

CONSTRUCTION PLANS FOR SOUTH PADRE ISLAND WIND & WATER SPORTS PARK CITY OF SOUTH PADRE ISLAND, TEXAS

Prepared for:
CITY OF SOUTH PADRE ISLAND

FEBRUARY 2026

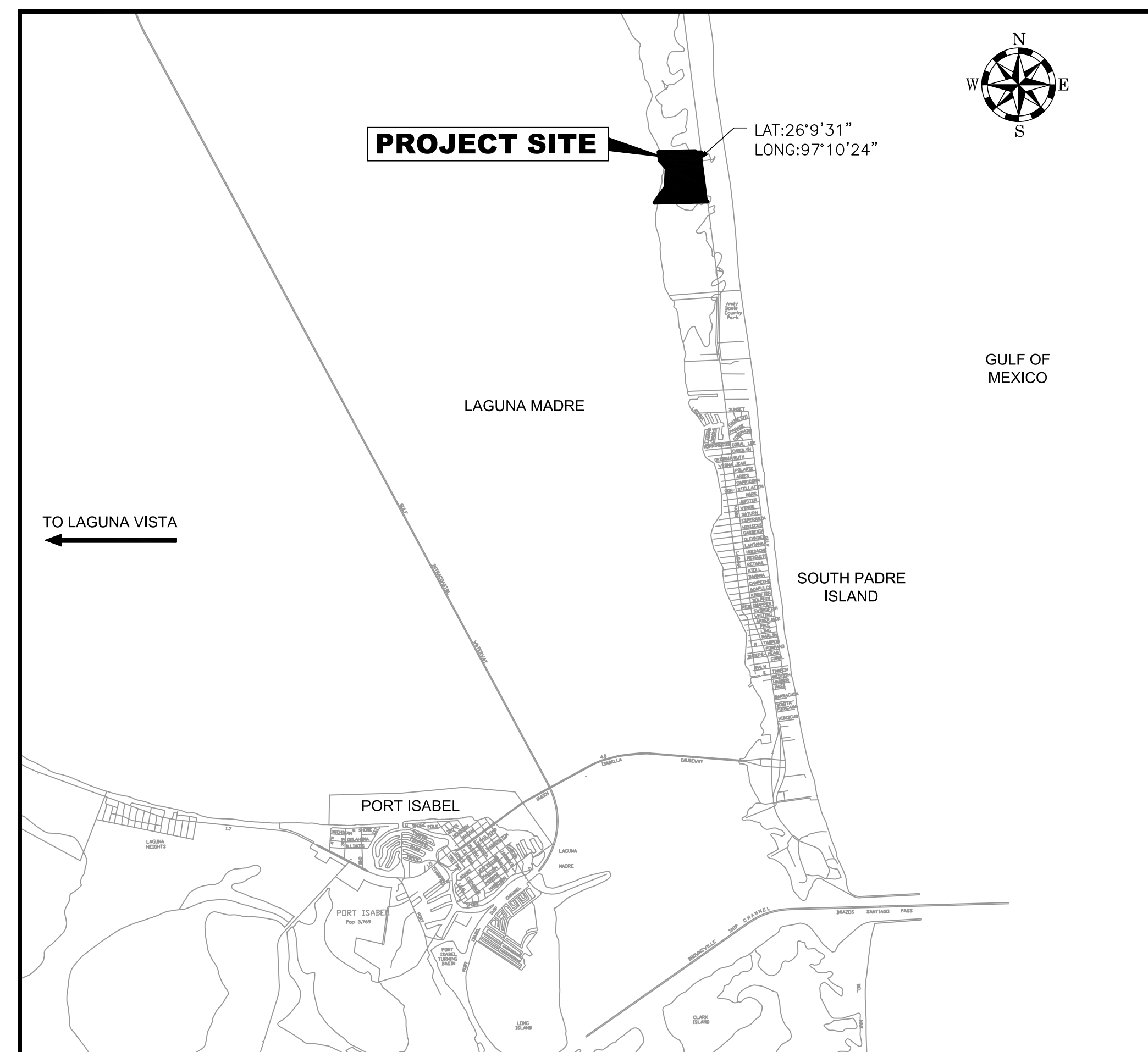


CITY COUNCIL

PATRICK McNULTY.....	MAYOR
REES LANGSTON	MAYOR PRO-TEM
KEN MEDDERS, JR.....	COUNCIL MEMBER
JOE RICCO.....	COUNCIL MEMBER
LISA GRAVES	COUNCIL MEMBER
AARIN HARTWELL	COUNCIL MEMBER

CITY ADMINISTRATION

RANDY SMITH.....	CITY MANAGER
CARLOS A. SANCHEZ, P.E.....	PUBLIC WORKS DIRECTOR
ANGELIQUE SOTO.....	CITY SECRETARY
KRISTINA BOBURKA.....	SHORELINE DIRECTOR



VICINITY MAP

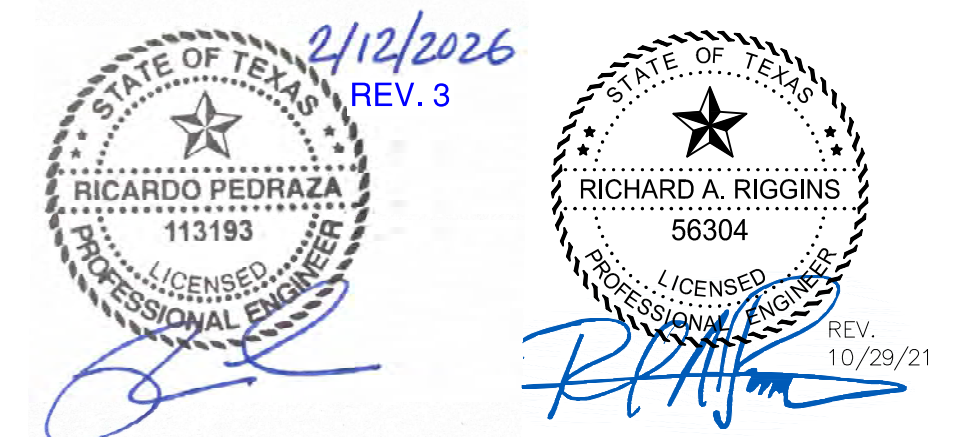
CITY OF SOUTH PADRE ISLAND VICINITY MAP
CAMERON COUNTY
SCALE: 1" = 5000'

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NOTICE: THIS PAGE DOES NOT CONTAIN ALL PROJECT NOTES OR PROJECT REQUIREMENTS. THIS PAGE MAY CONTAIN NOTES THAT ARE NOT PERTINENT TO THE PROJECT BUT ARE INCLUDED FOR REFERENCE. IT WILL BE THE RESPONSIBILITY OF ALL CONTRACTORS WORKING ON THIS PROJECT TO BE KNOWLEDGEABLE WITH ALL PROJECT CONTRACT DOCUMENTS, WHICH INCLUDES BUT NOT LIMITED TO THE PROJECT GENERAL REQUIREMENTS, SPECIFICATIONS, AND DRAWINGS. ANY AND ALL COSTS RELATED TO THE CONTRACTOR FAILURE OF BEING KNOWLEDGEABLE WITH THE CONTRACT DOCUMENTS WILL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.

GENERAL

- LISTED BELOW ARE SOME KEY AGENCIES, OR DEPARTMENTS WHO MAY NEED TO BE CONTACTED THROUGHOUT THE DURATION OF THIS PROJECT.

DIG TESS	1-800-344-8377
TEXAS ONE CALL SYSTEM	1-800-245-4545
TEXAS EXCAVATION SAFETY SYSTEM	1-800-344-8377
LONE STAR NOTIFICATION COMPANY	1-800-669-8344
SOUTHWESTERN BELL LOCATE GROUP	1-800-828-5127
CITY OF SOUTH PADRE ISLAND	1-956-761-6456
LAGUNA MADRE WATER DISTRICT	1-956-943-2626
TEXAS GENERAL LAND OFFICE	1-512-463-5001
U.S. ARMY CORPS OF ENGINEERING (USACE)	1-956-546-2456

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL APPROPRIATE UTILITY COMPANIES, 48 HOURS PRIOR TO ACTUAL CONSTRUCTION FOR THE EXACT LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY RESIDENTIAL/BUSINESS OWNERS, AND STATE/LOCAL OFFICIALS (WHEN APPLICABLE) OF PROPOSED CONSTRUCTION IN FRONT OF THE RESPECTIVE PROPERTIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THE EXCAVATORS NEED TO CONTACT A NOTIFICATION CENTER 48 HOURS PRIOR TO EXCAVATING, EXCEPT IN CASE OF AN EMERGENCY. THE NOTIFICATION CENTER TELEPHONE NUMBER IS 1-800-245-4545.
- A MINIMUM OF ONE (1) COPY OF THE LATEST VERSION OR EDITION OF THE FOLLOWING, BUT NOT LIMITED TO, MUST BE ON THE PROJECT SITE WHEN CONSTRUCTION IS IN PROGRESS:
 - CONTRACT DOCUMENTS AND SPECIFICATIONS,
 - ALL CONSTRUCTION DRAWINGS,
 - ALL REQUIRED PERMITS,
 - ALL REQUIRED LOCAL, STATE, AND FEDERAL DOCUMENTS.
- ALL WORK ON THIS PROJECT WILL BE REQUIRED TO BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE DRAWINGS, INDUSTRY STANDARDS, ALL PERMITS, AND ALL LAWS AND REGULATIONS.
 - IN THE EVENT THAT A REGULATION, SPECIFICATION, DETAIL, NOTE, OR OTHER REQUIREMENT IS IN CONFLICT WITH ANOTHER REGULATION, SPECIFICATION, DETAIL, NOTE, OR OTHER REQUIREMENT, THE MOST STRINGENT SHALL BE APPLICABLE, UNLESS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- NOTICE: THE CONTRACTOR SHALL KNOW THE ACTUAL SITE CONDITIONS AND SHALL BE RESPONSIBLE FOR FURNISHING A COMPLETED PROJECT AS REPRESENTED IN THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND IN THE DRAWINGS. HIGH TIDE LINE IS AT 2.3' FOR PROJECT.
- IF AT ANY POINT THAT SOMETHING IS NOT CLEAR FOR WHAT IS BEING REPRESENTED WITHIN THIS SET OF DRAWINGS, THE GENERAL CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING CONDITIONS AND PROPOSED CONDITIONS, SHALL PERFORM FIELD MEASUREMENTS PRIOR TO CONSTRUCTION, FABRICATION, AND/OR PURCHASE OF ANY MATERIAL, AND SHALL CONTACT, PRIOR TO ORDERING MATERIALS, THE OWNER'S REPRESENTATIVE SHOULD CONDITIONS BE DIFFERENT FROM THE CONTRACT DOCUMENTS, SPECIFICATIONS, AND/OR THE DRAWINGS FOR THIS PROJECT.
 - THE CONTRACTOR SHALL FIELD VERIFY BENCHMARK AND CONTROL POINT ELEVATION(S) PRIOR TO COMMENCING ANY CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION WITHIN THE DRAWINGS.
 - CONFLICTS ARISING DUE TO LACK OF COORDINATION AND VERIFICATION SHALL BE THE RESPONSIBILITY AND AT THE SOLE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL NECESSARY CONSTRUCTION PERMITS AND CLEARANCES PRIOR TO COMMENCING CONSTRUCTION AND ANY FEES ASSOCIATED WITH THE PERMIT SHALL BE INCLUDED WITHIN THE BID ITEM(S) REQUIRING THE PERMIT.
- THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITY TO WITHIN THE LIMITS OF CONSTRUCTION (LOC) AS INDICATED WITHIN THE DRAWINGS INCLUDING, BUT NOT LIMITED TO, JOB SITE FACILITIES, STAGING AREAS, STOCKPILES, EQUIPMENT, ETC., UNLESS PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE IS GIVEN.
 - ANY CONSTRUCTION ACTIVITIES BEYOND THE CONSTRUCTION LIMITS SHALL BE PRE-APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING.
 - IF WORK IS DONE BEYOND THE CONSTRUCTION LIMITS WITHOUT APPROVAL, THAT WORK MAY BE SUBJECT TO GETTING REJECTED FOR A CLAIM FOR ADDITIONAL WORK BASED ON NOT OBTAINING PRIOR AUTHORIZATION.
- ALL QUANTITIES INDICATED WITHIN THE DRAWINGS ARE APPROXIMATE AND FOR REFERENCE USE; NOT ALL MATERIALS REQUIRED TO CONSTRUCT THE PROJECT MAY BE INDICATED AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE ALL MATERIALS AND APPURTENANCES TO CONSTRUCT THE PROJECT WITHIN THE AMOUNT BID.
- A SEQUENCE OF CONSTRUCTION SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CHANGES TO THE SEQUENCE SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
 - THE CONTRACTOR SHALL NOT BE PERMITTED TO COMMENCE WORK ON THE PROJECT BEFORE SUNRISE AND SHALL ARRANGE THE WORK SO THAT IT IS COMPLETED BY SUNSET, UNLESS OTHERWISE INDICATED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES, MARKS, ETC. UNTIL FURTHER USE OF THE STAKES, MARKS, ETC. ARE NOT NEEDED.
 - ANYTIME THAT CONSTRUCTION STAKES, MARKS, ETC. ARE TO BE REPLACED DUE TO BEING DAMAGED, DESTROYED, OR REMOVED AFTER PLACEMENT, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH REPLACEMENT.
- INDEMNIFICATION TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAWS AND REGULATIONS, CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS OWNER, ENGINEER, ENGINEER'S SUB CONSULTANTS AND THE OFFICERS, DIRECTORS, EMPLOYEES, AGENTS AND OTHER CONSULTANTS OF EACH AND ANY OF THEM FROM AND AGAINST ALL CLAIMS, COSTS, LOSSES AND DAMAGES (INCLUDING BUT NOT LIMITED TO ALL FEES AND CHARGES OR ENGINEERS, ARCHITECTS, ATTORNEYS AND OTHER PROFESSIONALS AND ALL COURT OR ARBITRATION OR OTHER DISPUTE RESOLUTION COSTS) CAUSED BY, ARISING OUT OF, OR RESULTING FROM THE PERFORMANCE OF THE WORK, PROVIDED THAT ANY SUCH CLAIM, COST, LOSS OR DAMAGE: (I) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF), INCLUDING THE LOSS OF USE RESULTING THEREFROM, AND (II) IS CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION OF CONTRACTOR, ANY SUBCONTRACTOR, ANY SUPPLIER, ANY PERSON OR ORGANIZATION DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM TO PERFORM OR FURNISH ANY OF THE WORK OR ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT CAUSED IN PART BY ANY NEGLIGENCE OR OMISSION OF A PERSON OR ENTITY INDEMNIFIED HEREUNDER OR WHETHER LIABILITY IS IMPOSED UPON SUCH INDEMNIFIED PARTY BY LAWS AND REGULATIONS REGARDLESS OF THE NEGLIGENCE OF ANY SUCH PERSON OR ENTITY, CLAIMS, COSTS, LOSSES, DAMAGES, SUITS AND CAUSES OF ACTION, ANY AND ALL LIABILITY, COSTS, EXPENSES, SETTLEMENTS, DAMAGES AND JUDGMENTS INCURRED IN CONNECTION THEREWITH (INCLUDING BUT NOT LIMITED TO ALL FEES, FAULT, BREACH OR CONTRACT OR WARRANTY, VIOLATION OF THE PROFESSIONALS AND ALL COURT OR ARBITRATION OR OTHER DISPUTES RESOLUTION COSTS) WHETHER ARISING IN EQUITY, AT COMMON LAW, OR BY STATUTE, INCLUDING THE TEXAS DECEPTIVE TRADE PRACTICES ACT OR SIMILAR STATUTE OF OTHER JURISDICTIONS, OR UNDER THE LAW OF CONTRACTS, TORTS (INCLUDING WITHOUT LIMITATION, NEGLIGENCE AND STRICT LIABILITY WITHOUT REGARD TO FAULT) OR PROPERTY, OF EVERY KIND OR CHARACTER? (III) IS CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION, OTHER AND CHARGES OF ENGINEERS, ARCHITECTS, ATTORNEYS, AND OTHER TEXAS DECEPTIVE TRADE PRACTICES ACT, OR STRICT LIABILITY WITHOUT REGARD TO FAULT OF CONTRACTOR? REGARDLESS OF WHETHER OR NOT CAUSED IN PART BY ANY NEGLIGENCE OR OMISSION, OTHER FAULT, BREACH OF CONTRACT OR WARRANTY, VIOLATION OF THE TEXAS DECEPTIVE TRADE PRACTICES ACT, OR STRICT LIABILITY WITHOUT REGARD TO FAULT OF A PERSON OR ENTITY INDEMNIFIED HEREUNDER? CONTRACTOR'S OBLIGATIONS OF INDEMNIFICATION UNDER THIS PARAGRAPH 6.20.1 SHALL NOT BE LIMITED BY THE AMOUNT OF ANY INSURANCE.

LOCATION AND PROTECTION OF EXISTING UTILITIES, STRUCTURES, DITCHES, ROADS, AND OTHER IMPROVEMENTS

NOTICE: THE LOCATION OF EXISTING ABOVE GROUND UTILITIES, UNDERGROUND FACILITIES, STRUCTURES, DITCHES, ROADS, AND OTHER IMPROVEMENTS WITHIN THE DRAWINGS ARE APPROXIMATE IN BOTH HORIZONTAL AND VERTICAL LOCATION(S) AND NOT ALL EXISTING ABOVE GROUND UTILITIES, UNDERGROUND FACILITIES, STRUCTURES, DITCHES, ROADS, AND OTHER IMPROVEMENTS WITHIN AND ADJACENT TO THE SITE MAY BE INDICATED ON THE DRAWINGS. THE OWNER AND THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA AND THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION FOR THE SAFETY AND PROTECTION THEREOF AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK; THE COST OF ALL OF WHICH WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE.

- IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL APPROPRIATE PUBLIC AND PRIVATE UTILITY COMPANIES, BY ALL MEANS POSSIBLE, PRIOR TO COMMENCING CONSTRUCTION TO DETERMINE UTILITY LOCATION(S) WITHIN AND ADJACENT TO THE PROJECT SITE.
- THE CONTRACTOR(S) SHALL VIDEO TAPE AND PHOTOGRAPH ALL PROPERTIES AND EXISTING IMPROVEMENTS THAT WILL BE AFFECTED BY CONSTRUCTION, WITH COPIES OF THE INFORMATION BEING SUPPLIED TO THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING CONSTRUCTION.

- THE CONTRACTOR(S) IS RESPONSIBLE FOR CONFIRMING THE LOCATION(S) HORIZONTALLY AND VERTICALLY OF ALL BURIED CABLES, CONDUITS, PIPES, AND UNDERGROUND FACILITIES (INCLUDING BUT NOT LIMITED TO STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, FIBER OPTIC, ETC.) WHICH ARE WITHIN AND ADJACENT TO THE SITE.
 - THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION DRAWINGS PRIOR TO CONSTRUCTION.
 - ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION(S) HORIZONTALLY AND VERTICALLY OF THE ABOVE SAID CABLES, CONDUITS, PIPES, AND UNDERGROUND FACILITIES SHALL BE SOLELY BORNE BY THE CONTRACTOR.
 - ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS WHICH NEGATIVELY IMPACT THE PROJECT.
 - NOTICE: THE OWNER AND ENGINEER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COSTS WHICH MAY RESULT FROM THE CONTRACTOR'S FAILURE TO VERIFY THE ACTUAL CONDITIONS AND FAILURE TO NOTIFY THE ENGINEER AND OWNER.
- NOTICE: THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION(S) AND ELEVATION(S) OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND IS RESPONSIBLE FOR COSTS INCURRED BY PROCEEDING WITH ELEVATION(S) OF EXISTING UTILITIES THAT DIFFER FROM THOSE PRESENTED ON THE DRAWINGS.
 - DISCREPANCIES SHALL BE PRESENTED TO THE ENGINEER FOR REVIEW PRIOR TO PROCEEDING WITH WORK.
- IN THE EVENT THAT A UTILITY LINE NEEDS TO BE ADJUSTED, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION SO THAT THE ADJUSTMENT CAN BE MADE.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR LOCATING, MARKING (IN ACCORDANCE WITH TEXAS ADMINISTRATIVE CODE (TAC) TITLE 16, PART 1, CHAPTER 18, RULE §18.6 AND AMERICAN PUBLIC WORKS ADMINISTRATION (APWA) UNIFORM COLOR CODE), AND VERIFYING THE ACTUAL LOCATION AND ELEVATION OF ALL ABOVE GROUND AND UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE PROJECT AREA PRIOR TO COMMENCING CONSTRUCTION BY ALL MEANS POSSIBLE.
 - LOCAL WATER, SEWER, STORM SEWER, GAS, AND TRAFFIC DEPARTMENTS SHALL BE NOTIFIED INDIVIDUALLY TO ENSURE LOCATION OF UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING ABOVE GROUND UTILITIES, UNDERGROUND FACILITIES, STRUCTURES, DITCHES, ROADS, AND ALL PROPOSED IMPROVEMENTS WITHIN AND ADJACENT TO THE PROJECT AREA.
 - IF ANY DAMAGE OCCURS TO ANY OF THE ABOVE MENTIONED ITEMS DURING CONSTRUCTION, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE REPAIR, REPLACEMENT, OR REMEDY OF THE DAMAGED ITEM TO EQUAL OR BETTER THAN ITS ORIGINAL CONDITION AS REQUIRED BY THE OWNER OF THE DAMAGED ITEM IN A PROMPT MANNER WITH NO ADDITIONAL TIME ADDED TO THE CONTRACT.
- IF ABANDONED UNDERGROUND FACILITIES ARE ENCOUNTERED, THE CONTRACTOR MUST EXPLORE AND RESEARCH THE SITUATION AND PROVIDE TO THE OWNER'S REPRESENTATIVE THAT THE FACILITY(IES) ARE ABANDONED.
 - THE CONTRACTOR SHALL REMOVE THE ABANDONED UNDERGROUND FACILITY(IES) REQUIRED TO COMPLETE THE WORK OR SHALL FULLY GROUT THE ABANDONED FACILITY(IES) IN PLACE, UNLESS OTHERWISE INDICATED BY THE OWNER'S REPRESENTATIVE; ALL WORK SHALL BE INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE.
- THE CONTRACTOR SHALL TAKE SPECIAL CONSIDERATION PRIOR TO REMOVING A PORTION OF AN EXISTING DRAINAGE SYSTEM TO FACILITATE ANY WORK TO PREVENT ADVERSE DRAINAGE ISSUES.
 - THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO PROVIDE ALL REQUIRED EQUIPMENT AND PERSONNEL TO PREVENT DAMAGE TO PRIVATE PROPERTY, EXISTING IMPROVEMENTS, AND PROPOSED IMPROVEMENTS, WITH ANY DAMAGE BEING REMEDIED BY THE CONTRACTOR.
- THE CONTRACTOR IS TO NOTIFY THE PROPERTY OWNER(S) OF ANY WORK THAT WILL AFFECT ANY PUBLIC OR PRIVATE IRRIGATION SYSTEM.
 - TEMPORARY REPAIRS TO THE SYSTEM SHALL BE MADE TO MAINTAIN THE UN-AFFECTED PORTION OF THE SYSTEM IN A WORKING CONDITION.
 - REPAIRS TO THE SYSTEM SHALL BE COMPLETED AS SOON AS PRACTICABLE BY A LICENSED IRRIGATION SYSTEM INSTALLER.
- THE CONTRACTOR SHALL REMOVE, REPLACE, AND RESTORE TO ORIGINAL CONDITION, ELEVATION, AND LOCATION ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN THAT ARE ENCOUNTERED DURING CONSTRUCTION, UNLESS OTHERWISE NOTED OR APPROVED BY THE OWNER'S REPRESENTATIVE.

PROTECTION OF VEGETATION AND ENVIRONMENTALLY SENSITIVE AREAS

- NOTICE: THE PROJECT IS REGULATED BY A U.S. ARMY CORPS OF ENGINEERS (COE) PERMIT OR OTHER ENVIRONMENTAL PERMIT, THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE PERMIT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL ENVIRONMENTALLY SENSITIVE AREAS NOTED ON THE DRAWINGS OR AS IDENTIFIED BY THE OWNER'S REPRESENTATIVE.
 - ENVIRONMENTALLY SENSITIVE AREAS THAT ARE DISTURBED OR DAMAGED, WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REMEDY THE DISTURBANCE OR DAMAGE TO THE REQUIREMENTS OF A LOCAL EXPERT APPROVED BY THE OWNER'S REPRESENTATIVE AND IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS AND REQUIREMENTS AT THE CONTRACTOR'S SOLE EXPENSE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL VEGETATION THAT IS NOTED ON THE DRAWINGS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - TREES, SHRUBS, AND VEGETATION THAT ARE TO REMAIN SHALL BE TRIMMED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND PROTECTED FROM DAMAGE.
 - IF DAMAGE SHOULD OCCUR TO A TREE OR SHRUB THAT IS TO REMAIN, THE CONTRACTOR WILL BE RESPONSIBLE FOR CARING/REPLACING THE ITEM FOR A PERIOD TO BE DETERMINED BY A COMPETENT PERSON AT THE CONTRACTOR'S SOLE EXPENSE.

WORK SITE SAFETY AND SECURITY

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT A SAFETY PROGRAM THAT IS IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS FOR ALL WORKERS AND VISITORS FOR THE ENTIRETY OF THE PROJECT.
- THE CONTRACTOR SHALL POST ON-SITE ALL EMERGENCY PHONE NUMBERS FOR:
 - POLICE, FIRE, AND MEDICAL EMERGENCIES
 - PUBLIC UTILITY OPERATORS (FOR EACH OPERATOR WITHIN AND ADJACENT TO THE PROJECT SITE)
 - PRIVATE UTILITY OPERATORS (FOR EACH OPERATOR WITHIN AND ADJACENT TO THE PROJECT SITE)
 - STREET OPERATORS (FOR EACH OPERATOR WITHIN AND ADJACENT TO THE PROJECT SITE)
 - TRAFFIC SIGNAL OPERATORS (FOR EACH OPERATOR WITHIN AND ADJACENT TO THE PROJECT SITE)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAINING ALL EMPLOYEES AND SUBCONTRACTORS IN THE RECOGNITION AND AVOIDANCE OF UNSAFE CONDITIONS AND IN THE REGULATIONS AND HAZARDS WHICH APPLY TO THE AREA IN WHICH THE WORK WILL TAKE PLACE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL EQUIPMENT AND MATERIALS FOR THE PROTECTION OF PERSONS AND PROPERTY AND FOR PROVIDING SAFE WORKING CONDITIONS THROUGHOUT THE WORK PROGRESS.
 - ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY BY THE CONTRACTOR.
- THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN A MANNER SUCH THAT TRUCKS AND OTHER EQUIPMENT DO NOT CREATE A SAFETY HAZARD ON ANY PUBLIC OR PRIVATE STREETS.
- TRENCH SAFETY
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF A TRENCH SAFETY PROGRAM WHICH MEETS OR EXCEEDS THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA) AND ANY OTHER LOCAL, STATE, AND FEDERAL REGULATIONS THAT PERTAIN TO TRENCH SAFETY.
 - ALL EXCAVATIONS AND BACKFILL OPERATIONS SHALL BE IN ACCORDANCE WITH THE LATEST OSHA EXCAVATION SAFETY STANDARDS, STATE REGULATIONS, AND LOCAL REGULATIONS. THE CONTRACTOR SHALL PROVIDE AN EXCAVATION PLAN PREPARED BY AN ENGINEER REGISTERED IN THE STATE OF TEXAS PRIOR TO BEGINNING TRENCHING OPERATIONS.
 - THE CONTRACTOR SHALL APPOINT A "COMPETENT PERSON" AS DEFINED BY OSHA WHO WILL BE ON-SITE AT ALL TIMES WHILE TRENCHING, PERFORMING EXCAVATIONS, AND WHEN WORKERS ARE IN TRENCHES.
 - THE EXCAVATION PLAN SHALL INDICATE THE PROCEDURES TO BE USED BY THE CONTRACTOR TO COMPLY WITH THE OSHA, STATE, AND LOCAL REQUIREMENTS.
 - THE TRENCH SAFETY PROGRAM AND EXCAVATION PLAN SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR RECORD PURPOSES ONLY AND NOT FOR APPROVAL OR VERIFICATION.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING AND CONTROLLING THE WORK SITE TO PREVENT ACCIDENTS, THEFT, AND VANDALISM.
 - THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR REPLACEMENT OR SATISFACTORY REPAIRS TO EXISTING AND NEW IMPROVEMENTS DUE TO ACCIDENTS, THEFT, AND VANDALISM.
- IT WILL NOT BE THE RESPONSIBILITY OF THE OWNER, OWNER'S REPRESENTATIVE, OR ENGINEER TO ENSURE THAT ALL SAFETY REGULATIONS ARE ADIED BY, HOWEVER, IF THE OWNER, OWNER'S REPRESENTATIVE, OR ENGINEER RECOGNIZES OR IS NOTIFIED OF UNSAFE CONDITIONS, THE WORK BEING ACCOMPLISHED WILL BE STOPPED UNTIL THE CONTRACTOR INDICATES THAT IT IS NOT AN UNSAFE METHOD OR RECTIFIES THE SITUATION AT NO EXPENSE TO THE OWNER, OWNER'S REPRESENTATIVE, OR ENGINEER.

EQUIPMENT

- ONLY EQUIPMENT REQUIRED FOR PERFORMING THE WORK ON THE PROJECT WILL BE ALLOWED AT THE SITE.

