ADDENDUM NO. 1

SABINE RIVER AUTHORITY – GULF COAST DIVISION RFB # 22-1208 GCD BLUEBIRD RECREATIONAL AREA IMPROVEMENTS

THIS ADDENDUM IS ISSUED FOR THE PURPOSE OF AMENDING THE PLANS AND SPECIFICATIONS FOR THE SABINE RIVER AUTHORITY – GULF COAST DIVISION RFB # 22-1208 GCD BLUEBIRD RECREATIONAL AREA IMPROVEMENTS:

- 1. BID FORM Remove BID FORM in its entirety and replace with the attached BID FORM (12 pages).
- 2. BID OPENING SHEET Remove and Replace BID OPENING SHEET in its entirety. Additive bid items are separated out for clarification. (1 page)
- 3. PLAN SHEETS Remove PLAN SHEETS (1-14) in their entirety and replace with the attached PLAN SHEETS (1-14). Changes are indicated on each sheet with the appropriate Addendum 1 symbol. (14 pages). Of note, the security light and power pole changes will be by others. Additional striping to include a stripe at the boat ramp and travel direction arrows. Proposed dock extension angle is changed. Dimensions added to proposed sidewalks and kayak launch.
- 4. Technical Specification Item #95 Asphalt Pavement Rehabilitation Remove Item 360 and Item 440.
- 5. Technical Specification Item # 6005 Composite Decking: MoistureShield and WearDeck are hereby approved manufacturers for composite decking.
- 6. CLARIFICATION: Engineer's estimate is \$400,000
- 7. CLARIFICATION: Contractor to coordinate with Bluebird Fishcamp Restaurant to allow access for employees and patrons during construction.
- 8. CLARIFICATION: Construction Material Testing will be by Owner. Contractor shall coordinate all required testing with the Owner's selected lab.
- 9. Sign in sheet from the Pre-Bid Conference is attached. (1 page)

29 PAGES TOTAL ADDENDUM #1

END ADDENDUM #1

Steve J. Jordan, P.E.

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: Sabine River Authority of Texas: Gulf Coast Division, 1922 IP Way, Orange Texas 77632
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents. All prices shall be stated in both words and figures; however, do not extend the unit price. If the unit price is extended, the extension shall be ignored in tabulating the bids(*). In case of discrepancy between the written amounts and the figures, the written amounts shall govern.

ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. Vendor Certification to State Law;
 - C. Conflict of Interest;
 - D. Required Bidder Qualification Statement with supporting data;
 - E. Form W-9;
 - F. Bonding Company Information
 - G. Bid Opening Sheet
 - H. Non-Collusion Affidavit(s)
 - I. Additional Items as stipulated in the request

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 Unit Price Bids

A. Bidder will perform the following Work at the indicated unit prices:

Item	Quantity	Unit	Description	Unit Price	Total Price
	Quantity	Offic	Description	FIICE	TOTAL FILE
BASE BID 1.	<u>)</u> 1	LS	Mobilization costs, including payment bond, performance bond, insurance,		
			moving equipment to project, and project sign all in accordance with plans and specifications; NOT TO EXCEED 3% OF TOTAL PROJECT BID for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	<u> </u>	
2.	5142	SY	Pulverize Existing Pavement (6" deep): furnish all labor, material and equipment to rework the existing asphalt parking surface area to a maximum depth of 6" by scarifying, pulverizing, mixing, compacting, proof rolling, sprinkling, reshaping, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Square Yard		
3.	5142	SY	6" Base: Furnish all labor, materials and equipment to install 6" Limestone Base over a geogrid reinforcement interlayer, including placement, spreading, compaction and testing, and edge shaping, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Square Yard		<u> </u>

4.	5142	SY	Asphalt Surfacing: furnish all labor, materials, and equipment to install 2" Type "D" asphaltic concrete per TxDOT Item 340 matching existing pavement transitions, turnout for entrances, compacting, prime coat, and edge treatment, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Square Yard		
5.	376	SY	12" Base for South Parking Extension: Furnish all labor, materials and equipment to remove organics, install 12" Limestone Base over a geogrid reinforcement interlayer, including placement, spreading, compaction and testing, and edge shaping, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Square Yard		
6.	376	SY	Asphalt Surfacing for South Parking Lot Extension: furnish all labor, materials, and equipment to install 2" Type "D" asphaltic concrete per TxDOT Item 340 matching existing pavement transitions, turnout for entrances, installed monolithically with the rest of the parking lot, compacting, prime coat, and edge treatment, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	¢	Ф

Per Square Yard

7.	1	LS	Pavement Surface Preparation for Markings, including all labor and equipment all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum		<u> </u>
8.	<u>1550</u>	LF	4" Pavement Markings - Striping : furnish all labor, material and equipment to furnish and install parking stall markings, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	c	¢.
			Per Linear Foot	\$	
9.	<u>9</u>	LF	Traffic Direction Pavement Marking Arrows: furnish all labor, material and equipment to furnish and install travel direction arrows, all in accordance with plans and specifications for, DOLLARS CENTS	_\$	_\$
10.	1	LS	Handicap Pavement Markings & Signs: furnish all labor, material and equipment to furnish and install parking stall markings and signs, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	_ *	
11.	2140	SF	4" Pavement Markings - No Parking Areas: furnish all labor, material and equipment to furnish and install parking stall markings , all in accordance with plans and specifications for, DOLLARS		
			Per Square Foot	\$	\$
			i ei Oquale i oot		

12.	1	LS	<u>Conduit:</u> furnish all labor, materials, and equipment to install new conduit in accordance with Entergy requirements, including excavation, backfill, and compaction, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	Ψ	Ψ
13.	1	LS	Final Site Grading and Seeding: furnish all labor, material and equipment to provide final stie grading and seeding, reshaping existing drain, replacement of existing culvert with 15" RCP, including all excavation, compaction, backfill, seeding, and watering all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	Ψ	Ψ
14.	1	LS	SWPPP Plan : provide a storm water pollution plan, including all notices, and fees all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	_Φ	_Φ
15.	1	LS	Erosion Control Measures: provide silt fence, construction entrance, concrete washout area, and rock filter berms, including all labor and equipment, installation, maintenance, and removal, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum	-	_

ADDITIVE 16.	BID 1 500	SY	12" Base for West Parking Extension: Furnish all labor, materials and equipment to remove organics, install 12" Limestone Base over a geogrid reinforcement interlayer, including placement, spreading, compaction and testing, and edge shaping, all in strict accordance with the plans and specifications for,	
			DOLLARS	
			CENTS	\$ \$
			Per Square Yard	
17.	500	SY	Asphalt Surfacing for West Parking Lot Extension: furnish all labor, materials, and equipment to install 2" Type "D" asphaltic concrete per TxDOT Item 340 matching existing pavement transitions, installed monolithically with the rest of the parking lot, compacting, prime coat, and edge treatment, all in strict accordance with the plans and specifications for,	
			DOLLARS	
			CENTS	\$ \$
			Per Square Yard	
18.	1	LS	Pavement Surface Preparation for Markings, including all labor and equipment all in strict accorance with the plans and specifications for,	
			DOLLARS	
			CENTS	\$ \$
			Lump Sum	
19.	266	LF	4" Pavement Markings - Striping : furnish all labor, material and equipment to furnish and install parking stall markings, all in accordance with plans and specifications for,	
			DOLLARS	
			CENTS	\$ \$
			Per Linear Foot	

ADDITIVE	F RID 2				
20.	1	LS	Proposed Concrete Sidewalks to Picnic Tables and Pavilion: furnish all labor, material and equipment to furnish and install proposed concrete sidewalks, including removal of existing bollards, surface preparation, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum		
21.	3	EA	Add topping concrete slab to existing Covered Picnic Tables: furnish all labor, materials, and equipment to install 4" additional concrete slab at covered picnic tables, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Each	Ψ	
22.	1	LS	Add topping concrete slab to existing Covered Pavilion Area: furnish all labor, materials, and equipment to install 4" thick additional concrete slab at covered pavillion, all in strict accordance with the plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Lump Sum		
ADDITIVE E 23.	1 1	EA	Proposed Floating Kayak Launch: furnish all labor, material and equipment to furnish and install Floating Kayak Launch, all in accordance with plans and specifications for,		
			DOLLARS		
			CENTS	\$	\$
			Per Each	- Y	

ADDITIVE BID 4 24. 1	LS	Rehabilitate Existing Boardwalk: furnish all labor, material and equipment to remove and replace existing lumber and composite decking material with new material, complete in place, all in accordance with plans and specifications for,			
		DOLLARS			
		CENTS	\$	\$	
		Lump Sum	-	<u>-</u>	
ADDITIVE BID 5 25. 1	LS	Extend Existing Boardwalk: furnish all labor, materials, and equipment to install driven timber piles, treated timber bracing and supports, and composite decking material, transition from existing boardwalk, complete in place, all in strict accordance with the plans and specifications for,			
		DOLLARS			
		CENTS	\$	\$	

Lump Sum

- B. Bidder acknowledges that:
 - 1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
 - estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 4.02 Bidder agrees that the Work will be substantially complete as indicated in the Agreement, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions.
- 4.03 Bidder agrees that the Work will be substantially complete within the time stipulated in the Agreement and as provided in Paragraph 4.01 of the General Conditions, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions.
- 4.04 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

- 5.01 Bid Acceptance Period
 - A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.
- 5.02 Instructions to Bidders
 - A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.
- 5.03 Receipt of Addenda
 - A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date	Received

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

- 6.01 Bidder's Representations
 - A. In submitting this Bid, Bidder represents the following:

- 1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
- 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
- 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
- Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
- 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
- 7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
- 8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- 9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
- 10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- 11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 Bidder's Certifications

A. The Bidder certifies the following:

- 1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
- 2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
- 3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
- 4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

Bidder:	
	(typed or printed name of organization)
Ву:	(typed of printed harne of organization)
by.	(individual's signature)
Name:	
	(typed or printed)
Title:	(typed or printed)
Date:	(4),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(typed or printed)
If Bidder is	a corporation, a partnership, or a joint venture, attach evidence of authority to sign.
Attest:	
	(individual's signature)
Name:	(toward as a sixted)
Title:	(typed or printed)
ritie.	(typed or printed)
Date:	
	(typed or printed)
Address f	or giving notices:
Bidder's (Contact:
Name:	
	(typed or printed)
Title:	(typed or printed)
Phone:	(typea or printea)
Email:	
Address:	
Address.	
Bidder's (Contractor License No.: (if applicable)

BIDDER hereby submits this Bid as set forth above:

BID OPENING

In the space provided below, enter your total Base Bid amount for this project. Only this figure will be read publicly at the public bid opening.

