AMENDMENT #3

11-10-22

Invitation for Bids (IFB) Number GC-21-WCW1Upgrade-01, 10/19/2021

Issued by Gillespie County Water Control and Improvement District #1 Fredericksburg, Texas

The above numbered IFB hereby is amended as set forth below. The hour and date specified for receipt of offers is <u>not</u> changed. Sealed bids are due by: 10:30 a.m., Tuesday, Nov. 15, 2022.

PURPOSE OF AMENDMENT

- 1. To transmit 3 revised Drawing Sheets.
- 2. To remind bidders that <u>oral</u> explanations or instructions given before the award of the contract will not be binding. See PART I, Subpart B, Instructions to Bidders, Section 6.

Offerors *must acknowledge receipt of this Amendment* <u>no later than</u> the hour and date specified in the IFB for receipt of sealed bids by <u>one</u> of the following methods:

- (1) Make appropriate notations on Exhibit A, Offer form (PART I, Subpart C, page GP-8).
- (2) Complete and return form below. Form must be mailed or hand-carried to the address designated for receipt of bids, and be made to the attention of Steve Ging, Contracting Officer, clearly noting "Acknowledgment of Receipt of Amendment No. 3, IFB No. GC-21-WCW1Upgrade-01 on the envelope. Fax, electronic, or telegraphic acknowledgments of receipt are not allowed.

ACKNOWLEDGMENT OF RECEIPT

Amendment No. 3 (11-10-22) IFB No. GC-21-WCW1Upgrade-01 (Site 1 Upgrade)

Bidder's Name:	
Bidder's Title:	
Date Signed:	
Company Name:	

Explanation for Amendment

The material specifications for Zone 1 soils have been adjusted to allow the use of soils with a liquid limit less than or equal to 85 within the core of the embankment fill as indicated on the updated typical section on Sheet C-6. The outer shell of the embankment, within the limits designated, shall consist of Zone 1 soils with a liquid limit less than or equal to 70. The material placement data table on Sheet G-2 has been updated accordingly. The borrow area limits shall be extended, if necessary. Final limits of the borrow area shall be approved by the Owner.

Revised Drawing Sheets

- DISCARD Sheet G-2 sealed 11/08/2022 (distributed via IFB Amendment #2, 11/9/22).
- INSERT attached revised Sheet G-2 sealed 11/08/2022 (IFB Amd. #2 and #3)
- DISCARD Sheet G-3 sealed 04/01/2021.
- INSERT attached revised Sheet G-3 sealed 11/10/2022 (IFB Amd. #3).
- DISCARD Sheet C-6 sealed 04/01/2021.
- INSERT attached revised Sheet C-6 sealed 11/10/2022 (IFB Amd. #3).

Attachments: Drawing Sheets G-2, G-3, and C-6 (3 revised sheets)

