



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

NOTICE TO BIDDERS

ST. TAMMANY PARISH

Sealed bids will be received by the Department of Procurement, until 2:00 p.m., **Tuesday, January 7, 2025**, and then opened and read publicly at that time by the Procurement Staff for the following project:

Bid # 24-71-2 – Soell Dr, Soell Dr Drainage, Helenbirg Dr, Mire Dr

Each paper bid must be submitted in a sealed envelope. The outside of the envelope shall show the Name and Address of the Bidder, the State Contractor's License Number of the Bidder (if the work is estimated at \$50k or more), the Bid Name and the Bid Number.

The project classification is:

Highway, Street, and Bridge Construction

This bid package is available online at www.bidexpress.com or LaPAC <https://wwwcfprd.doa.louisiana.gov/osp/lapac/pubmain.cfm>. It is the Vendor's responsibility to check Bid Express, or LaPAC frequently for any possible addenda that may be issued. The Parish is not responsible for a Vendor's failure to download any addenda documents required to complete a submission.

Bids will be received at 21454 Koop Dr., Suite 2F, Mandeville, LA 70471 from each bidder or his agent and given a written receipt, by certified mail with return receipt requested, or electronically at www.bidexpress.com.

Procurement Department

BID PROPOSAL

ST. TAMMANY PARISH
GOVERNMENT



BID PACKAGE FOR

Soell Dr, Soell Dr Drainage, Helenbirg Dr, Mire Dr

BID NO.: 24-71-2

October 28, 2024

Section 01

Table of Contents

Section 01	Table of Contents
Section 02	Instructions to Bidders
Section 03	Summary of Work
Section 04	LA Uniform Public Work Bid Form/ Unit Price Form
Section 05	Affidavits, Louisiana (Pursuant to LSA-R.S. 38:2224, 38:2227 and 38:2212.10)
Section 06	Insurance Requirements
Section 07	Project Sign
Section 08	General Conditions
Section 09	Sample Corporate Resolution
Section 10	Sample Certificate of Insurance
Section 11	Sample Contract
Section 12	Construction Drawings

Instructions to Bidders

Bidders are urged to promptly review the requirements of this specification and submit questions for resolution as early as possible during the bid period. Questions or concerns must be submitted in writing to the Procurement Department no later than 2:00 CST seven (7) working days prior to the bid opening date. Otherwise, this will be construed as acceptance by the bidders that the intent of the specifications is clear and that competitive bids may be obtained as specified herein. Protests with regard to the specification documents will not be considered after bids are opened.

1. Bid security is required. Be sure that your bid includes such security as is necessary to meet Parish requirements and is properly signed. The bid must be fully completed. All applicable Louisiana license numbers must be affixed.
2. The Owner is the St. Tammany Parish Government (the "Parish").
3. The terms "he/his" and "it/its" may be used interchangeably.
4. The terms "Owner," the "Parish," and "St. Tammany Parish" may be used interchangeably.
5. The successful Bidder understands the limited contract time in the contract is **one hundred fifty (150) calendar days** and shall submit any request for an extension of time in accordance with the General and Supplementary Conditions. Said request will reflect the days requested and the reason for same. No extension request is guaranteed or absolute.
6. Bidder specifically understands that acknowledgment of the General Conditions is required. Bidder specifically understands that signature of receipt of the General Conditions is mandated. **The Bidder's signature on the "Louisiana Uniform Public Work Bid Form" will serve as acknowledgment of the Bidder's receipt and understanding of the General Conditions as well as any Supplementary Conditions.**
7. ***If any additional work is performed by the contractor without written approval by owner, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish.***
8. **Only** the Louisiana Uniform Public Bid Form, the Unit Price Form (if necessary), the bid security, and written evidence of authority of person signing the bid shall be submitted on or before the bid opening time and date provided for in the Bid Documents. Necessary copies of the Louisiana Uniform Public Work Forms and Unit Price Forms (if necessary) will be furnished for Bidding. Bound sets of the Contract Documents are for Bidder's information and should not be used in submitting Bids.
9. All other documents and information required are to be submitted by the low Bidder within ten (10) days after the opening of the bids, and at the same time of day and location as given for the opening of the bids in the Bid Documents.
10. Each Bid must be submitted in a sealed envelope, unless submitted electronically. The outside of the envelope shall show the name and address of the Bidder, the State Contractor's License Number of the Bidder (if work requires contractor's license), and the Project name and the Bid number. In the case of an electronic bid proposal, a contractor may submit an authentic digital signature on the electronic bid proposal accompanied by the contractor's license number, Project name and the Bid number.
11. The price quoted for the Work shall be stated in words and figures on the Bid Form, and in figures only on the Unit Price Form. The price in the Bid shall include all costs necessary for the complete performance of the Work in full conformity with the conditions of the Contract Documents, and shall include all applicable Federal, State, Parish, Municipal or other taxes. The price bid for the items listed on the Unit Price Form will include the cost of all related items not listed, but which are normally required to do the type of Work bid.
12. The Bid shall be signed by the Bidder. The information required on the Louisiana Uniform Public Work Bid Form must be provided. Evidence of agency, corporate, or partnership authority is required and shall be provided in conformance with LSA-R.S. 38:2212(B).
13. Only a Contractor licensed by the State to do the type of Work as indicated on the Notice to Bidders can submit a Bid. The Bidder's signature on the Bid Form certifies that he holds

an active license under the provisions of Chapter 24 of Louisiana Revised Statutes Title 37. Failure to be properly licensed constitutes authority for the Owner to reject the Bid.

14. Bidders shall not attach any conditions or provisions to the Bid. Any conditions or provisions so attached may, at the sole option of the Owner, cause rejection of the Bid.
15. A Bid Guarantee of five percent (5%) of the amount of the total Bid, including Alternates, must accompany the Proposal and, at the option of the Bidder, may be a cashier's check, certified check or a satisfactory Bid Bond. The Bid Guarantee must be attached to the Louisiana Uniform Public Work Bid Form. No Bid will be considered unless it is so guaranteed. Cashier's check or certified check must be made payable to the order of the Owner. Cash deposits will not be accepted. The Owner reserves the right to cash or deposit the cashier's check or certified check. Such guarantees shall be made payable to the Parish of St. Tammany. In accordance with LSA-R.S. 38:2218(C), if a bid bond is used, it shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company in good standing licensed to write bid bonds which is either domiciled in Louisiana or owned by Louisiana residents. It is **not** required to be on any AIA form.
16. Bid securities of the three (3) lowest Bidders will be retained by the Owner until the Contract is executed or until final disposition is made of the Bids submitted. Bid securities of all other Bidders will be returned promptly after the canvas of Bids. Bids shall remain binding for forty-five (45) days after the date set for Bid Opening. The Parish shall act within the forty-five (45) days to award the contract to the lowest responsible bidder or reject all bids. However, the Parish and the lowest responsible bidder, by mutual written consent, may agree to extend the deadline for award by one or more extensions of thirty (30) calendar days. In the event the Owner issued the Letter of Award during this period, or any extension thereof, the Bid accepted shall continue to remain binding until the execution of the Contract.
17. A Proposal may be withdrawn at any time prior to the scheduled closing time for receipt of Bids, provided the request is in writing, executed by the Bidder or its duly authorized representative and is filed with the Owner prior to that time. When such a request is received, the Proposal will be returned to the Bidder unopened. A bid withdrawn under the provisions of LSA-R.S. 38:2214(C) cannot be resubmitted.
18. Written communications, over the signature of the Bidder, to modify Proposals will be accepted and the Proposal corrected in accordance therewith if received by the Owner prior to the scheduled closing time for receipt of Bids. Oral, telephonic or telegraphic Modifications will not be considered.
19. No oral interpretation obligating the Owner will be made to any Bidder as to the meaning of the Drawings, Specifications and Contract Documents. Every request for such an interpretation shall be made in writing and addressed and forwarded to the Owner. Inquiries received within seven (7) days prior to the day fixed for opening of the Bids may not be given consideration. Every interpretation made to the Bidder shall be in the form of an addendum to the Specifications. All such Addenda shall become part of the Contract Documents. Failure of the Owner to send or failure of Bidder to receive any such interpretation shall not relieve any Bidder from any obligation under this Bid as submitted without Modification. All Addenda shall be issued in accordance with the Public Bid Law, LSA-R.S. 38:2212(O).
20. The Owner reserves the right to reject any or all Bids for just cause in accordance with the Public Bid Law, LSA-R.S. 38:2214(B). Incomplete, informal, illegible, or unbalanced Bids may be rejected. Reasonable grounds for belief that any one Bidder is concerned directly or indirectly with more than one Bid will cause rejection of all Bids wherein such Bidder is concerned. If required, a Bidder shall furnish satisfactory evidence of its competence and ability to perform the Work stipulated in its Proposal. Incompetence will constitute cause for rejection. If the Parish determines that the bidder is not responsive or responsible for any reason whatsoever, the bid may be rejected in accordance with State law.

21. Contractor shall be liable without limitation to the Parish for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors.
22. Upon notice of any claim, demand, suit, or cause of action against the Parish, alleged to arise out of or be related to this Contract, Contractor shall investigate, handle, respond to, provide defense for, and defend at its sole expense, even if the claim, demand, suit, or cause of action is groundless, false, or fraudulent. The Parish may, but is not required to, consult with or assist the Contractor, but this assistance shall not affect the Contractor's obligations, duties, and responsibilities under this section. Contractor shall obtain the Parish's written consent before entering into any settlement or dismissal.
23. It is understood and agreed that neither party can foresee the exigencies beyond the control of each party which arise by reason of an Act of God or force majeure; therefore, neither party shall be liable for any delay or failure in performance beyond its control resulting from an Act of God or force majeure. The Parish shall determine whether a delay or failure results from an Act of God or force majeure based on its review of all facts and circumstances. The parties shall use reasonable efforts, including but not limited to, use of continuation of operations plans (COOP), business continuity plans, and disaster recovery plans, to eliminate or minimize the effect of such events upon the performance of their respective duties under this Contract.
24. Contractor shall fully indemnify and hold harmless the Parish, without limitation, for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors. The Contractor shall not indemnify for the portion of any loss or damage arising from the Parish's act or failure to act.
25. Contractor shall fully indemnify and hold harmless the Parish, without limitation, from and against damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities in any action for infringement of any intellectual property right, including but not limited to, trademark, trade-secret, copyright, and patent rights.

When a dispute or claim arises relative to a real or anticipated infringement, the Contractor, at its sole expense, shall submit information and documentation, including formal patent attorney opinions, as required by the Parish.

If the use of the product, material, service, or any component thereof is enjoined for any reason or if the Contractor believes that it may be enjoined, Contractor, while ensuring appropriate migration and implementation, data integrity, and minimal delays of performance, shall at its sole expense and in the following order of precedence: (i) obtain for the Parish the right to continue using such product, material, service, or component thereof; (ii) modify the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; (iii) replace the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; or, (iv) provide the Parish monetary compensation for all payments made under the Contract related to the infringing product, material, service, or component, plus for all costs incurred to procure and implement a non-infringing product, material, or service of at least equal quality and performance. Until this obligation has been satisfied, the Contractor remains in default.

The Contractor shall not be obligated to indemnify that portion of a claim or dispute based upon the Parish's unauthorized: i) modification or alteration of the product, material or service; ii) use of the product, material or service in combination with other products not furnished by Contractor; or, iii) use of the product, material or service in other than the specified operating conditions and environment.

26. Bidders shall familiarize themselves with and shall comply with all applicable Federal and State Laws, municipal ordinances and the rules and regulations of all authorities having

jurisdiction over construction of the Project, which may directly or indirectly affect the Work or its prosecution. These laws and/or ordinances will be deemed to be included in the Contract, as though herein written in full.

27. Each Bidder shall visit the site of the proposed Work and fully acquaint itself with all surface and subsurface conditions as they may exist so that it may fully understand this Contract. Bidder shall also thoroughly examine and be familiar with drawings, Specifications and Contract Documents. The failure or omission of any Bidder to receive or examine any form, instrument, Drawing or document or to visit the site and acquaint itself with existing conditions shall in no way relieve any Bidder from any obligation with respect to its Bid and the responsibility in the premises.
28. The standard contract form enclosed with the Proposal documents is a prototype. It is enclosed with the Contract Documents for the guidance of the Owner and the Contractor. It has important legal consequences in all respects and consultation with an attorney is encouraged. Contractor shall be presumed to have consulted with its own independent legal counsel.
29. When one set of Contract plans show the Work to be performed by two or more prime Contractors, it is the responsibility of each Bidder to become knowledgeable of the Work to be performed by the other where the Work upon which this bid is submitted is shown to come into close proximity or in conflict with the Work of the other. In avoiding conflicts, pressure pipe lines must be installed to avoid conflict with gravity pipe lines and the Bidder of the smaller gravity pipe line in conflict with the larger gravity pipe line must include in his Bid the cost of a conflict box at these locations. The location of and a solution to the conflicts do not have to be specifically noted as such on the plans.
30. Bidder shall execute affidavit(s) attesting compliance with LSA-R.S. 38:2212.10, 38:2224, 38:2227, each as amended, and other affidavits as required by law, prior to execution of the contract.
31. In accordance with Louisiana Law, all Corporations (See LA R.S. 12:26.1) and Limited Liability Companies (See LA R.S. 12:1308.2) should be registered and in good standing with the Louisiana Secretary of State in order to hold a contract.
32. Sealed Bids shall be delivered to St. Tammany Parish Government at the office of **St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471**, and a receipt given, until the time and date denoted in Notice to Bidders, at which time and place the Bids shall be publicly opened and read aloud to those present. In accordance with LSA-R.S. 38:2212(H), the designer's final estimated cost of construction shall be read aloud upon opening bids. Sealed Bids may also be mailed by certified mail to **St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471**, and must be received before the bid opening. Bids may also be submitted electronically. Information concerning links for electronic bidding is contained in the Notice to Bidders. It is the responsibility of the Bidders to ensure that bids are delivered in a timely fashion. **Late bids, regardless of reason, will not be considered, and will be returned to bidder.**
33. Paper bids shall be placed in a sealed envelope, marked plainly and prominently as indicated in the Notice to Bidders, and these Instructions, and addressed:

**St. Tammany Parish Government
Department of Procurement
21454 Koop Drive, Suite 2-F
Mandeville, LA 70471**
34. See Notice to Bidders for availability of Drawings, Specifications and Contract Documents via electronic methods.
35. The successful Bidder shall be required to post in each direction a public information sign, 4' x 4' in size, at the location of the project containing information required by the Owner. The Owner shall supply this information.
36. The award of the Contract, if it is awarded, will be to the lowest responsible Bidder, in accordance with State Law. No award will be made until the Owner has concluded such investigations as it deems necessary to establish the responsibility and qualifications of the

Bidder to do the Work in accordance with the Contract Documents to the satisfaction of the Owner within the time prescribed as established by the Department based upon the amount of work to be performed and the conditions of same. The written contract and bond shall be issued in conformance with LSA-R.S. 38:2216. If the Contract is awarded, the Owner shall give the successful Bidder written notice of the award within forty-five (45) calendar days after the opening of the Bids in conformance with LSA-R.S. 38:2215(A), or any extension as authorized thereunder.

37. At least three days prior to the execution of the Contract, the Contractor shall deliver to the Owner the required Bonds.
38. Failure of the successful Bidder to execute the Contract and deliver the required Bonds within ten (10) days of the Notice of the Award shall be just cause for the Owner to annul the award and declare the Bid and any guarantee thereof forfeited. Award may then be made to the next lowest responsible bidder.
39. In order to ensure the faithful performance of each and every condition, stipulation and requirement of the Contract and to indemnify and hold harmless the Owner from any and all damages, either directly or indirectly arising out of any failure to perform same, the successful Bidder to whom the Contract is awarded shall furnish a Performance and Payment Bond in an amount of at least equal to one hundred percent (100%) of the Contract Price. The Contract shall not be in force or binding upon the Owner until such satisfactory Bond has been provided to and approved by the Parish. The cost of the Bond shall be paid for by the Contractor unless otherwise stipulated in the Special Provisions.
40. No surety Company will be accepted as a bondsman which has no permanent agent or representative in the State upon whom notices referred to in the General Conditions of these Specifications may be served. Service of said notice on said agent or representative in the State shall be equal to service of notice on the President of the Surety Company, or such other officer as may be concerned.
41. In conformance with LSA-R.S. 38:2219(A)(1)(a), (b), and (c):

Any surety bond written for a public works project shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide, to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds.

For any public works project, no surety or insurance company shall write a bond which is in excess of the amount indicated as approved by the U.S. Department of the Treasury Financial Management Service list or by a Louisiana domiciled insurance company with an A- rating by A.M. Best up to a limit of ten percent of policyholders' surplus as shown by A.M. Best; companies authorized by this Paragraph who are not on the treasury list shall not write a bond when the penalty exceeds fifteen percent of its capital and surplus, such capital and surplus being the amount by which the company's assets exceed its liabilities as reflected by the most recent financial statements filed by the company with the Department of Insurance.

In addition, any surety bond written for a public works project shall be written by a surety or insurance company that is currently licensed to do business in the state of Louisiana. All contractors must comply with any other applicable provisions of LSA-R.S. 38:2219.

42. Should the Contractor's Surety, even though approved and accepted by the Owner, subsequently remove its agency or representative from the State or become insolvent, bankrupt, or otherwise fail, the Contractor shall immediately furnish a new Bond in another company approved by the Owner, at no cost to the Owner. The new Bond shall be executed under the same terms and conditions as the original Bond. The new bond shall be submitted within thirty (30) days of such time as the Owner notifies Contractor or from the time Contractor learns or has reason to know that the original surety is no longer financially viable or acceptable to the Parish, whichever occurs first. In the event that Contractor fails

or refuses to timely secure additional surety, then the Owner may secure such surety and thereafter deduct such cost or expense from any sum due, or to become due to Contractor.

43. The Contractor's bondsman shall obligate itself to all the terms and covenants of these Specifications and of contracts covering the Work executed hereunder. The Owner reserves the right to do Extra Work or make changes by altering, adding to deducting from the Work under the conditions and in the manner herein before described without notice to the Contractor's surety and without in any manner affecting the liability of bondsman or releasing it from any of its obligations hereunder.
44. The Bond shall also secure for the Owner the faithful performance of the Contract in strict accordance with plans, specifications, and other Contract Documents. It shall protect the Owner against all lien laws of the State and shall provide for payment of reasonable attorney's fees for enforcement of Contract and institution or concursus proceedings, if such proceedings become necessary. Likewise, it shall provide for all additional expenses of the Owner occurring through failure of the Contractor to perform.
45. The surety of the Contractor shall be and does hereby declare and acknowledge itself by acceptance to be bound to the Owner as a guarantor, jointly and in solido, with the Contractor, for fulfillment of terms of the Contract.
46. The performance Bond and Labor and Material Bond forming part of this Contract shall be continued by Contractor and its Surety for a period of one (1) year from date of acceptance of the Work/Project by Owner to assure prompt removal and replacement of all defective material, equipment, components thereof, workmanship, etc., and to assure payment of any damage to property of Owner or others as a result of such defective materials, equipment, workmanship, etc.
47. Contractor authorizes Parish to deduct from any payment due herein costs and service fees for recordation of this Contract in full or an excerpt hereof, or any revisions or modifications thereof as required by law. Contractor agrees to execute an excerpt or extract of this agreement for recordation purposes. If Contractor fails to execute such an excerpt, then the Parish shall file and record the entire Contract and all attachments at the expense of Contractor and Parish is hereby authorized to deduct all related costs from any proceeds due to the Contractor.
48. Contractor shall secure and maintain at its expense such insurance that will protect it and the Parish from claims for injuries to persons or damages to property which may arise from or in connection with the performance of Services or Work hereunder by the Contractor, his agents, representatives, employees, and/or subcontractors. The cost of such insurance shall be included in Contractor's bid.
49. The Contractor shall not commence work until it has obtained all insurance as required for the Parish Project. If the Contractor fails to furnish the Parish with the insurance protection required and begins work without first furnishing Parish with a currently dated certificate of insurance, the Parish has the right to obtain the insurance protection required and deduct the cost of insurance from the first payment due the Contractor. Further deductions are permitted from future payments as are needed to protect the interests of the Parish including, but not limited to, renewals of all policies.
50. Payment of Premiums: The insurance companies issuing the policy or policies shall have no recourse against the Parish of St. Tammany for payment of any premiums or for assessments under any form of policy.
51. Deductibles: Any and all deductibles in the described insurance policies shall be assumed by and be at the sole risk of the Contractor.
52. Authorization of Insurance Company(ies) and Rating: All insurance companies must be authorized to do business in the State of Louisiana and shall have an A.M. Best rating of no less than A-, Category VII.
53. Policy coverages and limits must be evidenced by Certificates of Insurance issued by Contractor's carrier to the Parish and shall reflect:

Date of Issue: Certificate must have current date.

Named Insured: The legal name of Contractor under contract with the Parish and its principal place of business shall be shown as the named insured on all Certificates of Liability Insurance.

Name of Certificate Holder: St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434

Project Description: A brief project description, including Project Name, Project Number and/or Contract Number, and Location.

Endorsements and Certificate Reference: All policies must be endorsed to provide, and certificates of insurance must evidence the following:

Waiver of Subrogation: The Contractor's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance. *Policy endorsements required for all coverages.*

Additional Insured: The Parish of St. Tammany shall be named as additional named insured with respect to general liability, marine liability, pollution/environmental liability, automobile liability and excess liability coverages. *Policy endorsements required.*

Hold Harmless: Contractor's liability insurers shall evidence their cognizance of the Hold Harmless and Indemnification in favor of St. Tammany Parish Government by referencing same on the face of the Certificate(s) of Insurance.

Cancellation Notice: Producer shall provide thirty (30) days prior written notice to the Parish of policy cancellation or substantive policy change.

54. The types of insurance coverage the Contractor is required to obtain and maintain throughout the duration of the Contract shall be designated by a separate document issued by the Office of Risk Management.
55. It is the intent of these instructions that they are in conformance with State Bid Laws. Should there be any discrepancy or ambiguity in these provisions, the applicable State Bid Law shall apply.
56. The letting of any public contract in connection with funds that are granted or advanced by the United States of America shall be subject to the effect, if any, of related laws of said United States and valid rules and regulations of federal agencies in charge, or governing use and payment of such federal funds.
57. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals must be filed with and received by the Procurement Department BEFORE two (2) working days of the bid opening. Any other protest shall be filed no later than ten (10) calendar days after: the opening of the bid; the basis of the protest is known; or the basis of the protest should have been known (whichever is earlier).
58. It is the Parish's policy to provide a method to protest exclusion from a competition or from the award of a contract, or to challenge an alleged solicitation irregularity. It is always better to seek a resolution within the Parish system before resorting to outside agencies and/or litigation to resolve differences. All protests must be made in writing, and shall be concise and logically presented to facilitate review by the Parish. The written protest shall include:

The protester's name, address, and fax and telephone numbers and the solicitation, bid, or contract number;

A detailed statement of its legal and factual grounds, including a description of the resulting prejudice to the protester;

Copies of relevant documents;

All information establishing that the protester is an interested party and that the protest is timely; and

A request for a ruling by the agency; and a statement of the form of relief requested.

The protest shall be addressed to St. Tammany Parish Government Department of Procurement, P.O. Box 628, Covington, LA 70434

The protest review shall be conducted by the Parish Legal Department.

Only protests from interested parties will be allowed. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals, must be filed with and received by the Department of Procurement BEFORE those deadlines.

Any other protest shall be filed no later than ten (10) calendar days after the basis of the protest is known, or should have been known (whichever is earlier).

The Parish will use its best efforts to resolve the protest within thirty (30) days of the date that it is received by the Parish. The written response will be sent to the protestor via mail and fax, if a fax number has been provided by the protestor. The protestor can request additional methods of notification.

59. The last day to submit questions to Procurement shall be no later than 2:00 pm CST, seven (7) working days prior to the opening of bids and verification on comparable products will be no later than 2:00 pm CST, fourteen (14) working days prior to the opening date of the bid/proposal due date. Further, any questions or inquires must be submitted via fax to 985-898-5227, or via email to Procurement@stpgov.org. Any questions or inquiries received after the required deadline to submit questions or inquiries will not be answered.

Schedule of Events

	<u>Date</u>	<u>Time (CT)</u>
Bid Due Date	January 7, 2025	2:00 PM
Inquiry Deadline	December 19, 2024	2:00 PM
Addendum Deadline	January 2, 2025	2:00 PM

NOTE: The Parish reserves the right to revise this schedule. Any such revision will be formalized by the issuance of an addendum to the Bid Request.

60. St. Tammany Parish Government contracts to be awarded are dependent on the available funding and/or approval by members designated and/or acknowledged by St. Tammany Parish Government. At any time, St. Tammany Parish Government reserves the right to cancel the award of a contract if either or both of these factors is deficient.
61. Any action by the Parish to disqualify any Bidder on the grounds that they are not a responsible Bidder shall be conducted in accordance with LSA-R.S. 38:2212(X).
62. Failure to complete or deliver within the time specified or to provide the services as specified in the bid or response will constitute a default and may cause cancellation of the contract. Where the Parish has determined the contractor to be in default. The Parish reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with the cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid or response from the defaulting contractor will be considered.
63. If any part of the provisions contained herein and/or in the Specifications and Contract for the Work shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Agreement or attachment, but it shall be construed as if such invalid, illegal, or unenforceable provision or part of a provision had never been contained herein.

Section 03

Summary of Work

I. Work to Include:

Work to include asphalt mill and overlay, rebuilding sections of roadway, pavement patching, replacement of culverts, installation of subsurface drainage, box culvert installation, excavation and embankment work, regrading of ditches, signage, striping and the installation of speed tables.

The Parish reserves the right to add, remove or otherwise modify the above, as determined necessary by the Parish and as allowed by the law.

II. Location of Work:

Work will occur on Soell Dr. (R03L011), Helenbirg Rd. (R03L001), and Mire Dr. (R03L016) located in Sections 12, 13, 14, and 15, Township 7 South, Range 11 East, in Abita Springs and Covington, LA.

III. Documents: Bid Documents dated October 28, 2024, and entitled:

Soell Dr, Soell Dr Drainage, Helenbirg Dr, Mire Dr

Bid No.: 24-71-2

IV. OTHER REQUIREMENTS (as applicable)

When not otherwise specified herein, all work and materials shall conform to the requirements of the Louisiana Department of Transportation and Development hereafter called LDOTD (2016 Edition of Louisiana Standard Specifications for Roads and Bridges).

Table 3.1

Liquidated Damages	
Original Contract Amount	Daily Charge
Dollars	Dollars
0 - 250,000	500
250,000 – 1 Million	1,000
> 1 Million – 5 Million	1,500
> 5 Million – 10 Million	2,000
> 10 Million	3,000

- Parish reserves the right to increase the Daily charge rate due to additional provisions required in order to complete the project as described in the specifications

Section 04

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: St. Tammany Parish Government
21454 Koop Dr., Suite 2F
Mandeville, La 70471

(Owner to provide name and address of owner)

BID FOR: Soell Dr, Soell Dr Drainage, Helenbirg Dr,
Mire Dr
Bid No.: 24-71-2

(Owner to provide name of project and other identifying information.)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: St. Tammany Parish Government and dated: October 28, 2024.

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA: (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging)

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

Dollars (\$)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

Alternate No. 2 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

Alternate No. 3 (Owner to provide description of alternate and state whether add or deduct) for the lump sum of:

N/A Dollars (\$)

NAME OF BIDDER:

ADDRESS OF BIDDER:

LOUISIANA CONTRACTOR'S LICENSE NUMBER:

NAME OF AUTHORIZED SIGNATORY OF BIDDER:

TITLE OF AUTHORIZED SIGNATORY OF BIDDER:

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **:

DATE:

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** A CORPORATE RESOLUTION OR WRITTEN EVIDENCE of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORK BID FORM UNIT PRICE FORM

TO:

St. Tammany Parish Government

21454 Koop Drive, Suite 2F

Mandeville, LA. 70471

(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER)

BID FOR:

Soell Dr, Soell Dr Drainage, Helenberg Dr, Mire Dr

Bid No.: 24-71-2

(OWNER TO PROVIDE PROJECT NAME & OTHER IDENTIFYING INFO)

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

REF NO.:	Description:	<input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #		CLEARING AND GRUBBING (SELECTIVE)	
		QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
201-01-00200		1	LUMP		
	Description:	<input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #		REMOVAL OF STRUCTURES AND OBSTRUCTIONS	
REF NO.:		QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-01-00100		1	LUMP		
	Description:	<input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #		REMOVAL OF ASPHALT DRIVES	
REF NO.:		QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-02000		336.9	SQYD		
	Description:	<input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #		REMOVAL OF PAVEMENT STRUCTURE	
REF NO.:		QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-03030		1555.9	SQYD		

Wordings for "Description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF CONCRETE WALKS AND DRIVES	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-06100		259		SQYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (CROSS DRAIN)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-32100		227		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE (SIDE DRAIN)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-32120		753		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF PIPE HEADWALLS	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-32180		1		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF SIGNS	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-38200		59		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF SIGN AND U-CHANNEL POST	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-38300		38		EACH		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REMOVAL OF SIGN FACES		UNIT PRICE EXTENSION (Quantity times unit price)
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		
202-02-38360		48		EACH			
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	GENERAL EXCAVATION		
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
203-01-00100		645		CUYD			
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	EMBANKMENT		
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
203-03-00100		659		CUYD			
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	NONPLASTIC EMBANKMENT		
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
203-04-00100		31.6		CUYD			
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	EXCAVATION AND EMBANKMENT		
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
203-06-00100		212		LNFT			
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CLEANING EXISTING DITCHES		
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)
203-10-00100		891		LNFT			

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	TEMPORARY HAY OR STRAW BALES	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
204-02-00100	25	EACH				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	TEMPORARY SILT FENCING	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
204-06-00100	800	LNFT				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CLASS II BASE COURSE (CRUSHED STONE)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
302-01-00300	359	CUYD				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
401-02-00100	1.5	CUYD				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MAINLINE TRAFFIC MAINTENANCE SURFACING (AGGREGATE) (VEH MEASUREMENT)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
402-01-00100	11.1	CUYD				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	NON-MAINLINE TRAFFIC MAINTENANCE SURFACING (AGGREGATE) (VEHICULAR MEASUREMENT)	
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)		
402-03-00100	67.5	CUYD				

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	ASPHALT CONCRETE	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00100		6179		TON		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00200		932.7		TON		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MILLING ASPHALT PAVEMENT	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
509-01-00100		57317.1		SQYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PAVEMENT PATCHING (12" MINIMUM THICKNESS)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
510-01-00200		1376.1		SQYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PAVEMENT PATCHING (18" MINIMUM THICKNESS)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
510-01-00300		97.8		SQYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CROSS DRAIN PIPE (30" RCP)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-01-01021		29		LNFT		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CROSS DRAIN PIPE ARCH (30" EQUIV. RCPA)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-02-01020		32		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE ARCH (15" EQUIV. RCPA)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01000		142		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE ARCH (18" EQUIV. RCPA)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01020		208		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	STORM DRAIN PIPE ARCH (24" EQUIV. RCPA)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01040		24		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN PIPE (18" RCP/RPVCP/CPEPDW/CPPPDW)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01049		903		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN PIPE (24" RCP/RPVCP/CPEPDW/CPPPDW)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01068		162		LNFT		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIDE DRAIN PIPE (30" RCP/RPVCP/CPEPDW/CPPPDW/CPPPTW)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-05-01086		76		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CATCH BASINS (CB-01)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00100		20		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CATCH BASINS (CB-02)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00200		2		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	ADJUSTING MANHOLES W/MANHOLE ADJUSTMENT RINGS	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-04-00150		2		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONVERT CATCH BASINS TO MANHOLES	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-04-00210		2		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONCRETE DRIVE (6" THICK)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
706-02-00200		23		SQYD		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONCRETE DRIVE (8" THICK)		UNIT PRICE EXTENSION (Quantity times unit price)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE			
706-02-00300		234		SQYD				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	TEMPORARY SIGNS AND BARRICADES			
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)	
713-01-00100		1		LUMP				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SLAB SODDING (CENTIPEDE)			
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)	
714-01-00700		600		SQYD				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SEEDING			
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)	
717-01-00100		35.2		LB				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	FERTILIZER			
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)	
718-01-00100		796		LB				
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	EROSION CONTROL SYSTEM (SLOPE PROTECTION) (TYPE A)			
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE		UNIT PRICE EXTENSION (Quantity times unit price)	
720-01-01000		1075		SQYD				

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	EROSION CONTROL SYSTEM, FLEXIBLE (CHANNEL LINER) (TYPE C)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
720-01-02000		2778		SQYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	BEDDING MATERIAL	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
726-01-00100		323.4		CUYD		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	MOBILIZATION	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
727-01-00100		1		LUMP		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SIGN (TYPE A)(FURNISH AND INSTALL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-01-00102		619		SQFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	OBJECT MARKER ASSEMBLY (TYPE 3)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-16-00300		24		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	U-CHANNEL POST	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-21-00100		48		EACH		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REFLECTORIZED RAISED PAVEMENT MARKERS	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
731-02-00100		1189		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (24" WIDTH) (THERMOPLASTIC 125 MIL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-01-02080		122		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-02-02000		12.57		MILE		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (SOLID LINE) (8" WIDTH) (THERMOPLASTIC 90 MIL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-02-02040		0.012		MILE		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT STRIPING (DOTTED LINE) (8' W) (2' L) (THERMO 90 MIL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-03-02030		0.01		MILE		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - LEFT TURN)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-04-01080		1		EACH		

Wordings for description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	PLASTIC PAVEMENT LEGENDS AND SYMBOLS (ARROW - RIGHT TURN)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-04-01100		1		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	CONSTRUCTION LAYOUT	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
740-01-00100		1		LUMP		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REINFORCED CONCRETE BOX CULVERTS (PRECAST) (6' X 5')	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
805-15-00700		84		LNFT		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	REINF CONC BOX CULVERT HDWL (11.88 CU. YD. CONC) (1,051 LB. STL)	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
805-17-00100		2		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SPEED TABLE	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-001		12		EACH		
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	SAW CUTTING ASPHALT CONCRETE PAVEMENT	
REF NO.:		QUANTITY		UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-500-00340		552		INLF		

Wordings for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #		SAW CUTTING PORTLAND CEMENT CONCRETE PAVEMENT		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-600-00220	960	INLF		

Section 05

**AFFIDAVIT PURSUANT TO LSA-R.S. 38:2224 and 38:2227
FOR BIDDERS FOR PUBLIC WORKS CONTRACTS**

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, in and for the above stated State and Parish (or County), personally came and appeared:

Print Name

who, after first being duly sworn, did depose and state:

1. That affiant is appearing on behalf of _____, who is seeking a public contract with St. Tammany Parish Government.
2. That affiant employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for affiant; and
3. That no part of the contract price received by affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for affiant.
4. If affiant is a sole proprietor, that after July 2, 2010, he/she has not been convicted of, or has not entered a plea of guilty or *nolo contendere* to any of the crimes or equivalent federal crimes listed in LSA-R.S. 38:2227(B).
5. If affiant is executing this affidavit on behalf of a juridical entity such as a partnership, corporation, or LLC, etc., that no individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the bidding entity, has been convicted of, or has entered a plea of guilty or *nolo contendere* to any

of the crimes or equivalent federal crimes listed in LSA-R.S. 38:2227(B).

6. If affiant is a sole proprietor, that neither affiant, nor his/her immediate family is a public servant of St. Tammany Parish Government or the Contract is not under the supervision or jurisdiction of the public servant's agency.

7. If affiant is executing this affidavit on behalf of a juridical entity such as a partnership, corporation, or LLC, etc., that no public servant of St. Tammany Parish Government, or his/her immediate family, either individually or collectively, has more than a 25% ownership interest in the entity seeking the Contract with St. Tammany Parish Government if the Contract will be under the supervision or jurisdiction of the public servant's agency.

Printed Name: _____
Title: _____
Entity name: _____

THUS SWORN TO AND SUBSCRIBED BEFORE ME,
THIS _____, DAY OF _____, 202__.

Notary Public
Print Name: _____
Notary I.D./Bar No.: _____
My commission expires: _____

**AFFIDAVIT PURSUANT TO LSA-R.S. 38:2212.10 CONFIRMING
REGISTRATION AND PARTICIPATION IN A STATUS VERIFICATION
SYSTEM**

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, in and for the above stated State and Parish (or County), personally came and appeared:

Print Name

who, after first being duly sworn, did depose and state:

1. That affiant is appearing on behalf of _____, a private employer seeking a bid or a contract with St. Tammany Parish Government for the physical performance of services within the State of Louisiana.

2. That affiant is registered and participates in a status verification system to verify that all employees in the state of Louisiana are legal citizens of the United States or are legal aliens; and

3. That affiant shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.

4. That affiant shall require all subcontractors to submit to the affiant a sworn affidavit verifying compliance with this law.

Printed Name: _____
Title: _____
Name of Entity: _____

**THUS SWORN TO AND SUBSCRIBED BEFORE ME,
THIS _____, DAY OF _____, 202__.**

Notary Public
Print Name: _____
Notary I.D./Bar No.: _____
My commission expires: _____



INSURANCE REQUIREMENTS*

Construction Project: Soell Dr, Soell Dr Drainage, Helenbirg Dr, Mire Dr
Project/Quote/Bid#: 24-71-2

*****IMPORTANT – PLEASE READ*****

Prior to submitting your quote or bid, it is recommended that you review these insurance requirements with your insurance broker/agent.

These requirements modify portions of the insurance language found in the General Conditions and/or Supplementary General Conditions; however, there is no intention to remove all sections pertaining to insurance requirements and limits set forth in the General Conditions and/or Supplementary General Conditions, only to amend and specify those items particular for this Project.

- A. The Provider shall secure and maintain at its expense such insurance that will protect it and St. Tammany Parish Government (the "Parish") from claims for bodily injury, death or property damage as well as from claims under the Workers' Compensation Acts that may arise from the performance of services under this agreement. All certificates of insurance shall be furnished to the Parish and provide thirty (30) days prior notice of cancellation to the Parish, in writing, on all of the required coverage.
- B. All policies shall provide for and certificates of insurance shall indicate the following:
1. Waiver of Subrogation: The Provider's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance.
 2. Additional Insured: St. Tammany Parish Government shall be named as Additional Insured with respect to general liability, automobile liability and excess liability coverages, as well as marine liability and pollution/environmental liability, when those coverages are required or necessary.
 3. Payment of Premiums: The insurance companies issuing the policy or policies will have no recourse against St. Tammany Parish Government for payment of any premiums or for assessments under any form of policy.
 4. Project Reference: The project(s) and location(s) shall be referenced in the Comment or Description of Operations section of the Certificate of Insurance (Project ##-###, or Bid # if applicable, Type of Work, Location).
- C. Coverage must be issued by insurance companies authorized to do business in the State of Louisiana. Companies must have an A.M. Best rating of no less than A-, Category VII. St. Tammany Parish Risk Management Department may waive this requirement only for Workers Compensation coverage at their discretion.

Provider shall secure and present proof of insurance on forms acceptable to St. Tammany Parish Government, Office of Risk Management no later than the time of submission of the Contract to the Parish. However, should any work performed under this Contract by or on behalf of Provider include exposures that are not covered by those insurance coverages, Provider is not relieved of its obligation to maintain appropriate levels and types of insurance necessary to protect itself, its agents and employees, its subcontractors, St. Tammany Parish Government (Owner), and all other interested third parties, from any and all claims for damage or injury in connection with the services performed or provided throughout the duration of this Project, as well as for any subsequent periods required under this Contract.

The insurance coverages checked (✓) below are those required for this Contract.

- 1. **Commercial General Liability*** insurance – **Occurrence Form** - with a Combined Single Limit for bodily injury and property damage of at least \$1,000,000 per Occurrence / \$2,000,000 General Aggregate and \$2,000,000 Products-Completed Operations. Contracts over \$1,000,000 may require higher limits. The insurance shall provide for and the certificate(s) of insurance shall indicate the following coverages:
 - a) Premises - operations;
 - b) Broad form contractual liability;
 - c) Products and completed operations;
 - d) Personal/Advertising Injury;
 - e) Broad form property damage (for Projects involving work on Parish property);
 - f) Explosion, Collapse and Damage to underground property.
 - g) Additional Insured forms CG 2010 and CG 2037 in most current edition are required.

- 2. **Business Automobile Liability*** insurance with a Combined Single Limit of \$1,000,000 per Occurrence for bodily injury and property damage, and shall include coverage for the following:
 - a) Any auto;
 - or**
 - b) Owned autos; **and**
 - c) Hired autos; **and**
 - d) Non-owned autos.

- 3. **Workers' Compensation/Employers Liability insurance*** - Workers' Compensation coverage as required by State law. Employers' liability limits shall be a minimum of \$1,000,000 each accident, \$1,000,000 each disease, \$1,000,000 disease policy aggregate. When water activities are expected to be performed in connection with this project, coverage under the USL&H Act, Jones Act and/or Maritime Employers Liability (MEL) must be included. **Coverage for owners, officers and/or partners in any way engaged in the Project shall be included in the policy.** The names of any excluded individual must be shown in the Description of Operations/Comments section of the Certificate.

- 4. **Pollution Liability and Environmental Liability*** insurance in the minimum amount of \$1,000,000 per occurrence / \$2,000,000 aggregate including full contractual liability and third party claims for bodily injury and/or property damage, for all such hazardous waste, pollutants and/or environmental exposures that may be affected by this project stemming from pollution/environmental incidents as a result of Contractor's operations.

If coverage is provided on a claims-made basis, the following conditions apply:

- 1) the retroactive date must be prior to or coinciding with the effective date of the Contract, or prior to the commencement of any services provided by the Contractor on behalf of the Parish, whichever is earlier; AND
- 2) continuous coverage must be provided to the Parish with the same retro date for 24 months following acceptance or termination of the Project by the Parish either by
 - a) continued renewal certificates **OR**
 - b) a 24 month Extended Reporting Period

*The Certificate must indicate whether the policy is written on an occurrence or claims-made basis and, if claims-made, the applicable retro date must be stated.

5. **Contractor's Professional Liability/Errors and Omissions*** insurance in the sum of at least \$1,000,000 per claim / \$2,000,000 aggregate is required when work performed by Contractor or on behalf of Contractor includes professional or technical services including, but not limited to, construction administration and/or management, engineering services such as design, surveying, and/or inspection, technical services such as testing and laboratory analysis, and/or environmental assessments. An occurrence basis policy is preferred.

If coverage is provided on a claims-made basis, the following conditions apply:

- 1) the retroactive date must be prior to or coinciding with the effective date of the Contract, or prior to the commencement of any services provided by the Contractor on behalf of the Parish, whichever is earlier; AND
- 2) continuous coverage must be provided to the Parish with the same retro date for 24 months following acceptance or termination of the Project by the Parish either by
 - a) continued renewal certificates **OR**
 - b) a 24 month Extended Reporting Period

*The Certificate must indicate whether the policy is written on an occurrence or claims-made basis and, if claims-made, the applicable retro date must be stated.

6. **Marine Liability/Protection and Indemnity*** insurance is required for any and all vessel and/or marine operations in the minimum limits of \$1,000,000 per occurrence / \$2,000,000 per project general aggregate. The coverage shall include, but is not limited to, the basic coverages found in the Commercial General Liability insurance and coverage for third party liability

***Excess/Umbrella Liability** insurance may be provided to meet the limit requirements for any Liability coverage. For example: if the General Liability requirement is \$3,000,000 per occurrence, but the policy is only \$1,000,000 per occurrence, then the excess policy should be at least \$2,000,000 per occurrence thereby providing a combined per occurrence limit of \$3,000,000.)

7. **Owners Protective Liability (OPL)** shall be furnished by the Contractor and shall provide coverage in the minimum amount of \$1,000,000 CSL each occurrence / \$1,000,000 aggregate. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the policy.**

8. **Builder's Risk Insurance** written as an "all-risk" policy providing coverage in an amount at or greater than one hundred percent (100%) of the completed value of the contracted project. Any contract modifications increasing the contract cost will require an increase in the limit of the Builder's Risk policy. Deductibles should not exceed \$5,000 and Contractor shall be responsible for all policy deductibles. This insurance shall cover materials at the site, stored off the site, and in transit. The Builder's Risk Insurance shall include the interests of the Owner, Contractor and Subcontractors and shall terminate only when the Project is accepted in writing. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be named as a Loss Payee on the policy.**

9. **Installation Floater Insurance**, on an "all-risk" form, shall be furnished by Contractor and carried for the full value of the materials, machinery, equipment and labor for each location. The Contractor shall be responsible for all policy deductibles. The Installation Floater Insurance shall provide coverage for property owned by others and include the interests of the Owner, Contractor and Subcontractors and shall terminate only when the Project is accepted in writing. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be named as a Loss Payee on the policy.**

- D. All policies of insurance shall meet the requirements of the Parish prior to the commencing of any work. The Parish has the right, but not the duty, to approve all insurance coverages prior to commencement of work. If any of the required policies are or become unsatisfactory to the Parish as to form or substance; or if a company issuing any policy is or becomes unsatisfactory to the Parish, the Provider shall promptly obtain a new policy, timely submit same to the Parish for approval, and submit a certificate thereof as provided above. The Parish agrees not to unreasonably withhold approval of any insurance carrier selected by Provider. In the event that Parish cannot agree or otherwise authorize a carrier, Provider shall have the option of selecting and submitting a new insurance carrier within 30 days of said notice by the Parish. In the event that the second submission is insufficient or is not approved, then the Parish shall have the unilateral opportunity to thereafter select a responsive and responsible insurance carrier all at the cost of Provider and thereafter deduct from Provider's fee the cost of such insurance.
- E. Upon failure of Provider to furnish, deliver and/or maintain such insurance as above provided, this contract, at the election of the Parish, may be declared suspended, discontinued or terminated. Failure of the Provider to maintain insurance shall not relieve the Provider from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligation of the Provider concerning indemnification.
- F. Provider shall maintain a current copy of all annual insurance policies and agrees to provide a certificate of insurance to the Parish on an annual basis or as may be reasonably requested for the term of the contract or any required Extended Reporting Period. Provider further shall ensure that all insurance policies are maintained in full force and effect throughout the duration of the Project and shall provide the Parish with annual renewal certificates of insurance evidencing continued coverage, without any prompting by the Parish.
- G. It shall be the responsibility of Provider to require that these insurance requirements are met by all contractors and sub-contractors performing work for and on behalf of Provider. Provider shall further ensure the Parish is named as an additional insured on all insurance policies provided by said contractor and/or sub-contractor throughout the duration of the project.
- H. Certificates of Insurance shall be issued as follows:

**St. Tammany Parish Government
Attn: Risk Management
P O Box 628
Covington, LA 70434**

To avoid contract processing delays, be certain the project name/number is included on all correspondence including Certificates of Insurance.

***NOTICE: St. Tammany Parish Government reserves the rights to remove, replace, make additions to and/or modify any and all of the insurance requirements at any time.**

Any inquiry regarding these insurance requirements should be addressed to:

**St. Tammany Parish Government
Office of Risk Management
P O Box 628
Covington, LA 70434
Telephone: 985-898-5226
Email: riskman@stpgov.org**

Section 07

Project Signs

1. General

- a. Work to include providing and installing project sign(s) at the beginning of the project. Some projects may require multiple signs. Should more than one sign be required, it will be reflected in the bidding documents.

2. Materials

- a. The printed project sign(s) shall be 3/8" primed Medium Density Overlay (MDO) **OR** 3-millimeter corrugated plastic secured to exterior plywood (4' x 4').
- b. Contractor shall not use previously provided templates and/or fonts.

3. Execution

- a. The sign(s) shall be printed on a project-by-project basis in black and white, using the template and font provided to the Contractor by the St. Tammany Parish Government Project Manager.
- b. All signage proofed and approved by State Tammany Parish Government before project sign(s) are to be produced by the Contractor.
- c. Exact placement of the project sign(s) must be coordinated with, and approved by, the St. Tammany Parish Government Project Manager prior to sign installation.
- d. The sign(s) is to be installed such that the bottom of the sign is a minimum of 5' above the existing ground elevation.
- e. Sign(s) is to be maintained throughout the period of construction. If sign(s) is damaged or destroyed, repair and/or replacement of sign(s) will be at Contractor's expense.
- f. Contractor is responsible for the removal of all project signs upon issuance of final acceptance by the St. Tammany Parish Government Project Manager at no direct pay.
- g. Cost to be included in "Temporary Signs and Barricades

Blank Template of Parish Project Sign:

PROGRESS



MICHAEL B. COOPER
Parish President

Councilmember Name
Council District X

Total Dollar \$
amount specified here

\$XXX,XXX.XX

Project Name


Description of
Project Work

Name of Street, Bridge,
Subdivision, etc. stated here

Short Description of Project stated here
(if deemed applicable by the Parish)

Example of a Completed Parish Project Sign:

PROGRESS



MICHAEL B. COOPER
Parish President

RYKERT O. TOLEDANO, JR
Council District 5

\$514,444.40

**Dove Park
Subdivision Drainage**
Drainage Improvements along
Swallow St., Sparrow St.,
Partridge St. and Egret St.

Section 08

General Conditions for St. Tammany Parish Government

This index is for illustrative purposes only and is not intended to be complete nor exhaustive.

All bidders/contractors are presumed to have read and understood the entire document. Some information contained in these conditions may not be applicable to all projects.

GENERAL CONDITIONS INDEX

A.A.S.H.T.O	01.01
A.C.I.	01.02
ADDENDA	01.03, 01.05, 01.12, 02.13, 02.13, 06.02, 06.03
ADVERTISEMENT	01.04, 01.12, 02.21, 02.22, 02.23
AGREEMENT	01.05, 01.11, 01.12, 01.14, 01.15, 01.19, 03.02, 03.03, 03.04, 06.01, 06.02, 10.01, 11.03, 12.01, 14.02, 29.06, 32.01, 32.02, 33.06, 33.07
APPLICATION FOR PAYMENT	01.06, 29.07
A.S.T.M.	01.07
AWARD	03.00, 03.01, 03.04, 03.05
BID	01.08, 01.12, 01.26, 02.02, 02.04, 02.08, 02.09, 02.10, 02.13, 02.14, 02.17, 02.19, 02.21, 03.01, 03.04, 04.02, 14.03, 22.01, 23.01, 28.08
BIDDER	01.04, 01.08, 01.09, 01.26, 01.28, 02.02, 02.04, 02.06, 02.08, 02.09, 02.10, 02.12, 03.13, 02.14, 02.16, 02.17, 02.19, 02.20, 02.21, 02.24, 03.01, 03.04, 03.05, 23.01
BONDS	01.10, 01.12, 02.02, 02.09, 03.00, 03.03, 03.04, 03.05, 03.07, 03.08, 03.10, 03.12, 03.13, 27.06
CHANGE ORDER	01.11, 01.19, 04.01, 09.04, 11.07, 16.02, 16.06, 16.07, 21.06, 21.08, 21.10, 21.11, 29.06, 33.07
CLAIMS	02.15, 04.05, 09.05, 14.01, 16.04, 16.05, 21.16, 24.01
CLOSING ROADS COMMENCE WORK	16.06, 16.07, 16.15 04.04, 07.04, 09.02, 11.02, 14.02, 16.13, 24.02
COMPLETION OF WORK OR PROJECT	01.14, 02.15, 08.03, 09.01, 09.04, 11.00, 11.03, 12.01, 13.01, 13.11, 20.01, 25.01, 28.02, 29.04
CONDITIONS AT JOB SITE	16.17
CONTRACT DOCUMENTS	01.03, 01.03, 01.10, 01.12, 01.13, 01.16, 01.17, 01.18, 01.19, 01.29, 01.22, 01.25, 01.30, 01.33, 02.02, 02.05, 02.13, 02.17, 02.18, 02.23, 03.01, 03.02, 04.01, 04.02, 04.03, 04.04, 04.05, 06.00, 06.01, 06.02, 06.03, 07.02, 07.03, 07.05, 08.01, 10.06, 11.03, 13.01, 13.02, 21.01, 21.09, 21.10, 21.11, 28.01, 28.04, 33.01
CONTRACT PRICE	01.11, 01.13, 03.05, 04.01, 12.01, 14.02, 21.06, 21.10, 21.11, 27.05, 28.01, 28.02, 28.03, 28.08

CONTRACT TIME	01.11, 01.14, 01.22, 10.06, 11.01, 21.06, 29.04
CONTRACTOR - (Defined)	01.15
DAMAGE	02.15, 03.05, 03.12, 04.05, 09.05, 11.09, 13.11, 14.01, 14.02, 16.01, 16.02, 16.03, 16.04, 16.05, 19.01, 19.03, 20.01, 20.08, 23.03, 24.01, 24.07, 24.12, 26.03, 28.05, 28.01, 28.10, 33.07
DEFECTIVE WORK	01.16, 10.03, 21.00, 21.01, 21.07, 21.08, 21.09, 21.10, 28.03
DELAYS	07.02, 11.05, 11.09, 12.01, 16.07, 18.02, 19.01, 28.04
DRAWINGS	01.12, 01.17, 02.13, 02.17, 02.23, 06.01, 06.02, 06.03, 13.15, 22.02, 01.27, 01.33, 03.12, 04.01, 06.02, 09.01, 10.01, 10.02, 11.07, 13.00, 13.01, 13.03, 13.05, 13.11, 13.12, 13.15, 14.02, 14.07, 14.08, 14.09, 16.09, 16.13, 21.01, 21.06, 21.07, 21.14, 24.07, 27.05, 27.07, 28.01, 28.05, 28.10, 29.03, 13.00, 13.11
ENGINEER STATUS (NOT APPLICABLE)	15.00
EXTRA WORK	03.09, 14.00, 14.03, 14.04, 14.05, 14.08, 14.09, 14.10, 14.11, 14.12, 16.01, 22.02
FAILURE OF CONTRACTOR	03.10, 04.05, 06.02, 09.05, 10.01, 10.03, 13.10, 16.03, 20.01, 24.09, 27.02, 28.10
FAILURE OF OWNER	02.13
FAILURE OF SUCCESSFUL BIDDER	02.13, 02.17, 03.04
FIELD ORDER	01.18
FORCE ACCOUNT	14.04, 14.05, 14.11, 14.12
FUNDING	33.09
INDEMNIFY / HOLD HARMLESS	02.15, 03.05, 04.05, 13.11, 16.04, 16.05, 20.02, 24.06, 24.09
INDEMNIFYING INFRINGEMENT CLAUSE	02.15
INJURIES	16.00, 16.01, 16.02, 19.01, 19.03, 20.01, 24.02, 24.07
INSPECTION FEES	13.12
INSPECTIONS, GENERALLY	01.16, 13.05, 16.13, 21.00, 21.03, 21.04, 21.05, 21.06, 21.14, 21.15, 28.04, 29.02, 29.03
INSURANCE	01.05, 14.05, 16.13, 24.00 - 12, 27.07, 28.05
INTENTION OF CONTRACT DOCUMENTS	06.00, 06.01
INTENTION OF GENERAL CONDITIONS	31.00

LABOR	01.33, 03.12, 09.01, 13.00, 13.01, 13.02, 13.08, 13.10, 13.11, 13.12, 14.05, 16.06, 16.07, 21.06, 21.07, 21.15, 27.01, 28.10, 29.03
LAWS	01.10, 01.20, 02.06, 02.13, 02.14, 02.16, 02.20, 03.01, 03.10, 13.12, 16.06, 16.07, 20.02, 21.02, 21.09, 27.01, 29.06, 33.00, 33.01, 33.08
LIQUIDATED DAMAGES	11.03, 12.00, 12.01, 29.04
MATERIALS	01.33, 03.12, 04.01, 06.02, 07.01, 09.01, 10.01, 10.02, 13.00, 13.01, 13.03, 13.04, 13.05, 13.12, 13.13, 13.15, 14.01, 14.11, 20.01, 12.01, 21.07, 21.14, 21.15, 23.03, 27.01, 27.05, 27.07, 28.01, 28.05, 28.07, 28.08, 28.10
MODIFICATIONS	01.12, 01.19, 02.12, 02.13, 06.01, 06.02, 24.07, 32.02
NOTICE OF AWARD	01.20, 03.01, 03.04, 04.01
NOTICE OF DEFAULT	12.01, 33.08
NOTICE TO BIDDER	2.21
NOTICE TO CONTRACTOR	01.12, 01.21, 21.11, 30.01
NOTICE TO OWNER	13.07, 24.06, 27.07
NOTICE TO PROCEED	01.22, 09.02, 11.01, 11.03
OBSTRUCTIONS	16.09, 16.11, 16.15, 23.00, 23.01, 23.02
OCCUPANCY	25.00
ORAL INTERPRETATIONS	02.13
OWNER - (Defined)	01.23
PAYMENT	01.30, 03.10, 03.12, 03.13, 04.12, 09.03, 11.04, 11.09, 14.04, 14.12, 16.02, 16.16, 19.02, 21.07, 21.08, 21.09, 21.10, 21.11, 21.16, 24.02, 24.03, 24.12, 27.01, 27.07, 28.00, 28.01, 28.02, 28.03, 28.04, 28.05, 28.06, 28.08, 28.09, 28.10, 29.00, 29.03, 29.05, 29.07
PERMITS	13.00, 13.12, 16.13, 28.08
PRICE	02.05, 14.02, 14.03, 14.04, 14.05, 22.01
PROGRESS PAYMENT	01.06, 28.06
PROGRESS SCHEDULE	09.03, 09.05, 21.11
PROGRESS OF WORK	09.00, 11.09, 13.07, 16.01, 16.12, 21.11, 21.12, 22.02, 27.02
PROJECT	01.24, 01.29, 01.30, 02.04, 03.07, 06.01, 07.03, 10.02, 11.04, 11.06, 13.08, 13.13, 14.08, 14.11, 16.15, 24.07, 24.11, 28.07, 29.03, 29.07

PROJECT REPRESENTATIVE	01.23, 21.16
PROPERTY	16.00, 16.01, 16.02, 16.03, 16.12, 16.13, 16.17, 18.01, 19.00, 19.01, 19.02, 19.03, 23.03, 24.01, 24.07, 26.03, 28.10, 29.08, 33.05
PROPOSAL	01.26, 02.00, 02.01, 02.03, 02.05, 02.06, 02.07, 02.08, 02.09, 02.10, 02.11, 02.12, 02.14, 02.18, 02.21, 02.22, 11.03, 12.01, 14.01, 14.02, 14.03, 19.02, 23.02, 28.08
PROTESTS	33.10
PUNCH LIST	29.03, 29.04
QUANTITIES OF ESTIMATES	14.00, 14.01, 14.02, 14.04
RAILROADS	16.13, 19.01
RECORD DRAWINGS	08.00, 18.01, 18.02, 18.03
RECORDATION OF DOCUMENTS	03.13, 28.03, 29.05, 29.06
REJECTION OF BIDS	02.03, 02.07, 02.08, 02.10, 02.14, 03.01
RENTAL OF EQUIPMENT	14.07, 14.09
RIGHTS OF WAY	18.00
SAFETY	16.01, 16.07, 16.14, 16.17
SANITARY PROVISIONS	13.01, 17.00
SCHEDULE OF WORK	09.03, 09.04, 9.05, 11.06, 13.09
SEVERABILITY	32.01, 32.02
SHOP DRAWINGS	01.27, 06.03, 07.00, 07.01, 07.02, 07.03, 07.04, 07.05
SITE	02.17, 7.04, 13.05, 13.07, 13.11, 14.06, 16.09, 21.08, 21.09, 21.12, 22.02, 23.01, 24.07
SOLICITATION OF EMPLOYMENT	13.14
SPECIFICATIONS	01.01, 01.02, 01.05, 01.07, 01.12, 01.28, 02.13, 02.17, 02.23, 03.06, 03.09, 03.10, 03.13, 06.01, 06.02, 06.03, 07.04, 07.05, 11.03, 13.05, 13.15, 20.01, 21.12, 22.02, 28.01, 28.04, 32.01
SUBCONTRACTOR	01.27, 01.29, 04.01, 04.02, 04.03, 04.04, 04.05, 16.02, 16.04, 16.05, 20.01, 20.02, 21.07, 24.01, 24.07, 27.01, 28.07
SUBCONTRACTS	04.00, 13.09
SUBSURFACE CONDITIONS	02.17, 22.00, 22.01, 22.02
SUBSTANTIAL COMPLETION	01.30, 11.04, 21.09, 28.04, 29.01, 29.02, 29.03, 29.04, 29.06
SUPERINTENDENT	01.21, 01.31, 13.07, 14.05

SUPERVISION	13.01, 13.06
SURETY	01.05, 01.10, 02.09, 03.05, 03.06, 03.07, 03.08, 03.09, 03.11, 03.12, 04.05, 05.01, 14.03, 27.03, 27.05
SURVEY	13.02, 26.00, 26.01
TAXES	02.05, 13.00, 13.12, 13.13, 14.05, 28.07, 28.08, 28.10
TERMINATION OF CONTRACT	13.10, 24.09, 27.00, 27.01, 27.02, 27.03, 27.04, 27.05, 27.06, 27.07
TESTS, GENERALLY	21.00, 21.02, 21.03, 21.04, 21.05, 21.06
TIME	01.32
TRAFFIC	16.06, 16.07, 16.10, 16.15, 16.16
TRAFFIC HAZARDS	16.16
TREES AND SHRUBS	19.02
VERBAL INSTRUCTIONS	21.16
WAIVERS	24.06, 29.03, 33.08
WARNING DEVICES	16.13, 16.14, 16.15
WARRANTY	21.01, 21.08, 21.09, 33.04, 33.06
WORK	01.31, 20.01
WORK BY OTHERS	10.03, 10.04, 10.05
WORK BY OWNER	10.02, 10.04, 10.05
WORK FOR OTHER, RESTRICTIONS	16.12
WORK ORDER	28.01

01.00 DEFINITIONS OF TERMS

Whenever used in these General Conditions or in other Contract Documents, the following terms shall have the meanings indicated, and these shall be applicable to both the singular and plural thereof.

