Item: new item, regular session Wednesday, August 3, 2022 Board of Directors meeting The Natomas Basin Conservancy For action by the Board

<u>Introduction</u>. This item requests that the Board of Directors authorize a new item to the August 3, 2022 Board of Directors meeting agenda. Since this is a late request, it will take a minimum of a 4/5th vote of the Board to place the item on the agenda for action today.

Item: BKS tract Giant garter snake enhancement project at Pond O.

Action requested: The Board is asked to authorize the Conservancy's Executive Director or Chief Financial Officer to execute and deliver all necessary documents for the purpose of engaging a contractor to conduct work on the Conservancy's BKS tract. The work entails modifying and enhancing the Pond O structure for the benefit of the Giant gartersnake, a "primary" Covered Species in the NBHCP. It calls on the adaptive management provisions of the NBHCP where the Conservancy is encouraged to use information it has learned to make modifications for the benefit of one or more of the NBHCP's Covered Species, in this case, the Giant gartersnake.

<u>Reason for late notice</u>. The need for the request on the August 3, 2022 Board of Directors meeting is that unless the Board entertains the matter now, the selected contractor will not have time to conduct the work in time to comply with the September 30 cut-off date for disturbance on preserves (e.g., the "GGS construction deadline"). Additionally, Conservancy management did not believe it would be possible to get multiple competitive bids in for the Board's consideration due to a well-known shortage of construction labor, with contractors evidencing they are booked up with existing work, and a roughly doubling of diesel fuel prices. However, multiple bids were submitted and referred to Conservancy management mid-morning, Wednesday, August 3, 2022. All three bids submitted were from reputable companies, two of whom have conducted substantial work for the Conservancy in the past.

The Conservancy engaged a construction manager for this project. The construction manager circulated a plan set and bidding documents. The low bid was lower than Conservancy management had estimated for the job. All three bidders indicated they could get to the project prior to the September 30 deadline.

<u>Funding</u>. The project will be funded by non-HCP funds. The monies will come from a restricted fund for projects intended to go above and beyond the requirements of the HCPs for Giant garter snake benefit.

<u>Action</u>. Conservancy management recommends the Board of Directors authorize this item for inclusion in today's (August 3, 2022) agenda. Separately, it recommends the Board authorize the Conservancy's Executive Director or Chief Financial Officer to execute and deliver all necessary documents to award a contract to and engage Triangle Properties, Inc. in the amount of \$44,240.00 to do the Pond O project at the BKS tract and begin the work immediately or as soon as practicable, but no later than September 30, 2022.

Project:	BKS GGS Feature	
		-

Lump Sum Bid Proposal

Date Prepared:

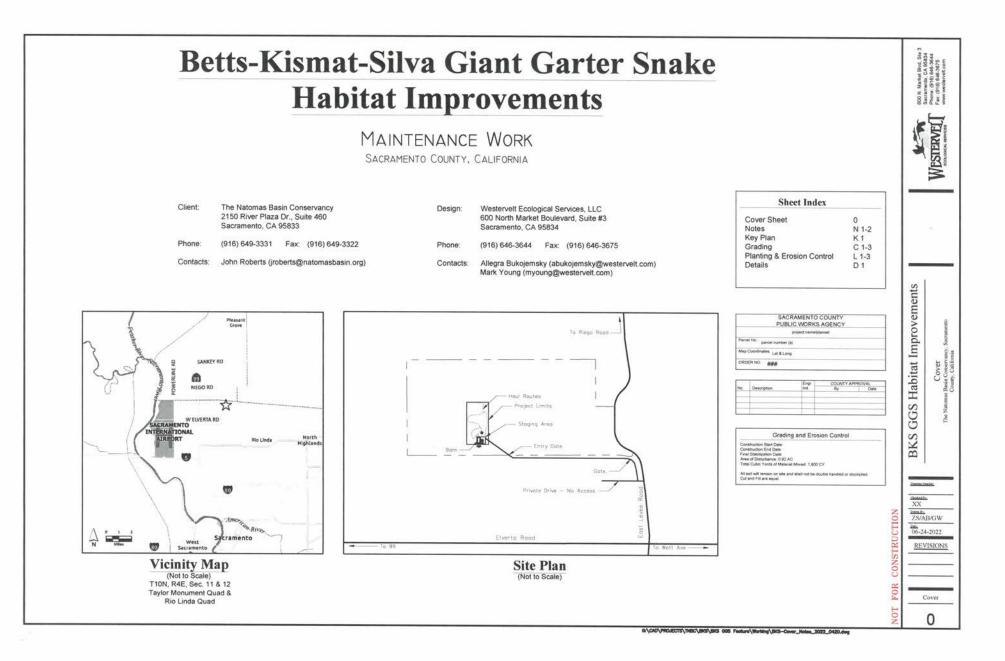
Company Name:

Responder acknowledges that the work is an at-risk bid proposal and that the earthwork yardage is for reference only.

Authorized Signature:

Prepared By (print):

ITEM	QTY	DESCRIPTION	UNIT	REMARKS		Triangle		Glissman	(Galloway
		MOBILIZATION	N & PROJECT START	-UP	1	and the Charles of Cha			-	
1	1	Mobilization	LS	Incl health & safety items	5	4,030.00	5	9,637.00	\$	8,000.00
		SITE I	PREPARATION							
2	I	Fence Removal	LS	Demo and disposal of fence materials per sheets C1, C2	S	1,240.00	\$	2,950.00	\$	2,500.00
3	1	Installation of Temporary Crossing	LS	Installation and removal of Temp. crossing. See sheet C2	5	620.00	\$	2,337.00		4,000.0
4					1					
5							1		1	
		EXCAVATIO	N & FILL MATERIAI							
6	760	GGS Mound Excavation	CY	Includes all necessary cut, fill and hauling to establish GGS mounds	S	26,710.00	5	24,646.00	s	6,840.00
7										
8										
		PLANTING &	EROSION CONTROL	L .	1					
9	1	Dust Control Water	LS	Water as needed to comply with applicable laws	5	1,250.00	\$	6,600.00	\$	8,000.00
10	0.95	Seeding fill areas	AC	Seeding GGS mounds and borrow areas, includes soil preparation	\$	1,140.00		4,600.00		4,750.00
11	59	Container Planting	EA	Planting tree-pot and dee-pot container stock per sheet D1	\$	1,130.00	S	4,420.00		5,900.00
12	18	Cottonwood Stakes	EA	Collection and installation of cottonwood stakes per sheet D1	S	310.00	5	1,218.00	\$	1,620.00
13	77	Plant Protection	EA/LS	Installation of plant protection fencing per sheet D1	S	5,060.00	\$	10 March 10	5	9,240.00
_		MISCEL	LANEOUS ITEMS						16 - C	
14	1	Irrigation Installation	LS	Installation of drip irrigation per sheets D1, 11	S	2,750.00	5	6,912.00	\$	3,500.00
15										
16										
17										
					1					
18		TOTAL	BASE BID AMOUNT:							
					s	44,240,00	S	63,320,00	s	54,350,00



CONSTRUCTION / RESTORATION NOTES

SCOPE OF WORK

This project is to enhance the natural landscape by creating additional vernal pools in the existing micro-watersheds on the site. To achieve this, the Contractor shall conduct all activities in accordance with the Construction Documents and conditions of the Permits set of the by the regulatory agencies having introduction are the project. The Contractor shall construct the vernal pools as shown on these Constructions Drawings and as field adjusted by the Restoration conditions that the vernal pools are shown on these Constructions flow in protocols and the complete implementation of the vernal pools restoration, requipment accessary for the complete implementation of the vernal pools restoration (version shown on the landscaping plans and described in the notes and spectrations, including all incidently work accessary is complete the project.