GENERAL NOTES

- 1. THE GENERAL NOTES AND TYPICAL DETAILS ARE GENERAL AND APPLY TO THE ENTIRE PROJECT EXCEPT WHERE THERE ARE SPECIFIC INDICATIONS TO THE CONTRARY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS, INCLUDING LOCATION AND DIMENSIONS OF ALL EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY OWNERS RESIDENT REPRESENTATIVE IF THERE IS A CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS BEFORE PROCEEDING WITH WORK.
- CONTOURS WERE OBTAINED FORM SURVEY PERFORMED IN FEBRUARY OF 2020. CONTRACTOR SHALL MAKE SITE SURVEYS AS NECESSARY FOR CONSTRUCTION AND IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION 7, CONSTRUCTION SURVEYS, HORIZONTAL DATUM IS TEXAS STATE PLANE, NAD83, CENTRAL ZONE 4203, US SURVEY FEET WITH A LOCALIZED SCALE FACTOR OF 1.00012. VERTICAL DATUM IS NAV88
- 4. THE CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO IMPROVEMENTS AND UTILITIES ALONG THE ACCESS ROUTE AND AT OR NEAR THE WORKSITE. UTILITIES MAY EXIST AND NOT BE SHOWN ON THE CONSTRUCTION DRAWINGS. THE SITE SHALL BE CAREFULLY SCRUTINIZED FOR EVIDENCE OF UTILITIES. AT A MINIMUM, PRIOR TO ANY GROUND DISTURBANCE, THE TELEPHONE NUMBER 811 SHALL BE CALLED TO ASCERTAIN IF UNDERGROUND UTILITIES EXIST IN THE GENERAL WORK AREA. CALLING THIS TELEPHONE NUMBER WILL ONLY ASCERTAIN THE EXISTENCE OF UNDERGROUND UTILITIES OWNED BY COMPANIES THAT SUBSCRIBE TO THIS ORGANIZATION. THERE MAY BE OTHER UNDERGROUND UTILITIES IN THE WORK AREA.
- THE CONTRACTOR SHALL NOTIFY THE OWNERS OF ALL UTILITIES A MINIMUM OF TEN (10) DAYS IN ADVANCE OF INTENT TO PERFORM WORK IN THE VICINITY OF THE AFFECTED UTILITY. THE NOTICE SHALL BE IN WRITING AND A COPY SHALL BE FURNISHED TO THE CONTRACTING OFFICER.
- COMPLY AND CONDUCT WORK IN ACCORDANCE WITH OWNER'S SECURITY REGULATIONS AND REQUIREMENTS. PROVIDE SITE SECURITY AS NECESSARY TO PROTECT AGAINST 6. VANDALISM AND LOSS BY THEFT.
- 7. CONTRACTOR SHALL MANAGE AND PROTECT THE WORK FROM FLOOD FLOWS, STREAM FLOWS, SURFACE WATER RUNOFF, GROUNDWATER OR ANY OTHER WATER ENCOUNTERED DURING THE PROGRESS OF THE WORK IN ACCORDANCE WITH CONSTRUCTION SPECIFICATION II, REMOVAL OF WATER.
- 8. THE APPROXIMATE LOCATIONS OF THE ACCESS ROAD(S), CONSTRUCTION CAMPSITE, SOIL STOCKPILE, BORROW AND WASTE AREAS ARE SHOWN. THE FINAL LOCATIONS OF THESE AREAS SHALL BE DESIGNATED AT THE TIME OF SHOWING OF THE WORKSITE TO PROSPECTIVE BIDDERS.
- THE AREA AROUND OVERHEAD ELECTRICAL TOWERS SHALL BE PROTECTED. PROTECTION SHALL BE PROVIDED TO ANY TOWER, POLE OR GUY STRUCTURE WHEN TRAFFIC OR 9. CONSTRUCTION ACTIVITY IS WITHIN 50 FEET OF THE STRUCTURE.
- 10. WORK UNDER THIS CONTRACT IS AUTHORIZED UNDER THE TERMS AND CONDITIONS OF THE U.S. ARMY CORPS OF ENGINEERS NATIONWIDE PERMIT 3, MAINTENANCE. SEE THE SWPPP FOR DETAILS.
- 11. CONTRACTOR SHALL FOLLOW REQUIREMENTS OF SWPPP.
- 12. CONSTRUCT THE STAGING AREAS AND VEHICLE MAINTENANCE AREAS IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.
- 13. CONSTRUCTION ACTIVITIES SHALL NOT OCCUR OUTSIDE THE DESIGNATED WORK LIMITS, UNLESS OTHERWISE AUTHORIZED.
- 14. PROVIDE PROTECTED STORAGE FOR PAINTS, CHEMICALS, SOLVENTS, AND OTHER POTENTIALLY HAZARDOUS MATERIALS.
- 15. HANDLING, STORAGE, AND DISPOSAL OF ALL WASTE MATERIAL SHALL CONFORM TO THE SWPPP.
- 16. PREVENT POLLUTION OF SURFACE WATER AND GROUNDWATER WITH PETROLEUM PRODUCTS OR OTHER HAZARDOUS OR REGULATED SUBSTANCES. TAKE SPECIAL MEASURES TO PREVENT CHEMICALS, FUELS, OILS, GREASES, HERBICIDES, AND INSECTICIDES FROM ENTERING DRAINAGE WAYS. DO NOT ALLOW WATER USED IN ON-SITE MATERIAL PROCESSING AND CLEANUP, AND OTHER WASTEWATERS TO ENTER A DRAINAGE WAY, STREAM, OR RIVER.
- 17. PROMPTLY REPAIR EQUIPMENT LEAKING OIL/HYDRAULIC FLUID/ETC. IMMEDIATELY REMOVE AND REPLACE, AS NECESSARY, ALL SOILS ON WHICH SUCH LEAKAGE OCCURRED. PREVENT THE SPREAD OF LEAKED FLUIDS OR FLUID CONTAMINATED MATERIALS FROM THE ORIGINAL LEAK AREA. BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF ALL SUCH CONTAMINATED MATERIALS.
- 18. PROVIDE SECONDARY CONTAINMENT AROUND ANY FUEL AND CHEMICAL STORAGE AREAS TO ENSURE THAT SPILLS FROM ANY SUCH AREAS DO NOT DISCHARGE FROM THE SECONDARY CONTAINMENT AREA. THE SECONDARY CONTAINMENT CAPACITY SHALL BE ADEQUATE TO CONTAIN THE CAPACITY OF THE LARGEST TANK/CONTAINER PLUS SUFFICIENT FREEBOARD TO CONTAIN PRECIPITATION.
- 19. PRECAUTIONS SHALL BE TAKEN DURING EQUIPMENT FUELING AND CHEMICAL TRANSFER OPERATIONS IN ORDER TO PREVENT SPILLS FROM OCCURRING AND TO MINIMIZE THE IMPACT OF ANY SPILL THAT DOES OCCUR. ALL FUEL AND CHEMICAL TRANSFERS SHALL BE CONTINUOUSLY MONITORED. MAINTAIN APPROPRIATE EQUIPMENT ON-SITE FOR RESPONDING TO ANY OIL OR HAZARDOUS SUBSTANCE SPILL. ADDITIONALLY THERE SHALL BE AN ON-SITE PROHIBITION AGAINST THE TOPPING OFF OF TANKS AND EQUIPMENT.
- 20. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL CONSTRUCTION ACTIVITIES, INCLUDING MATERIAL STORAGE, STAGE AREAS, AND EQUIPMENT WITHIN LIMITS OF CONSTRUCTION FOLLOWING CONSTRUCTION.
- 21. NO CONSTRUCTION FILL OR MATERIALS SHALL BE PLACED OR STORED IN AREAS NOT SPECIFICALLY DESIGNATED FOR THAT PURPOSE.
- 22. EXISTING ROADS, ACCESS DRIVES, UTILITIES AND PROPERTY WITHIN THE LIMITS OF CONSTRUCTION DAMAGED BY CONTRACTOR AND ALL DISTURBED AREAS SHALL BE REPAIRED. BY CONTRACTOR TO SAME OR BETTER CONDITION PRIOR TO END OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE, UNLESS PROVIDED FOR IN THE CONSTRUCTION SPECIFICATIONS.
- 23. THE CONTRACTOR SHALL COMPLY WITH THE SAFETY REQUIREMENTS OUTLINED IN THE NRCS SUPPLEMENT TO OSHA STANDARDS PART 1910 AND 1926, FOUND IN NEH PART 645 APPENDIX F.