- 01.01 A.A.S.H.T.O American Association of State Highway and Transportation Officials. When A.A.S.H.T.O. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this association and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.02 A.C.I American Concrete Institute. When A.C.I. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this institute and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.03 Addenda Written or graphic instruments issued prior to the opening of bids which clarify, correct, modify or change the bidding or Contract Documents.
- 01.04 Advertisement The written instrument issued by the Owner at the request of the Owner used to notify the prospective bidder of the nature of the Work. It becomes part of the Contract Documents.
- 01.05 Agreement The written agreement or contract between the Owner and the Contractor covering the Work to be performed and the price that the Owner will pay. Other documents, including the Proposal, Addenda, Specifications, plans, surety, insurance, etc., are made a part thereof.
- 01.06 Application for Payment The form furnished by the Owner which is to be used by the Contractor in requesting incremental (progress) payments and which is to include information required by Section 28.01 and an affidavit of the Contractor. The affidavit shall stipulate that progress payments theretofore received from the Owner on account of the Work have been applied by Contractor to discharge in full of all Contractor's obligations reflected in prior applications for payment.
- 01.07 A.S.T.M. American Society of Testing Materials. When A.S.T.M. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this society and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.08 Bid The offer or Proposal of the Bidder submitted on the prescribed form setting forth all the prices for the Work to be performed.
- 01.09 Bidder Any person, partnership, firm or corporation submitting a Bid for the Work.
- 01.10 Bonds Bid, performance and payment bonds and other instruments of security, furnished by the Contractor and its surety in accordance with the Contract Documents and Louisiana law.
- 01.11 Change Order A written order to the Contractor signed by the Owner authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time after execution of the Agreement.
- 01.12 Contract Documents The Agreement, Addenda, Contractor's Bid and any documentation accompanying or post-bid documentation when attached as an exhibit, the Bonds, these General Conditions, the Advertisement for Bid, Notice to Contractor, all supplementary conditions, the Specifications, the Drawings, together with all Modifications issued after the execution of the Agreement.
- 01.13 Contract Price The total monies payable to the Contractor under the Contract Documents.

- 01.14 Contract Time The number of consecutive calendar days stated in the Agreement for the completion of the Work.
- 01.15 Contractor The person, firm, corporation or Contractor with whom the Owner has executed the Agreement.
- 01.16 Defective Work When work which is unsatisfactory, faulty or deficient for any reason whatsoever, or does not conform to the Contract Documents, or does not meet the requirements of any inspection, test or approval referred to in the Contract Documents, or has been damaged prior to the Owner's recommendation or acceptance.
- 01.17 Drawings The Drawings and plans which show the character and scope of the Work to be performed and which have been prepared or approved by the Owner and are referred to in the Contract Documents.
- 01.18 Field Order A written order issued by the Owner or his agent which clarifies or interprets the Contract Documents.
- 01.19 Modification (a) A written amendment of the Contract Documents signed by both parties, (b) A Change Order, (c) A written clarification or interpretation issued by the Owner or his agent. Modification may only be issued after execution of the Agreement.
- 01.20 Notice of Award The written notice by Owner to the lowest responsible Bidder stating that upon compliance of the conditions enumerated in the Notice of Award, or enumerated in the Bid documents, the Owner will deliver the Contract Documents for signature. The time for the delivery of the Contract Documents can be extended in conformance with Louisiana Law.
- 01.21 Notice to Contractor Instructions, written or oral given by Owner to Contractor and deemed served if given to the Contractor's superintendent, foreman or mailed to Contractor at his last known place of business.
- 01.22 Notice to Proceed A written notice given by the Owner fixing the date on which the Contract Time will commence, and on which date the Contractor shall start to perform his obligation under the Contract Documents. Upon mutual consent by both parties, the Notice to Proceed may be extended.
- 01.23 Owner St. Tammany Parish Government, acting herein through its duly constituted and authorized representative, including but not limited to the Office of the Parish President or its designee, its Chief Administrative Officer, and/or Legal Counsel. St. Tammany Parish Government (hereinafter, the "Parish") and Owner may be used interchangeably.
- 01.24 Project The entire construction to be performed as provided in the Contract Documents.
- 01.25 Project Representative The authorized representative of the Owner who is assigned to the Project or any parts thereof.
- 01.26 Proposal The Bid submitted by the Bidder to the Owner on the Proposal form setting forth the Work to be done and the price for which the Bidder agrees to perform the Work.
- 01.27 Shop Drawings All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the Contractor, Subcontractor, Manufacturer, Supplier or Distributor and which illustrate the equipment, material or some portion of the Work.
- 01.28 Specifications The Instructions to Bidders, these General Conditions, the Special Conditions and the Technical Provisions. All of the documents listed in the "Table of Contents."
- 01.29 Subcontractor An individual, firm or corporation having a direct Contract with the Contractor or with any other Subcontractor for the performance of a part of the Project Work.
- 01.30 Substantial Completion The date as certified by the Owner or its agent when the construction of the Project or a specified part thereof is sufficiently complete in accordance with the Contract Documents so that the Project or specified part can be utilized for the

purposes for which it was intended; or if there is no such certification, the date when final payment is due in accordance with Section 28.

- 01.31 Superintendent Contractor's site representative. The person on the site who is in full and complete charge of the Work.
- 01.32 Time Unless specifically stated otherwise, all time delays shall be calculated in calendar days.
- 01.33 Work Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the Contractor under the Contract Documents, usually including the furnishing of all labor, materials, equipment and other incidentals.
- 01.34 The terms "he/himself" may be used interchangeably with "it/itself."

02.00 PROPOSAL

- 02.01 All papers bound with or attached to the Proposal Form are a necessary part thereof and must not be detached.
- 02.02 For submitting Bids, the only forms allowed shall be the "Louisiana Uniform Public Work Bid Form", "Louisiana Uniform Public Works Bid Form Unit Price Form" (if necessary), the Bid Bond, and written evidence of authority of person signing the bid. Necessary copies of the Louisiana Uniform Public Work Forms will be furnished for Bidding. Bound sets of the Contract Documents are for Bidder's information and should not be used in submitting Bids.
- 02.03 Proposal forms must be printed in ink or typed, unless submitted electronically. Illegibility or ambiguity therein may constitute justification for rejection of the Bid.
- 02.04 Each Bid must be submitted in a sealed envelope, unless submitted electronically. The outside of the envelope shall show the name and address of the Bidder, the State Contractor's License Number of the Bidder (if work requires contractor's license), and the Project name and number for which the Bid is submitted, along with the Bid number.
- 02.05 The price quoted for the Work shall be stated in words and figures on the Bid Form, and in numbers only on the Unit Price Form. The price in the Proposal shall include all costs necessary for the complete performance of the Work in full conformity with the conditions of the Contract Documents, and shall include all applicable Federal, State, Parish, Municipal or other taxes. The price bid for the items listed on the Unit Price Form will include the cost of all related items not listed, but which are normally required to do the type of Work bid.
- 02.06 The Bid shall be signed by the Bidder. The information required on the Louisiana Uniform Public Work Bid Form must be provided. Evidence of agency, corporate, or partnership authority is required and shall be provided in conformance with LSA-R.S. 38:2212(B).
- 02.07 Only the Contractors licensed by the State to do the type of Work involved can submit a Proposal for the Work. The envelope containing the Proposal shall have the Contractor's license number on it. Failure to be properly licensed constitutes authority by the Owner for rejection of Bid.
- 02.08 Bidders shall not attach any conditions or provisions to the Proposal. Any conditions or provisions so attached may, at the sole option of the Owner, cause rejection of the Bid or Proposal.
- 02.09 A Bid Guarantee of five percent (5%) of the amount of the total Bid, including Alternates, must accompany the Proposal and, at the option of the Bidder, may be a cashier's check, certified check or a satisfactory Bid Bond. The Bid Guarantee must be attached to the Louisiana Uniform Public Work Bid Form. No Bid will be considered unless it is so guaranteed. Cashier's check or certified check must be made payable to the order of the Owner. Cash deposits will not be accepted. The Owner reserves the right to cash or deposit the cashier's check or certified check. Such guarantees shall be made payable to the Parish of St. Tammany. In accordance with LSA-R.S. 38:2218(C), if a bid bond is used, it shall

be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide, or by an insurance company in good standing licensed to write bid bonds which is either domiciled in Louisiana or owned by Louisiana residents. It is **not** required to be on any AIA form.

- 02.10 Bid securities of the three (3) lowest Bidders will be retained by the Owner until the Contract is executed or until final disposition is made of the Bids submitted. Bid securities of all other Bidders will be returned promptly after the canvas of Bids. Bids shall remain binding for forty-five (45) days after the date set for Bid Opening. The Parish shall act within the forty-five (45) days to award the contract to the lowest responsible bidder or reject all bids as permitted by Public Bid Law. However, the Parish and the lowest responsible bidder, by mutual written consent, may agree to extend the deadline for award by one or more extensions of thirty (30) calendar days. In the event the Owner issued the Letter of Award during this period, or any extension thereof, the Bid accepted shall continue to remain binding until the Execution of the Contract.
- 02.11 A Proposal may be withdrawn at any time prior to the scheduled closing time for receipt of Bids, provided the request is in writing, executed by the Bidder or its duly authorized representative and is filed with the Owner prior to that time. When such a request is received, the Proposal will be returned to the Bidder unopened.
- 02.12 Written communications, over the signature of the Bidder, to modify Proposals will be accepted and the Proposal corrected in accordance therewith if received by the Owner prior to the scheduled closing time for receipt of Bids. Oral, telephonic or telegraphic Modifications will not be considered.
- 02.13 No oral interpretation obligating the Owner will be made to any Bidder as to the meaning of the Drawings, Specifications and Contract Documents. Every request for such an interpretation shall be made in writing and addressed and forwarded to the Owner. No inquiry received within seven (7) days prior to the day fixed for opening of the Bids shall be given consideration. Every interpretation made to the Bidder shall be in the form of an addendum to the Specifications. All such Addenda shall become part of the Contract Documents. Failure of Bidder to receive any such interpretation shall not relieve any Bidder from any obligation under this Bid. All Addenda shall be issued in accordance with the Public Bid Law, LSA-R.S. 38:2212(O)(2)(a) and (b).
- 02.14 The Owner reserves the right to reject any or all Bids for just cause in accordance with the Public Bid Law, LSA-R.S. 38:2214(B). Incomplete, informal or unbalanced Bids may be rejected. Reasonable grounds for belief that any one Bidder is concerned directly or indirectly with more than one Bid will cause rejection of all Bids wherein such Bidder is concerned. If required, a Bidder shall furnish satisfactory evidence of its competence and ability to perform the Work stipulated in its Proposal. Incompetence will constitute cause for rejection. If the Parish determines that the bidder is not responsive or responsible for any reason whatsoever, the bid may be rejected in accordance with State law.
- 02.15 The Contractor shall indemnify and hold harmless the Owner from any and all suits, costs, penalties or claims for infringement by reason of use or installation of any patented design, device, material or process, or any trademark and copyright in connection with the Work agreed to be performed under this Contract, and shall indemnify and hold harmless the Owner for any costs, expenses and damages which it may be obliged to pay by reason of any such infringement at any time during the prosecution or after completion of the Work.
- 02.16 Bidders shall familiarize themselves with and shall comply with all applicable Federal and State Laws, municipal ordinances and the rules and regulations of all authorities having jurisdiction over construction of the Project, which may directly or indirectly affect the Work or its prosecution. These laws and/or ordinances will be deemed to be included in the Contract, as though herein written in full.
- 02.17 Each Bidder shall visit the site of the proposed Work and fully acquaint itself with all surface and subsurface conditions as they may exist so that it may fully understand this Contract. Bidder shall also thoroughly examine and be familiar with drawings,

Specifications and Contract Documents. The failure or omission of any Bidder to receive or examine any form instrument, Drawing or document or to visit the site and acquaint itself with existing conditions, shall in no way relieve any Bidder from any obligation with respect to its Bid and the responsibility in the premises.

- 02.18 The standard contract form enclosed with the Proposal documents is a prototype. It is enclosed with the Contract Documents for the guidance of the Owner and the Contractor. It has important legal consequences in all respects and consultation with an attorney is encouraged. Contractor shall be presumed to have consulted with its own independent legal counsel.
- 02.19 When one set of Contract plans show the Work to be performed by two or more prime Contractors, it is the responsibility of each Bidder to become knowledgeable of the Work to be performed by the other where the Work upon which this bid is submitted is shown to come into close proximity or into conflict with the Work of the other. In avoiding conflicts, pressure pipe lines must be installed to avoid conflict with gravity pipe lines and the Bidder of the smaller gravity pipe line in conflict with the larger gravity pipe line must include in his Bid the cost of a conflict box at these locations. The location of and a solution to the conflicts do not have to be specifically noted as such on the plans.
- 02.20 Bidder shall execute affidavit(s) attesting compliance with LSA-R.S. 38:2212.10, 38:2224, 38:2227, each as amended, and other affidavits as required by law, prior to execution of the contract.
- 02.21 Sealed Proposals (Bid) shall be received by St. Tammany Parish Government at the office of St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471, until the time and date denoted in Notice to Bidders, at which time and place the Proposals (Bids), shall be publicly opened and read aloud to those present. In accordance with LSA-R.S. 38-2212(A)(3)(c)(i), the designer's final estimated cost of construction shall be read aloud upon opening bids. Sealed Proposals (Bids) may also be mailed by certified mail to St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471, and must be received before the bid opening. Bids may also be submitted electronically. Information concerning links for electronic bidding is contained in the Notice to Bidders.
- 02.22 Proposals (Bids) shall be executed on Forms furnished and placed in a sealed envelope, marked plainly and prominently as indicated in the Notice to Bidders, and these General Conditions, and addressed:
- St. Tammany Parish Government
Department of Procurement
21454 Koop Drive, Suite 2-F
Mandeville, LA 70471
- 02.23 Complete sets of Drawings, Specifications, and Contract Documents may be secured at the Office of the Owner. See Notice to Bidders for deposit schedule.
- 02.24 The successful bidder shall be required to post in each direction a public information sign, 4' x 8' in size, at the location of the project containing information required by the Owner. The Owner shall supply this information.
- 03.00 AWARD, EXECUTION OF DOCUMENTS, BONDS, ETC.
- 03.01 The award of the Contract, if it is awarded, will be to the lowest responsible Bidder, in accordance with State Law. No award will be made until the Owner has concluded such investigations as it deems necessary to establish the responsibility, qualifications and financial ability and stability of the Bidder to do the Work in accordance with the Contract Documents to the satisfaction of the Owner within the time prescribed as established by the Department based upon the amount of work to be performed and the conditions of same. The written contract and bond shall be issued in conformance with LSA-R.S. 38:2216. The Owner reserves the right to reject the Bid of any Bidder in accordance with the Public Bid Law, LSA-R.S. 38:2214. If the Contract is awarded, the Owner shall give the successful Bidder written notice of the award within forty-five (45) calendar days after the opening of the Bids in conformance with LSA-R.S. 38:2215(A), or any extension as authorized thereunder.

- 03.02 At least three counterparts of the Agreement and of such other Contract Documents as practicable shall be signed by the Owner and the Contractor. The Owner shall identify those portions of the Contract Documents not so signed and such identification shall be binding on both parties. The Owner and the Contractor shall each receive an executed counterpart of the Contract Documents.
- 03.03 Prior to the execution of the Agreement, the Contractor shall deliver to the Owner the required Bonds.
- 03.04 Failure of the successful Bidder to execute the Agreement and deliver the required Bonds within twenty (20) days of the Notice of the Award shall be just cause for the Owner to annul the award and declare the Bid and any guarantee thereof forfeited.
- 03.05 In order to ensure the faithful performance of each and every condition, stipulation and requirement of the Contract and to indemnify and save harmless the Owner from any and all damages, either directly or indirectly arising out of any failure to perform same, the successful Bidder to whom the Contract is awarded shall furnish a surety Bond in an amount of at least equal to one hundred percent (100%) of the Contract Price. The Contract shall not be in force or binding upon the Owner until such satisfactory Bond has been provided to and approved by the Parish. The cost of the Bond shall be paid for by the Contractor unless otherwise stipulated in the Special Provisions.
- 03.06 No surety Company will be accepted as a bondsman who has no permanent agent or representative in the State upon whom notices referred to in the General Conditions of these Specifications may be served. Services of said notice on said agent or representative in the State shall be equal to service of notice on the President of the Surety Company, or such other officer as may be concerned.
- 03.07 In conformance with LSA-R.S. 38:2219(A)(1)(a), (b), and (c):

Any surety bond written for a public works project shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide, to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds.

For any public works project, no surety or insurance company shall write a bond which is in excess of the amount indicated as approved by the U.S. Department of the Treasury Financial Management Service list or by a Louisiana domiciled insurance company with an A- rating by A.M. Best up to a limit of ten percent of policyholders' surplus as shown by A.M. Best; companies authorized by this Paragraph who are not on the treasury list shall not write a bond when the penalty exceeds fifteen percent of its capital and surplus, such capital and surplus being the amount by which the company's assets exceed its liabilities as reflected by the most recent financial statements filed by the company with the Department of Insurance.

In addition, any surety bond written for a public works project shall be written by a surety or insurance company that is currently licensed to do business in the state of Louisiana. All contractors must comply with any other applicable provisions of LSA-R.S. 38:2219.

- 03.08 Should the Contractor's Surety, even though approved and accepted by the Owner, subsequently remove its agency or representative from the State or become insolvent, bankrupt, or otherwise fail, the Contractor shall immediately furnish a new Bond in another company approved by the Owner, at no cost to the Owner. The new Bond shall be executed under the same terms and conditions as the original Bond. The new bond shall be submitted within thirty (30) days of such time as the Owner notifies Contractor or from the time Contractor learns or has reason to know that the original surety is no longer financially viable or acceptable to the Parish, whichever occurs first. In the event that Contractor fails or refuses to timely secure additional surety, then the Owner may secure such surety and thereafter deduct such cost or expense from any sum due or to become due Contractor.

- 03.09 The Contractor's bondsman shall obligate itself to all the terms and covenants of these Specifications and of contracts covering the Work executed hereunder. The Owner reserves the right to do Extra Work or make changes by altering, adding to deducting from the Work under the conditions and in the manner herein before described without notice to the Contractor's surety and without in any manner affecting the liability of bondsman or releasing it from any of its obligations hereunder.
- 03.10 The Bond shall also secure for the Owner the faithful performance of the Contract in strict accordance with plans and Specifications. It shall protect the Owner against all lien laws of the State and shall provide for payment of reasonable attorney fees for enforcement of Contract and institution or concursus proceedings, if such proceedings become necessary. Likewise, it shall provide for all additional expenses of the Owner occurring through failure of the Contractor to perform.
- 03.11 The surety of the Contractor shall be and does hereby declare and acknowledge itself by acceptance to be bound to the Owner as a guarantor, jointly and in solido, with the Contractor, for fulfillment of terms of Section 03.00.
- 03.12 The performance Bond and Labor and Material Bond forming part of this Contract shall be continued by Contractor and its Surety for a period of one (1) year from date of acceptance of this Contract by Owner to assure prompt removal and replacement of all defective material, equipment, components thereof, workmanship, etc., and to assure payment of any damage to property of Owner or others as a result of such defective materials, equipment, workmanship, etc.
- 03.13 Contractor shall pay for the cost of recording the Contract and Bond and the cost of canceling same. Contractor shall also secure and pay for all Clear Lien and Privilege Certificates (together with any updates) which will be required before any final payment is made, and that may be required before any payment, at the request of the Owner, its representative, agent, architect, engineer and the like. All recordation and Clear Lien and Privilege Certificate requirements shall be in accordance with those requirements noted herein before in contract Specifications.

04.00 SUBCONTRACTS

- 04.01 Contractor shall be fully responsible for all acts and omissions of its Subcontractors and of persons and organizations for whose acts any of them may be liable to the same extent that it is responsible for the acts and omissions of persons directly employed by it. Nothing in the Contract Documents shall create any contractual relationship between Owner and any Subcontractor or other person or organization having a direct Contract with Contractor, nor shall it create any obligation on the part of the Owner to pay or to see to the payment of any monies due any Subcontractor.
- 04.02 Nothing in the Contract Documents shall be construed to control the Contractor in dividing the Work among approved Subcontractors or delineating the Work to be performed by any trade.
- 04.03 The Contractor agrees to specifically bind every Subcontractor to all of the applicable terms and conditions of the Contract Documents prior to commencing Work. Every Subcontractor, by undertaking to perform any of the Work, shall thereby automatically be deemed bound by such terms and conditions.
- 04.04 The Contractor shall indemnify and hold harmless the Owner and their agents and employees from and against all claims, damages, losses and expenses including Attorney's fees arising out of or resulting from the Contractor's failure to bind every Subcontractor and Contractor's surety to all of the applicable terms and conditions of the Contract Documents.

05.00 ASSIGNMENT

- 05.01 Neither party to this Contract shall assign or sublet its interest in this Contract without prior written consent of the other, nor shall the Contractor assign any monies due or to become due to it under this Contract without previous written consent of the Owner, nor without the consent of the surety unless the surety has waived its right to notice of assignment.

06.00 CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS.

- 06.01 It is the intent of the Specifications and Drawings to describe a complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between Owner and Contractor. Alterations, modifications and amendments shall only be in writing between these parties.
- 06.02 The Contract Documents are intended to be complimentary and to be read *in pari materii*, and what is called for by one is as binding as if called for by all. If Contractor finds a conflict, error or discrepancy in the Contract Documents, it shall call it to the Owner's attention, in writing, at once and before proceeding with the Work affected thereby; however, it shall be liable to Owner for its failure to discover any conflict, error or discrepancy in the Specifications or Drawings. In resolving such conflicts, errors and discrepancies, the documents shall be given precedence in the following order: Agreement, Modifications, Addenda, Special Conditions, General Conditions, Construction Specifications and Drawings. The general notes on the plans shall be considered special provisions. Figure dimensions on Drawings shall govern over scale dimensions and detail Drawings shall govern over general Drawings. Where sewer connections are shown to fall on a lot line between two lots, the Contractor shall determine this location by measurement not by scale. Any Work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described herein which so applied to this Project are covered by a well-known technical meaning or specification shall be deemed to be governed by such recognized standards unless specifically excluded.
- 06.03 Unless otherwise provided in the Contract Documents, the Owner will furnish to the Contractor (free of charge not to exceed ten (10) copies) Drawings and Specifications for the execution of Work. The Drawings and Specifications are the property of the Owner and are to be returned to it when the purpose for which they are intended have been served. The Contractor shall keep one copy of all Drawings and Specifications, including revisions, Addenda, details, Shop Drawings, etc. on the Work in good order and available to the Owner or the regulatory agency of the governmental body having jurisdiction in the area of the Work.

07.00 SHOP DRAWINGS, BROCHURES AND SAMPLES

- 07.01 After checking and verifying all field measurements, Contractor shall submit to Owner for approval, five copies (or at Owner's option, one reproducible copy) of all Shop Drawings, which shall have been checked by and stamped with the approval of Contractor and identified as Owner may require. The data shown on the Shop Drawings will be complete with respect to dimensions, design criteria, materials of construction and the like to enable Owner to review the information as required.
- 07.02 Contractor shall also submit to Owner, for review with such promptness as to cause no delay in Work, all samples as required by the Contract Documents. All samples will have been checked by and stamped with the approval of Contractor identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended. At the time of each submission, Contractor shall in writing call Owner's attention to any deviations that the Shop Drawings or samples may have from the requirements of the Contract Documents.
- 07.03 Owner will review with reasonable promptness Shop Drawings and samples, but its review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The review of a separate item as such will not indicate approval of the assembly in which the item functions. Contractor shall make any corrections required by Owner and shall return the required number of corrected copies of Shop Drawings and resubmit new samples for review. Contractor shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than the corrections called for by Owner on previous submissions. Contractor's stamp of approval on any Shop Drawing or sample shall constitute a representation to Owner that Contractor has determined and verified all quantities, dimensions, field construction criteria, materials catalog numbers and similar data and thereafter assumes full

responsibility for doing so, and that it has reviewed or coordinated each Shop Drawing or sample with the requirements of the Work and the Contract Documents.

07.04 Where a Shop Drawing or sample submission is required by the Specifications, no related Work shall be commenced until the submission has been reviewed by Owner. A copy of each reviewed shop Drawing and each inspected sample shall be kept in good order by Contractor at the site and shall be available to Owner.

07.05 Owner's review of Shop Drawings or samples shall not relieve Contractor from its responsibility for any deviations from the requirements of the Contract Documents unless Contractor has in writing called Owner's attention to such deviation at the time of submission and Owner has given written approval to the specific deviation, nor shall any review by Owner relieve Contractor from responsibility for errors or omissions in the Shop Drawings. The mere submittal of shop drawings which contain deviations from the requirements of plans, specifications and/or previous submittals in itself does not satisfy this requirement.

08.00 RECORD DRAWINGS

08.01 The Contractor shall keep an accurate record in a manner approved by the Owner of all changes in the Contract Documents during construction. In Work concerning underground utilities, the Contractor shall keep an accurate record in a manner approved by the Owner of all valves, fittings, etc. Before the Work is accepted by the Owner, and said acceptance is recorded, the Contractor shall furnish the Owner a copy of this record.

08.02 Contractor shall keep an accurate drawing measured in the field to the nearest 0.1' of the location of all sewer house connections. The location shown shall be the end of the connection at the property line measured along the main line of pipe from a manhole.

08.03 Contractor shall keep an accurate drawing of the storm water drainage collection system. Inverts to the nearest 0.01' and top of castings shall be shown as well as location of all structures to the nearest 0.1'. Upon completion of the Work, the plan will be given to the Owner.

09.00 PROGRESS OF WORK

09.01 Contractor shall conduct the Work in such a professional manner and with sufficient materials, equipment and labor as is considered necessary to ensure its completion within the time limit specified.

09.02 The Owner shall issue a Notice to Proceed to the Contractor within twenty (20) calendar days from the date of execution of the Contract. Upon mutual consent by both parties, the Notice to Proceed may be extended. The Contractor is to commence Work under the Contract within ten (10) calendar days from the date the Notice to Proceed is issued by the Owner.

09.03 The Contractor, immediately after being awarded the Contract, shall prepare and submit for the Owner's approval an estimated progress schedule for the work to be performed, as well as a construction signing layout for all roads within the project area. The Contractor shall not start work or request partial payment until the work schedule has been submitted to the Owner for approval.

09.04 Revisions to the original schedule will be made based on extension of days granted for inclement weather or change orders issued under the contract. No other revision shall be made which affects the original completion or updated completion date, whichever is applicable.

09.05 Failure of the Contractor to submit an estimated progress schedule or to complete timely and on schedule the Work shown on the progress schedule negates any and all causes or claims by the Contractor for accelerated completion damages. These accelerated damage claims shall be deemed forfeited.

09.06 Meetings will be held as often as necessary to expedite the progress of the job. Meetings will be held during normal working hours at the jobsite and shall be mandatory for the

Contractor and all Sub-Contractors working on the project. Meetings may be requested by the Owner at any time and at the discretion of the Owner.

10.00 OWNER'S RIGHT TO PROCEED WITH PORTIONS OF THE WORK

- 10.01 Upon failure of the Contractor to comply with any notice given in accordance with the provisions hereof, the Owner shall have the alternative right, instead of assuming charge of the entire Work, to place additional forces, tools, equipment and materials on parts of the Work. The cost incurred by the Owner in carrying on such parts of the Work shall be payable by the Contractor. Such Work shall be deemed to be carried on by the Owner on account of the Contractor. The Owner may retain all amounts of the cost of such Work from any sum due Contractor or those funds that may become due to Contractor under this Agreement.
- 10.02 Owner may perform additional Work related to the Project by itself or it may let any other direct contract which may contain similar General Conditions. Contractor shall afford the other contractors who are parties to such different contracts (or Owner, if it is performing the additional Work itself) reasonable opportunity for the introduction and storage of materials and equipment and the execution of Work, and shall properly connect and coordinate its Work with the subsequent work.
- 10.03 If any part of Contractor's Work depends upon proper execution or results upon the Work of any such other contractor (or Owner), Contractor shall inspect and promptly report to Owner in writing any defects or deficiencies in such Work that render it unsuitable for such proper execution and results. Failure to so report shall constitute an acceptance of the other Work as fit and proper for the relationship of its Work except as to defects and deficiencies which may appear in the other Work after the execution of its Work.
- 10.04 Whatever Work is being done by the Owner, other Contractors or by this Contractor, the parties shall respect the various interests of the other parties at all times. The Owner may, at its sole discretion, establish additional rules and regulations concerning such orderly respect of the rights of various interests.
- 10.05 Contractor shall do all cutting, fitting and patching of its Work that may be required to integrate its several parts properly and fit to receive or be received by such other Work. Contractor shall not endanger any Work of others by cutting, excavating or otherwise altering Work and will only alter Work with the written consent of Owner and of the other contractors whose Work will be affected.
- 10.06 If the performance of additional Work by other contractors or Owner is not noted in the Contract Documents, written notice thereof shall be given to Contractor prior to starting any such additional Work. If Contractor believes that the performance of such additional Work by Owner or others may cause additional expense or entitles an extension of the Contract Time, the Contractor may make a claim therefor. The claim must be in writing to the Owner within thirty (30) calendar days of receipt of notice from the Owner of the planned additional Work by others.

11.00 TIME OF COMPLETION

- 11.01 The Notice to Proceed will stipulate the date on which the Contractor shall begin work. That date shall be the beginning of the Contract Time charges.
- 11.02 Contractor shall notify the Owner through its duly authorized representative, in advance, of where Contractor's work shall commence each day. A daily log shall be maintained by Contractor to establish dates, times, persons contacted, and location of work. Specific notice shall be made to the Owner if the Contractor plans to work on Saturday, Sunday, or a Parish approved holiday. If notice is not received, no consideration will be given for inclement weather and same shall be considered a valid work day.
- 11.03 The Work covered by the Plans, Specifications and Contract Documents must be completed sufficiently for acceptance within the number of calendar days specified in the Proposal and/or the Contract, commencing from the date specified in the Notice to Proceed. It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the time of completion is an essential condition of this Contract, and it is further mutually understood and agreed that if the Contractor shall neglect, fail or refuse to

complete the Work within the time specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as partial consideration for the awarding of this Contract, to pay the Owner based on **Table 3.1** as specified in the Contract, not as a penalty, but as liquidated damages for such breach of contract for each and every calendar day that the Contractor shall be in default after the time stipulated in the Contract for completing the Work. It is specifically understood that the Owner shall also be entitled to receive a reasonable attorney fee and all costs in the event that Contractor fails to adhere to this agreement and this contract is referred to counsel for any reason whatsoever. Reasonable attorney fees shall be the prevailing hourly rate of the private sector, and in no event shall the hourly rate be less than \$175.00 per hour. All attorney fees shall be paid to the operating budget of the Office of the Parish President.

11.04 Prior to final payment, the Contractor may, in writing to the Owner, certify that the entire Project is substantially complete and request that the Owner or its agent issue a certificate of Substantial Completion. See Section 29.00.

11.05 The Owner may grant an extension(s) of time to the Contractor for unusual circumstances which are beyond the control of the Contractor and could not reasonably be foreseen by the Contractor prior to Bidding. Any such request must be made in writing to the Owner within seven (7) calendar days following the event occasioning the delay. The Owner shall have the exclusive and unilateral authority to determine, grant, and/or deny the validity of any such claim.

11.06 Extensions of time for inclement weather shall be processed as follows:

Commencing on the start date of each job, the Parish Inspector assigned to same shall keep a weekly log, indicating on each day whether inclement weather has prohibited the Contractor from working on any project within the specific job, based upon the following:

1. Should the Contractor prepare to begin work on any day in which inclement weather, or the conditions resulting from the weather, prevent work from beginning at the usual starting time, and the crew is dismissed as a result, the Contractor will not be charged for a working day whether or not conditions change during the day and the rest of the day becomes suitable for work.
2. If weather conditions on the previous day prevent Contractor from performing work scheduled, provided that no other work can be performed on any project within the package. The Parish Inspector shall determine if it is financially reasonable to require the Contractor to deviate from the schedule and relocate to another location.
3. If the Contractor is unable to work at least 60% of the normal work day due to inclement weather, provided that a normal working force is engaged on the job.

Any dispute of weather conditions as related to a specific job shall be settled by records of the National Weather Service.

11.07 Extensions of time for change orders

When a change order is issued, the Owner and Contractor will agree on a reasonable time extension, if any, to implement such change. Consideration shall be given for, but not limited to, the following:

1. If material has to be ordered;
2. Remobilization and or relocation of equipment to perform task; and
3. Reasonable time frame to complete additional work.

Time extensions for change orders shall be reflected on the official document signed by the Owner and Contractor.

11.08 At the end of each month, the Owner or its agent will furnish to the Contractor a monthly statement which reflects the number of approved days added to the contract. The

Contractor will be allowed fourteen (14) calendar days in which to file a written protest setting forth in what respect the monthly statement is incorrect; otherwise, the statement shall be considered accepted by the Contractor as correct.

- 11.09 Apart from extension of time for unavoidable delays, no payment or allowance of any kind shall be made to the Contractor as compensation for damages because of hindrance or delay for any cause in the progress of the Work, whether such delay be avoidable or unavoidable.

12.00 LIQUIDATED DAMAGES

- 12.01 In case the Work is not completed in every respect within the time that may be extended, it is understood and agreed that per diem deductions per **Table 3.1** for liquidated damages, as stipulated in the Proposal and/or Contract, shall be made from the total Contract Price for each and every calendar day after and exclusive of the day on which completion was required, and up to the completion of the Work and acceptance thereof by the Owner. It is understood and agreed that time is of the essence to this Contract, and the above sum being specifically herein agreed upon in advance as the measure of damages to the Owner on account of such delay in the completion of the Work. It is further agreed that the expiration of the term herein assigned or as may be extended for performing the Work shall, *ipso facto*, constitute a putting in default, the Contractor hereby waiving any and all notice of default. The Contractor agrees and consents that the Contract Price, reduced by the aggregate of the entire damages so deducted, shall be accepted in full satisfaction of all Work executed under this Contract. It is further understood and agreed that Contractor shall be liable for a reasonable attorney fee and all costs associated with any breach of this agreement, including but not limited to this subsection. In the event that any dispute or breach herein causes referrals to counsel, then Contractor agrees to pay a reasonable attorney fee at the prevailing hourly rate of the private sector. In no event shall the hourly rate be less than \$175.00 per hour.

13.00 LABOR, MATERIALS, EQUIPMENT, SUPERVISION, PERMITS AND TAXES

- 13.01 The Contractor shall provide and pay for all labor, materials, equipment, supervision, subcontracting, transportation, tools, fuel, power, water, sanitary facilities and all incidentals necessary for the completion of the Work in substantial conformance with the Contract Documents.
- 13.02 The Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. It shall at all times maintain good discipline and order at the site.
- 13.03 Unless otherwise specifically provided for in the Specifications, all workmanship, equipment, materials, and articles incorporated in the Work covered by this Contract are to be new and of the best grade of their respective kinds for the purpose intended. Samples of materials furnished under this Contract shall be submitted for approval to the Owner when and as directed.
- 13.04 Whenever a material or article required is specified or shown on the plans by using the name of a proprietary product or of a particular manufacturer or Contractor, any material or article which shall perform adequately the duties imposed by the general design will be considered equal, and satisfactory, providing the material or article so proposed is of equal substance and function and that all technical data concerning the proposed substitution be approved by the Owner prior to the Bidding. The Owner shall have the exclusive and unilateral discretion to determine quality and suitability in accordance with LSA-R.S. 38:2212(T)(2).
- 13.05 Materials shall be properly and securely stored so as to ensure the preservation of quality and fitness for the Work, and in a manner that leaves the material accessible to inspection. Materials or equipment may not be stored on the site in a manner such that it will interfere with the continued operation of streets and driveways or other contractors working on the site.
- 13.06 The Contractor, by entering into the Contract for this Work, sets itself forth as an expert in the field of construction and it shall supervise and direct the Work efficiently and with its best skill and attention. It shall be solely responsible for the means, methods, techniques, sequences and procedures of construction.

- 13.07 Contractor shall keep on the Work, at all times during its progress, a competent resident Superintendent, who shall not be replaced without written Notice to Owner except under extraordinary circumstances. The Superintendent will be Contractor's representative at the site and shall have authority to act on behalf of Contractor. All communications given to the Superintendent shall be as binding as if given to the Contractor. Owner specifically reserves the right to approve and/or disapprove the retention of a new superintendent, all to not be unreasonably withheld.
- 13.08 Any foreman or workman employed on this Project who disregards orders or instructions, does not perform his Work in a proper and skillful manner, or is otherwise objectionable, shall, at the written request of the Owner, be removed from the Work and shall be replaced by a suitable foreman or workman.
- 13.09 The Contractor and/or its assigned representative shall personally ensure that all subcontracts and divisions of the Work are executed in a proper and workmanlike manner, on scheduled time, and with due and proper cooperation.
- 13.10 Failure of the Contractor to keep the necessary qualified personnel on the Work shall be considered cause for termination of the Contract by the Owner.
- 13.11 Only equipment in good working order and suitable for the type of Work involved shall be brought onto the job and used by the Contractor. The Contractor is solely responsible for the proper maintenance and use of its equipment and shall hold the Owner harmless from any damages or suits for damages arising out of the improper selection or use of equipment. No piece of equipment necessary for the completion of the Work shall be removed from the job site without approval of the Owner.
- 13.12 All Federal, State and local taxes due or payable during the time of Contract on materials, equipment, labor or transportation, in connection with this Work, must be included in the amount bid by the Contractor and shall be paid to proper authorities before acceptance. The Contractor shall furnish all necessary permits and certificates and comply with all laws and ordinances applicable to the locality of the Work. The cost of all inspection fees levied by any governmental entity whatsoever shall be paid for by the Contractor.
- 13.13 In accordance with St. Tammany Police Jury Resolution 86-2672, as amended, the Contractor must provide in a form suitable to the Owner an affidavit stating that all applicable sales taxes for materials used on this project have been paid.
- 13.14 During the period that this Contract is in force, neither party to the Contract shall solicit for employment or employ an employee of the other.
- 13.15 All materials or equipment shown on the Drawings or included in these specifications shall be furnished unless written approval of a substitute is obtained from the Designer, or Owner if no separate designer.
- 13.16 If a potential supplier wishes to submit for prior approval a particular product other than a product specified in the contract documents, he shall do so no later than fourteen working days prior to the opening of bids. Within ten days, exclusive of holidays and weekends, after such submission, the prime design professional shall furnish to both the public entity and the potential supplier written approval or denial of the product submitted. The burden of proof of the equality of the proposed substitute is upon the proposer and only that information formally submitted shall be used by the Designer in making its decision.
- 13.17 The decision of the Designer/Owner shall be given in good faith and shall be final.
- 14.00 QUANTITIES OF ESTIMATE, CHANGES IN QUANTITIES, EXTRA WORK
- 14.01 Whenever the estimated quantities of Work to be done and materials to be furnished under this Contract are shown in any of the documents, including the Proposal, such are given for use in comparing Bids and the right is especially reserved, except as herein otherwise specifically limited, to increase or diminish same not to exceed twenty-five percent (25%) by the Owner to complete the Work contemplated by this Contract. Such increase or diminution shall in no way vitiate this Contract, nor shall such increase or diminution give cause for claims or liability for damages.

- 14.02 The Owner shall have the right to make alterations in the line, grade, plans, form or dimensions of the Work herein contemplated, provided such alterations do not change the total cost of the Project, based on the originally estimated quantities, and the unit prices bid by more than twenty-five percent (25%) and provided further that such alterations do not change the total cost of any major item, based on the originally estimated quantities and the unit price bid by more than twenty-five (25%). (A major item shall be construed to be any item, the total cost of which is equal to or greater than ten percent (10%) of the total Contract Price, computed on the basis of the Proposal quantity and the Contract unit price). Should it become necessary, for the best interest of the Owner, to make changes in excess of that herein specified, the same shall be covered by supplemental agreement either before or after the commencement of the Work and without notice to the sureties. If such alterations diminish the quantity of Work to be done, such shall not constitute a claim for damages for anticipated profits for the Work dispensed with, but when the reduction in amount is a material part of the Work contemplated, the Contractor shall be entitled to only reasonable compensation as determined by the Owner for overhead and equipment charges which it may have incurred in expectation of the quantity of Work originally estimated, unless specifically otherwise provided herein; if the alterations increase the amount of Work, the increase shall be paid according to the quantity of Work actually done and at the price established for such Work under this Contract except where, in the opinion of the Owner, the Contractor is clearly entitled to extra compensation.
- 14.03 Without invalidating the Contract, the Owner may order Extra Work or make changes by altering, adding to, or deducting from the Work, the Contract sum being adjusted accordingly. The consent of the surety must first be obtained when necessary or desirable, all at the exclusive discretion of the Owner. All the Work of the kind bid upon shall be paid for at the price stipulated in the Proposal, and no claims for any Extra Work or material shall be allowed unless the Work is ordered in writing by the Owner.
- 14.04 Extra Work for which there is no price or quantity included in the Contract shall be paid for at a unit price or lump sum to be agreed upon in advance in writing by the Owner and Contractor. Where such price and sum cannot be agreed upon by both parties, or where this method of payment is impracticable, the Owner may, at its exclusive and unilateral discretion, order the Contractor to do such Work on a Force Account Basis.
- 14.05 In computing the price of Extra Work on a Force Account Basis, the Contractor shall be paid for all foremen and labor actually engaged on the specific Work at the current local rate of wage for each and every hour that said foremen and labor are engaged in such Work, plus ten percent (10%) of the total for superintendence, use of tools, overhead, direct & indirect costs/expenses, pro-rata applicable payroll taxes, pro-rata applicable workman compensation benefits, pro-rata insurance premiums and pro-rata reasonable profit. The Contractor shall furnish satisfactory evidence of the rate or rates of such insurance and tax. The Contractor will not be able to collect any contribution to any retirement plans or programs.
- 14.06 For all material used, the Contractor shall receive the actual cost of such material delivered at the site of the Work, as shown by original receipted bill, to which shall be added five percent (5%). There will be absolutely no additional surcharges or additional fees attached hereto with respect to this subsection.
- 14.07 For any equipment used that is owned by the Contractor, the Contractor shall be allowed a rental based upon the latest prevailing rental price, but not to exceed a rental price as determined by the Associated Equipment Distributors (A.E.D. Green Book).
- 14.08 The Contractor shall also be paid the actual costs of transportation for any equipment which it owns and which it has to transport to the Project for the Extra Work. There will be absolutely no additional surcharges or additional fees attached hereto with respect to this subsection.
- 14.09 If the Contractor is required to rent equipment for Extra Work, but not required for Contract items, it will be paid the actual cost of rental and transportation of such equipment to which no percent shall be added. The basis upon which rental cost are to be charged shall be agreed upon in writing before the Work is started. Actual rental and transportation costs shall be obtained from receipted invoices and freight bills.

- 14.10 No compensation for expenses, fees or costs incurred in executing Extra Work, other than herein specifically mentioned herein above, will be allowed.
- 14.11 A record of Extra Work on Force Account basis shall be submitted to the Owner on the day following the execution of the Work, and no less than three copies of such record shall be made on suitable forms and signed by both the Owner or his representative on the Project and the Contractor. All bids for materials used on extra Work shall be submitted to the Owner by the Contractor upon certified statements to which will be attached original bills covering the costs of such materials.
- 14.12 Payment for Extra Work of any kind will not be allowed unless the same has been ordered in writing by the Owner.
- 15.00 STATUS OF THE ENGINEER (NOT APPLICABLE)
- 16.00 INJURIES TO PERSONS AND PROPERTY
- 16.01 The Contractor shall be held solely and exclusively responsible for all injuries to persons and for all damages to the property of the Owner or others caused by or resulting from the negligence of itself, its employees or its agents, during the progress of or in connection with the Work, whether within the limits of the Work or elsewhere under the Contract proper or as Extra Work. This requirement will apply continuously and not be limited to normal working hours or days. The Owner's construction review is for the purpose of checking the Work product produced and does not include review of the methods employed by the Contractor or to the Contractor's compliance with safety measures of any nature whatsoever. The Contractor agrees to pay a reasonable attorney fee and other reasonable attendant costs of the Owner in the event it becomes necessary for the Owner to employ an attorney to enforce this section or to protect itself against suit over the Contractor's responsibilities. Attorney fees shall be at the prevailing hourly rate of the private sector. The attorney fee hourly rate shall not be less than \$175.00 per hour. All attorney fees collected shall be paid to the operating budget of the Office of the Parish President.
- 16.02 The Contractor must protect and support all utility infrastructures or other properties which are liable to be damaged during the execution of its Work. It shall take all reasonable and proper precautions to protect persons, animals and vehicles or the public from the injury, and wherever necessary, shall erect and maintain a fence or railing around any excavation, and place a sufficient number of lights about the Work and keep same burning from twilight until sunrise, and shall employ one or more watchmen as an additional security whenever needed. The Contractor understands and agrees that the Owner may request that security be placed on the premises to ensure and secure same. The Owner shall have exclusive authority to request placement of such security. Contractor agrees to retain and place security as requested, all at the sole expense of Contractor. Additional security shall not be considered a change order or reason for additional payment by the Owner. The Contractor must, as far as practicable and consistent with good construction, permit access to private and public property and leave fire hydrants, catch basins, streets, etc., free from encumbrances. The Contractor must restore at its own expense all injured or damaged property caused by any negligent act of omission or commission on its part or on the part of its employees or subcontractors, including, but not limited to, sidewalks, curbing, sodding, pipes conduits, sewers, buildings, fences, bridges, retaining walls, tanks, power lines, levees or any other building or property whatsoever to a like condition as existed prior to such damage or injury.
- 16.03 In case of failure on the part of the Contractor to restore such property or make good such damage, the Owner may upon forty-eight (48) hours' notice proceed to repair or otherwise restore such property as may be deemed necessary, and the cost thereof will be deducted from any monies due or which may become due under its Contract.
- 16.04 Contractor agrees to protect, defend, indemnify, save, and hold harmless St. Tammany Parish Government, its elected and appointed officials, departments, agencies, boards and commissions, their officers, agents servants, employees, including volunteers, from and against any and all claims, demands, expense and liability arising out of injury or death to any person or the damage, loss or destruction of any property to the extent caused by any negligent act or omission or willful misconduct of Contractor, its agents, servants, employees, and subcontractors, or any and all costs, expense and/or attorney fees incurred by St. Tammany Parish Government as a result of any claim, demands, and/or causes of

action that results from the negligent performance or non-performance by Contractor, its agents, servants, employees, and subcontractors of this contract. Contractor agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto caused by any negligent act or omission or willful misconduct of Contractor, its agents, servants, employees, and subcontractors.

- 16.05 As to any and all claims against Owner, its agents, assigns, representatives or employees by any employee of Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts as may be liable, the indemnification obligation under Paragraph 16.04 shall not be limited in any way or by any limitation on the amount or type of damages, compensation or benefits payable by or for Contractor or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.
- 16.06 No road shall be closed by the Contractor to the public except by written permission of the Owner. If so closed, the Contractor shall maintain traffic over, through and around the Work included in his Contract, with the maximum practical convenience, for the full twenty-four hours of each day of the Contract, whether or not Work has ceased temporarily. The Contractor shall notify the Owner at the earliest possible date after the Contract has been executed and, in any case, before commencement of any construction that might in any way inconvenience or endanger traffic, in order that necessary and suitable arrangements may be determined. Any and all security, maintenance, labor or costs associated with traffic control herein shall be at the sole expense of Contractor. This expense shall be paid directly by the Contractor. This expense shall not be considered as a change order nor shall it allow the Contractor any additional cost reimbursement whatsoever. All traffic deviations herein shall be coordinated with the appropriate law enforcement officials of this Parish.
- 16.07 The convenience of the general public and residents along the Works shall be provided for in a reasonable, adequate and satisfactory manner. Where existing roads are not available as detours, and unless otherwise provided, all traffic shall be permitted to pass through the Work. In all such cases, the public shall have precedence over Contractor's vehicles insofar as the traveling public's vehicles shall not be unduly delayed for the convenience of the Contractor. In order that all unnecessary delay to the traveling public may be avoided, the Contractor shall provide and station competent flagmen whose sole duties shall consist of directing and controlling the movement of public traffic either through or around the Work. Any and all security, maintenance, labor or costs associated with traffic control herein shall be at the sole expense of Contractor. This expense shall be paid directly by the Contractor. This expense shall not be considered as a change order nor shall it allow the Contractor any additional cost reimbursement whatsoever. All traffic deviations herein shall be coordinated with the appropriate law enforcement officials of this Parish.
- 16.08 The Contractor shall arrange its Work so that no undue or prolonged blocking of business establishments will occur.
- 16.09 Material and equipment stored on the right of way or work site shall be so placed and the Work at times shall be so conducted as to ensure minimum danger and obstruction to the traveling public.
- 16.10 During grading operations when traffic is being permitted to pass through construction, the Contractor shall provide a smooth, even surface that will provide a satisfactory passageway for use of traffic. The road bed shall be sprinkled with water if necessary to prevent a dust nuisance, provided the dust nuisance is a result of the Work.
- 16.11 Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by ordinances, rules or regulations or within fifteen (15) feet of a fire hydrant, in the absence of such ordinance, rules or regulations.
- 16.12 The Contractor shall not, without the written permission of the Owner, do Work for a resident or property owner abutting the Work at the time that this Work is in progress.
- 16.13 No Work of any character shall be commenced on railroad right-of-way until the Railroad Company has issued a permit to the Owner and has been duly notified by the Contractor in

writing (with a copy forwarded to the Owner) of the date it proposes to begin Work, and until an authorized representative of the Railroad Company is present, unless the Railroad Company waives such requirements. All Work performed by the Contractor within the right-of-way limits of the railroad shall be subject to the inspection and approval of the chief engineer of the Railroad Company or its authorized representative. Any precautions considered necessary by said chief engineer to safeguard the property, equipment, employees and passengers of the Railroad Company shall be taken by the Contractor without extra compensation. The Contractor shall, without extra compensation, take such precautions and erect and maintain such tell-tale or warning devices as the Railroad Company considers necessary to safeguard the operation of its trains. The temporary vertical and horizontal clearance specified by the chief engineer of the Railroad Company in approving these shall be maintained at all times. No steel, brick, pipe or any loose material shall be left on the ground in the immediate vicinity of the railway track. Before any Work is done within Railroad right of way, the Contractor shall provide and pay all costs of any special insurance requirements of the Railroad.

- 16.14 The Contractor, shall, without extra compensation, provide, erect, paint and maintain all necessary barricades. Also, without extra compensation, the Contractor shall provide suitable and sufficient lights, torches, reflectors or other warning or danger signals and signs, provide a sufficient number of watchmen and flagmen and take all the necessary precautions for the protection of the Work and safety of the Public.
- 16.15 The Contractor shall erect warning signs beyond the limits of the Project, in advance of any place on the Project where operations interfere with the use of the road by traffic, including all intermediate points where the new Work crosses or coincides with the existing road. All barricades and obstructions shall be kept well painted and suitable warning signs shall be placed thereon. All barricades and obstructions shall be illuminated at night and all lights or devices for this purpose shall be kept burning from sunset to sunrise.
- 16.16 Whenever traffic is maintained through or over any part of the Project, the Contractor shall clearly mark all traffic hazards. No direct payment will be made for barricades, signs and illumination therefore or for watchmen or flagmen.
- 16.17 The Contractor will be solely and completely responsible for conditions on the job site, including safety of all persons and property during performance of the Work. This requirement will apply continuously and not be limited to normal working hours. The duty of the Owner to conduct construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures, in, or near the construction site.

17.00 SANITARY PROVISIONS

- 17.01 The Contractor shall provide and maintain in a neat, sanitary condition such accommodations for the use of its employees as may be necessary to comply with the rules and regulations of the State Health Agency or of the other authorities having jurisdiction and shall permit no public nuisance.

18.00 RIGHTS OF WAY

- 18.01 The Owner will furnish the Contractor with all necessary rights-of-way for the prosecution of the Work. The rights of way herein referred to shall be taken to mean only permission to use or pass through the locations or space in any street, highway, public or private property in which the Contractor is to prosecute the Work.
- 18.02 It is possible that all lands and rights of way may not be obtained as herein contemplated before construction begins, in which event the Contractor shall begin its Work upon such land and rights of way as the Owner may have previously acquired. Any delay in furnishing these lands by the Owner can be deemed proper cause for adjustment in the Contract amount and/or in the time of completion.

19.00 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE

- 19.01 The Contractor shall not enter upon private property for any purpose without first obtaining permission from the Owner, as well as the private property owner and/or and private property Lessees. The Contractor shall use every precaution necessary for the preservation

of all public and private property, monuments, highway signs, telephone lines, other utilities, etc., along and adjacent to the Work; the Contractor shall use every precaution necessary to prevent damage to pipes, conduits, and other underground structures; and shall protect carefully from disturbance or damage all land monuments and property marks until an authorized agent has witnessed or otherwise referenced their location and shall not remove them until directed. The street and highway signs and markers that are to be affected by the Work shall be carefully removed when the Work begins and stored in a manner to keep them clean and dry. The Contractor must obtain all necessary information in regard to existing utilities and shall give notice in writing to the owners or the proper authorities in charge of streets, gas, water, pipes, electric, sewers and other underground structures, including conduits, railways, poles and pole lines, manholes, catch basins, fixtures, appurtenances, and all other property that may be affected by the Contractor's operations, at least forty-eight (48) hours before its operations will affect such property. The Contractor shall not hinder or interfere with any person in the protection of such Work or with the operation of utilities at any time. When property, the operation of railways, or other public utilities are endangered, the Contractor shall at its own expense, maintain flagmen or watchmen and any other necessary precautions to avoid interruption of service or damage to life or property, and it shall promptly repair, restore, or make good any injury or damage caused by its negligent operations in an acceptable manner. The Contractor must also obtain all necessary information in regard to the installation of new cables, conduits, and transformers, and make proper provisions and give proper notifications, in order that same can be installed at the proper time without delay to the Contractor or unnecessary inconvenience to the Owner.