- THE EQUIPMENT USED ON THE PROJECT SHALL HAVE ALL OF THE REQUIRED PARTS FOR OPERATION INSTALLED AS RECOMMENDED BY THE MANUFACTURER.
- ALL EQUIPMENT REQUIRED TO PERFORM THE WORK ON THE PROJECT SHALL BE IN GOOD WORKING ORDER AND MAINTAINED THROUGHOUT CONSTRUCTION.
- ANY EQUIPMENT THAT IS TO BE STORED ON-SITE SHALL BE LOCATED IN AN AREA THAT IS PROTECTED TO PREVENT ACCIDENTS, DAMAGE TO MATERIALS, AND ANY ADVERSE ENVIRONMENTAL EFFECTS.
- ANY EQUIPMENT THAT IS LEAKING FLUIDS SHALL BE FIXED PROMPTLY AND ANY FLUID CONTAMINATED SOIL SHALL BE REMOVED PROMPTLY IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.
- THE CONTRACTOR SHALL PROTECT AGAINST SOIL/WATER CONTAMINATION BY UTILIZING CONTAINERS OR BARRIERS.
- THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL FLUIDS, CLEANING MATERIALS, AND LIQUIDS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

MATERIALS

- ONLY MATERIALS MEETING THE REQUIREMENTS OF THE SPECIFICATIONS AND REQUIRED FOR PERFORMING THE WORK ON THE PROJECT WILL BE ALLOWED AT THE SITE.
- ANY PROPOSED ALTERNATIVES TO THE MATERIALS NOTED WITHIN THE DRAWINGS OR REQUIRED BY THE SPECIFICATIONS ARE TO BE SUBMITTED TO THE FOR APPROVAL SEVEN (7) CALENDAR DAYS PRIOR TO THE BID OPENING OWNER'S REPRESENTATIVE.
 - ANY CHANGES TO THE DRAWINGS REQUIRED BY ACCEPTANCE OF MATERIAL ALTERNATIVES AND/OR SUBSTITUTIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL, WITH ALL COSTS ASSOCIATED WITH THE CHANGE BEING THE RESPONSIBILITY OF THE CONTRACTOR.
 - THE OWNER RESERVES THE RIGHT TO REJECT ANY PROPOSED SUBSTITUTION IN FAVOR OF THAT SPECIFIED.
- MATERIALS THAT ARE TO BE STORED ON-SITE SHALL BE STORED IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS AND PROJECT SPECIFICATIONS AND SHALL BE LOCATED IN AN AREA THAT IS PROTECTED TO PREVENT ACCIDENTS, DAMAGE TO MATERIALS, AND ANY ADVERSE ENVIRONMENTAL EFFECTS.
- ANY DAMAGED MATERIALS SHALL BE PROMPTLY REMEDIED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- IF IT IS DETERMINED THAT THE MATERIAL(S) ARE NOT SUITABLE FOR INSTALLATION BY EITHER THE ENGINEER OR THE OWNER, THEN THE MATERIAL(S) ARE TO BE REMOVED FROM THE PROJECT SITE IMMEDIATELY AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATION AT THE SOLE EXPENSE OF THE CONTRACTOR.

- MATERIAL SUBMITTALS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE FOR REVIEW OF MATERIALS TO BE USED ON THE PROJECT.
- SUBMIT MATERIAL DESCRIPTIVE LITERATURE, BULLETINS, TECHNICAL DATA SHEETS, MATERIAL SAFETY DATA SHEETS, AND INSTALLATION INSTRUCTIONS FOR SANITARY SEWER UTILITIES, STORM SEWER UTILITIES, WATER UTILITIES, PAVEMENT, AND OTHER MATERIALS THAT WILL BE USED ON THE PROJECT.
- MATERIAL INFORMATION SHALL INDICATE THAT SPECIFICATIONS ARE MET OR EXCEEDED.
- SUBMITTALS FOR PREFABRICATED ASSEMBLIES SHALL BEAR THE SEAL OF AN ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS CERTIFYING THAT THE PRODUCT MEETS ALL APPLICABLE DESIGN CONDITIONS AND CONFORMS TO GOVERNING CODE REQUIREMENTS.
- SUBMIT REINFORCING STEEL SHOP DRAWINGS DETAILING REINFORCEMENT FABRICATION AND BAR PLACEMENT.
 - SHOP DRAWINGS SHALL INCLUDE A COMPLETE BILL OF MATERIALS FOR ALL REINFORCING STEEL, WHICH IS REFERENCED IN THE INFORMATION ON THE SHOP DRAWINGS.
 - THE SHOP DRAWINGS SHALL PROVIDE SUFFICIENT DETAIL TO PERMIT PLACEMENT OF THE REINFORCEMENT WITHOUT THE USE OF DESIGN DRAWINGS.

SUBMITTAL REQUIREMENTS

- THE FOLLOWING PARTIAL LISTING OF SUBMITTALS SHALL BE FORWARDED TO THE OWNER'S REPRESENTATIVE FOR REVIEW WITH ANY WORK ASSOCIATED WITH THESE ITEMS NOT COMMENCING UNTIL THE SUBMITTALS HAVE BEEN REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE:
 - SUBMIT GRADATION, ATTERBURG LIMITS AND MOISTURE DENSITY CURVES FOR EACH TYPE OF EXISTING SUBGRADE ENCOUNTERED AND FOR EACH TYPE OF FILL MATERIAL TO BE USED.
 - SUBMIT REINFORCING STEEL SHOP DRAWINGS DETAILING REINFORCEMENT FABRICATION AND BAR PLACEMENT.
 - SHOP DRAWINGS SHALL INCLUDE A COMPLETE BILL OF MATERIALS FOR ALL REINFORCING STEEL, WHICH IS REFERENCED TO THE INFORMATION ON THE SHOP DRAWINGS.
 - SHOP DRAWINGS SHALL PROVIDE SUFFICIENT DETAIL TO PERMIT PLACEMENT OF THE REINFORCEMENT WITHOUT THE USE OF THE DESIGN DRAWINGS.
 - SUBMIT DESCRIPTIVE LITERATURE, BULLETINS, TECHNICAL DATA SHEETS, MATERIAL SAFETY DATA SHEETS (MSDS), AND INSTALLATION INSTRUCTIONS FOR THE FOLLOWING:
 - SANITARY SEWER UTILITY - INCLUDING BUT NOT LIMITED TO: PIPE, MANHOLES, FRAME AND COVER, CONCRETE, FITTINGS, AND APPURTENANCES.
 - STORM SEWER UTILITY - INCLUDING BUT NOT LIMITED TO: PIPE, MANHOLES, INLETS, FRAME AND COVER/GRATE, CONCRETE, AND APPURTENANCES.
 - WATER UTILITY - INCLUDING BUT NOT LIMITED TO: PIPE, VALVES, FITTINGS, CONCRETE, AND APPURTENANCES.
 - SUBMITTALS FOR PRECAST OR PREFABRICATED ASSEMBLIES SHALL BEAR THE SEAL OF A ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS CERTIFYING THAT THE PRODUCT MEETS ALL APPLICABLE DESIGN CONDITIONS AND CONFORMS TO GOVERNING CODE REQUIREMENTS.
 - SUBMIT ANY PROPOSED SUBSTITUTIONS TO THE ITEMS SPECIFIED HEREIN OR IN THE SPECIFICATIONS.
 - OWNER RESERVES THE RIGHT TO REJECT ANY PROPOSED SUBSTITUTION IN FAVOR OF THAT SPECIFIED.
 - THE EVENT THAT A SUBSTITUTED ITEM REQUIRES THE CONSTRUCTION DRAWINGS TO BE REVISED IN ANY MANNER, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ALL ENGINEERING AND REPRODUCTION COSTS.
 - IN THE EVENT THAT A SUBSTITUTED ITEM REQUIRES THE ADJUSTMENT AND/OR REINSTALLATION OF EXISTING OR PROPOSED UTILITIES AND/OR IMPROVEMENTS THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ALL COSTS.
 - CONTRACTOR SHALL SUBMIT PAVEMENT CONSTRUCTION AND CONTROL JOINT LOCATIONS FOR REVIEW PRIOR TO PLACING ANY PAVEMENT CONCRETE. SUBMITTAL SHALL HIGHLIGHT JOINT LOCATIONS THAT HAVE BEEN CHANGED FROM THE LAYOUT SHOWN IN THE BID DOCUMENTS. IN GENERAL, PAVEMENT CONSTRUCTION JOINT SPACING SHALL NOT EXCEED FORTY-FEET (40') ON CENTER AND PAVEMENT CONTROL JOINT SPACING SHALL NOT EXCEED TEN-FEET (10') ON CENTER.
- CONTRACTOR SHALL SUBMIT PAVEMENT CONSTRUCTION AND CONTROL JOINT LOCATIONS FOR REVIEW PRIOR TO PLACING ANY PAVEMENT CONCRETE. SUBMITTAL SHALL HIGHLIGHT JOINT LOCATIONS THAT HAVE BEEN CHANGED FROM THE LAYOUT SHOWN IN THE BID DOCUMENTS. IN GENERAL, PAVEMENT CONSTRUCTION JOINT SPACING SHALL NOT EXCEED FORTY-FEET (40') ON CENTER AND PAVEMENT CONTROL JOINT SPACING SHALL NOT EXCEED TEN-FEET (10') ON CENTER.

EROSION AND POLLUTION CONTROL DURING CONSTRUCTION

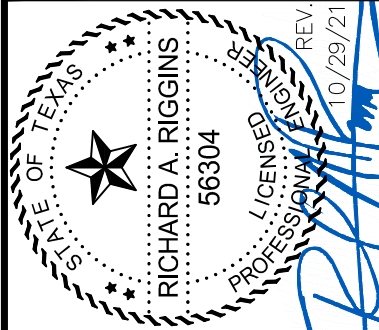
- ALL CONSTRUCTION ACTIVITIES SHALL BE SUBJECT TO THE EROSION AND POLLUTION PREVENTION REQUIREMENTS OF THE CITY, COUNTY, TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ), ALL APPLICABLE PERMITS, AND ALL LAWS AND REGULATIONS.
 - A TCEQ STORMWATER PERMIT FOR CONSTRUCTION WILL BE REQUIRED FOR THIS PROJECT.
- THE CONTRACTOR IS TO OBTAIN ALL REQUIRED PERMITS AND POST REQUIRED COPIES ON-SITE AT ALL ENTRANCES PRIOR TO COMMENCING CONSTRUCTION.
- THE CONTRACTOR WILL BE REQUIRED AT ALL TIMES DURING CONSTRUCTION TO PROVIDE AND MAINTAIN ALL REQUIRED CONTROL DEVICES THAT ARE INDICATED WITHIN THE DRAWINGS AND ALL REQUIRED DEVICES AS REQUIRED BY ANY PERMIT.
- SEE ALSO TEMPORARY EROSION AND POLLUTION CONTROL NOTES AND PLAN(S) WITHIN THIS DRAWING SET.

TRAFFIC CONTROL AND EXISTING PEDESTRIAN FACILITIES

- THE CONTRACTOR IS SOLELY RESPONSIBLE TO PROVIDE, IMPLEMENT, AND COMPLY WITH A TRAFFIC CONTROL PLAN MEETING THE REQUIREMENTS OF THE COUNTY OR CITY, TxDOT, THE OWNER'S REPRESENTATIVE, AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) (LATEST EDITION) FOR ANY WORK ALONG THE ROAD AND ALL ADJACENT ROADS TO THE PROJECT SITE.
 - THE PLAN SHALL CONTAIN PROVISIONS FOR ALL PROJECT PHASES AND PROVIDE SUFFICIENT BARRICADES, WARNINGS, AND LIGHTING TO WARN AND GUIDE MOTORISTS AND PEDESTRIANS THROUGH THE WORK AREA.
 - THIS PLAN IS TO BE SUBMITTED TO AND APPROVED BY ALL APPROPRIATE AGENCIES BEFORE CONSTRUCTION ALONG THE ROAD IS TO COMMENCE.
 - THIS PLAN AND THE APPROVAL NOTIFICATION ARE TO BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR RECORD KEEPING PURPOSES ONLY BEFORE CONSTRUCTION ALONG THE ROAD IS TO COMMENCE.
 - IF A PLAN IS INCLUDED WITHIN THE DRAWINGS, IT SHOULD BE USED AS A GENERAL GUIDELINE.
- ANY MODIFICATIONS TO THE APPROVED TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO ALL APPROPRIATE AGENCIES FOR APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR MAINTAINING AND VERIFYING THAT ALL TRAFFIC CONTROL DEVICES ARE IN THE PROPER POSITION, WORKING ORDER, AND MEET THE SPECIFICATIONS EACH DAY PRIOR TO COMMENCING WORK AND PRIOR TO LEAVING FOR THE DAY, AND VERIFYING AT LEAST ONCE PER DAY WHEN NO WORK IS DONE INCLUDING WEEKENDS, HOLIDAYS, AND WEATHER DAYS.
- MAINTENANCE OF TRAFFIC CONTROL DEVICES ARE TO OCCUR IMMEDIATELY WHEN NOTICED THAT THE DEVICE DOES NOT MEET THE TRAFFIC CONTROL PLAN AND SPECIFICATIONS.
- IF TRAFFIC ON A ROAD IS TO BE DETOURED, OBSTRUCTED, AND/OR ROAD CLOSED, THE CONTRACTOR SHALL PROVIDE DAILY NOTIFICATION TO ALL PUBLIC EMERGENCY DEPARTMENTS (I.E. FIRE, POLICE, EMS) AND ALL PRIVATE EMS.



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NOTICE: THIS PAGE DOES NOT CONTAIN ALL PROJECT NOTES OR PROJECT REQUIREMENTS. THIS PAGE MAY CONTAIN NOTES THAT ARE NOT PERTINENT TO THE PROJECT BUT ARE INCLUDED FOR REFERENCE. IT WILL BE THE RESPONSIBILITY OF ALL CONTRACTORS WORKING ON THIS PROJECT TO BE KNOWLEDGEABLE WITH ALL PROJECT CONTRACT DOCUMENTS, WHICH INCLUDES BUT NOT LIMITED TO THE PROJECT GENERAL REQUIREMENTS, SPECIFICATIONS, AND DRAWINGS. ANY AND ALL COSTS RELATED TO THE CONTRACTOR FAILURE OF BEING KNOWLEDGEABLE WITH THE CONTRACT DOCUMENTS WILL BE AT THE SOLE EXPENSE OF THE CONTRACTOR..

TRAFFIC CONTROL AND EXISTING PEDESTRIAN FACILITIES CONTINUED

5.1. AT ALL TIMES, THE CONTRACTOR SHALL MAINTAIN INGRESS/EGRESS TO ADJACENT PROPERTIES FOR EMERGENCY VEHICLES AND POSTAL SERVICE IF AN ALTERNATE ROUTE IS NOT AVAILABLE.

6. PLACEMENT OF TEMPORARY AND PERMANENT PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE TMTUCD, THE DRAWINGS, AND SHALL BE APPROVED BY THE GOVERNING ENTITY.

7. THE CONTRACTOR SHALL MAINTAIN AND PROVIDE FOR SAFE AND CONVENIENT INGRESS/EGRESS TO THE PROPERTY ADJACENT TO CONSTRUCTION, PROTECT EXISTING IMPROVEMENTS, AND SHALL COORDINATE WITH THE PROPERTY OWNER / LESSEE FOR WORK ON THE SITE.

7.1. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNER/LESSEE IN WRITING SEVEN (7) DAYS PRIOR TO START OF CONSTRUCTION AND SHALL NOTIFY IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE OF ANY WORK AFFECTING INGRESS/EGRESS FROM THE PROPERTY.

- 7.1.1 THE NOTICE SHALL BE APPROVED OF BY THE OWNER AND THE OWNER'S REPRESENTATIVE.
7.1.2 THE NOTICE SHALL BE HAND DELIVERED BY THE CONTRACTOR.
7.1.3. THE NOTICE SHALL INDICATE WHAT DISRUPTIONS WILL OCCUR AND PROVIDE DATES AND CONTRACTOR CONTACT INFORMATION IN THE EVENT OF EMERGENCIES OR ANY QUESTIONS.

8. THE CONTRACTOR SHALL MAINTAIN EXISTING PEDESTRIAN FACILITIES DURING CONSTRUCTION.

9. THE CONTRACTOR SHALL FILL ANY HOLES LEFT WHEN BARRICADES AND SIGNS ARE REMOVED AND RESTORE THE AREA TO THE ADJACENT CONDITIONS.

DRAINAGE DURING CONSTRUCTION

1. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION.

2. THE CONTRACTOR SHALL PROVIDE INTERIM DRAINAGE BY MEANS OF PUMPS AND TEMPORARY DITCHES DURING CONSTRUCTION AS REQUIRED TO MAINTAIN A WELL-DRAINED SITE FREE OF STANDING WATER AND WATER SOFTENED SOILS, UNLESS OTHERWISE INDICATED BY THE OWNER'S REPRESENTATIVE.

3. DRAINAGE FROM ADJACENT PROPERTIES SHALL NOT BE BLOCKED AT ANYTIME PRIOR, DURING, AND AFTER CONSTRUCTION AND WILL BE HANDLED AS SHOWN ON THE DRAWINGS OR AS INDICATED BY THE OWNER'S REPRESENTATIVE.

EXCESS, DEMOLITION, AND SALVAGED MATERIALS

1. THE PROJECT AREA SHALL AT ALL TIMES BE KEPT FREE OF DEBRIS AND EXCESS MATERIAL TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

2. EXCESS AND DEMOLITION MATERIALS WHICH ARE NOT USED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS THE OWNER'S REPRESENTATIVE STATES OTHERWISE.

3. DISPOSAL OF ALL EXCESS AND DEMOLITION MATERIALS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

DEMOLITION

- 4.1 DEMOLITION OF EXISTING IMPROVEMENTS SHALL BE PERFORMED BY THE CONTRACTOR BY SAW-CUTTING AT THE POINT WHERE THE ITEM IS TO REMAIN, UNLESS OTHERWISE INDICATED BY THE OWNER'S REPRESENTATIVE.
4.1.1. CUTS SHALL BE VERTICAL AND TO A DEPTH THAT WILL ALLOW THE PORTION TO BE REMOVED WITHOUT DAMAGING ANY PORTION TO REMAIN.
4.2 DEMOLITION SHALL BE COMPLETED IN A MANNER THAT WILL NOT DAMAGE THE PORTION THAT WILL REMAIN AND SHALL BE DONE IN A MANNER THAT IS CONSISTENT WITH INDUSTRY STANDARDS.
4.2.1. DAMAGE TO ANY PORTION THAT IS TO REMAIN SHALL BE REPLACED OR REPAIRED TO A LIKE OR BETTER CONDITION BY THE CONTRACTOR AT NO EXPENSE TO THE PROJECT.
4.3. CEASE OPERATIONS AND NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY IF ADJACENT IMPROVEMENTS APPEAR TO BE ENDANGERED.
4.4. WELDING OR CUTTING STEEL WITH A TORCH IS NOT PERMITTED UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE.
4.5. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS AND METHODS TO PREVENT THE SPREAD OF DUST AND/OR OTHER DEBRIS FROM ENTERING OCCUPIED AREAS OF ADJACENT BUILDINGS OR FROM DAMAGING EXISTING ITEMS THAT ARE TO REMAIN.

5. MATERIALS THAT ARE DEEMED SALVAGEABLE SHALL BE HANDLED BY THE CONTRACTOR IN A MANNER TO PREVENT DAMAGE AND SHALL BE STORED AT A LOCATION THAT IS SUITABLE FOR THE OWNER'S REPRESENTATIVE.

6. IF WASTE AREAS OR MATERIAL SOURCE AREAS RESULT FROM THIS PROJECT, THE CONTRACTOR IS TO FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

SITE CLEARING AND EARTHWORK

1. THE SITE SHALL BE CLEARED OF ALL TREES, SHRUBS, AND STUMPS UNLESS OTHERWISE NOTED ON THE DRAWINGS OR INDICTED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE SITE SHALL BE CLEARED OF ALL EXISTING CONCRETE, PAVEMENT, WALLS, FENCING, FOUNDATIONS, ETC. AS REQUIRED TO PROPERLY CONSTRUCT THE PROJECT WITH ALL WORK IN ACCORDANCE WITH THE SPECIFICATIONS AND AS INDICATED ON THE DRAWINGS OR AS INDICATED BY THE OWNER'S REPRESENTATIVE.
3. THE TOP SIX-INCHES (6") OF MATERIAL SHALL BE STOCKPILED ON-SITE AND USED FOR FINAL STABILIZATION BETWEEN THE BACK OF CURB / ROAD EDGE AND SIDEWALK / RIGHT-OF-WAY LINE / PROPERTY LINE AND COMPACTED TO ACHIEVE A A DEPTH OF SIX-INCHES (6").
3.1. ANY ADDITIONAL MATERIAL SHALL BE EVENLY PLACED ON REMAINING AREAS THAT ARE DISTURBED.
4. ALL EARTHWORK (SITE GRADING, FILLING, HAULING, CUTTING, LOADING, ETC.) REQUIRED TO ACHIEVE THE LINES AND GRADES AS INDICATED WITHIN THIS DRAWING SET SHALL BE COMPLETED BY THE CONTRACTOR.
5. FILL BEYOND THE RIGHT-OF-WAY (ON LOTS) SHALL BE PLACED IN SIX-INCH (6") LIFTS AND COMPACTED TO MEET THAT OF THE AVERAGE OF THE EXISTING MATERIAL ON SITE PRIOR TO ANY DISTURBANCE.
6. CONTRACTOR SHALL PERFORM ROUGH EARTHWORK (SITE GRADING, FILLING, HAULING, CUTTING, LOADING, ETC.) TO VERIFY ADEQUATE EARTH QUANTITY ON-SITE TO ACHIEVE THE REQUIRED GRADES INDICATED WITHIN THIS DRAWING SET PRIOR TO ANY OTHER CONSTRUCTION.
6.1. IF MATERIAL IS TO BE HAULED FROM OFF-SITE SOURCES THE MATERIAL SHALL BE OF LIKE MATERIAL COMPOSITION AS TO WHAT IS FOUND CURRENTLY ON-SITE AND APPROVED BY THE OWNER'S REPRESENTATIVE.
7. AFTER ROUGH EARTHWORK IS COMPLETE AND CONTRACTOR DETERMINES THAT SUFFICIENT MATERIAL IS AVAILABLE TO ACHIEVE THE REQUIRED GRADES, CONSTRUCTION ON THE REST OF THE PROJECT CAN COMMENCE.
8. FINAL GRADES AS INDICATED WITHIN THE DRAWINGS SHALL BE ACHIEVED PRIOR TO FINAL ACCEPTANCE.
9. GRADES NOT OTHERWISE INDICATED SHALL BE UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE GIVEN, OR BETWEEN SUCH POINTS AND EXISTING FINISH GRADES.
9.1. ROUND OFF ABRUPT CHANGES IN SLOPE.
10. THE CONTRACTOR WILL BE REQUIRED TO LIMIT THE AMOUNT OF DUST AND WIND TRANSPORTED MATERIALS FROM OCCURRING ON AND OFF THE PROJECT SITE DURING AND AFTER WORKING HOURS SEVEN (7) DAYS A WEEK THROUGHOUT THE DURATION OF THE PROJECT.
10.1. THE CONTRACTOR SHALL PHASE WORK ON THE SITE AND USE WATER, TEMPORARY COVER, AND/OR DUST CONTROL AGENTS TO LIMIT THE AMOUNT OF DUST AND OTHER WIND-BORNE MATERIALS FROM EXITING THE PROJECT SITE.
10.2. IF DUST FROM THE PROJECT SITE BECOMES EXCESSIVE, THE CONTRACTOR WILL BE REQUIRED TO TAKE ANY AND ALL MEASURES POSSIBLE TO CONTROL THE POLLUTION.

11. CONTRACTOR SHALL LIMIT THE AMOUNT OF EROSION DUE TO STORM EVENTS AND ANY EROSION AREAS SHALL BE RESHAPED AND REPAIRED TO THE LINES AND GRADES SHOWN IN THE DRAWINGS IN A TIMELY MANNER WHEN CONDITIONS ALLOW.

12. WHEN THE FINISHED FLOOR (FF) ELEVATION IS INDICATED ON THE GRADING PLAN, IT IS TO BE UNDERSTOOD THAT IT IS A RECOMMENDATION BASED UPON THE DRAINAGE DESIGN OF THE PROJECT. THIS RECOMMENDED FINISHED FLOOR ELEVATION (FF) IS SUBJECT TO CHANGE UPON FINAL DESIGN OF THE BUILDING.
12.1. THE OWNER AND THE DESIGN PROFESSIONAL OF THE BUILDING WILL BE SOLELY RESPONSIBLE FOR ADJUSTING THE FINISHED FLOOR (FF) ELEVATION UPON VERIFICATION OF CURRENT CONDITIONS AND ALL CURRENT APPLICABLE LAWS, STATUTES, RULES, REGULATIONS, ORDINANCES, CODES, AND ORDERS OF ANY AND ALL GOVERNMENTAL BODIES, AGENCIES, AUTHORITIES, AND COURTS HAVING JURISDICTION.

SITE GRADING

1. PRIOR TO COMMENCING GRADING ACTIVITIES, ALL IMPROVEMENTS SHALL BE PROTECTED FROM DAMAGE.

- 1.1. IF ANY IMPROVEMENT IS DAMAGED, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF THE ITEM DAMAGED AT NO ADDITIONAL COST TO THE PROJECT.

2. THE CONTRACTOR SHALL CONSTRUCT THE SITE TO THE LINES, GRADES, AND ELEVATIONS AS SPECIFIED AND AS INDICATED WITHIN THE DRAWINGS.

3. ANY ADJUSTMENTS TO THE LINES, GRADES, AND ELEVATIONS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

4. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTROLLING DUST AND SOIL MOVEMENT BY WIND AND WATER ONCE SITE GRADING ACTIVITIES HAVE COMMENCED AND SHALL STAGE CONSTRUCTION AND PROVIDE DUST AND SOIL STABILIZATION CONTROL(S).

- 4.1. IF DUST AND SOIL MOVEMENT BY WIND AND WATER BECOMES EXCESSIVE, THE OWNER'S REPRESENTATIVE MAY CEASE ALL CONSTRUCTION ACTIVITIES UNTIL THE CONTRACTOR HAS REMEDIED THE SITUATION.

5. AREAS TO RECEIVE FILL SHALL BE STRIPPED OF ALL VEGETATION, HUMUS, AND OTHER OBJECTIONABLE MATTER ENCOUNTERED WITHIN THE TOP SIX-INCHES (6") OF THE SOIL.

- 5.1. THIS MATERIAL, WITH THE EXCEPTION OF OBJECTIONABLE MATTER, SHALL BE STOCKPILED, IF FEASIBLE, AND REUSED AS SURFACE STABILIZATION MATERIAL BEYOND THE RIGHT-OF-WAY.
5.2. OBJECTIONABLE MATTER SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE AND SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS, UNLESS OTHERWISE INSTRUCTED BY THE OWNER'S REPRESENTATIVE.

6. IMPORT MATERIAL, WHEN REQUIRED, SHALL BE OF SIMILAR MATERIAL AS TO THE NATURAL OCCURRING MATERIAL ON-SITE AND APPROVED OF BY THE OWNER'S REPRESENTATIVE.

- 6.1. MATERIAL SHALL BE FREE OF LARGE CLOUDS, LARGE ROCKS, ORGANIC MATTER, CONSTRUCTION MATERIAL, TRASH, AND OTHER OBJECTIONABLE MATERIAL.
6.2. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR VERIFICATION OF MATERIAL TYPE AND QUANTITY IMPORTED PER TRUCK.
6.2.1. THE OWNER'S REPRESENTATIVE SHALL BE PROVIDED TRIP TICKETS THAT INDICATE THE TRUCK NUMBER, DATE OF DELIVERY, MATERIAL DELIVERED, AND QUANTITY OF MATERIAL DELIVERED.
6.2.2. TRIP TICKETS SHALL BE PROVIDED TO THE OWNER'S REPRESENTATIVE ON A WEEKLY INTERVAL AND AS REQUESTED.

7. EXCESS SOIL MATERIAL FROM GRADING ACTIVITIES SHALL NOT BE REMOVED FROM THE SITE, UNLESS DIRECTED BY THE OWNER'S REPRESENTATIVE.

- 7.1. EXCESS MATERIAL SHALL BE INCORPORATED INTO THE PROJECT OR STOCKPILED IN A MANNER TO PROMOTE POSITIVE DRAINAGE.

8. NO FILL THAT IS PLACED BY DUMPING IN A PILE OR WINDROW SHALL BE INCORPORATED INTO A LAYER IN THAT POSITION; ALL SUCH PILES AND WINDROWS SHALL BE MOVED BY BLADING OR SIMILAR METHOD.

9. ALL FILL SHALL BE PLACED IN LAYERS APPROXIMATELY PARALLEL TO THE FINISH GRADE AND IN LAYERS NOT IN EXCESS OF SIX-INCHES (6") OF UN-COMPACTED DEPTH, UNLESS INDICATED OTHERWISE BY THE OWNER'S REPRESENTATIVE.

FILL COMPACTION

- 10.1. 5' BEYOND RIGHT-OF-WAY AND WITHIN NON RIGHT-OF-WAY AREAS.
10.1.1. TO A DENSITY WHICH APPROXIMATES THAT OF THE EXISTING NATURAL GROUND, UNLESS OTHERWISE INDICATED BY THE OWNER'S REPRESENTATIVE.
10.2. 5' BEYOND RIGHT-OF-WAY AND WITHIN RIGHT-OF-WAY AREAS
10.2.1. TO A DENSITY OF NOT LESS THAN 95% STANDARD PROCTOR AT OPTIMUM MOISTURE CONTENT, UNLESS INDICATED OTHERWISE BY THE OWNER'S REPRESENTATIVE.
10.3. ALL IRREGULARITIES, DEPRESSIONS, AND SOFT SPOTS WHICH DEVELOP FROM COMPACTION SHALL BE CORRECTED BY THE CONTRACTOR.

11. ANY EARTHWORK QUANTITIES SHOWN WITHIN THE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT REFLECT THE ACTUAL AMOUNT THAT WILL BE REQUIRED TO COMPLETE THE WORK DUE TO CONSTRUCTION METHODS.

EXCAVATION AND TRENCHING FOR UTILITIES, ROADWAY, AND STRUCTURES

1. ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE TRENCH SAFETY PROGRAM THAT HAS BEEN DEVELOPED AND IMPLEMENTED BY THE CONTRACTOR.

2. EXCAVATIONS SHALL NOT BE MADE DURING INCLEMENT WEATHER.

3. WATER ACCUMULATION IN EXCAVATIONS EXCEEDING ONE-INCH (1") SHALL BE PUMPED OUT PRIOR TO CONTINUING CONSTRUCTION OR AS APPROVED BY THE OWNER'S REPRESENTATIVE.

4. TRENCH EXCAVATION SHALL NOT PRECEDE BACKFILL BY MORE THAN 200 FEET.

5. TRENCHES SHALL NOT BE LEFT OPEN OR UNSECURED AFTER NORMAL WORKING HOURS OR WHILE WORKERS ARE NOT PRESENT ON-SITE.

- 5.1. IF TRENCHES ARE LEFT OPEN, THEY SHALL BE COVERED AND APPROPRIATE AND ADEQUATE BARRICADES SHALL BE PLACED TO PREVENT ACCESS INTO THE TRENCH AREA.

