELEOCHARIS PALUSTRIS			10	OBL	1		
WILDFLOWERS								
BLUE VERVAIN	VERBENA HASTATA			2.5	FACW	0.1		
NUTTALL'S SUNFLOWER	HELIANTHUS NUTTALLII			2.5	FAC	0.5		
TOTAL	PLS POUNDS/ACRE		100		19.8			

PLS = PURE LIVE SEED - IF BROADCAST SEEDING, DOUBLE THE RATE

PLANTING QUANTITIES							
COMMON NAME	LATIN NAME	QUANTITY	PLANTING CODE	SIZE			
SANDBAR WILLOW STAKES	SALIX EXIGUA	84 EACH	SEE DWG LS-02	3 FEET MIN.			

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12-MILE PARK - PHASE III LANDSCAPING NOTES AND PLANTING SCHEDULE **ACOBS**

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DECEMBER 2021

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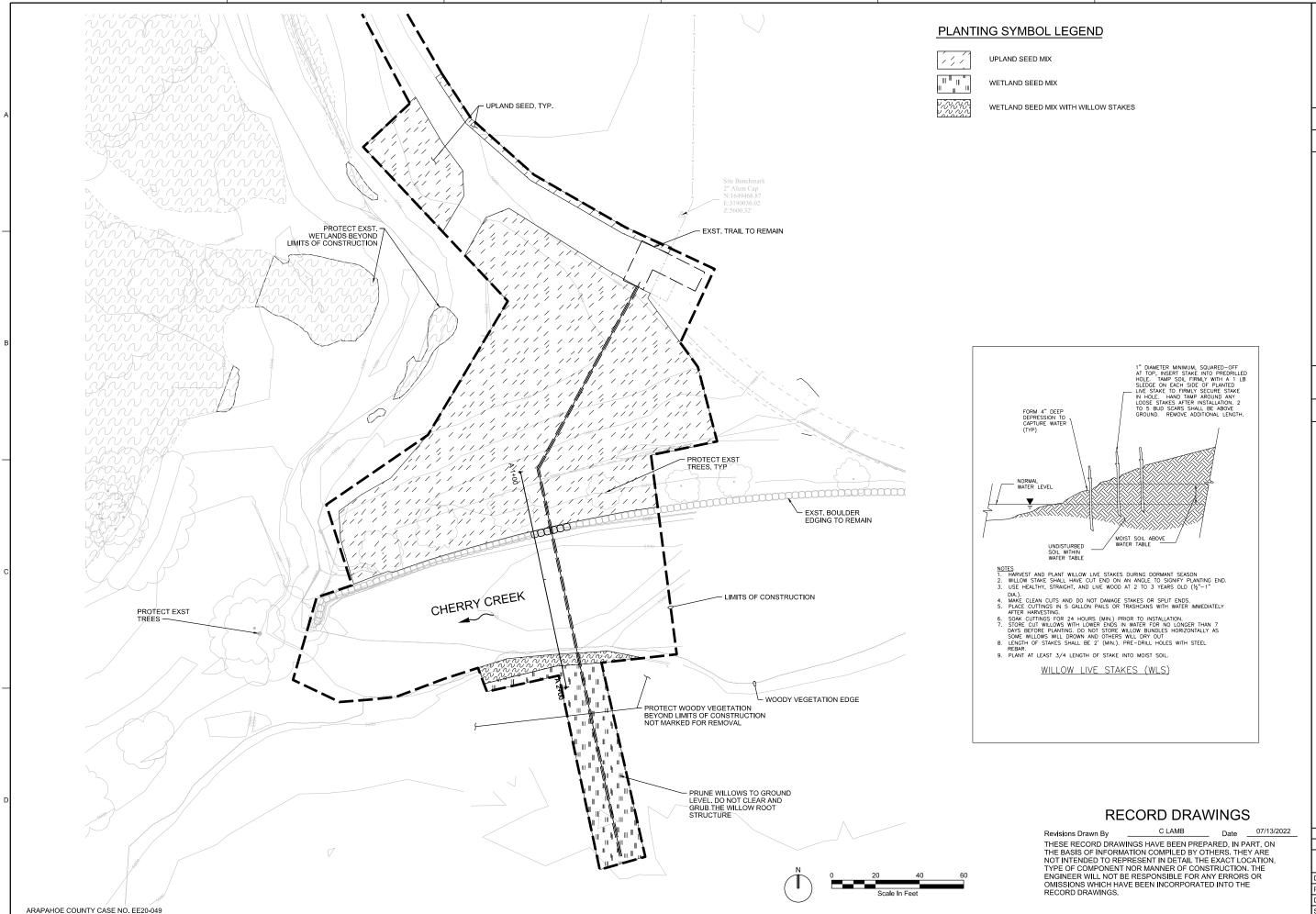
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DRAWINGS

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LANDSCAPING PLAN AND DETAILS

DRAWINGS

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9 of 9 DATE PROJ DWG SHEET