It is understood and agreed by the bidder in signing the proposal that the total bid amount entered below is not binding on either the bidder or the Owner. It is further agreed that the official total bid amount for this proposal will be determined by multiplying the unit prices for each unit price pay item by the respective estimated quantities shown in this proposal, and then totaling all of the extended amounts plus the amounts bid for all lump sum items.

Project:	Sabine River Authority Bluebi	ird Recreation Area Improvements
Owner:	Sabine River Authority of Tex	
	Orange County, Texas	
		\$Base Bid (Items 1-15)
		\$Additive Bid 1 (Items 16-19)
		\$Additive Bid 2 (Items 20-22)
		\$Additive Bid 3 (Item 23)
		\$Additive Bid 4 (Item 24)
		\$Additive Bid 5 (Item 25)

PRE-BID METTING SIGN IN SHEET – SABINE RIVER AUTHORITY OF TEXAS GULF COAST DIVISION BLUE BIRD'S REHABILITATION PROJECT WEDNESDAY, JUNE 22, 2022 RFB #22-1208 GCD

NAME	COMPANY NAME	PHONE #	E-MAIL
1. DAVID Dubon	Tolumps Worn Long	(300) 546- 2736	dy house tweeting day
2. (ody E11,5	Elik Carteator & Caulon,	1409) 5941-1825	Codula Plate - Cyc. com
3. Brenderaker	Hathern 310g.	409-659-8225	bbakere his H D. Not
4. Malanzia jatter	G&G PATERPAISES CONSTRUCTION	JUSTIN OND JAM 893 5465	Coline handenterprives, con
5. Stere Sorla	Schowbuy & M-1k, Tr.	109-866-0341	Sjorband Soran, a
6.	, ,		
7.			
8			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16. Tand Willams	5RA TX	2112-246-80pm	dwilliamsestatx.org
17. MARIEMANINE	5124-12	409-769-2192	memospets.org

CONSTRUCTION PLANS FOR

SABINE RIVER AUTHORITY OF TEXAS BLUEBIRD RECREATION AREA IMPROVEMENTS ORANGE COUNTY, TEXAS

JUNE 2022



ORANGE

ORANGE

PROJECT

LOCATION

BOARD MEMBERS

THOMAS "TOM" BEALL JANIE WALENTA JEFFERY D. "JEFF" JACOBS JOSHUA A. "JOSH" McADAMS

KEVIN M. WILLIAMS

CLIFF TODD JEANETTE STERNER ELTON BROCK

DARRIN R. RUDOLPH DAVID MONTAGNE PRESIDENT

VICE PRESIDENT SECRETARY - TREASURER

SECRETARY PRO-TEM

BOARD MEMBER

BOARD MEMBER

BOARD MEMBER BOARD MEMBER

BOARD MEMBER

GENERAL MANAGER



STEPHEN J. JORDAN, P.E. LICENSED PROFESSIONAL ENGINEER No. 87766

PREPARED BY:

SPIX SCHAUMBURG & POLK, INC. Firm Registration # F-000520

8865 College Street, Beaumont, Texas 77707 409.866.0341 P - 409.866.0337 F © Copyright 2022



DRAWING NAME

COVER SHEET/INDEX LEGEND & GENERAL NOTES EXISTING SITE PLAN PROPOSED SITE PLAN

PROPOSED STRIPING PLAN PROPOSED DIMENSION PLAN PROPOSED GRADING PLAN PROPOSED CROSS SECTIONS

PROPOSED SIDEWALK & TOPPING SLABS PROPOSEd BOARDWALK & DETAILS

PROPOSEd BOARDWALK & DETAILS STORM WATER POLLUTION PREVENTION PLAN SWPPP DETAILS

SHEET 1 OF 14

DATE	SYM	BY	REVISIONS
1/22		PW	PER SABINE RIVER AUTHORITY COMMENTS
2/22		PW	REVISED PER SABINE RIVER AUTHORITY COMMENTS
6/22	1	PW	REVISED PER SRA COMMENT ADD. No. 1

GENERAL CONSTRUCTION NOTES

- 1. Contractor to provide 72 hour notices to owner prior to closing facility for work.
- Mr. David Williams: 409-746-2111 (SABINE RIVER AUTHORITY GULF COAST)
 Mr. Johnny Trahan: 409-746-2593 (ORANGE COUNTY COMMISSIONER PRECINCT No.1)
- 2. The Contractor shall be fully responsible for any and all damage to the existing public or private utility lines, including but not limited to water lines, wastewater collection systems and storm sewer during construction. All damages shall be repaired in accordance with the Owner, and Engineering "Standard Specifications" with latest addenda and amendments thereto, with no cost to the public.
- 3. Contractor shall be responsible for obtaining all applicable City, County, State and Federal Permits.
- 4. Contractor shall be responsible for controlling traffic in immediate vicinity of construction. All work shall be preformed in such a manner and sequence as to provide maximum protection to traffic and pedestrians. Control shall be consistent with type of work being performed. Contractor shall be fully responsible for maintaining safe project site 24 hours a day minimally, guidelines set forth in "Manual on Uniform Traffic Control Devices" latest edition shall be observed.
- 5. Contractor shall be responsible for removal and lawful disposal of all waste material generated during construction. Waste material must be removed from work site and disposed of in such manner as to not DAMAGE owner or other persons. Disposal of waste material shall be in accordance with all, Local, State and Federal Regulations.
- 6. The Contractor must clean mud, dirt, or debris tracked onto existing streets by any vehicle that exits site. Condition of road and/or right—of—way upon completion of job shall be as good or better than prior to starting work.
- 7. All areas disturbed by construction which are not re-paved or otherwise covered shall be Hydro-Mulch Seeded.
- 8. Contractor shall coordinate his construction schedule with Owner prior to commencing work.
- 9. Contractor shall notify all utility companies in the area 48 hours prior to commencing work in any right—of—way or existing easement.
- 10. Contractor shall be responsible for providing required security to protect his own property, equipment and work in progress.
- 11. Drawings show as much information as can be reasonably obtained from an on ground observation, survey and existing construction drawings regarding topographic features, elevations, location, and nature of pipelines, natural gas lines, underground cables, utilities, etc. However, accuracy of or completeness of such information is not guaranteed. The contractor shall verify all elevations, dimensions and conditions in the field before commencing any work. Changes in horizontal and vertical alignment are to be approved by the engineer. It shall be the contractor's responsibility to report any conflicts or discrepancies to engineer in a timely manner.
- 12.1 All work in public right—of—way shall be performed to standards of governing authority.
- 13. Any existing facilities disturbed during construction, including but not limited to ditch grade and section, manholes including stack, frame and cover, driveways including pavement, culvert and curbs, shall be restored to its original condition by contractor.
- 14. Contractor shall notify all property owners a minimum of twenty four (24) hours prior to blockage of driveways or entering of utility easements.
- 14. The contractor will be responsible to maintaining and updating redline "RECORD" set of plans on site for inspection by the authorized inspector.
- 15. Contractor to take necessary precautions to protect root systems of shrubs, plants and trees along the area of excavation.
- 16. Contractor shall comply with OSHA Regulations and State of Texas Law concerning excavation, trenching and shoring.
- 17. The contractor shall pay close attention to the project schedule to ensure that the work is completed in a timely manner. Contractor is to phase the work so that the existing parking area and boat launch remains open to the extent possible. Contractor to coordinate ramp closure to close half ramp at a time as needed for tie in pours. Contractor may perform work on the unpaved areas to prepare site, install compacted fill, treat subgrade, install flexible base, compact and grade prior to closing the area to perform work on the existing parking areas and boat launch expansion.

STORM WATER POLLUTION PREVENTION NOTES

- 1. Contractor to ensure that the storm water pollution prevention (SWPPP) meets applicable Texas Pollutant Discharge Elimination System (TPDES) Standards and regulations.
- 2. Contractor to submit a notice of intent (NOI) to Texas Commission on Enviromental Quality (TCEQ) and obtain all necessary permits.

4. Contractor to ensure that existing drainage systems remain in an operable condition during construction. Contractor shall not allow

- 3. Contractor to submit a Storm Water Pollution Prevention Management Plan (SWPPMP) to TCEQ and obtain all necessary permits.
- clogging of the existing drainage systems from silt or debris. Ensure positive drainage.