DEFINITIONS

The term 'Access Point' is an allowable access spot to the construction site and shall be secured by the contractor

The term 'Access Point is an allowable access spot to the construction site and shall be severed by the construction of the construction is the additional poople.
 The terms 'Approvad' Approval or 'Approva' means written authorization will be required from the 'Restoration 'Cologist to the Constractor before that the item may proceed.
 The term 'Best Management Practices' (BMP) are the current and acceptable construction techniques to minimize environmental damages to the side dering construction, and is not just limited for esoing output 'means' term 'Construction becomes'.
 The term 'Construction Restoration' are the collection of arawings, notes, agreements, permits, etc. associated with the immediated income of york in the construction access the side income of york.

In the term Construction Decomments are the collection of aravings, notes, agreements, permins, etc. suscession with Collection of the approximate of a plans for the projects, and includes the location and layout of the news versal pools and avades, access and hauf notes, ensuing control measures, and project notes. The term Construction Periodic presents the term that the Construction activities. There may be the subscription of the project through to when the Construction activities. There may be the construction activities. There may be the subscription of the subscription activities. There may be the subscription of the subscription activities. There may be the construction activities. There may be the construction activities. There may be made the construction activities. Period

The term Construction Window' or Construction Season' includes both the allowable hours for construction on a

The term Construction Window' or Construction Season' includes both the allowable hours for construction on daily basis and the months that construction may proceed.
 The term Contractor' refers to the prime Contractor, all subcontractor, material suppliers and service suppliers hind or construction by the prime Contractor it or work conducted on the project.
 The term Grading' is all the earthmoving advites associated with the landscaping for the project implementation This include; but is not limited to a disking executing compacting, projung, finishing, and shaling of solis on the

The term 'Haul Route' is the access corridor on the site where construction equipment is allowed to travel

The term Tatul Route is the access corrector on the site write' construction equipment is answed to dave between access point(s), staging area (s), and construction work.
 The term Not In Contract (NIC) are those items that are shown on the plans for restoration work but are NOT part of the Contract's Scope of Work.
 The term Permits' refers to the approval documents that have been issued by the Resource Agencies that allows the

project to be implemented.

The term 'Preservation Areas' refers to the natural landscape portions of the project site that are located outside of

the construction limits. The term Resource Agencies' refers to the regulatory agencies that have juriedictional authority over the site construction. These may include, but are not limited to, the US Army Corps of Engineers (Corps), US Environmental Protection Agency (EPA), US folds and Wildlife Service (USFWS), Control Valler Regional Water Quality Control Board (Regional Board), and the County of Secramento (County). The term Resonance Ecologic is the Claust or Claust's representative oversening or observing the construction activities, and providing technical review for the final configuration of each vernal pool shape and site's soil stabilization.

COUNTY NOTES

- 1. All constructions and materials shall be in accordance with the County of Sacrames
 Specifications and materials shall be in accordance with the County of Sacrames
 Specifications and maprovement Standards. Where inconsistences exist, the latest
 Public conventione, public adarty and traffic control shall be provided in accordan
 Soft the standard construction specifications and an directed by the county inspect
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 The county of Sacramento is at many grading until the county complete
 a
 The County of Sacramento is a member of the Underground Service Ater (U-SA) row exclusing days in divance of
 proforming any excavation work by calling the foll-free number: 1-800-227-2000. Thomas Brothers Map page 361
 Index D32 99 Edition. Index D3, 2009 Edition.
- The Contractor shall be responsible for the protection of all existing survey monuments and other survey markers during construction. All such monuments or markers destroyed during construction shall be replaced at the Contractors septeme.
- Erosion control measures shall be in accordance with section 11 of the County of Sacramento Improvement

Standards.

The following note is required for projects grading/disturbing one acre or more:

Evision and sediment control measures for this project shall be in substantial compliance with the Stormwater Pollution Prevention Plan (SWPPP) prepared for the project in accordance with the state's general permit for construction activities. According to the state law, it the responsibility of the property owner that the SWPPP is deep up-to-date to reflect changing site conditions and is available on the project site at all timms for review by local

SUGGESTED CONSTRUCTION SEQUENCING

The following is the suggested construction sequencing for implementing the project and is not intended to dictate

- Attend kick-off meeting at the site with Resource Agencies
- Attend biological training (all Contractor crews that will be working on site) Install construction entrance stabilization(s) and site security Field locate allowed haul routes
- Install temporary crossing(s)
- Set up staging area(s) ent construction activities
- plement seeding and other erosion control activities nove equipment and surplus materials from the site move temporary crossing(s)