- 19.02 The Contractor shall not remove, cut or destroy trees, shrubs, plants, or grass that are to remain in the streets or those which are privately owned, without the proper authority. Unless otherwise provided in the Special Provisions or the Proposal, the Contractor shall replace and replant all plants, shrubs, grass and restore the grounds back to its original good condition to the satisfaction of the Owner and/or the property owner. The Contractor shall assume the responsibility of replanting and guarantees that plants, shrubs, grass will be watered, fertilized and cultivated until they are in a growing condition. No direct payment will be made for removing and replanting of trees, shrubs, plants or grass unless such items are set forth in the Proposal.
- 19.03 When or where direct damage or injury is done to public or private property by or on account of any negligent act, omission, neglect or otherwise of the Contractor, it shall make good such damage or injury in an acceptable manner.

20.00 CONTRACTORS RESPONSIBILITY FOR WORK

- 20.01 Until final acceptance of the Work by the Owner as evidence by approval of the final estimate, the Work shall be in the custody and under the charge and care of the Contractor and it shall take every necessary precaution against injury or damage to any part thereof by the action of the elements or from the non-execution of the Work; unless otherwise provided for elsewhere in the Specifications or Contract. The Contractor shall rebuild, repair, restore and make good, without extra compensation, all injuries or damages to any portion of the Work occasioned by any of the above causes before its completion and acceptance, and shall bear the expenses thereof. In case of suspension of the Work from any cause whatever, the Contractor shall be responsible for all materials and shall properly and securely store same, and if necessary, shall provide suitable shelter from damage and shall erect temporary structures where necessary. If in the exclusive discretion of the Owner, any Work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of its Subcontractors to so protect the Work, such materials shall be removed and replaced at the sole expense of the Contractor. Such amount shall be deducted from any sum due or to be due Contractor.
- 20.02 The Contractor shall give all notice and comply with all Federal, State, and local laws, ordinances, and regulations in any manner affecting the conduct of the Work, and all such orders and decrees as exist, or may be enacted by bodies or tribunals having any jurisdiction or authority over the Work, and shall indemnify and hold harmless the Owner against any claim or liability arising from, or based on, the violation of any such law, ordinance, regulation, order or decree, whether by itself, its employees or Subcontractors.

21.00 TESTS AND INSPECTIONS CORRECTION & REMOVAL OF DEFECTIVE WORK

- 21.01 Contractor warrants and guarantees to Owner that all materials and equipment will be new unless otherwise specified and that all Work will be of good quality and free from faults or defects and in accordance with the requirements of the Contract Documents. All unsatisfactory Work, all faulty or Defective Work and all Work not conforming to the requirements of the Contract Documents at the time of acceptance shall be considered Defective. Prompt and reasonable notice of all defects shall be given to the Contractor.
- 21.02 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested or approved by some public body, Contractor shall assume full responsibility therefor, pay all costs in connection therewith and furnish Owner the required certificates of inspection, testing or approval. All other inspections, tests and approval required by the Contract Documents shall be performed by organizations acceptable to Owner and Contractor and the costs thereof shall be borne by the Contractor unless otherwise specified.
- 21.03 Contractor shall give Owner timely notice of readiness of the Work for all inspections, tests or approvals. If any such Work required to be inspected, tested or approved is covered without written approval of Owner, it must, if requested by Owner, be uncovered for observation, and such uncovering shall be at Contractor's expense unless Contractor has given Owner timely notice of its intention to cover such Work and Owner has not acted with reasonable promptness in response to such notice.
- 21.04 Neither observations by Owner nor inspections, tests or approvals shall relieve Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Document.
- 21.05 Owner and its representatives will at reasonable times have access to the Work. Contractor shall provide proper and safe facilities for such access and observation of the Work and also for any inspection or testing thereof by others.
- 21.06 If any Work is covered contrary to the written request of Owner, it must, be uncovered for Owner's observation and replaced at Contractor's expense. If any Work has been covered which Owner has not specifically requested to observe prior to its being covered, or if Owner considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at Owner's request, shall uncover, expose or otherwise make available for observations, inspections or testing as Owner may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is Defective, Contractor shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate deductive Change Order shall be issued. If, however, such Work is not found to be Defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.
- 21.07 If the Work is Defective, or Contractor fails to supply sufficient skilled workmen or suitable materials or equipment, or if the Contractor fails to make prompt payments to Subcontractors or for labor, materials or equipment, Owner may order Contractor to stop the Work, or any portion thereof, until the cause of such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor or any other party.
- 21.08 Prior to approval of final payment, Contractor shall promptly, without cost to Owner and as specified by Owner, either correct any Defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not correct such Defective Work or remove and replace such rejected Work within a reasonable time, all as specified in a written notice from Owner, Owner may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement including compensation for additional professional services shall be paid by Contractor, and an appropriate deductive Change Order shall be issued. Contractor shall also bear the expense of making good all Work of others destroyed or damaged by its correction, removal or replacement of its Defective Work.

- 21.09 If, after the approval of final payment and prior to the expiration of one year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any Work is found to be Defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such Defective Work or if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions, Owner may have the Defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by Contractor. The Contractor agrees to pay a reasonable attorney fee and other reasonable attendant costs of the Owner in the event it becomes necessary for the Owner to employ an attorney to enforce this section or to protect itself against suit over the Contractor's responsibilities. Attorney fees shall be at the prevailing hourly rate of the private sector. The attorney fee hourly rate shall not be less than \$175.00 per hour. All attorney fees collected shall be paid to the operating budget of the Office of the Parish President.
- 21.10 If, instead of requiring correction or removal and replacement of Defective Work, Owner (and prior to approval of final payment) prefers to accept it, the Owner may do so. In such case, if acceptance occurs prior to approval of final payment, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents, including appropriate reduction in the Contract Price, or, if the acceptance occurs after approval of final payment, an appropriate amount shall be paid by Contractor to Owner.
- 21.11 If Contractor should fail to progress the Work in accordance with the Contract Documents, including any requirements of the Progress Schedule, Owner, after seven (7) days written Notice to Contractor, may, without prejudice to any other remedy Owner may have, make good such deficiencies and the cost thereof including compensation for additional professional services shall be charged against Contractor. In such cases, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents including an appropriate reduction in the Contract Price. If the payments then or thereafter due Contractor are not sufficient to cover such amount, Contractor shall pay the difference to Owner.
- 21.12 The Owner may appoint representatives to make periodic visits to the site and observe the progress and quality of the executed Work. These representatives shall be governed by the same restrictions placed on the Owner by these Specifications. The governing body of the Federal, State or local government exercising authority in the area of the Work may appoint representatives to observe the progress and quality of the Work. Contractor shall cooperate with and assist these representatives in the performance of their duties.
- 21.13 The Contractor shall be responsible for the faithful execution of its Contract and the presence or absence of the Owner's or Government's Representative is in no way or manner to be presumed or assumed to relieve in any degree the responsibility or obligation of the Contractor.
- 21.14 The Contractor shall notify the Owner and the Governmental Agency having jurisdiction as to the exact time at which it is proposed to begin Work so the Owner may provide for inspection of all materials, foundations, excavations, equipment, etc., and all or any part of the Work and to the preparation or manufacture of materials to be used whether within the limits of the Work or at any other place.
- 21.15 The Owner or its representatives shall have free access to all parts of the Work and to all places where any part of the materials to be used are procured, manufactured or prepared. The Contractor shall furnish the Owner all information relating to the Work and the material therefor, which may be deemed necessary or pertinent, and with such samples of materials as may be required. The Contractor, at its own expense, shall supply such labor and assistance as may be necessary in the handling of materials for proper inspection or for inspection of any Work done by it.
- 21.16 No verbal instructions given to the Contractor by the Owner, Project Representative or any of their agents shall change or modify the written Contract. Contractors shall make no claims for additional payments or time based upon verbal instructions.

22.00 SUBSURFACE CONDITIONS

- 22.01 It is understood and agreed that the Contractor is familiar with the subsurface conditions that will be encountered and its price bid for the Work includes all of the costs involved for Work in these conditions and it is furthermore agreed that it has taken into consideration, prior to its Bid and acceptance by Owner, all of the subsurface conditions normal or unusual that might be encountered in the location of the Work.
- 22.02 Should the Contractor encounter during the progress of the Work subsurface conditions at the site materially differing from those shown on the Drawings or indicated in the Specifications, the attention of the Owner shall be directed to such conditions before the conditions are disturbed. If the Owner finds that the conditions materially differ from those shown on the Drawings or indicated in the Specifications, it shall at once make such changes in the Drawings or Specifications as it may find necessary, and any increase or decrease in cost or extension of time resulting from such changes shall be adjusted in the same manner as provided for changes for Extra Work. The Contractor shall submit breakdowns of all costs in a manner as instructed and approved by the Owner.

23.00 REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS

- 23.01 Bidder shall thoroughly examine the site of the Work and shall include in its Bid the cost of removing all structures and obstructions in the way of the Work.
- 23.02 The Contractor shall remove any existing structures or part of structures, fence, building or other encumbrances or obstructions that interfere in any way with the Work. Compensations for the removal of any structure shall be made only if the item(s) to be removed was/were listed as pay item(s) on the Proposal.
- 23.03 If called for in the Special Conditions, all privately and publicly owned materials and structures removed shall be salvaged without damage and shall be piled neatly and in an acceptable manner upon the premises if it belongs to an abutting property owner, otherwise at accessible points along the improvements. Materials in structures which is the property of the Owner or property of any public body, private body or individual which is fit for use elsewhere, shall remain property of the original Owner. It shall be carefully removed without damage, in sections which may be readily transported; same shall be stored on or beyond the right of way. The Contractor will be held responsible for the care and preservation for a period of ten (10) days following the day the last or final portion of the materials stored at a particular location are placed thereon. When privately owned materials are stored beyond the right of way, the Contractor will be held responsible for such care and preservation for a period of ten (10) days responsibility period for care and preservation of the materials begins. The Contractor must furnish the Owner with evidence satisfactory that the proper owner of the materials has been duly notified by the Contractor that the said owner must assume responsibility for its materials on the date following the Contractor's ten (10) day responsibility.

24.00 INSURANCE

- 24.01 Contractor shall secure and maintain at its expense such insurance that will protect it and the Parish from claims for injuries to persons or damages to property which may arise from or in connection with the performance of Services or Work hereunder by the Contractor, his agents, representatives, employees, and/or subcontractors. The cost of such insurance shall be included in Contractor's bid.
- 24.02 The Contractor shall not commence work until it has obtained all insurance as required for the Parish Project. If the Contractor fails to furnish the Parish with the insurance protection required and begins work without first furnishing Parish with a currently dated certificate of insurance, the Parish has the right to obtain the insurance protection required and deduct the cost of insurance from the first payment due the Contractor. Further deductions are permitted from future payments as are needed to protect the interests of the Parish including, but not limited to, renewals of all policies.
- 24.03 Payment of Premiums: The insurance companies issuing the policy or policies shall have no recourse against the Parish of St. Tammany for payment of any premiums or for assessments under any form of policy.

- 24.04 Deductibles: Any and all deductibles in the described insurance policies shall be assumed by and be at the sole risk of the Contractor.
- 24.05 Authorization of Insurance Company(ies) and Rating: All insurance companies must be authorized to do business in the State of Louisiana and shall have an A.M. Best rating of no less than A-, Category VII.
- 24.06 Policy coverages and limits must be evidenced by Certificates of Insurance issued by Contractor's carrier to the Parish and shall reflect:

Date of Issue: Certificate must have current date.

Named Insured: The legal name of Contractor under contract with the Parish and its principal place of business shall be shown as the named insured on all Certificates of Liability Insurance.

Name of Certificate Holder: St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434

Project Description: A brief project description, including Project Name, Project Number and/or Contract Number, and Location.

Endorsements and Certificate Reference: All policies must be endorsed to provide, and certificates of insurance must evidence the following:

Waiver of Subrogation: The Contractor's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance. *Policy endorsements required for all coverages.*

Additional Insured: The Parish of St. Tammany shall be named as additional named insured with respect to general liability, marine liability, pollution/environmental liability, automobile liability and excess liability coverages. *Policy endorsements required.*

Hold Harmless: Contractor's liability insurers shall evidence their cognizance of the Hold Harmless and Indemnification in favor of St. Tammany Parish Government by referencing same on the face of the Certificate(s) of Insurance.

Cancellation Notice: Producer shall provide thirty (30) days prior written notice to the Parish of policy cancellation or substantive policy change.

- 24.07 The types of insurance coverage the Contractor is required to obtain and maintain throughout the duration of the Contract, include, but is not limited to:
1. Commercial General Liability insurance with a Combined Single Limit for bodily injury and property damage of at least \$1,000,000 per Occurrence/\$2,000,000 General Aggregate/Products-Completed Operations Per Project. The insurance shall provide for and the certificate(s) of insurance shall indicate the following coverages:
 - a) Premises - operations;
 - b) Broad form contractual liability;
 - c) Products and completed operations;
 - d) Personal Injury;
 - e) Broad form property damage;
 - f) Explosion and collapse.
 2. Marine Liability/Protection and Indemnity insurance is required for any and all vessel and/or marine operations in the minimum limits of \$1,000,000 per occurrence/\$2,000,000 per project general aggregate. The coverage shall include,

but is not limited to, the basic coverages found in the Commercial General Liability insurance and coverage for third party liability.

3. Contractors' Pollution Liability and Environmental Liability insurance in the minimum amount of \$1,000,000 per occurrence, \$2,000,000 general aggregate and include coverage for full contractual liability and for all such environmental and/or hazardous waste exposures affected by this project.
 4. Business Automobile Liability insurance with a Combined Single Limit of \$1,000,000 per Occurrence for bodily injury and property damage, and shall include coverage for the following:
 - a) Any automobiles;
 - b) Owned automobiles;
 - c) Hired automobiles;
 - d) Non-owned automobiles;
 - e) Uninsured motorist.
 5. Workers' Compensation/Employers Liability insurance: worker's compensation insurance coverage and limits as statutorily required; Employers' Liability Coverage shall be not less than \$1,000,000 each accident, \$1,000,000 each disease, \$1,000,000 disease policy aggregate, except when projects include exposures covered under the United States Longshoremen and Harbor Workers Act, Maritime and/or Jones Act and/or Maritime Employers Liability (MEL) limits shall be not less than \$1,000,000/\$1,000,000/\$1,000,000. *Coverage for owners, officers and/or partners shall be included in the policy and a statement of such shall be made by the insuring producer on the face of the certificate.*
 6. Owners Protective Liability (OPL) (formerly Owners and Contractors Protective Liability (OCP) Insurance) shall be furnished by the Contractor naming St. Tammany Parish Government as the Named Insured and shall provide coverage in the minimum amount of \$1,000,000 combined single limit (CSL) each occurrence, \$2,000,000 aggregate. Any project valued in excess of \$3,000,000 shall be set by the Office of Risk Management. The policy and all endorsements shall be addressed to St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434.
 7. Builder's Risk Insurance shall be required on buildings, sewage treatment plants and drainage pumping stations, and shall be written on an "all-risk" or equivalent policy form in the amount of the full value of the initial Contract sum, plus value of subsequent Contract modifications and cost of materials supplied or installed by others, comprising 100% total value for the entire project including foundations. Deductibles should not exceed \$5,000 and Contractor shall be responsible for any and all policy deductibles. This insurance shall cover portions of the work stored off the site, and also portions of the work in transit. In addition, Installation Floater Insurance, on an "all-risk" form, will be carried on all pumps, motors, machinery and equipment on the site or installed. Both the Builder's Risk Insurance and the Installation Floater Insurance shall include the interests of the Owner, Contractor, Subcontractors, and Sub-subcontractors and shall terminate only when the Project has been accepted. St. Tammany Parish Government, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the Builder's Risk and Installation Floater Insurance.
 8. Professional Liability (errors and omissions) insurance in the sum of at least One Million Dollars (\$1,000,000) per claim with Two Million Dollars (\$2,000,000) annual aggregate.
 9. An umbrella policy or excess policy may be required and/or allowed to meet minimum coverage limits, subject to the review and approval by St. Tammany Parish Government, Office of Risk Management.
- 24.08 All policies of insurance shall meet the requirements of the Parish of St. Tammany prior to the commencing of any work. The Parish of St. Tammany has the right, but not the duty, to approve all insurance policies prior to commencing of any work. If at any time, it becomes known that any of the said policies shall be or becomes unsatisfactory to the

Parish of St. Tammany as to form or substance; or if a company issuing any such policy shall be or become unsatisfactory to the Parish of St. Tammany, the Contractor shall promptly obtain a new policy, timely submit same to the Parish of St. Tammany for approval and submit a certificate thereof as provided above. The Parish agrees to not unreasonably withhold approval of any insurance carrier selected by Contractor. In the event that Parish cannot agree or otherwise authorize said carrier, Contractor shall have the option of selecting and submitting new insurance carrier within 30 days of said notice by the Parish. In the event that the second submission is insufficient or is not approved, then the Parish shall have the unilateral opportunity to thereafter select a responsive and responsible insurance carrier all at the cost of Contractor and thereafter deduct from Contractor's fee the cost of such insurance.

- 24.09 Upon failure of Contractor to furnish, deliver and/or maintain such insurance as above provided, the contract, at the election of the Parish of St. Tammany, may be forthwith declared suspended, discontinued or terminated. Failure of the Contractor to maintain insurance shall not relieve the Contractor from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligation of the Contractor concerning indemnification.
- 24.10 Contractor shall maintain a current copy of all annual insurance policies and provide same to the Parish of St. Tammany as may be reasonably requested.
- 24.11 It shall be the responsibility of Contractor to require that these insurance requirements are met by all contractors and sub-contractors performing work for and on behalf of Contractor. Contractor shall further ensure the Parish is named as additional insured on all insurance policies provided by said contractor and/or sub-contractor throughout the duration of the project, and that renewal certificates for any policies expiring prior to the Parish's final acceptance of the project shall be furnished to St. Tammany Parish Government, Department of Legal, Office of Risk Management, without prompting.

NOTICE:

These are only an indication of the coverages that are generally required. Additional coverages and/or limits may be required for projects identified as having additional risks or exposures. Please note that some requirements listed may not necessarily apply to your specific services. St. Tammany Parish Government reserves the right to remove, replace, make additions to and/or modify any and all of the insurance requirement language upon review of the final scope of services presented to Office of Risk Management prior to execution of a contract for services.

For inquiries regarding insurance requirements, please contact:

**St. Tammany Parish Government
Office of Risk Management
P. O. Box 628
Covington, LA 70434
Telephone: 985-898-5226
Email: riskman@stpgov.org**

- 24.12 Nothing contained in these insurance requirements is to be construed as limiting the extent of the Contractor's Responsibility for payment of damages resulting from its operations under this Contract.
- 25.00 **OWNER'S RIGHT TO OCCUPANCY**
- 25.01 The Owner shall have the right to use, at any time, any and all portions of the Work that have reached such a stage of completion as to permit such occupancy, provided such occupancy does not hamper the Contractor or prevent its efficient completion of the Contract or be construed as constituting an acceptance of any part of the Work.
- 25.02 The Owner shall have the right to start the construction of houses, structures or any other building concurrent with the Contractor's Work.

26.00 SURVEY HORIZONTAL AND VERTICAL CONTROL

- 26.01 The Owner shall provide surveys for construction to establish reference points which in its judgment are necessary to enable Contractor to layout and proceed with its Work. Contractor shall be responsible for surveying and laying out the Work and shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of the Owner. Contractor shall report to Owner whenever any reference point is lost or destroyed and the Owner shall decide if the reference point shall be replaced by its or the Contractor's forces.
- 26.02 The Contractor shall establish lines and grades with its own forces in sufficient number and location for the proper execution of the Work.
- 26.03 If the Contractor, during the construction, damages the established property corners and/or other markers and thereafter requests the Owner to re-stake same in order to complete the project, this expense will be borne solely by the Contractor.

27.00 TERMINATION OF THE CONTRACT, OWNER'S AND CONTRACTORS RIGHT TO STOP WORK.

- 27.01 If the Contractor should be adjudged bankrupt (voluntarily or involuntarily) or if it should make a general assignment for the benefit of its creditors, or if a receiver should be appointed on account of its insolvency, or if it should persistently or repeatedly refuse or should fail (except in cases for which extension of time is provided) to supply enough properly skilled workmen or proper materials, or if it should fail to make prompt payment to Subcontractors or for material or labor, or persistently disregard laws, ordinances or the instructions of the Owner, or otherwise be guilty of a substantial violation of any provision of the Contract, then the Owner, upon the certificate of the Owner that, in its unilateral discretion and judgment, believes sufficient cause exists to justify such action, may, without prejudice to any other right or remedy and after giving the Contractor ten (10) calendar days written notice, terminate the employment of the Contractor and take possession of the premises and of all materials, tools and appliances thereon and finish the Work by whatever method the Owner may deem expedient.
- 27.02 Failure of the Contractor to start the Work within the time limit specified herein or substantial evidence that the progress being made by the Contractor is sufficient to complete the Work within the specified time shall be grounds for termination of the Contract by the Owner.
- 27.03 Before the Contract is terminated, the Contractor and its surety will first be notified in writing by the Owner of the conditions which make termination of the Contract imminent. When after ten (10) calendar days' notice is given and if satisfactory effort has not been made by the Contractor or its surety to correct the conditions, the Owner may declare, in its exclusive discretion, that the Contract is terminated and so notify the Contractor and its surety accordingly.
- 27.04 Upon receipt of notice from the Owner that the Contract has been terminated, the Contractor shall immediately discontinue all operations. The Owner may then proceed with the Work in any lawful manner that it may elect until Work is finally completed.
- 27.05 The exclusive right is reserved to the Owner to take possession of any machinery, implements, tools or materials of any description that shall be found upon the Work, to account for said equipment and materials, and to use same to complete the Project. When the Work is finally completed, the total cost of same will be computed. If the total cost is less than the Contract Price, the difference will not be paid to the Contractor or its surety.
- 27.06 In case of termination, all expenses incident to ascertaining and collecting losses under the Bond, including legal services, shall be assessed against the Bond.
- 27.07 If the Work should be stopped under any order of any court or public authority for period of sixty (60) calendar days, through no act or fault of the Contractor or anyone employed by it, or if the Owner shall fail to pay the Contractor within a reasonable time any sum certified by the Owner, then the Contractor may, upon ten (10) calendar days written notice to the Owner, stop Work or terminate this Contract and recover from the Owner payment for all Work properly and professionally executed in a workmanlike manner. This loss

specifically includes actual cost of materials and equipment, together with all wages inclusive of all federal, state, and local tax obligations. This loss specifically includes reimbursement of all insurances on a pro-rata basis from the date of termination to date of policy period. This loss excludes and specifically does not include recovery by the Contractor for lost profit, indirect & direct expenses, overhead, and the like.

28.00 PAYMENTS TO THE CONTRACTOR

- 28.01 Monthly certificates for partial payment, in a form approved by the Owner, shall be transmitted to the Owner upon receipt from the Contractor and acceptance by the Owner. In accordance with LSA-R.S. 38:2248(A), when the Contract Price is less than five hundred thousand dollars, these certificates shall be equal to ninety percent (90%) of both the Work performed and materials stored at the site; and when the Contract Price is five hundred thousand dollars or more, these certificates shall be equal to ninety-five percent (95%) of both the Work performed and materials stored at the site. Partial payment certificates shall include only Work, materials and equipment that are included in official Work Order and which meet the requirements of plans, Specifications and Contract Documents. These monthly estimates shall show the amount of the original estimate for each item, the amount due on each item, the gross total, the retained percentage, the amount previously paid and the net amount of payment due.
- 28.02 After final completion and acceptance by the Owner of the entire Work, and when the Contract Price is less than five hundred thousand dollars, the Owner shall issue to the Contractor Certificate of Payment in sum sufficient to increase total payments to ninety percent (90%) of the Contract Price. After final completion and acceptance by the Owner of the entire Work, and when the Contract Price is five hundred thousand dollars or more, the Owner shall issue to the Contractor Certificate of Payment in sum sufficient to increase total payments to ninety-five percent (95%) of the Contract Price.
- 28.03 When the Contract Price is less than five hundred thousand dollars, the final payment certificate of the remaining ten percent (10%) of the Contract Price, minus any deduction for deficient or Defective Work or other applicable deductions, will be issued by the Owner forty-five (45) days after filing acceptance in the Mortgage Office of the Parish and a Clear Liens and Privilege Certificate has been secured. When the Contract Price is five hundred thousand dollars or more, the final payment certificate of the remaining five percent (5%) of the Contract Price, minus any deduction for deficient or Defective Work or other applicable deductions, will be issued by the Owner forty-five (45) days after filing acceptance in the Mortgage Office of the Parish and a Clear Liens and Privilege Certificate has been secured. Before issuance of the final payment certificate, the Contractor shall deposit with the Owner a certificate from the Clerk of Court and Ex-Officio Recorder of Mortgages from the Parish in which the Work is performed to the effect that no liens have been registered against Contract Work.
- 28.04 When, in the opinion of the Contractor, the Work provided for and contemplated by the Contract Documents has been substantially completed, the Contractor shall notify the Owner in writing that the Work is substantially complete and request a final inspection. The Owner shall proceed to perform such final inspection accompanied by the Contractor. Any and all Work found by this inspection to be Defective or otherwise not in accordance with the plans and Specifications shall be corrected to the entire satisfaction of the Owner and at the sole expense of the Contractor. If the Contract is found to be incomplete in any of its details, the Contractor shall at once remedy such defects, and payments shall be withheld and formal acceptance delayed until such Work has been satisfactorily completed.
- 28.05 If payment is requested on the basis of materials and equipment not incorporated in the Work, but delivered and suitably stored and protected from damage and theft at the site, the Request for Payment shall also be accompanied by such data, satisfactory to the Owner, as will establish Owner's title to the material and equipment and protect its interest therein, including applicable insurance.
- 28.06 Each subsequent Request for Payment shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied to discharge in full all of Contractor's obligations reflected in prior Request for Payment.
- 28.07 Each subsequent request for payment shall include an affidavit by Contractor that Contractor, all subcontractors, agents, material suppliers and all other persons supplying

material to the project upon which State of Louisiana and/or St. Tammany sales taxes are lawfully due have paid these taxes and that all supplies and materials purchased for this project and for which Contractor has been paid have had all lawfully due State and/or St. Tammany sales taxes paid.

- 28.08 The Bid Proposal, unless otherwise modified in writing, and the Contract constitute the complete Project. The Contract Prices constitute the total compensation payable to Contractor and the cost of all of the Work and materials, taxes, permits and incidentals must be included into the Bid submitted by the Contractor and included into those items listed on the Proposal.
- 28.09 Any additional supporting data required by the Owner in order to substantiate Contractor's request for payment shall be furnished by Contractor at no cost to the Owner.
- 28.10 Owner may withhold from payment to Contractor as may be necessary to protect itself from loss on account of:
- (1) Defective and/or inferior work;
 - (2) Damage to the property of Owner or others caused by Contractor;
 - (3) Failure by Contractor to make payments properly to sub-contractors or to pay for labor, materials or equipment used on this project;
 - (4) Failure by Contractor to pay taxes due on materials used on this project;
 - (5) Damage by Contractor to another Contractor;
 - (6) Insolvency;
 - (7) Bankruptcy, voluntary or involuntary;
 - (8) Revocation of corporate status;
 - (9) Failure to follow corporate formalities;
 - (10) Unprofessional activities;
 - (11) Unworkmanlike performance;
 - (12) Fraud and/or misrepresentation of any kind.

29.00 ACCEPTANCE AND FINAL PAYMENT(S)

- 29.01 Upon receipt of written notice from Contractor that the work is substantially complete and usable by Owner or the Public in suitable manner, the Owner and the Contractor shall jointly inspect the work.
- 29.02 If the Owner by inspection determines that the work is not substantially complete in a suitable manner for use by the Owner or the Public, then the Owner shall so notify the Contractor in writing stating such reason. All reasons need not be disclosed unless actually known. The Owner is afforded an opportunity to amend said notices as are reasonably possible.
- 29.03 If the Owner by its inspection determines that the work is substantially complete, it shall prepare a list of all items not satisfactorily completed and shall notify the Contractor and Owner in writing that the work is substantially complete and subject to satisfactory resolution of those items on the list (punch list). Punch lists may be amended from time to time by Owner in the event that additional deficiencies are discovered. In accordance with LSA-R.S. 38:2248(B), any punch list generated during a construction project shall include the cost estimates for the particular items of work the design professional has developed based on the mobilization, labor, material, and equipment costs of correcting each punch list item. The design professional shall retain his working papers used to determine the punch list items cost estimates should the matter be disputed later. The contract agency shall not withhold from payment more than the value of the punch list. Punch list items completed shall be paid upon the expiration of the forty-five (45) day lien period. The provisions of this Section shall not be subject to waiver.
- 29.04 Upon determination of substantial completeness with the punch list, the Contract Time is interrupted and the Contractor is given a reasonable time not to exceed thirty (30) consecutive calendar days to effect final completion by correcting or completing all of those items listed on the punch list. If the items on the punch list are not completed in a satisfactory manner within the thirty day period, then the Contract Time will begin to run again and will include for purposes of determining liquidated damages the thirty day period the grace period being withdrawn.

29.05 Upon receipt by Owner of written determination that all work embraced by the contract has been completed in a satisfactory manner, the Owner shall provide a written acceptance to Contractor who shall record Owner's written acceptance with the recorder of Mortgages, St. Tammany Parish. The Contractor shall properly prepare, submit and pay for all costs associated with said Acceptance. The Contractor is also responsible for preparation, re-submission and payment of any and all updated certificates.

29.06 Retainage monies, minus those funds deducted in accordance to the requirements of this agreement including but not limited to Paragraph 28.10, shall be due Contractor not earlier than forty-six (46) calendar days after recordation of certificate of Owner's acceptance provided the following:

- (1) Contractor shall prepare, secure, pay for and submit clear lien and privilege certificate, signed and sealed by Clerk of Court or Recorder of Mortgages, Parish of St. Tammany and dated at least forty-six (46) days after recordation of certificate of acceptance;
- (2) Ensure that the official representative of the Owner has accepted as per LSA-R.S. 38:2241.1, *et seq.* and that all following sub-sections have been properly satisfied as per law;
- (3) Ensure that all signatures are affixed and that there exists the requisite authority for all signatures;
- (4) Ensure accurate and proper legal descriptions;
- (5) Properly identify all parties and/or signatories;
- (6) Properly identify all mailing addresses;
- (7) Correctly set for the amount of the contract, together with all change orders;
- (8) Set out a brief description of the work performed;
- (9) Reference to any previously recorded contract, lien or judgment inscription that may affect the property;
- (10) Certification that substantial completion has occurred, together with any applicable date(s);
- (11) Certification that no party is in default and/or that the project has been abandoned.

29.07 After securing the clear lien and privilege certificate the Contractor shall prepare its final application for payment and submit to Owner. The Owner shall approve application for payment, or state its objections in writing and forward to Contractor for resolution.

30.00 NOTICE AND SERVICE THEREOF

30.01 Any Notice to Contractor from the Owner relative to any part of this Contract shall be in writing and shall be considered delivered and the service thereof completed when said notice is posted; by certified mail, return receipt requested to the said Contractor at its last given address, or delivered in person to said Contractor or its authorized representative on the Work.

31.00 INTENTION OF THESE GENERAL CONDITIONS

31.01 These General Conditions shall be applicable to all contracts entered into by and between the Owner and Contractors, except as may be altered or amended with the consent of the Owner, and/or provided for in the Special Conditions of each contract. Contractor shall be presumed to have full knowledge of these General Conditions which shall be applicable to all contracts containing these General Conditions, whether Contractor has obtained a copy thereof or not.

32.00 SEVERABILITY

32.01 If any one or more or part of any of the provisions contained herein and/or in the Specifications and Contract for the Work shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Agreement or attachment, but it shall be construed as if such invalid, illegal, or unenforceable provision or part of a provision had never been contained herein.

32.02 **CHANGING THESE CONDITIONS:** Owner reserves the right to change or modify these General Conditions as it deems best, or as required by law. The General Conditions may also be modified for a particular project by the use of Special Conditions prior to the issuance of the Advertisement for Bid. However, once an advertisement for bid is made for any specific project, any changes to the General Conditions as they affect that specific project must be made in writing and issued via an addendum in accordance with State Law.

33.00 LAW OF THE STATE OF LOUISIANA

33.01 The Contract Documents shall be governed by the Law of the State of Louisiana.

33.02 The Contractor agrees to pay reasonable attorney's fees and other reasonable attendant costs, in the event that it becomes necessary for the Owner to employ an attorney in order to enforce compliance with or any remedy relating to any covenants, obligations, or conditions imposed upon the Contractor by this Agreement. Attorney fees shall be based upon the prevailing hourly rate of attorney rates in the private sector. In no case shall the hourly rate be less than \$175.00 per hour. All attorney fees collected shall be paid the operating budget of the Office of the Parish President.

33.03 The jurisdiction and venue provisions shall apply to all contractors, sureties, and subcontractors. The 22nd Judicial District for the Parish of St. Tammany shall be the court of exclusive jurisdiction and venue for any dispute arising from these General Conditions and/or any contract executed in conjunction with these General Conditions. All parties specifically waive any rights they have or may have for removal of any disputes to Federal Court, or transfers to different State District Court.

33.04 Contractor warrants that it has and/or had received a copy of these General Conditions at all times material hereto; Contractor further agrees that it has read and fully and completely understands each and every condition herein.

33.05 The property description will be more fully set out by an attached exhibit.

33.06 The Contractor warrants that it has the requisite authority to sign and enter this agreement.

33.07 It is specifically understood and agreed that in the event Contractor seeks contribution from the Parish or pursues its legal remedies for any alleged breach of this agreement by the Parish, then the following list of damages **SHALL NOT BE RECOVERABLE BY CONTRACTOR**. This list includes, but is not limited to:

1. indirect costs and/or expenses;
2. direct costs and/or expenses;
3. time-related costs and/or expenses;
4. award of extra days;
5. costs of salaries or other compensation of Contractor's personnel at Contractor's principal office and branch offices;
6. expenses of Contractor's principal, branch and/or field offices;
7. any part of Contractor's capital expenses, including any interest on Contractor's capital employed for the work;
8. any other charges related to change orders;
9. overhead and general expenses of any kind or the cost of any item not specifically and expressly included in Cost of Work.

33.08 DEFAULT AND WAIVERS

It is understood that time is of the essence. It is specifically understood between the parties that Contractor waives any and all notice to be placed in default by the Owner. This

subsection shall supersede and prime any other subsection herein above that is in conflict. The Owner specifically reserves its right and specifically does not waive the requirement to be placed in default by the Contractor as per law.

33.09 St. Tammany Parish Government contracts to be awarded are dependent on the available funding and/or approval by members designated and/or acknowledged by St. Tammany Parish Government. At any time St. Tammany Parish Government reserves the right to cancel the award of a contract if either or both of these factors is deficient.

33.10 It is the Parish's policy to provide a method to protest exclusion from a competition or from the award of a contract, or to challenge an alleged solicitation irregularity. It is always better to seek a resolution within the Parish system before resorting to outside agencies and/or litigation to resolve differences. All protests must be made in writing, and shall be concise and logically presented to facilitate review by the Parish. The written protest shall include:

1. The protester's name, address, and fax and telephone numbers and the solicitation, bid, or contract number;
2. A detailed statement of its legal and factual grounds, including a description of the resulting prejudice to the protester;
3. Copies of relevant documents;
4. All information establishing that the protester is an interested party and that the protest is timely; and
5. A request for a ruling by the agency; and a statement of the form of relief requested.

The protest shall be addressed to Director of Procurement, St. Tammany Parish Government, P.O. Box 628, Covington, LA 70434.

The protest review shall be conducted by the Parish Procurement Department.

Only protests from interested parties will be allowed. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals must be filed with and received by the Procurement Department BEFORE those deadlines.

Any other protest shall be filed no later than ten (10) calendar days after the basis of the protest is known, or should have been known (whichever is earlier).

The Parish will use its best efforts to resolve the protest within thirty (30) days of the date that it is received by the Parish. The written response will be sent to the protestor via mail and, fax, if a fax number has been provided by the protestor. The protester can request additional methods of notification.

Section 09

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____ INCORPORATED, DULY NOTICED AND HELD ON _____, A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT WAS:

RESOLVED THAT _____, BE AND IS HEREBY APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS AND TRANSACTIONS WITH THE PARISH OF ST. TAMMANY OR ANY OF ITS AGENCIES, DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES, CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE AND CORRECT COPY OF AN EXCERPT OF THE MINUTES OF THE ABOVE DATED MEETING OF THE BOARD OF DIRECTORS OF SAID CORPORATION, AND THE SAME HAS NOT BEEN REVOKED OR RESCINDED.

SECRETARY-TREASURER

DATE

Section 10

Certificate of Insurance Instructions

The below information is intended to guide Contractors on what information is needed to be listed on the Certificate of Insurance. All Insurance limit requirements can be found in Attachment D.

- **Certificate Holder** – STPG must be listed as the certificate holder, and it must include our address of: P.O. Box 628, Covington, LA 70434
 - Reason: the certificate holder is where cancellations of coverage, or updated certificates are mailed. If a vendor terminates a policy, we will be notified.
- **Additional Insured** – We must be named as an additional insured so that if there is a lawsuit against the vendor for a project, their coverage will cover STPG as well if we are named in the lawsuit.
 - We must be named in the Description of Operations box – reason: there could be other additional insureds, and we want to have no doubt that we are one of the additional insureds.
 - We must be named as additional insured on the following coverages: General liability, Auto Liability, Umbrella/Excess Liability, Environmental/Pollution Liability.
 - Professional Liability policies do not allow for an additional insured by most carriers.
- **Project Name & Contract #** - We need this listed in the Description of Operations, again so that if there is a lawsuit, we have proof that coverage was active for that project.
- **Waiver of Subrogation** – This can either be listed in the Description of Operations or checked off in the appropriate columns.

From the Insurance Requirement form:

Waiver of Subrogation: The Provider's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance.

- **Owners Protective Liability (OPL) or (OCP)** – Certificate of Insurance for OCP names St. Tammany Parish Government as the Insured and the Certificate Holder.
- Sample of Certificate of Insurance (COI) can be found on page 2.
- Please refer to this section in the package labeled “Insurance Requirements” for limits required for this project

Any questions regarding insurance requirements please contact the Risk Department at 985-898-5226 or email riskman@stpgov.org



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:		
	PHONE (A/C, No. Ext):	FAX (A/C, No):	
	E-MAIL ADDRESS:		
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED	INSURER A :		
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/>	<input type="checkbox"/>				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/>	<input type="checkbox"/>				PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> OCCUR						AGGREGATE \$
	EXCESS LIAB						\$
	<input type="checkbox"/> CLAIMS-MADE						
	DED						
	RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/>	<input type="checkbox"/>				E.L. EACH ACCIDENT \$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Project Name:
Contract #:

(Name St. Tammany Parish Government as an additional insured).

CERTIFICATE HOLDER**CANCELLATION**St. Tammany Parish Government
P.O. Box 628
Covington, LA 70434

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Section 11

Bond No.: _____

**CONTRACT AGREEMENT
BETWEEN PARISH AND CONTRACTOR**

BY: ST. TAMMANY PARISH GOVERNMENT

WITH:

**UNITED STATES OF
AMERICA
STATE OF LOUISIANA
ST. TAMMANY PARISH**

This agreement is entered into this _____ day of _____,
20____, by and between: «txtREQCompanyName», hereinafter called the "Contractor", whose
business address is «txtREQAddress», «txtREQCity», «txtREQState» «txtREQZip» and the St.
Tammany Parish Government, hereinafter called the "Parish", whose business address is P.O.
Box 628, Covington, LA 70434 (collectively, the "Parties") for «txtPROJECTNAME» project.
Witnessed that the Contractor and the Parish, in consideration of premises and the mutual
covenants, consideration and agreement herein contained, agree as follows:

1. SCOPE OF SERVICES

The Contractor shall furnish all labor and materials and perform all of the work required to build, construct and/or complete in a thorough and workmanlike manner:

«txtScopeSummary»

2. CONSTRUCTION DOCUMENTS

It is recognized by the Parties herein that said Construction Documents, including by way of example and not of limitation, the plans and Specifications, General Conditions, Supplementary General Conditions, any addenda thereto, the drawings (if any), and the bid, quote or other procurement documents impose duties and obligations upon the Parties herein, and said Parties thereby agree that they shall be bound by said duties and obligations. For these purposes, all of the provisions contained in the aforementioned Construction Documents are incorporated herein by reference with the same force and effect as though said Construction Documents were herein set out in full. Copies of the aforementioned Construction Documents are in the possession of both the Contractor and the Parish for reference.

3. TIME FOR COMPLETION

The work shall be commenced on a date to be specified in a written order of the Parish and shall be completed within «intCompletionTime» calendar days from and after said date.

4. COMPENSATION TO BE PAID TO THE CONTRACTOR

The Parish will pay and the Contractor will accept in full consideration for the performance of the Contract the sum of «curREQGrandTotal» dollars.

5. PERFORMANCE AND PAYMENT BOND

To these presents personally came and intervened _____,
(Name of Attorney in Fact)
herein acting for _____, a corporation organized
(Surety)
and existing under the laws of the State of _____, and duly authorized to transact business in the State of Louisiana, as surety, who declared that having taken cognizance of this Contract and of the Construction Documents mentioned herein, he hereby in his capacity as its Attorney in Fact obligates his company, as surety for the said Contractor, unto the said Parish, up to the sum of «curREQGrandTotal». The condition of this performance and payment bond

shall be that should the Contractor herein not perform the Contract in accordance with the terms and conditions hereof, or should said Contractor not fully indemnify and save harmless the Parish from all costs and damages which he may suffer by said Contractor's non-performance or should said Contractor not pay all persons who have fulfilled obligations to perform labor and/or furnish materials in the prosecution of the work provided for herein, including by way of example, workmen, laborers, mechanics, and furnishers of materials, machinery, equipment and fixtures, then said surety agrees and is bound to so perform the Contract and make said payment(s).

Contractor and Parish specifically agree to and recognize (1) the statutory employer relationship existing between the Parish and any employees performing work under this Contract as employees of the Contractor or employees of the "Sub-Contractor", and (2) that the work performed by the employees of the Contractor and the employees of the "Sub-Contractor" is part of the Parish's business, occupation or trade and is essential to the ability of the Parish to generate their products or services, all of which is in accordance with LSA-R.S. 23:1061, and as may be amended.

6. LIABILITY AND INDEMNIFICATION

A. Duty to Defend

Upon notice of any claim, demand, suit, or cause of action against the Parish, alleged to arise out of or be related to this Contract, Contractor shall investigate, handle, respond to, provide defense for, and defend at its sole expense, even if the claim, demand, suit, or cause of action is groundless, false, or fraudulent. The Parish may, but is not required to, consult with or assist the Contractor, but this assistance shall not affect the Contractor's obligations, duties, and responsibilities under this section. Contractor shall obtain the Parish's written consent before entering into any settlement or dismissal.

B. Contractor Liability

Contractor shall be liable without limitation to the Parish for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors.

C. Force Majeure

It is understood and agreed that neither party can foresee the exigencies beyond the control of each party which arise by reason of an Act of God or force majeure; therefore, neither party shall be liable for any delay or failure in performance beyond its control resulting from an Act of God or force majeure. The Parish shall determine whether a delay or failure results from an Act of God or force majeure based on its review of all facts and circumstances. The parties shall use reasonable efforts, including but not limited to, use of continuation of operations plans (COOP), business continuity plans, and disaster recovery plans, to eliminate or minimize the effect of such events upon the performance of their respective duties under this Contract.

D. Indemnification

Contractor shall fully indemnify and hold harmless the Parish, without limitation, for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents,

employees, partners or subcontractors. The Contractor shall not indemnify for the portion of any loss or damage arising from the Parish's act or failure to act.

E. Intellectual Property Indemnification

Contractor shall fully indemnify and hold harmless the Parish, without limitation, from and against damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities in any action for infringement of any intellectual property right, including but not limited to, trademark, trade-secret, copyright, and patent rights.

When a dispute or claim arises relative to a real or anticipated infringement, the Contractor, at its sole expense, shall submit information and documentation, including formal patent attorney opinions, as required by the Parish.

If the use of the product, material, service, or any component thereof is enjoined for any reason or if the Contractor believes that it may be enjoined, Contractor, while ensuring appropriate migration and implementation, data integrity, and minimal delays of performance, shall at its sole expense and in the following

order of precedence: (i) obtain for the Parish the right to continue using such product, material, service, or component thereof; (ii) modify the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; (iii) replace the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; or, (iv) provide the Parish monetary compensation for all payments made under the Contract related to the infringing product, material, service, or component, plus for all costs incurred to procure and implement a non-infringing product, material, or service of at least equal quality and performance. Until this obligation has been satisfied, the Contractor remains in default.

The Contractor shall not be obligated to indemnify that portion of a claim or dispute based upon the Parish's unauthorized: i) modification or alteration of the product, material or service; ii) use of the product, material or service in combination with other products not furnished by Contractor; or, iii) use of the product, material or service in other than the specified operating conditions and environment.

7. MODIFICATION OF CONTRACT TERMS

Provided that any alterations which may be made in the terms of the Contract or in the work to be done under it, or the giving by the Parish of any extensions of time for the performance of the Contract, or any other forbearance on the part of either the Parish or the Contractor to the other shall not in any way release the Contractor or the Surety from their liability hereunder, notice to the Surety of any such alterations, extensions or other forbearance being hereby waived.

8. TERMINATION, CANCELLATION, AND SUSPENSION

A. Termination

The term of this Contract shall be binding upon the Parties hereto until the work has been completed by the Contractor and accepted by the Parish, and all payments required to be made to the Contractor have been made. But, this Contract may be terminated upon thirty (30) days written notice under any or all of the following conditions:

- 1) By mutual agreement and consent of the Parties hereto;

- 2) By the Parish as a consequence of the failure of the Contractor to comply with the terms, progress, or quality of the work in a satisfactory manner, proper allowances being made for circumstances beyond the control of the Contractor;
- 3) By either party upon failure of the other party to fulfill its obligations as set forth in this Contract;
- 4) By the Parish with less than thirty (30) days' notice due to budgetary reductions and changes in funding priorities by the Parish;
- 5) In the event of the abandonment of the project by the Parish.

Upon termination, the Contractor shall be paid for actual work performed prior to the Notice of Termination, either based upon the established hourly rate for services actually performed, or on a pro-rata share of the basic fee based upon the phase or percentage of work actually completed, depending on the type of compensation previously established under this Contract.

Upon Termination, the Contractor shall deliver to the Parish all original documents, notes, drawings, tracings, computer files, and other files pertaining to this Contract or the Work performed, except for the Contractor's personal and administrative files.

B. Cancellation

The continuation of this Contract is contingent upon the appropriation of funds to fulfill the requirements of the Contract by the Parish. If the Parish fails to appropriate sufficient monies to provide for the continuation of this or any other Contract, or if such appropriation is reduced by the veto of Parish President by any means provided in the appropriations Ordinance to prevent the total appropriation for the year from exceeding revenues for that year, or for any other lawful purpose, and the effect of such reduction is to provide insufficient monies for the continuation of the Contract, the Contract shall terminate on the date of the beginning of the first fiscal year for which funds are not appropriated. It is understood and agreed that paragraph (9)(C) below may preempt this paragraph, all at the exclusive and unilateral option of the Parish.

C. Suspension

Should the Parish desire to suspend the work, but not definitely terminate the Contract, the Parish shall supply the Contractor with thirty (30) days' notice. The Parish will also supply Contractor thirty (30) days' notice that the work is to be reinstated and resumed in full force. Contractor shall receive no additional compensation during the suspension period. The Parties may revisit the terms of this Contract during the suspension period.

The suspension shall not exceed six (6) months, unless mutually agreed upon between the Parties.

- D.** Failure to complete or deliver within the time specified or to provide the services as specified in the bid or response will constitute a default and may cause cancellation of the contract. Where the Parish has determined the contractor to be in default. The Parish reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with the cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid or response from the defaulting contractor will be considered.
- E.** In the event of a default and/or breach of this agreement and this matter is forwarded to legal counsel, then the prevailing party may be entitled to collect a reasonable attorney fees and all costs associated therewith whether or not litigation is initiated. Attorney fees shall be based upon the current, reasonable prevailing rate for counsel in the private sector. The Parties agree to be responsible for such attorney fees, together for all with legal interest from date of agreement breach, plus all costs of collection.

- F. Termination or cancellation of this agreement will not affect any rights or duties arising under any term or condition herein.
- G. As to the filing of voluntary or involuntary bankruptcy by Contractor, Contractor agrees that if any execution or legal process is levied upon its interest in this Contract, or if any liens or privileges are filed against its interest, or if a petition in bankruptcy is filed against it, or if it is adjudicated bankrupt in involuntary proceedings, or if it should breach this Contract in any material respect, the Parish shall have the right, at its unilateral option, to immediately cancel and terminate this Contract. In the event that Contractor is placed in any chapter of bankruptcy, voluntarily or involuntarily, or otherwise triggers any provision of the preceding sentence herein, it is understood and agreed that all materials, goods and/or services provided shall be and remain the property of the Parish. All rights of Contractor as to goods, wares, products, services, materials and the like supplied to Parish shall be deemed forfeited.

9. RECORDATION OF CONTRACT

Contractor authorizes Parish to deduct from any payment due herein costs and service fees for recordation of this Contract in full or an excerpt hereof, or any revisions or modifications thereof as required by law.

10. AUTHORITY TO ENTER CONTRACT

The undersigned representative of Contractor warrants and personally guarantees that he/she has the requisite and necessary authority to enter and sign this Contract on behalf of the corporate entity, partnership, etc. The undersigned Parties warrant and represent that they each have the respective authority and permission to enter this Contract. In the event that Contractor is a member of a corporation, partnership, L.L.C., L.L.P., or any other juridical entity, the Parish requires, as an additional provision, that Contractor supply a certified copy of a corporate resolution authorizing the undersigned to enter and sign this Contract. Another option to fulfill this additional provision he/she can supply Louisiana Secretary of State Business filings confirming that he/she is a managing member of a corporation, partnership, L.L.C., L.L.P., or any other juridical entity which authorizes the undersigned to enter and sign this Contract.

Bond No.: _____

In Witness thereof, the Parties hereto on the day and year first above written have executed this Contract in **One (1)** counterpart, each of which shall, without proof or accountancy for the other counterparts, be deemed an original thereof.

WITNESSES:

CONTRACTOR:

Signature

Signature

Print Name

Print Name

Signature

Title

Print Name

Date

SAMPLE

Bond No.: _____

WITNESSES:

**ST. TAMMANY PARISH
GOVERNMENT:**

Signature

Print Name

Signature

Print Name

Michael B. Cooper
Parish President

Date

APPROVED BY:

Assistant District Attorney
Civil Division

Date

(Surety)

Signature

Print Name

ST. TAMMANY PARISH
DEPT. OF ENGINEERING
PLANS OF PROPOSED
CAPITAL IMPROVEMENTS

PARISH PROJECTS

EN23000046 SOELL DR, EN23000062 SOELL DR DRAINAGE,
EN24000005 HELENBIRG RD, EN24000013 MIRE DR

STANDARD PLANS

- 101-102 BM-01
- 103 CB-01
- 104 CB-02
- 105 CC5M6-8R90-1
- 106-108 DW-01
- 109-110 EC-01
- 111-112 MB-01
- 113-115 MC-01
- 116 PAVEMENT MARKINGS
- 117-119 SPEED TABLE
- 120 SWBS-100

SPECIAL DETAILS

- 121 SHOULDER WEDGE
- 122 PRCB-01
- 123 YP-01

DATUM USED

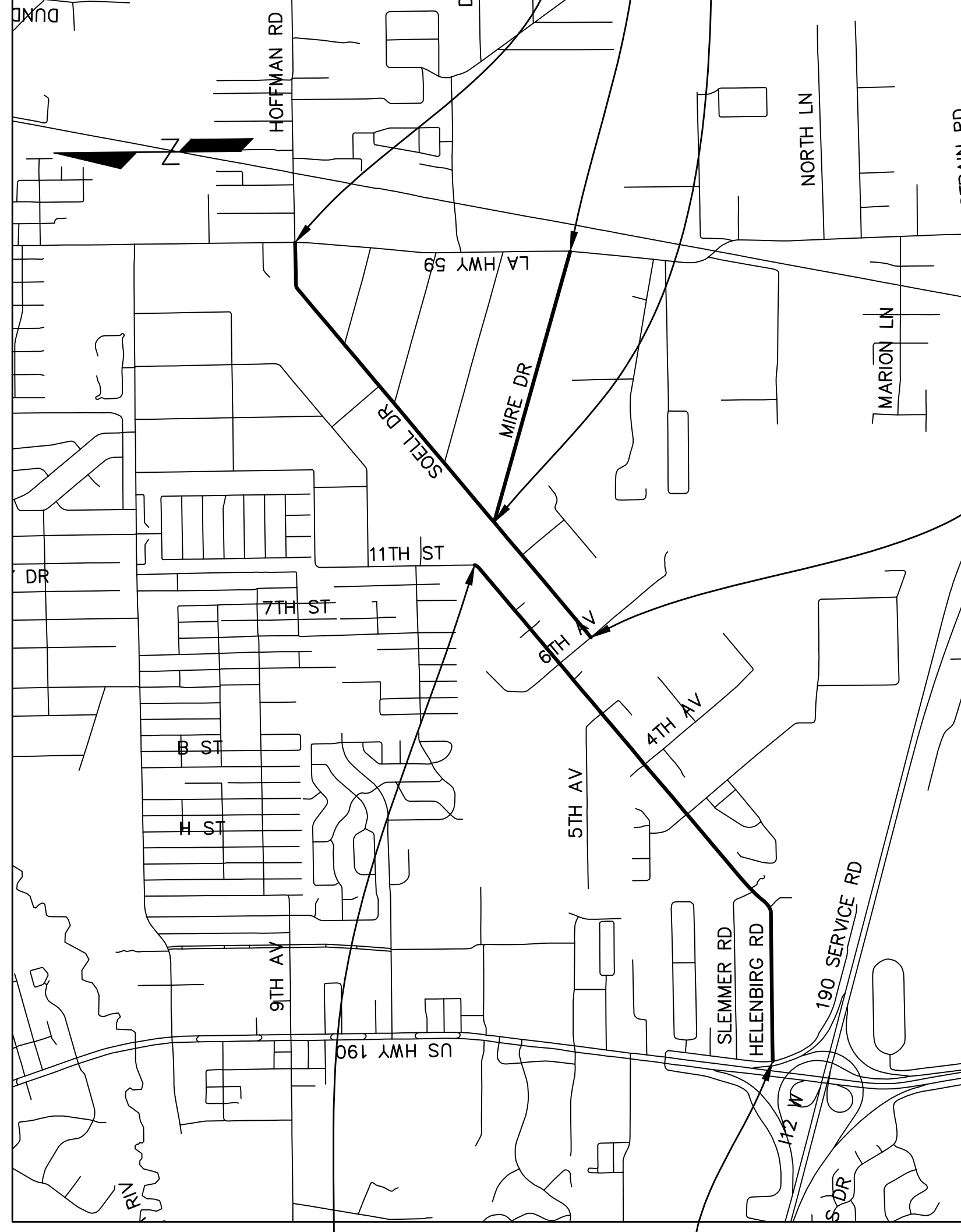
VERTICAL: NAVD88 BY RTK GPS
OBSERVATION

HORIZONTAL: LOUISIANA STATE PLANE
(NAD83) SOUTH ZONE (1702) BY RTK
GPS OBSERVATION

NOTE:

ALL DISTANCES AND BEARINGS SHOWN
ARE BASED ON GRID COORDINATES
THE APPROPRIATE SCALE FACTOR
MUST BE USED TO CONVERT TO
GROUND DISTANCES AND THE
APPROPRIATE CONVERGENCE MUST BE
USED TO CONVERT TO TRUE BEARINGS

Sheet Number	Sheet Title
1	Title Sheet
1a	Construction Notes
1b	Project Overview
1c	Speed Table Map
2-2c	Typical Sections
3-3l	Summary Sheets
4-12	Plan & Profile
13-17	Reference Points & Geometrics
18-19	Design Drainage Maps
20-22	Summary of Drainage Structures
23	Striping Plan
101-123	Standard Plans
201-203	Cross Sections



EARTHWORK: EXCAVATION = 645 CU. YDS.
EMBANKMENT = 659 CU. YDS.

NOTE:
TYPE OF CONSTRUCTION: REMOVAL AND REPLACEMENT
OF DRAINAGE STRUCTURES, PRECAST BOX CULVERT,
PRECAST CATCH BASINS, PAVING ASPHALT AND
CONCRETE DRIVES, CLASS II BASE, ASPHALT PAVING,
AND PAVEMENT PATCHING.

SOELL TRAFFIC DATA
2022 A.D.T. = 548
2043 A.D.T. = 681
D = 55%
K = 11%
T = 12%

ROADWAY CLASSIFICATION: URBAN COLLECTOR
DESIGN SPEED = 30 M.P.H.
POSTED SPEED = 25 M.P.H.

NOTE:
THE 2016 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR
ROADS AND BRIDGES AS AMENDED BY THE PROJECT
SPECIFICATIONS SHALL GOVERN ON THIS PROJECT.