6. ALL TOP SOIL, VEGETATION, ORGANIC MATERIAL, AND UNSUITABLE SOIL UNDER CONSTRUCTION AREAS SHALL BE EXCAVATED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS AND STOCKPILED AND USED AS STABILIZATION MATERIAL FOR AREAS THAT WILL NOT BE BENEATH ROADS, DRIVEWAYS, SIDEWALKS, STRUCTURES, AND OTHER ITEMS AS INDICATED BY THE OWNER'S REPRESENTATIVE.

DEWATERING

1. DEWATERING ACTIVITIES MAY BE REQUIRED TO CONSTRUCT PORTIONS OF THE PROJECT.

- 1.1. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED PERMITS AND EROSION AND POLLUTION CONTROL DEVICES TO CONTROL THE EFFLUENT AND SHALL INSTALL THOSE DEVICES PRIOR TO COMMENCING DEWATERING ACTIVITIES.
1.2. THE LOCATION OF THE(SE) DEVICES SHALL BE INSTALLED AT APPROVED LOCATION(S) BY THE OWNER'S REPRESENTATIVE.

2. ALL DEWATERING ACTIVITIES SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND LOCAL, STATE, AND FEDERAL REGULATIONS.

3. THE CONTRACTOR WILL ALSO BE REQUIRED TO TEST THE SURROUNDING SURFACE WATER(S) AND THE WATER FROM THE DEWATERING ACTIVITIES FOR WATER COMPOSITION PRIOR TO DISCHARGING EFFLUENT.

- 3.1. THE CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH A COPY OF THE TEST REPORT.
3.2. IF THE WATER IS DETERMINED TO BE OF A COMPOSITION THAT MAY HARM THE SURROUNDING ENVIRONMENT, THEN THE CONTRACTOR WILL BE RESPONSIBLE FOR THE DISPOSAL IN A MANNER THAT IS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

4. WATER REMOVED FROM EXCAVATIONS SHALL BE HANDLED IN SUCH A MANNER AS TO PREVENT DAMAGE TO ADJACENT PROPERTY AND OTHER WORK.

- 4.1. DAMAGE CAUSED BY DEWATERING OPERATIONS TO THE ADJACENT PROPERTY OR WORK SHALL BE REPAIRED OR REMEDIED BY THE CONTRACTOR AT THE CONTRACTOR'S SOLE EXPENSE.
4.2. IF WATER IS TO BE DISPOSED OF OFFSITE, THE CONTRACTOR WILL BE REQUIRED TO LOCATE AND ACQUIRE THE DISPOSAL SITE, OBTAIN ALL PERMITS, AND DISPOSE OF IT IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

STORM WATER UTILITY NOTES

1. ALL STORM SEWER SHALL BE AS INDICATED ON THE DRAWINGS AND SHALL BE INSTALLED, BEDDED, AND BACK FILLED IN ACCORDANCE WITH THE STANDARDS, DETAILS, INDUSTRY STANDARDS, AND MANUFACTURERS RECOMMENDATIONS.
2. ALL TRENCH BACKFILL SHALL BE PLACED IN 6" LIFTS AND MECHANICALLY COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST (ASTM D-698/AASHTO T99).
3. ALL REINFORCED CONCRETE PIPE (RCP) JOINTS SHALL BE WRAPPED WITH GEOTEXTILE.
4. ALL PROPOSED PIPE STUB-OUTS FROM MANHOLES AND INLET LEADS ARE TO BE PLUGGED WITH 8" BRICK WALLS UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR INDICATED BY THE OWNER'S REPRESENTATIVE.
5. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 12" CLEARANCE AT STORM SEWER AND WATERLINE CROSSINGS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, MAINTAINING, AND RESTORING ANY BACK SLOPE DRAINAGE SYSTEM THAT HAS BECOME DISTURBED AS A RESULT OF THIS WORK.

7. ALL DITCHES SHALL BE GRADED TO THE PROPOSED ELEVATIONS TO ENSURE PROPER DRAINAGE.

8. ALL OUTFALLS SHALL BE PROPERLY BACKFILLED AND COMPACTED.

9. ALL DRIVEWAYS SHALL BE LOCATED TO AVOID EXISTING CURB INLET STRUCTURES.

EXISTING PAVEMENT REMOVAL AND REPAIR

1. ASPHALT PAVEMENT

- 1.1. PAVEMENT SHALL BE SAW-CUT FULL DEPTH WHERE EXISTING PAVEMENT IS BEING PARTIALLY REMOVED.
1.2. AT A MINIMUM, PAVEMENT REPAIR SHALL CONSIST OF TWO-INCH (2") HOT MIX ASPHALTIC CEMENT (HMAC) AND TWELVE-INCH (12") COMPACTED FLEXIBLE BASE IN ACCORDANCE WITH THE SPECIFICATIONS.
1.2.1. BASE SHALL BE COMPACTED TO A MINIMUM OF NINETY-EIGHT PERCENT (98%) MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D1557 AT MOISTURE CONTENT -1% TO +3% OF OPTIMUM.
1.2.2. IF THE EXISTING PAVEMENT SECTION IS FOUND TO BE THICKER, THE PAVEMENT REPAIR SECTION SHALL BE INCREASED TO MATCH THE EXISTING SECTION.

2. CONCRETE PAVEMENT

- 2.1. PAVEMENT SHALL BE SAW-CUT FULL DEPTH WHERE EXISTING PAVEMENT IS BEING PARTIALLY REMOVED.
2.2. AT A MINIMUM, PAVEMENT REPAIR SHALL CONSIST OF SIX-INCH (6") REINFORCED WITH #4 BARS ON TWELVE-INCH (12") ON-CENTERS WITH DOWELS INTO THE EXISTING PAVEMENT EVERY TWENTY-FOUR INCHES (24") OR EVENLY SPACED AND EIGHT-INCH (8") COMPACTED FLEXIBLE BASE IN ACCORDANCE WITH THE SPECIFICATIONS.
2.2.1. BASE SHALL BE COMPACTED TO A MINIMUM OF NINETY-EIGHT PERCENT (98%) MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D1557 AT MOISTURE CONTENT -1% TO +3% OF OPTIMUM.
2.2.2. IF THE EXISTING PAVEMENT SECTION IS FOUND TO BE THICKER, THE PAVEMENT REPAIR SECTION SHALL BE INCREASED TO MATCH THE EXISTING SECTION.

PAVEMENT CONSTRUCTION

1. PRIOR TO COMMENCING PAVING ACTIVITIES, ALL IMPROVEMENTS SHALL BE PROTECTED FROM DAMAGE.

- 1.1. IF ANY IMPROVEMENT IS DAMAGED, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF THE ITEM DAMAGED AT NO ADDITIONAL COST TO THE PROJECT.

2. THE CONTRACTOR SHALL CONSTRUCT PAVEMENT TO THE LINES, GRADES, AND ELEVATIONS AS REQUIRED BY THE SPECIFICATIONS AND AS INDICATED WITHIN THE DRAWINGS.

- 2.1. ANY ADJUSTMENTS TO THE LINES, GRADES, AND ELEVATIONS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

3. THE CONTRACTOR SHALL CONSTRUCT PAVEMENT SECTIONS AS INDICATED WITHIN THE DRAWINGS WITH MATERIALS MEETING OR EXCEEDING THE SPECIFICATIONS.

4. THE CONTRACTOR WILL BE REQUIRED TO HAVE THE SUBGRADE AND PROPOSED BASE MATERIALS TESTED BY AN APPROVED GEOTECHNICAL TESTING LABORATORY FOR THE ESTABLISHMENT OF AN OPTIMUM SOIL MOISTURE AND DENSITY PROCTOR.

- 4.1. REPORT COPIES SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK REQUIRING THE MATERIALS.

5. IMPROVEMENTS WITHIN THE PAVEMENT AREA SHALL BE MARKED BY THE CONTRACTOR SO THAT AFTER PAVING ACTIVITIES ARE COMPLETE, THE IMPROVEMENTS CAN BE ADJUSTED TO WITHIN ONE-QUARTER INCH (1/4") OF THE FINAL SURFACE, UNLESS OTHERWISE REQUIRED BY OTHER DETAILS OR THE OWNER'S REPRESENTATIVE.

6. PRIOR TO PLACEMENT OF ANY PAVING IMPROVEMENTS, ALL UNDERGROUND IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: SANITARY SEWER UTILITIES, STORM SEWER UTILITIES, WATER UTILITIES, SLEEVES FOR ELECTRICAL UTILITIES, SLEEVES FOR IRRIGATION UTILITIES, SLEEVES FOR COMMUNICATION UTILITIES, AND OTHER UNDERGROUND IMPROVEMENTS THAT ARE REQUIRED AND ARE BENEATH AND ADJACENT TO THE PAVING IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE DRAWINGS AND INDUSTRY STANDARDS, VERIFIED BY THE CONTRACTOR, AND PASS ALL TESTING REQUIREMENTS.

- 6.1. THE CONTRACTOR MAY PROCEED SOLELY AT THE CONTRACTOR'S OWN RISK IN THE PLACEMENT OF PAVING IMPROVEMENTS PRIOR TO THE VERIFICATION AND FINAL TESTING OF UNDERGROUND IMPROVEMENTS WITH ANY COSTS RESULTING FROM THE VERIFICATION OR TESTING FAILURE BEING SOLELY AT THE CONTRACTOR'S EXPENSE.
6.2. IF IT IS DETERMINED THAT THE CONTRACTOR HAS FAILED TO PLACE THE UNDERGROUND IMPROVEMENTS AS INDICATED ON THE DRAWINGS AND/OR FAILED TO VERIFY THE LOCATION PRIOR TO THE PLACEMENT OF PAVING IMPROVEMENTS, THEN ANY COSTS RESULTING FROM ACTIVITIES TO REMEDY THE SITUATION SHALL BE SOLELY AT THE CONTRACTOR'S EXPENSE.

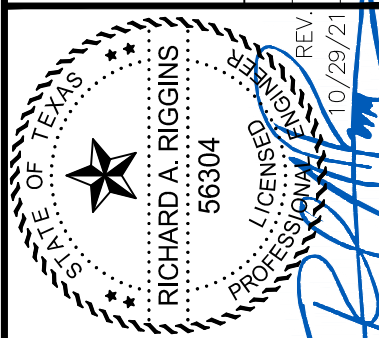
7. WHERE THE PROPOSED PAVEMENT IMPROVEMENTS MEET THE EXISTING PAVEMENTS, THE CONTRACTOR SHALL SAW CUT THE PAVEMENT IN A LINE THAT IS PARALLEL TO THE PROPOSED PAVEMENT EDGE TO A POINT THAT IS NOT DAMAGED AND AT A MINIMUM DISTANCE OF TWO FEET (2') BEYOND THE START OF THE PROPOSED PAVEMENT.

ENVIRONMENTAL PERMIT REQUIREMENTS

- THE FOLLOWING STIPULATIONS ARE REQUIREMENTS OF THE U.S. ARMY CORPS OF ENGINEERS (USACE) PERMIT SWG-2018-00232. THE CONTRACTOR SHALL ADHERE TO THESE MEASURES DURING CONSTRUCTION:
- IF THE CONTRACTOR DISCOVERS ANY PREVIOUSLY UNKNOWN HISTORIC OR ARCHEOLOGICAL REMAINS DURING CONSTRUCTION, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER AND CITY OF WHAT THEY HAVE FOUND.
 - CONSTRUCTION SHALL AVOID GROUND-DISTURBING ACTIVITIES IN THE VICINITY OF THE DISCOVERY UNTIL FURTHER INSTRUCTIONS
 - BOLLARDS AT THE MITIGATION SITE MUST BE INSTALLED WITHIN 6 MONTHS OF THE START OF CONSTRUCTION OF THE VENUE.
 - CONTRACTOR MUST ESTABLISH A WORK CORRIDOR, NOT TO EXCEED 25 FEET ON EITHER SIDE OF THE LIMITS OF FILL OF THE PROJECT.
 - CONTRACTOR WILL ENCLOSE THE WORK CORRIDOR WITH STRAW WADDLES, SILT FENCE, OR SIMILAR BEST MANAGEMENT PRACTICES (BMP) TO LIMIT SEDIMENT FROM LEAVING THE WORK AREA.
 - CONTRACTOR WILL NOT BE PERMITTED TO OPERATE EQUIPMENT OUTSIDE THE WORK CORRIDOR.
 - CONTRACTOR IS ADVISED THAT FEDERALLY-LISTED THREATENED AND ENDANGERED SPECIES MAY OCCUR WITHIN THE PROJECT AREA OR VICINITY. THESE SPECIES, ESPECIALLY THE PIPING PLOVER, RED KNOT, AND EASTERN BLACK RAIL, ARE FEDERALLY PROTECTED, AND THE U.S. FISH AND WILDLIFE SERVICE MAY ISSUE FINES OF UP TO \$25,000 FOR KNOWINGLY TAKING, HARMING, OR HARASSING THEM.
 - AVOID VEGETATION/GROUND CLEARING FROM MARCH 1 TO SEPTEMBER 30 FOR EASTERN BLACK RAIL HABITAT. IF VEGETATION/GROUND CLEARING MUST OCCUR DURING THIS TIME, THE CONTRACTOR SHALL:
 - LIMIT CLEARING TO DAYLIGHT HOURS
 - DESIGNATE A BIOLOGICAL MONITOR TO VERIFY ALL EQUIPMENT MOVES AT 5 MILES PER HOUR OR SLOWER TO ALLOW PROTECTED SPECIES TO VACATE THE EQUIPMENTS PATH.



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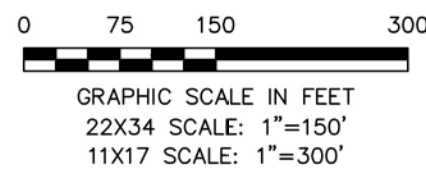


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GENERAL NOTES 2 OF 3

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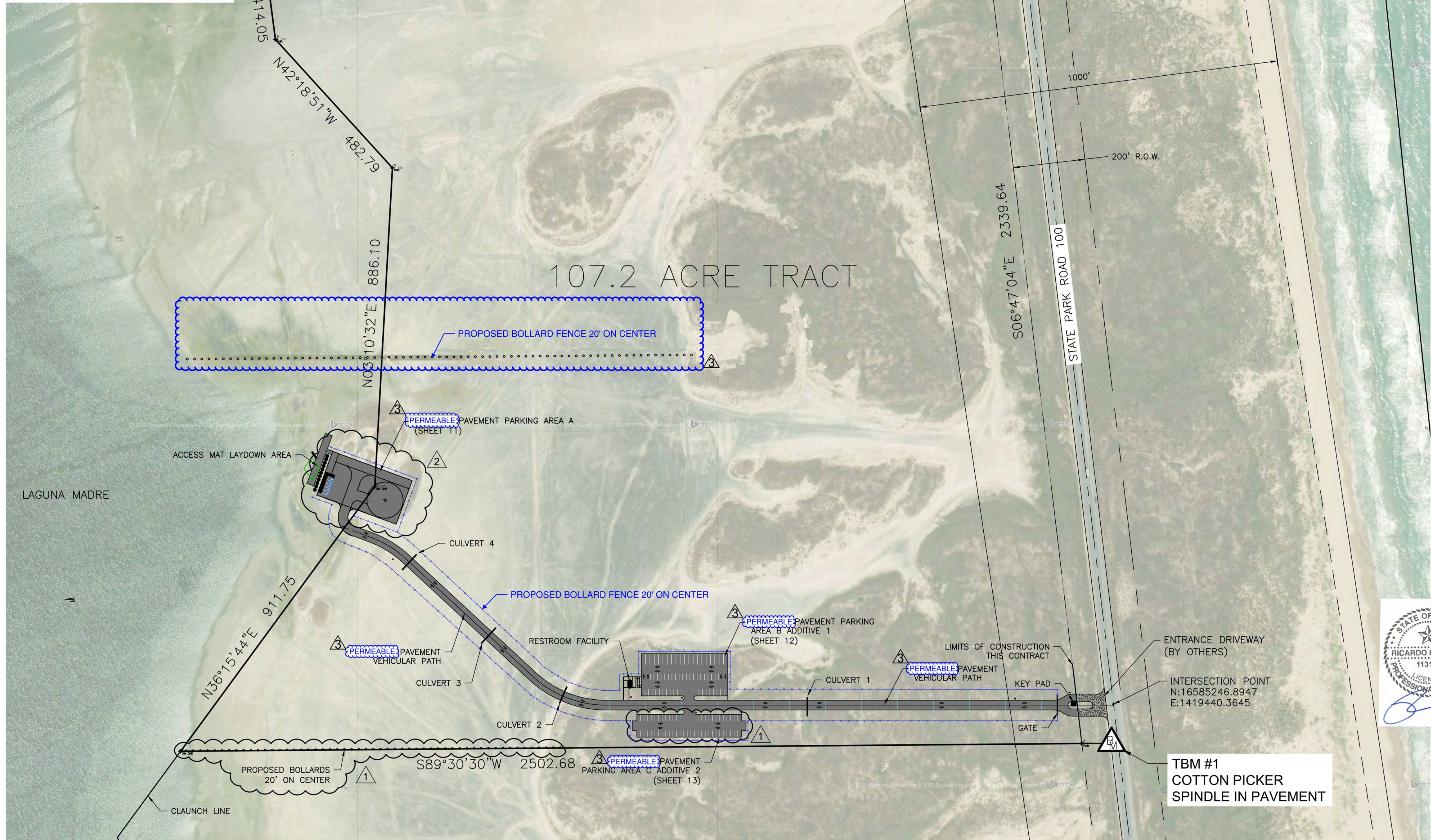
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BENCHMARK TABLE			
MARKER	DESCRIPTION	COORDINATES	ELEVATIONS
TBM#1	TBM STEEL COTTON PICKER SPINDLE	N:16585138.91 E:1419435.16	3.73

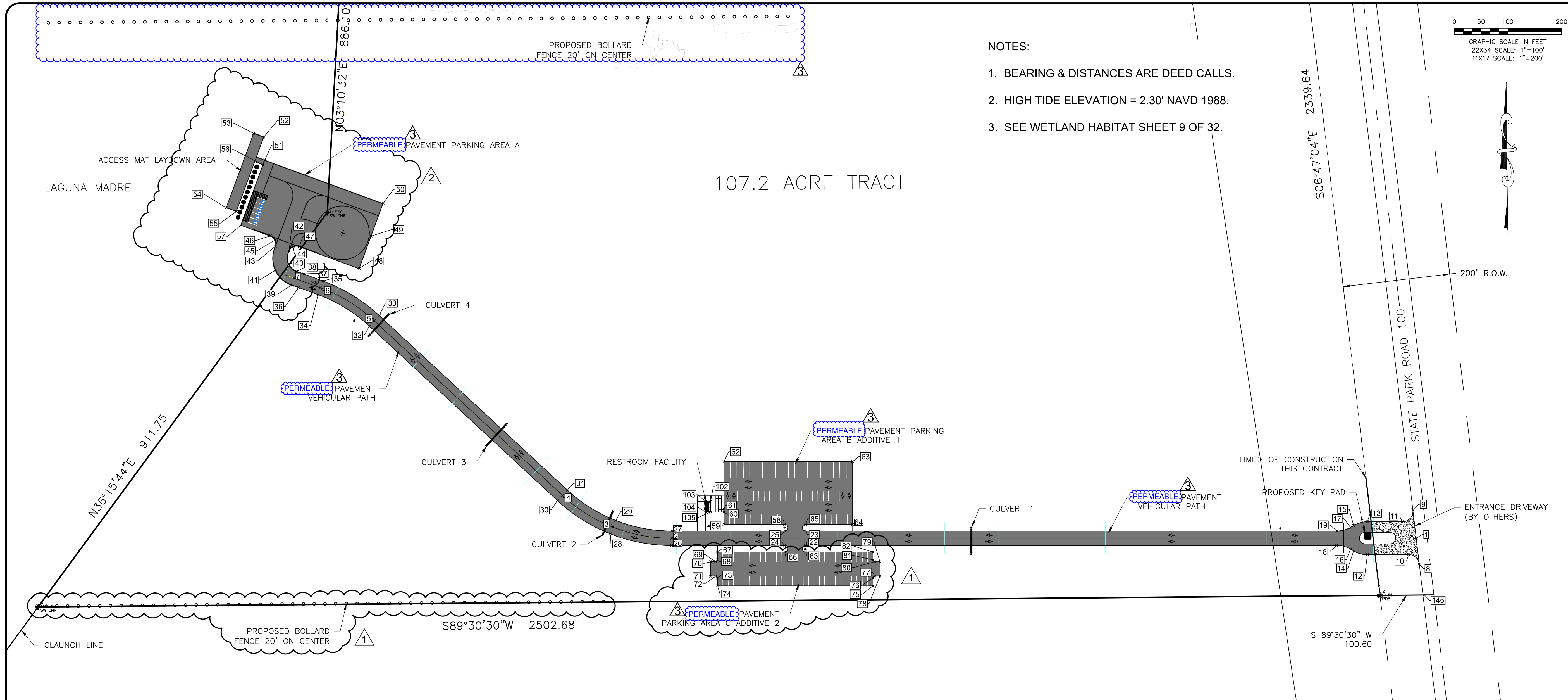
NOTES:

1. BEARING & DISTANCES ARE DEED CALLS.
2. HIGH TIDE ELEVATION = 2.30' NAVD 1988.
3. SEE WETLAND HABITAT SHEET 9 OF 32.
4. LOCATION OF STEEL COTTON PICKER SPINDLE IN PAVEMENT IS 82.54' EAST OF PROPERTY CORNER.



GENERAL SITE PLAN	SOUTH PADRE ISLAND WIND & WATER SPORTS PARK SOUTH PADRE ISLAND, TEXAS	5 5 of 27 sheets		Hanson Professional Services Inc. 780 E. Washington Street Brownsville, Texas 78520 TBP F-417 / TBP L3 F-019412 / TBP PG F-60566		1910166 1910166 AS SHOWN 10/2021	LAYOUT DRAWN REVIEWED	MAL RAR/SD/PV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
									REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
									REVISED PARKING LOT	9/28/22	RP	SED	RAR
									REVISED BID PACKAGE #1/2/2026	10/2026	RP	RP	JDLR

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- NOTES:
1. BEARING & DISTANCES ARE DEED CALLS.
 2. HIGH TIDE ELEVATION = 2.30' NAVD 1988.
 3. SEE WETLAND HABITAT SHEET 9 OF 32.

Point Table				
Point #	Northing	Easting	Elevation	Description
1	16585244.53	1419420.19	4.04	CL ROAD
2	16585244.53	1418031.85	3.33	CL ROAD
3	16585265.23	1417922.35	3.04	CL ROAD
4	16585324.47	1417827.95	3.16	CL ROAD
5	16585649.65	1417476.98	3.53	CL ROAD
6	16585711.08	1417376.84	3.38	CL ROAD
7	16585729.21	1417327.65	3.32	CL ROAD
8	16585196.28	1419425.94	3.53	EDGE OF ROAD
9	16585297.51	1419413.88	3.53	EDGE OF ROAD
10	16585213.91	1419406.08	3.72	EDGE OF ROAD
11	16585275.15	1419394.02	3.72	EDGE OF ROAD
12	16585213.91	1419329.29	3.67	EDGE OF ROAD
13	16585275.15	1419329.29	3.67	EDGE OF ROAD
14	16585220.81	1419303.54	3.73	EDGE OF ROAD
15	16585268.25	1419303.54	3.73	EDGE OF ROAD
16	16585224.13	1419297.79	3.77	EDGE OF ROAD
17	16585264.93	1419297.79	3.77	EDGE OF ROAD
18	16585231.03	1419272.04	3.82	EDGE OF ROAD
19	16585258.03	1419272.04	3.82	EDGE OF ROAD
22	16585231.03	1418281.43	3.77	EDGE OF ROAD
23	16585258.03	1418281.43	3.77	EDGE OF ROAD
24	16585231.03	1418242.43	3.67	EDGE OF ROAD
25	16585258.03	1418242.43	3.67	EDGE OF ROAD

Point Table				
Point #	Northing	Easting	Elevation	Description
26	16585231.03	1418031.85	3.19	EDGE OF ROAD
27	16585258.03	1418031.85	3.19	EDGE OF ROAD
28	16585252.66	1417917.42	2.90	EDGE OF ROAD
29	16585277.80	1417927.27	2.90	EDGE OF ROAD
30	16585314.56	1417818.78	3.02	EDGE OF ROAD
31	16585334.37	1417837.13	3.02	EDGE OF ROAD
32	16585639.75	1417467.80	3.39	EDGE OF ROAD
33	16585659.56	1417486.15	3.39	EDGE OF ROAD
34	16585698.41	1417372.17	3.24	EDGE OF ROAD
35	16585723.75	1417381.51	3.24	EDGE OF ROAD
36	16585711.70	1417336.12	3.20	EDGE OF ROAD
37	16585737.03	1417345.45	3.20	EDGE OF ROAD
38	16585741.88	1417332.32	3.18	EDGE OF ROAD
39	16585716.54	1417322.98	3.18	EDGE OF ROAD
40	16585755.64	1417317.42	3.01	EDGE OF ROAD
41	16585744.33	1417292.90	3.01	EDGE OF ROAD
42	16585779.57	1417317.97	2.02	EDGE OF ROAD
43	16585788.91	1417292.64	2.01	EDGE OF ROAD
44	16585788.04	1417325.74	2.09	EDGE OF ROAD
45	16585800.37	1417292.15	2.06	EDGE OF ROAD
46	16585808.14	1417283.71	2.12	EDGE OF ROAD
47	16585788.52	1417337.23	2.16	EDGE OF ROAD
48	16585743.72	1417448.61	1.57	EDGE OF ROAD

Point Table				
Point #	Northing	Easting	Elevation	Description
49	16585807.44	1417470.91	1.89	PARKING LOT A
50	16585867.65	1417494.04	1.57	PARKING LOT A
51	16585949.58	1417272.74	1.57	PARKING LOT A
52	16585992.16	1417270.80	1.29	PARKING LOT A
53	16585999.07	1417252.03	1.19	PARKING LOT A
54	16585860.44	1417200.94	1.19	PARKING LOT A
55	16585853.52	1417219.70	1.29	PARKING LOT A
56	16585941.39	1417269.72	1.86	PARKING LOT A
57	16585824.94	1417227.03	1.82	PARKING LOT A
58	16585270.32	1418242.43	3.80	PARKING LOT B
59	16585270.32	1418129.24	4.50	PARKING LOT B
60	16585293.32	1418129.24	4.50	PARKING LOT B
61	16585298.32	1418129.24	4.50	PARKING LOT B
62	16585370.03	1418129.24	4.12	PARKING LOT B
63	16585370.03	1418369.24	2.90	PARKING LOT B
64	16585270.32	1418369.24	3.29	PARKING LOT B
65	16585270.32	1418282.43	3.80	PARKING LOT B
66	16585218.74	1418242.43	3.55	PARKING LOT C
67	16585218.74	1418116.93	2.99	PARKING LOT C
68	16585204.24	1418116.93	2.99	PARKING LOT C
69	16585200.74	1418113.43	2.99	PARKING LOT C
70	16585200.74	1418103.93	2.99	PARKING LOT C
71	16585173.74	1418103.93	2.99	PARKING LOT C

Point Table				
Point #	Northing	Easting	Elevation	Description
72	16585173.74	1418113.43	2.99	PARKING LOT C
73	16585170.24	1418116.93	2.99	PARKING LOT C
74	16585155.74	1418116.93	2.99	PARKING LOT C
75	16585155.74	1418406.93	2.99	PARKING LOT C
76	16585170.24	1418406.93	2.99	PARKING LOT C
77	16585173.74	1418410.43	2.99	PARKING LOT C
78	16585173.74	1418419.93	2.99	PARKING LOT C
79	16585200.74	1418419.93	2.99	PARKING LOT C
80	16585200.74	1418410.43	2.99	PARKING LOT C
81	16585204.24	1418406.93	2.99	PARKING LOT C
82	16585218.74	1418406.93	2.99	PARKING LOT C
83	16585218.74	1418281.43	3.55	PARKING LOT C
102	16585313.32	1418104.24	7.00	RESTROOM
103	16585313.32	1418094.91	7.00	RESTROOM
104	16585293.32	1418094.91	7.00	RESTROOM
105	16585293.32	1418104.24	7.00	RESTROOM
145	16585138.91	1419435.16	3.73	TBM



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Hanson Professional Services Inc.

780 E. Washington Street

Brownsville, Texas 78320

Tel: 417.718.4371 Fax: 417.718.4372

HDR

HDR Engineering, Inc.