 5. A copy of the signed (NOI) must be posted at the construction site in a location where it is readily available for viewing by the
- 5. A copy of the signed (NOI) must be posted at the construction site in a location where it is readily available for viewing by the General Public, Local, State and Federal Authorities prior to commencing construction activities, and must maintain the (NOI) in that location until completion of construction activities.
- 6. Contractor to ensure all control measures are properly installed and maintained according to the SWPPP and applicable specifications.
- 7. Contractor shall minimize to the extent practicable, off—site vehicle tracking of sediments and the generation of dust.
- 8. All protective measures identified in the SWPPP must be maintained in effective operating condition. If, through inspections or other means, the permittee determines that BMP'S are not operating effectively, then the permittee shall perform maintenance as necessary to maintain the continued effectiveness of storm water controls, and prior to the next rain event if feasible, If maintenance prior to the next anticipated storm event is impracticable, the reason shall be documented in the SWPPP and maintenance must be scheduled and accomplished as soon as possible, erosion and sediment controls that have been intentionally disabled, run—over, removed, or otherwise rendered ineffective must be replaced or corrected immediately upon discovery.
- 9. If periodic inspections or other information indicates a control has been used incorrectly, is performing inadequately, or is damaged then the operator must replace or modify the control as soon as practicable after making the discovery.
- 10. Sediment must be removed from sediment traps and/or sedimentation ponds no later than the time that design capacity has been reduced by 50% for perimeter controls such as silt fence, berms, etc. The trapped sediment must be removed before it reaches 50% of the above—ground height.
- 11. If sediment escapes the site, accumulations must be removed at a frequency that minimizes off—site impacts, and prior to the next rain event, if feasible, if the permittee does not own or operate the off—site conveyance, then the permittee must work with the owner or operator of the property to remove the sediment.

TRAFFIC NOTES

- 1. If contractor chooses to use a traffic control measure that differs from Texas MUTCD, contractor shall submit a traffic control plan sealed by an engineer registered in the State of Texas to the Engineer and Owner for review and approval.
- 2. Contractor shall provide and install traffic control devices in conformance with part VI of the Texas Manual on Uniform Traffic Devices (Texas MUTCD, most recent edition with revisions) during construction.
- 3. Lane closure permits are to be obtained when required. Contractor to coordinate any lane closures with local authorities.
- 4. Contractor shall cover excavations with steel plates, anchored properly, during non—work hours and open lanes for traffic flow.
- 5. Approved copies of "Traffic Control Plans" and Lane/Sidewalk closure Permits" shall be available for inspection at job site at all times; if applicable.

ARCHAEOLOGICAL DISCOVERIES and CULTURAL RESOURCES

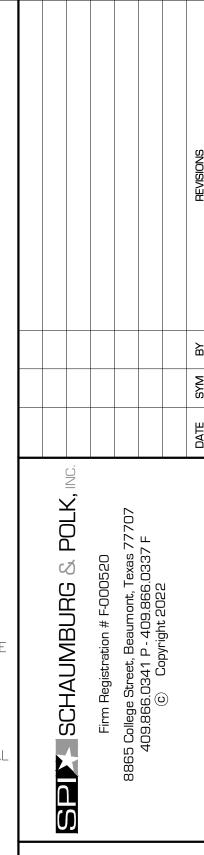
1. If Archaeological sites or historic structures which may qualify for designation as a State Landmark according to the criteria in the 13 TAC 41.6-41.10, or that may be eligible for listing on the National Register of Historic places in accordance with 36 CFR Part 800, are discovered after construction operations are begun, the contractor shall immediately cease operations in that particular area and notify the Owner, and the Texas Historical Commission, 1511 N. Colorado St., P.O. Box 12276, Capital Station, Austin Texas 78711-2276. The contractor shall take reasonable steps to protect and preserve the discoveries until they have been inspected by the Owner's Representative. The owner will promptly coordinate with the State Historical Preservation Officer and any other appropriate agencies to obtain any necessary approvals or permits to enable the work to continue. The contractor shall not resume work in the area of the discovery until authorized to do so by the owner.

ENDANGERED SPECIES

2. If a threatened or endangered species is encountered during construction, the contractor shall immediately cease work in the area of the encounter and notify the owner. Who will immediately implement actions in accordance with the ESA and applicable state statues. These actions shall include reporting the encounter to the U.S. Fish and Wildlife Service, and the Texas Parks and Wildlife Department, obtaining any necessary approvals or permits to enable the work to continue, or implement other mitigation ACTIONS. The contractor shall not resume construction in the area of the encounter until authorized to do so by the owner.

\underline{LEGEND}

PROPERTY CORNER G.P.S. CONTROL POINT BENCH MARK BOREHOLE LOCATION ELECTRICAL PULL BOX POWER POLE POWERPOLE W/ BENCH MARK POWER POLE W/ TJB TELEPHONE JUNCTION BOX STREET LIGHT TRAFFIC LIGHT GAS METER GAS VALVE WATER METER WATER VALVE FIRE HYDRANT UNKNOWN MANHOLE SANITARY SEWER MANHOLE STORM MANHOLE TELEPHONE MANHOLE SANITARY SEWER CLEAN OUT COO STORM INLET \odot STORM CATCH BASIN SIGN AS INDICATED MAILBOX NATURAL GROUND HEADSTONE \bigcirc HEDGE/HEDGE ROW \odot TREE SLOPE INDICATOR ── FLOW DIRECTION EXISTING EDGE OF PAVEMENT ----ss --- EXISTING SANITAQRY SEWER — — — — UE — EXISTING UNDERGROUND ELECTRICAL ++++++ EXISTING RAILROAD