CONSTRUCTION DRAWINGS

Westerveit Ecological Services, LLC and its consultants have used the best available landscaping practices and applied a reasonable Standard of Care in the preparation of the Construction Drawings. This included collection of soils, biological and bottancia data, site loography, cultural resources information and hazardoars exobatoace investigation. However, some leatures may not have been mapped or represented on the Construction Drawings. The Contractor shall reverse the drawings and report and discretopance to the Restoration Ecologist for clarification.

The Contractor shall note that all scaled drawings are approximate for viewing the design features. Written dimension supersede scaled dimensions. AutoCad files for the design features are available for use by the Contractor for determining the specific location() of such features.

The Restoration Ecologist may make field adjustments to the final shape of the staging area(s), haul route(s), vernal pools & swales, and spoils piles, based on specific site conditions revealed during co incidental to the work conducted for the project. nuction. Such adjustments are

Normal construction practices or Standards of Care for implementing the restoration project will be conducted by the Contractor even if these practices are not described or indicated on the Construction Drawings.

Approved design changes by the Restoration Ecologist will be considered as new parts of the Construction Drawings and shall adhere to all of the project requirements

CONTRACTOR SUBMITTALS

The Contractor shall make the following submittals as part of the Scope of Work:

Construction safety plan, including emergency fire control measures

Construction statep para, including simegraver, pare contor measures Any modifications to the Suggested Construction Sequencing. List of sub-consultantijs and their contact information Schedule et activities for the entire project and shown on a weekly timeline List of material supplierity within thirty a 30-day period after contrast signature Copy of material supplier weighting compliance with specifications (e.g., seed bag)



The Contractor team to the second sec

Construction may occur Monday through Saturday from dawn till dusk. No work may occur on a Sunday or Jederal



The Contractor shall perform all work in accordance with the best practices and standard of care relating to the various essional trades required for implementing this project, and provide continuous direction to such trades from an exenced and qualified supervisor capable of interpreting the Construction Drawings and Specifications.

All construction crews shall attend training given by the Restoration Ecologist to learn about the required conditions that need to be followed to protect the sensitive plants and animals on the site, actions to be followed when working adjacent to these areas, and therepornshifts and reporting processes that need to be followed when works process esti-ted and the probability of the sense that the sense that here the followed when works process estiericountered.

To assure quality control in the construction site, the following restrictions and responsibilities shall be adhered to by

Call Underground Service Alert (USA) at 1-800-227-2600, forty-eight (48) hours before com

construction for determining existing utility location(s). No Contractor crews may enter areas outside of the construction limits unless permitted by the Restoration

- No Contractor crews may enter areas outside of the construction limits unless permitted by the Rentoration Ecologist.
- No Contractor crews may enter areas outside of the construction limits unless permitted by the Rentoration Ecologist.
- No do maying or liber or definition durating tobacco products and food wrappers, is allowed. A common trash receptacle is allowed but must be secured to prevent access by animals or toppling by wind, and be empiled as needed, with the relax deposited at an approved County facility. Trash we define can define a common site.
- Portable samitary facilities, located at the main staging area, shall be supplied and clean by a licensed company percenting in some shares. No areasine shall be arranged to experise. No available shall be via the designated Access Point(s) and Hain Resets.
- Stationary equipment (such as mories, generative, pumm, ed. to pravided medianely such as crapper_executions).

Entry to and around the site shaft be via the designated Access Troin(t) and Hani Rouise.
 Stalionary equipment (such as motions, generations, pumpi, such or partial machinery (such as scrapper, escavators, etc.) shall be supplied with spill prevention containment measure (e.g., drip pans) and checked / cleaned regularly in accordance with Beeland. state and county requirements.
 Any spill of hazardous substances will be cleaned up immediately following federal, state and county requirements.
 Any spill of hazardous substances will be cleaned up immediately following federal, state and county requirements.
 Any spill of hazardous substances will be cleaned up immediately following federal, state and county requirements.
 Any spill of hazardous and fueling fead be done at the approved staging area(s) with full hazardous material containment measures in plean. (Hemergener, maintenance is needed outsise of the statements area for any substances).

containment measures in place. If emergency maintenance is needed outside of the staging erec(s), all protection measures will be required, including but not limited to placement of drip pans, absorbent rage, etc. Contractor shall conset the Restoration Ecological treestry-four (24) hours in advance to request technical review(s).