MICHAEL B. COOPER, PARISH PRESIDENT
COUNCIL MEMBERS
RICK SMITH
LARRY ROLLING
MARTHA J. CAZAUBON
KATHY SEIDEN
PAT PHILLIPS
CHERYL TANNER
JOE IMPASTATO
PATRICK BURKE
DAVID COUGLE
MAUREEN O'BRIEN
ARTHUR LAUGHLIN
JERRY BINDER
JEFF CORBIN
JIMMY STRICKLAND



SOELL DR, HELENBIRG RD, MIRE DR
TITLE SHEET

Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@stp.gov.org

Project No.	
Sheet	
Date	10/24/2024
Scale	NTS
Drawn By	JES

GENERAL NOTES

- 1.) CONTRACTOR SHALL VERIFY ALL QUANTITIES AND MEASUREMENTS.
- 2.) PRIOR TO BEGINNING WORK, CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN PROJECT AND CONSTRUCTION SIGNS.
- 3.) ANY ADDITIONAL WORK PERFORMED BY THE CONTRACTOR WITHOUT PRIOR APPROVAL FROM THE ST. TAMMANY PARISH DEPT. OF ENGINEERING WILL BE BORNE BY THE CONTRACTOR AND WILL NOT BE REIMBURSED BY THE PARISH.
- 4.) ALL TRAFFIC CONTROL SIGNS THAT ARE DISTURBED SHALL BE MOVED OR REPLACED AT NO DIRECT COST.
- 5.) WEEKEND OR HOLIDAY WORK REQUESTS MUST BE SUBMITTED IN WRITING 24 HOURS PRIOR TO THE REQUESTED DAY. ST. TAMMANY PARISH RESERVES THE RIGHT TO DENY REQUESTS FOR WEEKEND OR HOLIDAY WORK.
- 6.) ALL AREAS THAT LIE WITHIN THE CONSTRUCTION LIMITS OR ARE REQUIRED FOR ACCESS FOR PERFORMING EXCAVATION SHALL BE CLEARED AND GRUBBED IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 201. CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL OR TRIMMING OF LOW HANGING BRANCHES OF TREES THAT INTERFERE WITH CONSTRUCTION ACTIVITIES. TRIMMING OR CLEARING SHALL BE IN ACCORDANCE WITH ACCEPTED HORTICULTURAL AND TREE SURGERY PRACTICES PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) AND UNDER SUPERVISION OF A LICENSED LANDSCAPE ARBORIST.

UTILITIES

- 1.) BEFORE ANY EXCAVATION, THE CONTRACTOR IS REQUIRED TO CALL LOUISIANA ONE CALL FOR LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING UTILITIES.

EROSION AND SEDIMENT CONTROL

- 1.) CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING AND EROSION CONTROL PLAN TO THE PARISH PRIOR TO BEGINNING WORK.
- 2.) MULCH, SEEDING, AND FERTILIZER SHALL BE SPREAD IN AREAS IN ACCORDANCE WITH THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER. HYDRO-SEEDING MAY SUBSTITUTE SEEDING AND FERTILIZER ITEMS ONLY.
- 3.) SILT FENCING AND STRAW BALES MUST BE USED AS TEMPORARY MEASURES AROUND INLETS AND DRAINAGE DITCHES TO PREVENT SILT FROM ENTERING WATERWAYS, DRAINAGE SYSTEMS OR DITCHES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANLINESS OF THE PROJECT SITE AND ACCESS AREAS. AREAS SHALL BE KEPT CLEAN ON A DAILY BASIS AT NO DIRECT COST.

SURVEY

- 1.) CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL HORIZONTAL AND VERTICAL CONTROLS BEFORE CONSTRUCTION. ANY DISCREPANCIES SHALL BE

BROUGHT TO THE ATTENTION OF THE DEPT. OF ENGINEERING.

- 2.) PROPERTY CORNERS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED BY A LOUISIANA LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE AND AT NO DIRECT COST TO THE PARISH.

TRAFFIC CONTROL

- 1.) LOCAL TRAFFIC IS TO BE MAINTAINED AT ALL TIMES. THE CLOSING OF DRIVES PROVIDING ACCESS IS ALLOWED FOR A SHORT PERIOD OF TIME (3 DAYS MAX.) BUT MUST BE COORDINATED BY THE CONTRACTOR WITH THE OCCUPANT. TRAFFIC MAINTENANCE AGGREGATE SHALL BE FURNISHED AND INSTALLED TO MAINTAIN TRAFFIC.
- 2.) TEMPORARY ROAD CLOSURES MUST BE BROUGHT TO THE ATTENTION TO THE PROJECT ENGINEER OR INSPECTOR WITH AT LEAST SEVEN (7) DAYS NOTICE PRIOR TO CLOSURE. CONTRACTOR MUST SUBMIT DETOUR PLAN PRIOR TO CLOSURE.

DRAINAGE

- 1.) THE CONTRACTOR MUST MAINTAIN DRAINAGE DURING CONSTRUCTION OF THE PROJECT
- 2.) MANHOLE ADJUSTMENT RINGS ARE TO BE ADJUSTED TO MATCH FINAL PAVEMENT ELEVATION.
- 3.) EXISTING DAMAGED OR UNDERSIZED CULVERTS TO BE REPLACED SHALL BE VERIFIED BY PROJECT MANAGER, INSPECTOR, OR ENGINEER.
- 4.) BEDDING MATERIAL SHALL CONFORM WITH LADOTD SPECIFICATIONS. RAP SHALL NOT BE USED IN PLACE OF BEDDING MATERIAL.

ASPHALTIC CONCRETE

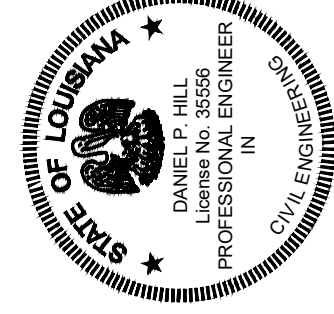
- 1.) JOB MIX FORMULA SHALL BE SUBMITTED TO PROJECT ENGINEER AND APPROVED PRIOR TO PRODUCTION OF MIXTURE.
- 2.) ASPHALT PATCHING SIZE AND LIMITS TO BE VERIFIED BY PROJECT MANAGER, INSPECTOR, OR ENGINEER.
- 3.) ASPHALTIC SPEED TABLES ARE TO BE CENTERED AT THE SPECIFIED STATIONING. DRIVEWAYS MUST BE AVOIDED. THE LOCATION OF EACH SPEED TABLE SHALL BE VERIFIED BY PROJECT MANAGER, INSPECTOR, OR ENGINEER.

TEMPORARY SHORING AND EXCAVATION

- 1.) THE CONTRACTOR SHALL BE REQUIRED TO SHORE EXCAVATIONS IN ORDER TO MAINTAIN SITE STABILITY AND ADHERE TO OSHA REQUIREMENTS AT NO DIRECT PAY.

AS-BUILT

- 1.) A RECORD OF AS-BUILT ELEVATIONS PROVIDED ON PLAN SHEETS (REDLINES) OR FIELD BOOKS SHALL BE SUBMITTED UPON COMPLETION OF THE PROJECT.



10-21-2024

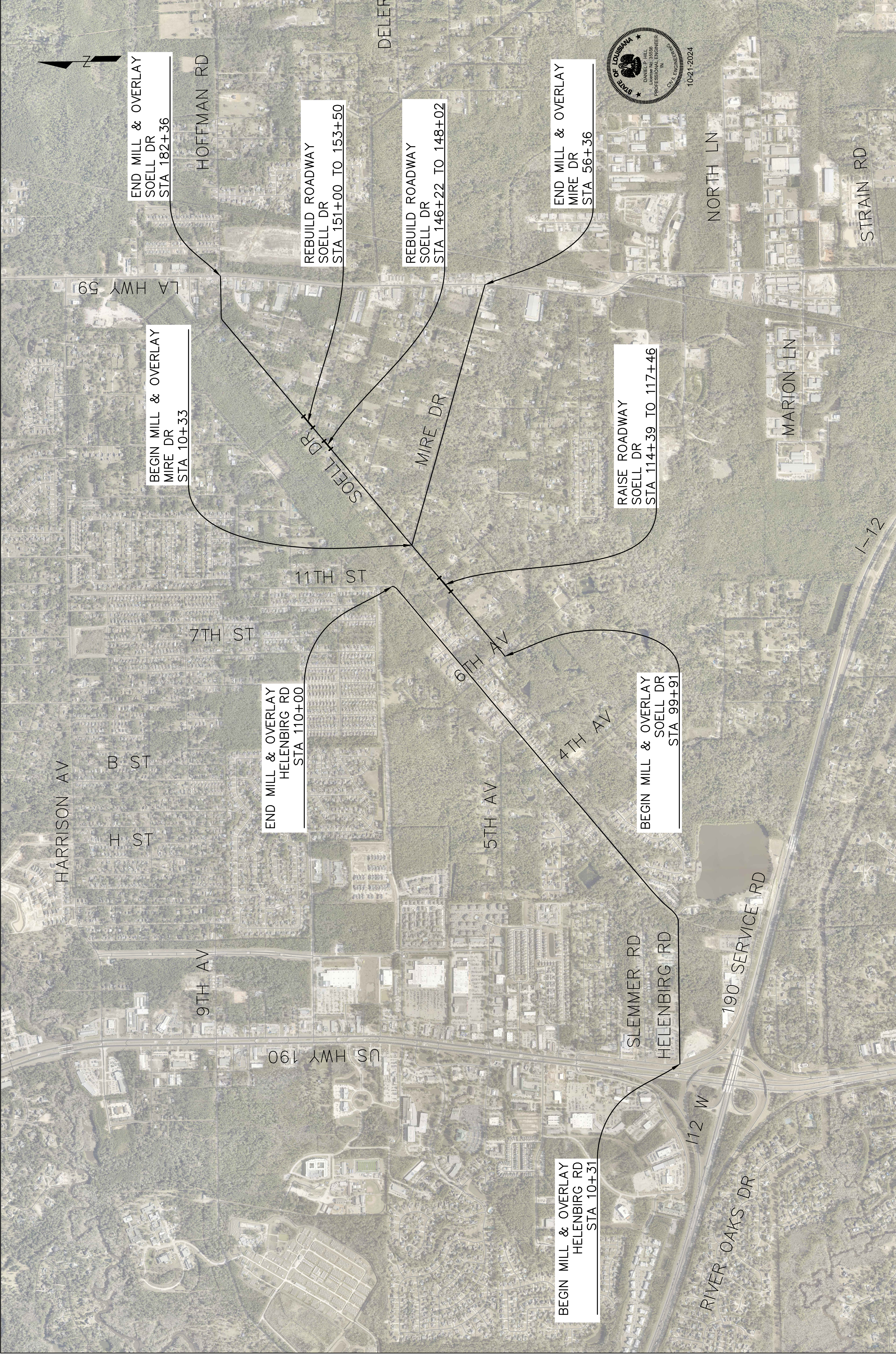
SOELL DR, HELENBIRG RD, MIRE DR
CONSTRUCTION NOTES

Rev. No	Date	Description

St. Tammany Parish
Department of Engineering
P. O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org



Project No.	Sheet	Date	Scale	Drawn By
	1a	10/15/2024	NTS	JES



Project No.	-----
Date	10/15/2024
Scale	1" = 800'
Drawn By	JES

St. Tammany Parish
 Department of Engineering
 P.O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

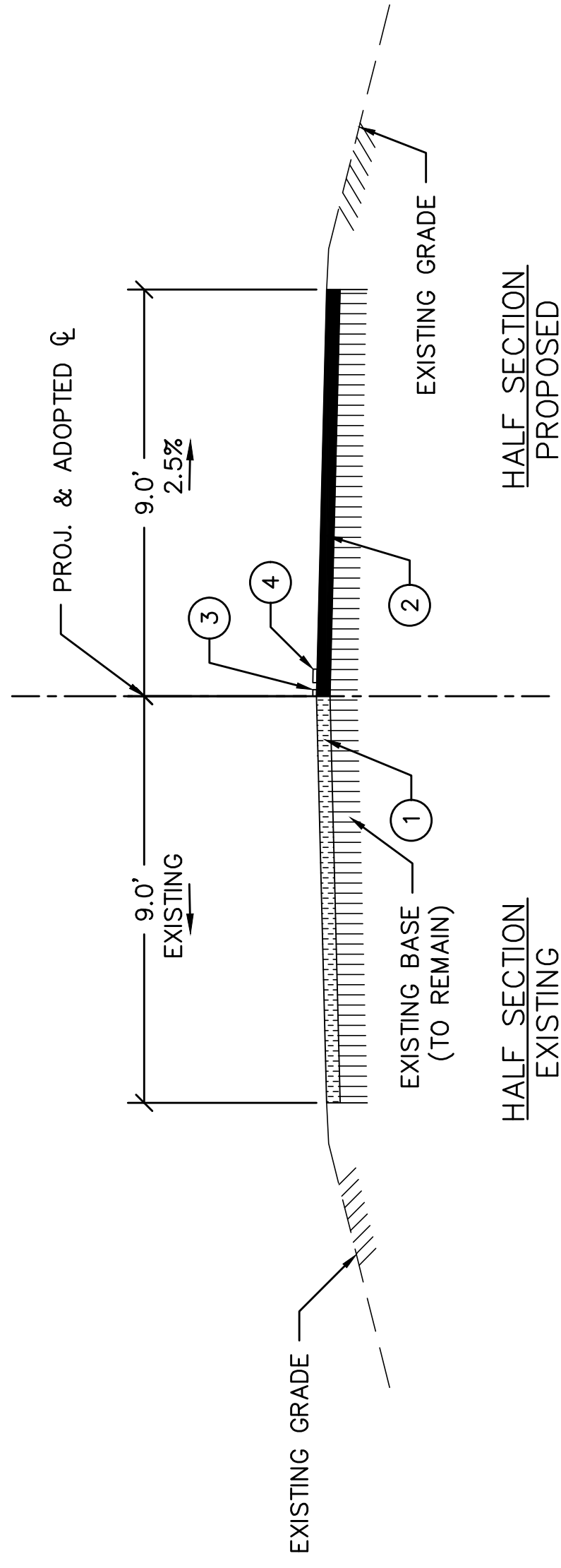
Rev. No.	Date	Description

SOELL DR, HELENBURG RD, MIRE DR
 PROJECT OVERVIEW

1b

Rev. No.	Date	Description

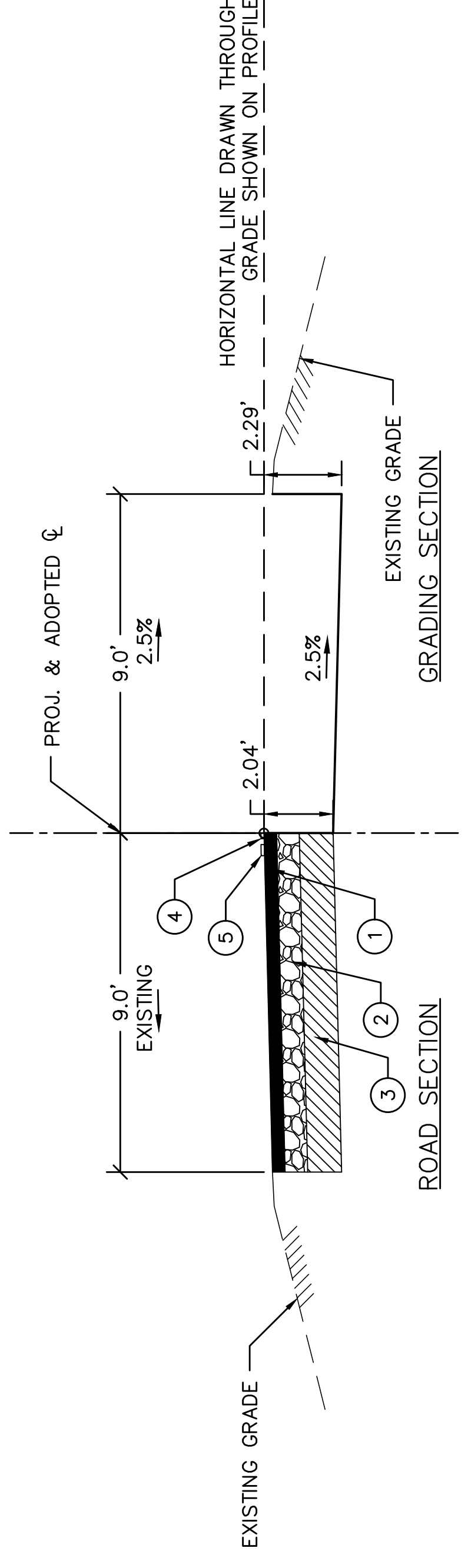




TYPICAL SECTION

APPLIES TO SOELL DR
 STA. 99+91 TO 114+39, 117+46 TO 146+22, 148+02 TO 151+00, AND STA. 153+50 TO 182+36

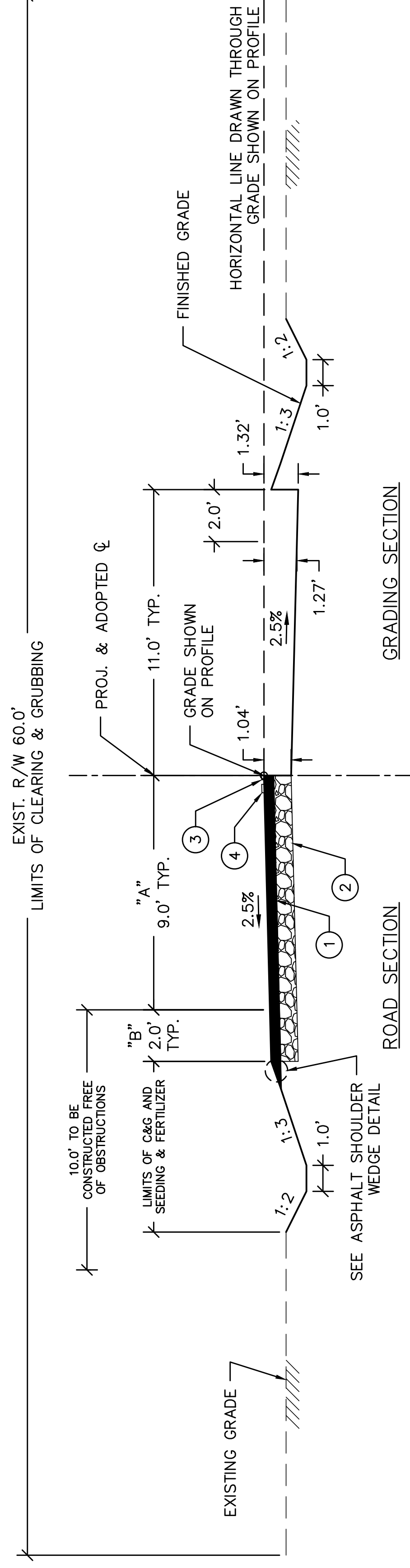
- ① MILLING ASPHALT (2 IN. THICK)
- ② 2" ASPHALT CONCRETE (WEARING) (LEVEL 1)
- ③ REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING
- ④ 4" SOLID DOUBLE YELLOW PLASTIC PAVEMENT STRIPING



TYPICAL SECTION

APPLIES TO SOELL DR
 STA. 146+22 TO 148+02 AND 151+00 TO 153+50

- ① 4-½" ASPHALT CONCRETE (2" WEARING, 2-½" BINDER) (LEVEL 1)
- ② 8" CLASS II BASE COURSE (CRUSHED STONE) W/GEOTEXTILE FABRIC
- ③ 12" GENERAL EXCAVATION AND 12" EMBANKMENT
- ④ REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING
- ⑤ 4" SOLID DOUBLE YELLOW PLASTIC PAVEMENT STRIPING



TYPICAL SECTION

APPLIES SOELL DR
 STA. 114+39 TO 116+17 AND 116+32 TO 117+46

- ① 4-½" ASPHALT CONCRETE (2" WEARING, 2-½" BINDER) (LEVEL 1)
- ② 8" CLASS II BASE COURSE (CRUSHED STONE) W/GEOTEXTILE FABRIC
- ③ REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING
- ④ 4" SOLID DOUBLE YELLOW PLASTIC PAVEMENT STRIPING

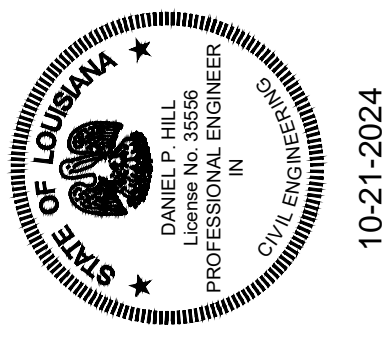
NOTES:
 20-YR ESAL LOADING IS 180,790
 SN REQ'D = 2.83
 SN PROVIDED = 2.99

ROADWAY DIMENSIONS					
BEGIN STATION	END STATION	LANE WIDTH "A"		SHOULDER WIDTH "B"	
		LT.	RT.	LT.	RT.
114+39	114+60	8.60-9.00	8.84-9.00	0.00-2.00	0.00-2.00
114+60	117+25	9.00	9.00	2.00	2.00
117+25	117+46	9.00-8.82	9.00	2.00-0.00	2.00-1.41

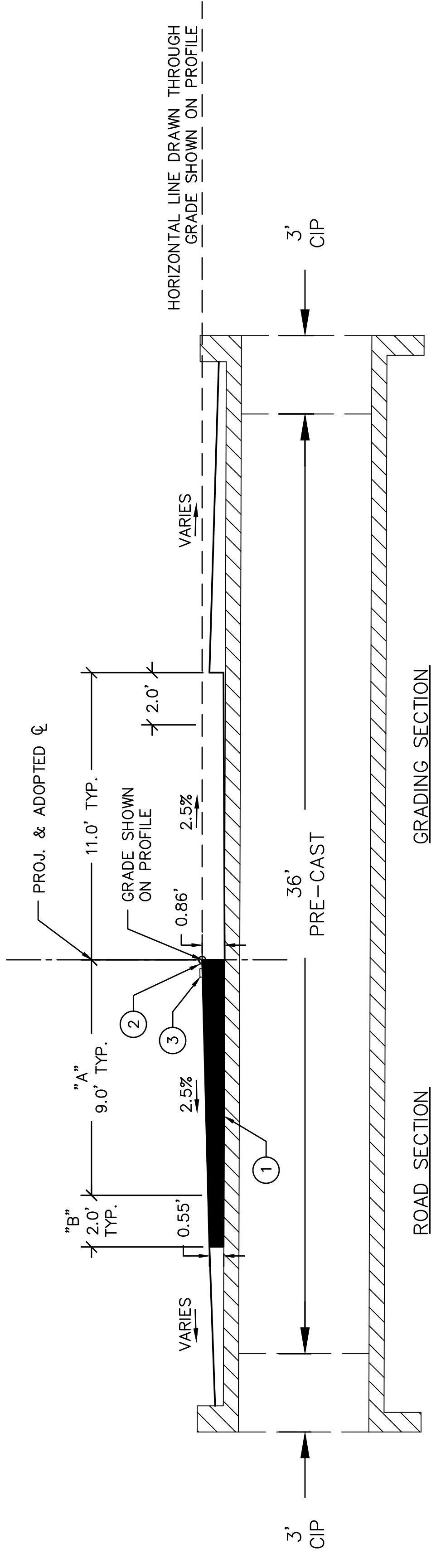


Rev. No.	Date	Description

Rev. No	Date	Description



10-21-2024

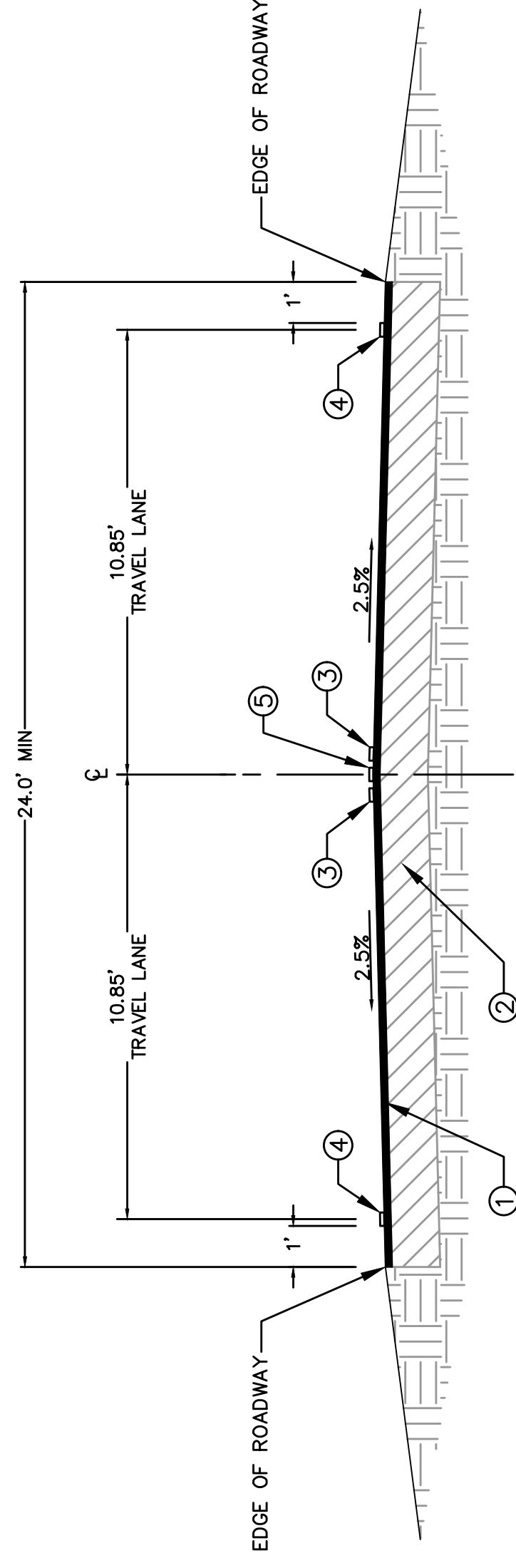


TYPICAL SECTION

APPLIES SOELL DR
STA. 116+17 TO 116+32

- ① ASPHALT CONCRETE (2" WEARING, BINDER VARIES) (LEVEL 1)
- ② REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING
- ③ 4" SOLID DOUBLE YELLOW PLASTIC PAVEMENT STRIPING

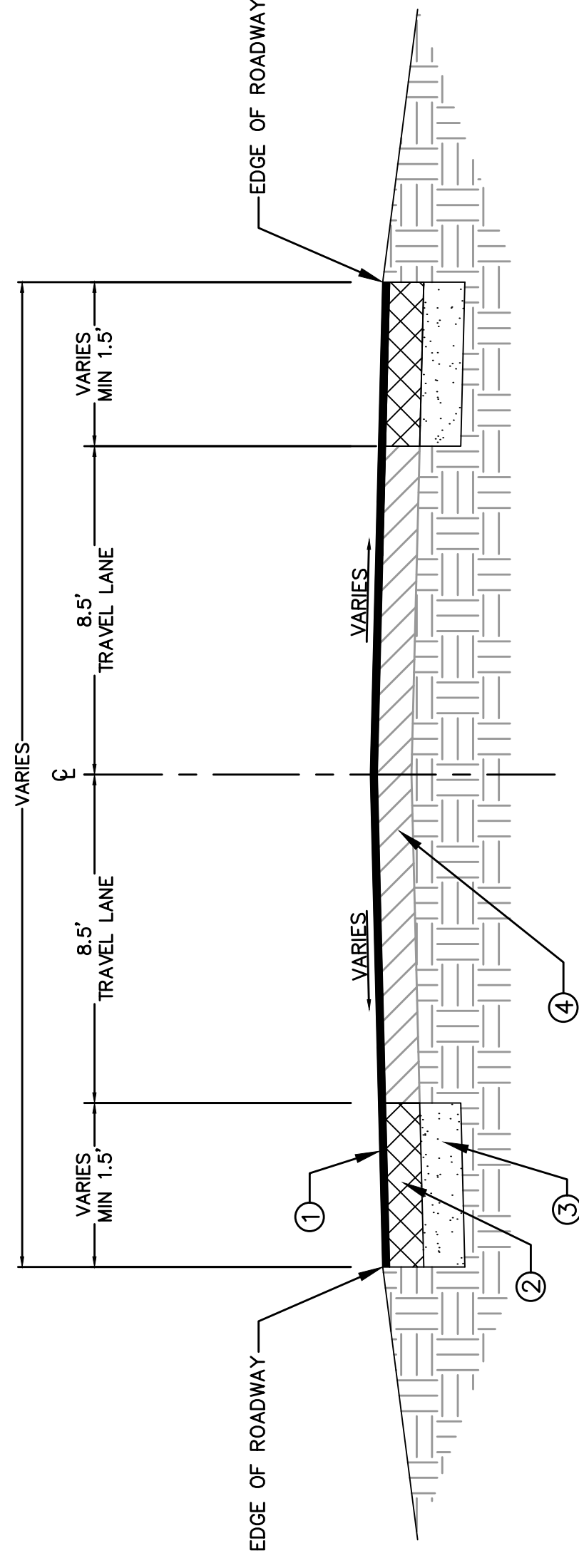
HELENBIRG RD
PROPOSED TYPICAL SECTION



APPLIES HELENBIRG RD
STA. 10+31 TO 110+00

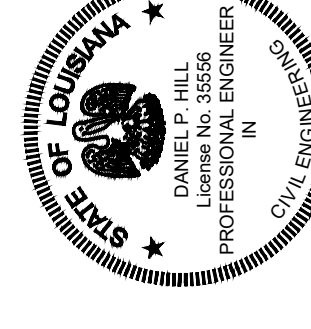
- ① MILL & OVERLAY 2" ASPHALT CONCRETE (WEARING) (LEVEL 1)
- ② EXISTING ASPHALT PAVEMENT
- ③ 4" SOLID YELLOW PLASTIC PAVEMENT STRIPING
- ④ 4" SOLID WHITE PLASTIC PAVEMENT STRIPING
- ⑤ REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING

SIXTH AVE
TYPICAL RADIUS WIDENING SECTION



APPLIES SIXTH AVE
STA. 11+70 TO 11+95

- ① MILL & OVERLAY 2" ASPHALT CONCRETE (WEARING) (LEVEL 1)
- ② 12" MINIMUM ASPHALTIC CONCRETE PAVEMENT PATCHING
- ③ 18" NONPLASTIC EMBANKMENT
- ④ EXISTING BASE (TO REMAIN)



10-21-2024

HELENBIRG RD
TYPICAL SECTIONS

Rev. No.	Date	Description

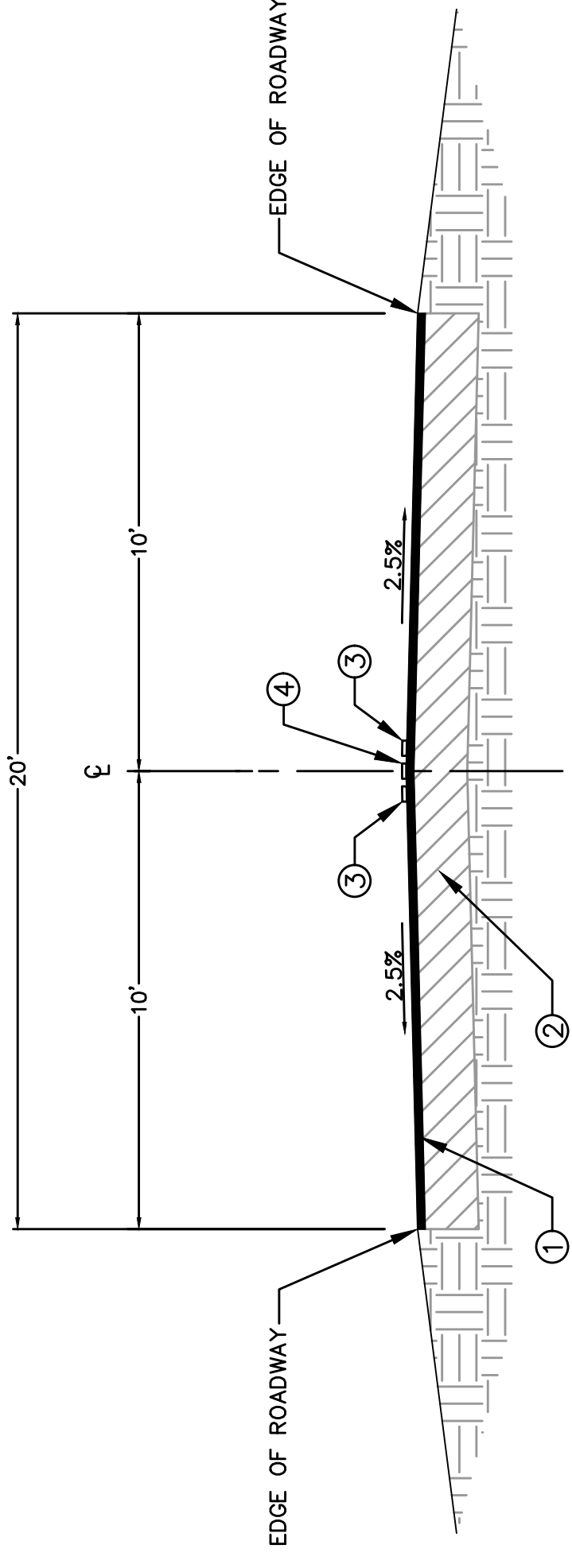
St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org



Sheet
2b

Project No. _____
Date 10/15/2024
Scale NTS
Drawn By JES

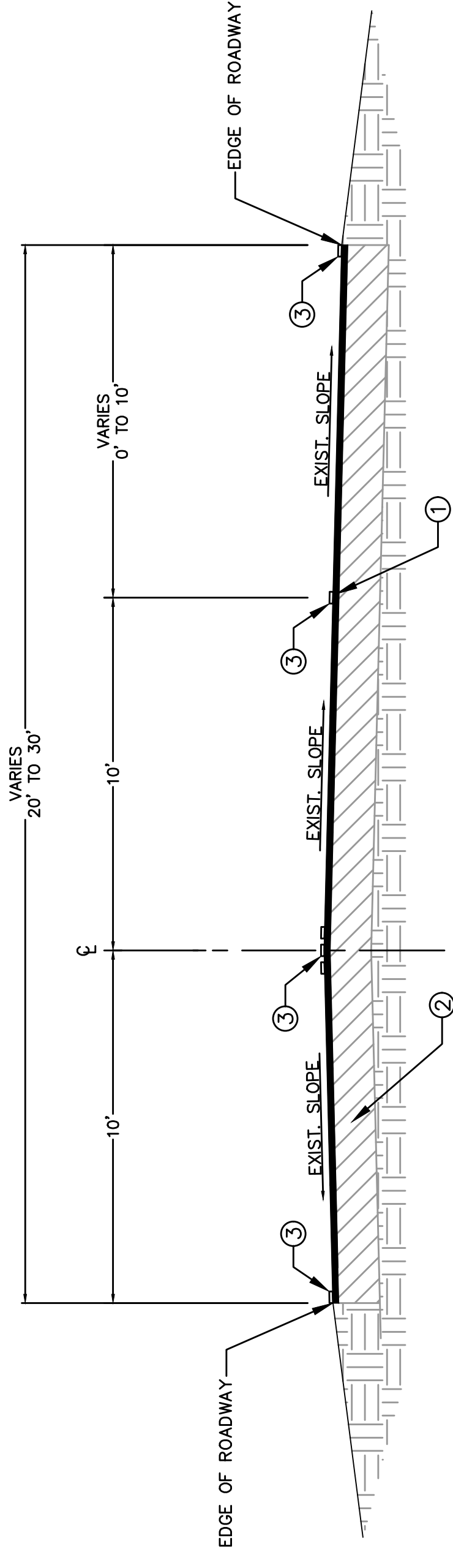
MIRE DR
PROPOSED TYPICAL SECTION



APPLIES MIRE DR
STA. 10+33 TO 54+30

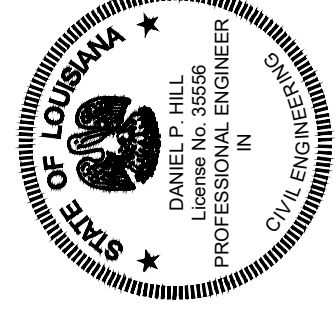
- ① MILL & OVERLAY 2" ASPHALT CONCRETE (WEARING) (LEVEL 1)
- ② EXISTING ASPHALT PAVEMENT
- ③ 4" SOLID YELLOW PLASTIC PAVEMENT STRIPING
- ④ REFLECTORIZED RAISED PAVEMENT MARKERS (2-WAY YELLOW) 20' SPACING

MIRE DR
TURN LANE TYPICAL SECTION



APPLIES MIRE DR
STA. 54+30 TO 56+36

- ① MILL & OVERLAY 2" ASPHALT CONCRETE (WEARING) (LEVEL 1)
- ② EXISTING ASPHALT PAVEMENT
- ③ REQUIRED PAVEMENT STRIPING AND/OR REFLECTORIZED MARKERS



10-21-2024

Rev. No.	Date	Description



SOELL DR

Earthwork			
STATION	GENERAL EXCAVATION (CUYD)		EMBANKMENT (CUYD)
	BEGIN	END	
STA. ALONG SOELL DR			
100+11	100+22	1	1
107+96	111+49	136	51
114+39	117+46	205	304
146+22	148+02	127	127
151+00	153+50	176	176
GENERAL TOTAL			659

STATION	SIDE OF C/L	DESCRIPTION	SQ. YDS.
STA. ALONG SOELL DR			
102+82	RT.	RESIDENTIAL DRIVEWAY	15.4
107+20	RT.	RESIDENTIAL DRIVEWAY	25.0
110+84	RT.	RESIDENTIAL DRIVEWAY	29.1
111+92	RT.	RESIDENTIAL DRIVEWAY	14.6
116+53	RT.	RESIDENTIAL DRIVEWAY	13.9
118+69	LT.	RESIDENTIAL DRIVEWAY	10.0
120+68	LT.	RESIDENTIAL DRIVEWAY	26.9
122+59	RT.	RESIDENTIAL DRIVEWAY	17.2
123+53	RT.	RESIDENTIAL DRIVEWAY	24.6
GENERAL TOTAL			177

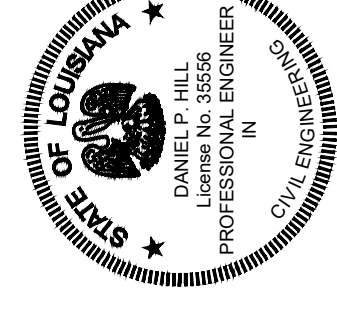
STATION	SIDE OF C/L	DESCRIPTION	IN-LF
STA. ALONG SOELL DR			
101+07	RT.	RESIDENTIAL DRIVEWAY	102
GENERAL TOTAL			102

STATION	Description	SIDE OF C/L
STA. ALONG SOELL DR		
100+97	HEADWALL	RT.
101+17	HEADWALL	RT.
107+03	HEADWALL	RT.
107+41	HEADWALL	RT.
109+58	FENCE STA. 107+35 TO 111+80	RT.
110+61	HEADWALL	RT.
111+02	HEADWALL	RT.
116+39	HEADWALL	RT.
116+63	HEADWALL	RT.
122+48	HEADWALL/TIMBERS	RT.
122+74	BOLLARD	RT.
122+69	HEADWALL/TIMBERS	RT.
123+38	HEADWALL/FENCE/TIMBERS	RT.
123+67	HEADWALL/FENCE/TIMBERS	RT.

STATION	Description	SIDE OF C/L	Side Drain Pipe (LNFT)	Cross Drain Pipe (LNFT)
STA. ALONG SOELL DR				
101+07	24" CMP	RT.	21	
102+10	12" CMP	RT.	22	
102+82	12" CMP	RT.	19	
103+24	12" CMP	RT.	25	
107+22	24" RCP	RT.	39	
110+82	18" RCP	RT.	41	
111+70	24" CMP	LT. & RT.		25
111+92	15" RCP	RT.	19	
115+57	18" RCP	LT.	40	
116+25	48" RCPA	LT. & RT.		32
116+32	48" RCPA	LT. & RT.		32
116+50	15" CPP	RT.	27	
116+67	18" RCP	LT. & RT.		32
118+69	18" CMP	LT.	15	
120+67	18" CMP	LT.	21	
122+58	18" CMP	RT.	20	
123+53	18" CMP	RT.	30	
GENERAL TOTAL			339	121

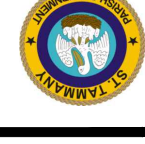
STATION	SIDE OF C/L	DESCRIPTION	SQ. YDS.
STA. ALONG SOELL DR			
101+07	RT.	RESIDENTIAL DRIVEWAY	19.8
112+41	LT.	RESIDENTIAL DRIVEWAY	5.6
GENERAL TOTAL			25

STATION	SIDE OF C/L	DESCRIPTION	IN-LF
STA. ALONG SOELL DR			
111+92	RT.	RESIDENTIAL DRIVEWAY	56
114+39	LT. & RT.	ROAD SAWCUT	72
117+46	LT. & RT.	ROAD SAWCUT	76
120+68	LT.	RESIDENTIAL DRIVEWAY	44
146+22	LT. & RT.	ROAD SAWCUT	76
148+02	LT. & RT.	ROAD SAWCUT	76
151+00	LT. & RT.	ROAD SAWCUT	76
153+50	LT. & RT.	ROAD SAWCUT	76
GENERAL TOTAL			552



10-21-2024

Rev. No.	Date	Description



SOELL DR

Removal of Pavement Structure					
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	AVG. WIDTH (FEET)	SQ. YDS.
STA. ALONG SOELL DR					
114+39	117+46	LT. & RT.	307	19	648.1
146+22	148+02	LT. & RT.	180	19	380
151+00	153+50	LT. & RT.	250	19	527.8
GENERAL TOTAL					1,555.9

Pavement Patching			
SIZE	LT. OF C/L	RT. OF C/L	PAVEMENT PATCHING (12" MINIMUM THICKNESS) (SQ. YD)
≤ 16.0 Sq. Yds.	15	9	159.8
16.1 - 48.0 Sq. Yds.	3	5	231.4
≥ 48.1 Sq. Yds.	1	-	50.8
Cross Drain Replacement			33.4
Additional Quantity			100.0
GENERAL TOTAL			575.4

Class II Base Course					
STATION	LENGTH (FEET)	AVG WIDTH (Feet)	SQ. YDS.	8" BASE CU. YD.	
STA. ALONG SOELL DR					
114+39	114+60	21	20.5	48	10.6
114+60	116+05	145	22.0	354	78.8
116+05	116+17	12	22.0	29	6.5
116+32	116+44	12	22.0	29	6.5
116+44	117+25	81	22.0	198	44.0
117+25	117+46	21	20.0	47	10.4
146+22	148+02	180	19.0	380	84.4
151+00	153+50	250	19.0	528	117.3
GENERAL TOTAL					359

Milling Asphalt Pavement							
STATION	END	LENGTH (Feet)	MILLING ASPHALT PAVEMENT		Sq. Yd.		
			WIDTH (Feet)				
STA. ALONG SOELL DR							
99+91	100+39	48	49.6		264.5		
100+39	114+39	1,400	19		2,955.6		
114+39	117+46	307	-		-		
117+46	146+22	2,876	19		6,071.6		
117+46	117+78	8.4	32		29.9		
124+38	125+13	14.0	75		116.7		
137+20	137+86	14.3	66		104.9		
146+22	148+02	180	-		-		
148+02	151+00	298	19		629.1		
150+05	150+67	13.2	62		90.9		
151+00	153+50	250	-		-		
153+50	182+25	2,875	19		6,069.4		
153+78	154+23	10.5	45		52.5		
162+68	163+36	12.9	68		97.5		
182+25	182+36	11	33.8		41.3		
ADD'L QTY FOR DRIVES					12	20	426.7
GENERAL TOTAL						16,951	

Asphalt Concrete Drives, Turnouts, and Misc.								
Station	Side of C/L	Length (Feet)	Avg. Width (Feet)	SQ. YDS	TONS			
						Begin	End	
STA. ALONG SOELL DR								
99+91	100+39	LT. & RT.	48	49.6	264.5	29.1		
102+12		RT.	8.4	17.6	16.4	3.6		
102+82		RT.	8.9	17.2	17.0	3.7		
103+23		RT.	8.5	22.2	21.0	4.6		
107+20		RT.	9.1	25	25.3	5.6		
110+84		RT.	12.9	30.4	43.6	9.6		
111+92		RT.	8.3	18.4	17.0	3.7		
116+53		RT.	11.5	13.3	17.0	3.7		
117+46	117+78	RT.	8.4	32	29.9	3.3		
120+68		LT.	17.8	13.1	25.9	5.7		
122+59		RT.	9.1	19.1	19.4	4.3		
123+53		RT.	9.0	25	25.0	5.5		
124+38	125+13	RT.	14.0	75	116.7	12.8		
137+20	137+86	RT.	14.3	66	104.9	11.5		
150+05	150+67	RT.	13.2	62	90.9	10.0		
153+78	154+23	LT.	10.5	45	52.5	5.8		
162+68	163+36	RT.	12.9	68	97.5	10.7		
182+25	182+36	LT. & RT.	11	33.8	41.3	4.5		
ADD'L QTY FOR DRIVES					12	20	2,000	381.3
GENERAL TOTAL							519.0	

Asphalt Concrete						
Station	Length (Feet)	Avg. Width (Feet)	SQ. YDS	2" Asphalt Concrete (Wearing Course) (TON)	2-1/2" Asphalt Concrete (Binder Course) (TON)	
STA. ALONG SOELL DR						
100+39	114+39	1,400	19	2,955.6	325.1	-
114+39	114+60	21	20	46.7	5.1	6.4
114+60	116+17	157	22	383.8	42.2	52.8
116+17	116+32	15	22	36.7	4.0	13.7
116+32	117+25	93	22	227.3	25.0	31.3
117+25	117+46	21	20.5	47.8	5.3	6.6
117+46	146+22	2,876	19	6,071.6	667.9	-
146+22	148+02	180	19	380.0	41.8	52.3
148+02	151+00	298	19	629.1	69.2	-
151+00	153+50	250	19	527.8	58.1	72.6
153+50	182+25	2,875	19	6,069.4	667.6	-
ADD'L FOR SHOULDER WEDGE STA. 114+39 TO 117+46					1.5	-
SUBTOTAL				1,912.8	2,148.5	235.7
GENERAL TOTAL						



10-21-2024

Rev. No.	Date	Description

SOELL DR

Seeding, Fertilizer and Erosion Control System							
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	AREA (ACRE)	SEEDING (LBS)	FERTILIZER (LBS)	Erosion Control System (Type C) (SQYD)
STA. ALONG SOELL DR							
100+09	100+43	LT.	34	0.007	0.3	7	33.9
100+11	100+23	RT.	12	0.002	0.1	2	9.7
100+91	100+98	RT.	7	0.003	0.1	3	14.5
101+16	101+23	RT.	7	0.003	0.1	3	14.5
101+96	102+04	RT.	8	0.003	0.1	3	14.5
102+16	102+24	RT.	8	0.003	0.1	3	14.5
102+68	102+76	RT.	8	0.003	0.1	3	14.5
102+88	102+96	RT.	8	0.003	0.1	3	14.5
103+09	103+16	RT.	7	0.003	0.1	3	14.5
103+31	103+39	RT.	8	0.003	0.1	3	14.5
107+00	107+10	RT.	10	0.004	0.2	4	19.4
107+30	107+44	RT.	14	0.005	0.2	5	24.2
107+95	110+67	RT.	272	0.150	6.8	150	726
111+00	111+58	RT.	58	0.032	1.4	32	154.9
114+39	117+60	LT.	321	0.169	7.6	169	818
114+39	117+46	RT.	307	0.162	7.3	162	784.1
120+51	120+62	LT.	11	0.004	0.2	4	19
120+74	120+83	LT.	9	0.003	0.1	3	15
122+42	122+49	RT.	7	0.003	0.1	3	15
122+67	122+74	RT.	7	0.003	0.1	3	15
123+33	123+41	RT.	8	0.003	0.1	3	15
123+65	123+73	RT.	8	0.003	0.1	3	15
GENERAL TOTAL				0.57	25	574	2,778

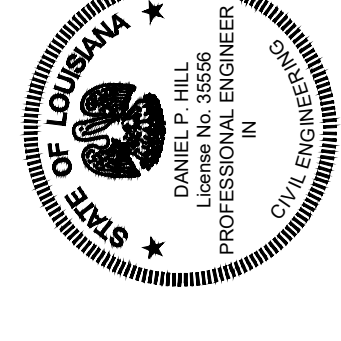
Pavement Markings						
STATION		SIDE OF C/L	DESCRIPTION	RETRO-REFLECTORIZED RAISED PAVEMENT MARKERS	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)	PLASTIC PAVEMENT STRIPING (SOLID LINE) (WHITE) (24" WIDTH)
BEGIN	END				YELLOW	LNFT
STA. ALONG SOELL DR						
99+91	99+99	LT.	STOP BAR (SIXTH AVE)	EACH	MILE	LNFT
99+99	100+07	RT.	STOP BAR (SIXTH AVE)			9
100+29	100+29	LT.	STOP BAR			9
100+29	182+25	LT. & RT.	CENTERLINE STRIPING W/YELLOW RPM	420	3.11	12
182+16		RT.	STOP BAR			13
GENERAL TOTAL				420	3.11	43

Cleaning Existing Ditches			
BEGIN STATION	END STATION	SIDE OF C/L	LNFT
STA. ALONG SOELL DR			
100+19	100+91	RT.	72
101+23	101+96	RT.	73
102+24	102+68	RT.	44
102+96	103+09	RT.	13
103+39	104+87	RT.	148
105+46	107+00	RT.	154
107+44	107+95	RT.	51
117+52	119+29	LT.	177
119+51	120+51	LT.	100
122+74	123+33	RT.	59
GENERAL TOTAL			891

Concrete Drives					
STATION	SIDE OF C/L	DESCRIPTION	LENGTH (FEET)	AVG. WIDTH (FEET)	CONCRETE DRIVE (6" THICK) (SQ.YD)
STA. ALONG SOELL DR					
104+31	RT.	RESIDENTIAL DRIVE	9	23	23.0
GENERAL TOTAL					23.0

STATION	SIDE OF C/L	SPEED TABLES*																			
		ASPHALT SPEED TABLES					SIGNAGE														
		LENGTH (FT)	WIDTH (FT)	ASPHALT (TONS)	12" WHITE (LNFT)	PAVEMENT MARKINGS	SPEED TABLE AHEAD		SPEED TABLE		SPEED PLAQUE 25										
STA. ALONG SOELL DR																					
108+73	LT. & RT.	22	18	0.5	101																
119+90	LT. & RT.	22	18	0.5	101																
132+36	LT. & RT.	22	18	0.5	101																
145+64	LT. & RT.	22	18	0.5	101																
157+56	LT. & RT.	22	18	0.5	101																
168+51	LT. & RT.	22	18	0.5	101																
179+13	LT. & RT.	22	18	0.5	101																
GENERAL TOTAL				3.5	707																128.25

*FOR INFORMATION PURPOSES ONLY



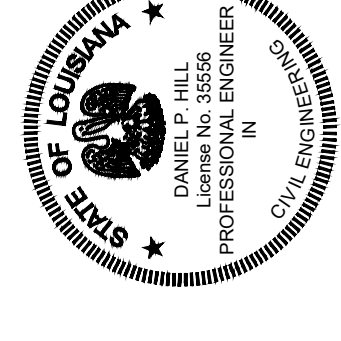
10-21-2024

Rev. No.	Date	Description



SOELL DR

STATION	SIDE OF C/L	DESCRIPTION	SIGN CATALOG NUMBER	SIGN SIZE		SIGN (SQ.FT) Type "A" (F&I)	SUPPORTS POST MOUNTINGS (EACH) 3 1/2"	OBJECT MARKER ASSEMBLY TYPE III (EACH)	REMOVAL OF SIGN AND U-CHANNEL POST (EACH)	REMOVAL OF SIGN FACES (EACH)	
				LENGTH (IN.)	HEIGHT (IN.)						
				HORZ.	VERT.						
STA. ALONG SOELL DR											
99+87	LT.	STOP SIGN	R1-1	30	30	6.25				1	
99+88	LT.	LEFT/RIGHT ARROW	W1-7	48	24	8				1	
100+10	RT.	STOP SIGN	R1-1	30	30	6.25				1	
100+16	RT.	TSC SOELL/SIXTH	D3-1/D3-1	VARIES/VARIES	8/8	4				2	
100+29	LT.	STOP SIGN	R1-1	30	30	6.25				1	
100+54	RT.	NO THRU TRUCKS	R5-2b	18	24	3				1	
102+40	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
112+85	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
115+76	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
116+06	LT. & RT.	OBJECT MARKER ASSEMBLY	OM3	-	-	0		2			
116+43	LT. & RT.	OBJECT MARKER ASSEMBLY	OM3	-	-	0		2			
117+76	RT.	TSC STOP/JENKINS	R1-1/D3-1	30/VARIES	30/8	8.25				2	
122+33	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
124+36	RT.	STOP SIGN	R1-1	30	30	6.25				1	
125+07	RT.	TSC STOP/MIRE/SOELL	R1-1/D3-1/D3-1	30/VARIES/VARIES	30/8/8	10.25				3	
125+14	LT.	STOP SIGN	R1-1	30	30	6.25				1	
126+58	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
133+84	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0		1			
136+01	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				2	
137+34	RT.	SOELL/CASRIL	D3-1/D3-1	VARIES/VARIES	8/8	4				2	
137+72	RT.	STOP SIGN	R1-1	30	30	6.25				1	
138+93	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6		1			
143+44	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
149+23	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
150+58	RT.	STOP/SOELL/PARKER	R1-1/D3-1/D3-1	30/VARIES/VARIES	30/8/8	10.25				3	
151+46	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
153+13	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
153+84	LT.	STOP SIGN	R1-1	30	30	6.25				1	
154+09	LT.	ELEVENTH AVE	D3-1	VARIES	8	2				1	
155+16	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
155+65	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
160+50	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
160+88	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
163+24	RT.	STOP/SOELL/HUNT	R1-1/D3-1/D3-1	30/VARIES/VARIES	30/8/8	10.25				1	
164+40	RT.	NO DUMPING	R5-2b	18	24	3				1	
165+39	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
169+09	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
173+72	RT.	RIGHT TURN/ADVISORY SPEED 20	W1-1R/W13-1P	30/18	30/18	8.5				1	
173+81	RT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
173+93	RT.	RIGHT TURN/ADVISORY SPEED 20	W1-1R/W13-1P	-	-	0			1		
174+71	LT.	SB CHEVRON	W1-8	18	24	3				1	
175+04	LT.	CHEVRONS	W1-8	-	-	0				1	
175+08	LT.	2-WAY CHEVRON	W1-8	18	24	3				1	
175+15	LT.	LEFT ARROW	W1-6L	-	-	0			1		
175+23	LT.	RIGHT ARROW	W1-6R	48	24	8				1	
175+25	LT.	CHEVRONS	W1-8	-	-	0			1		
175+28	LT.	LEFT ARROW	W1-6L	48	24	8				1	
175+44	LT.	2-WAY CHEVRON	W1-8	18	24	3				1	
175+47	LT.	CHEVRONS	W1-8	-	-	0			1		
175+71	LT.	CHEVRONS	W1-8	-	-	0			1		
175+83	LT.	NB CHEVRON	W1-8	18	24	3				1	
176+69	LT.	LEFT TURN/ADVISORY SPEED 20	W1-1L/W13-1P	30/18	30/18	8.5				2	
180+01	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	-	-	0			1		
181+47	LT.	SPEED LIMIT 25/CAP	R2-1/CAP	18/18	24/24	6				1	
181+77	LT.	NO THRU TRUCKS	R5-2b	18	24	3				1	
182+16	RT.	STOP SIGN	R1-1	30	30	6.25				1	
GENERAL TOTAL							245	17	4	13	37



10-21-2024

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org



Project No. _____
Date 10/15/2024
Scale NTS
Drawn By JES

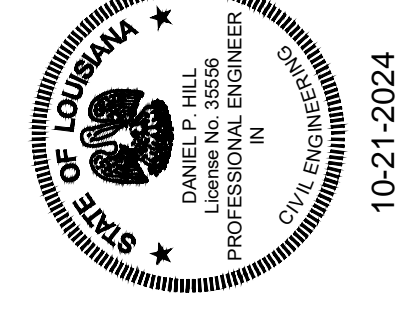
SOELL DR
SUMMARY SHEETS

Rev. No.	Date	Description

SOELL DR

SUMMARY OF ESTIMATED QUANTITIES

Item	Description	Unit	Quantity
GENERAL ITEMS			
201-01-00200	Clearing and Grubbing (Selective)	LUMP	1
202-01-00100	Removal of Structures and Obstructions	LUMP	1
202-02-02000	Removal of Asphalt Drives	SQYD	177
202-02-03030	Removal of Pavement Structure	SQYD	1,555.9
202-02-06100	Removal of Concrete Walks and Drives	SQYD	25
202-02-32100	Removal of Pipe (Cross Drain)	LNFT	121
202-02-32120	Removal of Pipe (Side Drain)	LNFT	339
202-02-38300	Removal of Sign and U-Channel Post	EACH	13
202-02-38360	Removal of Sign Faces	EACH	37
203-01-00100	General Excavation	CUYD	645
203-03-00100	Embankment	CUYD	659
203-10-00100	Cleaning Existing Ditches	LNFT	891
204-02-00100	Temporary Hay or Straw Bales	EACH	25
204-06-00100	Temporary Silt Fencing	LNFT	800
302-01-00300	Class II Base Course (Crushed Stone)	CUYD	359.0
401-02-00100	Aggregate Surface Course (Adjusted Vehicular Measurement)	CUYD	1.5
402-01-00100	Mainline Traffic Maintenance Surfacing (Aggregate) (Vehicular Measurement)	CUYD	11.1
402-03-00100	Non-Mainline Traffic Maintenance Surfacing (Aggregate) (Vehicular Measurement)	CUYD	67.5
502-01-00100	Asphalt Concrete	TON	2,148.5
502-01-00200	Asphalt Concrete, Drives, Turnouts and Miscellaneous	TON	519
509-01-00100	Milling Asphalt Pavement	SQYD	16,951
510-01-00200	Pavement Patching (12" Minimum Thickness)	SQYD	575.4
701-01-01021	Cross Drain Pipe (30" RCP)	LNFT	29
701-05-01049	Side Drain Pipe (18" RCP/RPVC/CPEPDW/CPPPDW)	LNFT	361
701-05-01068	Side Drain Pipe (24" RCP/RPVC/CPEPDW/CPPPDW)	LNFT	162
701-05-01086	Side Drain Pipe (30" RCP/RPVC/CPEPDW/CPPPDW/CPPPTW)	LNFT	76
702-03-00100	Catch Basins (CB-01)	EACH	1
702-03-00200	Catch Basins (CB-02)	EACH	1
706-02-00200	Concrete Drive (6" Thick)	SQYD	23
713-01-00100	Temporary Signs and Barricades	LUMP	1
717-01-00100	Seeding	LB	25
718-01-00100	Fertilizer	LB	574
720-01-02000	Erosion Control System, Flexible (Channel Liner) (Type C)	SQYD	2,778
726-01-00100	Bedding Material	CUYD	132.5
727-01-00100	Mobilization	LUMP	1
729-01-00102	Sign (Type A)(Furnish and Install)	SQFT	245
729-16-00300	Object Marker Assembly (Type 3)	EACH	4
729-21-00100	U-Channel Post	EACH	17
731-02-00100	ReflectORIZED Raised Pavement Markers	EACH	420
732-01-02080	Plastic Pavement Striping (24" Width) (Thermoplastic 125 mil)	LNFT	43
732-02-02000	Plastic Pavement Striping (Solid Line) (4" Width) (Thermoplastic 90 mil)	MILE	3.11
740-01-00100	Construction Layout	LUMP	1
805-15-00700	Reinforced Concrete Box Culverts (Precast) (6' x 5')	LNFT	84
805-17-00100	Reinforced Concrete Box Culvert Headwall (11.88 Cu. Yd. Concrete) (1,051 LB. Steel)	EACH	2
NS-001	Speed Table	EACH	7
NS-500-00340	Saw Cutting Asphalt Concrete Pavement	INLF	552