BINE RIVER AUTHORITY OF TEX BLUEBIRD RECREATION AREA IMPROVEMENTS

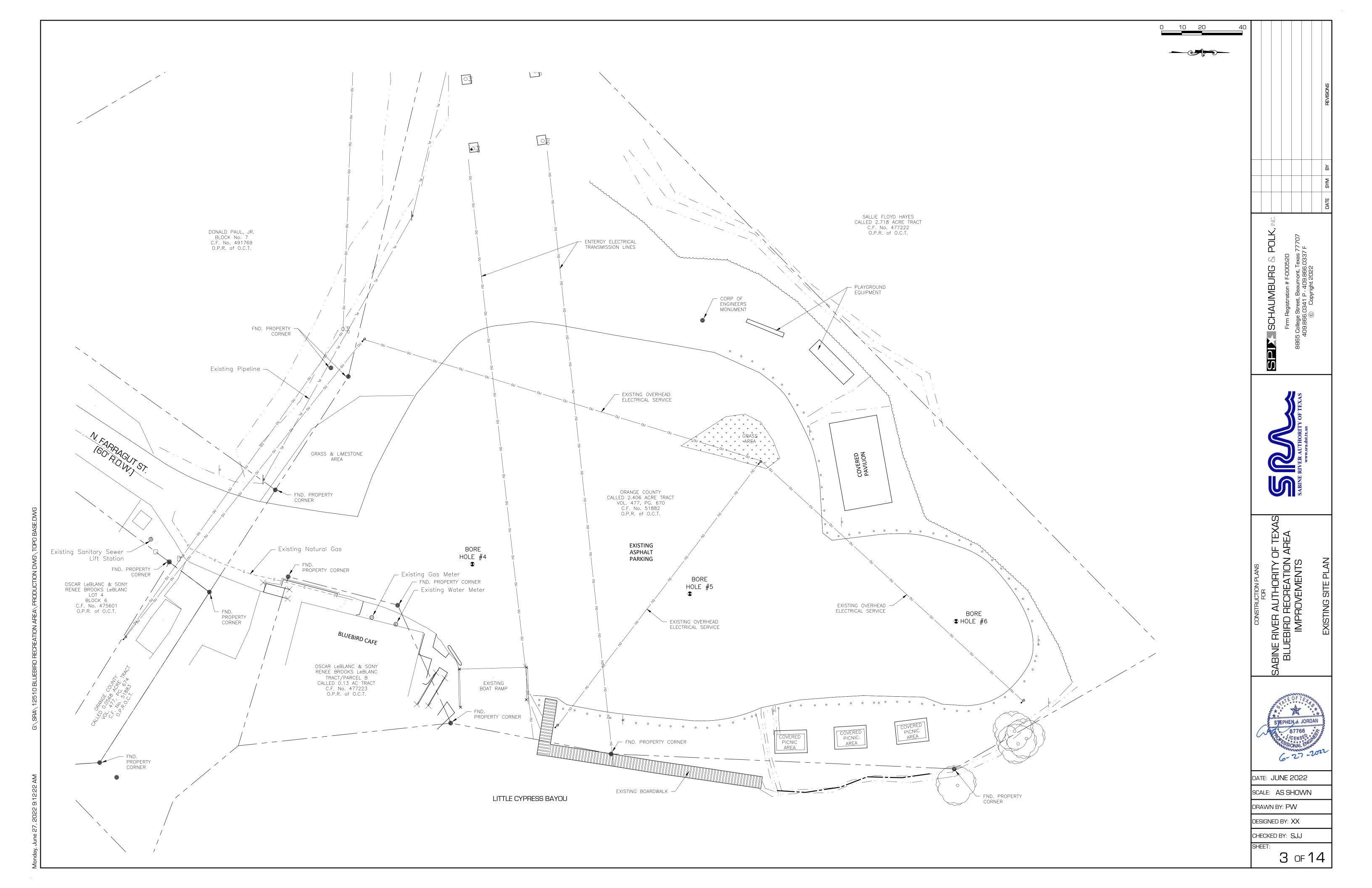


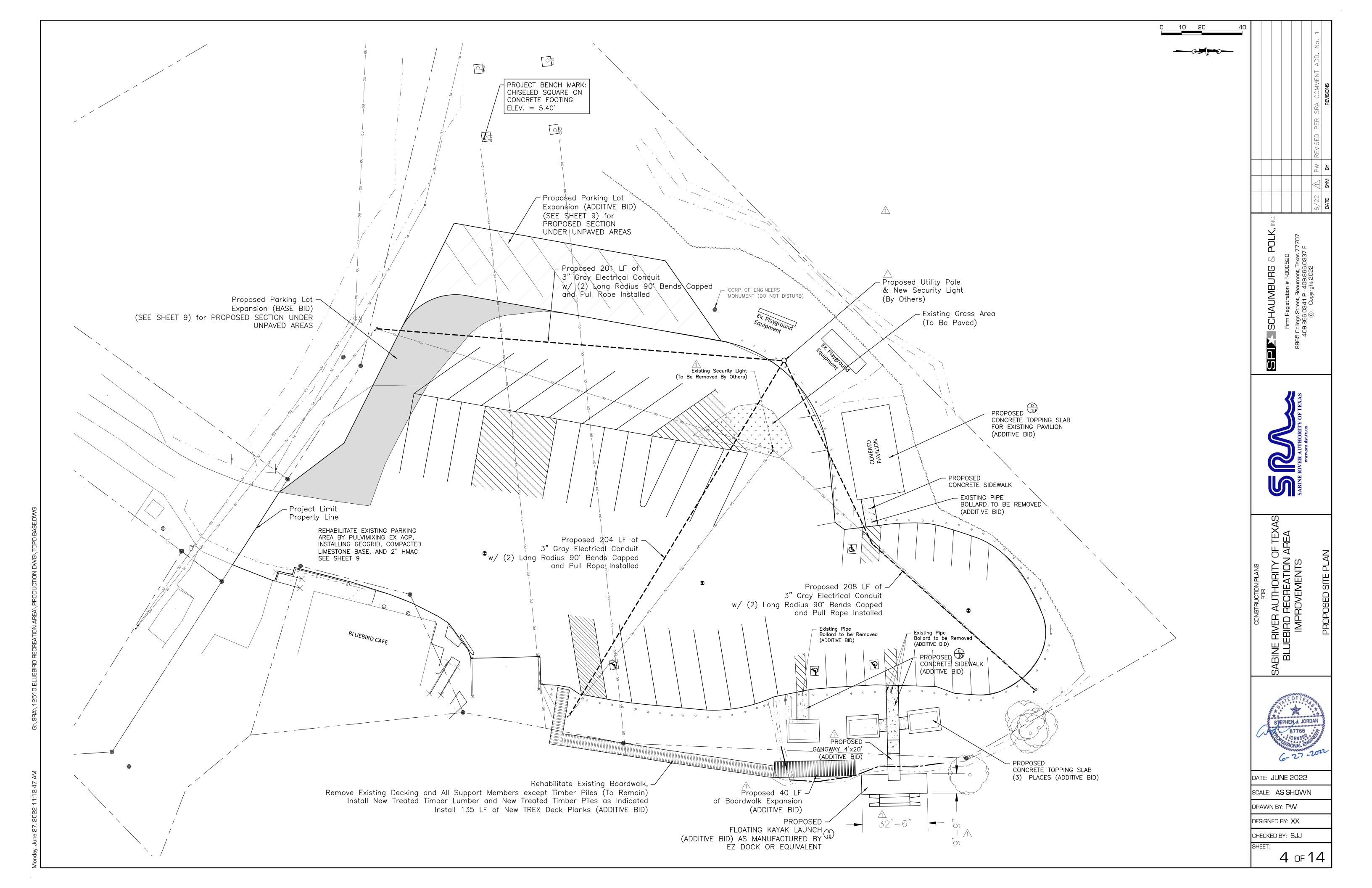
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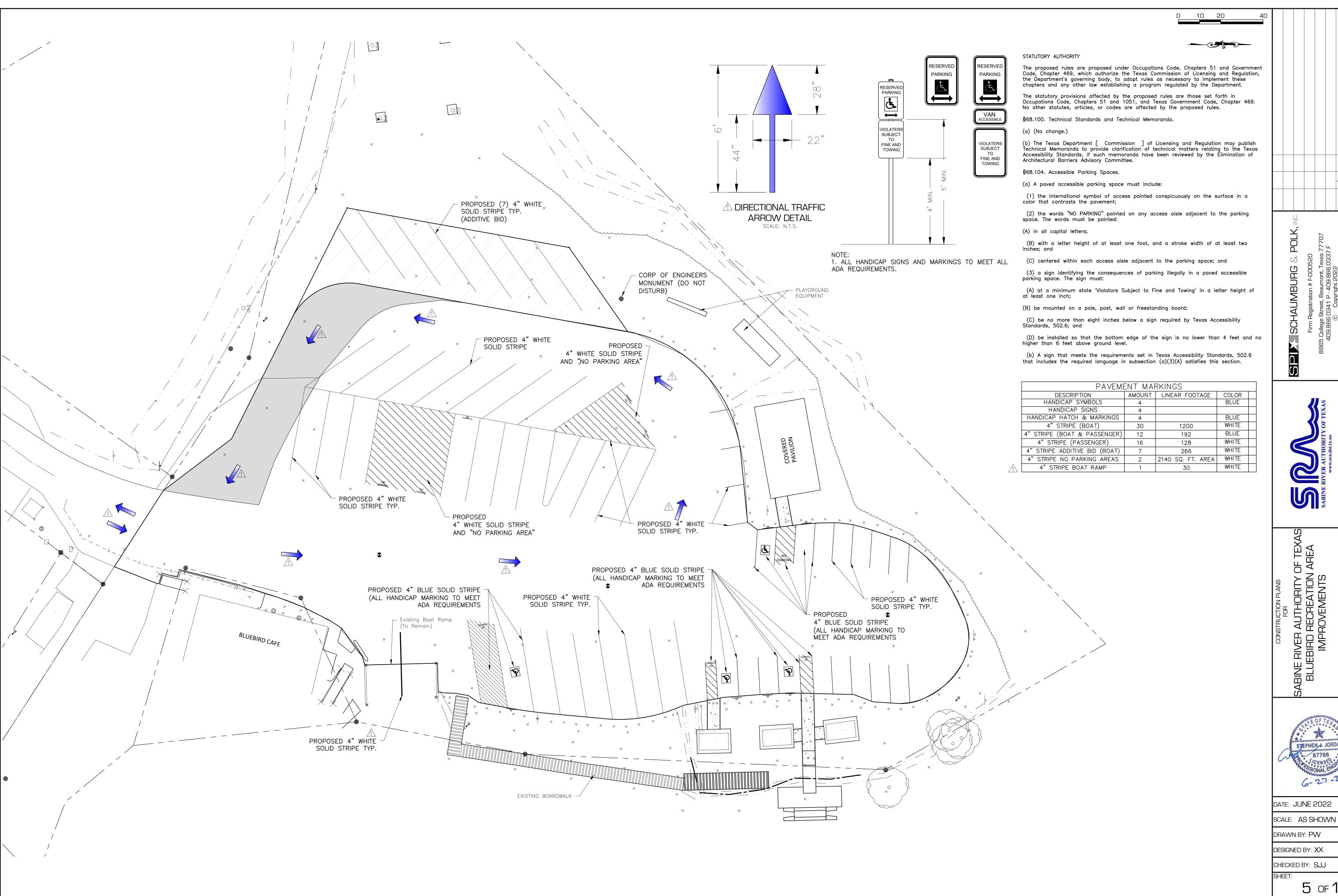
SCALE: AS SHOWN
DRAWN BY: PW

DESIGNED BY: XX

CHECKED BY: SJJ









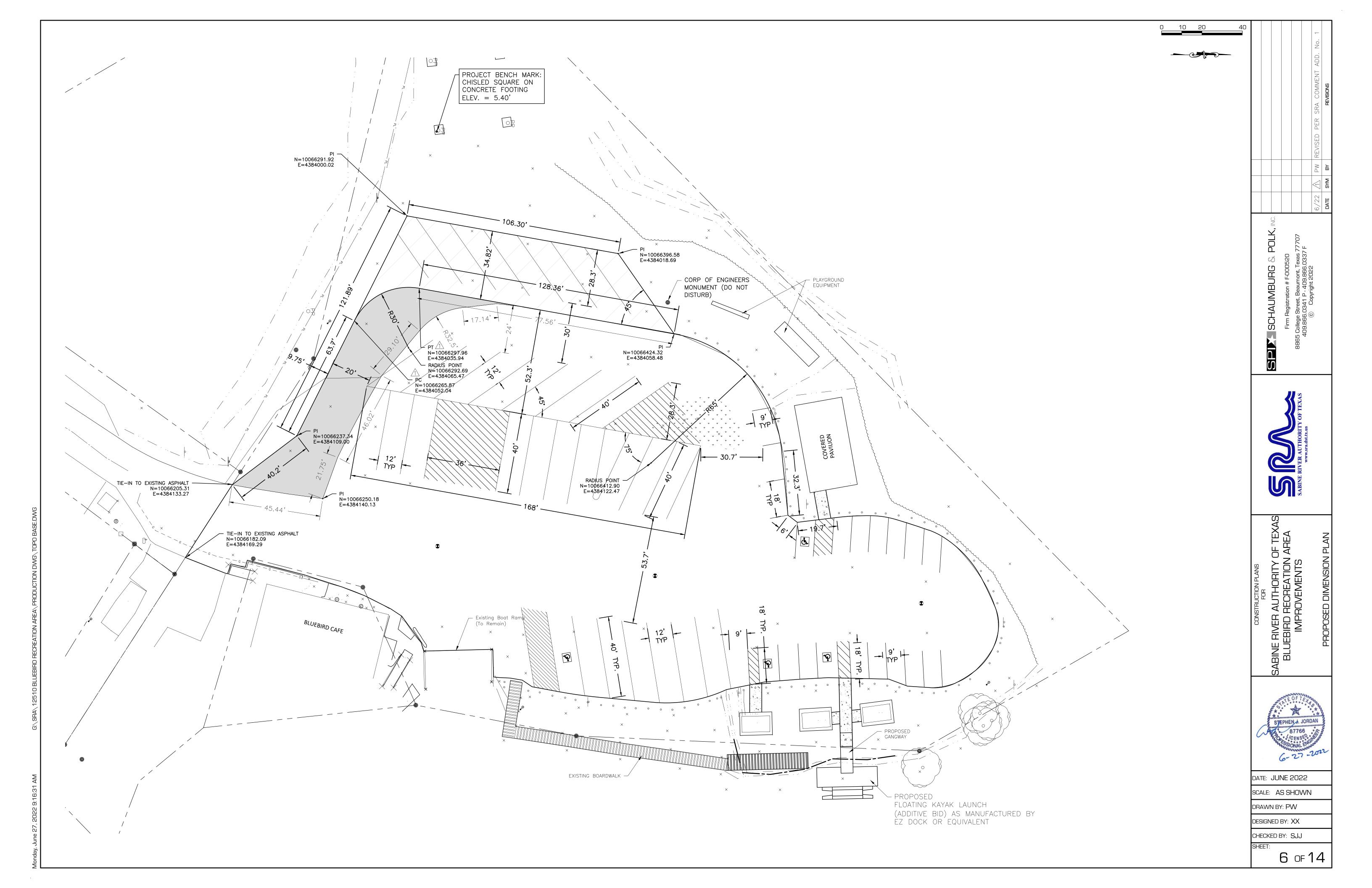
College Street, Beaumont, Texas 109.866.0341 P - 409.866.033; © Copyright 2022