SPECIAL PROVISIONS

OVERVIEW

The Contractor shall assume sole responsibility for oversight of the construction crews and services as part of the implementation of the project, including safety for all personnel and minimizing impacts to the site.

EXISTING SITE CONDITIONS

The existing natural landscape is actively grazed to control grass cover and weed growth. Cattle will be removed from the site during the construction. Wetlands, including vernal pools and swales, sensitive plant and animal species, and a cattle stock pond exist on the site.

The Contractor shall contact the Restoration Ecologist immediately upon finding any discrepancies in the actual field conditions that what is shown on the plans.

CONSTRUCTION ACCESS AND HAUL ROUTES

Access to the project site will be made from a single point off of Riza Rd. by driving approximately 0.5 miles on private dist road to the western staging area. The Contractor shall strictly follow the haut routes while traversing the site. Catations against the Contractor from the Resources Agencies for not following such routes shall be born solely by the Contractor and remedial actions and fines will not be reimbursed by the Client.

SURVEY CONTROL & GRADING TOLERANCE

Survey control points have been set by the Restoration Ecologist's team and coordinates will be provided to the survey control points nave been set by the nontration accorging is seen and coordinates virus by provides to the Contractor. Shape files or polygon points for each versal pool configuration will be supplied to the Contractor. Contractor shall set up temporary, supplemental control points are may be needed to implement the landscape grading. Contractor's grade setter / checker shall verify that the final versal pool shape is visitin 0.23 inch in the borizontal directions, and the depth is within 0.10 inch in vertical elevation from what is shown on the plan. The Restoration Ecologist may make adjustments to the vernal pool configuration to account for sub-surface soil conditions. Any availations are considered incidental work to the landscape grading and included as part of completion of the plans

ROL CT / MATERIAL QUALITY ontractor shall verify that all material and products supplied for the project are either new or certified recyclable erms. Any changes from the specifications, including 'or equivalent' and 'or equal' terms will need approval from he Restoration Ecologist before purchase / installation. The cost and application to non-approved materials or ducts will not be reimbursed to the Contractor.

ATERIAL DELIVERY HANDLING & STORAGE

Contractor shall be responsible for receiving makerials delivered to the site and verifying that the material meets the specifications. Contractor is responsible make sure that the delivery vendor is in full compliance with the requirements for the project. Any restoration associated with failure to meet these requirements will be born solely by the Contractor and a incidential to be work.





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the old rand abstract in that segment, and to age of site it that 90 biosposes (in a compression) is inversingly of 40 or more hours adving the constraints project. The inversion of the site of the second second

SITE CLEAN-UP

On final approval of the project completion from the Restoration Ecologist, the Contractor shall verify that all temporary materials and features are removed, and staging areas and haul routes are stabilized to allow natural re-vegetation of occur.

Contractor will make sure that the site is always maintained in a neat and orderly manner during the Construction Period. This includes, but is not limited to, removal and disposal of litter and debris at a County-approved disposal