St. Tammany Parish
 Department of Engineering
 P. O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

Project No. _____
 Date 10/15/2024
 Scale NTS
 Drawn By JPC
 Sheet 32

Rev. No.	Date	Description

SOELL DR
 SUMMARY SHEETS

HELENBERG RD

ASPHALT CONCRETE DRIVES, TURNOUTS, AND MISC.				
STATION	SIDE OF C/L		DESCRIPTION	TONS
	BEGIN	END		
STA. ALONG HELENBERG RD				
10+31	10+65	LT. & RT.	US 190 S. RD	22.4
39+05	39+76	LT.	SLEMMER RD	11.2
39+67	40+04	RT.	COVINGTON MEADOW CIR	1.8
55+74	56+28	LT.	3RD AVE	10.0
55+78	56+24	RT.	3RD AVE	4.7
66+58	66+93	LT.	4TH AVE	4.4
66+53	67+05	RT.	4TH AVE	6.8
77+55	77+92	LT.	5TH AVE	8.5
77+52	77+80	RT.	5TH AVE	2.8
80+45	80+84	LT.	APRIL CT	5.1
81+30	81+74	RT.	EASTON CT	5.8
83+45	83+82	LT.	DIONE CT	5.0
84+80	85+20	RT.	SANDY CT	5.2
88+05	88+84	LT.	6TH AVE	19.2
88+11	88+74	RT.	6TH AVE	10.8
91+62	92+19	LT.	SHERRY ST	11.4
95+71	96+10	RT.	DIANNA CT	4.4
95+73	96+09	LT.	MICHAEL CT	8.0
99+67	100+02	RT.	JOYCE CT	4.2
ADD'L QTY FOR DRIVES LT. & RT. DRIVES (48)				105.6
GENERAL TOTAL				257.3

MILLING ASPHALT				
STATION	SIDE OF C/L		DESCRIPTION	2" MILL (SQ. YDS)
	BEGIN	END		
STA. ALONG HELENBERG RD				
10+31	10+65	L/R	US 190 S. RD	203.3
10+65	110+00	L/R	EXISTING ROADWAY	26,957.0
39+05	39+76	L	SLEMMER RD	101.7
39+67	40+04	R	COVINGTON MEADOW CIR	16.1
55+74	56+28	L	3RD AVE	90.5
55+78	56+24	R	3RD AVE	43.1
66+58	66+93	L	4TH AVE	39.7
66+53	67+05	R	4TH AVE	62.0
77+55	77+92	L	5TH AVE	76.9
77+52	77+80	R	5TH AVE	25.1
80+45	80+84	L	APRIL CT	46.7
81+30	81+74	R	EASTON CT	52.4
83+45	83+82	L	DIONE CT	45.9
84+80	85+20	R	SANDY CT	47.4
88+05	88+84	L	6TH AVE	126.8
88+11	88+74	R	6TH AVE	97.9
91+62	92+19	L	SHERRY ST	103.5
95+71	96+10	R	DIANNA CT	40.0
95+73	96+09	L	MICHAEL CT	40.3
99+67	100+02	R	JOYCE CT	37.8
ADD'L QTY FOR DRIVES LT. & RT. DRIVES (24)				480
GENERAL TOTAL				28,734

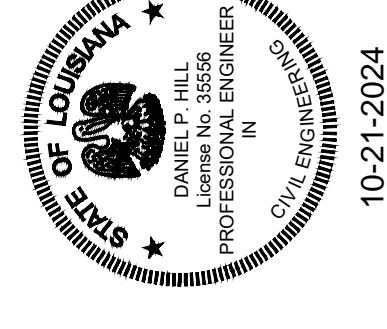
ASPHALT CONCRETE					
STATION	SIDE OF C/L		LENGTH (FEET)	AVG. WIDTH (FEET)	2" ASPHALT CONCRETE (WEARING COURSE) (TONS)
	BEGIN	END			
STA. ALONG HELENBERG RD					
10+65	110+00	LT. & RT.	9,935	24.4	26,934.9
GENERAL TOTAL					2,962.8

CONCRETE DRIVES						
STATION	END	SIDE OF C/L	DESCRIPTION	LENGTH (FEET)	AVG. WIDTH (FEET)	CONCRETE DRIVE (8" THICK) (SQ YD)
STA. ALONG HELENBERG RD						
15+50	16+60	LT.	COMMERCIAL DRIVE	110	14	172
GENERAL TOTAL						172

SAW CUTTING CONCRETE PAVEMENT				
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (INCHES)	IN-FT
STA. ALONG HELENBERG RD				
15+76	16+42	LT.	66	528
GENERAL TOTAL				528

NONPLASTIC EMBANKMENT					
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	WIDTH (FEET)	CUYD (18" DEPTH)
STA. ALONG HELENBERG RD					
88+04	88+23	LT.	19	4	4.2
88+23	88+31	LT.	8	16	7.1
88+53	88+65	LT.	12	16	10.7
88+65	88+82	LT.	17	6	5.7
95+75	95+80	LT.	5	7	1.9
96+00	96+05	LT.	5	7	1.9
GENERAL TOTAL					31.6

PAVEMENT PATCHING				
SIZE	LT. OF C/L	RT. OF C/L	PAVEMENT PATCHING (12" MINIMUM THICKNESS) (SQ. YD)	
16.1 - 48.0 SQ. YDS.	4	4	192.5	
≥ 48.1 SQ. YDS.	-	2	214.6	
CROSS DRAIN REPLACEMENT			50.6	
ADDITIONAL QUANTITY			42.3	
GENERAL TOTAL			500	



Rev. No.	Date	Description

HELENBURG RD

PAVEMENT MARKINGS									
STA	END	SIDE OF C/L	DESCRIPTION	REFLECTORIZED RAISED PAVEMENT MARKERS		PLASTIC PAVEMENT STRIPING (4" SOLID LINE)		PLASTIC PAVEMENT STRIPING (24" SOLID LINE)	
				EACH	2-WAY YELLOW	WHITE	YELLOW	LNFT	WHITE
STA. ALONG HELENBURG RD									
10+59		LT.	STOP BAR AT 190 S. RD						13
10+59	110+00	LT. & RT.	ENTIRE ROADWAY	510	3.8	3.8			
88+30	88+44	LT.	STOP BAR (SIXTH AVE)					14	
88+44	88+59	RT.	STOP BAR (SIXTH AVE)					15	
GENERAL TOTAL				510		7.6		42	

SEEDING, FERTILIZER AND EROSION CONTROL SYSTEM								
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	WIDTH (FEET)	AREA (ACRE)	SEEDING (LBS)	FERTILIZER (LBS)	Erosion Control System (Type A) (SQYD)
STA. ALONG HELENBURG RD								
11+25	11+63	LT.	38	10	0.009	0.4	9	43.6
11+73	12+34	LT.	61	10	0.015	0.7	15	72.6
12+44	13+06	LT.	62	10	0.015	0.7	15	72.6
13+16	13+78	LT.	62	10	0.015	0.7	15	72.6
13+88	14+49	LT.	61	10	0.015	0.7	15	72.6
14+59	15+40	LT.	81	10	0.019	0.9	19	92
16+80	17+42	LT.	62	10	0.015	0.7	15	72.6
17+52	18+14	LT.	62	10	0.015	0.7	15	72.6
18+24	18+75	LT.	51	10	0.012	0.5	12	58.1
18+87	18+98	LT.	11	10	0.003	0.1	3	14.5
GENERAL TOTAL					0.14	6.1	133	644

DRAINAGE EXCAVATION				
BEGIN STATION	END STATION	SIDE OF C/L	ESTIMATED CUVD*	LNFT
STA. ALONG HELENBURG RD				
18+97	19+38	LT.	4	41
87+16	87+96	LT.	3	80
88+84	89+53	LT.	3	69
STA. ALONG SIXTH AVE				
12+05	12+27	LT.	3	22
GENERAL TOTAL			13	212

*FOR INFORMATION PURPOSES ONLY

SLAB SODDING						
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	WIDTH (FEET)	SOD (SQYD)	
STA. ALONG HELENBURG RD						
11+17	11+25	LT.	8	10	8.9	
11+63	11+73	LT.	10	10	11.1	
12+34	12+44	LT.	10	10	11.1	
13+06	13+16	LT.	10	10	11.1	
13+78	13+88	LT.	10	10	11.1	
14+49	14+59	LT.	10	10	11.1	
15+40	15+59	LT.	19	10	21.1	
16+60	16+80	LT.	20	10	22.2	
17+42	17+52	LT.	10	10	11.1	
18+14	18+24	LT.	10	10	11.1	
87+92	88+11	LT.	19	14	29.6	
88+11	88+28	LT.	17	35	66.1	
88+53	88+67	LT.	14	40	62.2	
88+67	88+86	LT.	19	13	27.4	
ADD'L QUANTITY					84.7	
GENERAL TOTAL					400	

REMOVAL OF DRAINAGE STRUCTURES			
STATION	Description	SIDE OF C/L	Side Drain Pipe (LNFT) / Cross Drain Pipe (LNFT)
STA. ALONG HELENBURG RD			
11+66	15" RCPA	LT. & RT.	33
14+53	15" RCPA	LT. & RT.	33
16+10	18" RCPA	LT.	114
18+81	24" RCP	LT.	17
88+24	18" RCP	LT.	8
GENERAL TOTAL			131

REMOVAL OF STRUCTURES AND OBSTRUCTIONS		
STATION	DESCRIPTION	SIDE OF C/L
STA. ALONG HELENBURG RD		
11+23	CONCRETE HEADWALL	LT.



Rev. No.	Date
Description	

HELENBIRG RD

SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	QUANTITY	UNITS
202-02-06100	REMOVAL OF CONCRETE WALKS AND DRIVES		172	SQYD
202-02-32100	REMOVAL OF PIPE	(GROSS DRAIN)	66	LNFT
202-02-32120	REMOVAL OF PIPE	(SIDE DRAIN)	131	LNFT
202-02-32180	REMOVAL OF PIPE HEADWALLS		1	EACH
202-02-38200	REMOVAL OF SIGNS		59	EACH
202-02-38300	REMOVAL OF SIGN AND U-CHANNEL POST		24	EACH
203-04-00100	NONPLASTIC EMBANKMENT		31.6	CUYD
203-06-00100	EXCAVATION AND EMBANKMENT		212	LNFT
502-01-00100	ASPHALT CONCRETE		2962.8	TON
502-01-00200	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS		257.3	TON
509-01-00100	MILLING ASPHALT PAVEMENT		28593	SQYD
510-01-00200	PAVEMENT PATCHING	(12" MINIMUM THICKNESS)	500	SQYD
701-04-01000	STORM DRAIN PIPE ARCH	(15" EQUIV. RCPA)	142	LNFT
701-05-01049	SIDE DRAIN PIPE	(18" RCP/RPVC/CPEDW//CPPPDW)	142	LNFT
702-03-00100	CATCH BASINS	(CB-01)	13	EACH
702-03-00200	CATCH BASINS	(CB-02)	1	EACH
702-04-00150	ADJUSTING MANHOLES W/MANHOLE ADJUSTMENT RINGS		2	EACH
702-04-00210	CONVERT CATCH BASINS TO MANHOLES		2	EACH
706-02-00300	CONCRETE DRIVE	(8" THICK)	172	SQYD
713-01-00100	TEMPORARY SIGNS AND BARRICADES		1	LUMP
714-01-00700	SLAB SODDING	(CENTIPEDE)	400	SQYD
717-01-00100	SEEDING		6.1	LB
718-01-00100	FERTILIZER		133	LB
720-01-01000	EROSION CONTROL SYSTEM	(SLOPE PROTECTION) (TYPE A)	644	SQYD
726-01-00100	BEDDING MATERIAL		114.9	CUYD
727-01-00100	MOBILIZATION		1	LUMP
729-01-00102	SIGN	(TYPE A)(FURNISH AND INSTALL)	348.79	SQFT
729-21-00100	U-CHANNEL POST		27	EACH
731-02-00100	REFLECTORIZED RAISED PAVEMENT MARKERS		510	EACH
732-01-02080	PLASTIC PAVEMENT STRIPING	(24" WIDTH) (THERMOPLASTIC 125 MIL)	42	LNFT
732-02-02000	PLASTIC PAVEMENT STRIPING	(SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	7.6	MILE
740-01-00100	CONSTRUCTION LAYOUT		1	LUMP
NS-600-00220	SAW CUTTING PORTLAND CEMENT CONCRETE PAVEMENT		528	INLF



Rev. No.	Date	Description

MIRE DR

ASPHALT CONCRETE						
STATION	END	SIDE OF C/L	LENGTH (FEET)	AVG. WIDTH (FEET)	SQ. YDS	2" ASPHALT CONCRETE (WEARING COURSE) (TONS)
STA. ALONG MIRE DR						
10+62	54+30	LT. & RT.	4368	20	9706.7	1067.7
54+30	55+89	LT. & RT.	159	30	530	58.3
GENERAL TOTAL						1067.7

MILLING ASPHALT					
STATION	END	SIDE OF C/L	DESCRIPTION	2" MILL (SQ. YDS)	
APPROX. STA. ALONG MIRE DR					
10+25	10+62	LT. & RT.	SOELL DR TURNOUT	183	
10+62	54+30	LT. & RT.	EXISTING ROADWAY	9707	
54+30	55+89	LT. & RT.	EXISTING ROADWAY W/ TURN LANE	530	
55+89	56+25	RT.	LA 59 TURNOUT	212	
ADD'L QTY FOR DRIVES				1000	
GENERAL TOTAL					11632

REMOVAL OF ASPHALT DRIVES					
STATION	END	SIDE OF C/L	DESCRIPTION	SQ. YDS.	
APPROX. STA. ALONG MIRE DR					
34+22	LT.		RESIDENTIAL DRIVE (ADDRESS 21315)	36	
37+56	LT.		RESIDENTIAL DRIVE (ADDRESS 21347)	16.4	
39+60	LT.		RESIDENTIAL DRIVE (ADDRESS 21353)	12.5	
48+40	RT.		RESIDENTIAL DRIVE (ADDRESS 21458)	16.1	
49+11	RT.		RESIDENTIAL DRIVE (VFW ADDRESS 21470)	31.9	
53+17	RT.		COMMERCIAL DRIVE (ADDRESS 21504)	47	
GENERAL TOTAL					160

PAVEMENT PATCHING						
STATION	END	SIDE OF C/L	LENGTH (FEET)	AVG. WIDTH (FEET)	PAVEMENT PATCHING (12" MINIMUM THICKNESS) (SQ. YD)	PAVEMENT PATCHING (18" MINIMUM THICKNESS) (SQ. YD)
STA. ALONG MIRE DR						
10+66	12+93	RT.	227	3	75.7	
13+18	13+98	RT.	80	3	26.7	
14+20	14+30	LT. & RT.	10	20	22.3	
14+30	14+99	RT.	69	3	23	
APPROX. STA. ALONG MIRE DR						
16+53	17+65	RT.	112	3	37	
20+47	20+91	LT. & RT.	44	20		98
38+13	38+20	LT. & RT.	7	20	16	
ADD'L QUANTITY					100	
GENERAL TOTAL						301

SLAB SODDING						
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	WIDTH (FEET)	SOD (SQYD)	
STA. ALONG MIRE DR						
10+57	10+67	RT.	10	10	11.1	
11+28	11+38	RT.	10	10	11.1	
12+00	12+10	RT.	10	10	11.1	
12+73	12+83	RT.	10	10	11.1	
13+45	13+55	RT.	10	10	11.1	
14+25	14+35	RT.	10	10	11.1	
ADD'L QUANTITY					133.3	
GENERAL TOTAL						200

ASPHALT CONCRETE DRIVES, TURNOUTS, AND MISC.					
STATION	END	SIDE OF C/L	DESCRIPTION	TONS	
STA. ALONG MIRE DR					
10+25	10+62	LT. & RT.	SOELL DR TURNOUT	20.1	
55+89	56+25	LT.	LA HWY 59 TURNOUT	23.3	
APPROX. STA. ALONG MIRE DR					
34+22	LT.		RESIDENTIAL DRIVE (ADDRESS 21315)	4.0	
37+56	LT.		RESIDENTIAL DRIVE (ADDRESS 21347)	1.8	
39+60	LT.		RESIDENTIAL DRIVE (ADDRESS 21353)	1.4	
48+40	RT.		RESIDENTIAL DRIVE (ADDRESS 21458)	1.8	
49+11	RT.		RESIDENTIAL DRIVE (VFW ADDRESS 21470)	3.5	
53+17	RT.		COMMERCIAL DRIVE (ADDRESS 21504)	5.2	
ADD'L QTY FOR DRIVES				95.3	
GENERAL TOTAL					156.4

SPEED TABLES*

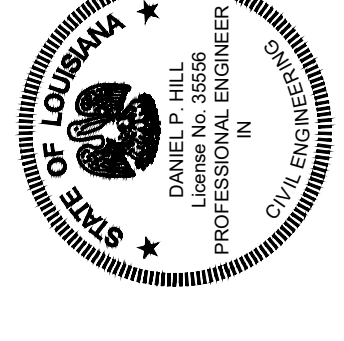
STATION	SIDE OF C/L	ASPHALT SPEED TABLES				SIGNAGE								
		SPEED TABLE AHEAD		SPEED TABLE		SPEED PLAQUE 25		TYPE "A" (F&I) (SQ. FT)						
		LENGTH (FT)	WIDTH (FT)	ASPHALT (TONS)	PAVEMENT MARKINGS	HORIZ. (IN)	VERT. (IN)	QUANT.	HORIZ. (IN)	VERT. (IN)	QUANT.	TYPE "A" (F&I) (SQ. FT)		
STA. ALONG MIRE DR														
13+53	LT. & RT.	22	18	0.5	101	30	1	30	30	2	18	18	2	23.25
23+03	LT. & RT.	22	18	0.5	101	30		30	30	2	18	18	2	17
32+53	LT. & RT.	22	18	0.5	101	30		30	30	2	18	18	2	17
41+68	LT. & RT.	22	18	0.5	101	30		30	30	2	18	18	2	17
51+54	LT. & RT.	22	18	0.5	101	30	1	30	30	2	18	18	2	23.25
GENERAL TOTAL														97.5

*FOR INFORMATION PURPOSES ONLY

REMOVAL OF CONCRETE DRIVES						
STATION	END	SIDE OF C/L	DESCRIPTION	LENGTH (FEET)	AVG. WIDTH (FEET)	CONCRETE DRIVE (8" THICK) (SQ. YD)
APPROX. STA. ALONG MIRE DR						
46+41	46+63	LT.	RESIDENTIAL DRIVE	22	9	22
54+81	55+13	LT.	COMMERCIAL DRIVE	32	11	40
GENERAL TOTAL						62

CONCRETE DRIVES						
STATION	END	SIDE OF C/L	DESCRIPTION	LENGTH (FEET)	AVG. WIDTH (FEET)	CONCRETE DRIVE (8" THICK) (SQ. YD)
APPROX. STA. ALONG MIRE DR						
46+41	46+63	LT.	RESIDENTIAL DRIVE	22	9	22
54+81	55+13	LT.	COMMERCIAL DRIVE	32	11	40
GENERAL TOTAL						62

SAW CUTTING CONCRETE PAVEMENT					
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH	DEPTH (INCHES)	IN-FT
APPROX. STA. ALONG MIRE DR					
46+41	46+63	LT.	22	8	176
54+81	55+13	LT.	32	8	256
GENERAL TOTAL					432



10-21-2024



MIRE DR

SEEDING, FERTILIZER AND EROSION CONTROL SYSTEM							
BEGIN STATION	END STATION	SIDE OF C/L	LENGTH (FEET)	WIDTH (FEET)	AREA (ACRE)	SEEDING (LBS)	
						FERTILIZER (LBS)	Erosion Control System (Type A) (SQYD)
10+38	10+57	RT.	19	10	0.005	0.2	5
10+67	11+28	RT.	62	10	0.015	0.7	15
11+38	12+00	RT.	62	10	0.015	0.7	15
12+10	12+73	RT.	63	10	0.015	0.7	15
12+83	13+45	RT.	63	10	0.015	0.7	15
13+55	14+25	RT.	71	10	0.017	0.8	17
14+35	14+62	RT.	27	10	0.007	0.3	7
GENERAL TOTAL						4.1	89

REMOVAL OF DRAINAGE STRUCTURES			
STATION	DESCRIPTION	SIDE OF C/L	CROSS DRAIN PIPE (LNFT)
STA. ALONG MIRE DR			
11+61	HDPE, 18" x 21 ft.	RT.	21
14+06	CMP, 18" x 30 ft.	RT.	30
APPROX. STA. ALONG MIRE DR			
34+22	ADDRESS 21315	LT.	32
36+25	ADDRESS 21331	LT.	24
37+56	ADDRESS 21347	LT.	24
38+17	BEFORE ADDRESS 21303	LT. & RT.	32
39+60	ADDRESS 21353	LT.	24
46+52	ADDRESS 21437	LT.	24
48+40	ADDRESS 21458	RT.	24
49+11	VFW ADDRESS 21470	RT.	40
53+17	ADDRESS 21504	RT.	40
GENERAL TOTAL			283

PAVEMENT MARKINGS

STA	REFLECTORIZED RAISED PAVEMENT MARKERS	PLASTIC PAVEMENT STRIPING (4" SOLID LINE)		PLASTIC PAVEMENT STRIPING (8" DOTTED LINE)		PLASTIC PAVEMENT STRIPING (8" SOLID LINE)		PLASTIC PAVEMENT STRIPING (24" SOLID LINE)		PLASTIC PAVEMENT LEGENDS AND SYMBOLS		
		2-WAY YELLOW	RED/WHITE	MILE	YELLOW	WHITE	LNFT	WHITE	LNFT	WHITE	LNFT	ARROW LEFT
STA. ALONG MIRE DR												
10+54							1.7					
54+08	228			0.02			0.04				13	
55+00	5			0.06			0.04	0.01		0.012	24	1
56+36	26											1
SUBTOTAL												
	233			0.08			1.78	0.01		0.012	37	1
GENERAL TOTAL												
	259			1.86			0.01	0.01		0.012	37	1

SIGNAGE

STATION	SIDE OF C/L	DESCRIPTION	SIGN CATALOG NUMBER	SIGN SIZE		SIGN (SQ FT)	SUPPORTS	REMOVAL OF SIGN AND U-CHANNEL POST (EACH)	REMOVAL OF SIGN FACES (EACH)	
				LENGTH (IN.)	HEIGHT (IN.)					
STA. ALONG MIRE DR										
10+91	RT.	SL 25	R2-1	18	24	3	1			
13+69	RT.	SL 25/CAP	R2-1/CAP	-	-			1		
18+29	LT.	SL 25	R2-1	-	-					
20+48	LT. & RT.	OBJECT MARKER TYPE III	OM3					2	1	
20+86	LT. & RT.	OBJECT MARKER TYPE III	OM3					2	1	
22+68	LT. & RT.	OBJECT MARKER TYPE III	OM3					4	1	
23+88	LT. & RT.	OBJECT MARKER TYPE III	OM3					4	1	
24+41	LT. & RT.	OBJECT MARKER TYPE III	OM3					4	1	
26+15	LT. & RT.	OBJECT MARKER TYPE III	OM3					4	1	
27+78	RT.	SL 25	R2-1	18	24	3	1			
37+11	LT.	SL 25	R2-1	18	24	3	1			
46+43	RT.	SL 25	R2-1	18	24	3	1			
55+33	LT.	SL 25/NO THRU TRUCKS	R2-1	18	24	3			2	
56+02	RT.	STOP SIGN/MIRE	R1-1/D3-1	30/VARIES	30/8	8.25			2	
GENERAL TOTAL							4	20	1	11



St. Tammany Parish
 Department of Engineering
 P.O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

Project No. _____
 Date 10/15/2024
 Scale NTS
 Drawn By JES

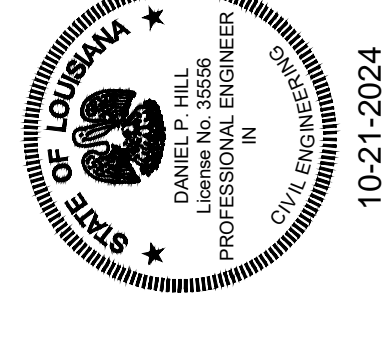
Rev. No.	Date	Description

MIRE DR
 SUMMARY SHEETS

MIRE DR

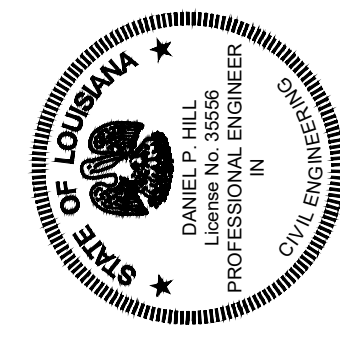
SUMMARY OF ESTIMATED QUANTITIES

ITEM	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	QUANTITY	UNITS
202-02-02000	REMOVAL OF ASPHALT DRIVES		160	SOYD
202-02-06100	REMOVAL OF CONCRETE WALKS AND DRIVES		62	SOYD
202-02-32100	REMOVAL OF PIPE	(GROSS DRAIN)	32	LNFT
202-02-32120	REMOVAL OF PIPE	(SIDE DRAIN)	283	LNFT
202-02-38300	REMOVAL OF SIGN AND U-CHANNEL POST		1	EACH
202-02-38360	REMOVAL OF SIGN FACES		11	EACH
502-01-00100	ASPHALT CONCRETE		1067.7	TON
502-01-00200	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS		156.4	TON
509-01-00100	MILLING ASPHALT PAVEMENT		11632	SOYD
510-01-00200	PAVEMENT PATCHING	(12" MINIMUM THICKNESS)	300.7	SOYD
510-01-00300	PAVEMENT PATCHING	(18" MINIMUM THICKNESS)	97.8	SOYD
701-02-01020	CROSS DRAIN PIPE ARCH	(30" EQUIV. RCPA)	32	LNFT
701-04-01020	STORM DRAIN PIPE ARCH	(18" EQUIV. RCPA)	208	LNFT
701-04-01040	STORM DRAIN PIPE ARCH	(24" EQUIV. RCPA)	24	LNFT
701-05-01049	SIDE DRAIN PIPE	(18" RCP/RPVC/CPEDW/CPPDW)	400	LNFT
702-03-00100	CATCH BASINS	(CB-01)	6	EACH
706-02-00300	CONCRETE DRIVE	(8" THICK)	62	SOYD
713-01-00100	TEMPORARY SIGNS AND BARRICADES		1	LUMP
714-01-00700	SLAB SODDING	(CENTIPEDE)	200	SOYD
717-01-00100	SEEDING		4.1	LB
718-01-00100	FERTILIZER		89	LB
720-01-01000	EROSION CONTROL SYSTEM	(SLOPE PROTECTION) (TYPE A)	431	SOYD
726-01-00100	BEDDING MATERIAL		76	CUYD
727-01-00100	MOBILIZATION		1	LUMP
729-01-00102	SIGN	(TYPE A)(FURNISH AND INSTALL)	23.25	SOFT
729-21-00100	U-CHANNEL POST		4	EACH
729-16-00300	OBJECT MARKER ASSEMBLY	(TYPE 3)	20	EACH
731-02-00100	REFLECTORIZED RAISED PAVEMENT MARKERS		259	EACH
732-01-02080	PLASTIC PAVEMENT STRIPING	(24" WIDTH) (THERMOPLASTIC 125 MIL)	37	LNFT
732-02-02000	PLASTIC PAVEMENT STRIPING	(SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	1.86	MILE
732-02-02040	PLASTIC PAVEMENT STRIPING	(SOLID LINE) (8" WIDTH) (THERMOPLASTIC 90 MIL)	0.012	MILE
732-03-02030	PLASTIC PAVEMENT STRIPING	(DOTTED LINE)(8" W)(2' L)(THERMO 90 MIL)	0.01	MILE
732-04-01080	PLASTIC PAVEMENT LEGENDS AND SYMBOLS	(ARROW - LEFT TURN)	1	EACH
732-04-01100	PLASTIC PAVEMENT LEGENDS AND SYMBOLS	(ARROW - RIGHT TURN)	1	EACH
740-01-00100	CONSTRUCTION LAYOUT		1	LUMP
NS-001	SPEED TABLE		5	EACH
NS-600-00220	SAW CUTTING PORTLAND CEMENT CONCRETE PAVEMENT		432	INLF



Rev. No.	Date	Description

ITEM	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	UNITS	QUANTITIES			TOTAL
				SOELL DR/SOELL DR DRAINAGE	HELENBURG RD	MIRE DR	
201-01-00200	CLEARING AND GRUBBING	(SELECTIVE)	LUMP	1	0	0	1
202-01-00100	REMOVAL OF STRUCTURES AND OBSTRUCTIONS		LUMP	1	0	0	1
202-02-02000	REMOVAL OF ASPHALT DRIVES		SOYD	177	0	159.9	336.9
202-02-03030	REMOVAL OF PAVEMENT STRUCTURE		SOYD	1555.9	0	0	1555.9
202-02-06100	REMOVAL OF CONCRETE WALKS AND DRIVES		SOYD	25	172	62	259
202-02-32100	REMOVAL OF PIPE	(CROSS DRAIN)	LNFT	121	74	32	227
202-02-32120	REMOVAL OF PIPE	(SIDE DRAIN)	LNFT	339	131	283	753
202-02-32180	REMOVAL OF PIPE HEADWALLS		EACH	0	1	0	1
202-02-38200	REMOVAL OF SIGNS		EACH	0	59	0	59
202-02-38300	REMOVAL OF SIGN AND U-CHANNEL POST		EACH	13	24	1	38
202-02-38360	REMOVAL OF SIGN FACES		EACH	37	0	11	48
203-01-00100	GENERAL EXCAVATION		CUYD	645	0	0	645
203-03-00100	EMBANKMENT		CUYD	659	0	0	659
203-04-00100	NONPLASTIC EMBANKMENT		CUYD	0	31.6	0	31.6
203-06-00100	EXCAVATION AND EMBANKMENT		LNFT	0	212	0	212
203-10-00100	CLEANING EXISTING DITCHES		LNFT	891	0	0	891
204-02-00100	TEMPORARY HAY OR STRAW BALES		EACH	25	0	0	25
204-06-00100	TEMPORARY SILT FENCING		LNFT	800	0	0	800
302-01-00300	CLASS II BASE COURSE	(CRUSHED STONE)	CUYD	359	0	0	359
401-02-00100	AGGREGATE SURFACE COURSE	(ADJUSTED VEHICULAR MEASUREMENT)	CUYD	15	0	0	15
402-01-00100	MAINLINE TRAFFIC MAINTENANCE SURFACING	(AGGREGATE) (VEHICULAR MEASUREMENT)	CUYD	11.1	0	0	11.1
402-03-00100	NON-MAINLINE TRAFFIC MAINTENANCE SURFACING	(AGGREGATE) (VEHICULAR MEASUREMENT)	CUYD	67.5	0	0	67.5
502-01-00100	ASPHALT CONCRETE		TON	2148.5	2962.8	1067.7	6179
502-01-00200	ASPHALT CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS		TON	519	257.3	156.4	932.7
509-01-00100	MILLING ASPHALT PAVEMENT		SOYD	16951	28734.1	11632	57317.1
510-01-00200	PAVEMENT PATCHING	(12" MINIMUM THICKNESS)	SOYD	575.4	500	300.7	1376.1
510-01-00300	PAVEMENT PATCHING	(18" MINIMUM THICKNESS)	SOYD	0	0	97.8	97.8
701-01-01021	CROSS DRAIN PIPE	(30" RCP)	LNFT	29	0	0	29
701-02-01020	CROSS DRAIN PIPE ARCH	(30" EQUIV. RCPA)	LNFT	0	0	32	32
701-04-01000	STORM DRAIN PIPE ARCH	(15" EQUIV. RCPA)	LNFT	0	142	0	142
701-04-01020	STORM DRAIN PIPE ARCH	(18" EQUIV. RCPA)	LNFT	0	208	0	208
701-04-01040	STORM DRAIN PIPE ARCH	(24" EQUIV. RCPA)	LNFT	0	0	24	24
701-05-01049	SIDE DRAIN PIPE	(18" RCP/RPVC/CPEPDW/CPPDDW)	LNFT	361	142	400	903
701-05-01068	SIDE DRAIN PIPE	(24" RCP/RPVC/CPEPDW/CPPDDW)	LNFT	162	0	0	162
701-05-01086	SIDE DRAIN PIPE	(30" RCP/RPVC/CPEPDW/CPPPTW)	LNFT	76	0	0	76
702-03-00100	CATCH BASINS	(CB-01)	EACH	1	13	6	20
702-03-00200	CATCH BASINS	(CB-02)	EACH	1	1	0	2
702-04-00150	ADJUSTING MANHOLES W/MANHOLE ADJUSTMENT RINGS		EACH	0	2	0	2
702-04-00210	CONVERT CATCH BASINS TO MANHOLES		EACH	0	2	0	2
706-02-00200	CONCRETE DRIVE	(6" THICK)	SOYD	23	0	0	23
706-02-00300	CONCRETE DRIVE	(8" THICK)	SOYD	0	172	62	234
713-01-00100	TEMPORARY SIGNS AND BARRICADES		LUMP	0	1	0	1
714-01-00700	SLAB SODDING	(CENTPEDE)	SOYD	0	400	200	600
717-01-00100	SEEDING		LB	25	6.1	4.1	35.2
718-01-00100	FERTILIZER		LB	574	133	89	796
720-01-01000	EROSION CONTROL SYSTEM	(SLOPE PROTECTION) (TYPE A)	SOYD	0	644	431	1075
720-01-02000	EROSION CONTROL SYSTEM, FLEXIBLE	(CHANNEL LINER) (TYPE C)	SOYD	2778	0	0	2778
726-01-00100	BEDDING MATERIAL		CUYD	132.5	114.9	76	323.4
727-01-00100	MOBILIZATION		LUMP	1	0	0	1
729-01-00102	SIGN	(TYPE A) (FURNISH AND INSTALL)	SOFT	0	245	0	245
729-16-00300	OBJECT MARKER ASSEMBLY	(TYPE 3)	EACH	4	0	20	24
729-21-00100	U-CHANNEL POST		EACH	17	27	4	48
731-02-00100	REFLECTORIZED RAISED PAVEMENT MARKERS		EACH	420	510	259	1189
732-01-02080	PLASTIC PAVEMENT STRIPING	(24" WIDTH) (THERMOPLASTIC 125 MIL)	LNFT	43	42	37	122
732-02-02000	PLASTIC PAVEMENT STRIPING	(SOLID LINE) (4" WIDTH) (THERMOPLASTIC 90 MIL)	MILE	3.11	7.6	1.86	12.57
732-02-02040	PLASTIC PAVEMENT STRIPING	(SOLID LINE) (8" WIDTH) (THERMOPLASTIC 90 MIL)	MILE	0	0	0.012	0.012
732-03-02030	PLASTIC PAVEMENT STRIPING	(DOTTED LINE) (8" W)(2" L) (THERMO 90 MIL)	MILE	0	0	0.01	0.01
732-04-01080	PLASTIC PAVEMENT LEGENDS AND SYMBOLS	(ARROW - LEFT TURN)	EACH	0	0	1	1
732-04-01100	PLASTIC PAVEMENT LEGENDS AND SYMBOLS	(ARROW - RIGHT TURN)	EACH	0	0	1	1
740-01-00100	CONSTRUCTION LAYOUT		LUMP	0	1	0	1
805-15-00700	REINFORCED CONCRETE BOX CULVERTS	(PRECAST) (6' X 5')	LNFT	84	0	0	84
805-17-00100	REINFORCED CONCRETE BOX CULVERT HEADWALL	(11.88 CU. YD. CONCRETE) (1,051 LB. STEEL)	EACH	2	0	0	2
NS-001	SPEED TABLE		EACH	7	0	5	12
NS-500-00340	SAW CUTTING ASPHALT CONCRETE PAVEMENT		INLF	552	0	0	552
NS-600-00220	SAW CUTTING PORTLAND CEMENT CONCRETE PAVEMENT		INLF	0	528	432	960



10-21-2024

SOELL DR, HELENBURG RD, MIRE DR
SUMMARY SHEETS

Rev. No.	Date	Description

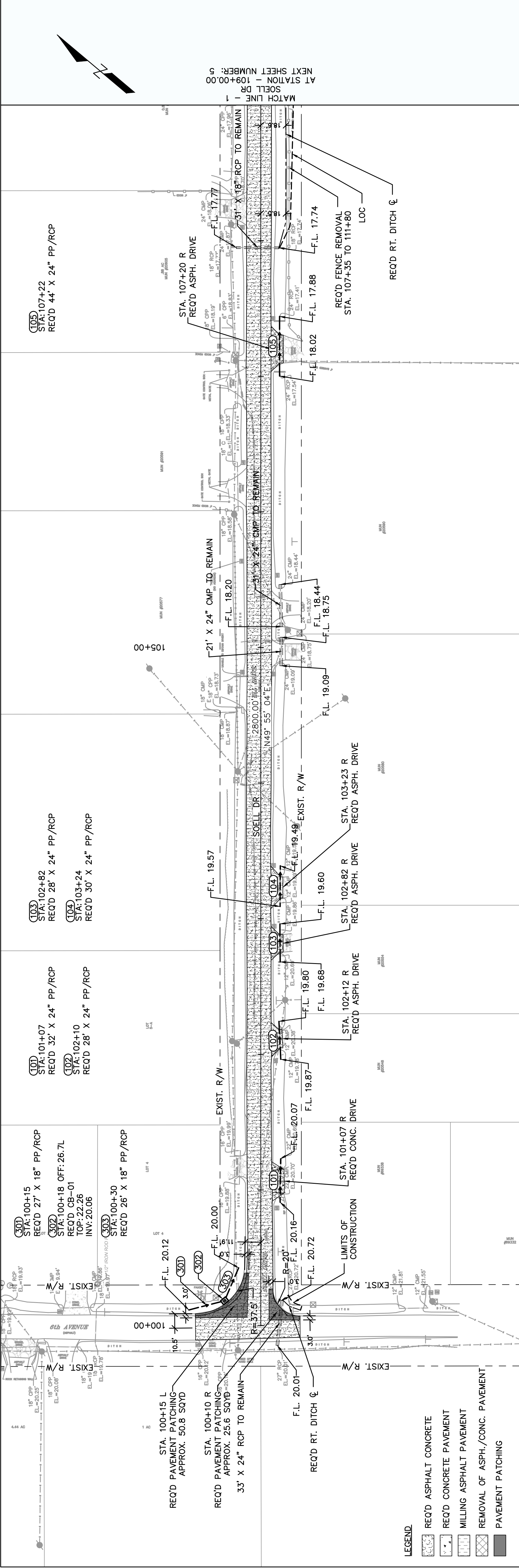
St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org

Project No.	
Date	5/9/2024
Scale	N.T.S.
Drawn By	JES
Sheet	31

Rev.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org

Project No. _____
Date 10/15/2024
Scale 1" = 40'
Drawn By JPC

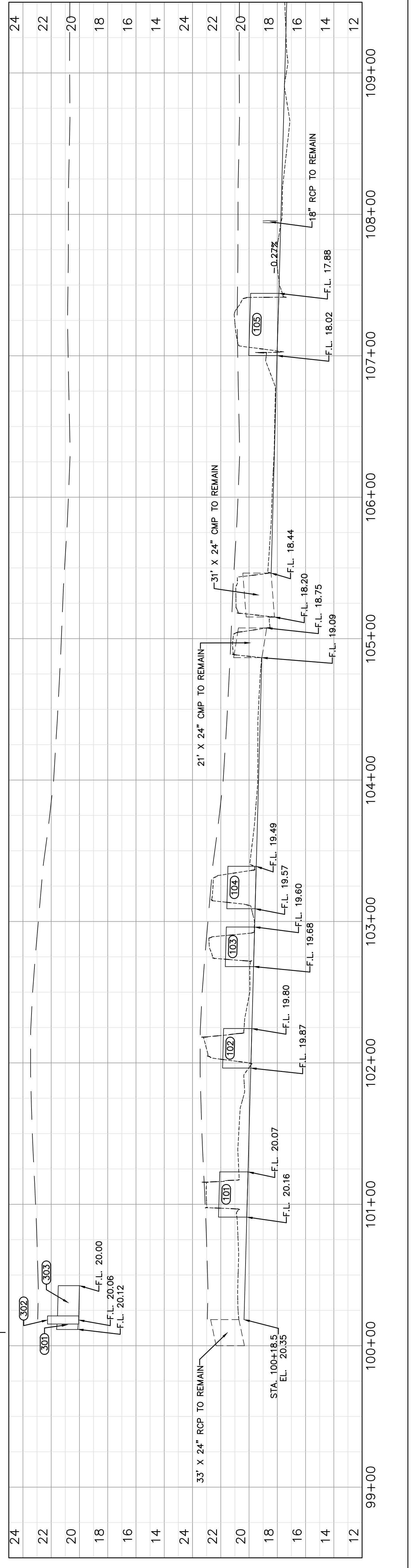


10-21-2024

(105)
44' X 24" PP/RCP @ 0.30%

MILL & OVERLAY

(301) 27' X 18" PP/RCP @ 0.22%
(101) 32' X 24" PP/RCP @ 0.27%
(303) 26' X 18" PP/RCP @ 0.22%
(102) 28' X 24" PP/RCP @ 0.27%
(103) 28' X 24" PP/RCP @ 0.27%
(104) 30' X 24" PP/RCP @ 0.27%



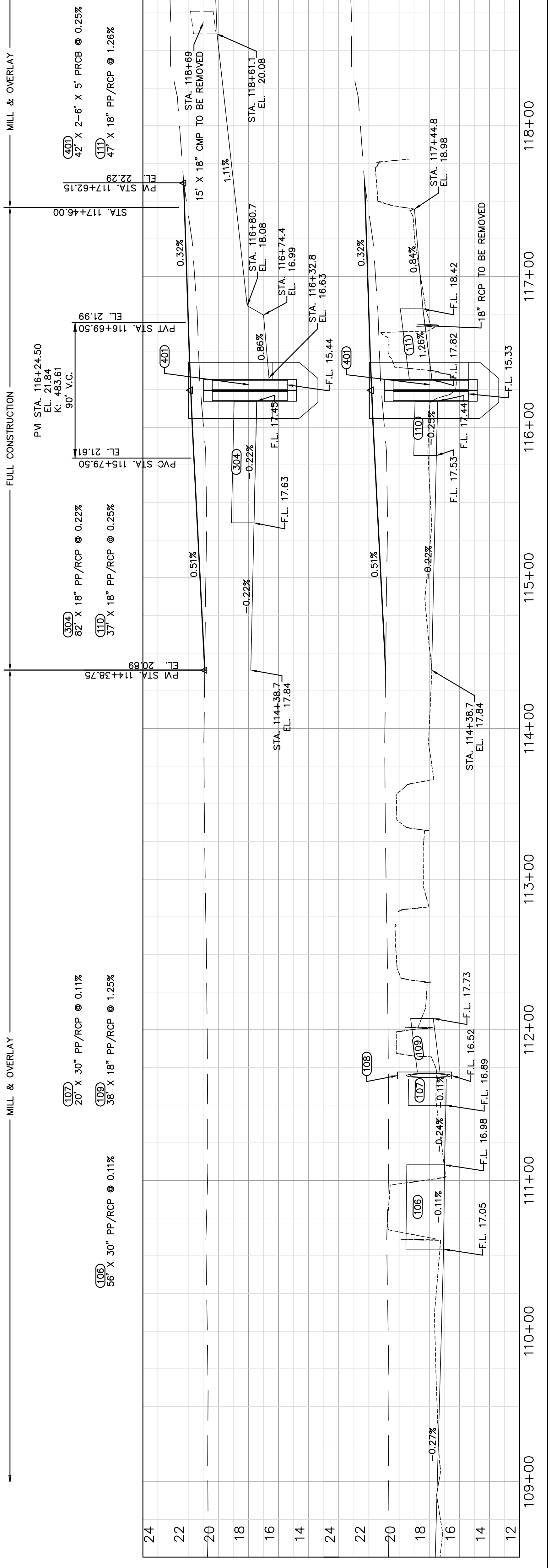
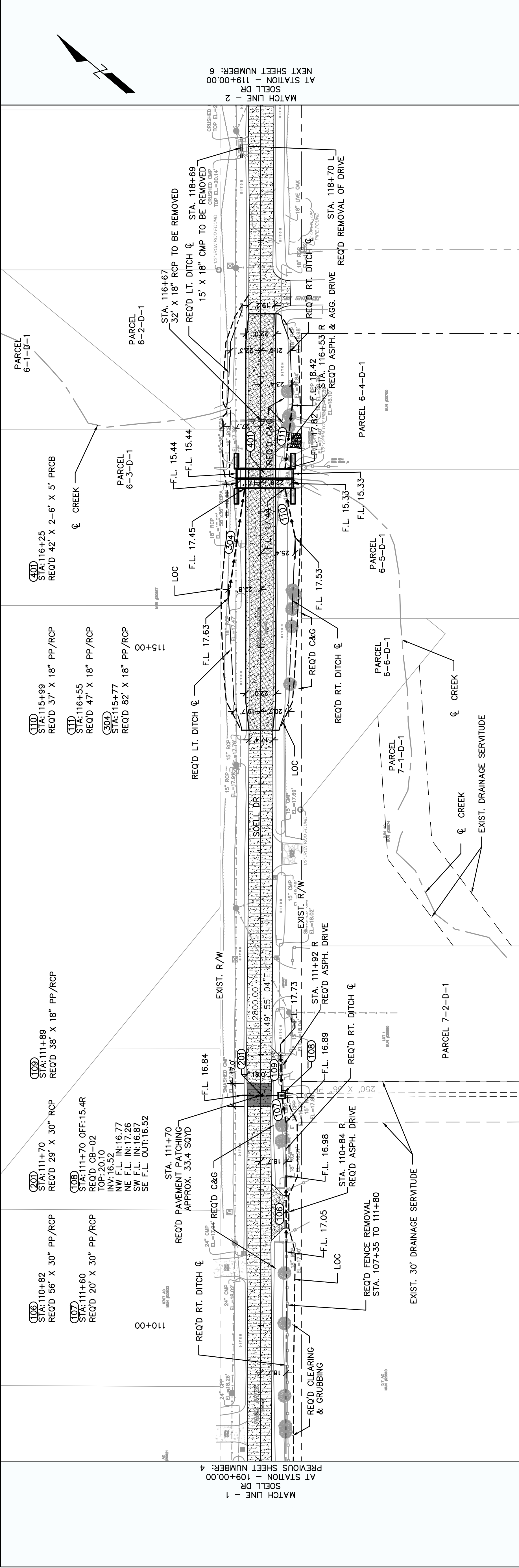
- LEGEND
- REQ'D ASPHALT CONCRETE
 - REQ'D CONCRETE PAVEMENT
 - MILLING ASPHALT PAVEMENT
 - REMOVAL OF ASPH./CONC. PAVEMENT
 - PAVEMENT PATCHING

SOELL DR
PLAN & PROFILE

Rev. No.	Date	Description

St Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70434
Phone: (985) 898-2552
E-mail: eng@spgo.org

Project No.	Sheet	Date	Scale	Drawn By
10/15/2024	57	10/15/2024	1" = 40'	JPC



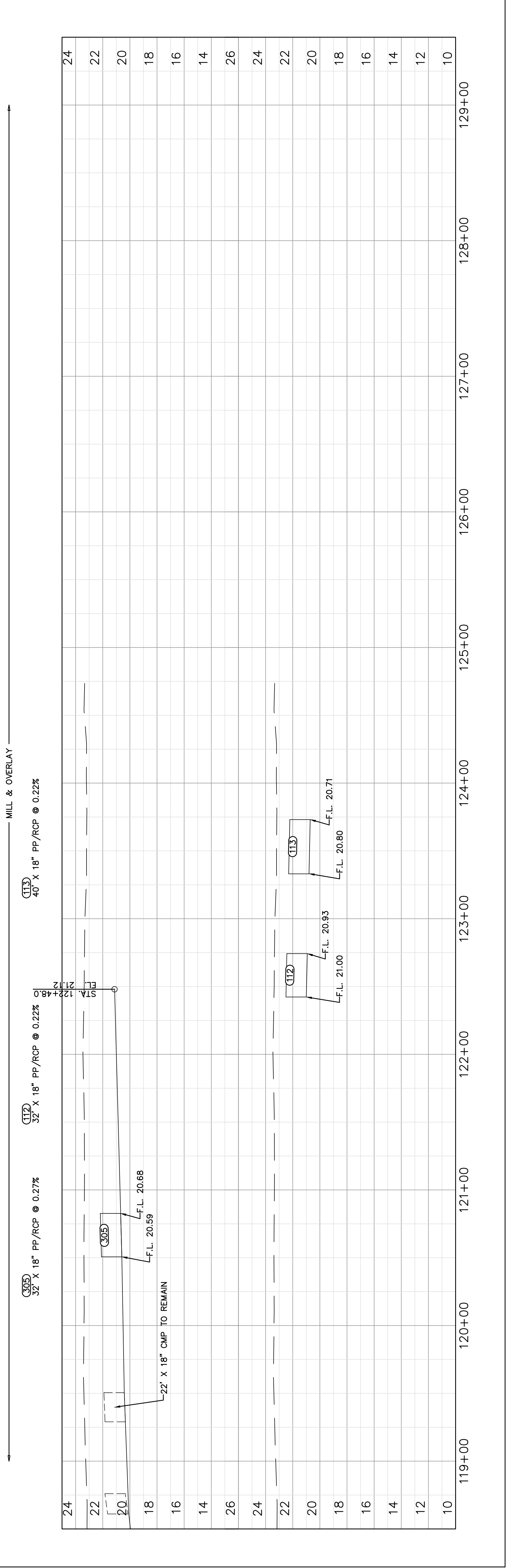
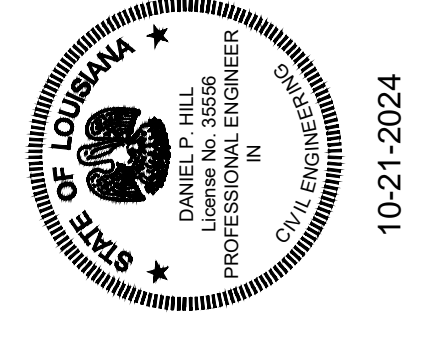
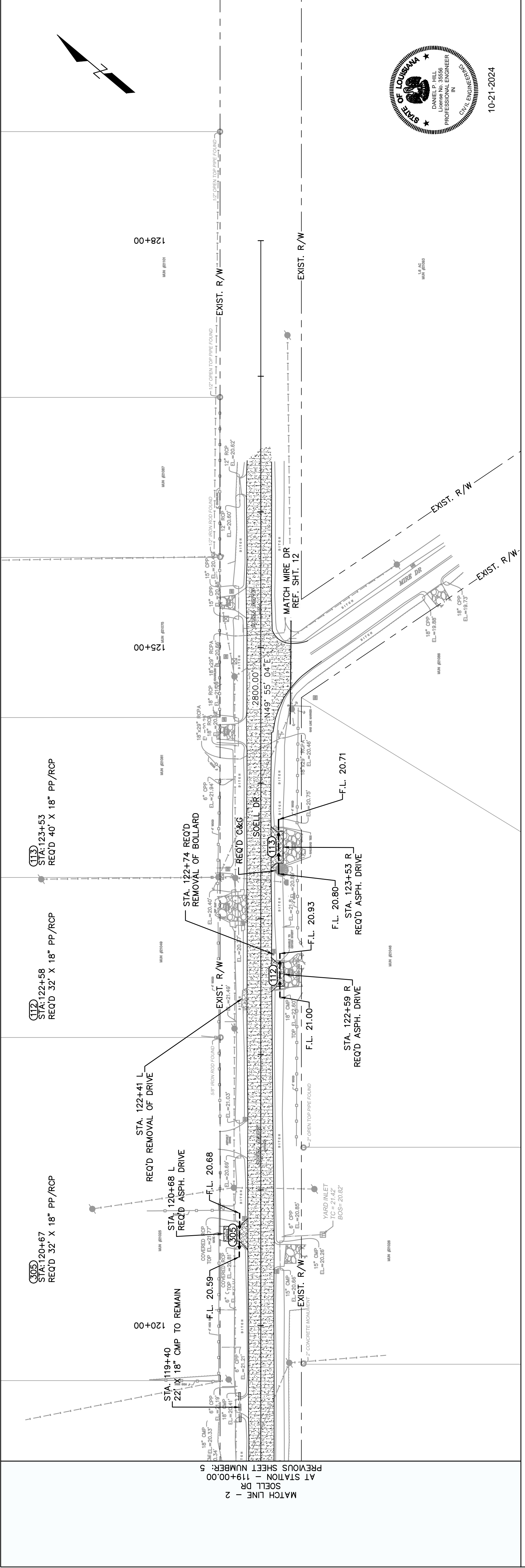
SOELL DR
AT STATION - 109+00.00
PREVIOUS SHEET NUMBER: 4

SOELL DR
AT STATION - 119+00.00
NEXT SHEET NUMBER: 6

Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2525
E-mail: eng@spgov.org

Project No. _____
Date 10/15/2024
Scale 1" = 40'
Drawn By JPC
Sheet 6

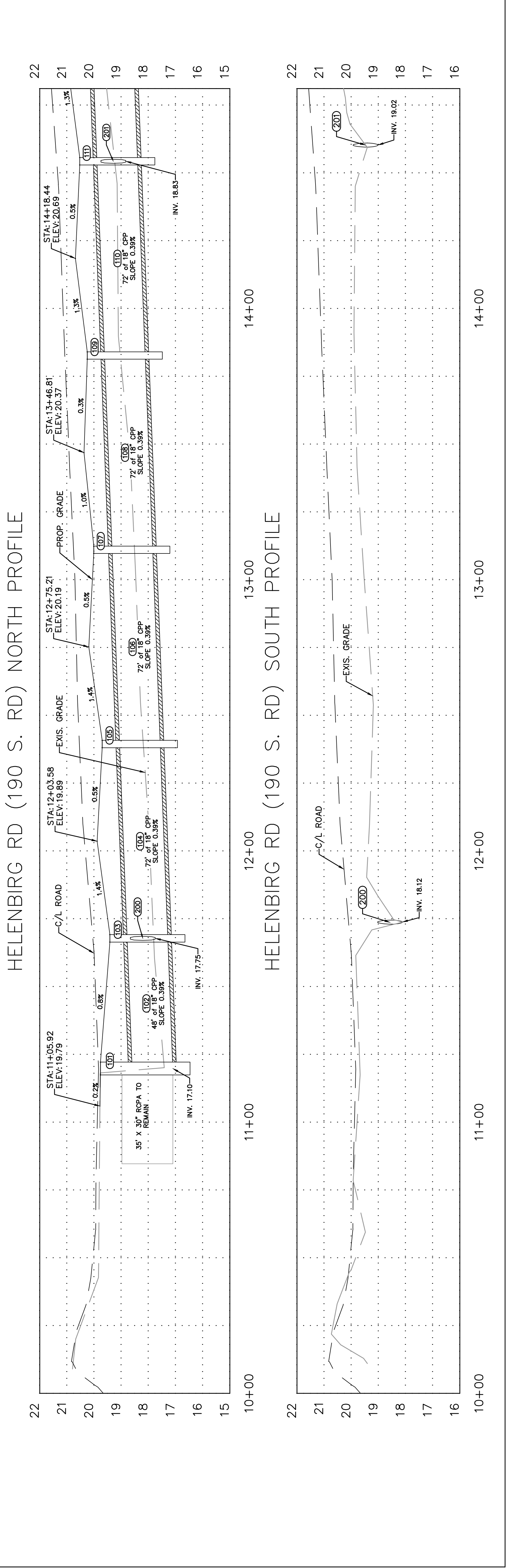
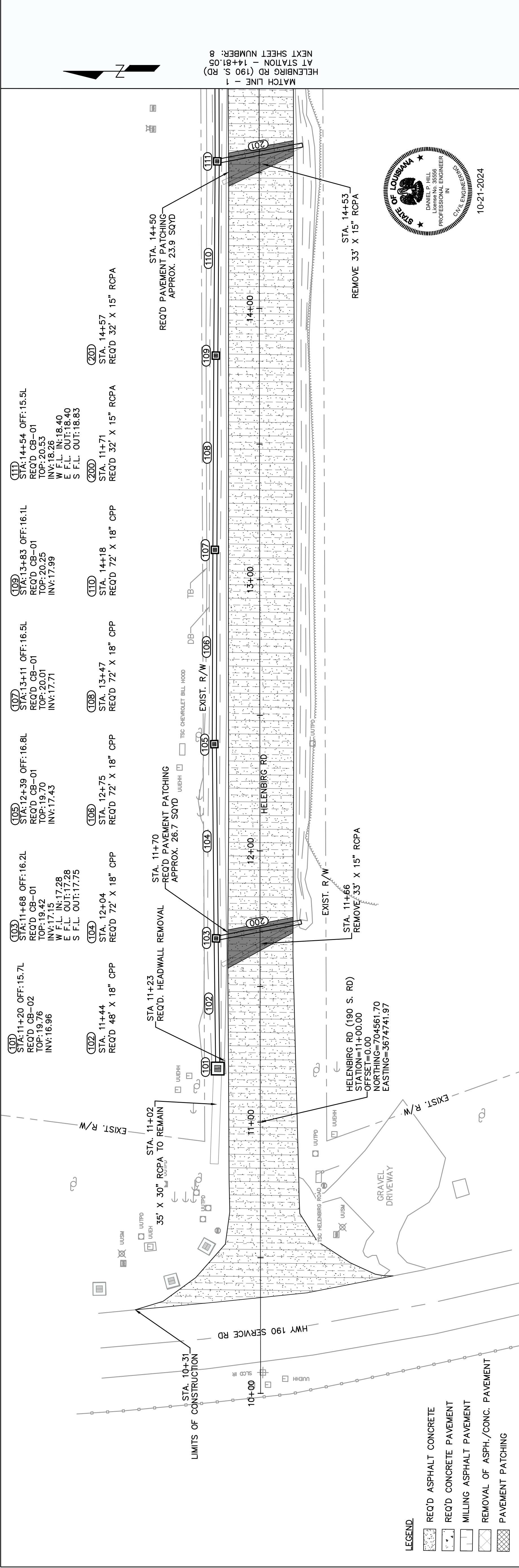