TBPELS Firm

Registration No. F-754

HORIZONTAL & VERTICAL

CONTROL PLAN

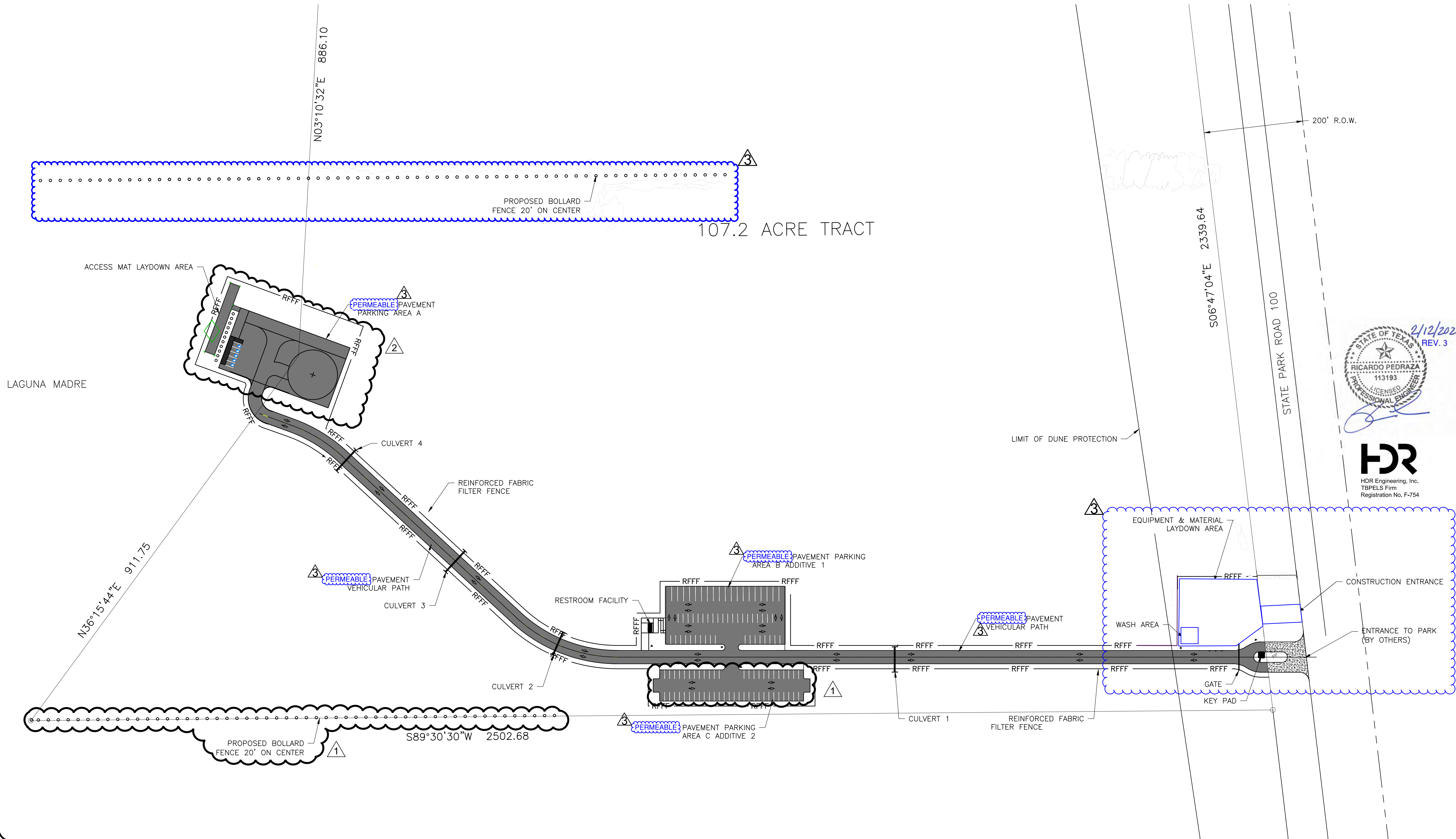
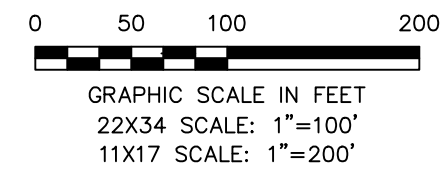
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LEGEND

RFFF REINFORCED FILTER FABRIC FENCE



HDR
HDR Engineering, Inc.
TBPELS Firm
Registration No. F-754

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
2	REVISED BID PACKAGE	09/28/22	SED	SED	RAR
3	REVISED BID PACKAGE	12/20/26	RP	RP	JDLR



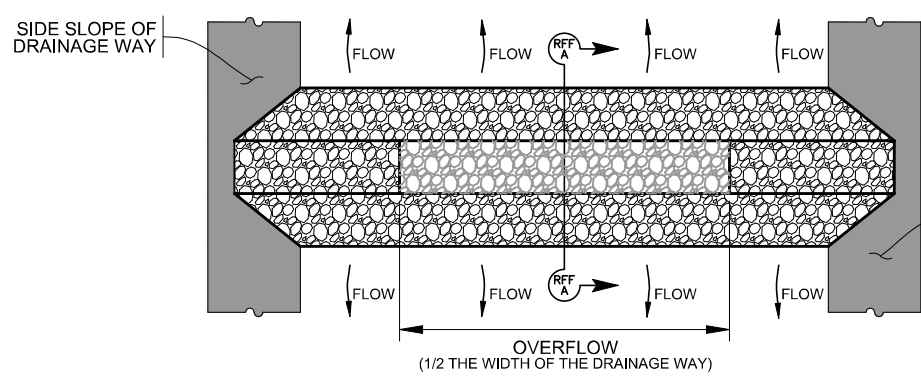
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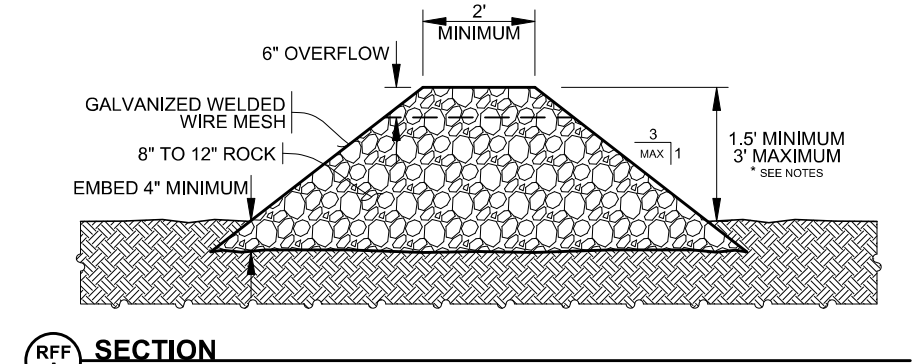
HANSON
Hanson Professional Services Inc.
780 E. Washington Street
Brownsville, Texas 78320
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STORM WATER POLLUTION PREVENTION PLAN

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS



PLAN
NOT TO SCALE



SECTION
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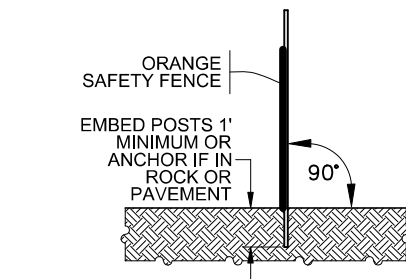
ROCK FILTER FENCE (RFF)

NOT TO SCALE

- ROCK FILTER FENCE (RFF) NOTES:**
1. SHALL BE INSTALLED AS SOON AS PRACTICABLE.
 2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL DISTURBED AREA IS STABILIZED BY PERMANENT MEASURES AND ENGINEER APPROVES REMOVAL.
 3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
 4. SILT ACCUMULATION OF 1/3 THE HEIGHT OF THE ROCK FILTER FENCE SHALL BE REMOVED PRIOR TO A STORM EVENT AND IMMEDIATELY AFTERWARDS.

- ROCK FILTER FENCE REQUIREMENTS:**
1. ROCK MATERIAL: SHALL BE 8 INCH TO 12 INCH DIAMETER ROCK.
 2. SIZE: SHALL BE A MINIMUM HEIGHT OF 18 INCHES, A MAXIMUM HEIGHT OF 36" OR 6' BELOW TOP OF THE DRAINAGE WAY WHICHEVER IS LESS. A MINIMUM WIDTH OF 24 INCHES AT THE TOP. A OVERFLOW AREA SHALL BE CENTERED IN THE DRAINAGE WAY WITH DEPTH OF 6" AND A MINIMUM WIDTH OF 1/2 THE DRAINAGE WAY WIDTH.
 3. WIRE MATERIAL: SHALL BE GALVANIZED WELDED WIRE MESH 1/2 GAUGE MINIMUM WITH A MAXIMUM OPENING SIZE OF 2" x 4".
 4. PLACEMENT: THE ROCK MATERIAL SHALL BE HAND OR MECHANICALLY PLACED WITHIN THE WIRE MATERIAL CAGE.
 5. IMMEDIATELY REPLACE OR REPAIR WIRE MATERIAL THAT IS DAMAGED OR DETERIORATING.

ORTHO
NOT TO SCALE



SECTION
NOT TO SCALE

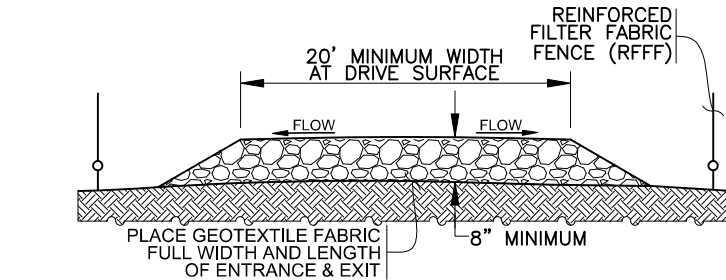
ORANGE SAFETY FENCE (OSF)

NOT TO SCALE

- ORANGE SAFETY FENCE (OSF) NOTES:**
1. SHALL BE INSTALLED AS SOON AS POSSIBLE TO ALERT PEOPLE OF POTENTIAL DANGERS, TO PREVENT ACCIDENTS, AND TO PROTECT AREAS FROM REING ACCESS AND/OR DAMAGED.
 2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL THE USE OF IS NO LONGER NEEDED AND THE ENGINEER OR OWNER APPROVES REMOVAL.
 3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
 4. REPLACE IMMEDIATELY IF DAMAGED, DETERIORATING AND/OR IF COLOR HAS FADED.

- ORANGE SAFETY FENCE (OSF) REQUIREMENTS:**
1. FENCE MATERIAL: POLYETHYLENE MATERIAL WITH ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM SIX (6) MONTH USABILITY. COLOR MUST BE ORSA SAFETY ORANGE.
 2. FENCE SIZE: SHALL BE A MINIMUM OF 4 FEET IN HEIGHT ABOVE GRADE WITH A MAXIMUM 2" x 4" OPENINGS.
 3. STAKE MATERIAL: T-POST SHALL BE 6 FEET IN HEIGHT MADE FROM STEEL WHICH IS PAINTED.
 4. TIE MATERIAL: SHALL BE PLASTIC ZIP TIES WHICH WILL SECURE THE ORANGE SAFETY FENCE TO THE GROUND.
 5. PLACEMENT: AS SHOWN ON PLANS AND AS SHOWN IN DETAIL. ORANGE SAFETY FENCE (OSF).

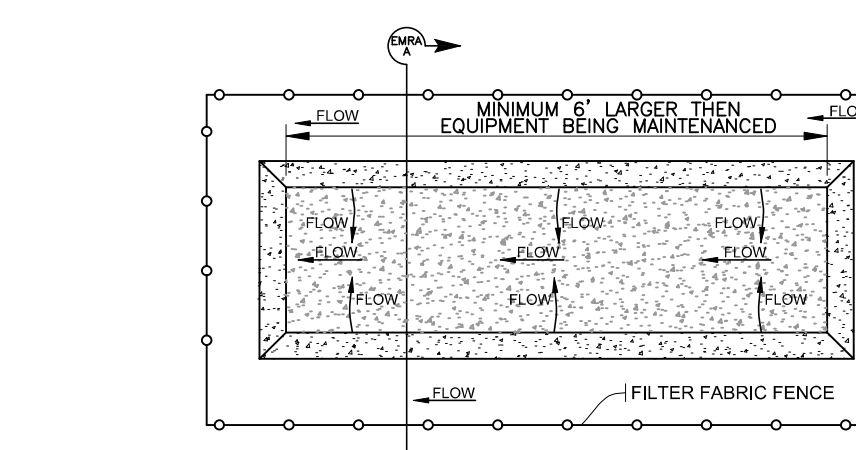
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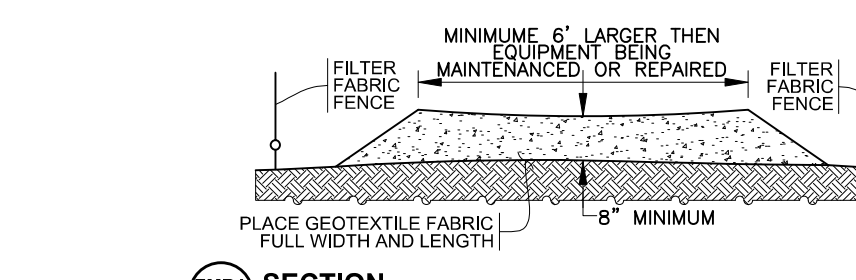
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STABILIZED CONSTRUCTION ENTRANCE & EXIT (SCEE)

NOT TO SCALE



PLAN
NOT TO SCALE



SECTION
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EQUIPMENT MAINTENANCE & REPAIR AREA (EMRA)

NOT TO SCALE

EQUIPMENT MAINTENANCE & REPAIR AREA (EMRA) NOTES:

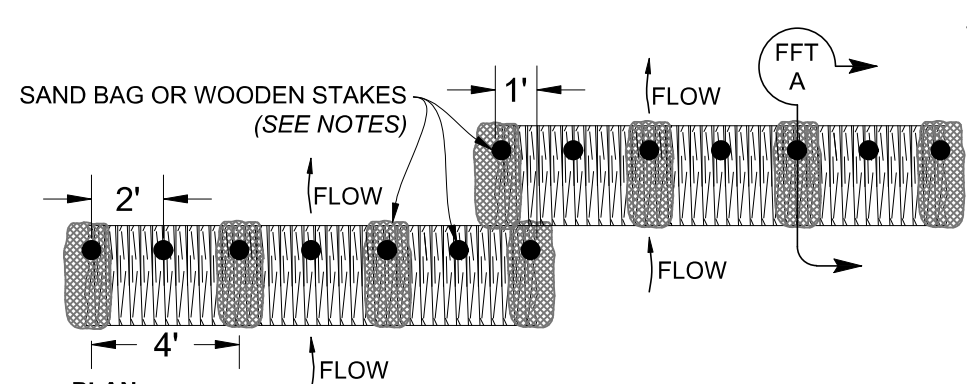
1. SHALL BE INSTALLED BEFORE ANY MAINTENANCE AND REPAIRS ARE TO BE PERFORMED ON ANY CONSTRUCTION EQUIPMENT ON SITE. THIS INCLUDES BUT NOT LIMITED TO ADDING ALL FLUIDS (OIL, OE, ETC.)
2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL MAINTENANCE AND REPAIR TO CONSTRUCTION EQUIPMENT IS NO LONGER TO BE PERFORMED ON SITE.
3. INSPECTION OF THIS AREA IS TO BE MADE BY THE CONTRACTOR ONLY. AFTER MAINTENANCE AND REPAIRS HAVE BEEN COMPLETED, ALL MATERIALS THAT ARE COLELECTED SHALL BE PROPERLY DISPOSED OF.

EQUIPMENT MAINTENANCE & REPAIR AREA (EMRA) REQUIREMENTS:

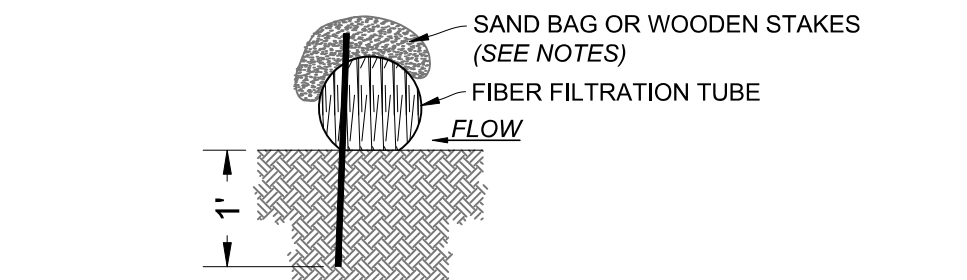
1. GEOTEXTILE FABRIC MATERIAL: WOVEN OR NONWOVEN FABRIC WHICH IS PREVIOUS MAINTAINED.
2. SAND: SHALL CONSIST OF NON-COHESIVE CLAY FREE AND BE NON-DETERIORATING MATERIAL WITH A MINIMUM DEPTH AT ALL TIMES OF 8 INCHES.
3. BAG SIZE: SHALL BE A MINIMUM LENGTH AND WIDTH OF 18 INCHES, A WIDTH OF 12 INCHES, A THICKNESS OF 3 INCHES AND WEIGH APPROXIMATELY 33 LBS.
4. FILL MATERIAL: SHALL BE NON-COHESIVE, CLAY FREE AND NON-DETERIORATING MATERIAL.
5. PLACEMENT: BUTT ENDS OR SIDES OF BAGS TIGHTLY AGAINST EACH OTHER.
6. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR. IMMEDIATELY REPLACE SANDBAGS THAT ARE DAMAGED OR DETERIORATING.

SW NOTES

1. SHALL BE INSTALLED AS SOON AS PRACTICABLE.
2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL DISTURBED AREA IS STABILIZED BY PERMANENT MEASURES.
3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
4. WHEN SILT ACCUMULATION OF 1/3 THE HEIGHT HAS OCCURRED, THE SILT SHALL BE REMOVED. SILT SHALL BE REMOVED PRIOR TO A STORM EVENT.
5. SAND BAGS SHALL BE USED ONLY WHEN THE UNDERLYING MATERIAL IS CONCRETE, ASPHALT OR OTHER HARD SURFACE.



PLAN
NOT TO SCALE



SECTION
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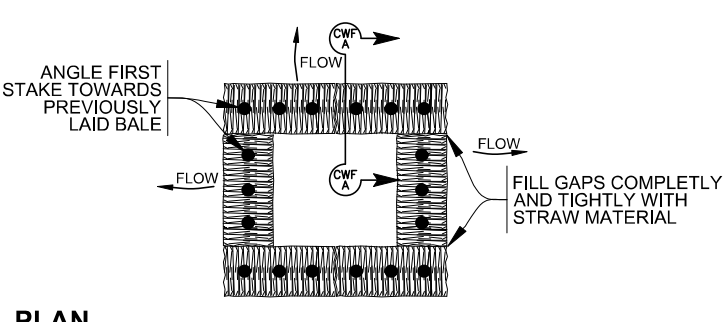
STRAW WATTLES (SW)

NOT TO SCALE

SW MATERIAL REQUIREMENTS

1. STRAW WATTLE
1.1. FIBER MATERIAL - SHALL BE COMPOSED OF PHYTO-SANITIZED WOOD FIBER AND MAN-MADE FIBER MATERIAL APPROVED BY ENGINEER.
- 1.2. SIZE - SHALL BE A MINIMUM LENGTH OF 72 INCHES, A DIAMETER OF 9 INCHES, AND WEIGH A MINIMUM OF 6 LBS.
- 1.3. TUBING - SHALL BE A HEAVY-DUTY, KNITTED, HIGH DENSITY POLYETHYLENE MESH.
2. STAKE
2.1. WOOD
2.1.1. 2"x2" BY REQUIRED LENGTH MADE FROM NON-TREATED LUMBER WHICH IS FREE OF ANY DEFECTS.
- 2.2. STEEL
2.2.1. 3/8" DIAMETER BY REQUIRED LENGTH
3. SANDBAG REQUIREMENTS
3.1. BAG MATERIAL - WOVEN POLYPROPYLENE OR POLYETHYLENE FABRIC WITH A MULLEN BURST STRENGTH EXCEEDING 300 PSI (ASTM D-3786) AND ULTRAVIOLET RAY STABILITY EXCEEDING 70% (ASTM D-4355). BURLAP MATERIAL IS NOT ACCEPTABLE.
- 3.2. BAG COLOR - SHALL BE SAFETY ORANGE AND IF ROADWAY IS MAINTAINED BY TxDOT THEN THE CURRENT TxDOT STANDARDS SHOULD BE USED.
- 3.3. BAG SIZE - FILLED BAG SHALL BE A MINIMUM LENGTH OF 18 INCHES, A WIDTH OF 12 INCHES, A THICKNESS OF 3 INCHES AND WEIGH APPROXIMATELY 33 LBS.
- 3.4. FILL MATERIAL - SHALL BE NON-COHESIVE, CLAY FREE AND NON-DETERIORATING MATERIAL.
4. MAINTENANCE OF MATERIALS
4.1. IMMEDIATELY REPLACE ANY MATERIALS THAT ARE DAMAGED OR DETERIORATING.

NOT TO SCALE



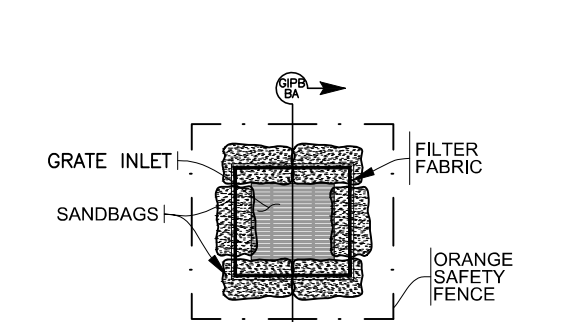
PLAN
NOT TO SCALE

- CONCRETE WASHOUT FENCE (CWF) NOTES:**
1. SHALL BE INSTALLED PRIOR TO COMMENCING DEWATERING ACTIVITIES OF AN AREA.
 2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL DEWATERING OF THE AREA IS COMPLETED.
 3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
 4. ONCE SILT ACCUMULATION OF 1/3 THE HEIGHT OF THE STRAW BALE FENCE HAS OCCURRED, THE RESIDUAL SHALL BE REMOVED BEFORE CONTINUING WITH DEWATERING ACTIVITIES.
 5. EXCAVATION OF THE INSIDE GROUND MAY OCCUR WITH APPROVAL OF THE ENGINEER.
- CONCRETE WASHOUT FENCE (CWF) REQUIREMENTS:**
1. STRAW BALE MATERIAL: SHALL BE COMPOSED OF VEGETATIVE MATERIAL APPROVED BY ENGINEER.
 2. STRAW BALE SIZE: SHALL BE A MINIMUM LENGTH OF 30 INCHES, A WIDTH OF 14 INCHES, A HEIGHT OF 18 INCHES AND WEIGH A MINIMUM OF 50 LBS.
 3. BINDINGS: SHALL BE OF WIRE (14 GAUGE MIN.), NYLON OR POLYPROPYLENE ROPE (1/2 GAUGE MIN.), JUTE AND COTTON BINDING IS NOT ALLOWED.
 4. STRAW BALE PLACEMENT: STRAW BALES SHALL BE PLACED TIGHT AGAINST EACH OTHER. ANY GAPS SHALL BE FILLED COMPLETELY WITH STRAW MATERIAL. EMBED INTO THE SOIL A MINIMUM OF 4 INCHES AND A MAXIMUM OF 8 INCHES. BALES MAY NOT BE STACKED ON TOP OF EACH OTHER.
 5. STAKE MATERIAL: WOOD STAKE - MADE FROM NON-TREATED LUMBER OF SHAPE AND SIZE STATED WHICH IS FREE OF ANY DEFECTS.
 6. POLYETHYLENE: SHALL BE OF 8 MIL MINIMUM BLACK WITH OVERLAP EDGE OF 1/2 INCH AND 1 INCH LAP ON THE STRAW BALE WHICH IS ANCHORED TO THE GROUND AND STRAW BALE.
 7. CONCRETE WASHOUT SIZE: OVERALL SIZE VARIES DEPENDING ON THE AMOUNT OF WASHING THAT WILL BE DONE. THE SIZE SHALL BE SUFFICIENT SO THAT WASH WATER WILL NOT BE REUSED.
 8. IMMEDIATELY REPLACE STRAW BALES THAT ARE DAMAGED OR DETERIORATING.
 9. REMOVAL OF THIS DEVICE WILL INCLUDE ALL MATERIALS AND ALL RESIDUE NEAR THE DEVICE. THE ENGINEER, EXISTING OR PROPOSED GRADES MUST BE OBTAINED DEPENDING ON LOCATION.

SECTION
NOT TO SCALE

CONCRETE WASHOUT FENCE (CWF)

NOT TO SCALE



PLAN
NOT TO SCALE

- GRATE INLET PROTECTION BARRIER TYPE B (GIPBB) NOTES:**
1. SHALL BE INSTALLED AS SOON AS PRACTICABLE PRIOR TO BEGINNING CONSTRUCTION AT EACH ENTRANCE AND EXIT.
 2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL DISTURBED AREA IS STABILIZED BY PERMANENT MEASURES AND THE ENGINEER APPROVES REMOVAL.
 3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
 4. ONCE SILT ACCUMULATION OF 1/3 THE HEIGHT OF THE FILTER FABRIC FENCE HAS OCCURRED, THE RESIDUAL SHALL BE REMOVED BEFORE CONTINUING WITH CONSTRUCTION ACTIVITIES.
 5. EXCAVATION OF THE INSIDE GROUND MAY OCCUR WITH APPROVAL OF THE ENGINEER.
- GRATE INLET PROTECTION BARRIER TYPE B (GIPBB) REQUIREMENTS:**
1. BAG MATERIAL: WOVEN POLYPROPYLENE OR POLYETHYLENE FABRIC WITH A MULLEN BURST STRENGTH EXCEEDING 300 PSI (ASTM D-3786) AND ULTRAVIOLET RAY STABILITY EXCEEDING 70% (ASTM D-4355). BURLAP MATERIAL IS NOT ACCEPTABLE.
 2. BAG COLOR: SHALL BE SAFETY ORANGE AND IF ROADWAY IS MAINTAINED BY TxDOT THEN THE CURRENT TxDOT STANDARDS SHOULD BE USED.
 3. BAG SIZE: FILLED BAG SHALL BE A MINIMUM LENGTH OF 18 INCHES, A WIDTH OF 12 INCHES, A THICKNESS OF 3 INCHES AND WEIGH APPROXIMATELY 33 LBS.
 4. FILL MATERIAL: SHALL BE NON-COHESIVE, CLAY FREE AND NON-DETERIORATING MATERIAL.
 5. PLACEMENT: BUTT ENDS OR SIDES OF BAGS TIGHTLY AGAINST EACH OTHER.
 6. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR. IMMEDIATELY REPLACE SANDBAGS THAT ARE DAMAGED OR DETERIORATING.

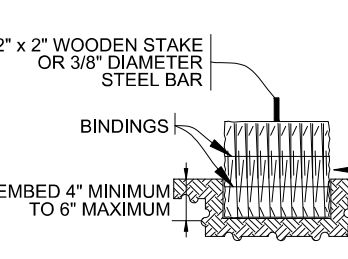
SECTION
NOT TO SCALE

GRATE INLET PROTECTION BARRIER TYPE B (GIPBB)

NOT TO SCALE

DEWATERING FENCE (DF) NOTES:

1. SHALL BE INSTALLED AS SOON AS PRACTICABLE PRIOR TO COMMENCING DEWATERING ACTIVITIES OF AN AREA.
2. SHALL REMAIN IN PLACE AND MAINTAINED UNTIL DEWATERING OF THE AREA IS COMPLETED.
3. DAILY INSPECTION IS TO BE MADE BY THE CONTRACTOR.
4. ONCE SILT ACCUMULATION OF 1/3 THE HEIGHT OF THE STRAW BALE FENCE HAS OCCURRED, THE RESIDUAL SHALL BE REMOVED BEFORE CONTINUING DEWATERING ACTIVITIES.



PLAN
NOT TO SCALE

- DEWATERING FENCE (DF) REQUIREMENTS:**
1. STRAW BALE MATERIAL: SHALL BE COMPOSED OF VEGETATIVE MATERIAL APPROVED BY ENGINEER.
 2. STRAW BALE SIZE: SHALL BE A MINIMUM LENGTH OF 30 INCHES, A WIDTH OF 14 INCHES, A HEIGHT OF 18 INCHES AND WEIGH A MINIMUM OF 50 LBS.
 3. BINDINGS: SHALL BE OF WIRE (14 GAUGE MIN.), NYLON OR POLYPROPYLENE ROPE (1/2 GAUGE MIN.), JUTE AND COTTON BINDING IS NOT ALLOWED.
 4. STRAW BALE PLACEMENT: STRAW BALES SHALL BE PLACED TIGHT AGAINST EACH OTHER. ANY GAPS SHALL BE FILLED COMPLETELY WITH STRAW MATERIAL. EMBED INTO THE SOIL A MINIMUM OF 4 INCHES AND A MAXIMUM OF 8 INCHES.
 5. STAKE MATERIAL: WOOD STAKE - MADE FROM NON-TREATED LUMBER OF SHAPE AND SIZE STATED WHICH IS FREE OF ANY DEFECTS.
 6. STEEL BAR REINFORCEMENT: SHALL BE A MINIMUM 3/8 INCH IN DIAMETER.
 7. DEWATERING FENCE (DF) SIZE: OVERALL SIZE VARIES DEPENDING ON THE PUMP. THE SIZE SHALL BE SUFFICIENT SO THAT WATER DOES NOT TOP THE STRAW BALES.
 8. IMMEDIATELY REPLACE STRAW BALES THAT ARE DAMAGED OR DETERIORATING.

SECTION
NOT TO SCALE

DEWATERING FENCE (DF)

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DEWATERING FENCE (DF)

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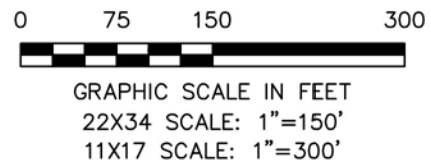
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MAR 22, 2023 2:58 PM LOYA01776
I:\19JOBS\1910166\CAD\SITE\1910166- WETLAND HABITAT EFFECTED.DWG



HABITAT TYPES

- COASTAL PRAIRIE (30.84 AC)
- BRACKISH MARSH (5.79 AC)
- SALT MARSH (9.20 AC)
- TIDAL FLAT (85.27 AC)
- TIDAL POOL (1.40 AC)

NOTES:
SEE SPECIAL CONDITIONS OF USACE
PERMIT SWG-2018-00232 FOR
ADDITIONAL CONSTRUCTION
REQUIREMENTS.