				MATER	IAL PLACEME	ENT DATA							
ZONE	MATERIAL CLASSIFICATION	MATERIAL SOURCE	PLACEMENT LOCATION		PLASTICITY INDEX	PERCENT PASSING	MAXIMUM PARTICLE SIZE	MAXIMU M LOOSE LIFT	MOIS DENSIT		MINIMUM PERCENT COMPACTION	MOIS LIN	TURE IITS
1	CL/CH	REQUIRED EXCAVATIONS AND ONSITE BORROW	EMBANKMENT/EXISTING	C-6	50 €	≥50 x	2"	8"	ASTM D698	A	95%	-1%	+3 %
2	CL	IMPORTED FILL	BACKFILL MATERIAL	<50	≤ 35	> 50	2"	8"	ASTM D698	А	95%	-1%	+3 %
3	CRUSHED STONE (FLEXIBLE BASE)	IMPORTED FILL	BELOW IMPACT BASIN			SEE NOTE	5		ASTM D1557	С	100%	-3%	+1 %
4	BELOW INLET RISER												
 ONLY MATERIALS FOR ZONE 1 SHALL BE OBTAINED FROM REQUIRED SITE EXCAVATIONS. ADDITIONAL MATERIAL, IF REQUIRED, WILL COME FROM THE APPROVED BORROW AREAS DESIGNATED ON THE DRAWINGS. THE SOIL MATERIALS EXCAVATED FROM THE EMBANKMENT (FROM ANY GIVEN LOCATION) SHALL BE REPLACED WITH LIKE MATERIALS, UNLESS OTHERWISE INDICATED. CONDUCT SUCH FIELD TESTS DEEMED NECESSARY AS CONSTRUCTION PROGRESSES ON MATERIALS BEING EXCAVATED TO IDENTIFY DISPERSIVE SOILS. MATERIALS THAT TEST TO BE 													
1.		ΙΔΤΕΝΙΟΤ ΒΕ ΕΙΚΕΝΤΟ Γ	```````````````````````````````````````	MENT ZON	F								
5.	ASTM D1557 FOR DETE	NE SHALL COMPLY WIT RMINING THE MOISTU	'H TXDOT 2014 STD. SPEC. I JRE DENSITY CHARACTERIS VARIES BASED ON PLACEN	TEM 247- F TICS OF CR	LEXIBLE BAS			TXDOT TEX-1	.13E MAY	BE USED	AS AN ALTERNAT	IVE MET	
5. 6.	ZONE 3 CRUSHED STOP ASTM D1557 FOR DETE COMPACTION REQUIR ZONE 4 FREE-DRAININ	NE SHALL COMPLY WIT RMINING THE MOISTU EMENTS FOR ZONES 3 G FILL SHALL BE ASTM	H TXDOT 2014 STD. SPEC. I IRE DENSITY CHARACTERIS	TEM 247- F TICS OF CR /IENT LOCA 5, NO. 56 N	ELEXIBLE BAS RUSHED STON ATION. MATERIALS O	IE (FLEXIBL	E BASE). ED EQUIVALEN	IT.					