HELENBURG RD
PLAN & PROFILE

Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70424
Phone: (985) 898-2552
E-mail: eng@spgov.org

Project No.	
Date	10/15/2024
Scale	1" = 20'
Drawn By	JES

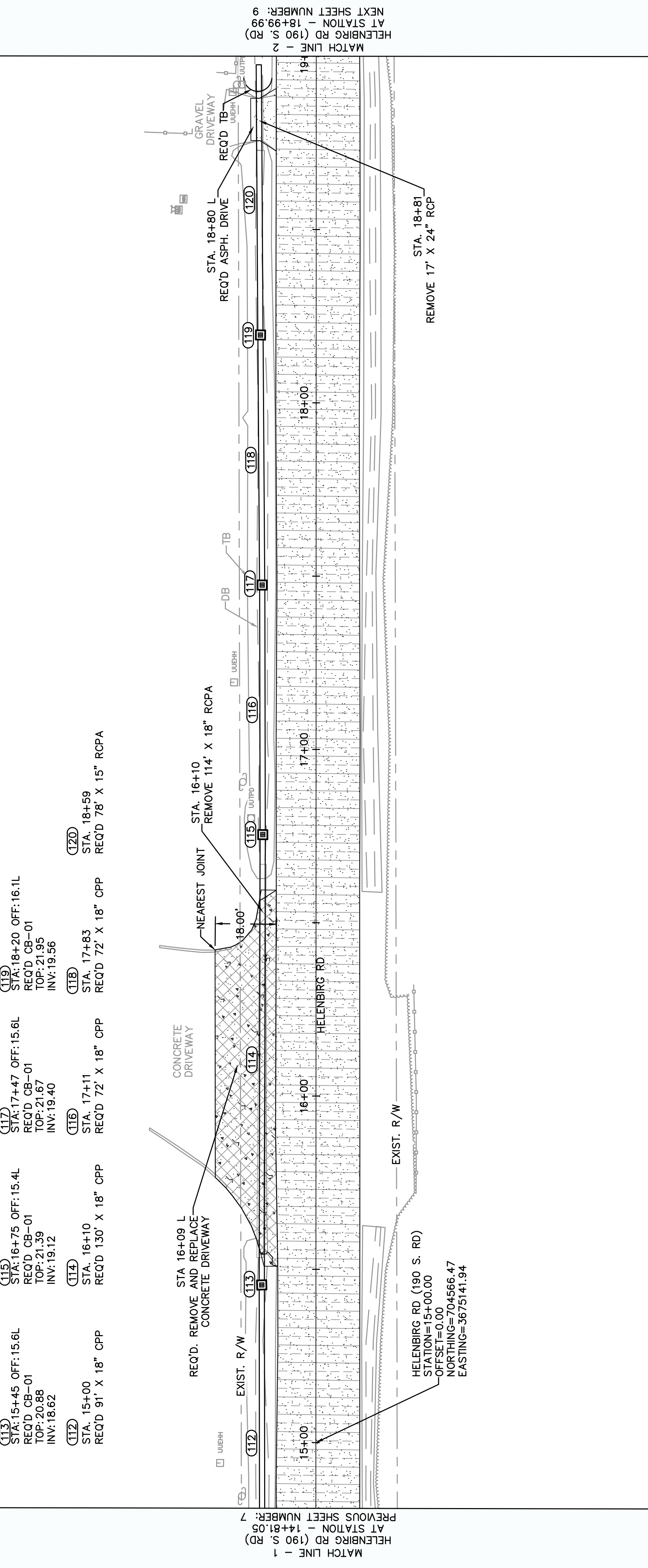
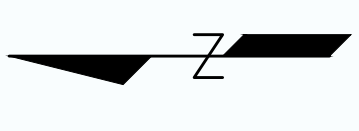


HELENBERG RD
PLAN & PROFILE

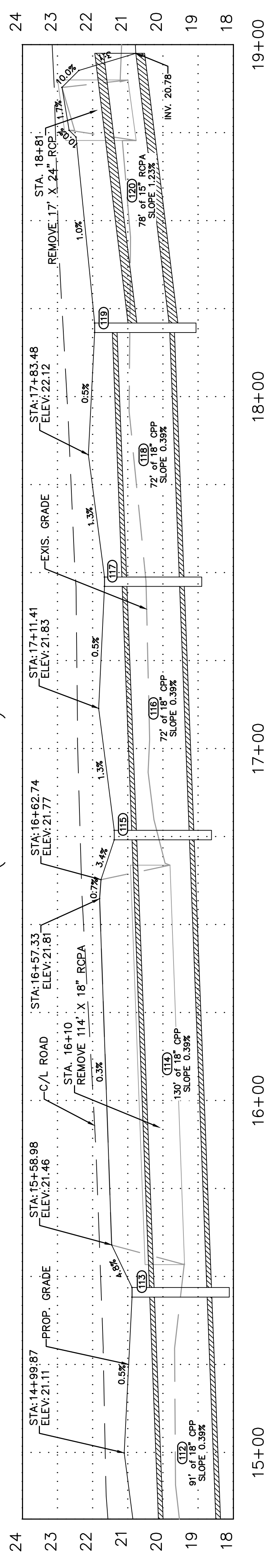
Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70344
Phone: (985) 898-2352
E-mail: eng@spcv.org

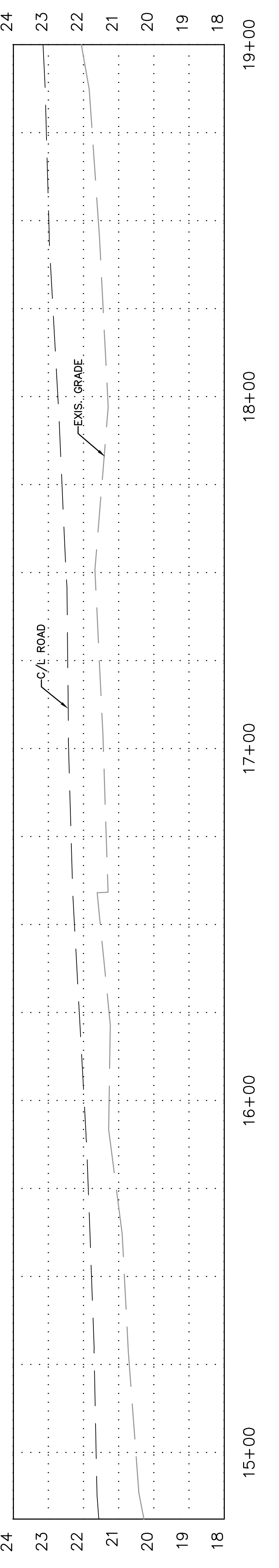
Project No. _____
Date 10/15/2024
Scale 1" = 20'
Drawn By JES



HELENBERG RD (190 S. RD) NORTH PROFILE



HELENBERG RD (190 S. RD) SOUTH PROFILE



10-21-2024

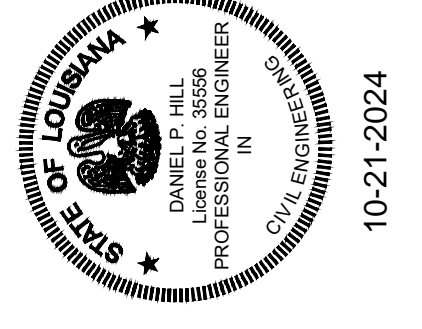
HELENBIRG RD
PLAN & PROFILE

Rev. No.	Date	Description

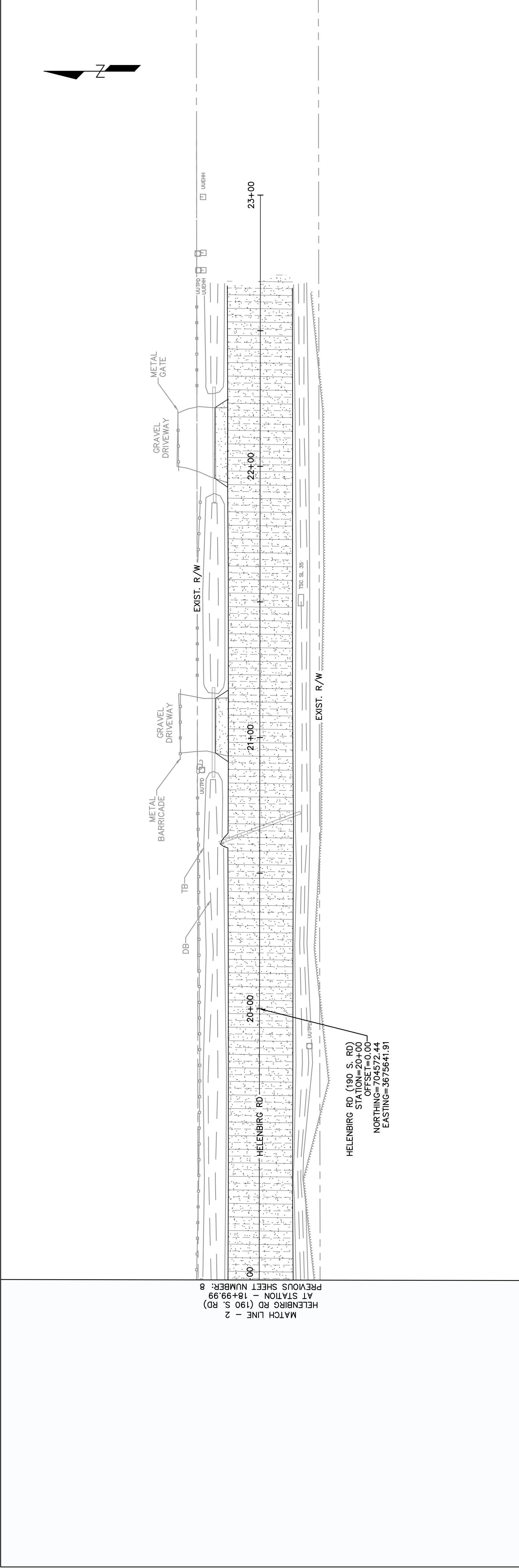
St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org



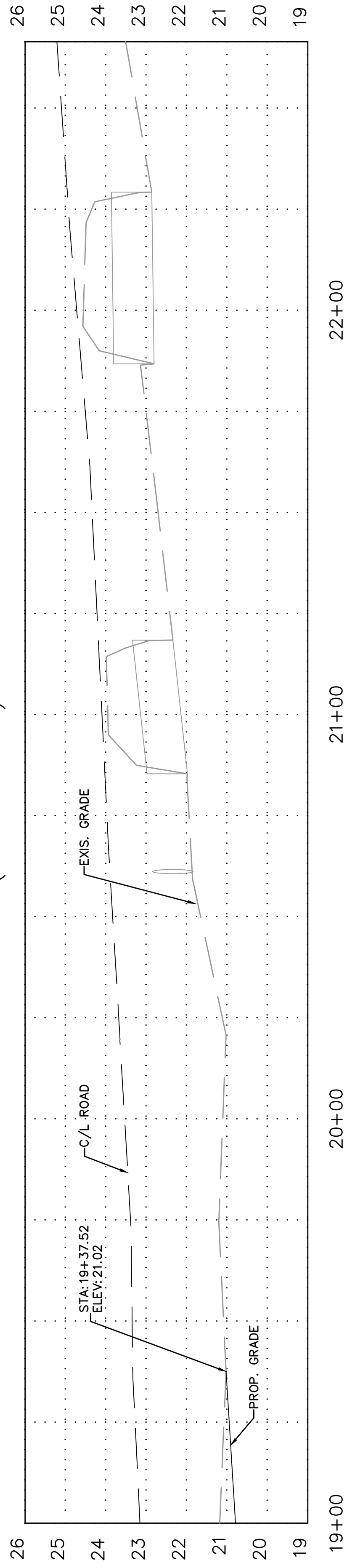
Project No. _____
Sheet 9
Date 10/15/2024
Scale 1" = 20'
Drawn By JES



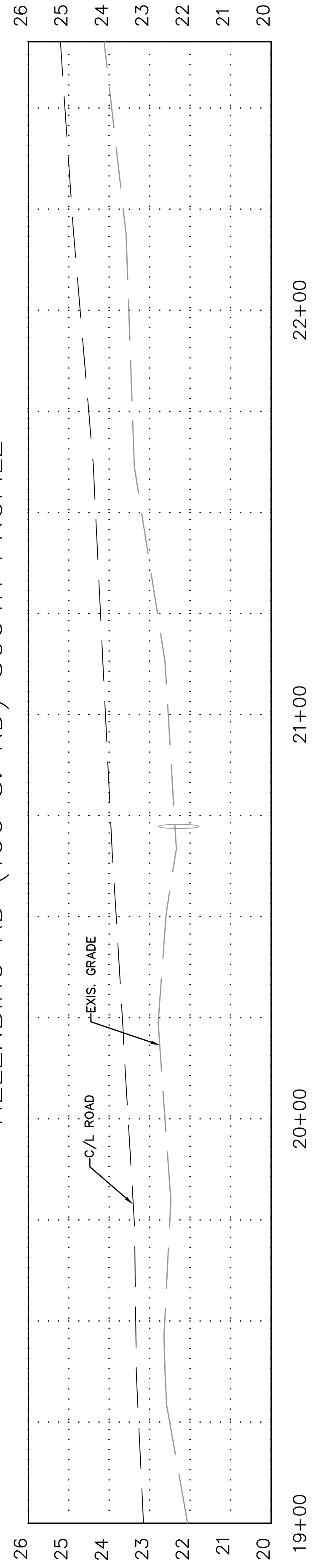
10-21-2024



HELENBIRG RD (190 S. RD) NORTH PROFILE



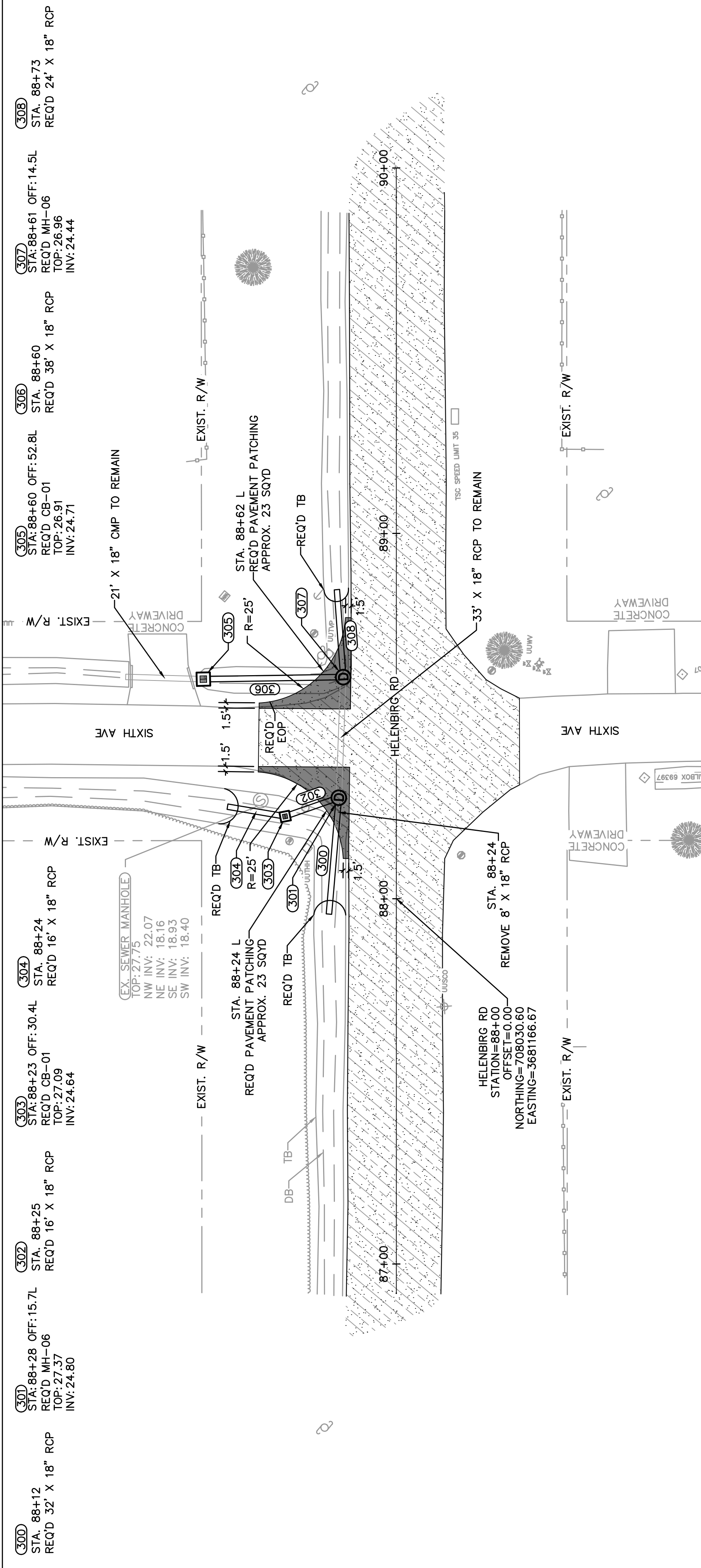
HELENBIRG RD (190 S. RD) SOUTH PROFILE



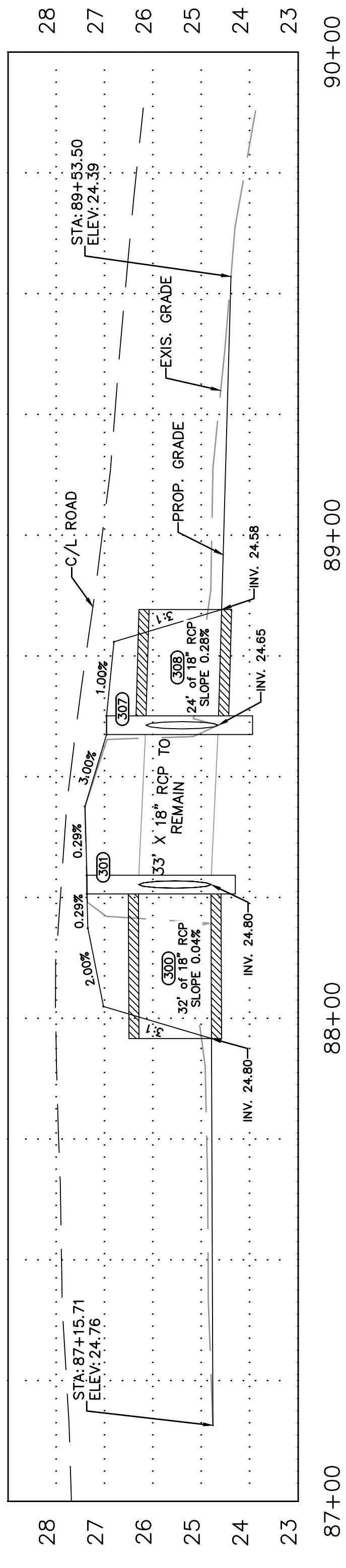
Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P. O. Box 628 Covington, LA 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org

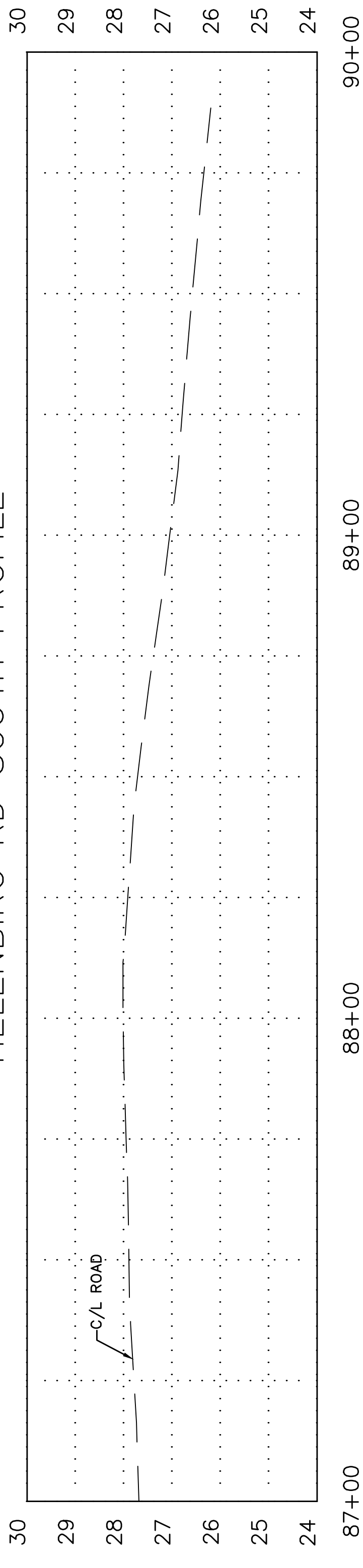
Project No. _____	Date 10/15/2024	Scale 1" = 20'	Drawn By JES
Sheet 10			



HELENBERG RD NORTH PROFILE



HELENBERG RD SOUTH PROFILE



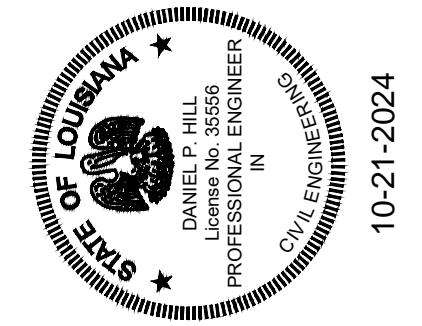
HELENBERG RD
PLAN & PROFILE

Rev. No.	Date	Description

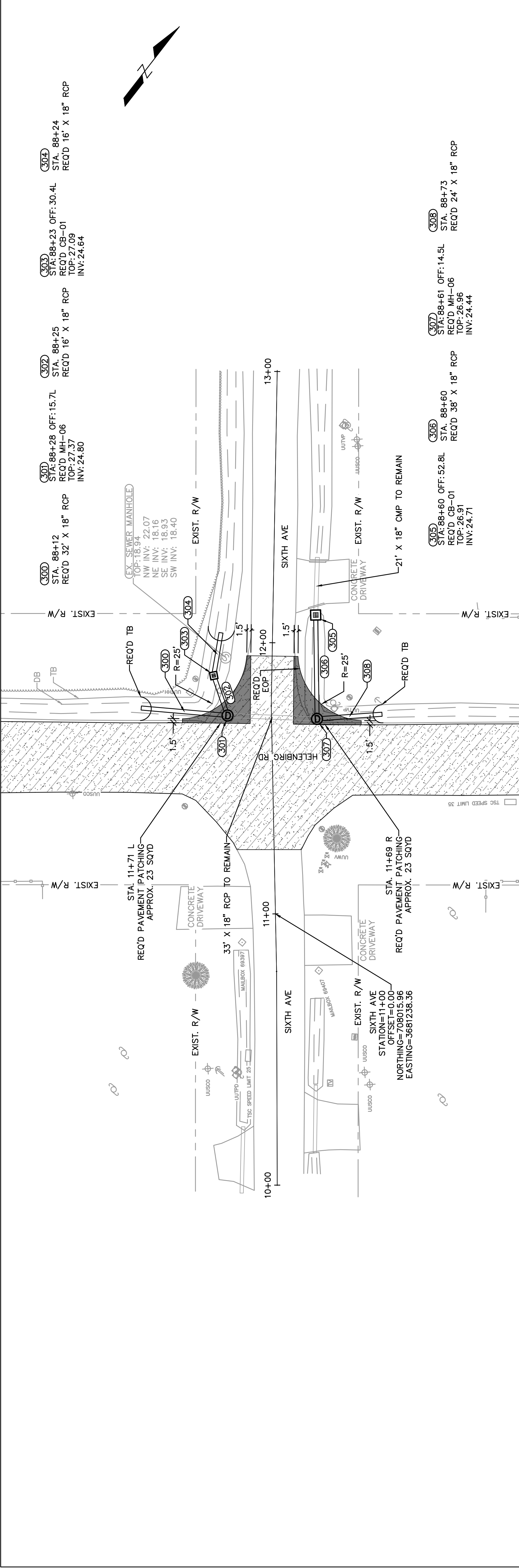
St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, LA 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org



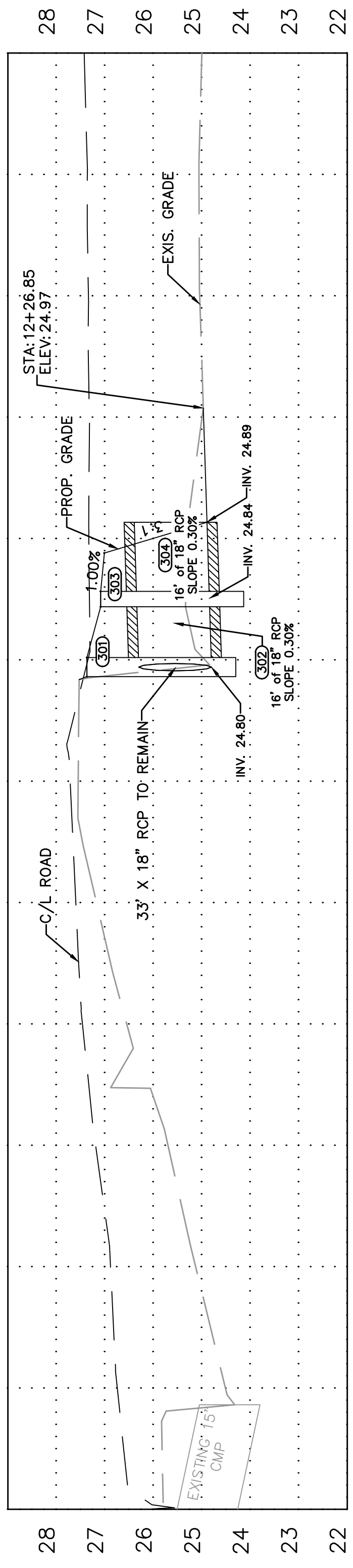
Project No.	10/15/2024
Date	1" = 20'
Scale	JES
Drawn By	JES



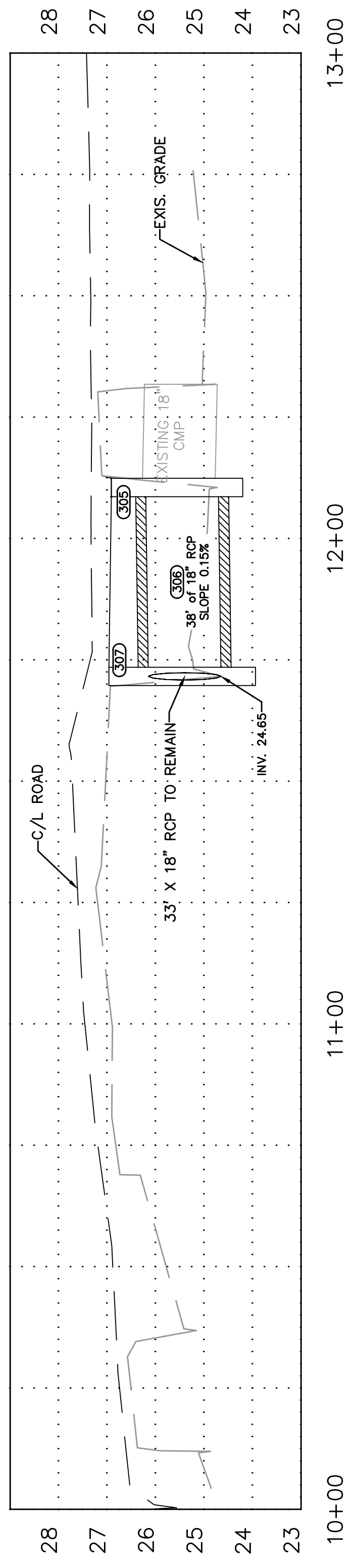
10-21-2024



SIXTH AVE WEST PROFILE

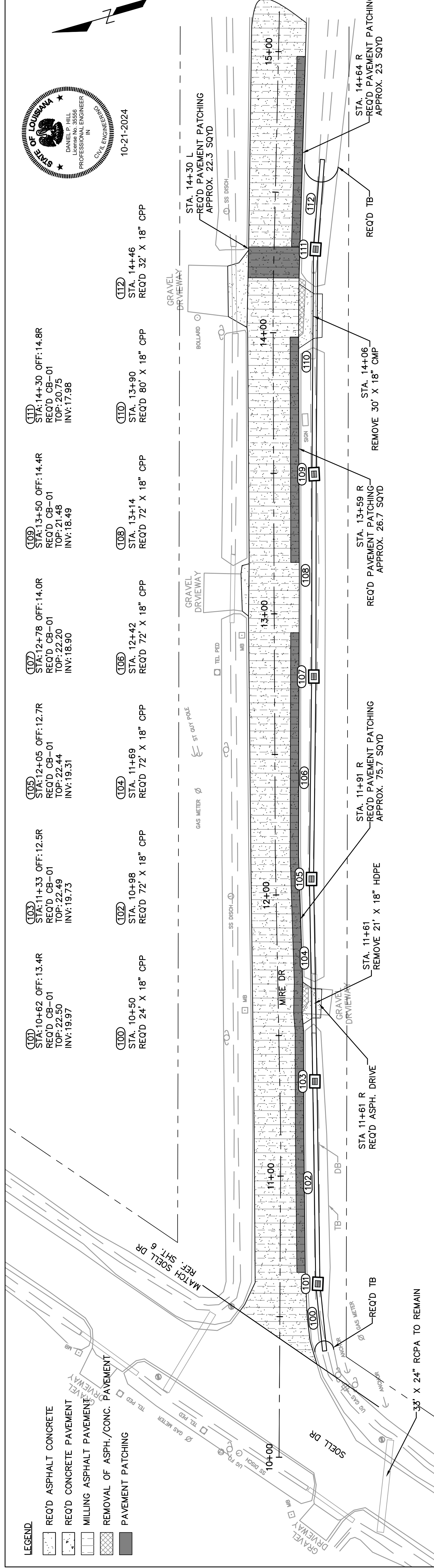


SIXTH AVE EAST PROFILE

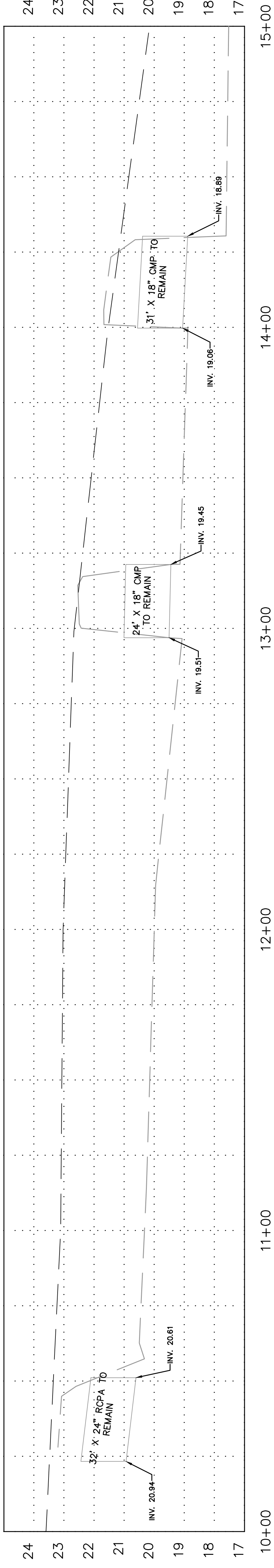


LEGEND

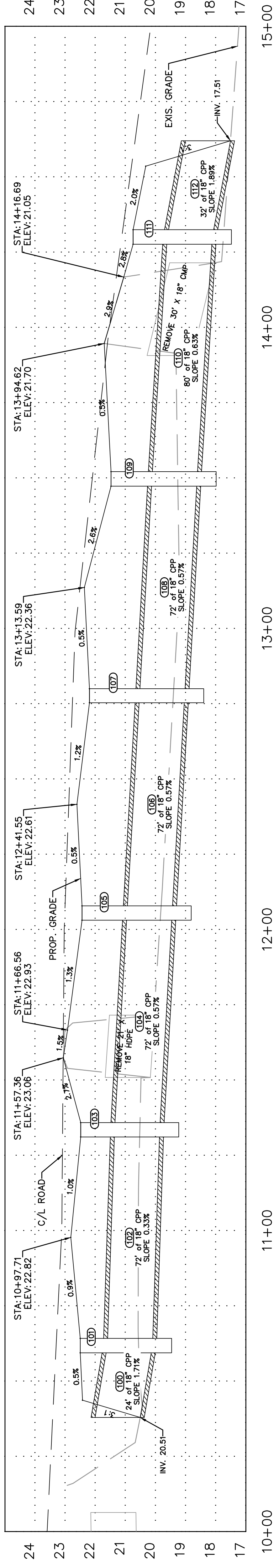
- REQ'D ASPHALT CONCRETE
- REQ'D CONCRETE PAVEMENT
- MILLING ASPHALT PAVEMENT
- REMOVAL OF ASPH./CONC. PAVEMENT
- PAVEMENT PATCHING



MIRE DR NORTH PROFILE

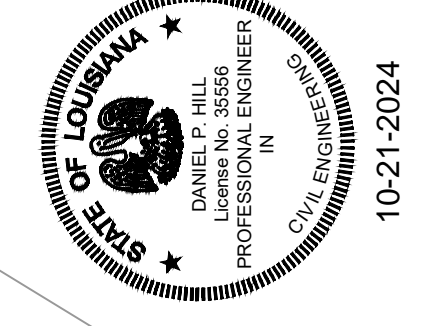
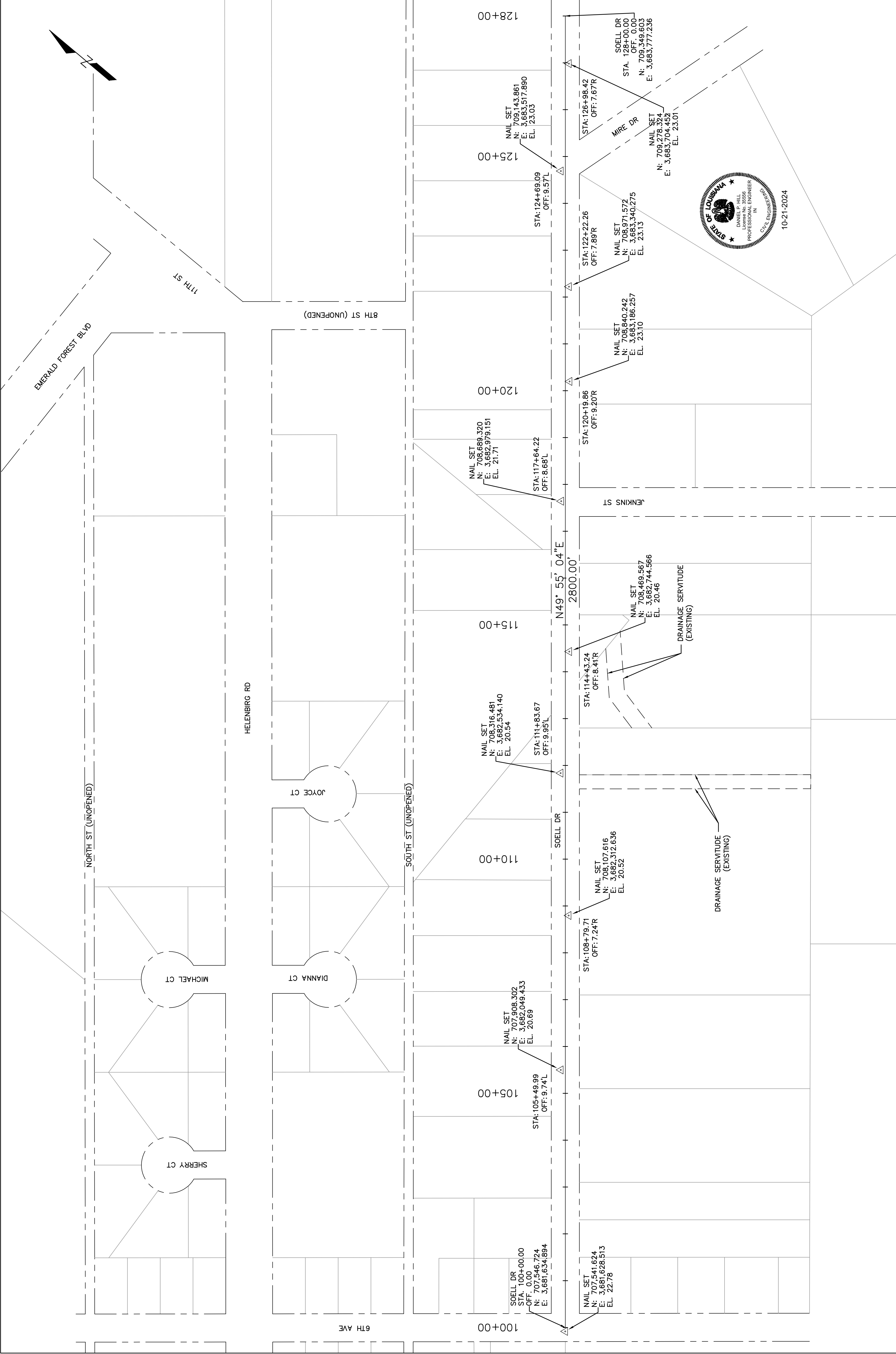


MIRE DR SOUTH PROFILE



Rev. No.	Date	Description





St. Tammany Parish
 Department of Engineering
 P. O. Box 628 Covington, LA 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

Project No. _____
 Date 10/15/2024
 Scale 1" = 100'
 Drawn By JPC

Rev. No.	Date	Description

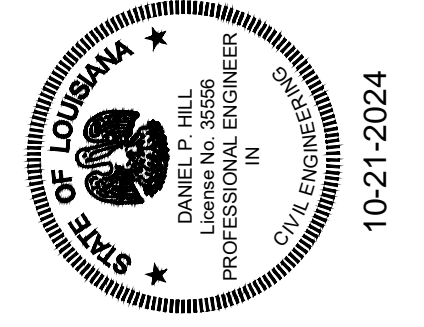
SOELL DR
 REFERENCE POINTS & GEOMETRICS

Sta.	Date	Description

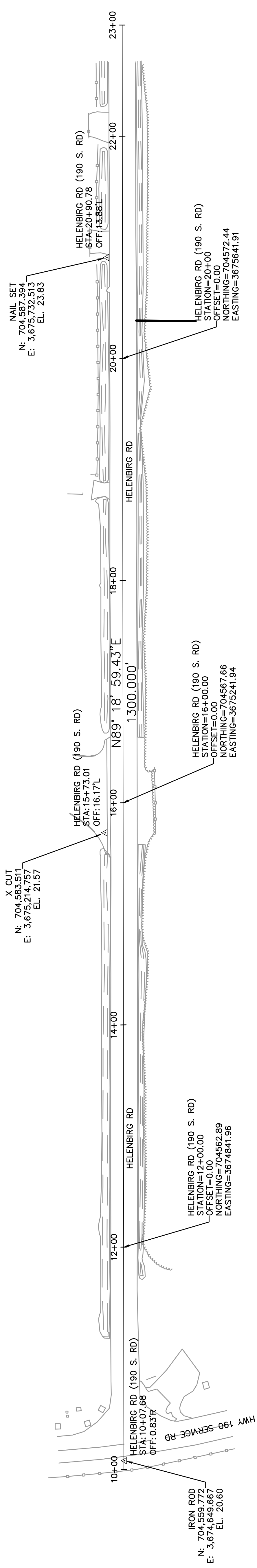
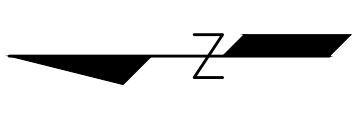
St. Tammany Parish
 Department of Public Works
 P.O. Box 628 Covington, La. 70434
 Phone: (985) 898-2525
 E-mail: eng@spdw.org



Project No.	-----
Sheet	14
Date	10/15/2024
Scale	1" = 50'
Drawn By	JES



10-21-2024

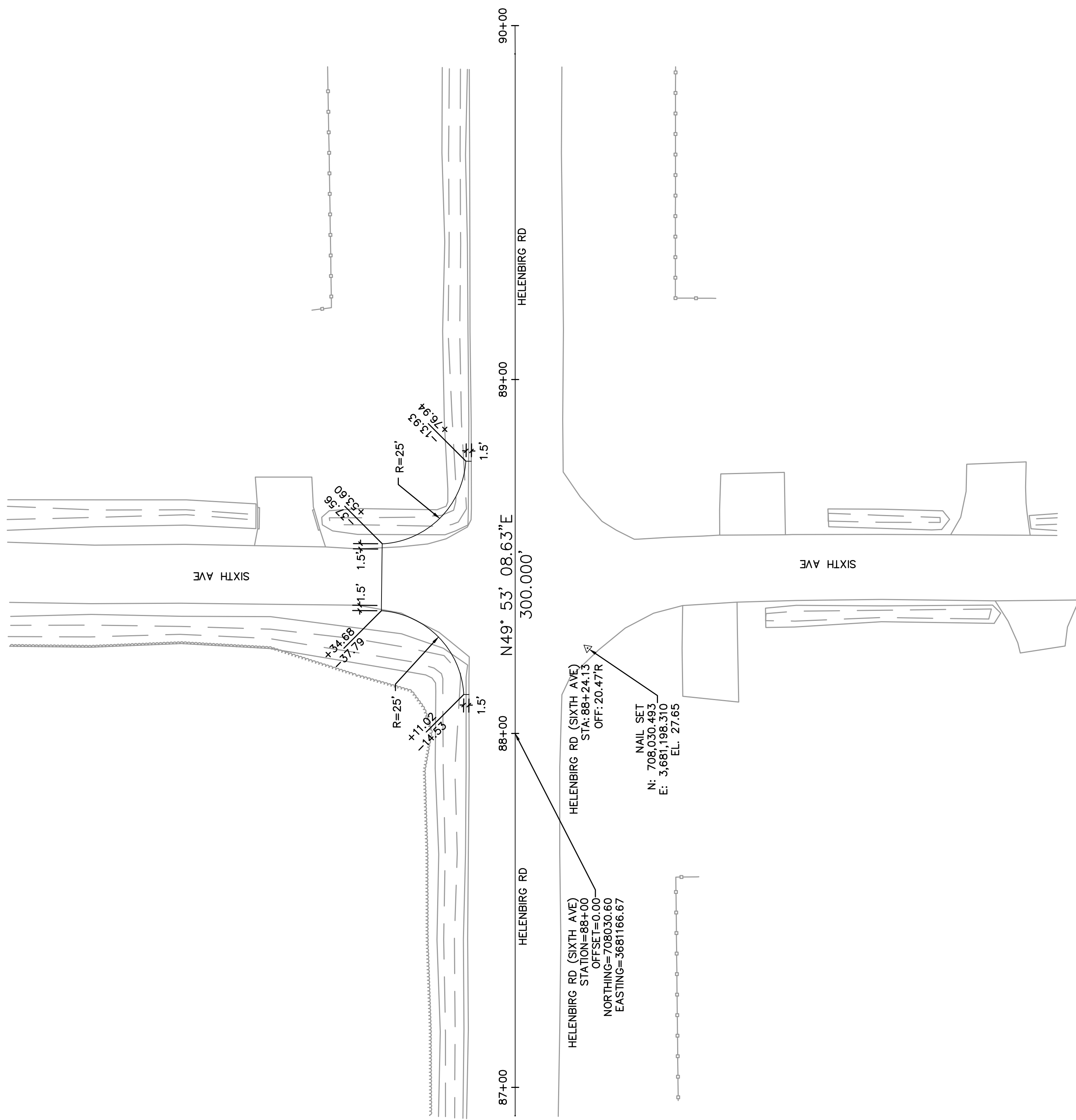
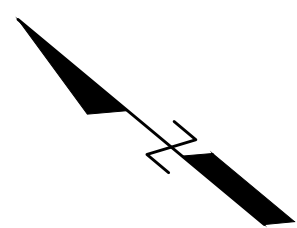
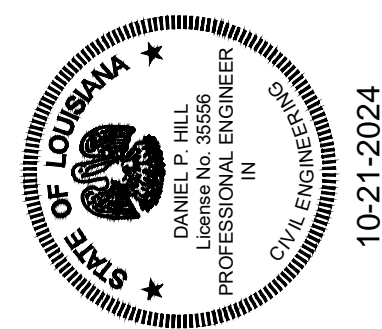


Rev.	No.	Date	Description

St. Tammany Parish
Department of Public Works
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@stpd.gov.org



Project No.	-----
Date	10/15/2024
Scale	1" = 20'
Drawn By	JES

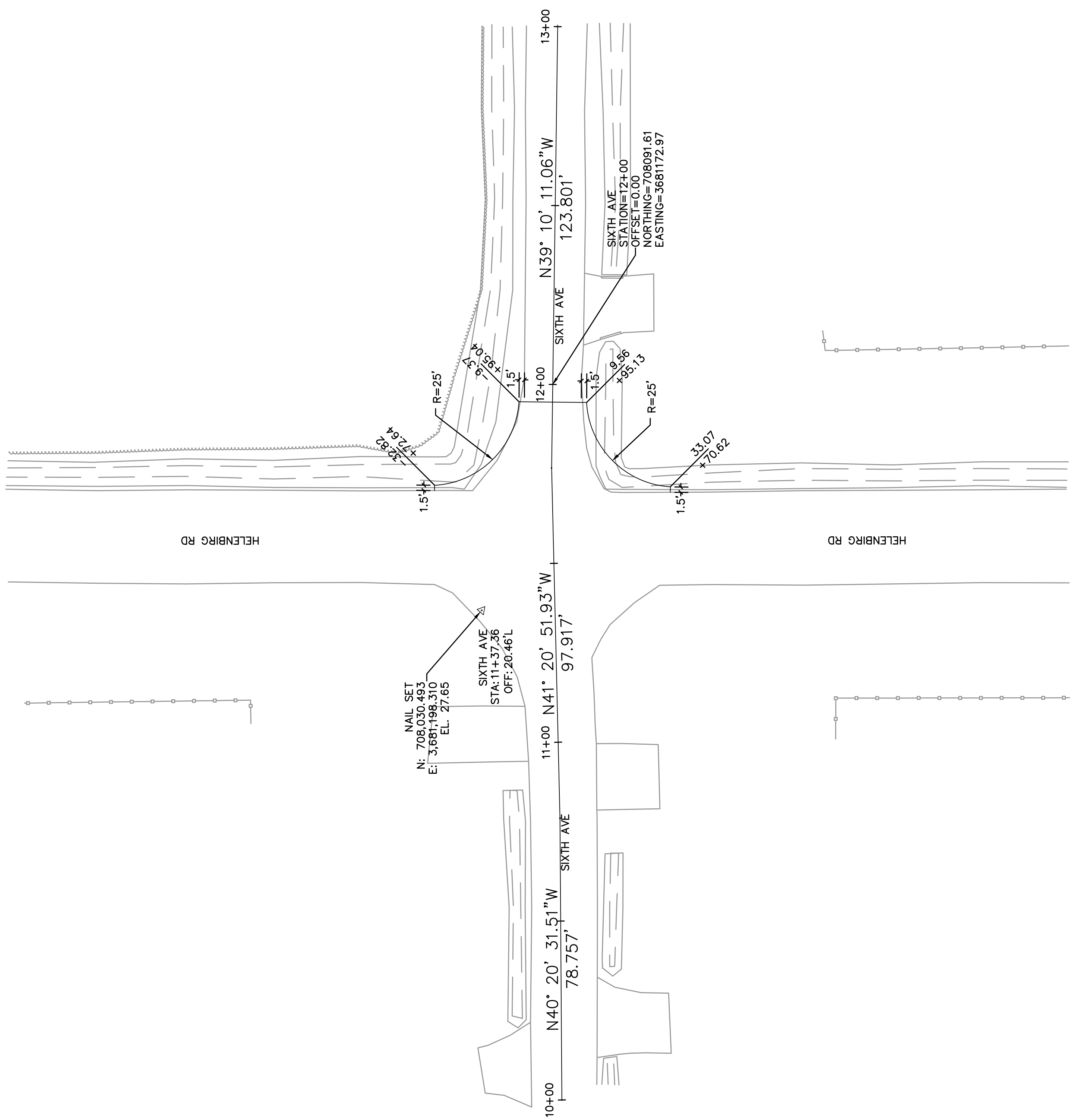
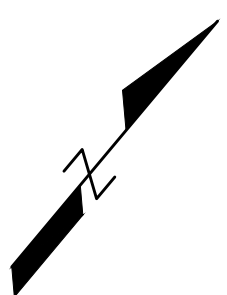
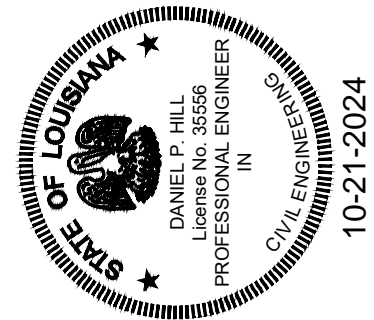


Rev.	No.	Date	Description

St. Tammany Parish
Department of Public Works
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spdw.org



Project No. _____
Date 10/15/2024
Scale 1" = 20'
Drawn By JES



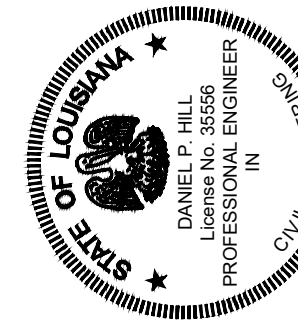
Sta.	No.	Date	Description

St. Tammany Parish
 Department of Public Works
 P. O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@spdw.org

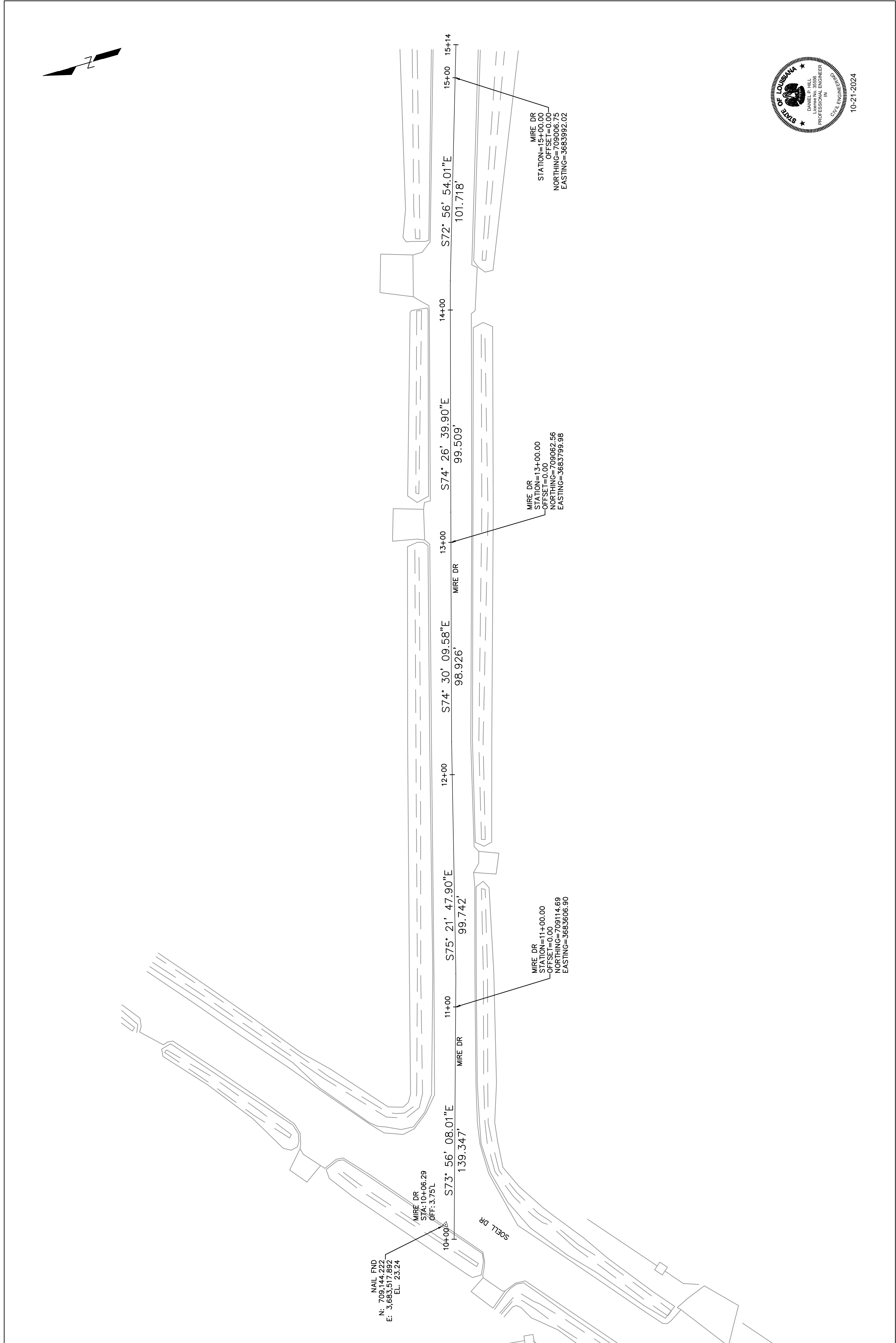
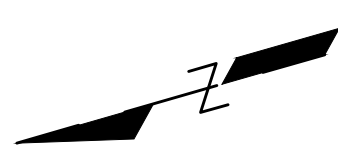


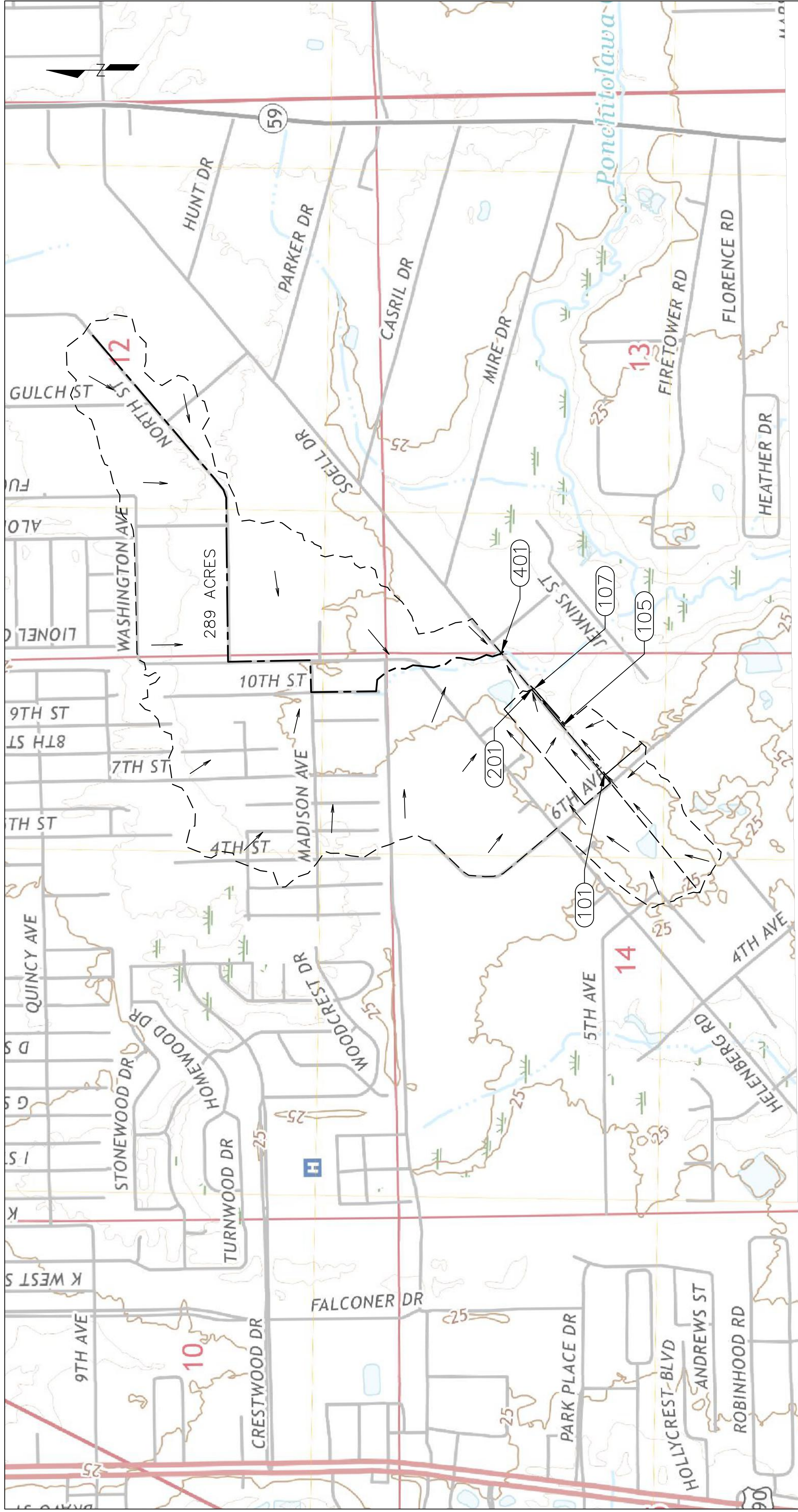
Sheet
 12

Project No. _____
 Date 10/15/2024
 Scale 1" = 20'
 Drawn By JES



10-21-2024

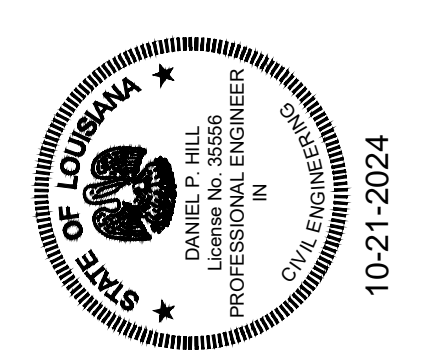




CROSS_DRAIN_DESIGN_CRITERIA

1. 10 YEAR DESIGN STORM
2. 24-HOUR PRECIPITATION = 7.52 IN PER NOAA ATLAS 14 PRECIPITATION FREQUENCY ESTIMATES
3. DESIGN DRAINAGE COMPUTED USING NRCS METHOD