HIGH TIDE LINE = 2.3' NAVD



REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
2	REVISED BID PACKAGE #1/2/2026	09/28/22	RP	SED	RAR
3	REVISED BID PACKAGE #1/2/2026	10/20/21	RP	RP	JDLR

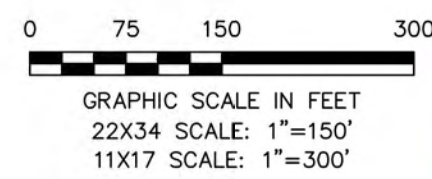


Hanson No.	1910166	LAYOUT	MAL	RAR/SDPV
File name	1910166	DRAWN		
Scale	AS SHOWN	REVIEWED		
Date	10/20/21			

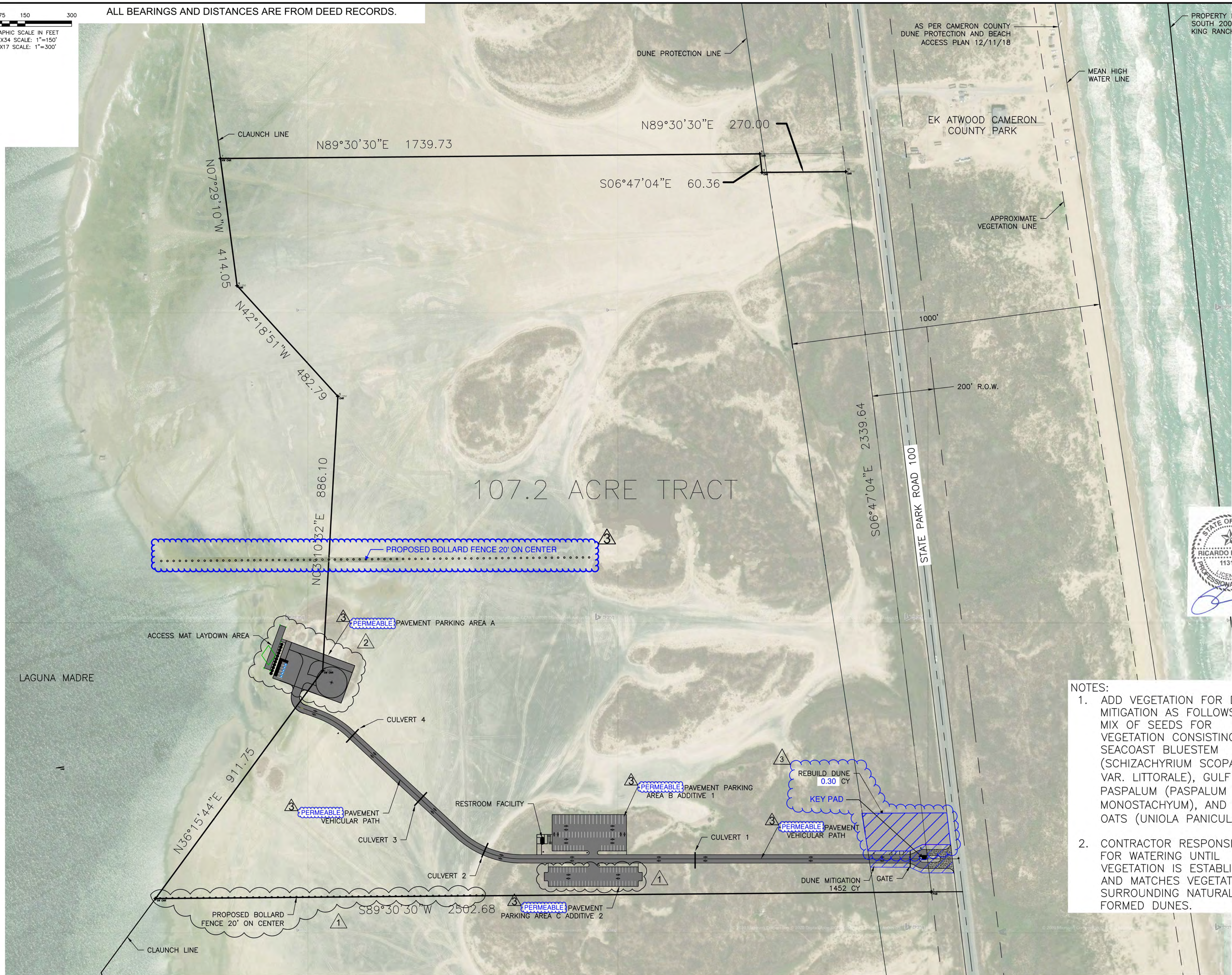


HANSON
Hanson Professional Services Inc.
789 E. Washington Street
Brownsville, Texas 78520
TBP-E-417 / TBP-AS-F-018412 / TBP-G-F-6056

MAR 22, 2023 2:54 PM LOYA01776
I:\19JOBS\1910166\CAD\SITE SHEET\1910166-BEACH AND DUNE CONSTRUCTION.DWG



ALL BEARINGS AND DISTANCES ARE FROM DEED RECORDS.

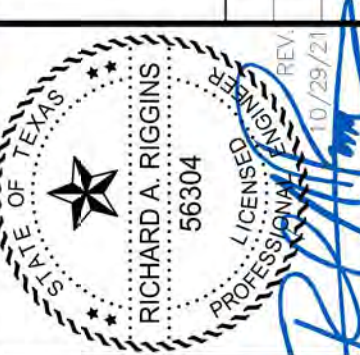


- NOTES:
1. ADD VEGETATION FOR DUNE MITIGATION AS FOLLOWS: USE MIX OF SEEDS FOR VEGETATION CONSISTING OF SEACOAST BLUESTEM (SCHIZACHYRIUM SCOPARIUM VAR. LITTORALE), GULF DUNE PASPALUM (PASPALUM MONOSTACHYUM), AND SEA OATS (UNIOLA PANICULATA).
 2. CONTRACTOR RESPONSIBLE FOR WATERING UNTIL VEGETATION IS ESTABLISHED AND MATCHES VEGETATION IN SURROUNDING NATURALLY FORMED DUNES.

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
2	REVISED PARKING LOT	09/28/22	SED	SED	RAR
3	REVISED BID PACKAGE	2/12/2026	RP	RP	JDLR



1910166	1910166	AS SHOWN	10/2021
FILE NAME	SCALE	DATE	

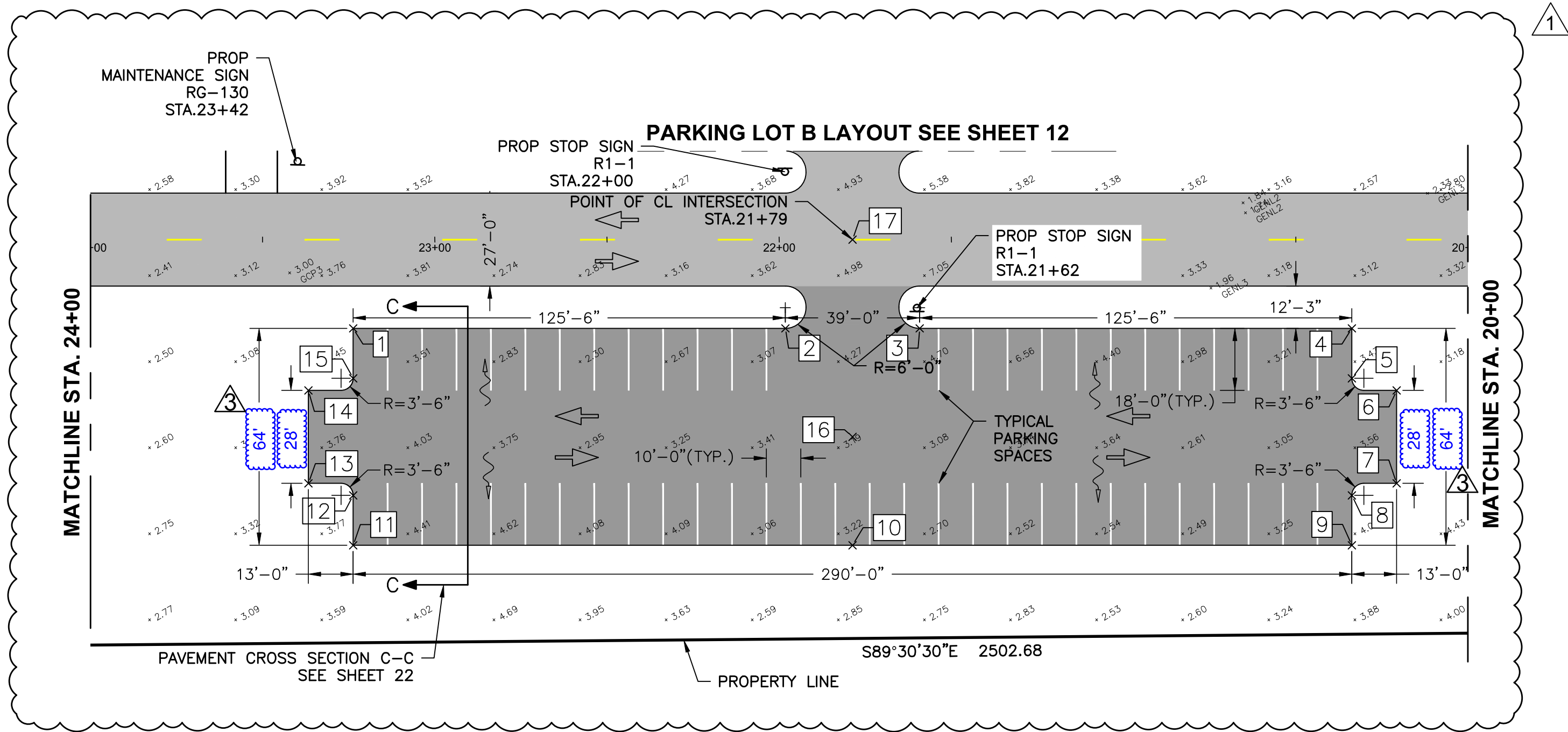


DUNE IMPACT

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

10

10 of 27 sheets



1

Point Table				
Point #	Elevation	Northing	Easting	Description
1	2.99	16585218.74	1418116.93	TOP OF PAVEMENT
2	3.55	16585218.74	1418242.43	TOP OF PAVEMENT
3	3.55	16585218.74	1418281.43	TOP OF PAVEMENT
4	2.99	16585218.74	1418406.93	TOP OF PAVEMENT
5	2.99	16585204.24	1418406.93	TOP OF PAVEMENT
6	2.99	16585200.74	1418419.93	TOP OF PAVEMENT
7	2.99	16585172.74	1418419.93	TOP OF PAVEMENT
8	2.99	16585169.24	1418406.93	TOP OF PAVEMENT
9	2.99	16585154.74	1418406.93	TOP OF PAVEMENT
10	3.64	16585155.74	1418261.93	TOP OF PAVEMENT
11	2.99	16585154.74	1418116.93	TOP OF PAVEMENT
12	2.99	16585169.24	1418116.93	TOP OF PAVEMENT
13	2.99	16585172.74	1418103.93	TOP OF PAVEMENT
14	2.99	16585200.74	1418103.93	TOP OF PAVEMENT
15	0.00	16585204.24	1418116.93	TOP OF PAVEMENT
16	3.80	16585187.24	1418261.93	TOP OF PAVEMENT
17	3.86	16585244.53	1418261.93	CL INTERSECTION



HDR Engineering, Inc.
TBPELS Firm
Registration No. F-754



LEGEND

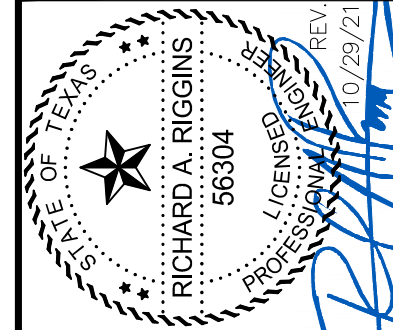
- TRAFFIC FLOW ARROW
- WATER FLOW ARROW
- PARKING LOT C AREA
- ENTRANCE ROAD WORK AREA
- PROPOSED SIGN

NOTES:

THE NUMBER OF AVERAGE PARKING
SPACES IS: 53

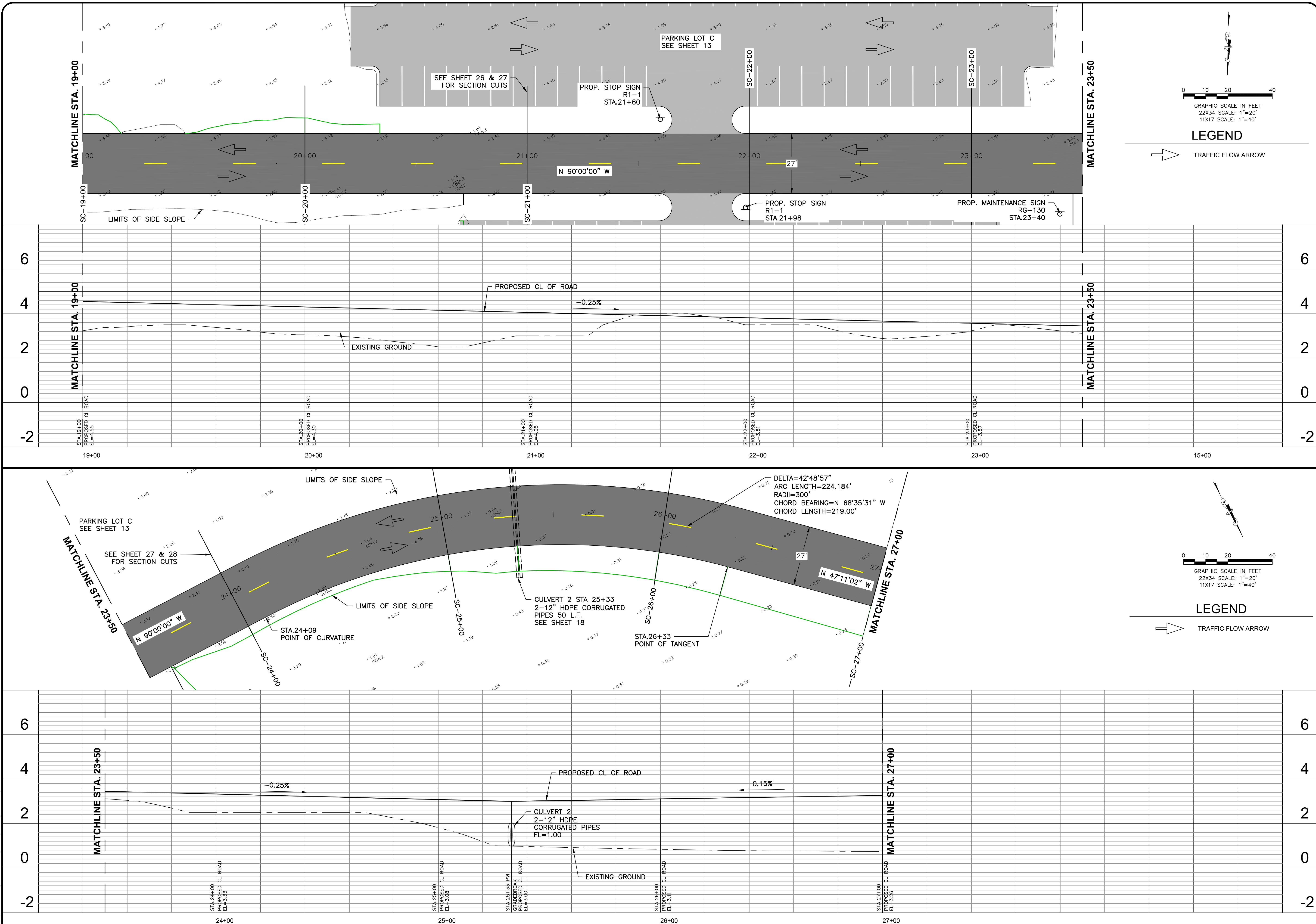


Hanson No.	19LO166	LAYOUT	MAL	RAR/SDPV
Filename	19LO166	DRAWN	REV	
Scale	AS SHOWN			
Date	10/20/21			




PARKING LOT C LAYOUT
ADDITIVE 2

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

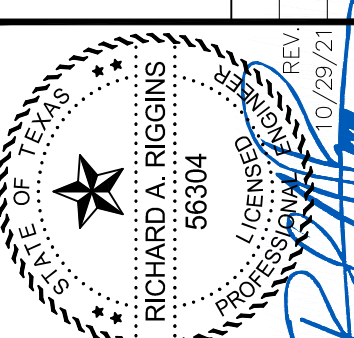


REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED



19\LO166
File name
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AS SHOWN
Scale
10/2021
Date

LAYOUT
DRAWN
MAL
REV
RAN/SDPV



HANSON
Professional Services Inc.
780 E. Washington Street
Brownsville, Texas 78320
T8E1-417.7 T8F-537-0184/12 / T8PG F-6066

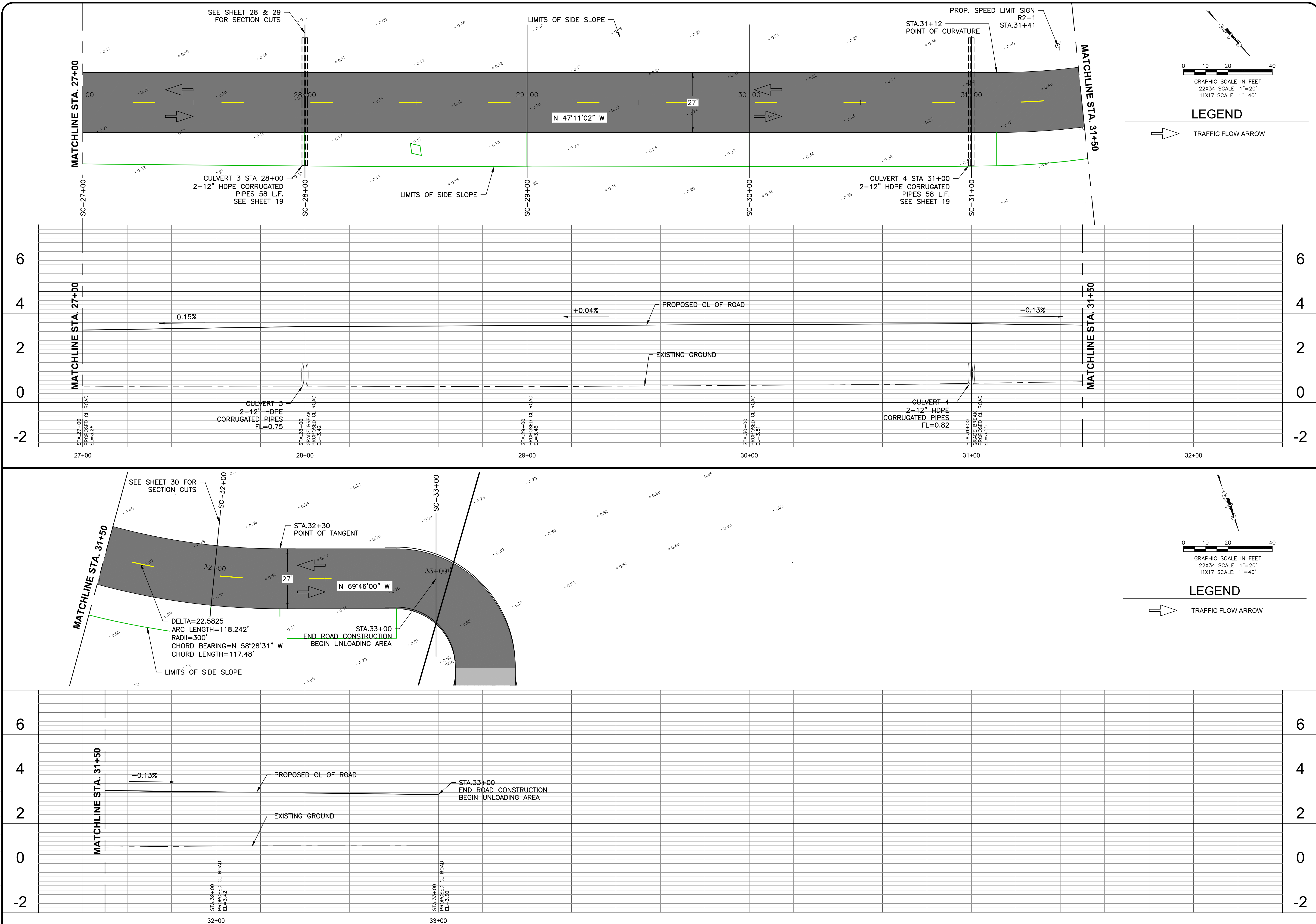
PROPOSED ROAD LAYOUT
PLAN & PROFILE
STA. 19+00 - STA. 27+00

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

15

15 of 27 sheets

DEC 30, 2022 1:03 PM LOYA01776
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REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED

South Padre Island

Hanson No. 1910166	File name 1910166	Scale AS SHOWN	Date 10/20/21
LAYOUT			
DRAWN MML			
REVIEWED RAR/SDPV			

RICHARD A. RIGGINS
PROFESSIONAL ENGINEER
10/29/21

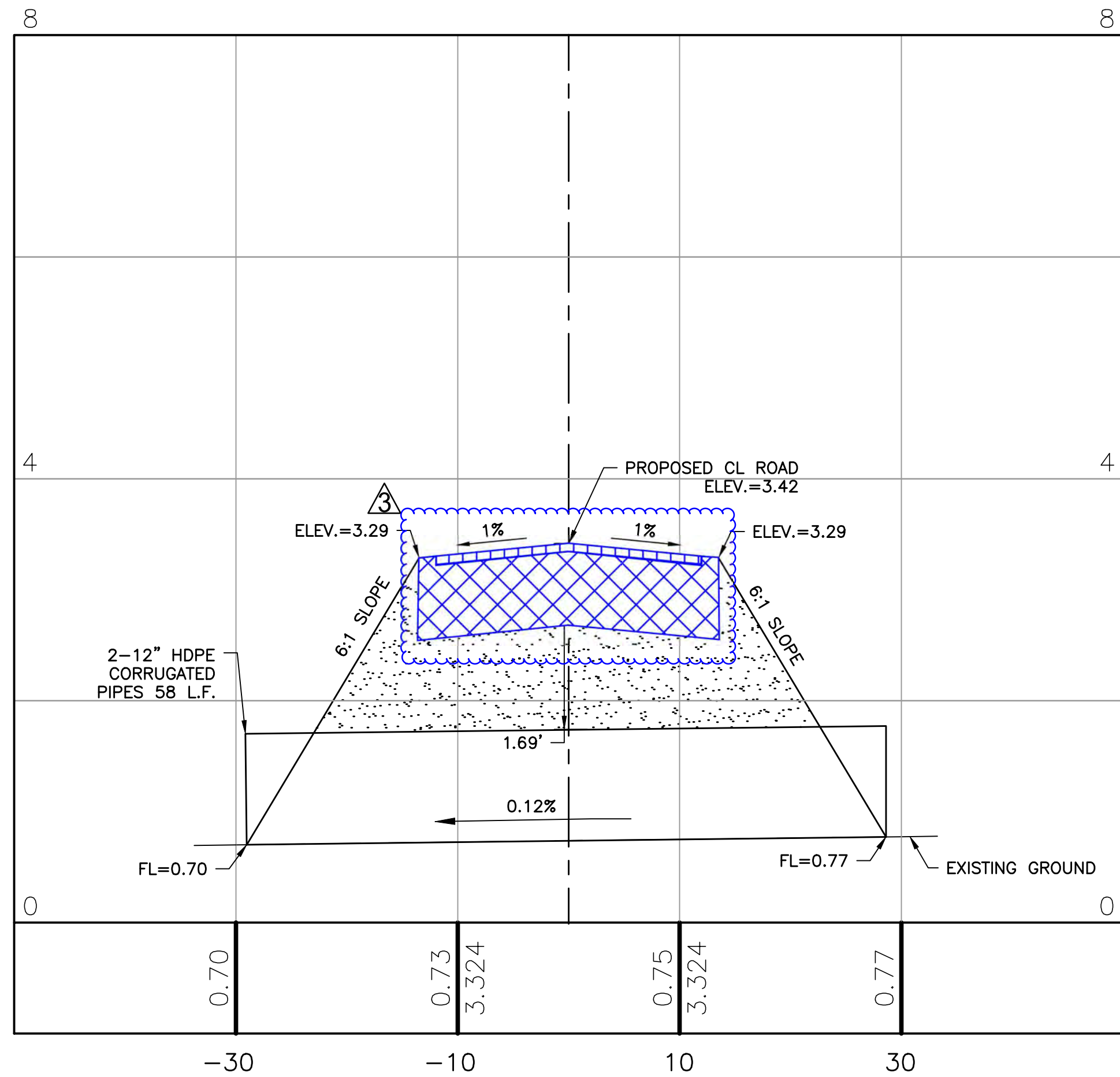
HANSON
Professional Services Inc.
780 E. Washington Street
Brownsville, Texas 78320
T8E1-417 / T8P3-71018412 / T8PG F-5056

**PROPOSED ROAD LAYOUT
PLAN & PROFILE
STA. 27+00 - STA. 33+00**

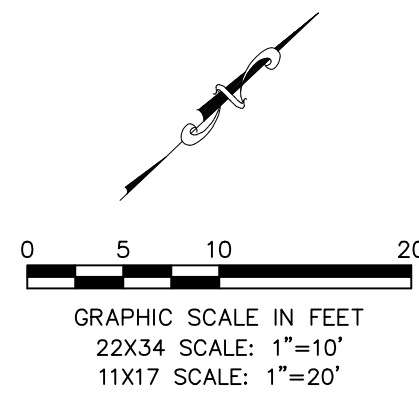
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16 of 27 sheets

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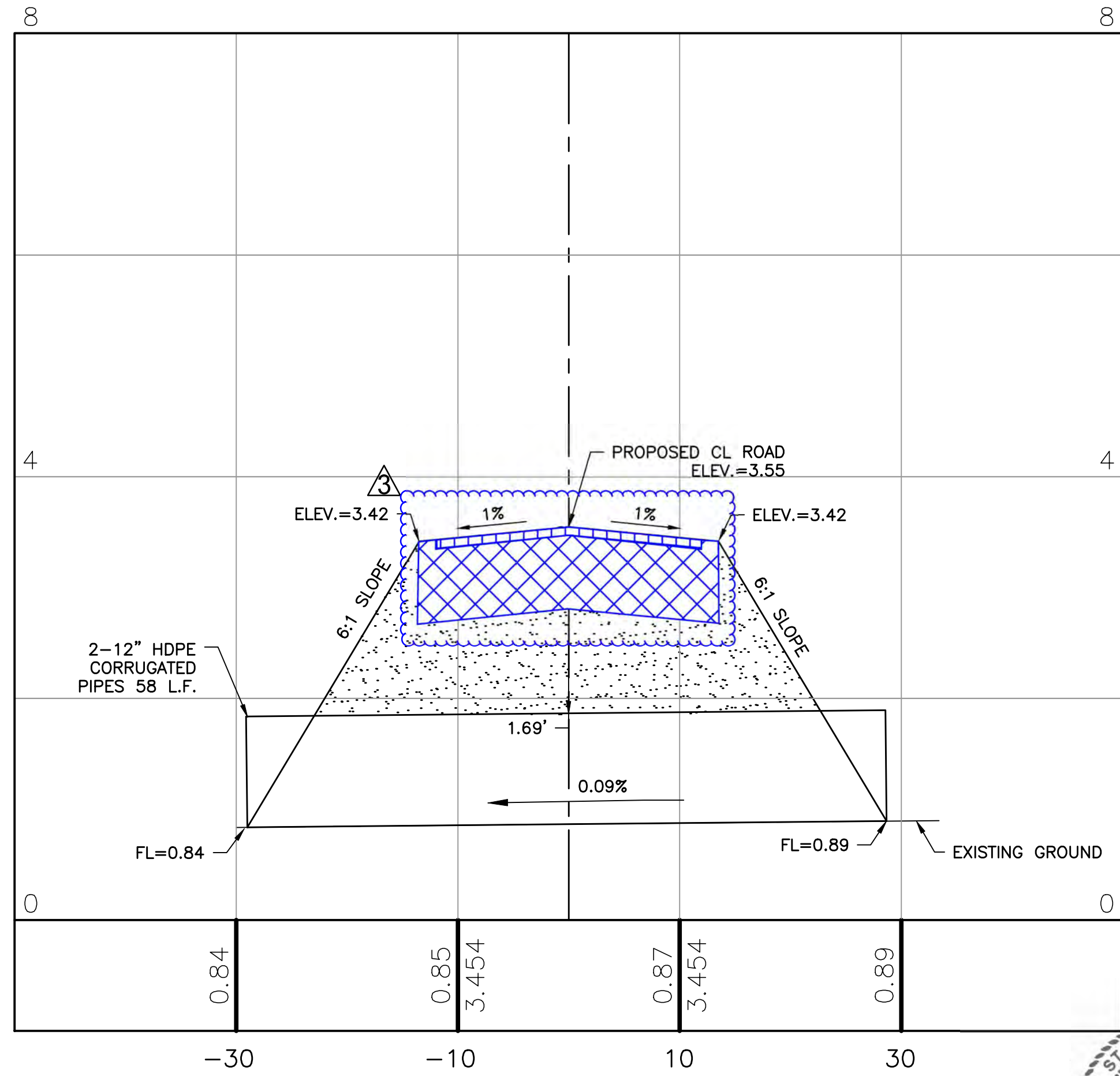


3 CULVERT @ STA.28+00
SCALE: 1"=10'



LEGEND


- TRAFFIC FLOW ARROW
- WATER FLOW ARROW
- COMPACTED SAND
- PERMEABLE PLASTIC PAVER
- COMPACTED NO. 57 STONE AGGREGATE



4 CULVERT @ STA.31+00
SCALE: 1"=10'



REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED BID PACKAGE 2/12/2026		RP	RP	JDLR



Hanson Professional Services Inc.
780 E. Washington Street
Brownsville, Texas 78320
TBEPL-417.7 TBEPL-018412 TBEPL F-50566

PROPOSED CULVERT LAYOUT
PLAN & PROFILE

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

18

18 of 27 sheets

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Point Table				
Point #	Elevation	Northing	Easting	Description
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2	7.00	16585313.32	1418094.91	RESTROOM
3	7.00	16585313.32	1418104.24	RESTROOM
4	7.00	16585293.32	1418104.24	RESTROOM
5	7.00	16585323.32	1418104.24	SIDEWALK
6	6.80	16585323.32	1418114.24	SIDEWALK
7	6.80	16585317.32	1418114.24	SIDEWALK
8	6.38	16585317.32	1418119.24	SIDEWALK
9	6.38	16585323.32	1418119.24	SIDEWALK
10	6.38	16585323.32	1418124.24	SIDEWALK
11	6.38	16585318.32	1418124.24	SIDEWALK
12	4.72	16585298.32	1418119.24	SIDEWALK
13	4.72	16585299.32	1418124.24	SIDEWALK
14	4.72	16585293.32	1418119.24	SIDEWALK
15	6.80	16585293.32	1418114.24	SIDEWALK
16	4.72	16585293.32	1418124.24	SIDEWALK
17	4.50	16585293.32	1418129.24	SIDEWALK
18	4.50	16585299.32	1418129.24	SIDEWALK
19	6.70	16585323.32	1418079.91	SIDEWALK
20	6.70	16585313.32	1418079.91	SIDEWALK
21	6.70	16585293.32	1418079.91	SIDEWALK
22	3.29	16585258.03	1418079.91	ROAD
23	3.33	16585258.03	1418094.91	ROAD