GEOTECHNICAL BORING NOTES:

PARTIAL GEOTECHNICAL BORING LOGS AND EXISTING SOIL DESCRIPTIONS ARE INCLUDED IN THESE DRAWINGS FOR INFORMATION ONLY. ANY REPRESENTATION OF THE SOILS AND FOUNDATION CONDITIONS SHOWN IN THESE DRAWINGS SHOULD BE CONSIDERED PARTIAL, INCOMPLETE, AND NOT PART OF THE CONTRACT DOCUMENTS. ADDITIONAL GEOTECHNICAL DATA MAY BE FOUND IN A SEPARATE GEOTECHNICAL DATA REPORT. THIS SEPARATE DOCUMENT IS ALSO NO PART OF THE CONTRACT DOCUMENTS. THE GEOTECHNICAL DATA REPORT REPRESENTS DATA THAT WAS CONSIDERED SUFFICIENT FOR DESIGN, BUT MAY NOT BE SUFFICIENT FOR CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR DETERMINING SUBSURFACE CONDITIONS TO A DEGREE NECESSARY TO SUBMIT THE ASSOCIATED BID ITEMS AND MAY USE THE PROVIDED INFORMATION AT THEIR OWN RISK. REFER TO THE GEOLOGIC INVESTIGATION REPORT FOR DETERMINATIONS OF SOIL AND ROCK PROFILE ELEVATIONS AND BORING LOGS. THE REPORT IS AND IT'S FINDING ARE A REPRESENTATION OF THE SUBSURFACE BASED ON CURRENT PRACTICE FOR GEOTECHNICAL INVESTIGATION AND TESTING. ACTUAL FIELD CONDITIONS MAY VARY.