STRUCTURE NO.	STATION	STRUCTURE (SIZE & TYPE)	DRAINAGE AREA (ACRES)	NRCS		DESIGN DISCHARGE (CFS)	HYDRAULIC DATA	
				CN	Tc (MIN)		DIFFERENTIAL HEAD (FT)	OUTLET VELOCITY (FT/SEC)
201	111+70	30" RCP	9.2	78	84	17.8	0.42	4.95
401	116+25	2 - 6' X 5' RCB	289.0	78	252	263.8	0.29	5.70

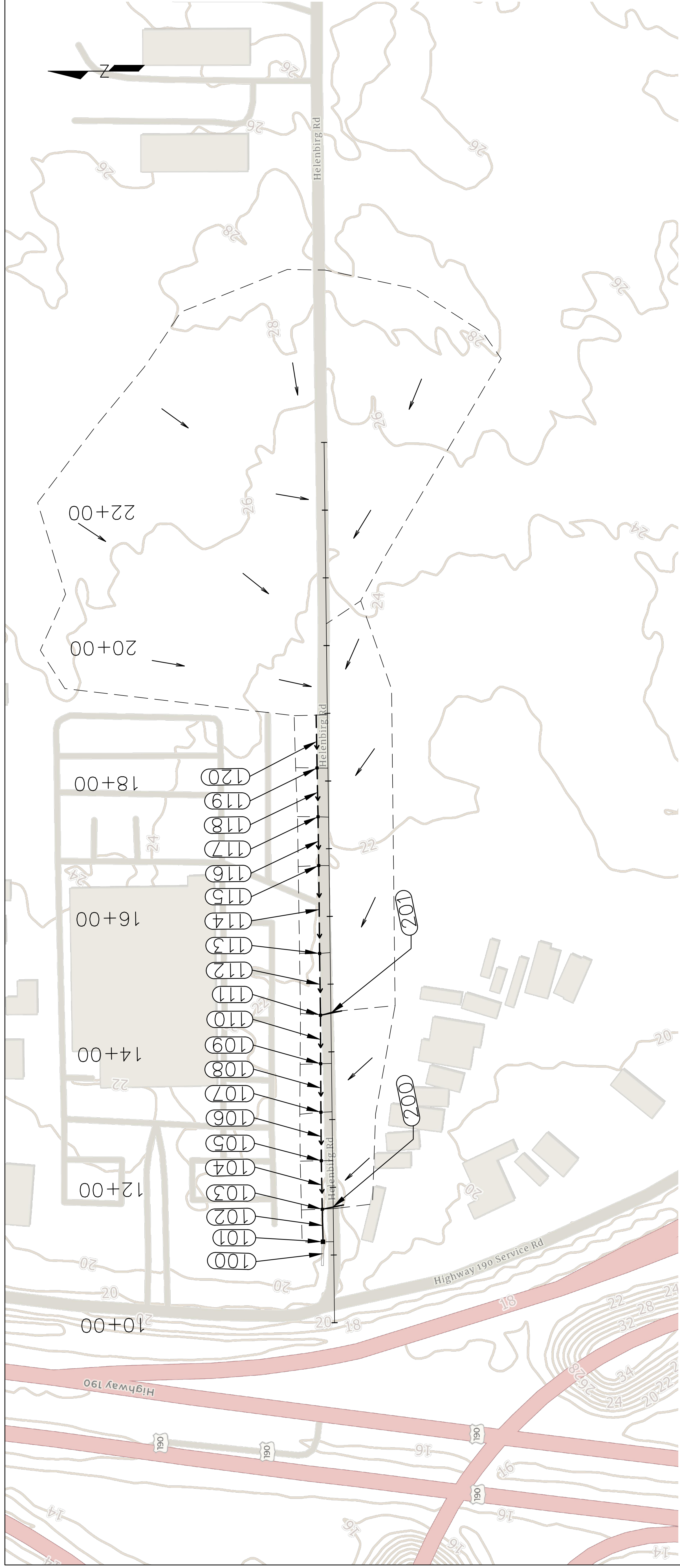


SIDE_DRAIN_DESIGN_CRITERIA

1. 10 YEAR DESIGN STORM
2. RAINFALL INTENSITIES PER NOAA ATLAS 14 PRECIPITATION FREQUENCY ESTIMATES
3. DESIGN DRAINAGE COMPUTED USING RATIONAL METHOD (Q=CIA)

STRUCTURE NO.	C	Tc (MIN)	I (IN/HR)	DRAINAGE AREA (ACRES)	DESIGN DISCHARGE (CFS)
105	0.3	94.3	2.45	18.3	13.4
107	0.3	95.3	2.43	18.5	13.5

Rev. No.	Date	Description

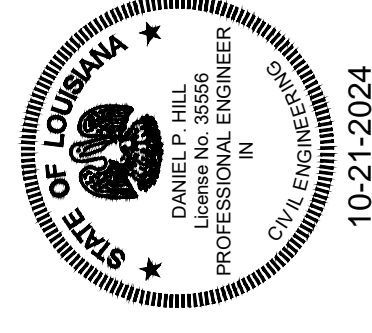


SIDE DRAIN DESIGN CRITERIA

1. 10 YEAR DESIGN STORM
2. RAINFALL INTENSITIES PER REGION 1 (LADOTD HYDR)
3. DESIGN DRAINAGE COMPUTED USING RATIONAL METHOD ($Q=CIA$)

SIDE DRAIN DATA			
STRUCTURE NO.	Q (c.f.s.)	C	AREA (acres)
100	6.22		
101		0.35	0.054
102	6.17		
103		0.35	0.082
200	0.36	0.20	0.406
104	5.89		
105		0.35	0.082
106	5.83		
107		0.35	0.082
108	5.77		
109		0.35	0.082
110	5.71		

SIDE DRAIN DATA (continued)			
STRUCTURE NO.	Q (c.f.s.)	C	AREA (acres)
111		0.35	0.099
201	1.42	0.20	1.188
112	4.97		
113		0.35	0.144
114	4.87		
115		0.35	0.081
116	4.81		
117		0.35	0.083
118	4.74		
119		0.35	0.091
120	4.67		



Rev. No.	Date	Description

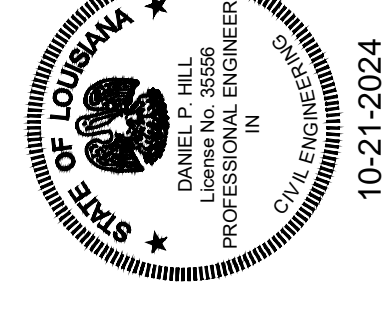
SOELL DR

Summary of Drainage Structures

STRUCTURE NO.	STATION	SIDE OF C/L	DESCRIPTION	SIDE DRAIN PIPE (T1 JOINTS)			CROSS DRAIN PIPE (T2 JOINTS)		CATCH BASIN ^Δ	PRECAST RCB	HEADWALLS	BEDDING MATERIAL	
				18" (FEET)	24" (FEET)	30" (FEET)	30" (FEET)	30" (FEET)				CB-01 (EACH)	CB-02 (EACH)
STA. ALONG SOELL DR													
101	101+07	RT.	PP/RCP, 24 in. x 32 ft.		32							6	2.96
102	102+10	RT.	PP/RCP, 24 in. x 28 ft.		28							6	2.59
103	102+82	RT.	PP/RCP, 24 in. x 28 ft.		28							6	2.59
104	103+24	RT.	PP/RCP, 24 in. x 30 ft.		30							6	2.78
105	107+22	RT.	PP/RCP, 24 in. x 44 ft.		44							6	4.07
106	110+82	RT.	PP/RCP, 30 in. x 56 ft.			56						8	7.60
107	111+60	RT.	PP/RCP, 30 in. x 20 ft.			20						8	2.72
108	111+70	RT.	CATCH BASIN (CB-02)					1				12	2.07
109	111+89	RT.	PP/RCP, 18 in. x 38 ft.	38								6	3.17
110	115+99	RT.	PP/RCP, 18 in. x 37 ft.	37								6	3.08
111	116+55	RT.	PP/RCP, 18 in. x 47 ft.	47								6	3.92
112	122+58	RT.	PP/RCP, 24 in. x 32 ft.	32								6	2.67
113	123+53	RT.	PP/RCP, 24 in. x 40 ft.	40								6	3.33
201	111+70	LT. & RT.	RCP, 30 in. x 29 ft.				29					8	4.30
301	110+15	LT.	PP/RCP, 18 in. x 27 ft.	27								6	2.25
302	100+18	LT.	CATCH BASIN (CB-01)					1				12	1.56
303	100+30	LT.	PP/RCP, 18 in. x 26 ft.	26								6	2.17
304	115+77	LT.	PP/RCP, 18 in. x 82 ft.	82								6	6.83
305	120+67	LT.	PP/RCP, 18 in. x 32 ft.	32								6	2.67
401	116+25	LT. & RT.	PRCB, 2 - 6' W X 5' H x 42 ft.						84	2		20	69.17
GENERAL TOTAL				361	162	76	29	1	84	2		132.5	

NOTE: PP MAY BE RPVC, CPEPDW, CPPPDW, OR CPPPTW AS APPLICABLE.

ABBREVIATIONS:
 PP = PLASTIC PIPE
 RPVC = RIBBED POLYVINYL CHLORIDE PIPE
 CPEPDW = CORRUGATED POLYETHYLENE PIPE
 CPPPDW = CORRUGATED POLYPROPYLENE PIPE
 CPPPTW = CORRUGATED POLYPROPYLENE PIPE
 PRCB = PRECAST REINFORCED CONCRETE BOX CULVERT
 Δ TYPE C OR C2 GRATE



Rev. No.	Date	Description

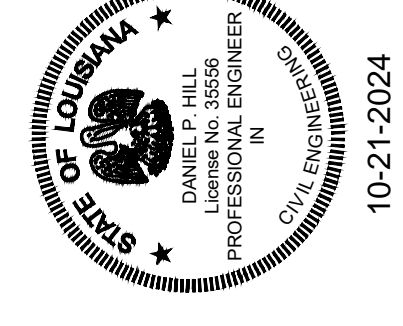


HELENBIRG RD

STRUCTURE NO.	STATION	SIDE OF C/L	DESCRIPTION	CATCH BASIN ^A		CROSS DRAIN 15" EQUIV. RCPA (LNFT)	SIDE DRAIN		BEDDING MATERIAL	
				CB-01 (EACH)	CB-02 (EACH)		15" EQUIV. RCPA (LNFT)	18" RCP (LNFT)	18" CPP (LNFT)	DEPTH (IN)
STA. ALONG HELENBIRG RD										
101	11+20	LT.	CATCH BASIN (CB-02)		1					
102	11+44	LT.	CPP, 18 in. x 48 ft.						48	2.3
103	11+68	LT.	CATCH BASIN (CB-01)	1						6
104	12+04	LT.	CPP, 18 in. x 72 ft.							12
105	12+39	LT.	CATCH BASIN (CB-01)	1					72	1.9
106	12+75	LT.	CPP, 18 in. x 72 ft.							6
107	13+11	LT.	CATCH BASIN (CB-01)	1					72	6.4
108	13+47	LT.	CPP, 18 in. x 72 ft.							12
109	13+83	LT.	CATCH BASIN (CB-01)	1					72	1.9
110	14+18	LT.	CPP, 18 in. x 72 ft.							6
111	14+54	LT.	CATCH BASIN (CB-01)	1					72	6.4
112	15+00	LT.	CPP, 18 in. x 91 ft.							12
113	15+45	LT.	CATCH BASIN (CB-01)	1					91	8.0
114	16+10	LT.	CPP, 18 in. x 130 ft.							12
115	16+75	LT.	CATCH BASIN (CB-01)	1					130	1.9
116	17+11	LT.	CPP, 18 in. x 72 ft.							6
117	17+47	LT.	CATCH BASIN (CB-01)	1					72	6.4
118	17+83	LT.	CPP, 18 in. x 72 ft.							12
119	18+20	LT.	CATCH BASIN (CB-01)	1					72	6.4
120	18+59	LT.	RCPA, 15 in. x 78 ft.			78				12
										6
										7.2
200	11+71	LT.	RCPA, 15 in. x 32 ft.			32				6
201	14+57	LT.	RCPA, 15 in. x 32 ft.			32				6
										3.0
300	88+12	LT.	RCP, 18 in. x 32 ft.					32		6
301	88+28	LT.	CATCH BASIN (CB-01) TO MH	1						2.9
302	88+25	LT.	RCP, 18 in. x 16 ft.					16		12
303	88+23	LT.	CATCH BASIN (CB-01)	1						1.9
304	88+24	LT.	RCP, 18 in. x 16 ft.					16		6
305	88+60	LT.	CATCH BASIN (CB-01)	1						1.5
306	88+60	LT.	RCP, 18 in. x 38 ft.					38		12
307	88+61	LT.	CATCH BASIN (CB-01) TO MH	1						1.9
308	88+73	LT.	RCP, 18 in. x 24 ft.					24		6
										2.2
MICHAEL CT EXTENSION	95+74	LT.	RCP, 18 in. x 8 ft.					8		6
MICHAEL CT EXTENSION	96+06	LT.	RCP, 18 in. x 8 ft.					8		0.7
GENERAL TOTAL				13	1	64	78	142	701	115

NOTE: CPP MAY BE RPVC, CPEPDW, CPPPDW, OR CPPPTW AS APPLICABLE.

ABBREVIATIONS:
 CPP = CORRUGATED PLASTIC PIPE
 RCP = CORRUGATED POLYPROPYLENE PIPE
 RCPA = RIBBED POLYPROPYLENE PIPE
 CPEPDW = CORRUGATED POLYPROPYLENE PIPE DOUBLE WALLED
 CPPPDW = CORRUGATED POLYPROPYLENE PIPE DOUBLE WALLED
 CPPPTW = CORRUGATED POLYPROPYLENE PIPE TRIPLE WALLED
 A TYPE C OR C2 GRATE



St. Tammany Parish
 Department of Engineering
 P.O. Box 628 Covington, LA 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

Rev. No.	Date	Description

HELENBIRG RD
 SUMMARY OF DRAINAGE STRUCTURES

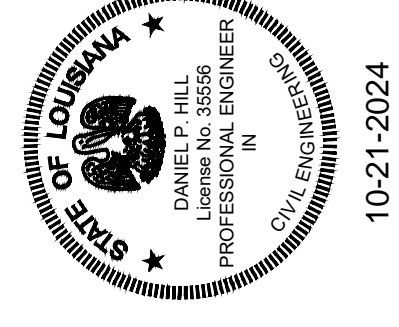
Project No. _____
 Sheet _____
 Date 10/15/2024
 Scale NTS
 Drawn By JES

MIRE DR

STRUCTURE NO.	STATION	SIDE OF C/L	DESCRIPTION	CATCH BASIN ^A		CROSS DRAIN		SIDE DRAIN		BEDDING MATERIAL	
				CB-01 (EACH)	30" EQUIV. RCPA (LNFT)	18" EQUIV. RCPA (LNFT)	24" EQUIV. RCPA (LNFT)	18" CPP (LNFT)	DEPTH (IN)	CU. YD.	
STA. ALONG MIRE DR											
100	10+50	RT.	CPP, 18 in. x 24 ft.						24	6	2.1
101	10+62	RT.	CATCH BASIN (CB-01)	1						12	1.9
102	10+98	RT.	CPP, 18 in. x 72 ft.						72	6	6.4
103	11+33	RT.	CATCH BASIN (CB-01)	1						12	1.9
104	11+69	RT.	CPP, 18 in. x 72 ft.						72	6	6.4
105	12+05	RT.	CATCH BASIN (CB-01)	1						12	1.9
106	12+42	RT.	CPP, 18 in. x 72 ft.						72	6	6.4
107	12+78	RT.	CATCH BASIN (CB-01)	1						12	1.9
108	13+14	RT.	CPP, 18 in. x 72 ft.						72	6	6.4
109	13+50	RT.	CATCH BASIN (CB-01)	1						12	1.9
110	13+90	RT.	CPP, 18 in. x 80 ft.						80	6	7.1
111	14+30	RT.	CATCH BASIN (CB-01)	1						12	1.9
112	14+46	RT.	CPP, 18 in. x 32 ft.						32	6	2.8
APPROX. STA ALONG MIRE DR											
ADDRESS 21315	34+22	LT.	RCPA, 18 in. x 32 ft.						32	6	3.2
ADDRESS 21331	36+25	LT.	RCPA, 18 in. x 24 ft.						24	6	2.4
ADDRESS 21347	37+56	LT.	RCPA, 18 in. x 24 ft.						24	6	2.4
BEFORE ADDRESS 21303	38+17	LT. & RT.	RCPA, 30 in. x 32 ft.		32					6	3.9
ADDRESS 21353	39+60	LT.	RCPA, 24 in. x 24 ft.					24		6	2.6
ADDRESS 21437	46+52	LT.	RCPA, 18 in. x 24 ft.					24		6	2.4
ADDRESS 21458	48+40	RT.	RCPA, 18 in. x 24 ft.					24		6	2.4
VFW ADDRESS 21470	49+11	RT.	RCPA, 18 in. x 40 ft.					40		6	4.0
ADDRESS 21504	53+17	RT.	RCPA, 18 in. x 40 ft.					40		6	4.0
GENERAL TOTAL				6	32	208	24	400			76

NOTE: CPP MAY BE RPVOP, CPEDPW, CPDPPDW, OR CPPPTW AS APPLICABLE.

ABBREVIATIONS:
 CPP = CORRUGATED PLASTIC PIPE
 RPVOP = RIBBED VULCANIZED POLYETHYLENE PIPE
 CPEDPW = CORRUGATED POLYETHYLENE PIPE
 CPDPPDW = CORRUGATED POLYPROPYLENE PIPE
 CPPPTW = CORRUGATED POLYPROPYLENE PIPE
 A TYPE C OR C2 GRATE



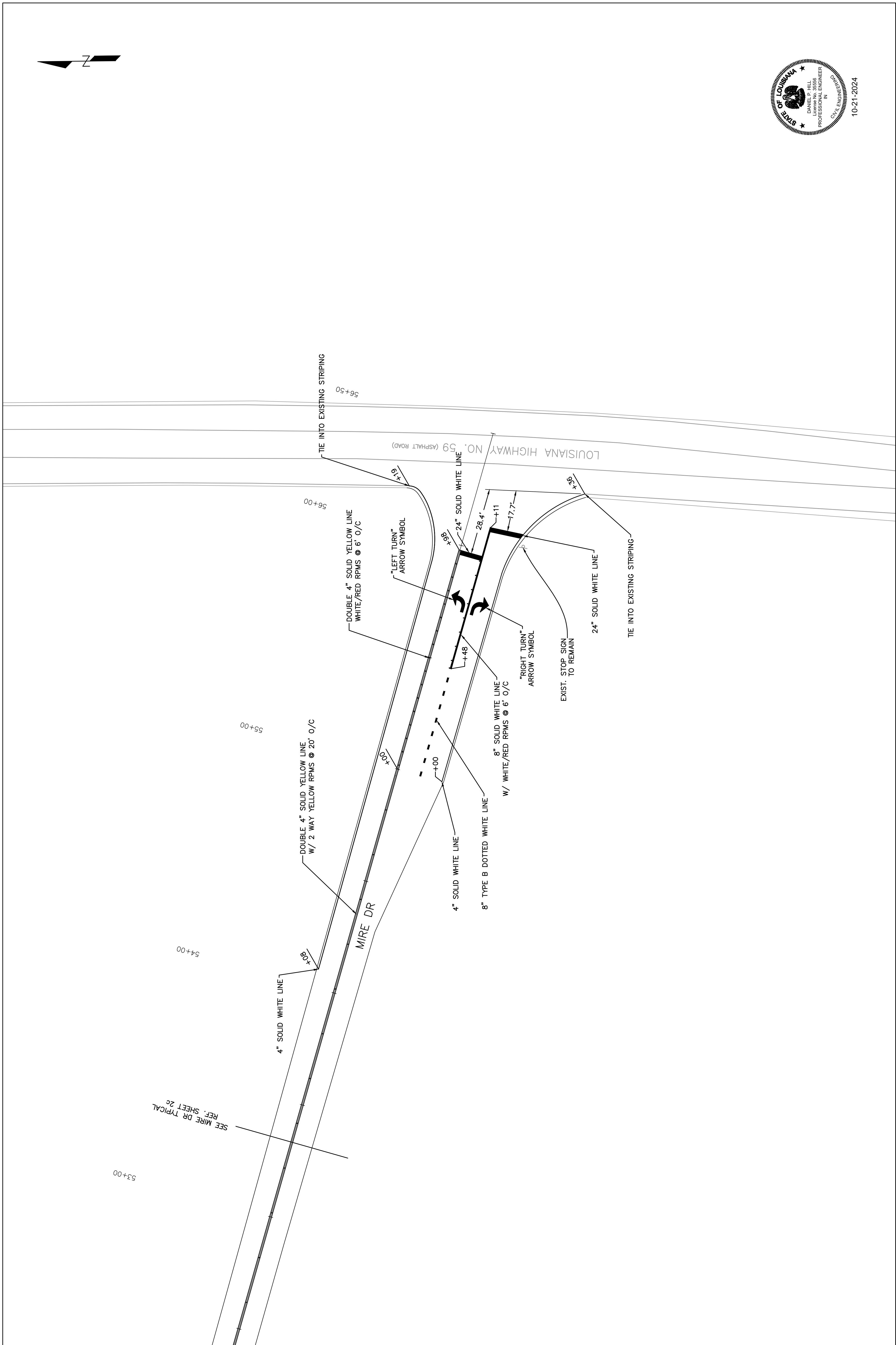
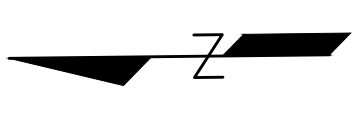
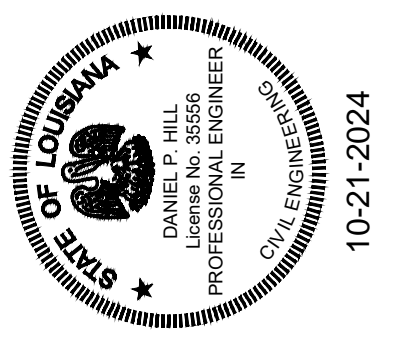
Project No.	-----
Sheet	22
Date	10/15/2024
Scale	NTS
Drawn By	JES

St. Tammany Parish
 Department of Engineering
 P.O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@spgov.org

Rev. No.	Date	Description

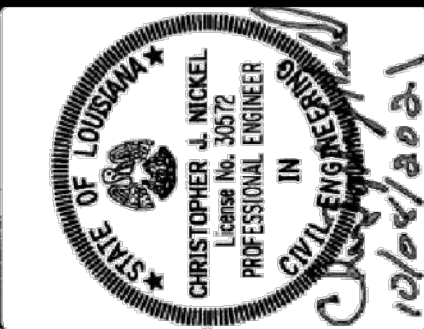
MIRE DR
 SUMMARY OF DRAINAGE STRUCTURES

Rev. No.	Date	Description



DESIGN	CHEK	PARISH
DETAIL	LPH	
CHECK	AMM	
REVIEW	CAN	
SERIES #	1 OF 2	
STATE PROJECT		

DATE: 11/16/2021
 APPROVED BY CHIEF ENGINEER:
 [Signature]

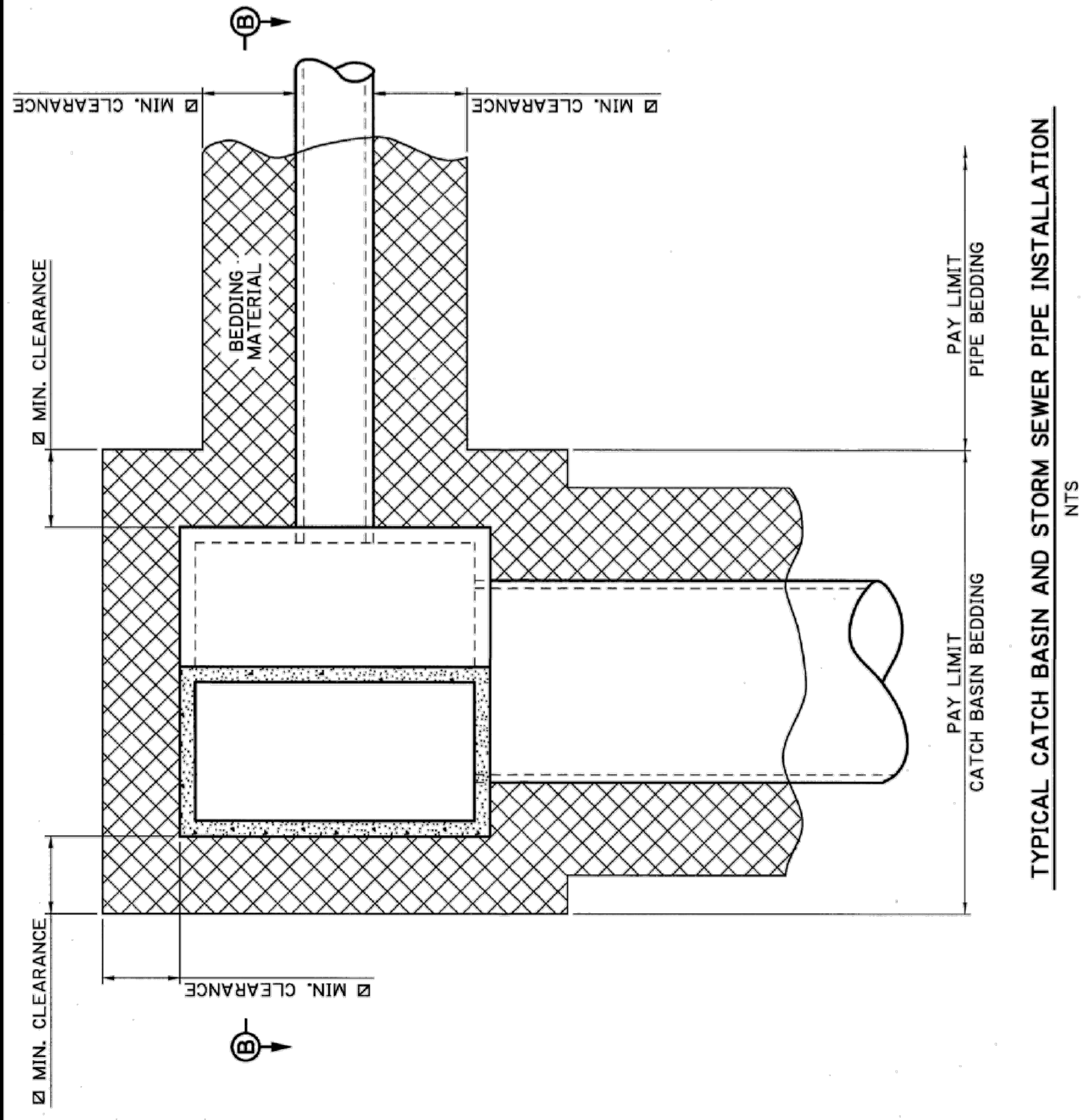
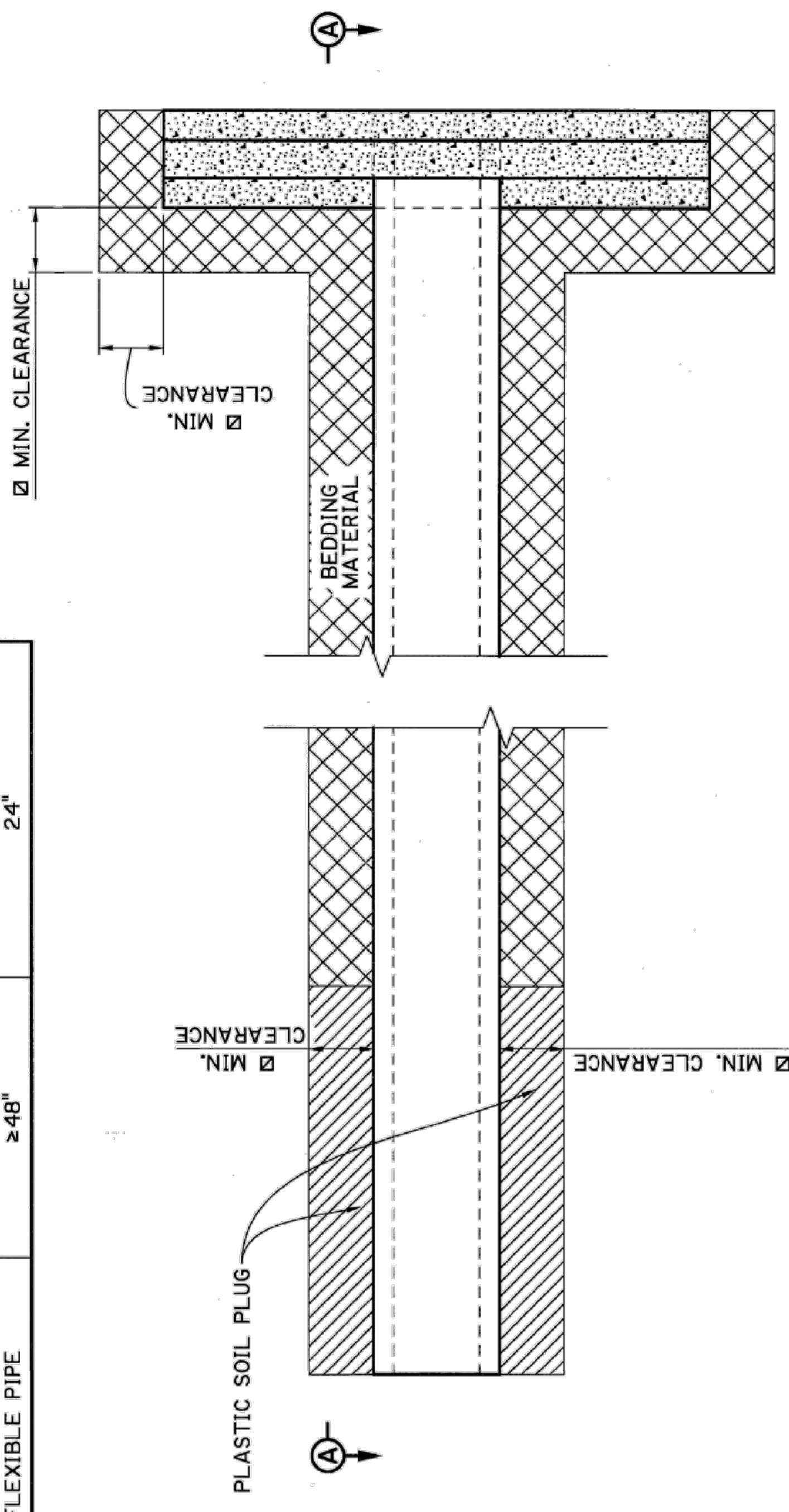


STANDARD PLAN BM-01
DRAINAGE STRUCTURES
BEDDING & BACKFILL

LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT
DOTD
 PAVEMENT & GEOTECHNICAL SERVICES

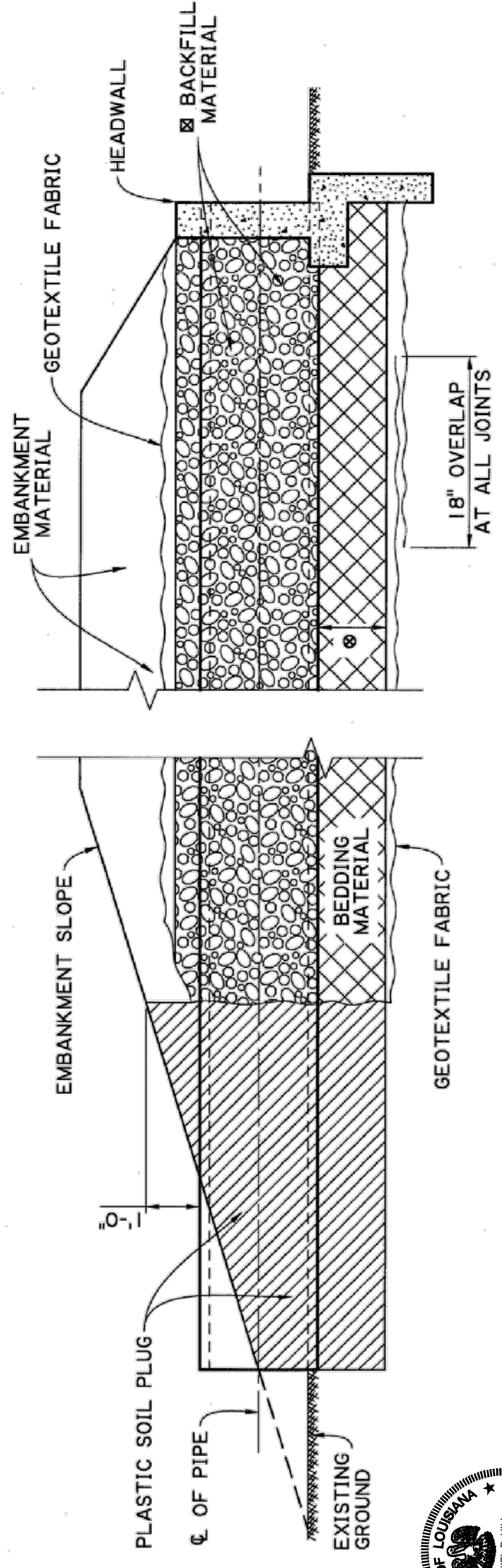
- GENERAL NOTES :**
1. REINFORCED CONCRETE PIPE AND FLEXIBLE PIPE ARE SHOWN AS TYPICAL STRUCTURES. DETAILS ALSO APPLY TO REINFORCED CONCRETE BOX CULVERT, REINFORCED CONCRETE PIPE ARCH, CORRUGATED METAL PIPE ARCH, AND CORRUGATED STRUCTURAL PLATE STRUCTURES.
 2. CONSTRUCTION COVER REQUIREMENTS MAY EXCEED FINAL COVER. SEE SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.
 3. CROSS DRAIN DETAILS APPLY TO ALL REACHES OF PIPE UNDER RIGID OR FLEXIBLE ROADWAYS.
 4. TRENCH SAFETY STANDARDS SHALL BE IN ACCORDANCE WITH SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.

MINIMUM TRENCH CLEARANCE		
TYPE OF PIPE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE PIPE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"

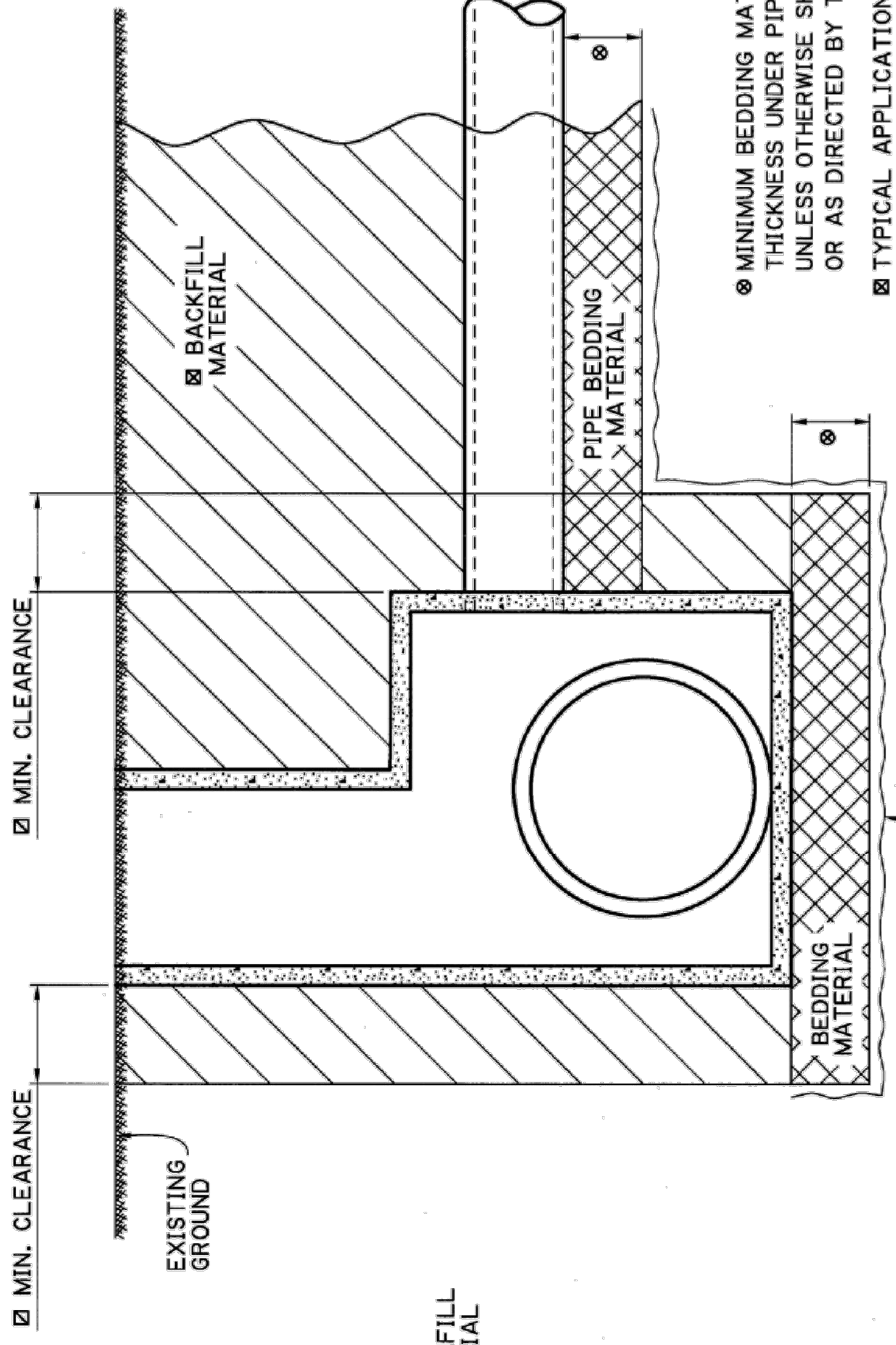


TYPICAL CATCH BASIN AND STORM SEWER PIPE INSTALLATION
 NTS

TYPICAL CROSS DRAIN INSTALLATION
 WITH AND WITHOUT HEADWALL
 (EMBANKMENT MATERIAL NOT SHOWN FOR CLARITY)
 NTS

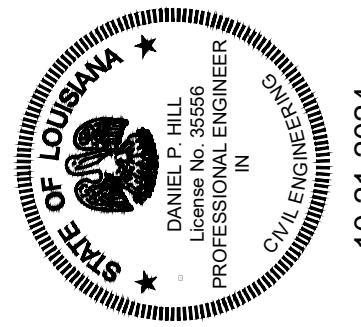


SECTION A-A
 WITH AND WITHOUT HEADWALL
 NTS



SECTION B-B
 NTS

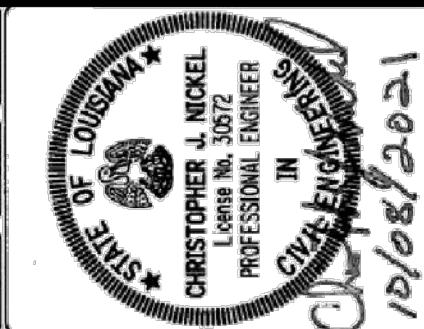
MINIMUM BEDDING MATERIAL THICKNESS UNDER PIPE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.
 TYPICAL APPLICATION SHOWN. SEE SHEET 2 OF THIS SERIES FOR BACKFILL REQUIREMENTS.



10-21-2024
 These standard plans have been properly examined by me, DANIEL P. HILL, PROFESSIONAL ENGINEER IN CIVIL ENGINEERING, and I hereby certify that they conform to the applicable codes and have been properly adapted to use on this project.

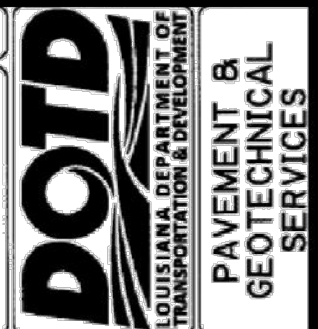
DESIGN	CHECK	PARISH
DETAIL	LFH	
CHECK	AMN	
CONTROL		
SECTION		
PROJECT		

REVIEW	CJN	SERIES #	2 OF 2
CHECK	AMN		



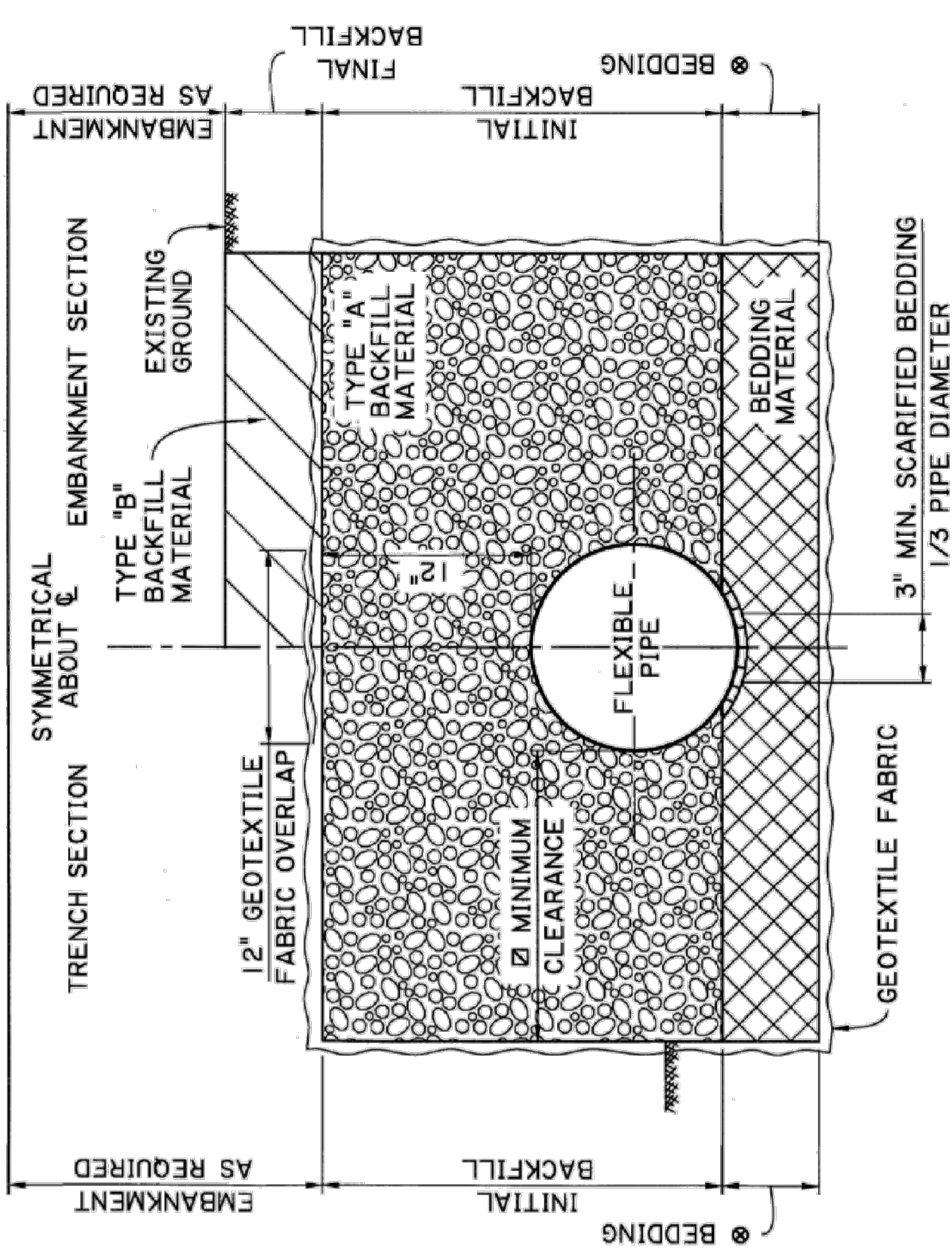
APPROVED BY CHIEF ENGINEER: *Christopher J. Nickel*
 DATE: 11/16/2021

STANDARD PLAN BM-01
TYPICAL SECTIONS FOR CROSS DRAINS & SIDE DRAINS
 DRAINAGE STRUCTURES



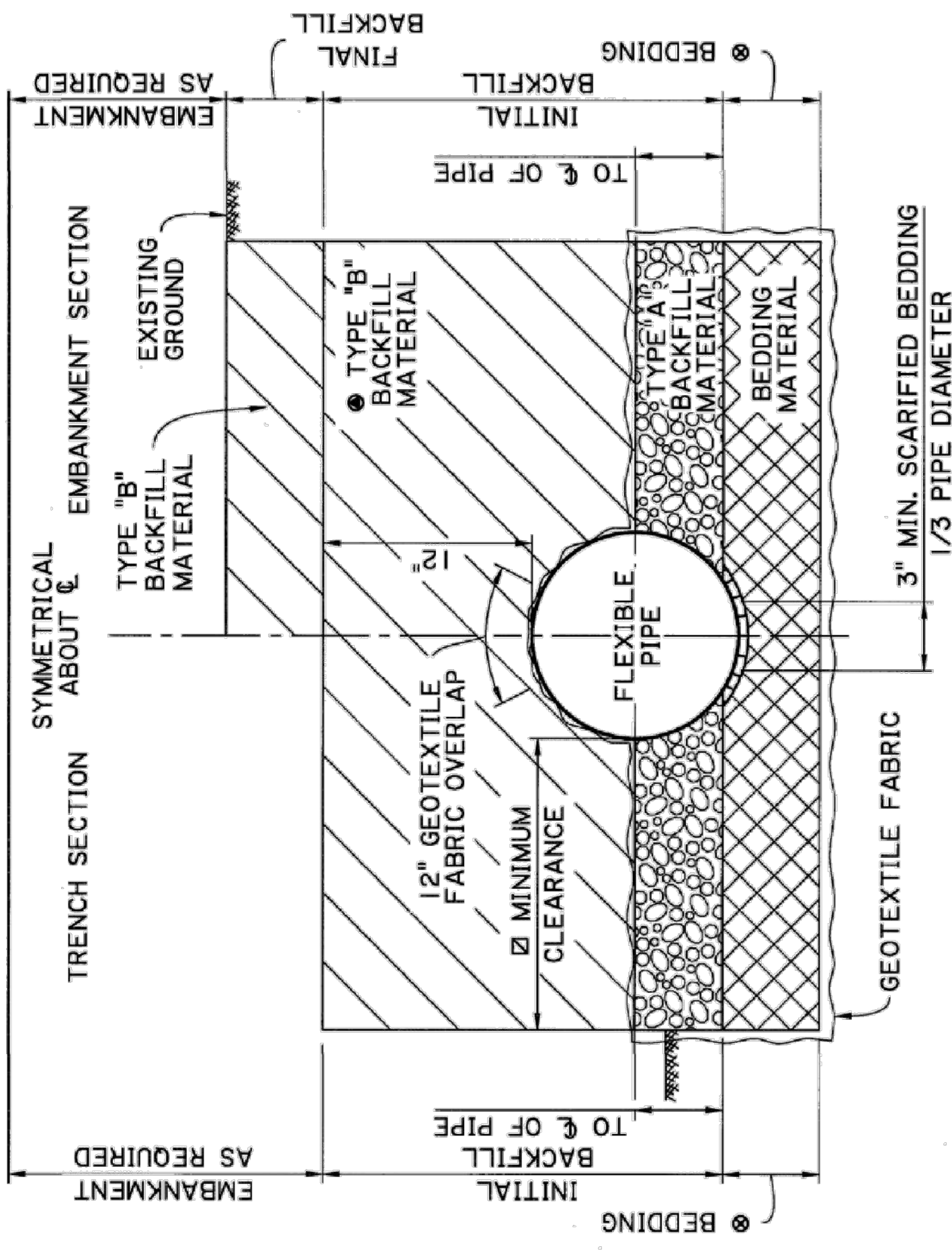
- ⊗ MINIMUM BEDDING MATERIAL THICKNESS UNDER PIPE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.
- ▲ THE NEED FOR BEDDING MATERIAL SHALL BE EVALUATED BEFORE IT IS USED.
- REFER TO NOTE 3 ON SHEET 1 OF THIS SERIES.