PROP. MAINTENANCE SIGN
RG-130 18INX48IN
STA.23+42

PROPOSED GREENFLUSH
RESTROOM FACILITIES
BY OTHERS

**RESTROOM AREA
FINISH FLOOR ELEV.
7.00'**

HDR
HDR Engineering, Inc.
TBPELS Firm
Registration No. F-754

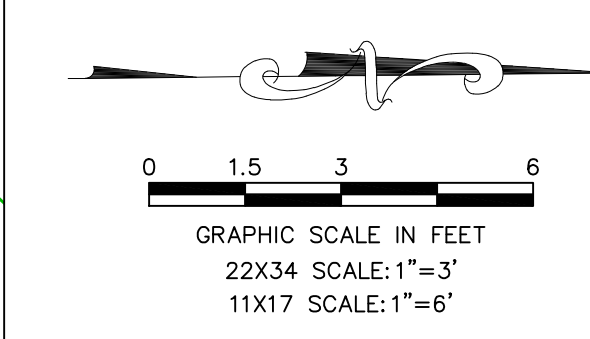


**RESTROOM FACILITIES
ADDITIVE 4**

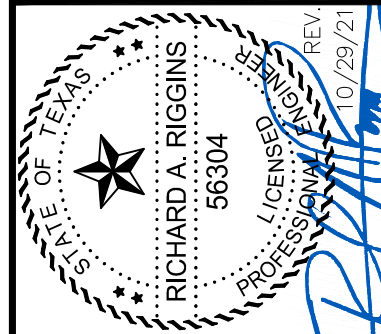
SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

19

19 of 27 sheets



Hanson No. 1910166	File name 1910166	Scale AS SHOWN	Date 10/20/21
LAYOUT	DRAWN	MAL	RAR/SDPV



HANSON
Hanson Professional Services Inc. 2020
Hanson Professional Services Inc.
789 E. Washington Street
Brownsville, Texas 78320
TBP F-1417 / TBP F-1018412 / TBP F-50566

REVISED BID PACKAGE 2/12/2026

DESIGNED RP

DRAWN RP

DATE 2/12/2026

REVISION

REV

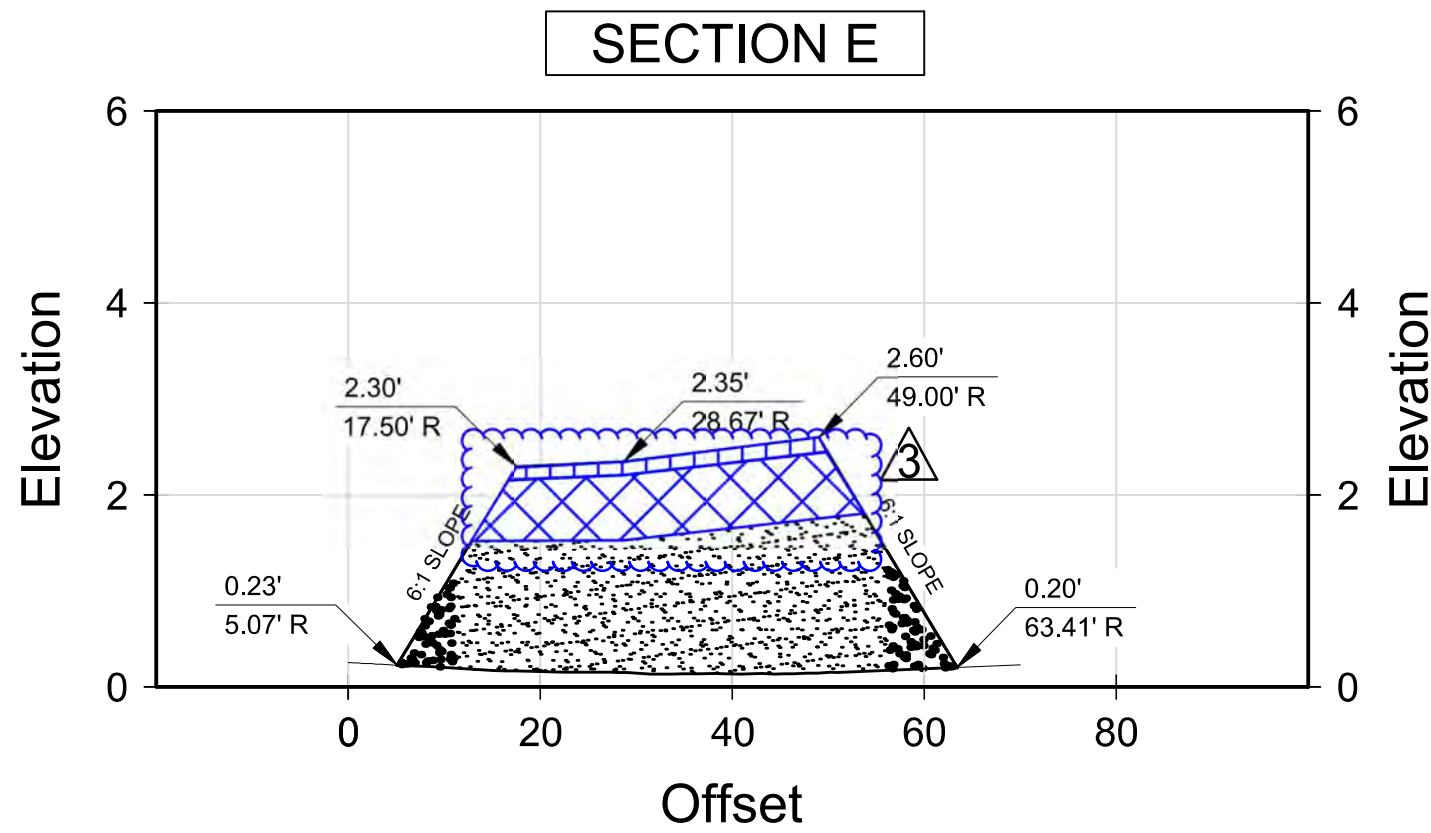
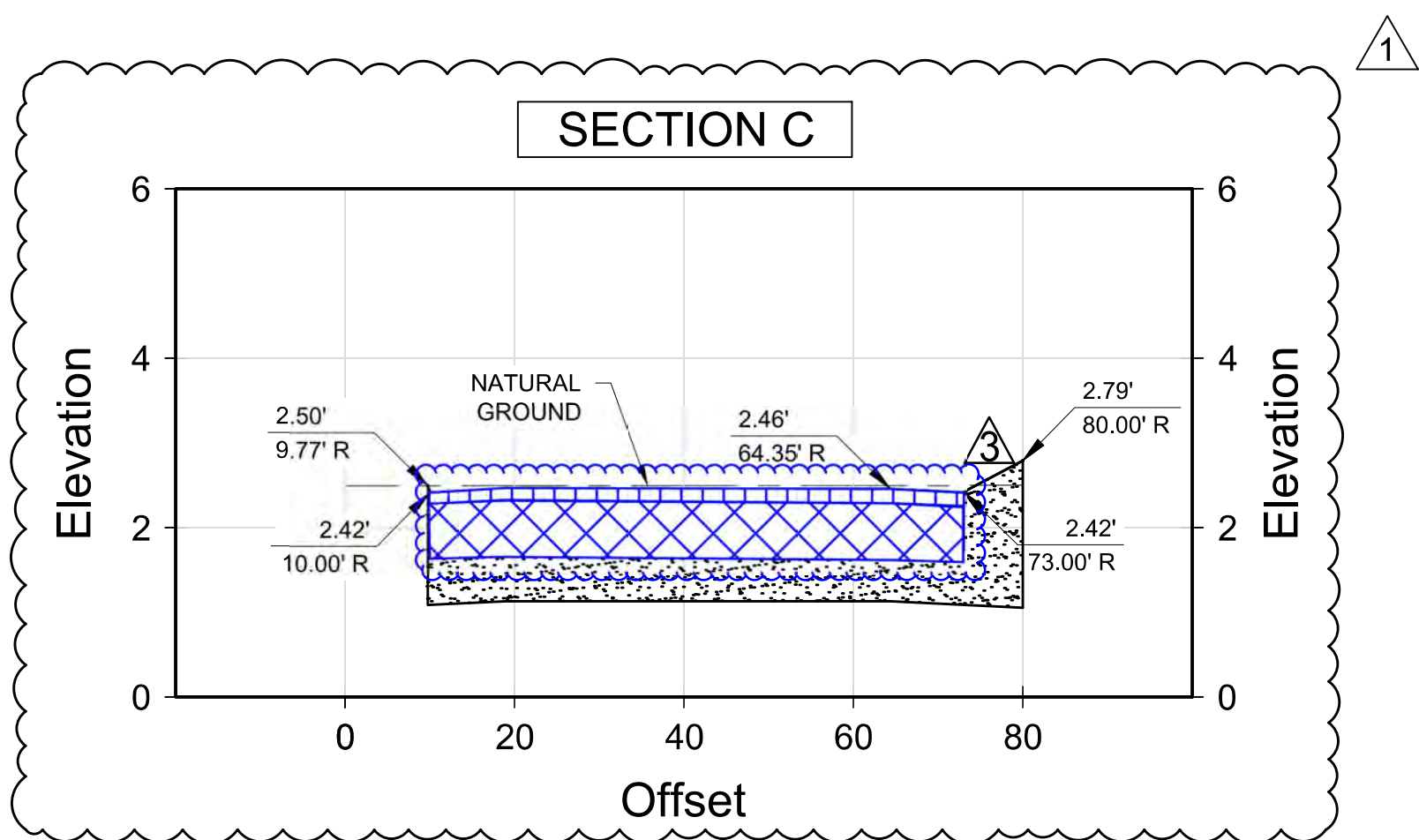
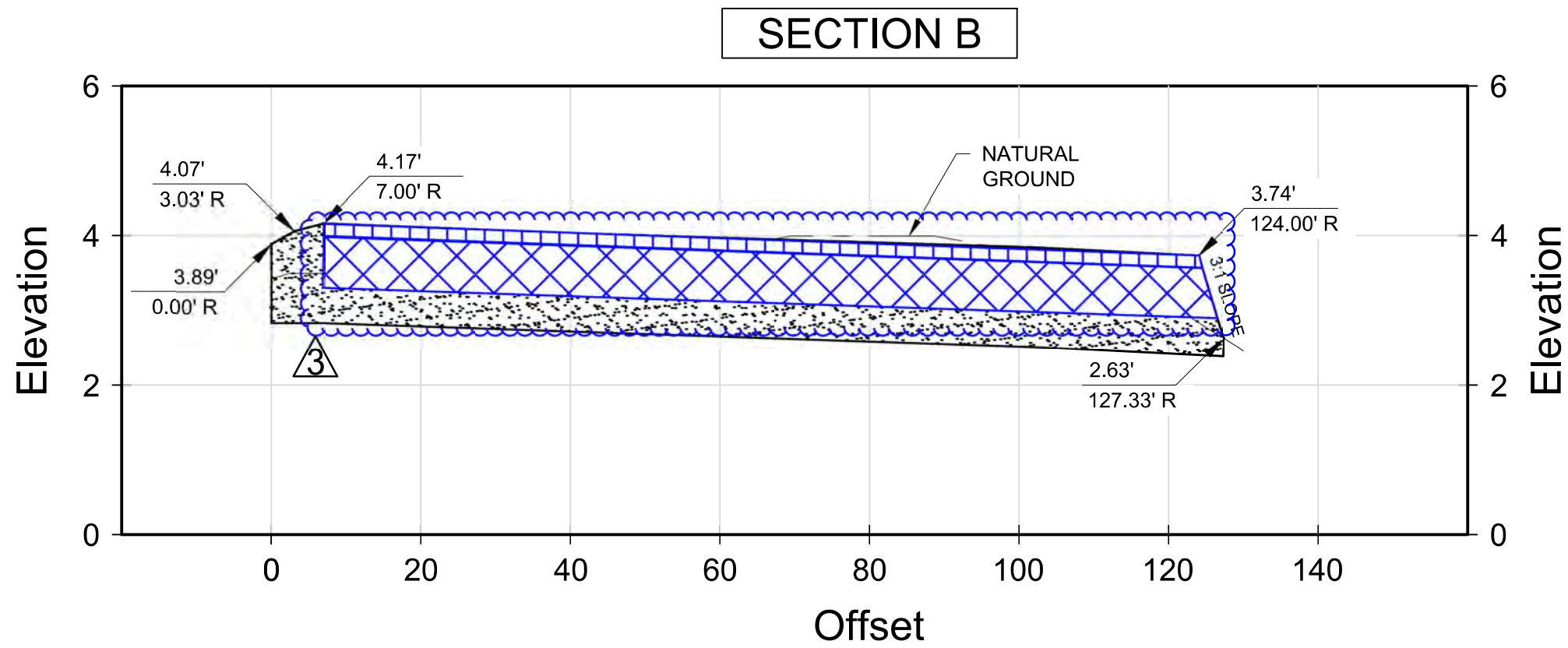
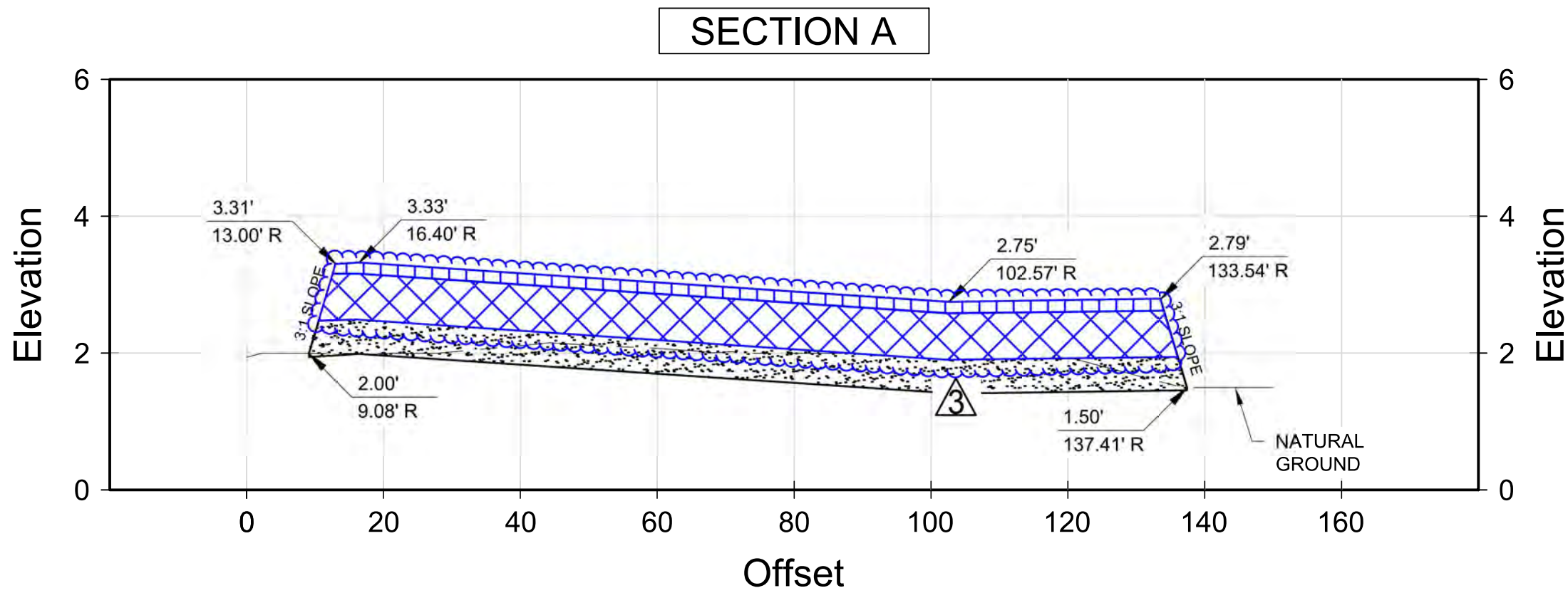
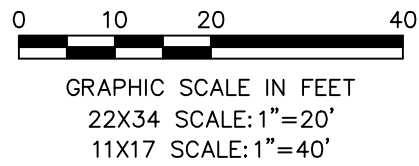
JDLR

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LEGEND



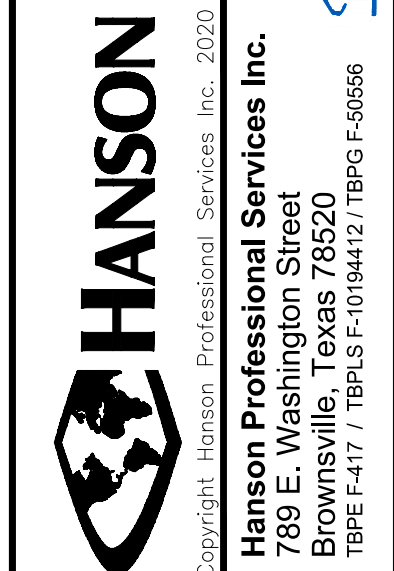
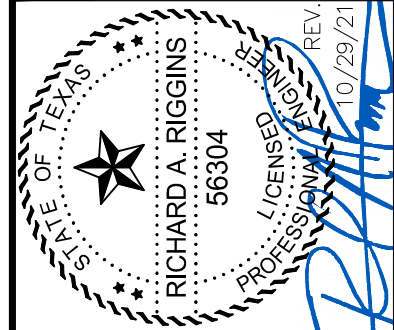
NOTE:
SEE DETAIL 1 TYPICAL ROAD SECTION DETAIL ON SHEET 23 OF 33
FOR MORE INFORMATION ON HATCHING AND DESIGN.



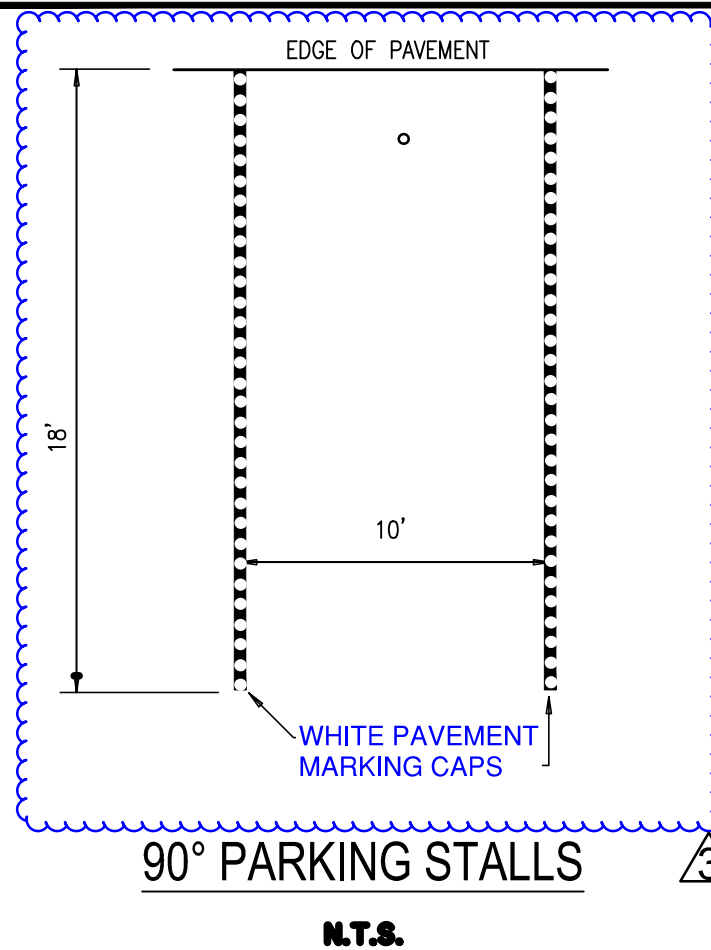
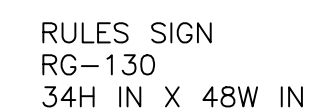
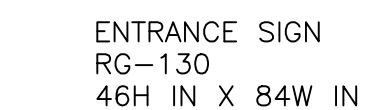
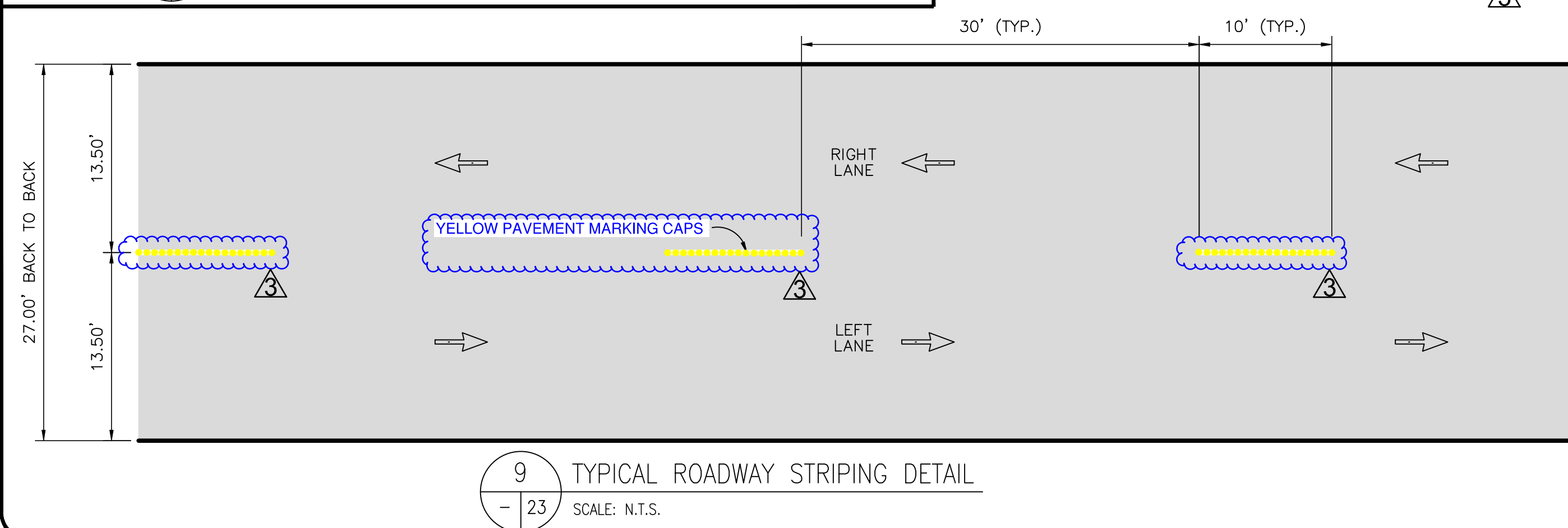
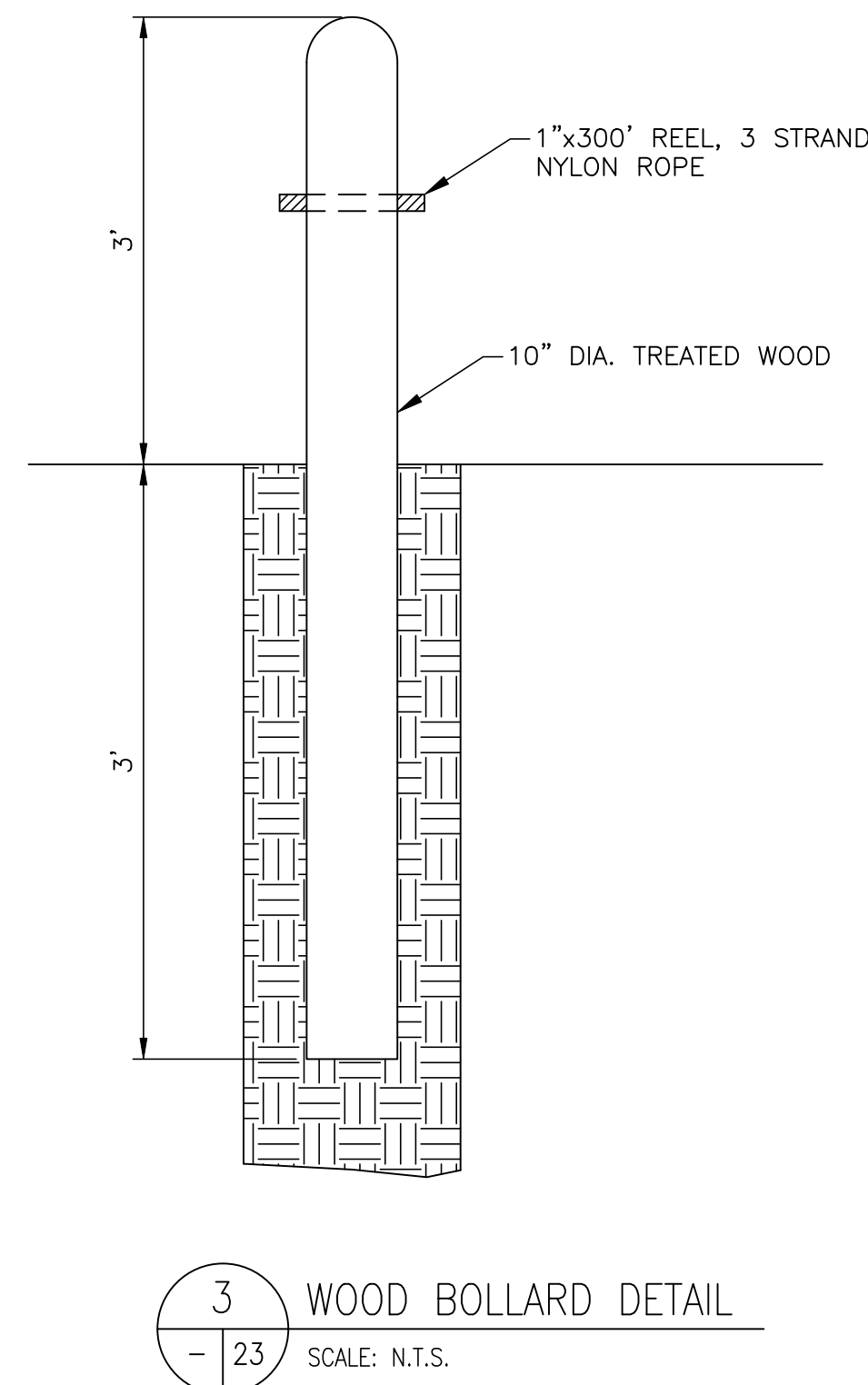
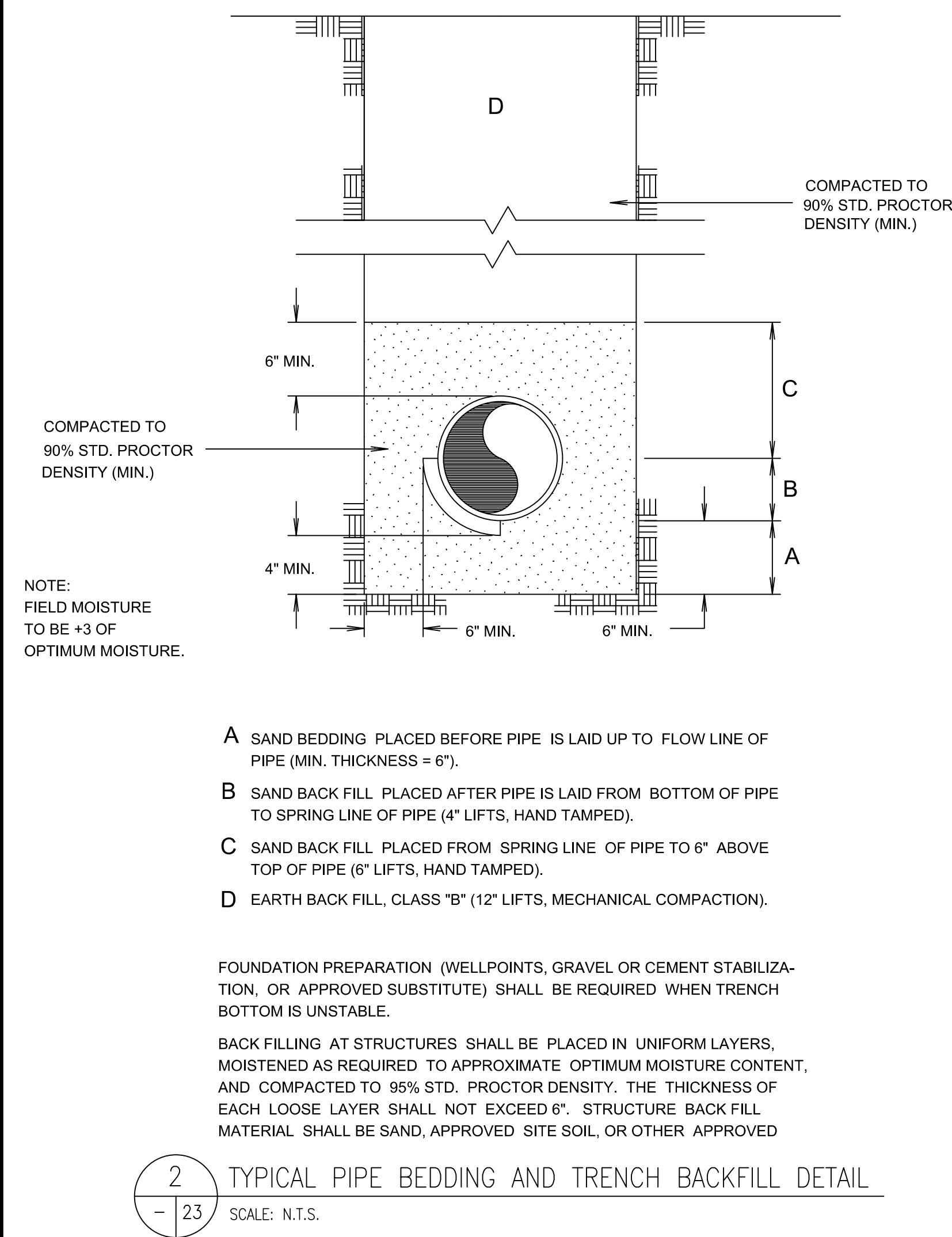
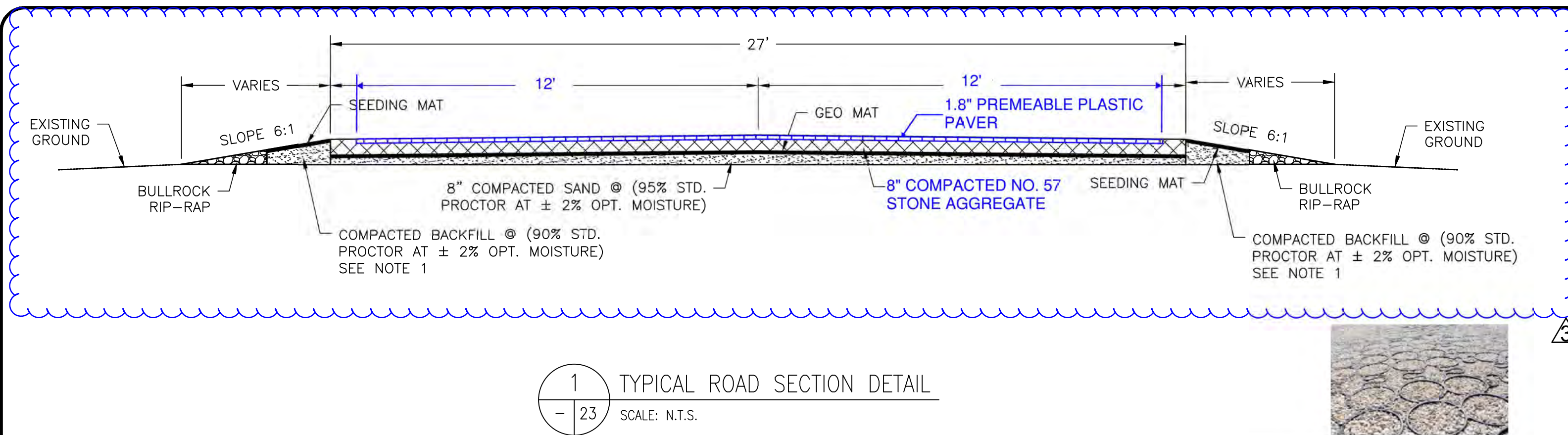
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1	REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
2	REVISED BID PACKAGE	2/12/2026	RP	RP	JDLR



Hanson No.	19LO166	LAYOUT	DRAWN	MAL	RAR/SDPV
Filename	19LO166	REV			
Scale	AS SHOWN				
Date	10/2021				



PARKING LOT & LOADING AREA CROSS SECTION	SOUTH PADRE ISLAND WIND & WATER SPORTS PARK SOUTH PADRE ISLAND, TEXAS
20	20 of 27 sheets

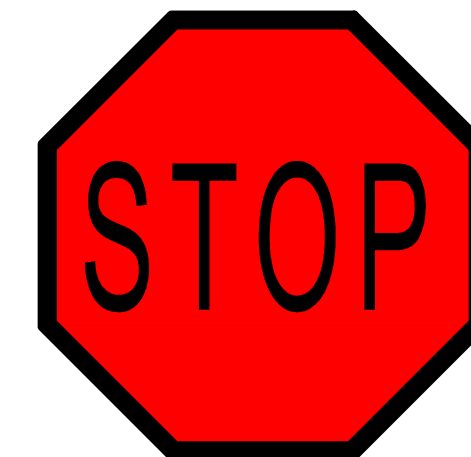


1. SELECT FILL MATERIALS AT THIS SITE, AS CLASSIFIED ACCORDING TO THE USCS, MUST BE CLAYEY-SAND (SC) ACCORDING TO THE GEOTECHNICAL REPORT. IN ADDITION TO THE USCS CLASSIFICATION, ALTERNATIVE SELECT FILL MATERIALS SHALL HAVE A MAXIMUM LIQUID LIMIT OF 40 PERCENT, A PLASTICITY INDEX BETWEEN 7 AND 18 PERCENT, AND A MAXIMUM PARTICLE SIZE NOT EXCEEDING 4 INCHES OR ONE-HALF THE LOOSE LIFT THICKNESS, WHICHEVER IS SMALLER. IN ADDITION, IF THESE MATERIALS ARE UTILIZED, GRAIN SIZE ANALYSES AND ATTERBERG LIMITS MUST BE PERFORMED DURING PLACEMENT AT A MINIMUM RATE OF ONE TEST EACH PER 5,000 CUBIC YARDS OF MATERIAL DUE TO THE HIGH DEGREE OF VARIABILITY ASSOCIATED WITH PIT-RUN MATERIALS.
2. CUSTOM SIGNS MUST BE FROM CORPUS CHRISTI STAMP WORKS OR APPROVED ALTERNATIVE. SIGN TEXT STYLE TO BE DETERMINED AT TIME OF ORDERING. SIGN BACKGROUND COLOR TO BE DETERMINED.