ROCK RIPRAP GRADATIONS

A ROCK RIPRAP FOR THE ROCK LINED OUTLET SHALL MEET THE GRADATION REQUIREMENTS ✓ OF ASTM D6092 FOR R-60 ROCK RIPRAP. IT IS ESTIMATED THAT 1,521 TONS OF R-60 ROCK RIPRAP WILL BE REQUIRED TO COMPLETE THE ROCK LINED OUTLET. ROCK RIPRAP FOR THE ROCK LINED WAVE BERM SHALL MEET THE GRADATION REQUIREMENTS OF ASTM D6092 FOR R-60 ROCK RIPRAP. IT IS ESTIMATED THAT 2,619 TONS OF R-60 ROCK RIPRAP WILL BE REQUIRED TO COMPLETE THE WAVE BERM.

ALL ROCK RIPRAP SHALL COMPLY WITH CONSTRUCTION SPECIFICATION 61, AND MATERIAL SPECIFICATION 523.

SPALLS AND ROCK DUST THAT PASS A 3" SIEVE SHALL CONSIST OF LESS THAN 5 PERCENT BY WEIGHT.

ROCK PLACED AGAINST RCC AND CONCRETE WORKS SHALL BE PLACED CAREFULLY TO AVOID DAMAGE.

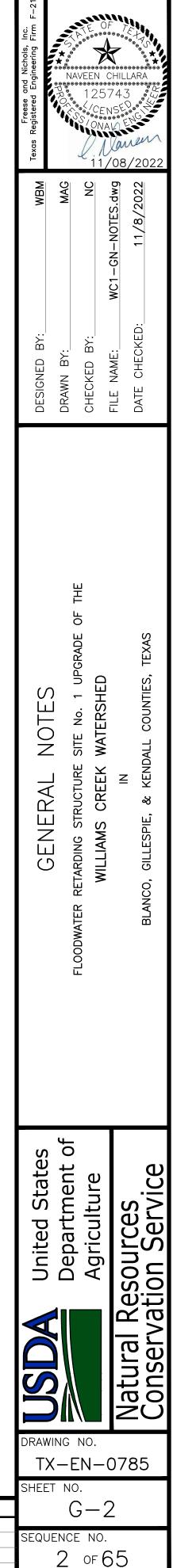
ROCK RIPRAP (R-60):

% PASSING	ROCK DIAN	IETER (IN.)	WEIGHT OF	ROCK (LBS)
% FASSING	MIN.	MAX.	MIN.	MAX.
100	11.1	15.1	60	150
50	8.8	11.1	30	60
15	6.1	8.8	10	30
0	_	6.1	_	10

DRAINFILL AND FILTER GRADATIONS

THE DRAINFILL MATERIALS FOR THE FOUNDATION DRAIN SHALL MEET THE FOLLOWING CRITERIA UNLESS OTHERWISE SPECIFIED IN CONSTRUCTION SPECIFICATION 24: COARSE – ASTM C33 #89 COARSE AGGREGATE FINE - ASTM C33 FINE AGGREGATE WITH A MODIFIED GRADATION MEETING THE FOLLOWING:

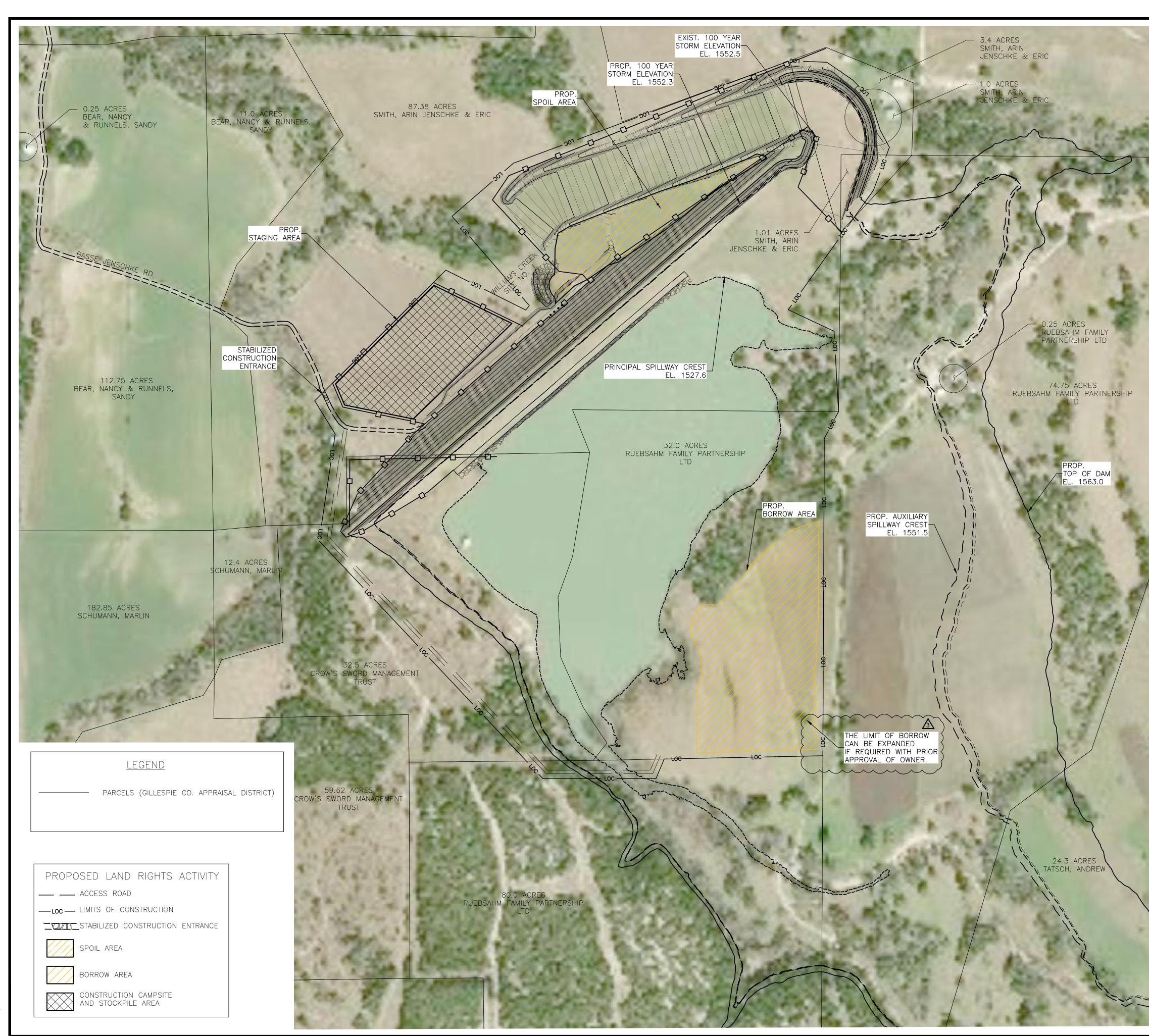
MATERIAL:	FINE FILTER (FIRST STAGE)
SIEVE	PERCENT PASSING
3/8 IN.	100
NO. 4	90-100
NO. 8	75-100
NO. 16	55-85
NO. 30	35–65
NO. 50	15–45
NO. 100	0-25
NO. 200	0-3