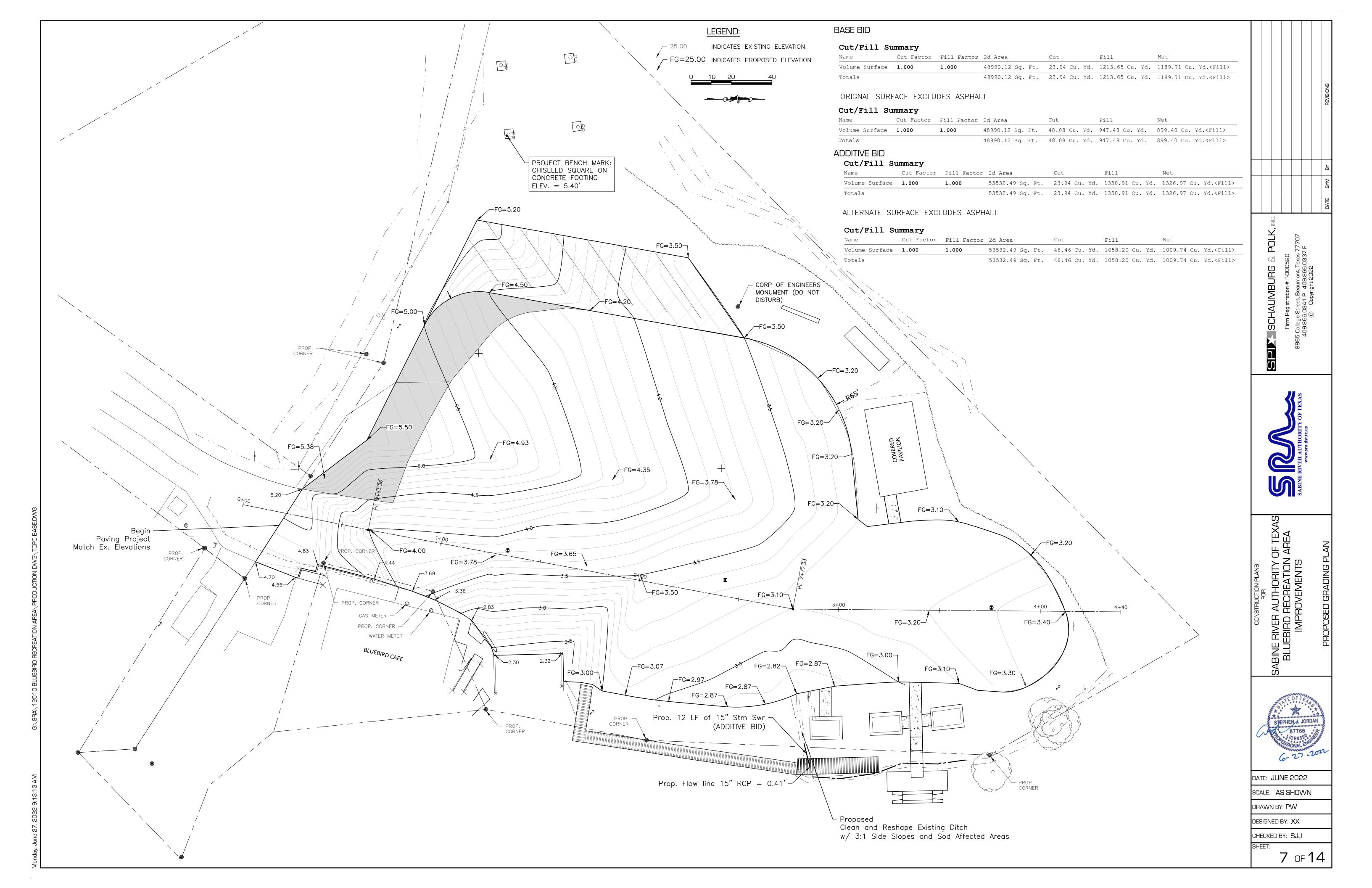


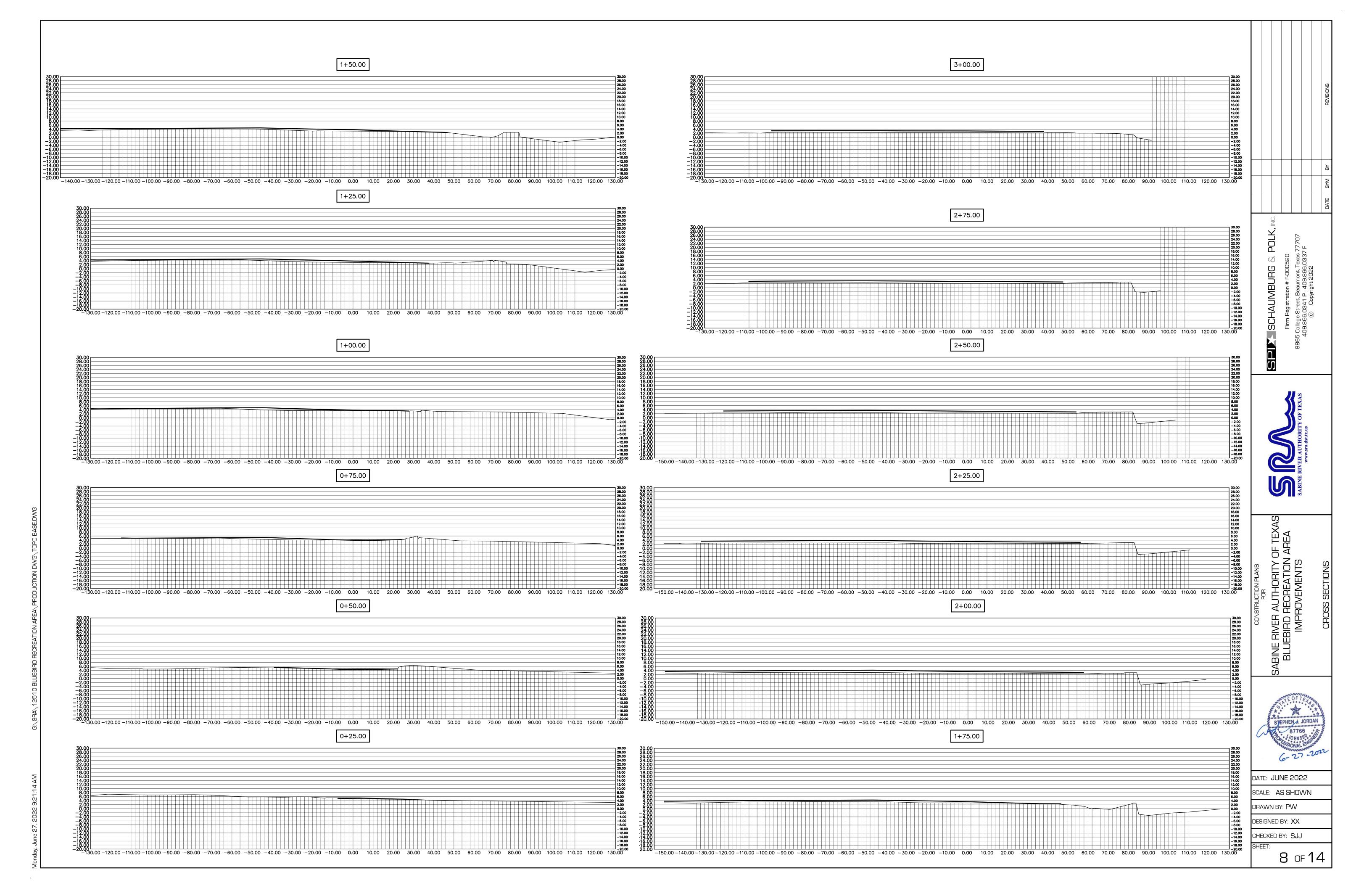
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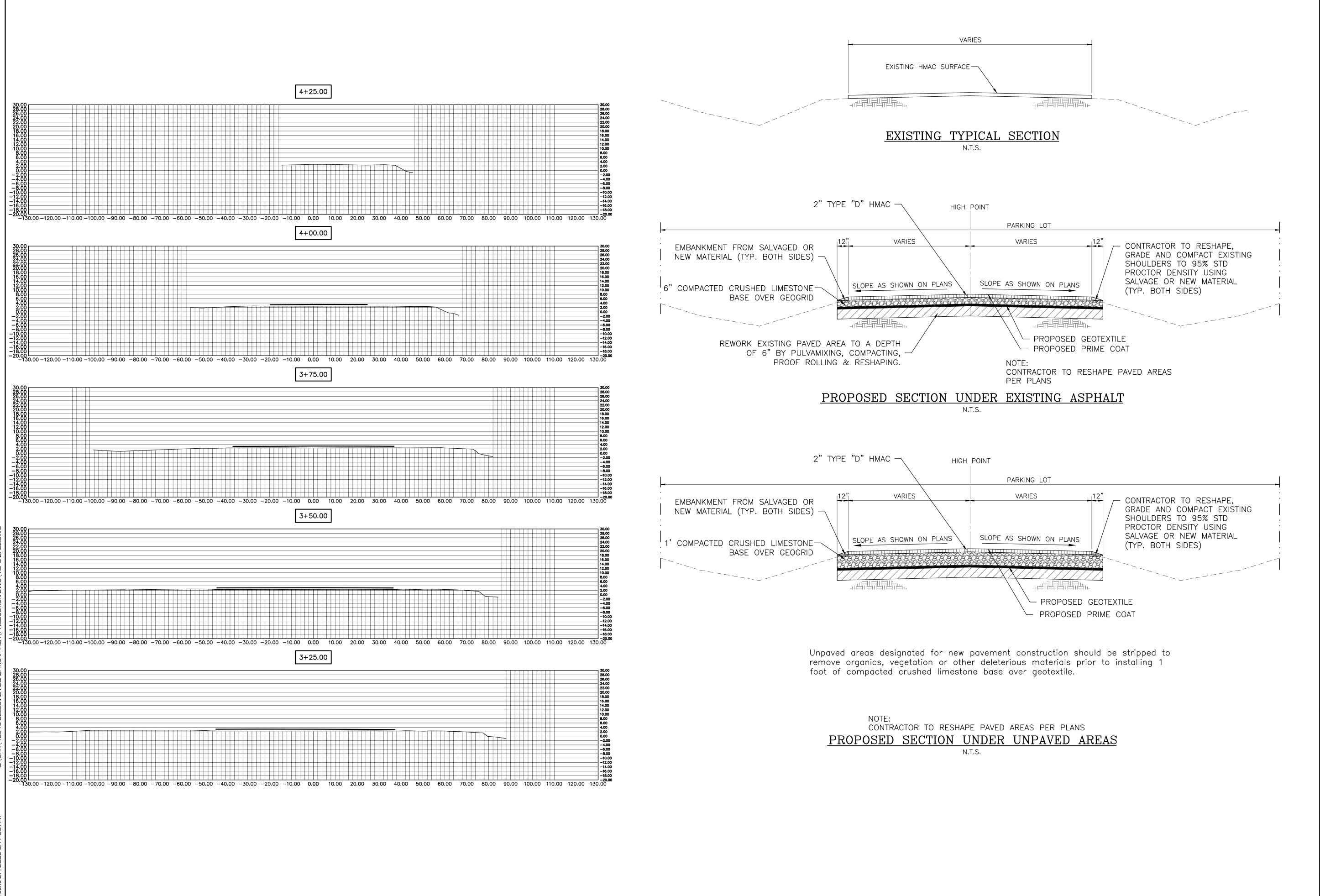
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CHECKED BY: SJJ