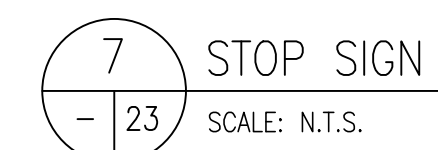
SPEED LIMIT SIGN
R2-1

USE MUTCD—FHWA
MANUAL FOR
SPEED LIMIT SIGN

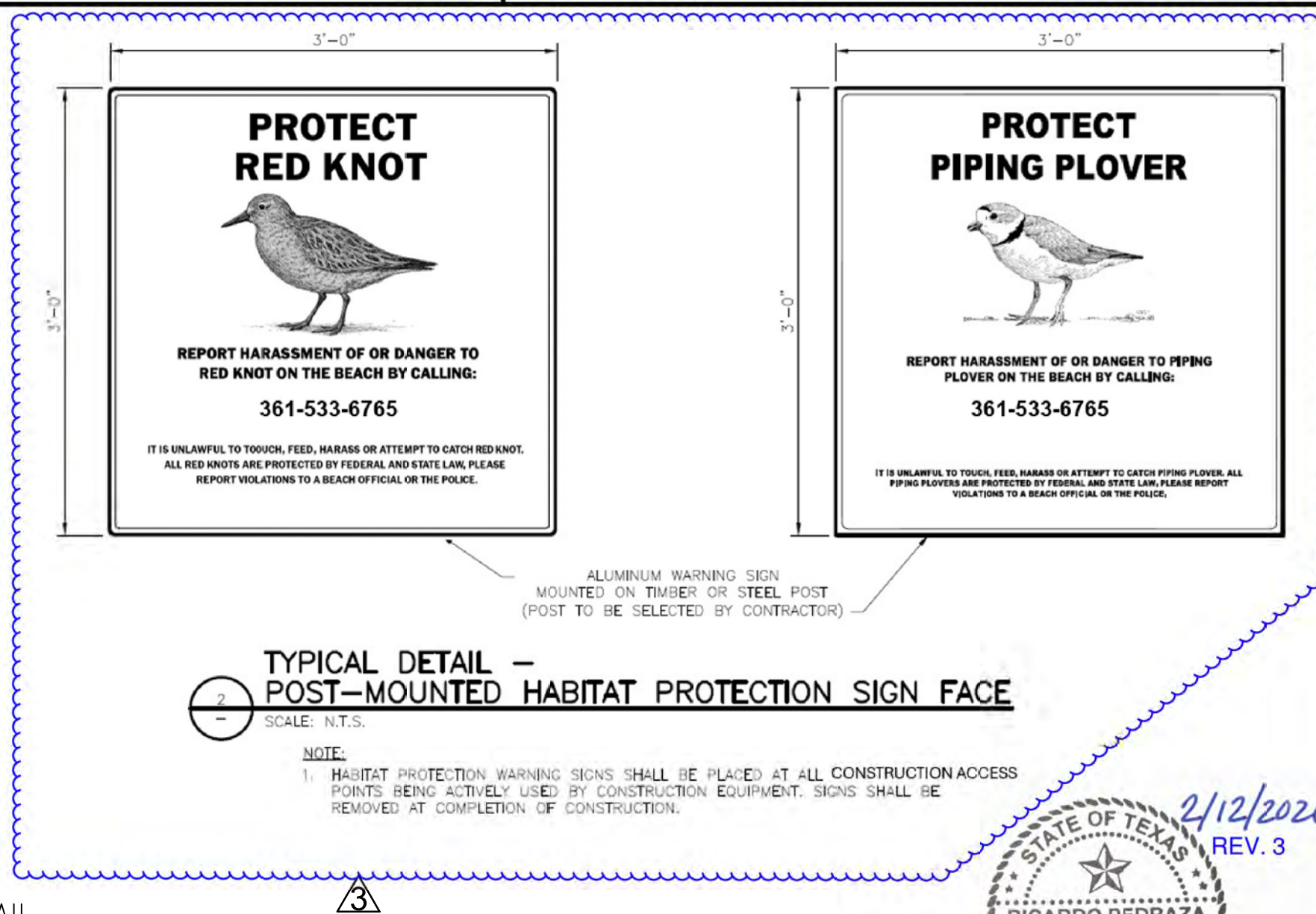


STOP SIGN
R1-1

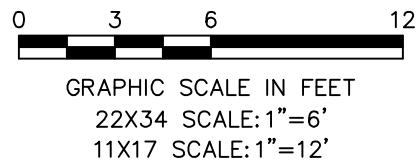
USE MUTCD—FHWA
MANUAL FOR
STOP SIGN



MAINTENANCE SIGN
RG-130
18H IN X 48W IN



21 OF 27

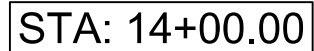


3 COMPACTED SAND

3 COMPACTED NO. 57 STONE AGGREGATE

3 BULLROCK RIP-RAP

3 PERMEABLE PLASTIC PAVEMENT



HDR Engineering, Inc.
TBPELS Firm
Registration No. F-75



STATE OF TEXAS
RICHARD A. RIGGINS
56304
LICENSED PROFESSIONAL ENGINEER
REV. 10/29/21

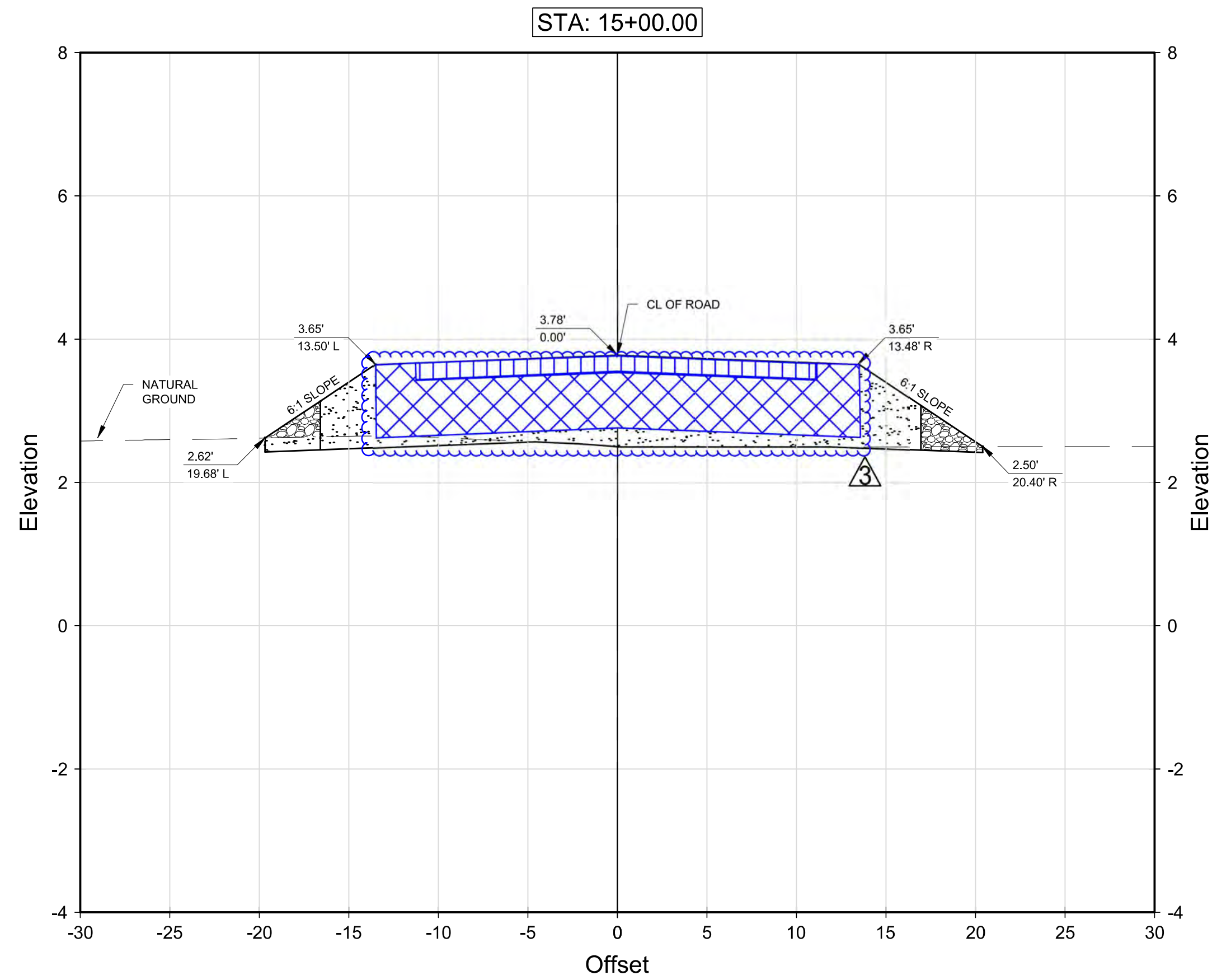


CROSS SECTION LAT 001

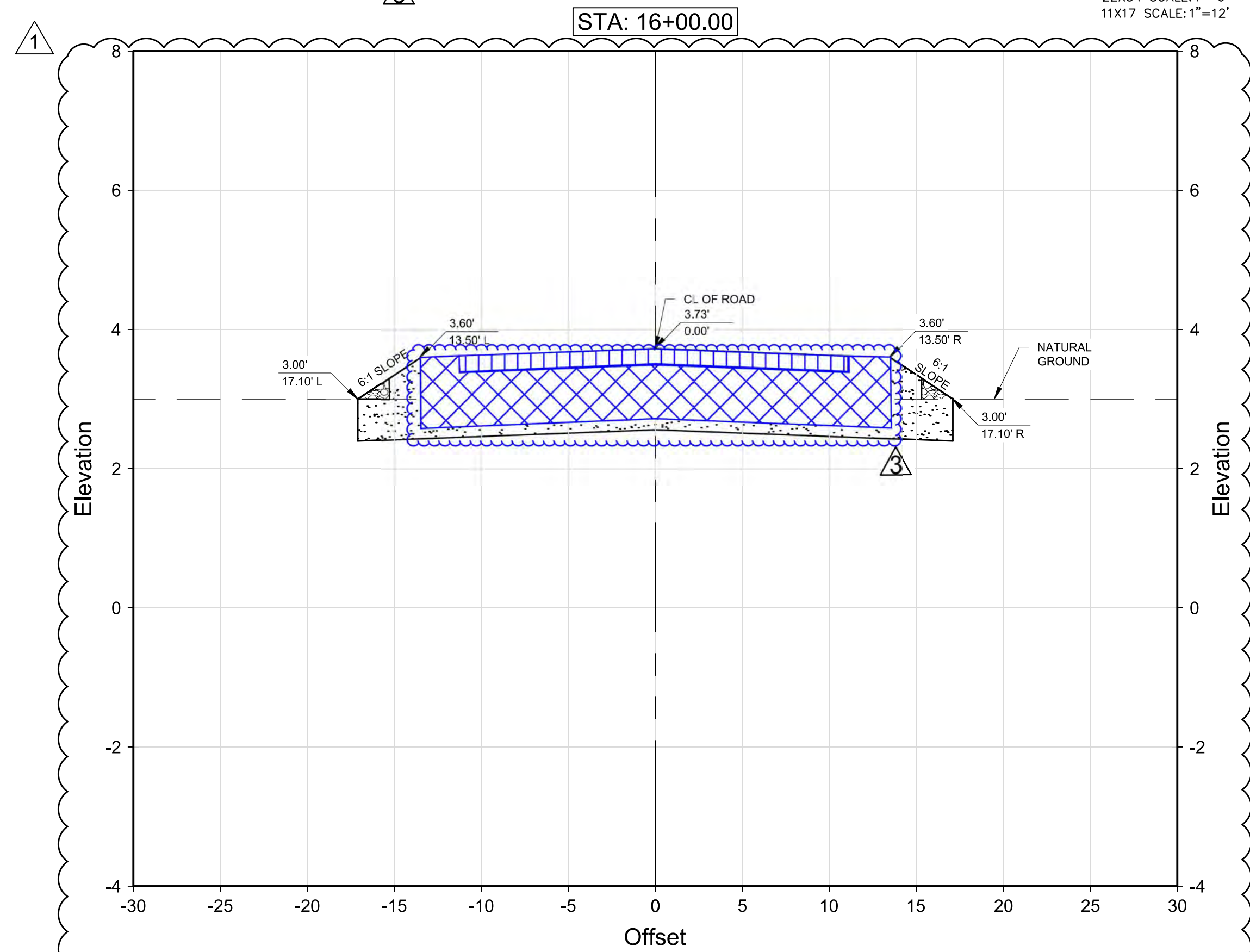
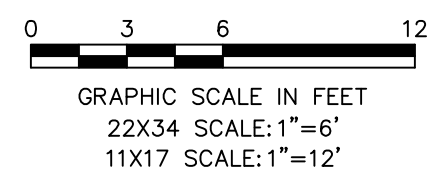
SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

2 of 27 sheets

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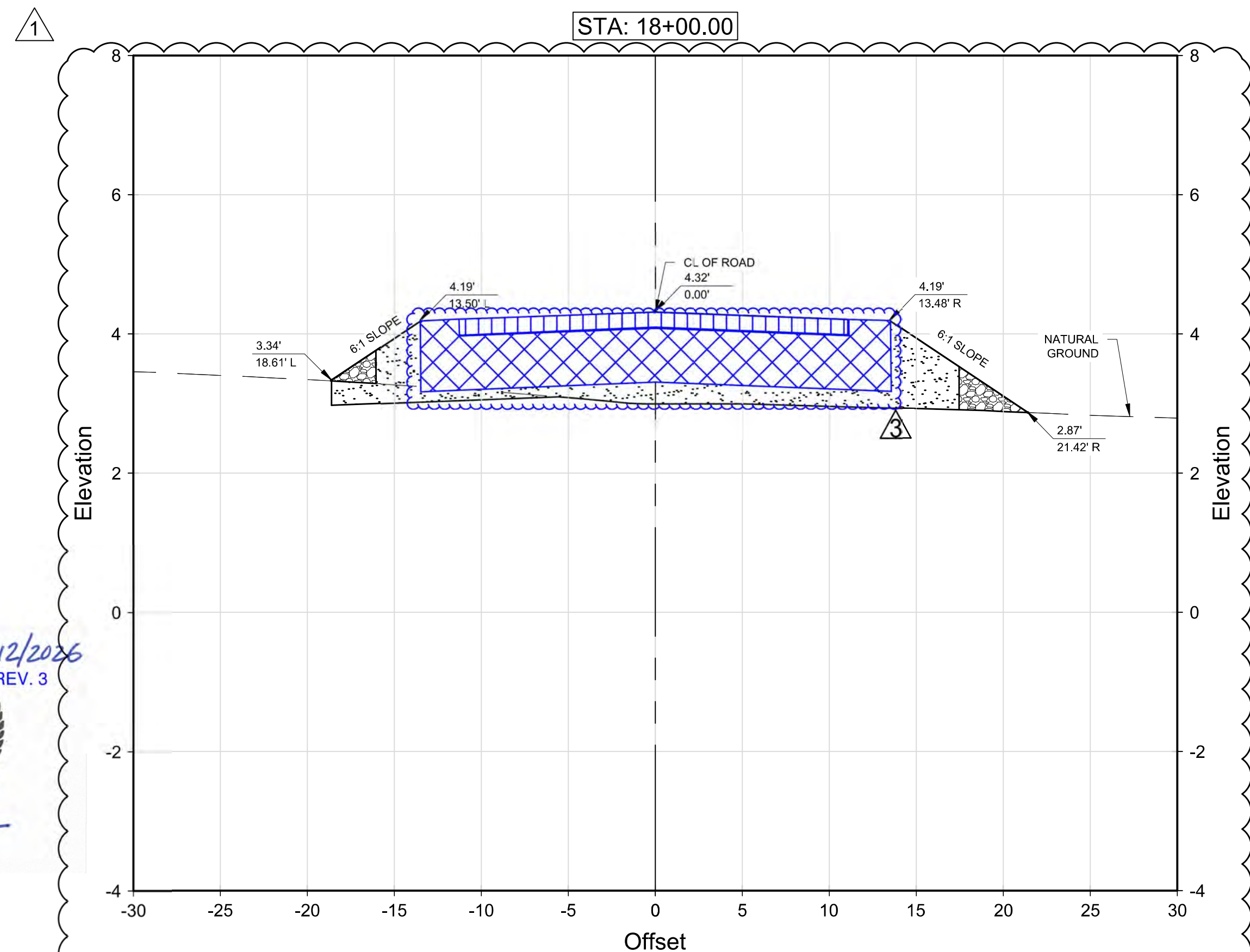
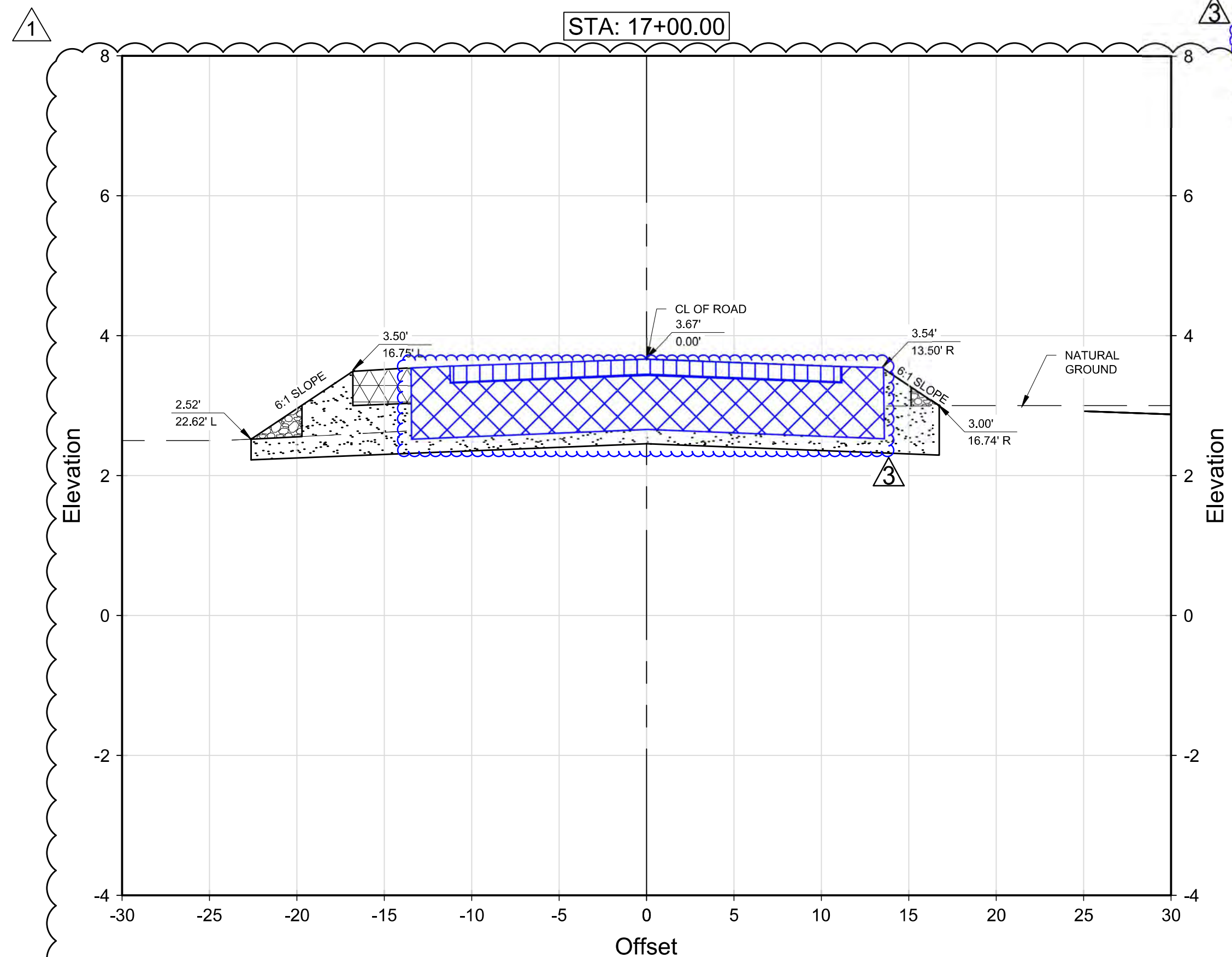


NOTE:
SEE DETAIL 1 TYPICAL ROAD SECTION DETAIL ON SHEET 21 OF 27
FOR MORE INFORMATION ON HATCHING AND DESIGN.



LEGEND

- COMPACTED SAND
- COMPACTED NO. 57 STONE AGGREGATE
- BULLROCK RIP-RAP
- PERMEABLE PLASTIC PAVER



HDR
HDR Engineering, Inc.
TPELS Firm
Registration No. F-754

REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED PARKING LOT	10/29/21	MAL	SD/RAR	RAR
2	REVISED BID PACKAGE	12/20/26	RP	RP	JD/LR

South Padre Island

FILE NAME	SCALE	DATE	LAYOUT	DRAWN	REV	REVIEWED
19LO166	AS SHOWN	10/2021		MAL		RAR/SDPV

HANSON
Hanson Professional Services Inc.
780 E. Washington Street
Brownsville, Texas 78320
TPEL F-417.1 TPEL F-1018412.1 TBPFG F-50566