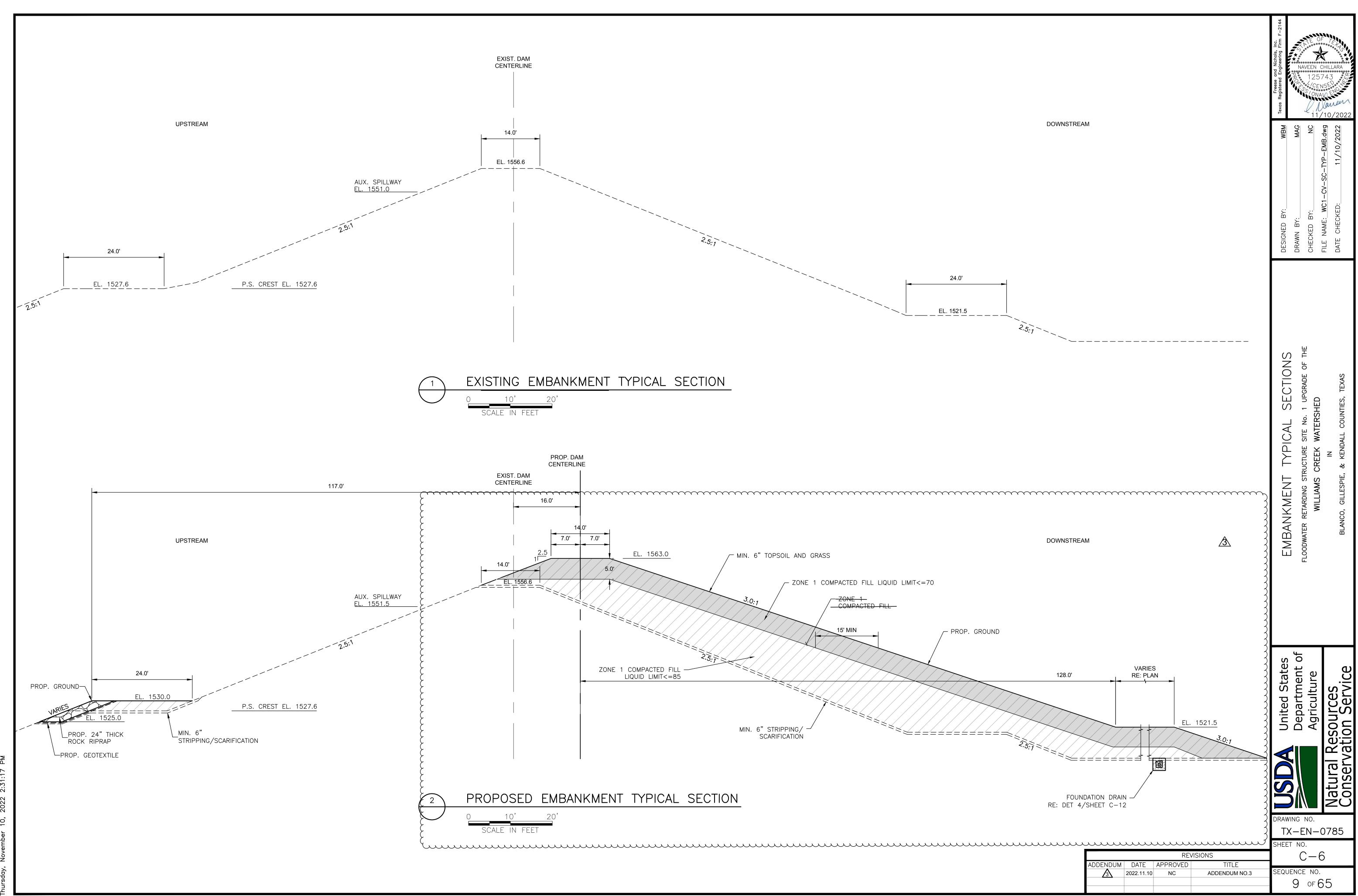
CALL BEFC	RE YOU DIG!				
* Texas 811	Participants request 48 Hours notice before you dig, Drill, or blast – stop and call				
Know what's below. Call before you dig.	811				
THE LONE STAR NOTIFICATION COMPANY AT 1–800–669–8344					

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