ABINE RIVER AUTHORITY OF TEXA BLUEBIRD RECREATION AREA IMPROVEMENTS

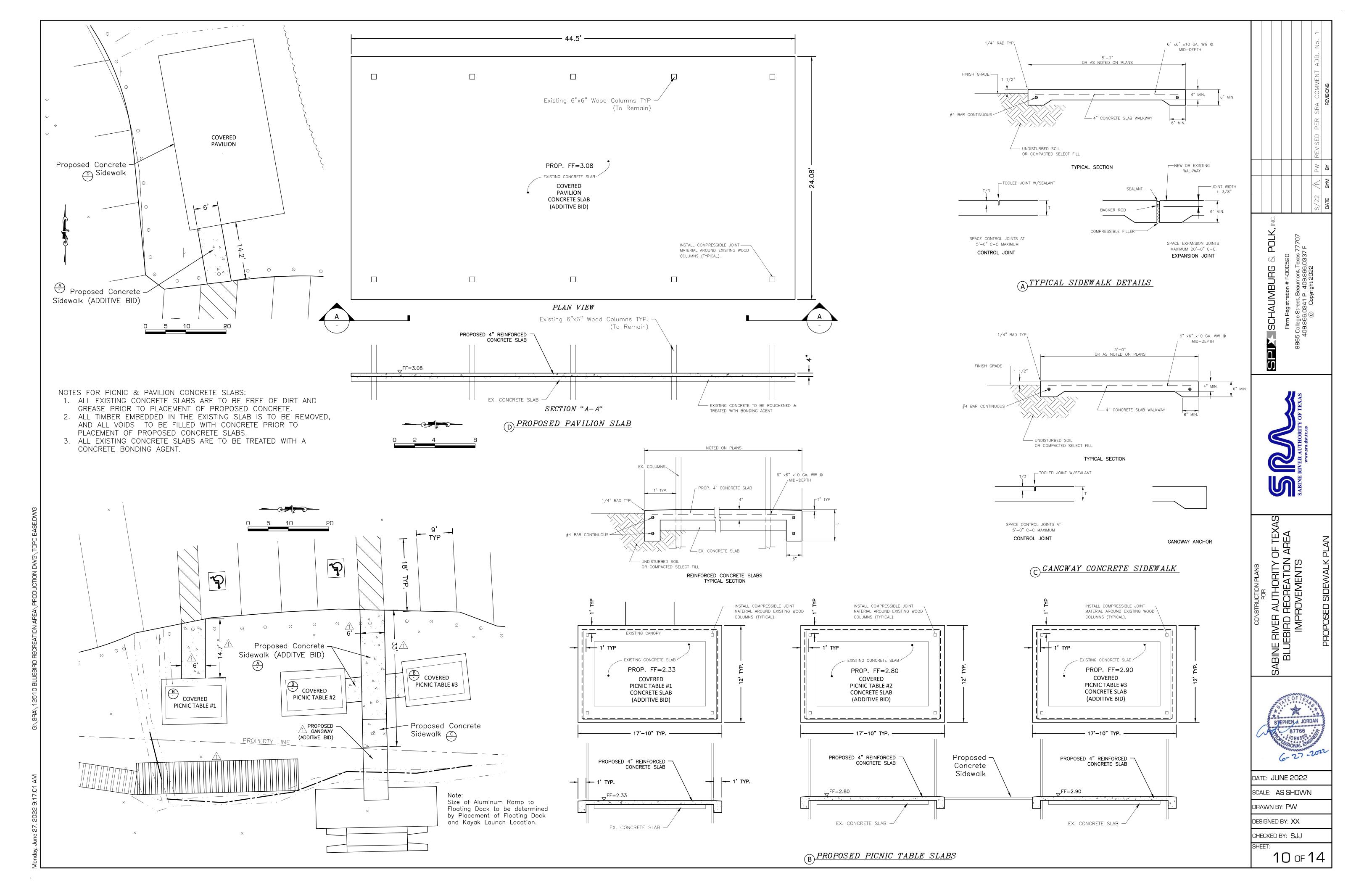


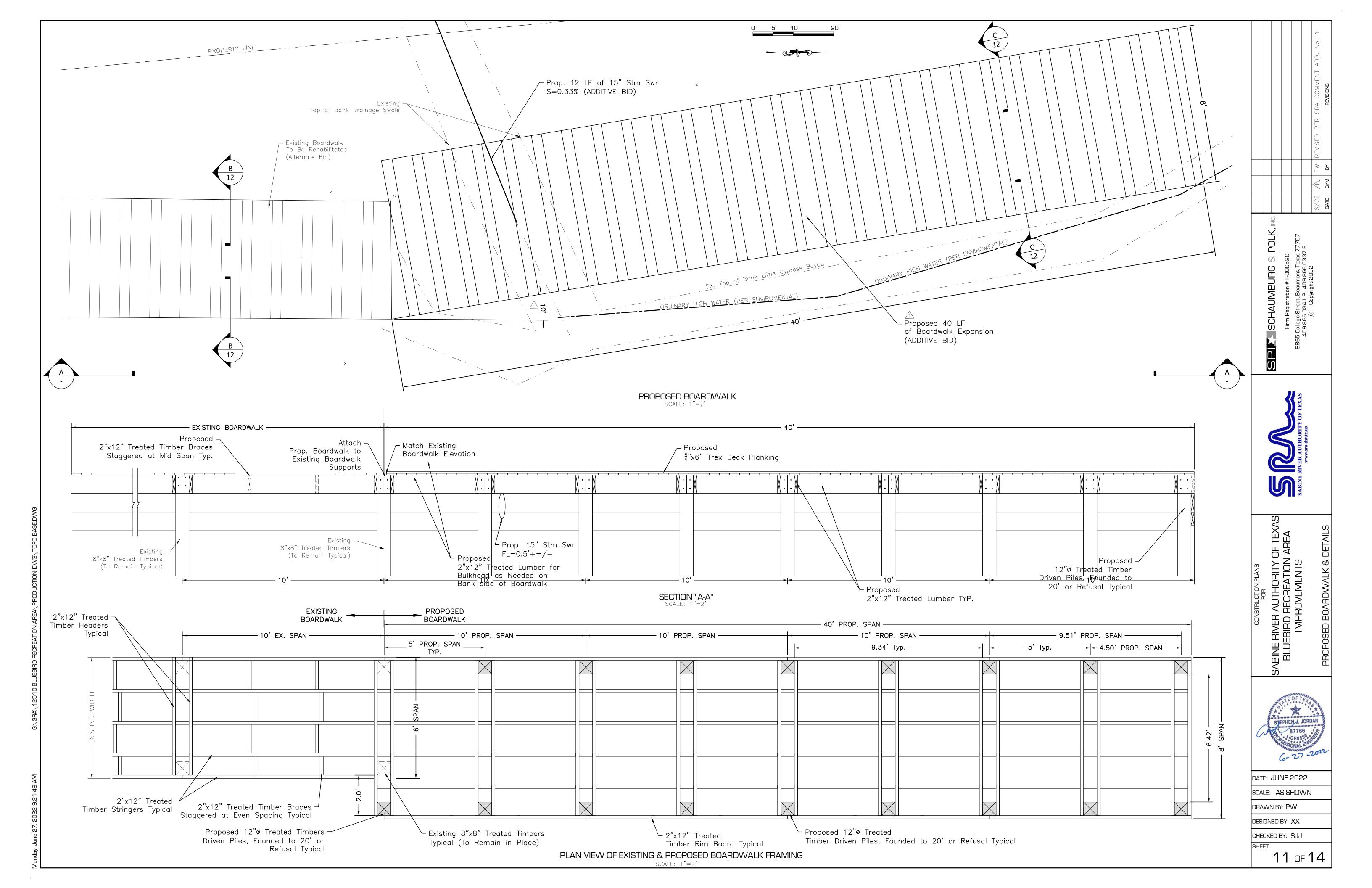
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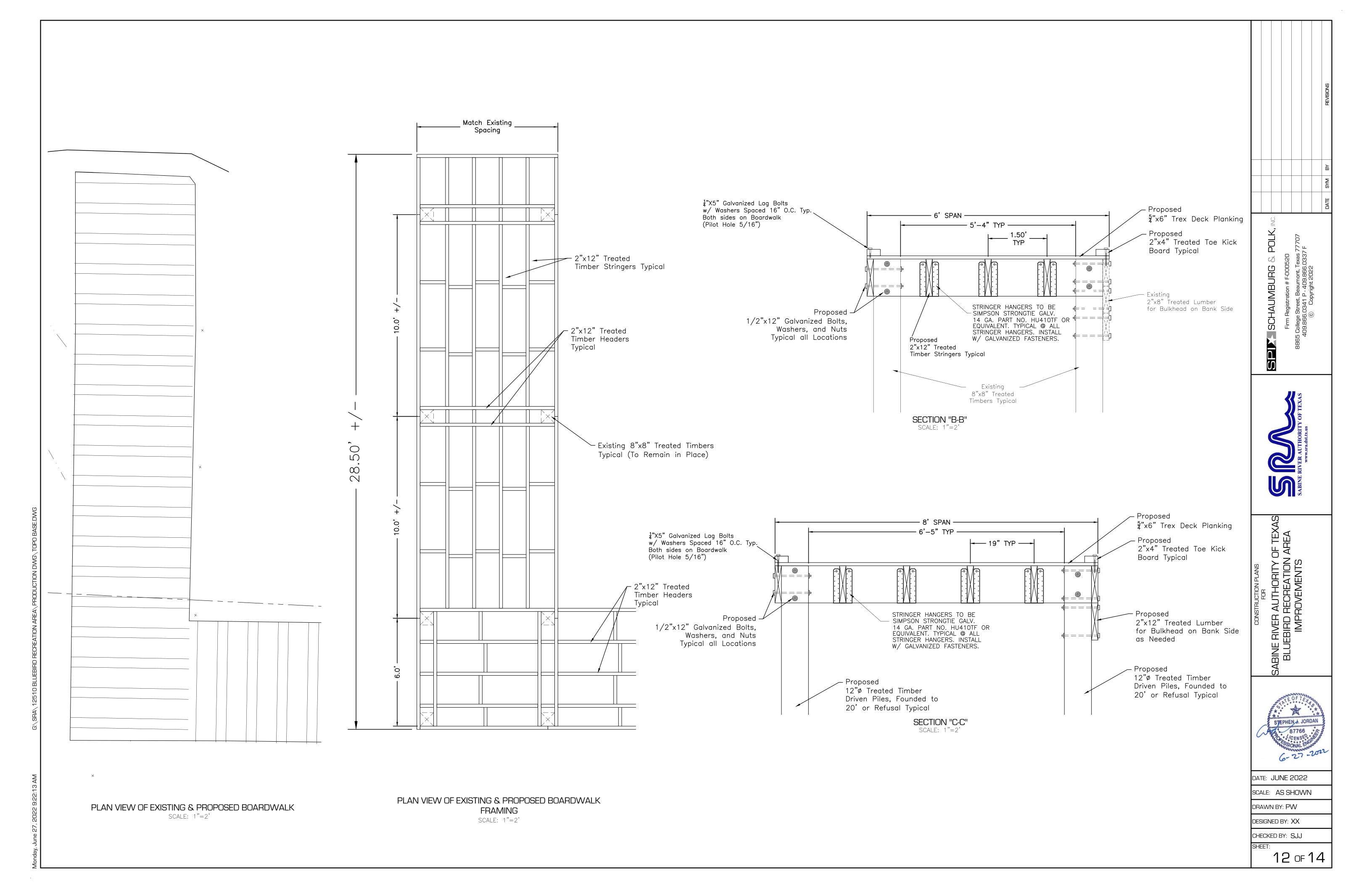