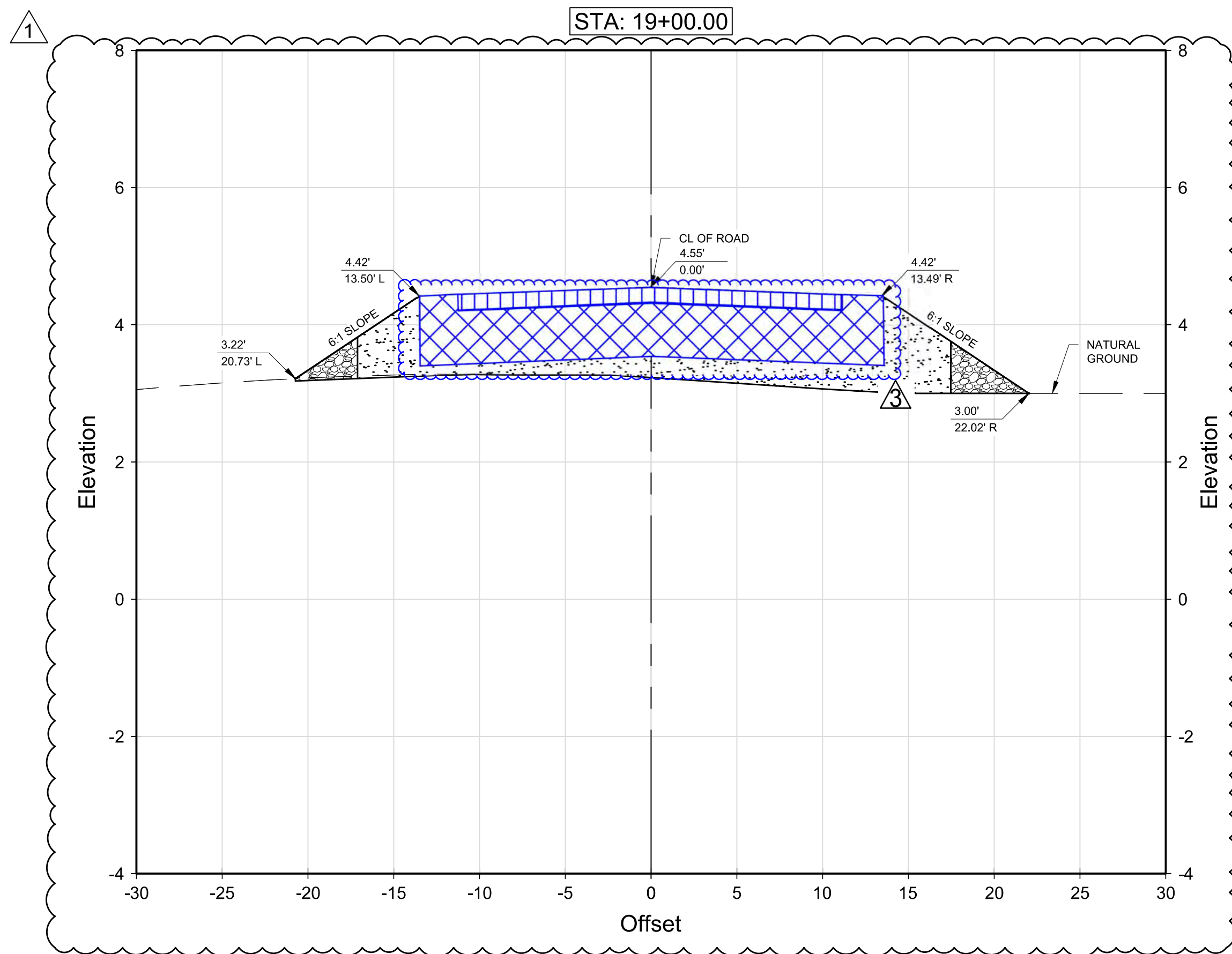
CROSS SECTION LAYOUT

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

23

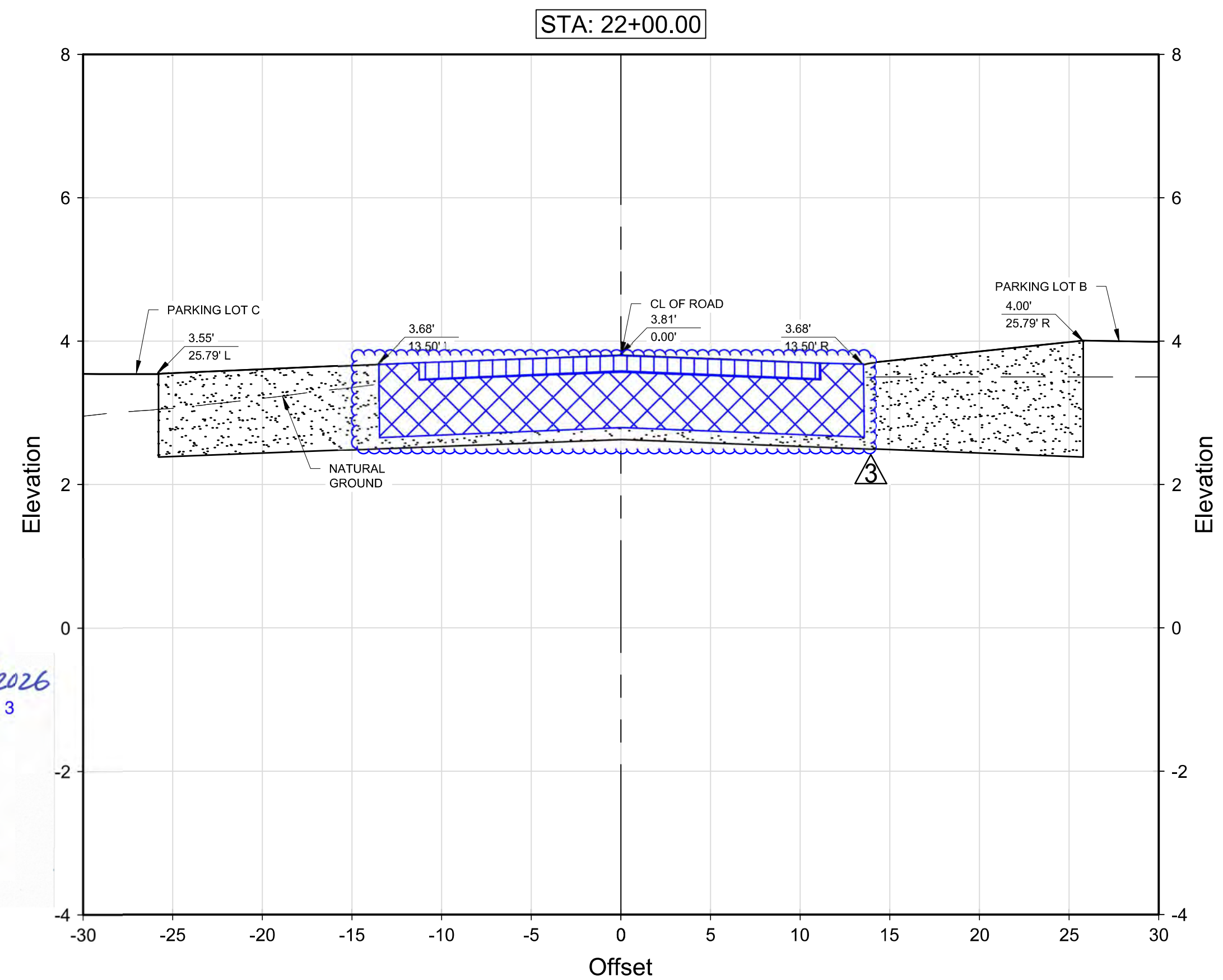
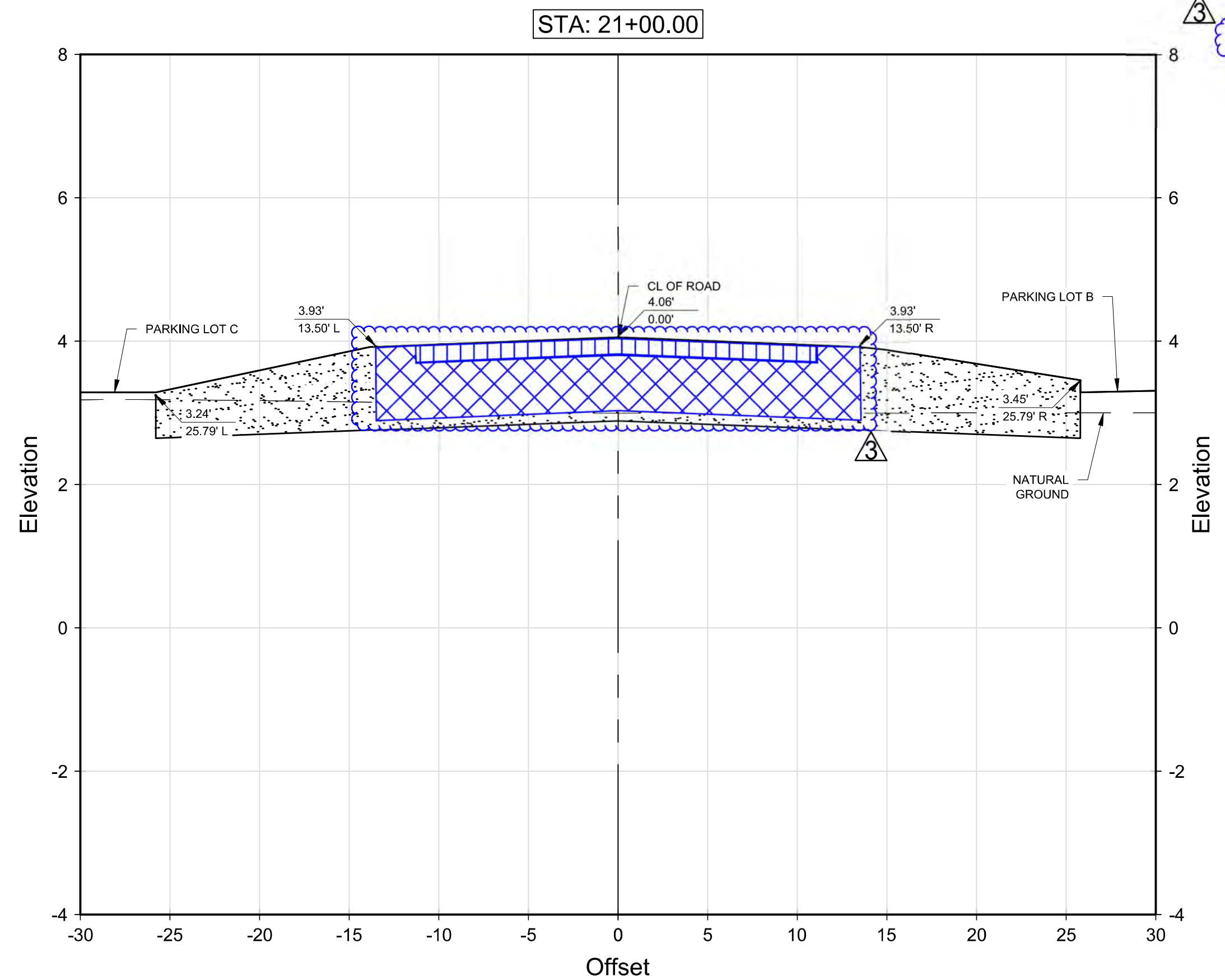
23 of 27 sheets

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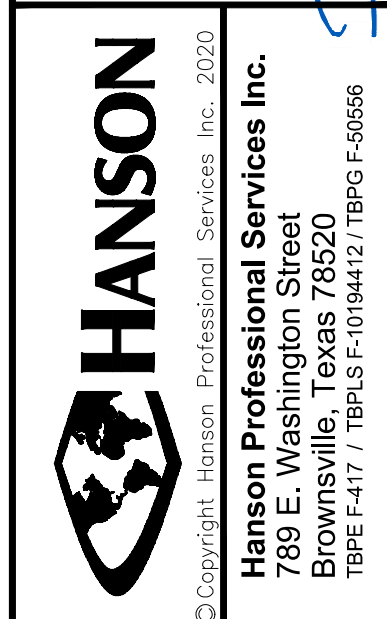
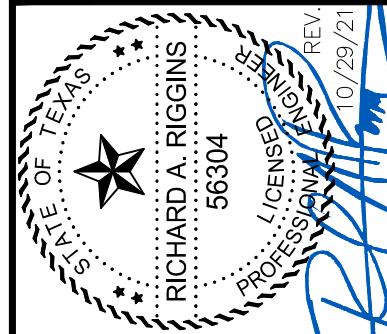
NOTE:
SEE DETAIL 1 TYPICAL ROAD SECTION DETAIL ON SHEET 21 OF 27
FOR MORE INFORMATION ON HATCHING AND DESIGN.

21 OF 27

0 3 6 12
GRAPHIC SCALE IN FEET
22X34 SCALE: 1"=6'
11X17 SCALE: 1"=12'



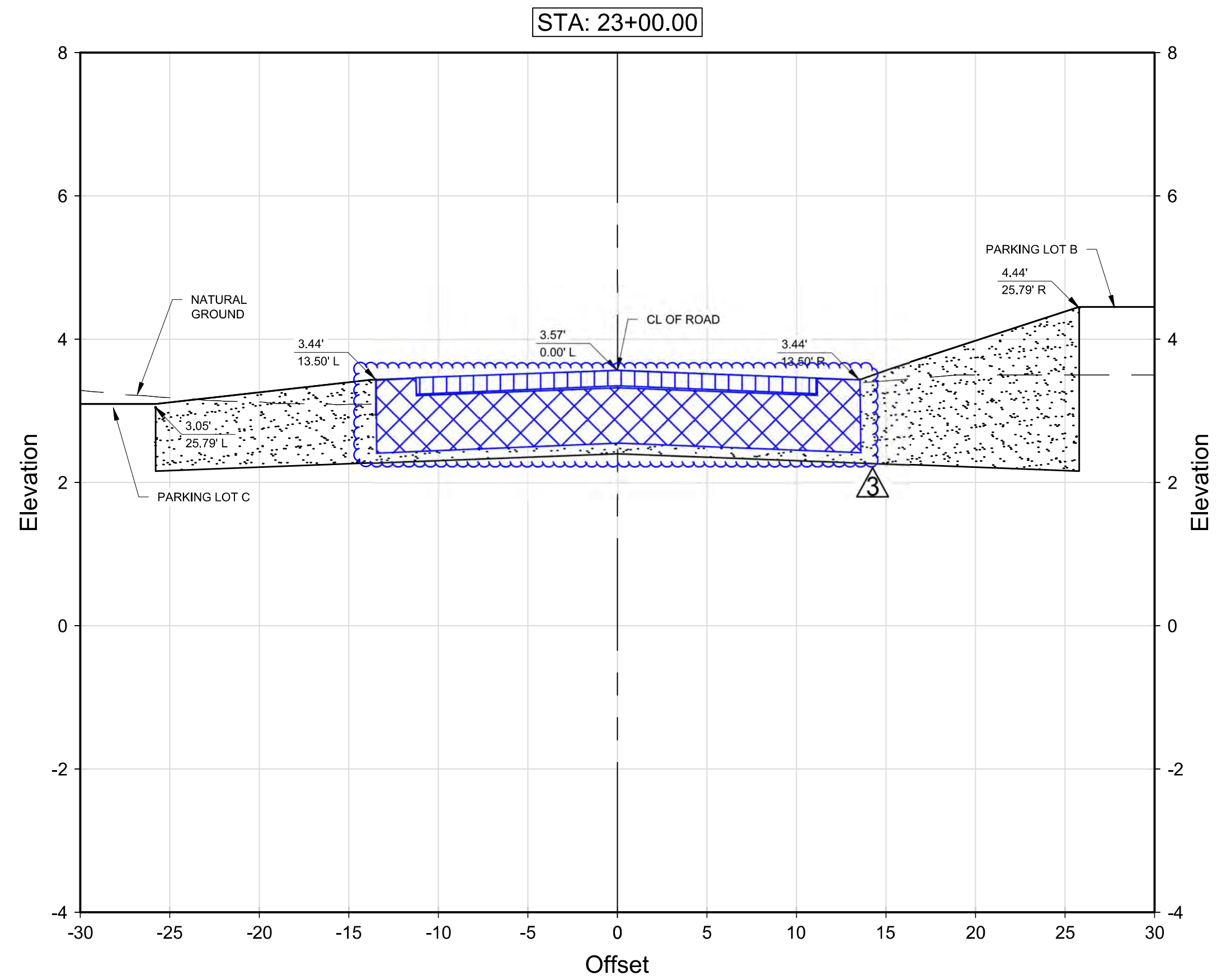
Hanson No.	1910166
Planning	1910166
Scale	AS SHOWN
Date	10/20/21
LAYOUT	DRAWN
REV	MAL
REVISED	RAR/SDPV



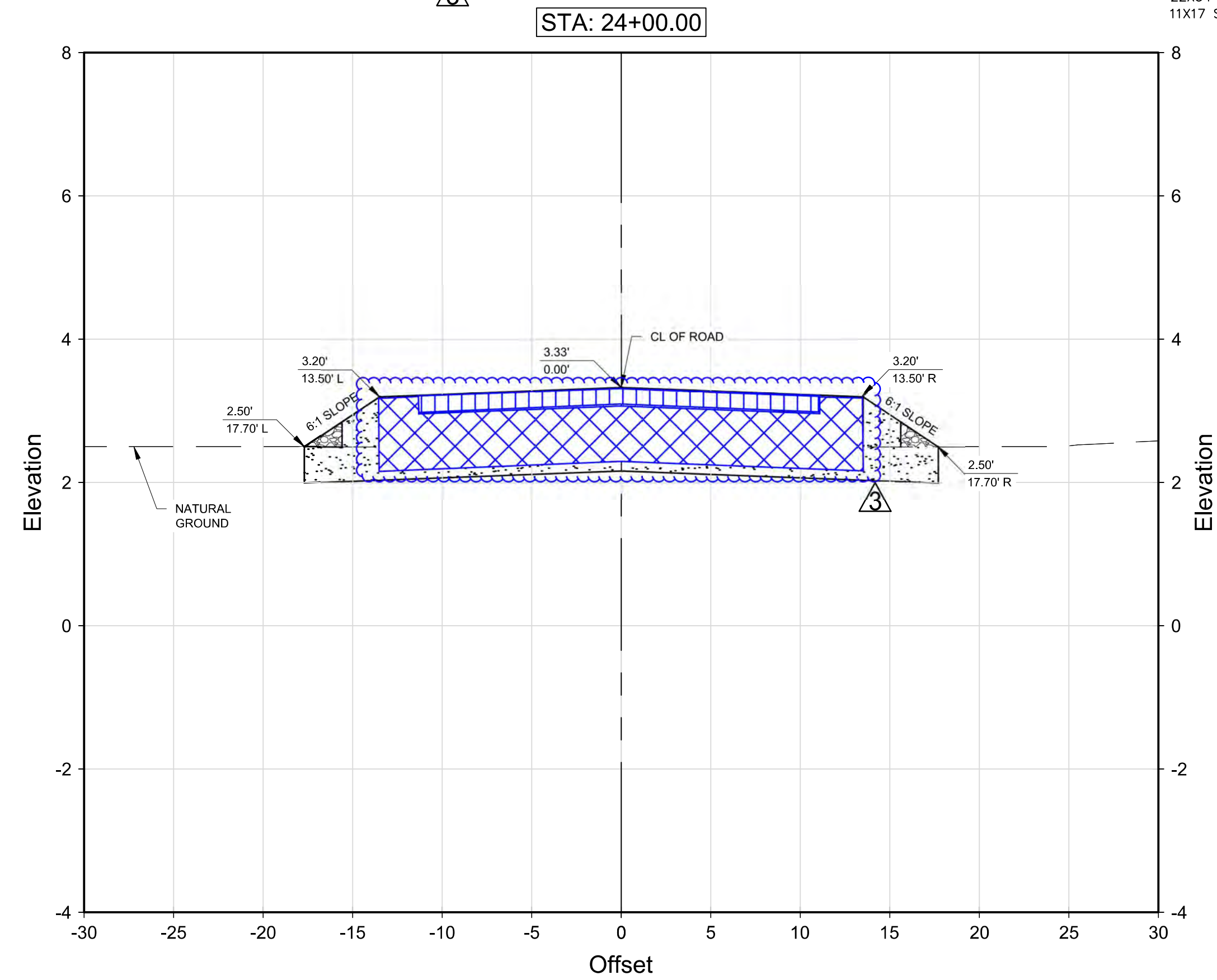
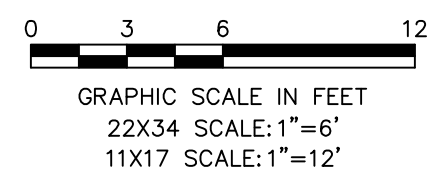
CROSS SECTION LAYOUT

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

DEC 30, 2022 1:06 PM LOYA01776
I:\19JOBS\19LO166\CAD\SITE\SHEET\19LO166-- CROSS SECTION LAYOUT.DWG

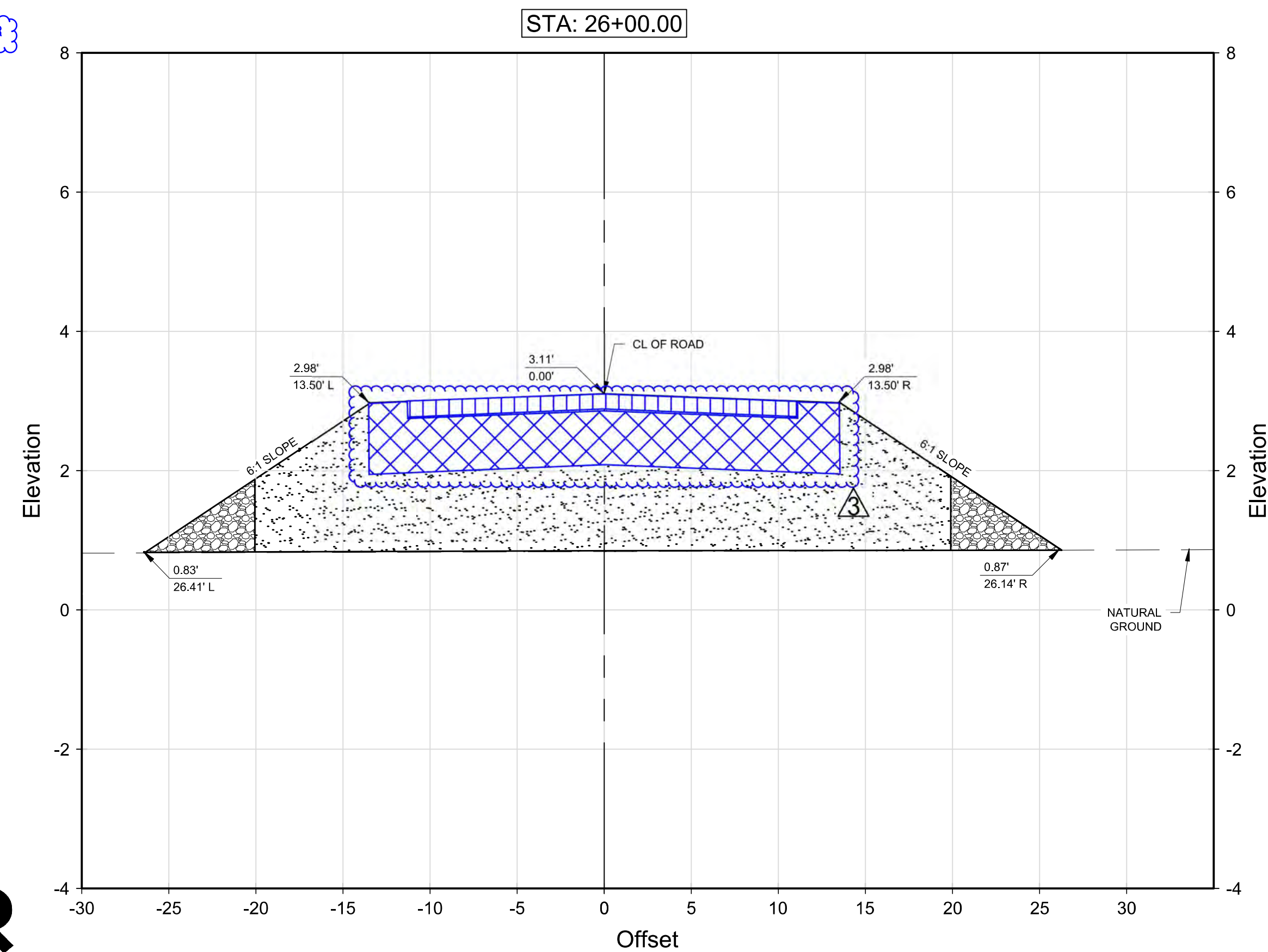
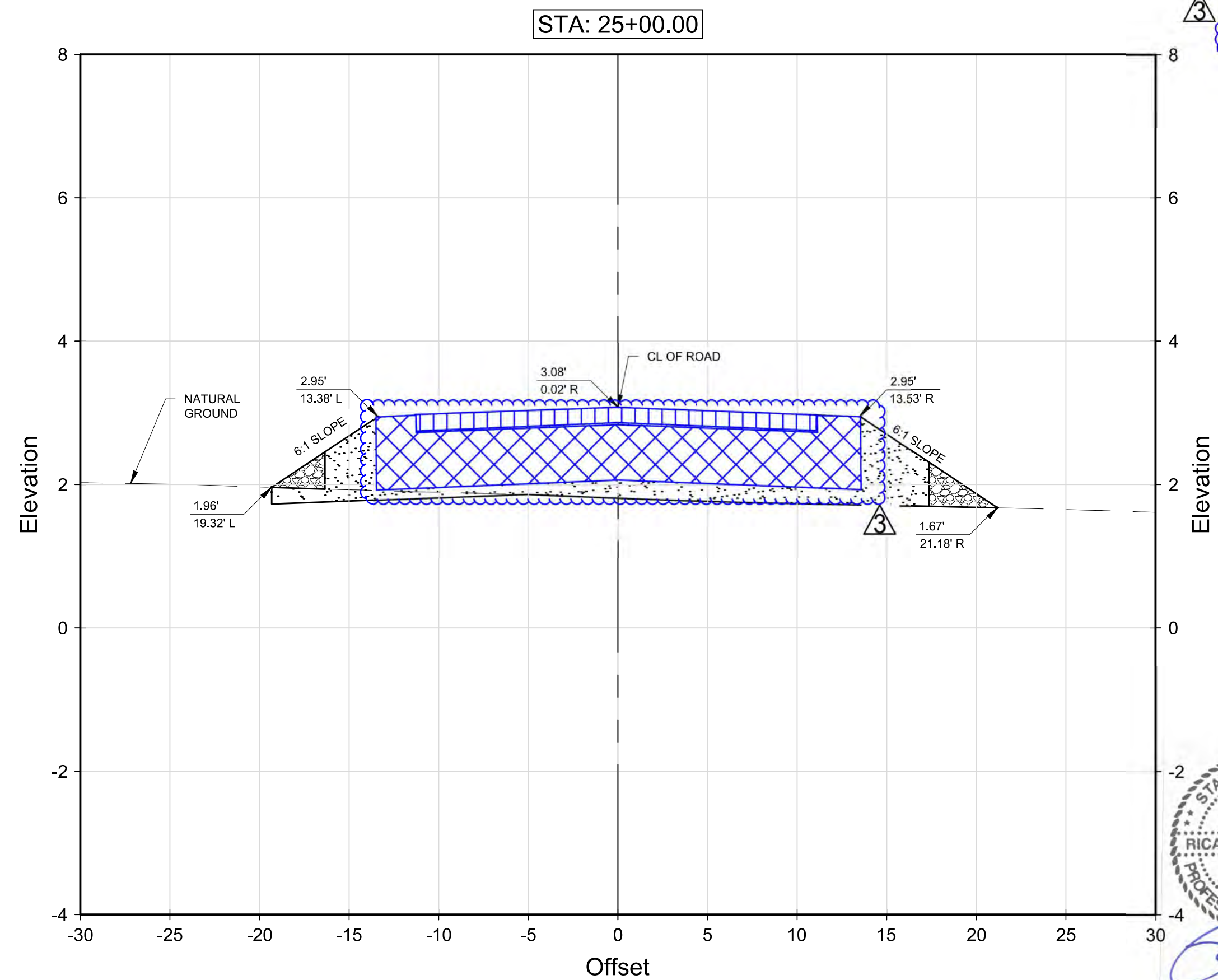


NOTE:
SEE DETAIL 1 TYPICAL ROAD SECTION DETAIL ON SHEET 21 OF 27
FOR MORE INFORMATION ON HATCHING AND DESIGN.



LEGEND

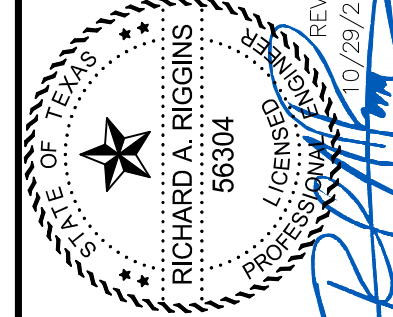
- COMPACTED SAND
- COMPACTED NO. 57 STONE AGGREGATE
- BULLROCK RIP-RAP
- PERMEABLE PLASTIC PAVER

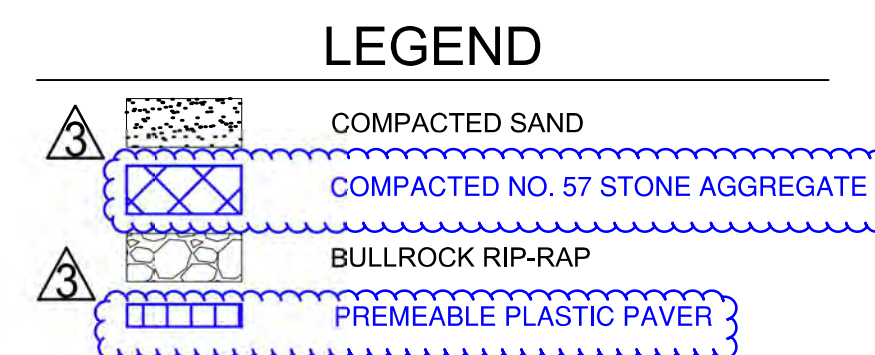
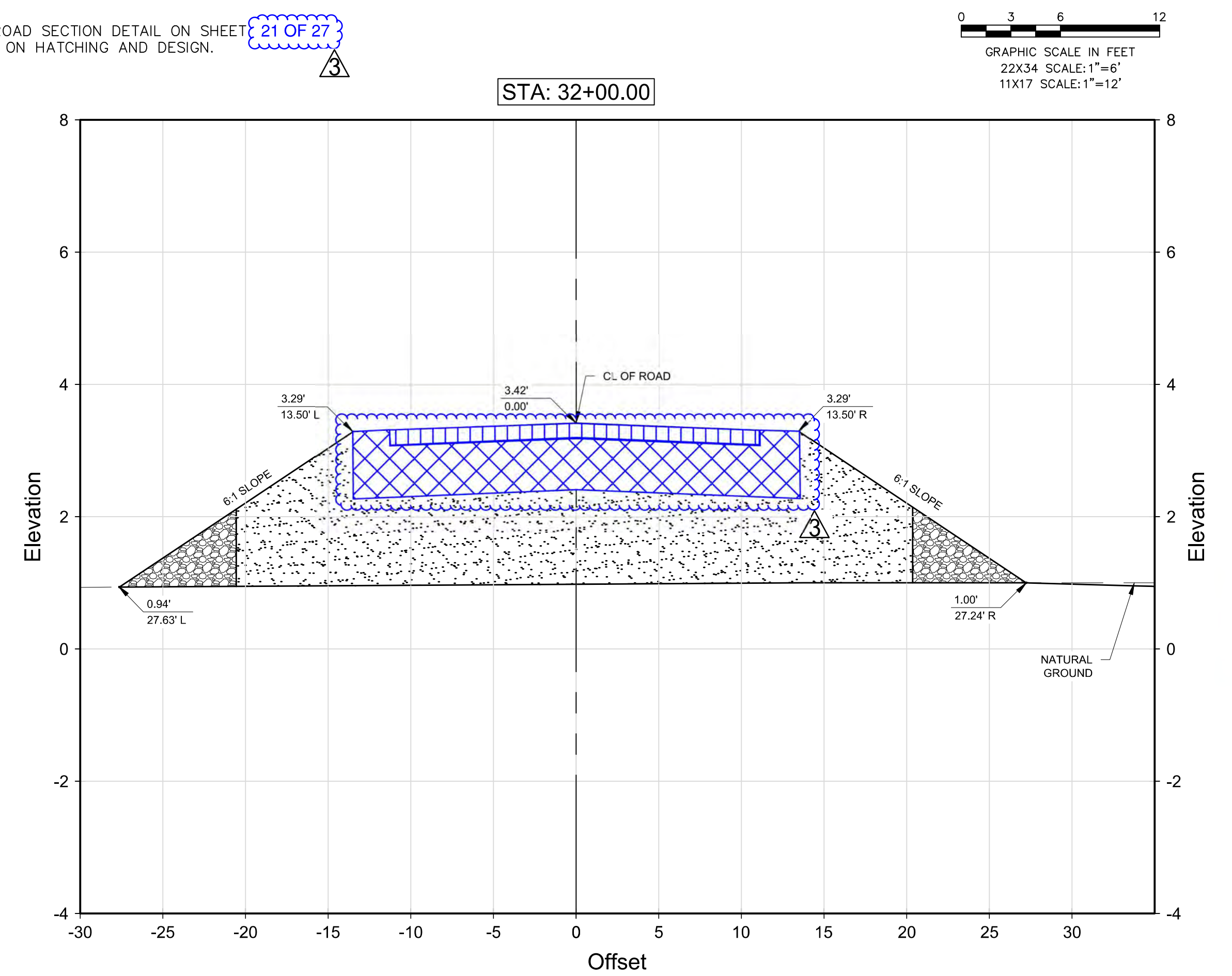


REV	REVISION	DATE	DRAWN	DESIGNED	REVIEWED
1	REVISED BID PACKAGE 2/12/2026		RP	RP	JDLR




Hanson No. 19LO166	File name 19LO166	Scale AS SHOWN	Date 10/20/21
LAYOUT	DRAWN	REV	REV
MAL	RAR/SDPV		





NOTE:
SEE DETAIL 1 TYPICAL ROAD SECTION DETAIL ON SHEET 21 OF 27
FOR MORE INFORMATION ON HATCHING AND DESIGN.

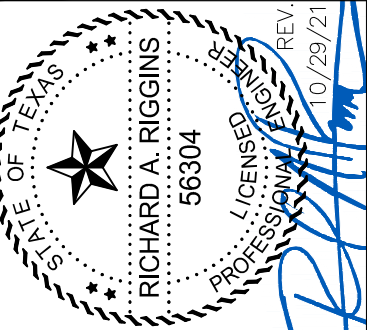
0 3 6 12



GRAPHIC SCALE IN FEET
22X34 SCALE: 1"=6'
11X17 SCALE: 1"=12'

[illegible]

Hanson No.	19L0166
Filename	19L0166
Scale	AS SHOWN
Date	10/2021



Hanson Professional Services Inc.
789 E. Washington Street
Brownsville, Texas 78520
TBPE F-417 / TBPLS F-10194412 / TBPG F-50556

CROSS SECTION LAYOUT

SOUTH PADRE ISLAND WIND & WATER SPORTS PARK
SOUTH PADRE ISLAND, TEXAS

27

27 of 27 sheets