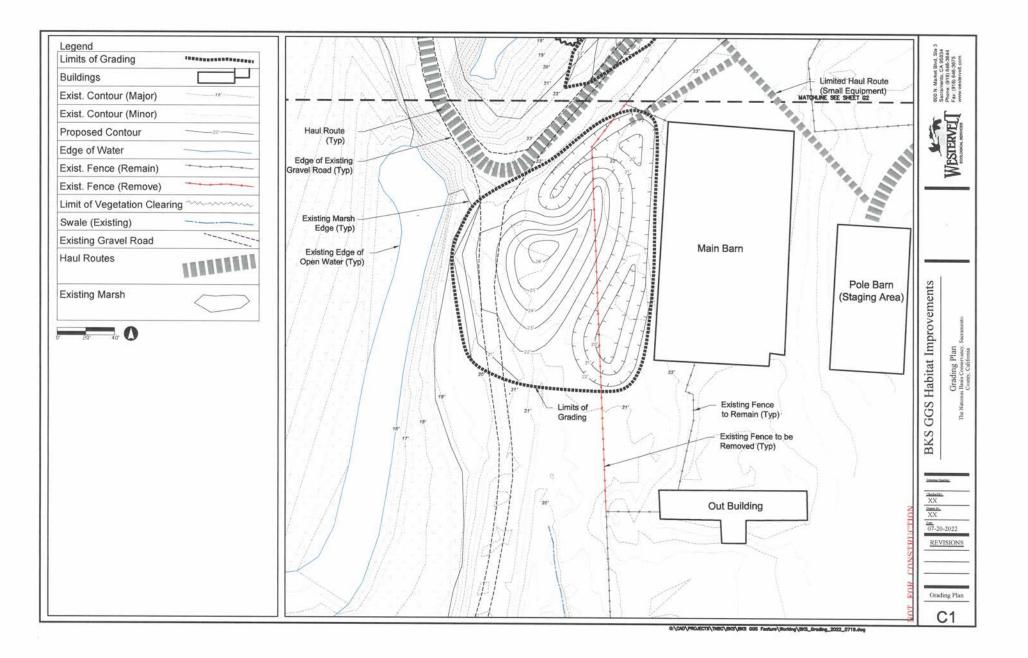


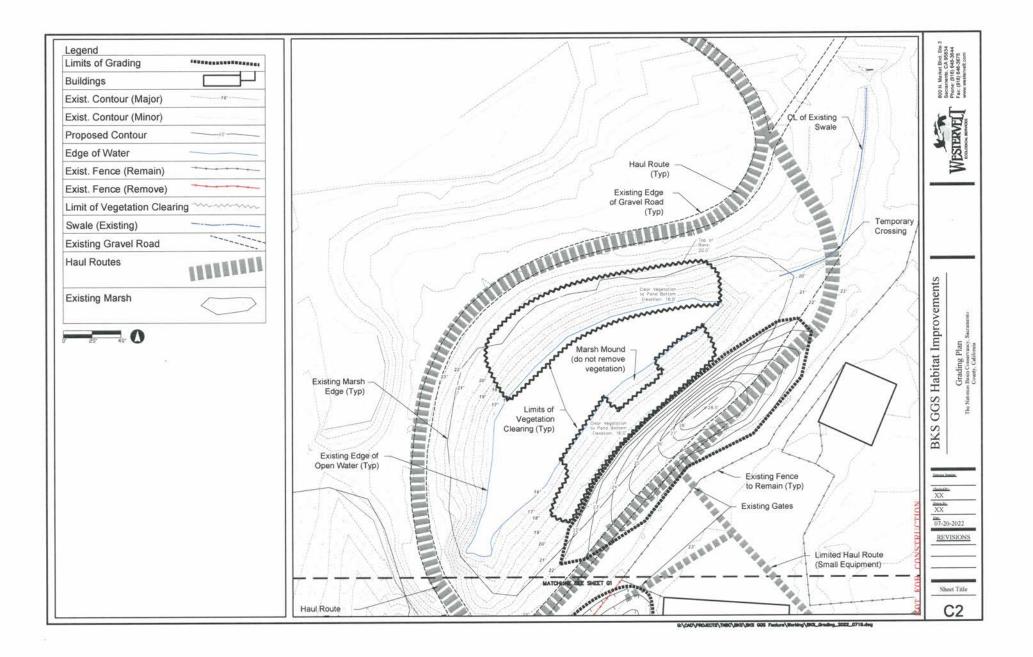
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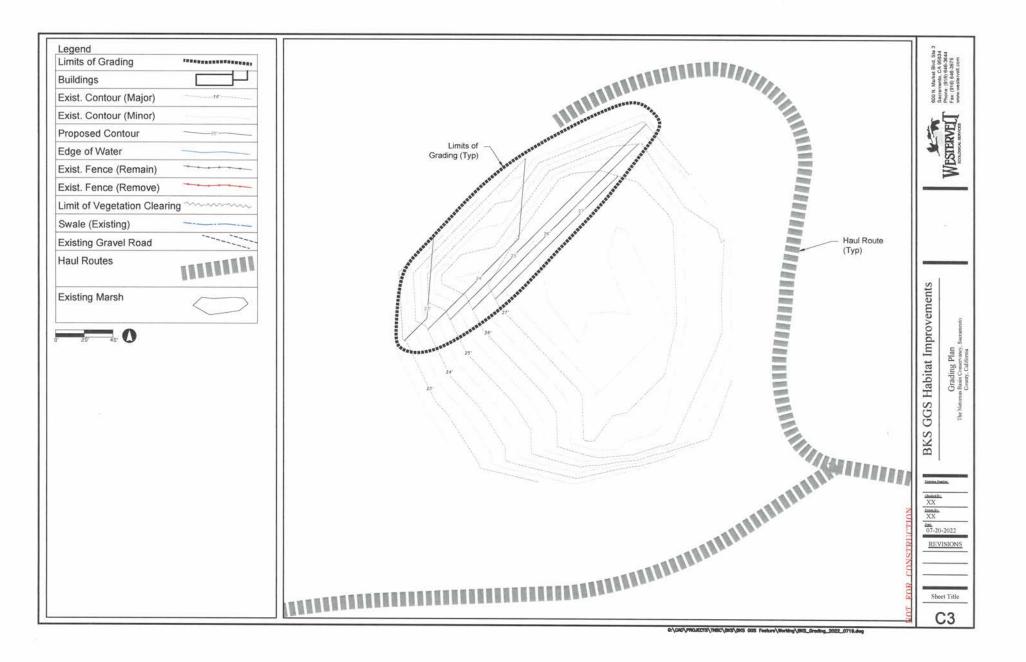