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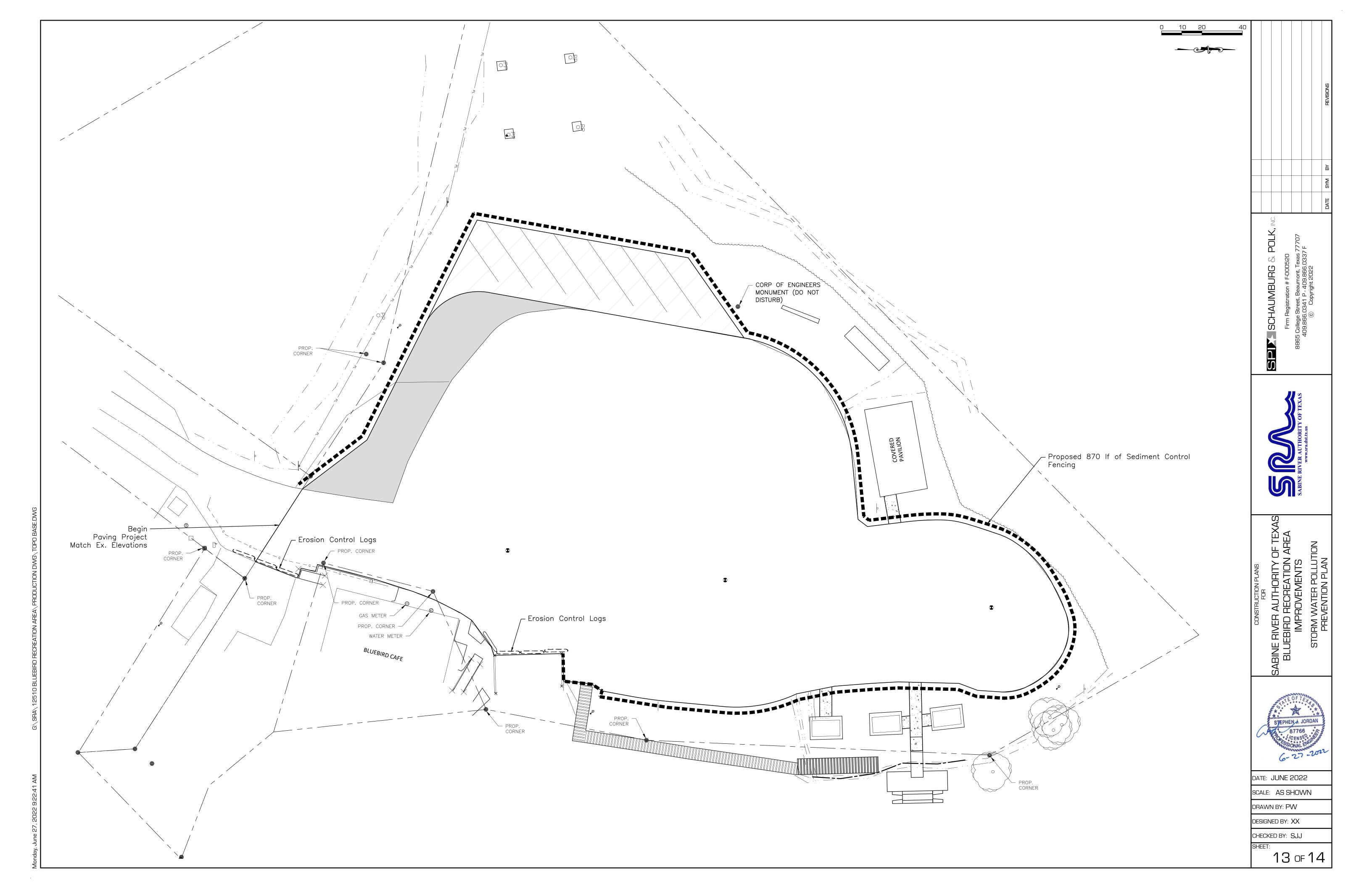
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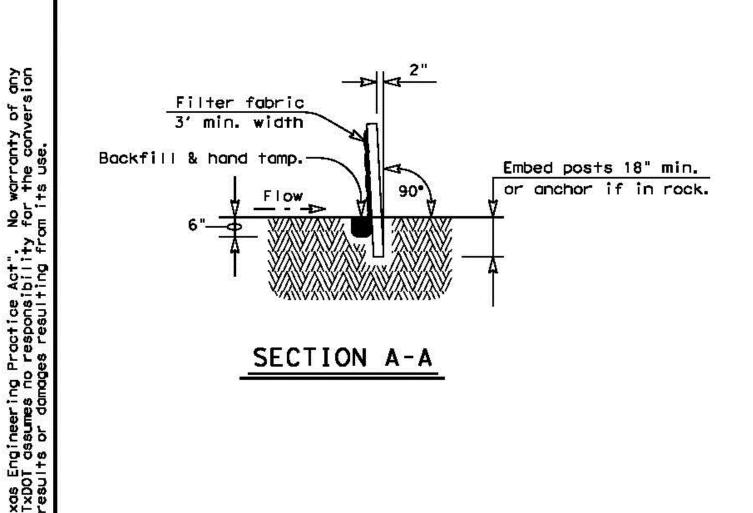
DESIGNED BY: XX CHECKED BY: SJJ











SECTION A-A

GENERAL NOTES

1. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

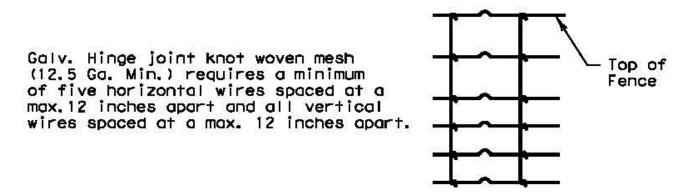
PLAN SHEET LEGEND

Sediment Control Fence -

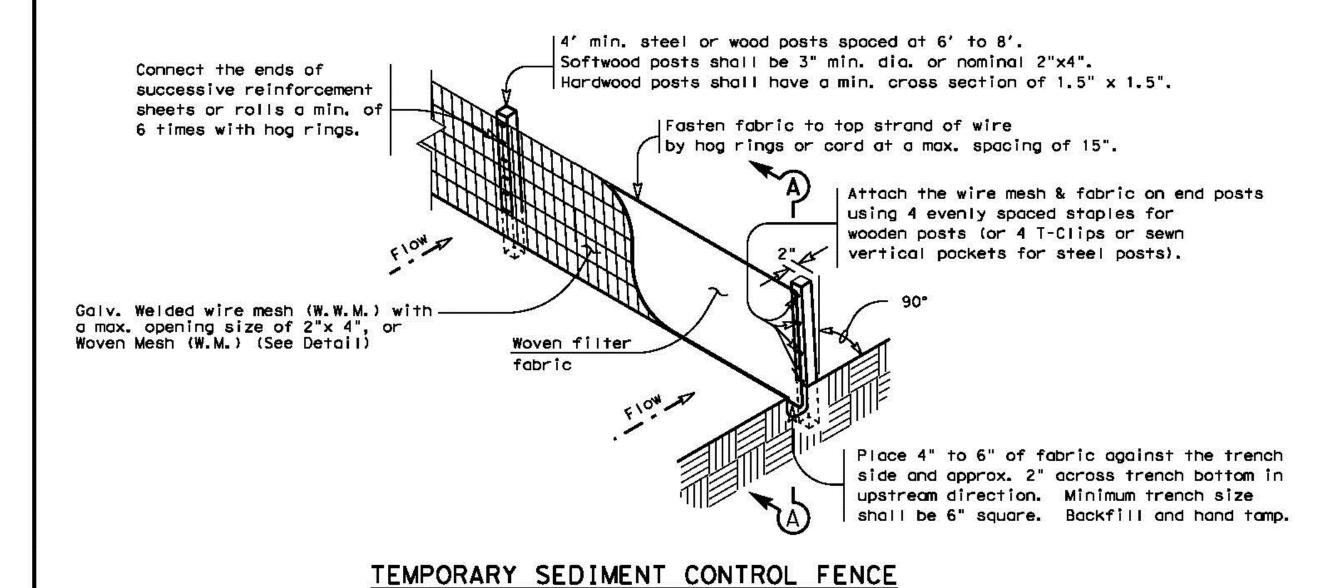
SEDIMENT CONTROL FENCE USAGE GUIDELINES

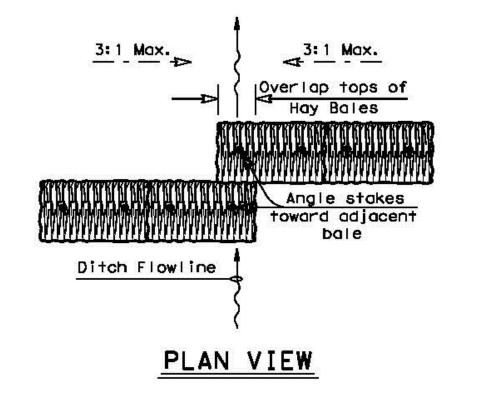
A sediment control fence may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A 2 year storm frequency may be used to calculate the flow rate to be filtered.

Sediment control fence should be sized to filter a max. flow through rate of 100 GPM/FT². Sediment control fence is not recommended to control erosion from a drainage area larger than 2 acres.



Hinge Joint Knot Woven Mesh (Option)





Angle stakes toward adjacent bale √₂ height of bale

PROFILE VIEW

PLANS SHEET LEGEND

Baled Hay — (BH)—

BALED HAY USAGE GUIDELINES

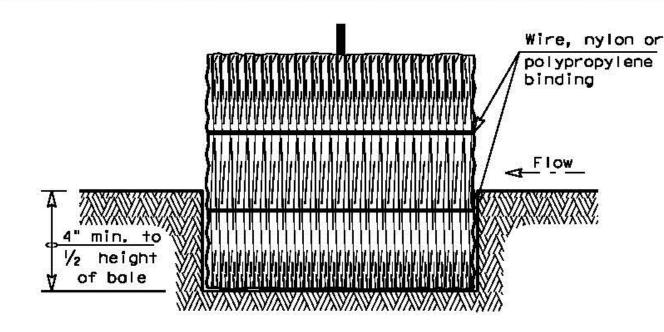
A Baled Hay installation may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A two year storm frequency may be used to calculate the flow rate to be filtered. The installation should be sized to filter a maximum flow thru rate of 5 GPM/FT² of cross sectional area. Baled hay may be used at the following locations:

- 1. Where the runoff approaching the baled hay flows over disturbed soil for less than 100'. If the slope of the disturbed soil exceeds 10%, the length of slope upstream the baled hay should be less than 50'.
- 2. Where the installation will be required for less than 3 months.
- 3. Where the contributing drainage area is less than 1/2 acre.

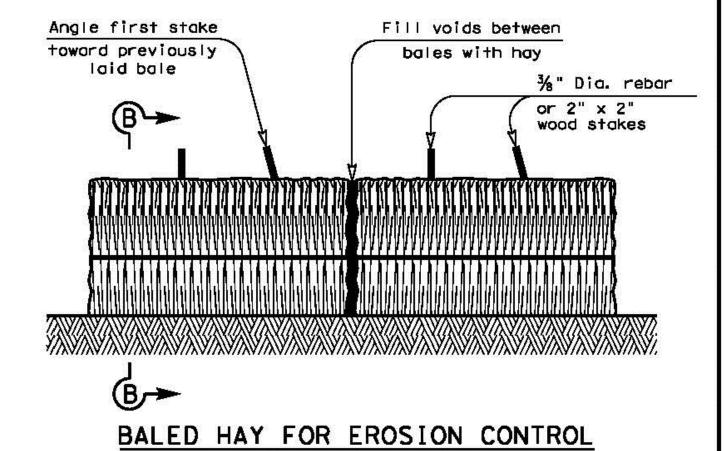
For Baled Hay installations in small ditches, the additional following considerations apply:

- 1. The ditch sideslopes should be graded as flat as possible to maximize the drainage flowrate thru the hay.
- 2. The ditch should be graded large enough to contain the overtopping drainage when sediment has filled to the top of the baled hay.

Bales should be replaced usually every 2 months or more often during wet weather when loss of structural integrity is accelerated.

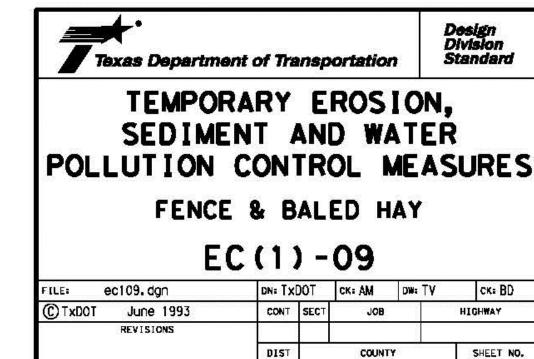


SECTION B-B



GENERAL NOTES

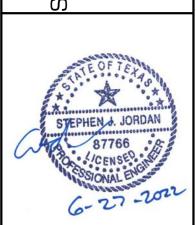
- 1. Hay bales shall be a minimum of 30" in length and weigh a minimum of 50 Lbs.
- 2. Hay bales shall be bound by either wire or nylon or polypropylene string. The bales shall be composed entirely of vegetative matter.
- 3. Hay bales shall be embedded in the soil a minimum of 4" and where possible $\frac{1}{2}$ the height of the bale.
- 4. Hay bales shall be placed in a row with ends tightly abutting the adjacent bales. The bales shall be placed with bindings parallel to the ground.
- 5. Hay bales shall be securely anchored in place with $\frac{1}{2}$ " Dia. rebar or 2" x 2" wood stakes, driven through the bales. The first stake shall be angled towards the previously laid bale to force the bales together.
- 6. The guidelines shown hereon are suggestions only and may be modified by the Engineer.







ABINE RIVER / BLUEBIRD F IMPR



DATE: JUNE 2022 SCALE: AS SHOWN

DRAWN BY: PW DESIGNED BY: XX

CHECKED BY: SJJ