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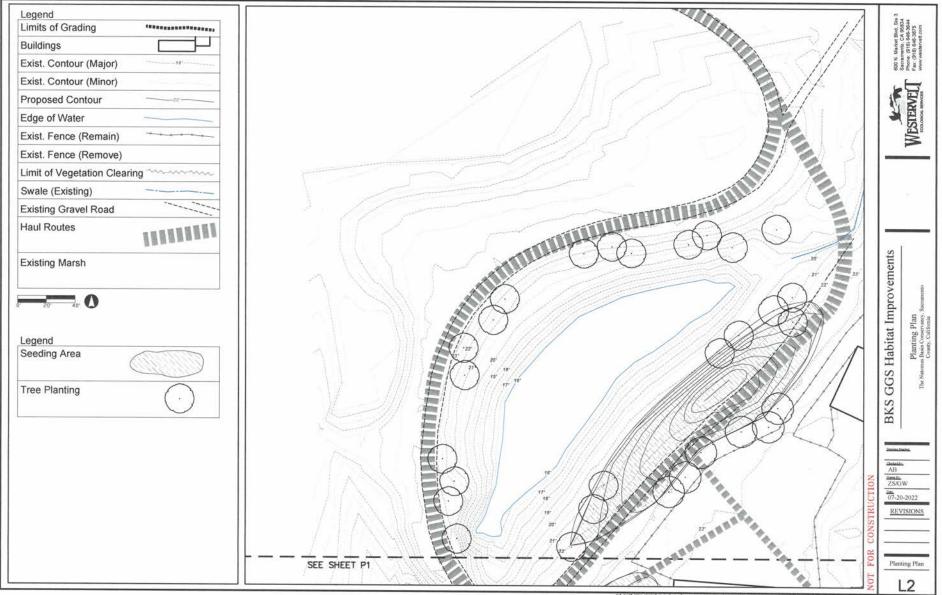




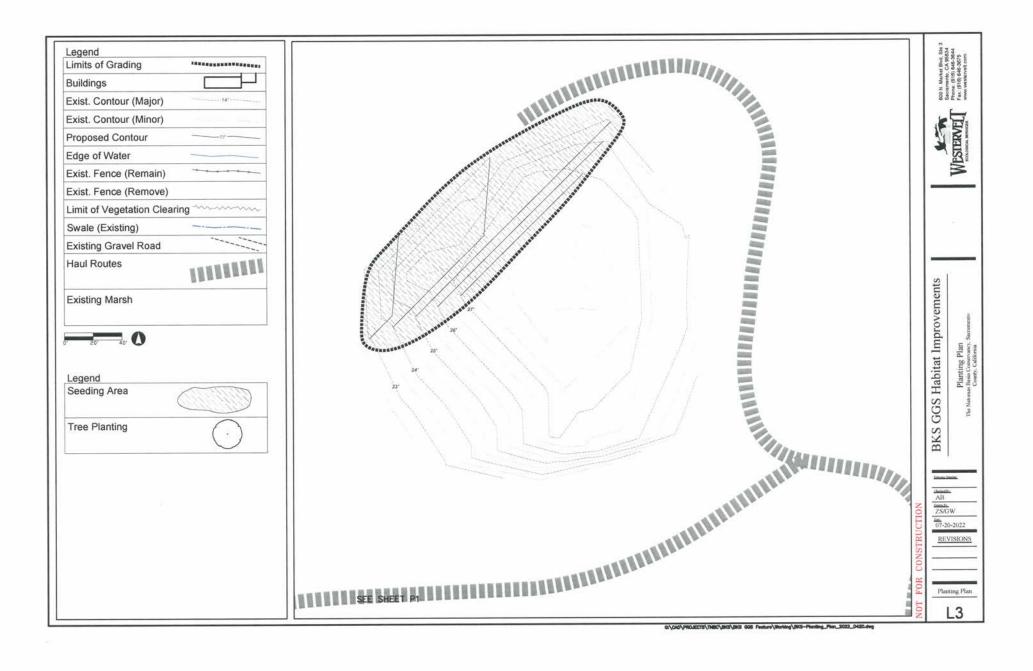


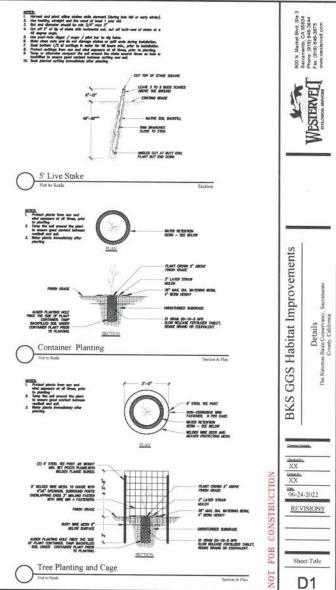


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Plant Schedule					
Common Name	Scientific Name	Uwe Stake			
Fremant cottonwood	Populus fremontal				
Valley oak	Guercus Indiata				
Interior Live Oak	Quercus wisitzeni				
Box elder	Acer negundo	-			
Oregon ash	Fraxirios latifolia				
Coyote brush	Baccharis pilularis	-			
Mule fat	Baccharis solicifolia				
California wild rose	Rasa colfornica				
Rose mallow	Hibiscus Jaskicanpos	-			
Button willow	Cephalonthus occidentalia				
CONTRACTOR OF	Total Number				

Native Gras and Forb Mix				
Common Name	Botanical Name	Lbs/acre		
Furple Needlegrass	Stipo pulchra	5.00	-	
Siender Wheatgrass	Elymus trachyceulus	7.00		
Meadow Barley	Nordeum Brachyantherum	3.00	-	
Californía Barley	Hordeum b. ssp. californicum	3.00		
Sandberg Bluegrass	Poo secundo	1.00		
Cellfornia Poppy	Eachsholble colifornies	1.00		
Pigmy Leaf Lupine	Lupinus bicolor	1.00	-	
Deerweed	Acmispon glaber	1.00		
Yaritow	Achilleo millefollum	1.00	-	
Tomcat Cover	Trifolium wildernovi/	1.00		
	Total pounds/acre:	24.00		

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