⊗ MINIMUM TRENCH CLEARANCE		
TYPE OF PIPE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE PIPE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"



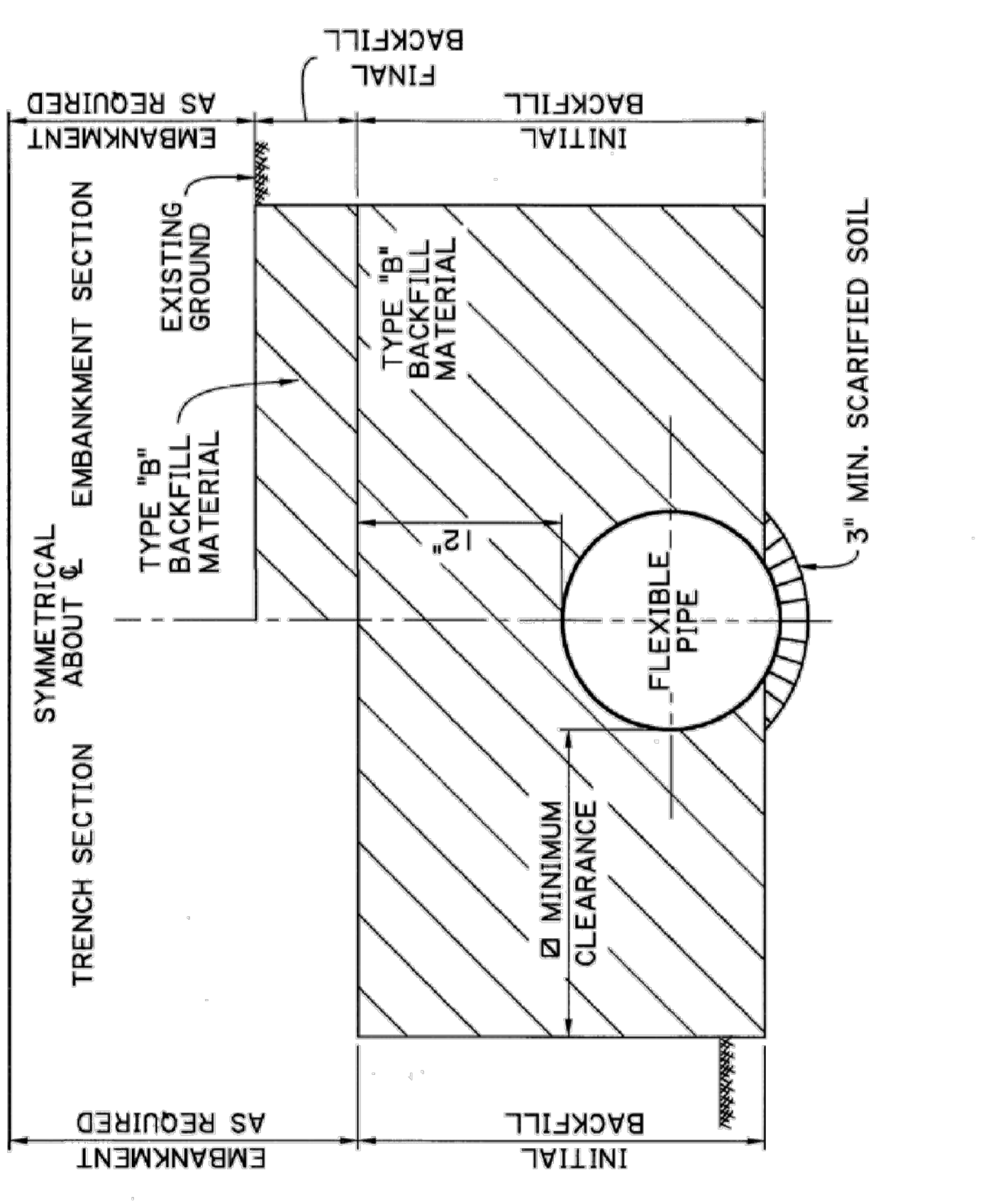
FLEXIBLE PIPE CROSS DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"



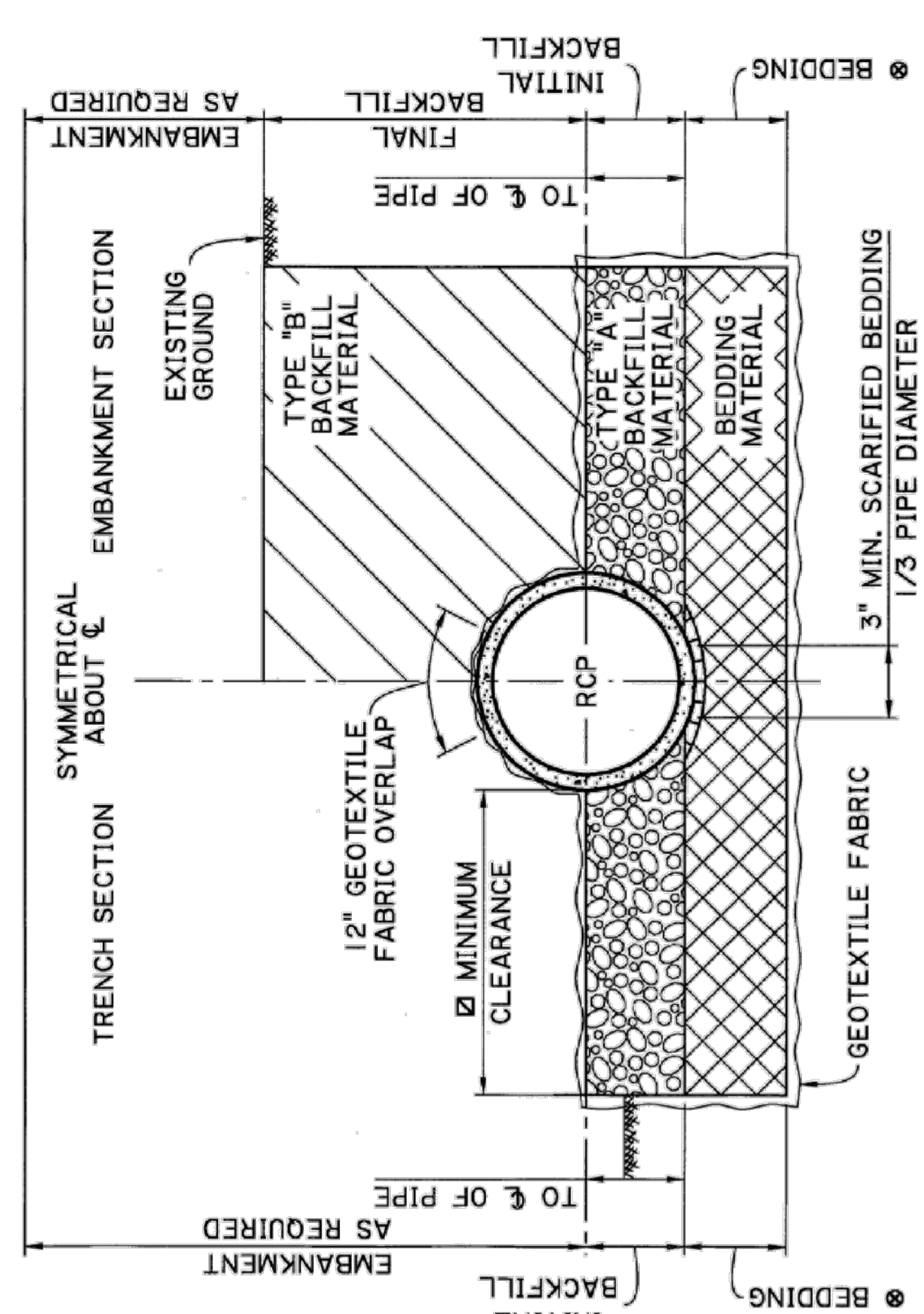
FLEXIBLE PIPE STORM DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"



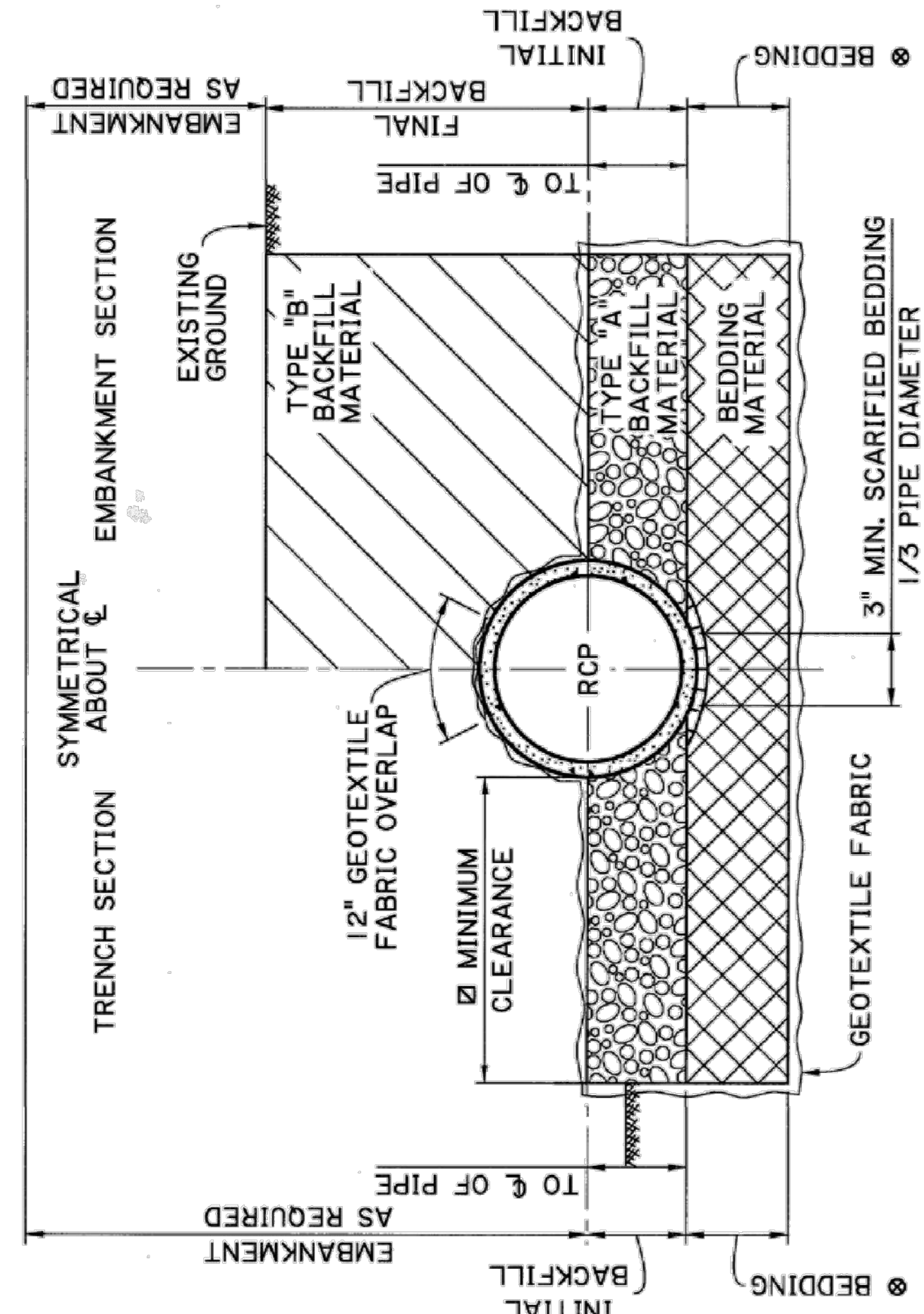
FLEXIBLE PIPE SIDE DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"



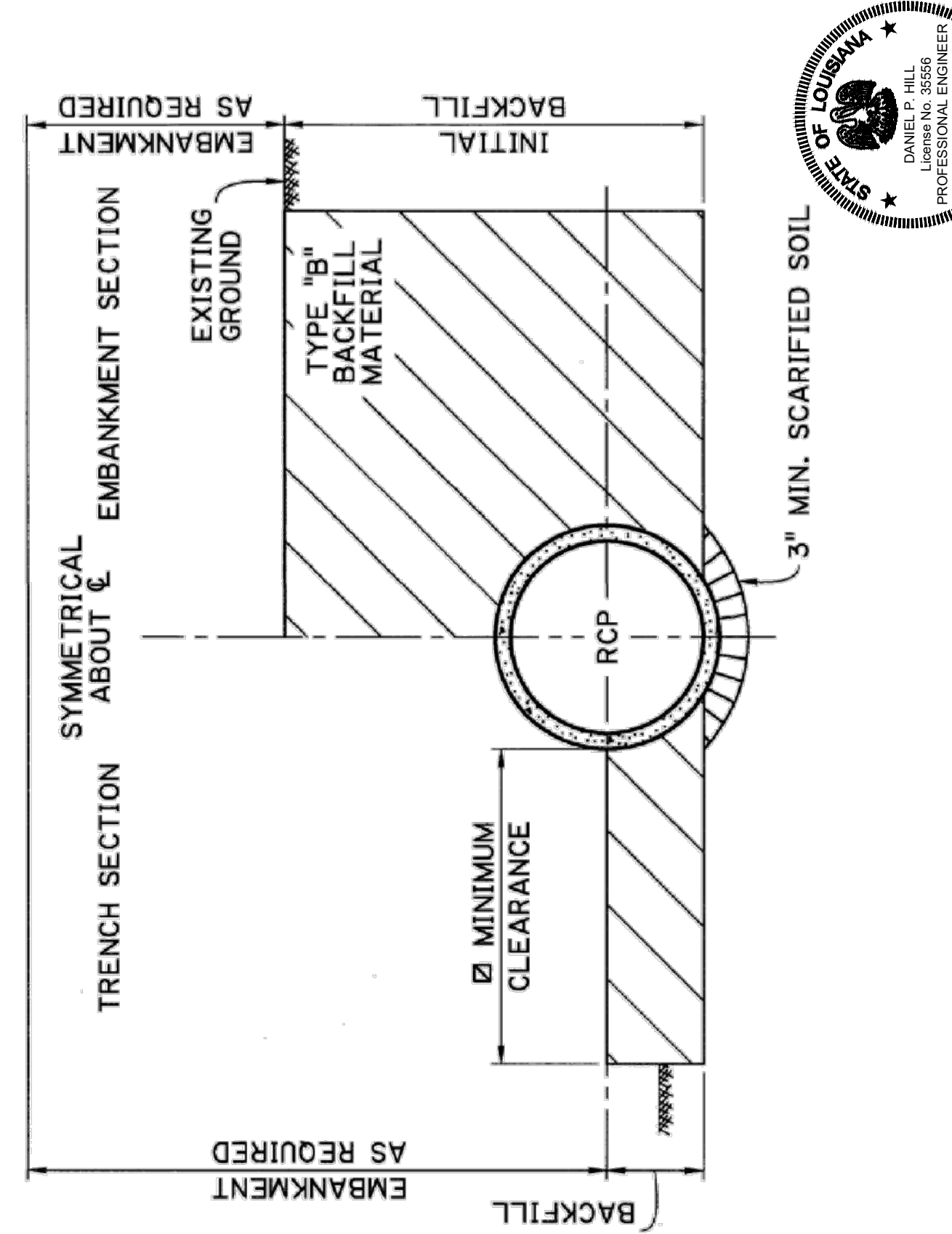
REINFORCED CONCRETE PIPE CROSS DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"



REINFORCED CONCRETE PIPE STORM DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"



REINFORCED CONCRETE PIPE SIDE DRAIN

TRENCH AND EMBANKMENT INSTALLATIONS
 SCALE: 1/2"=1'-0"

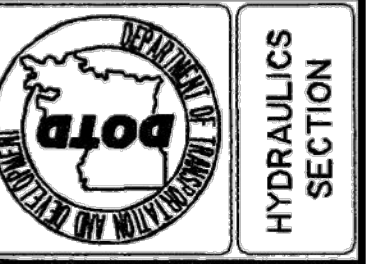


10-21-2024
 These standard plans have been properly examined by me and I hereby certify that they conform to the applicable codes and have been properly adapted to use on this project.

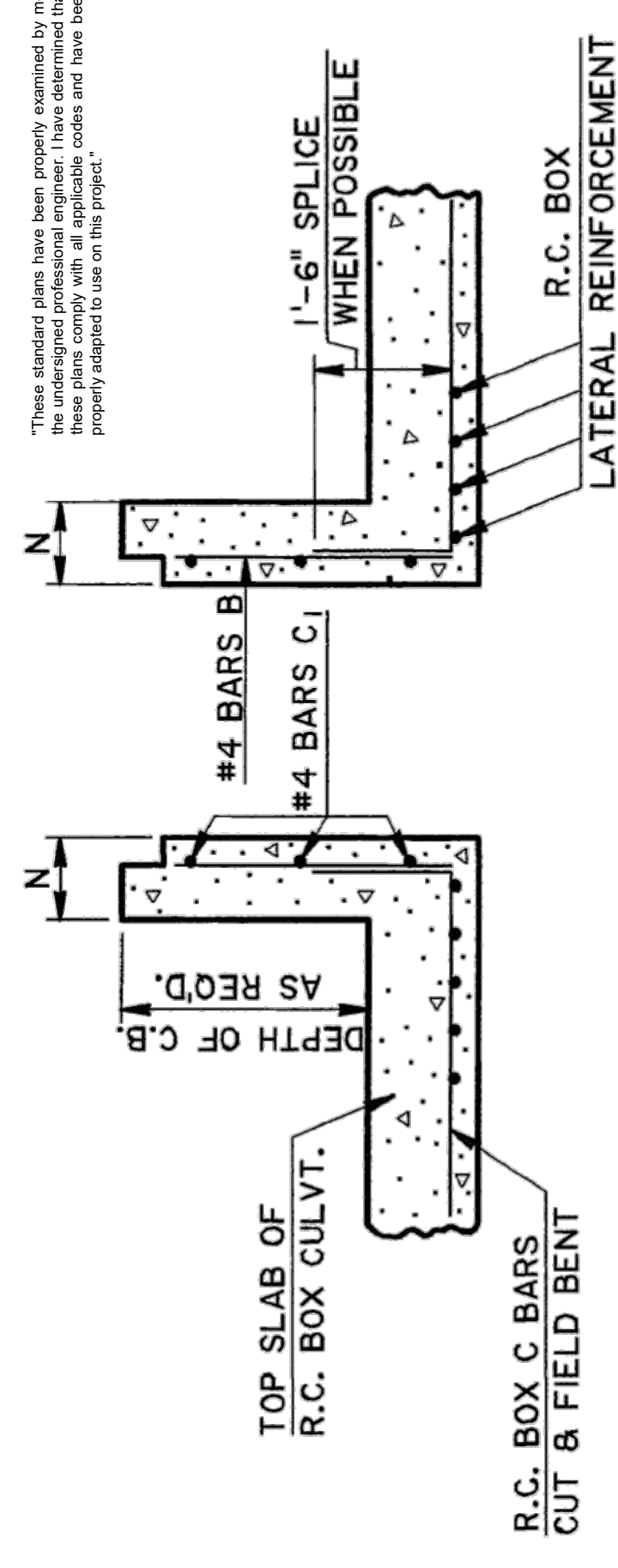
DESIGNED	PA	CHECKED	PA
DRAWN	WJR	CHECKED	WJR
DATE	1-31-97	DATE	1-31-97
PROJECT		PROJECT	
REVISION DESCRIPTION	1-2-00 Converted Metric CB-01M to English CB-01	REVISION DESCRIPTION	1-2-00 Converted Metric CB-01M to English CB-01
DATE		DATE	
APPROVED BY		APPROVED BY	
CHIEF ENGINEER		CHIEF ENGINEER	
DATE	11-2-8	DATE	11-2-8



CONCRETE OPEN TOP CATCH BASIN
 Max. Pipe: 36" x 24"
 Max. Depth: 12'
 To Be Used in Conjunction With Std. Plan MC-01

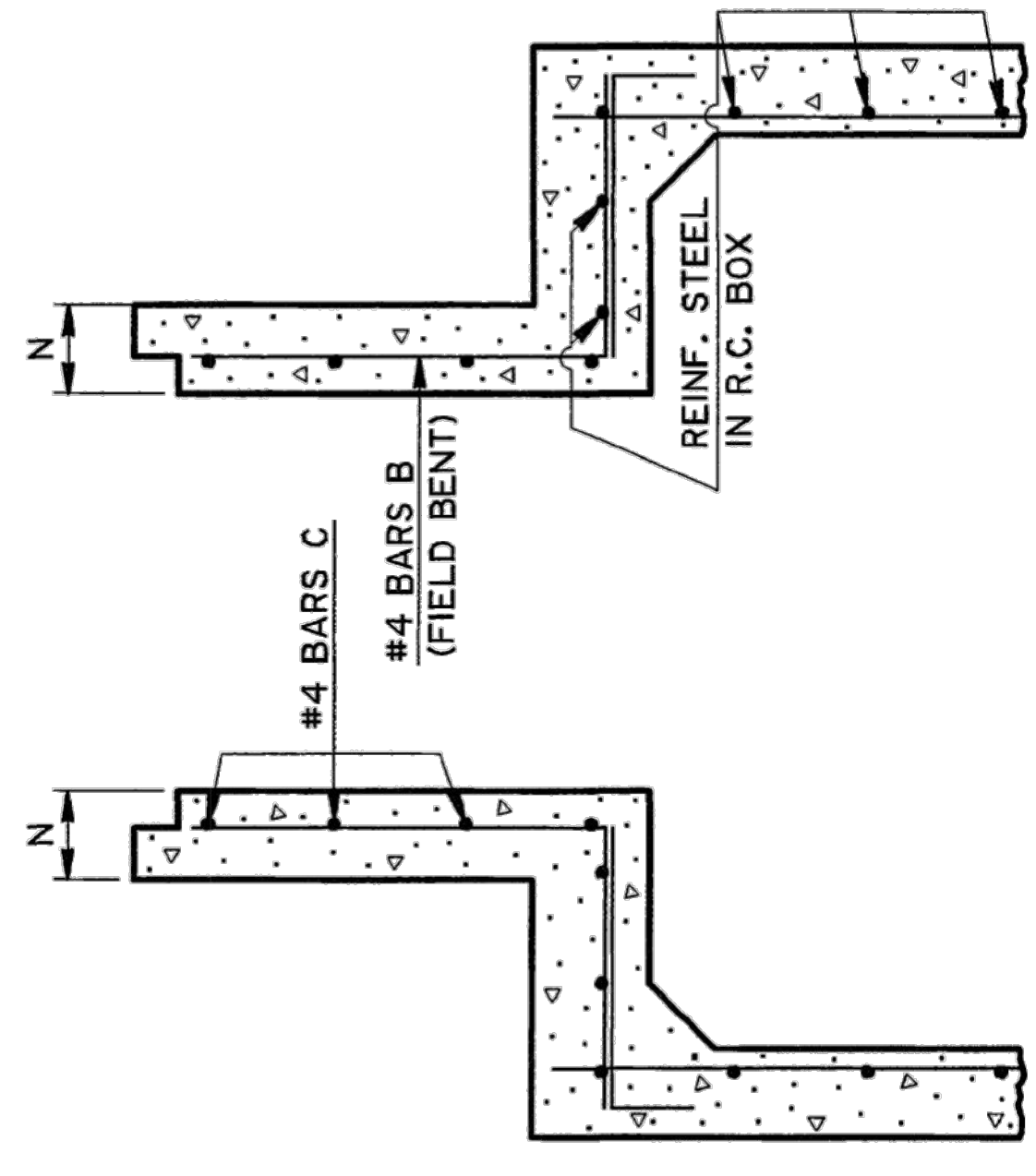
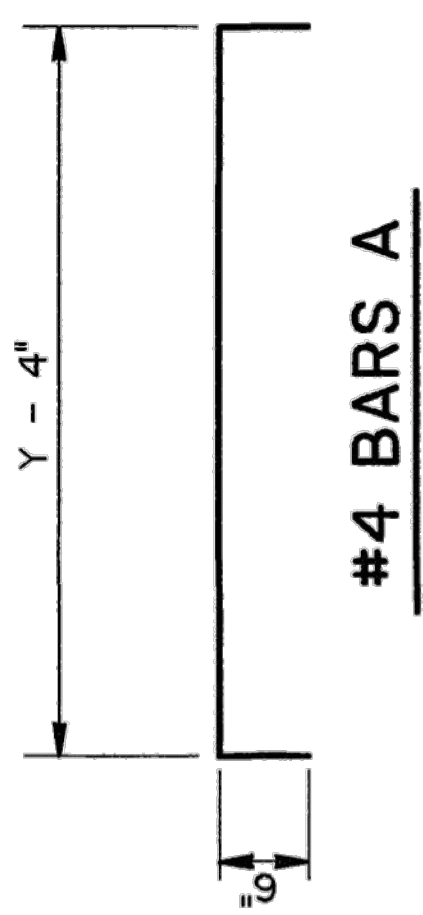


DIMENSIONS				
DEPTH OF BASIN	N	X	Y	
FT.	IN.	FT.-IN.	FT.-IN.	
0 - 8	7	4-2	3-2 1/4	
8.1 - 12	8	4-4	3-4 1/4	



LONGITUDINAL SECTION

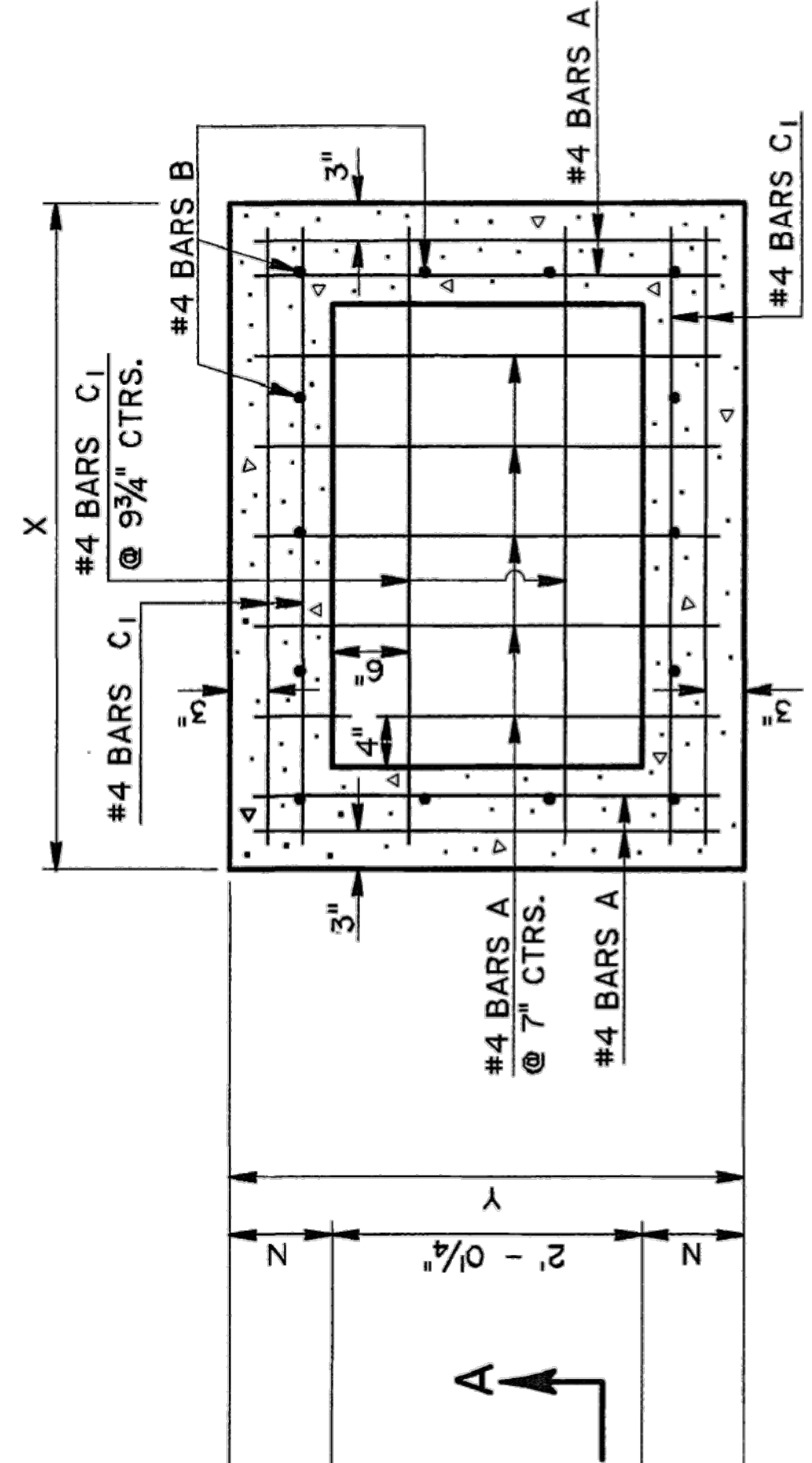
SHOWING CATCH BASIN
 USED WITH R.C. BOX CULVERT.



TRANSVERSE SECTION

SHOWING CATCH BASIN
 USED WITH R.C. BOX CULVERT.

GENERAL NOTES:
 SECTION 702 OF THE CURRENT DOTD STANDARD SPECIFICATIONS SHALL APPLY.
 DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.
 VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.
 FOR DETAILS OF GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B or C).
 SEE PLANS FOR TYPE OF GRATE TO BE USED FOR EACH CATCH BASIN.

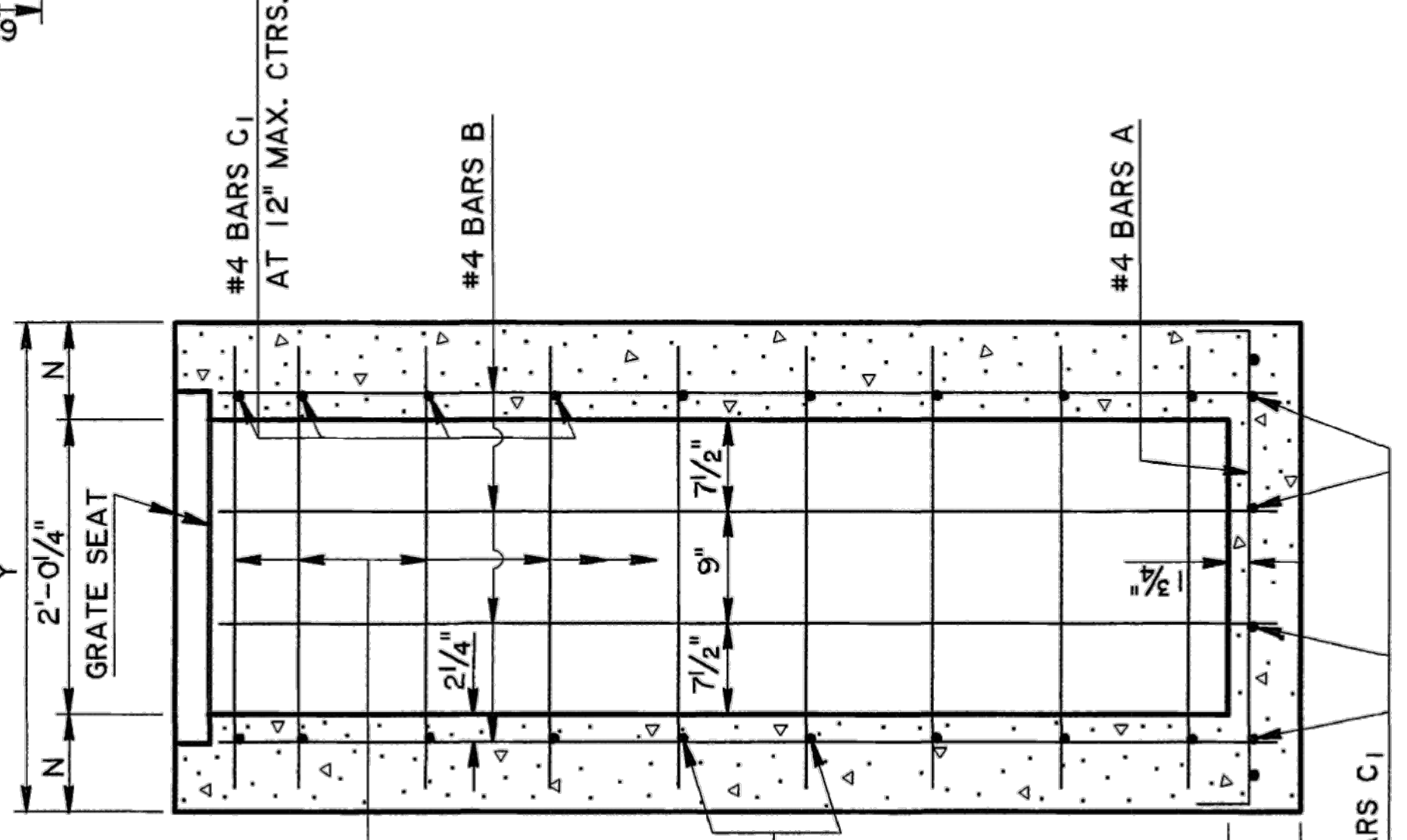


HORIZONTAL SECTION

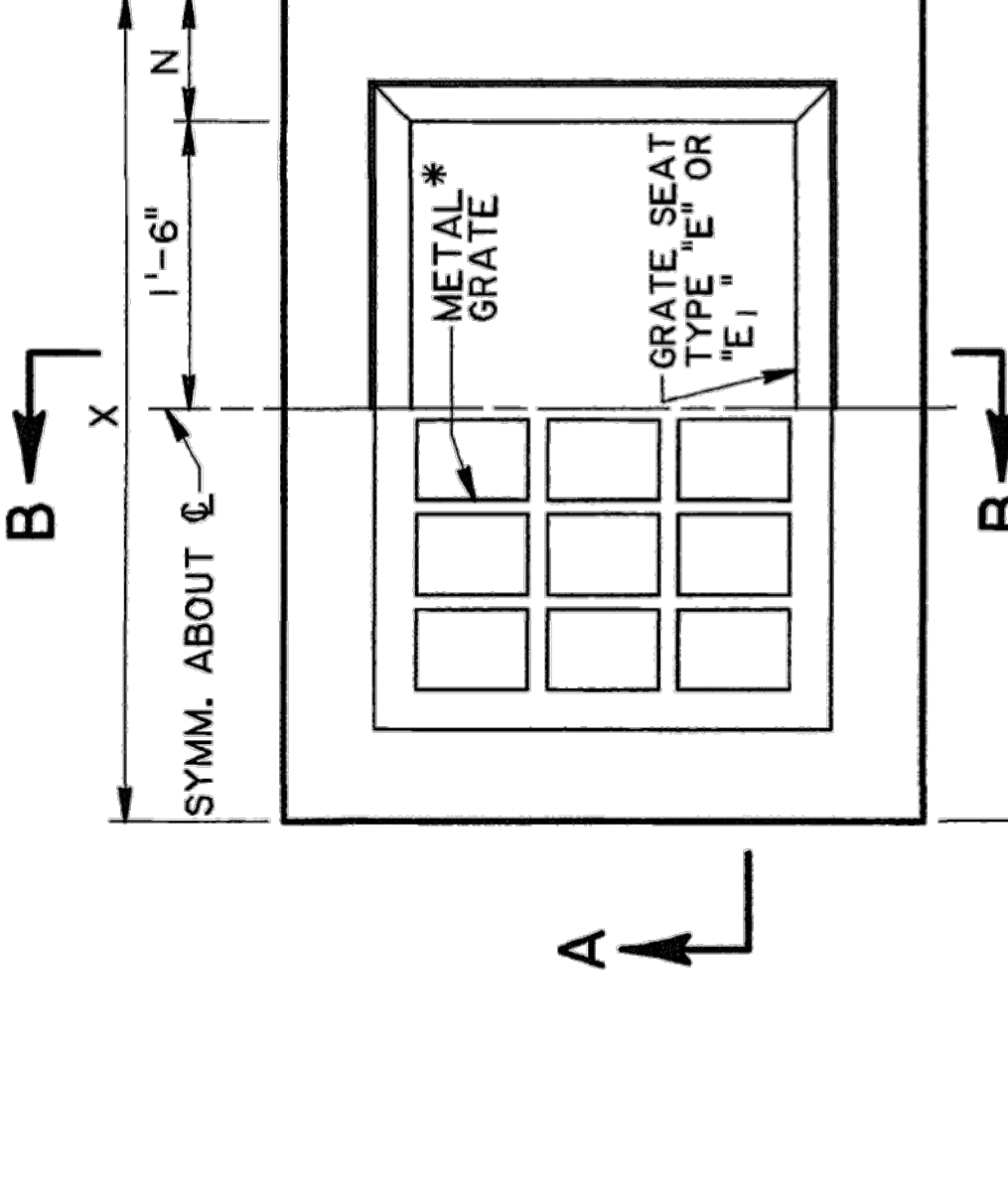
SHOWING BOTTOM SLAB REINFORCING STEEL

NOTE: TYPE "B" GRATE TO BE USED WHERE NO PEDESTRIAN TRAFFIC IS EXPECTED.

TYPE "C" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.

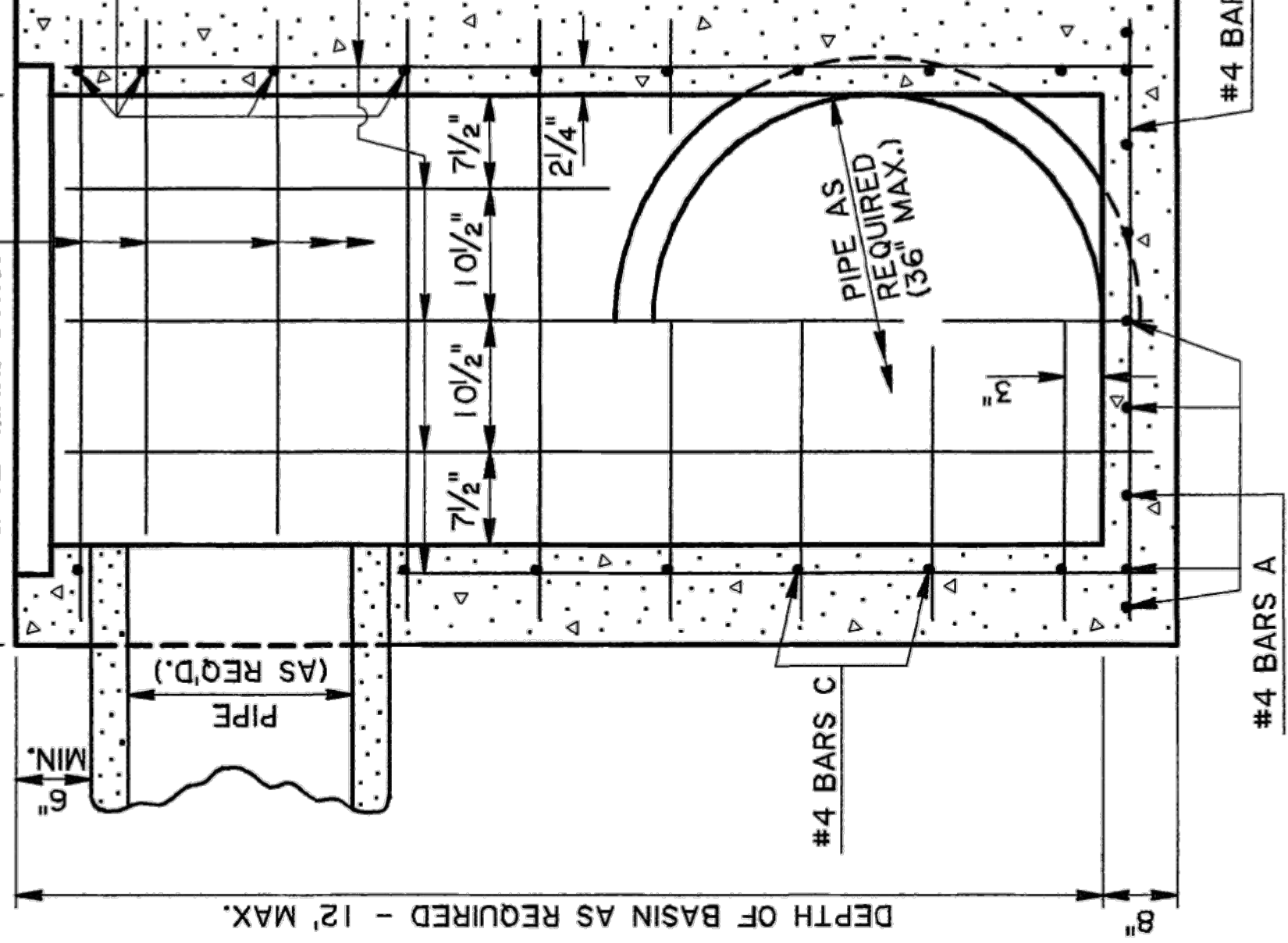


SECTION B-B



PLAN

* GRATE TO BE TYPE "B" OR "C" TYPE "B" SHOWN.



SECTION A-A

NOTE: PIPE SIZE & LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR, AS REQUIRED.

DESIGNED	PAA
CHECKED	KAW
DATE	1-31-97
PROJECT	STANDARD
FEDERAL PROJECT	CB-02
PARISH	

REVISION DESCRIPTION	11-2-00
DATE	11-2-00
BY	JCM
APPROVED BY	[Signature]
CHIEF ENGINEER	
DATE	1-2-98
PROJECT	1-OF-1

CONCRETE OPEN TOP CATCH BASIN
 Max. Depth: 72" x 42"
 Max. Pipes: 72" x 42"
 To Be Used in Conjunction With Std. Plan MC-01

STANDARD PLAN CB-02

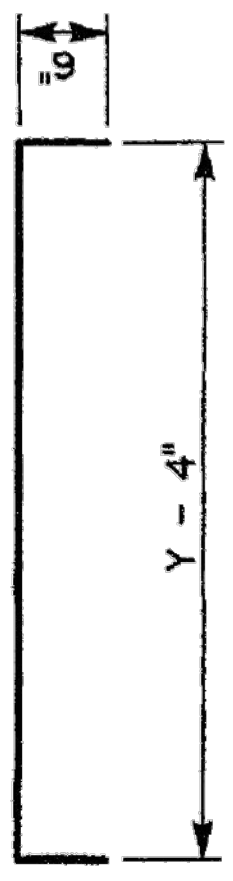
DOTD
 STATE OF LOUISIANA
 PROFESSIONAL ENGINEER
 License No. 35266
 CIVIL ENGINEER IN
 10-21-2024

HYDRAULICS SECTION

DIMENSIONS

TRUNK PIPE INCH	DEPTH TO 8'				DEPTH 8' TO 12'				
	N	T	W	X	Y	N	T	W	X
42	7	9	4-3	5-5	5-2	8	9	4-3	5-7
48	7	9	4-10	6-0	5-2	8	9	4-10	6-2
54	7	9	5-5	6-7	5-2	8	9	5-5	6-9
60	7	10	6-0	7-2	5-2	8	10	6-0	7-4
66	7	10	6-7	7-9	5-2	8	10	6-7	7-11
72	7	10	7-2	8-4	5-2	8	10	7-2	8-6

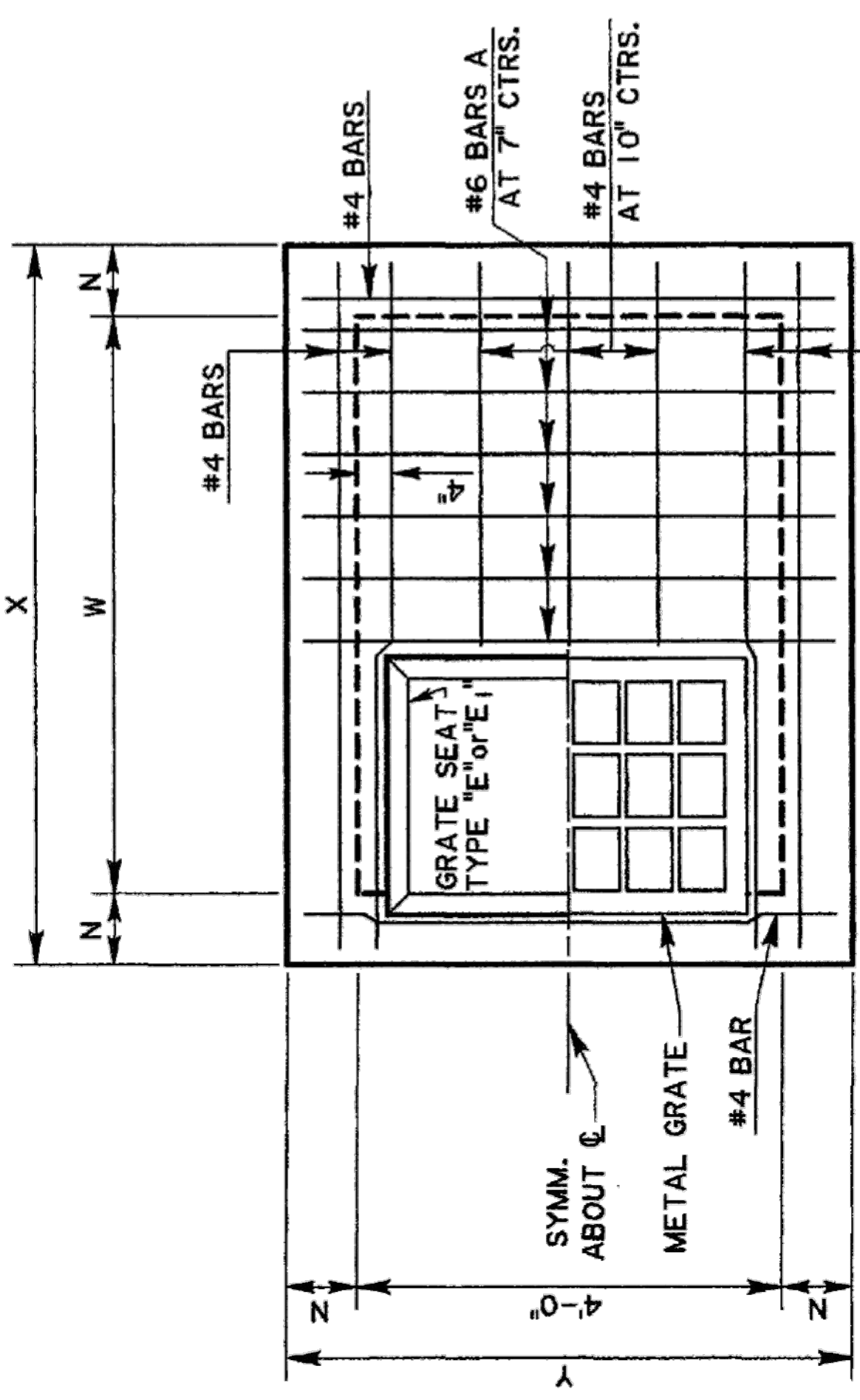
NOTE: X AND W DIMENSIONS MAY BE VARIED FOR SKEWED PIPE, BUT W SHALL NOT EXCEED 7'-2".



#6 BARS A
 (4)1/2" Diam. Pin

GENERAL NOTES:

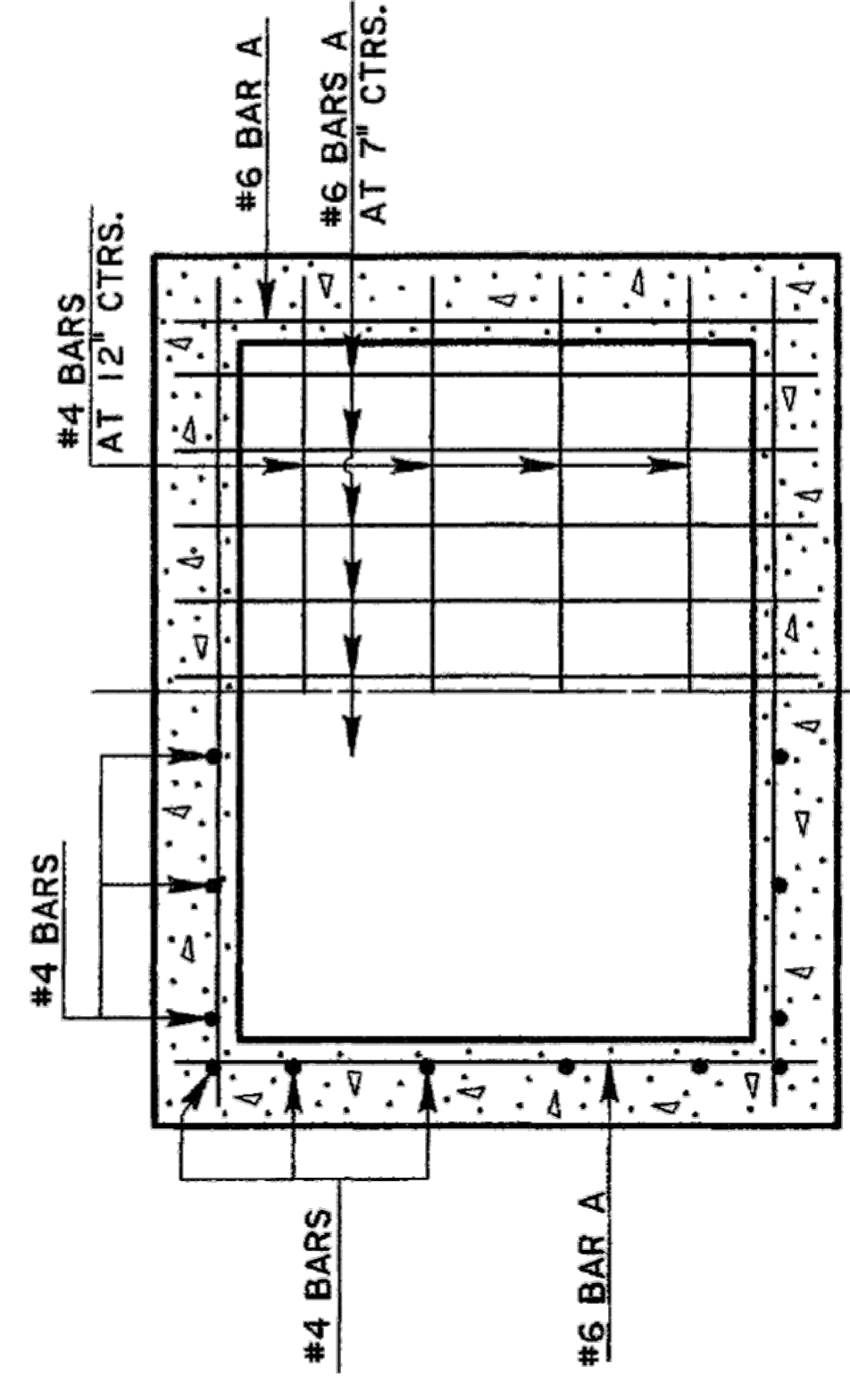
SECTION 702 OF THE CURRENT DOTD STANDARD SPECIFICATIONS SHALL APPLY.
 DIMENSIONS RELATING TO REINFORCING STEEL ARE TO BAR CENTERS.
 VERTICAL REINFORCING STEEL MAY BE SPLICED. SPLICE LENGTH IS 35 DIAMETERS.
 FOR DETAILS OF GRATE AND SEAT, SEE STD. PLAN MC-01 (TYPE B or C).
 SEE PLANS FOR TYPE OF GRATE TO BE USED FOR EACH CATCH BASIN.



NOTE: TYPE "B" GRATE TO BE USED WHERE NO PEDESTRIAN TRAFFIC IS EXPECTED.
 TYPE "C" GRATE TO BE USED WHERE PEDESTRIAN TRAFFIC IS EXPECTED.

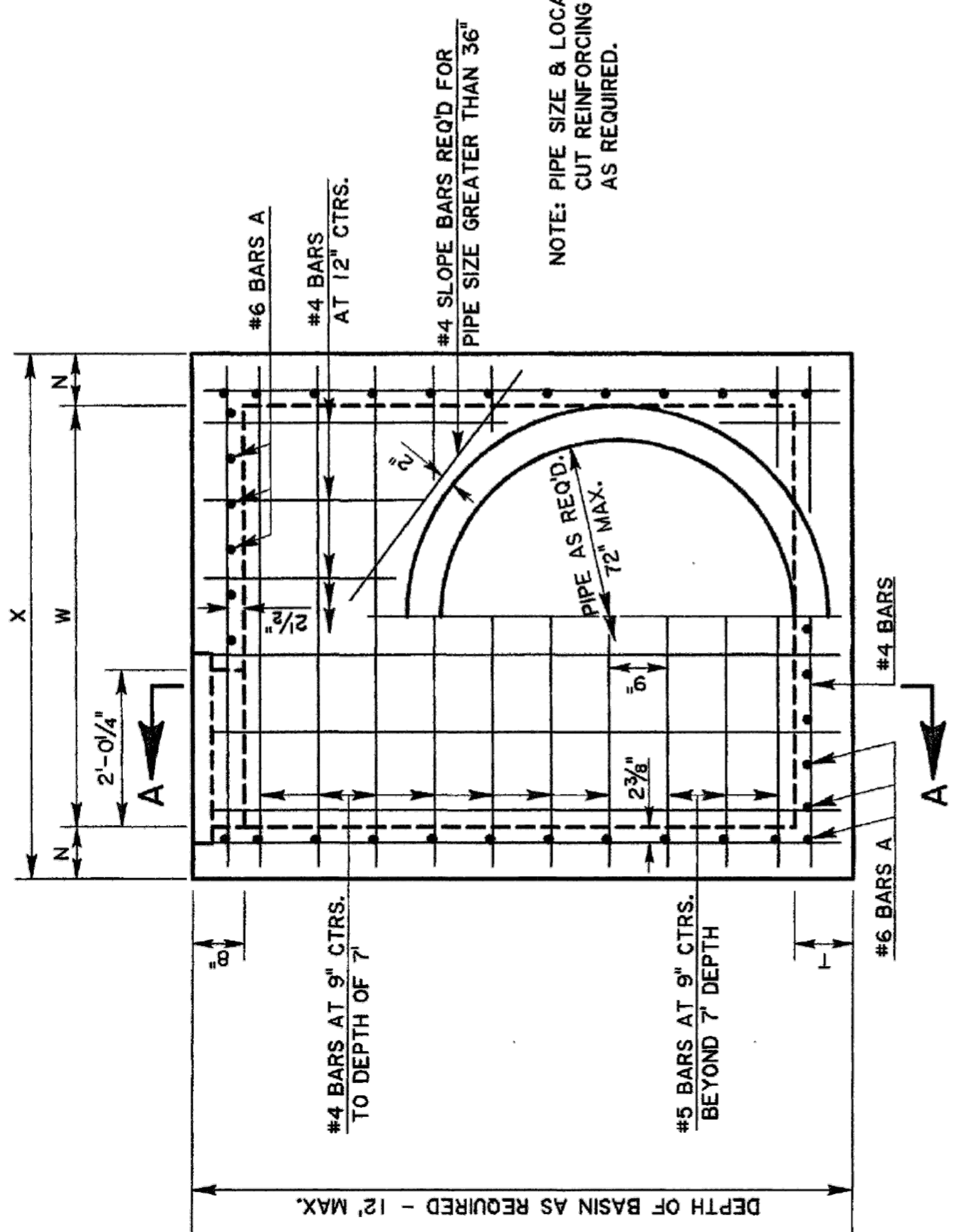
PLAN

GRATE TO BE TYPE "B" or "C".
 TYPE "B" SHOWN.



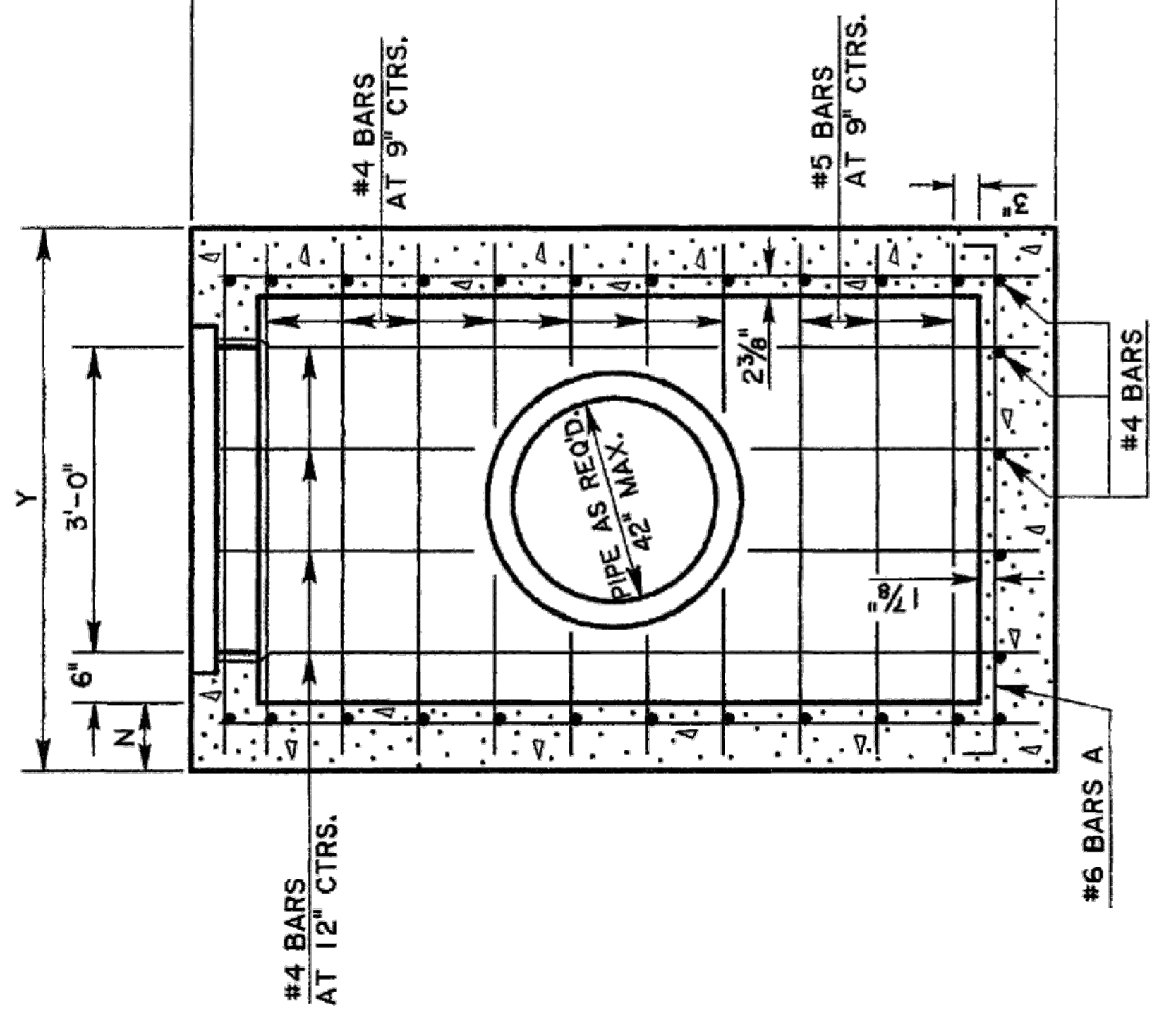
SECTIONAL PLAN

(SHOWING BOTTOM SLAB & WALLS)



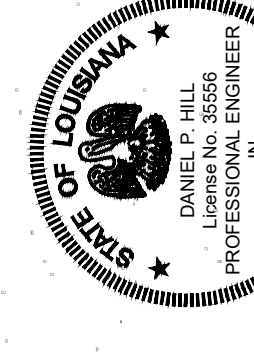
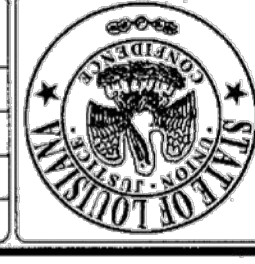
NOTE: PIPE SIZE & LOCATION VARIES. CUT REINFORCING STEEL TO CLEAR, AS REQUIRED.

ELEVATION

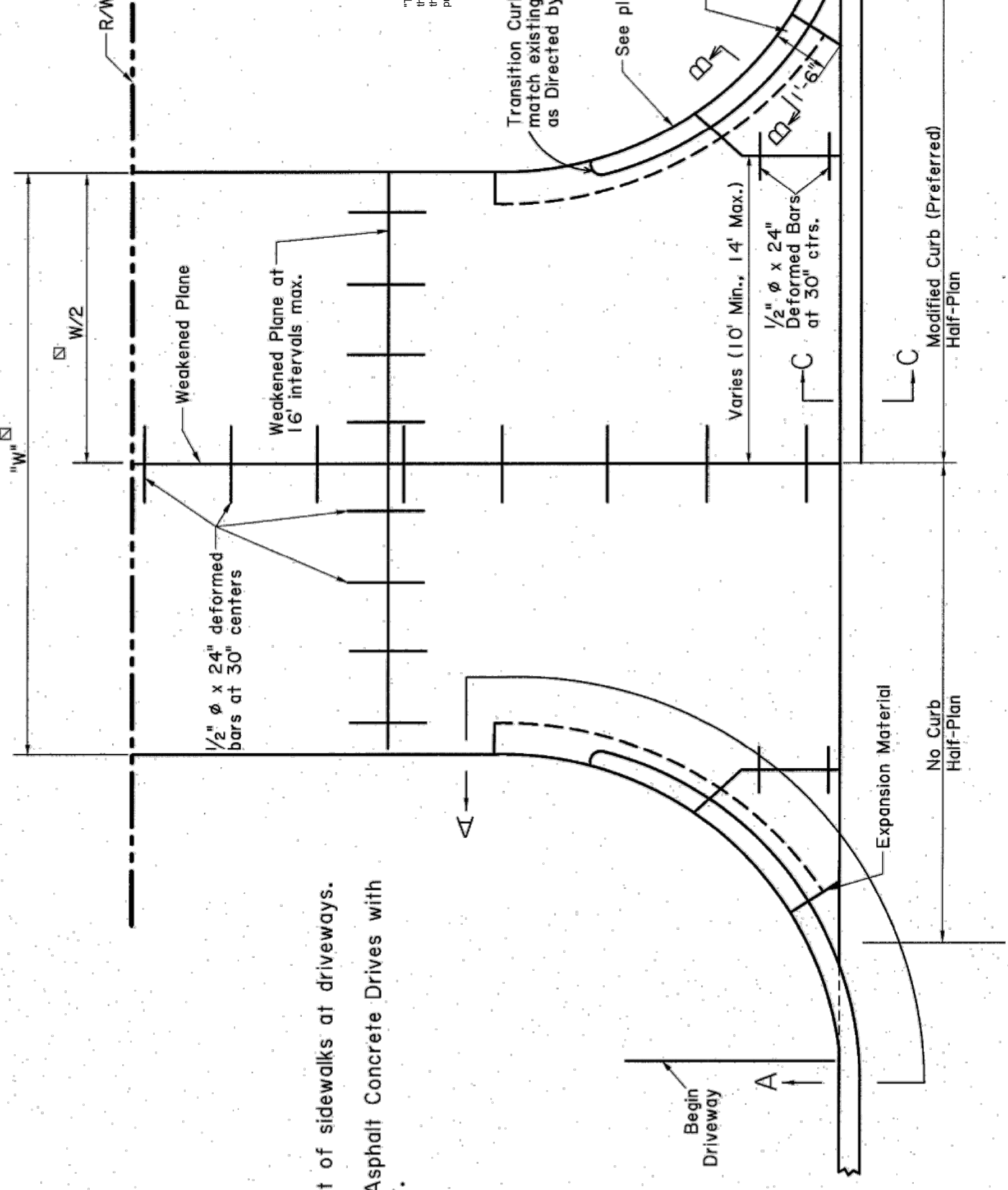


SECTION A-A

*These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that they conform to the requirements of the Code and have been properly adapted to use on this project.

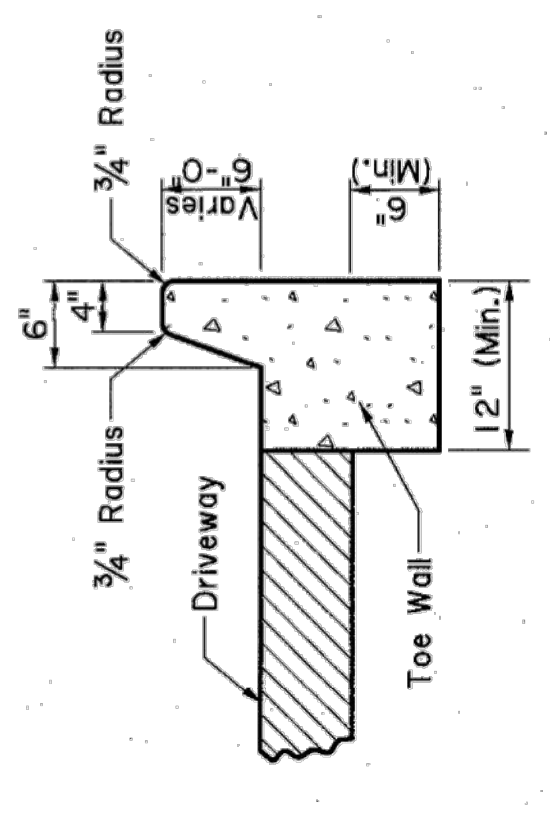


10-21-2024
 These standard plans have been prepared, submitted by me, the undersigned professional engineer, I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project.



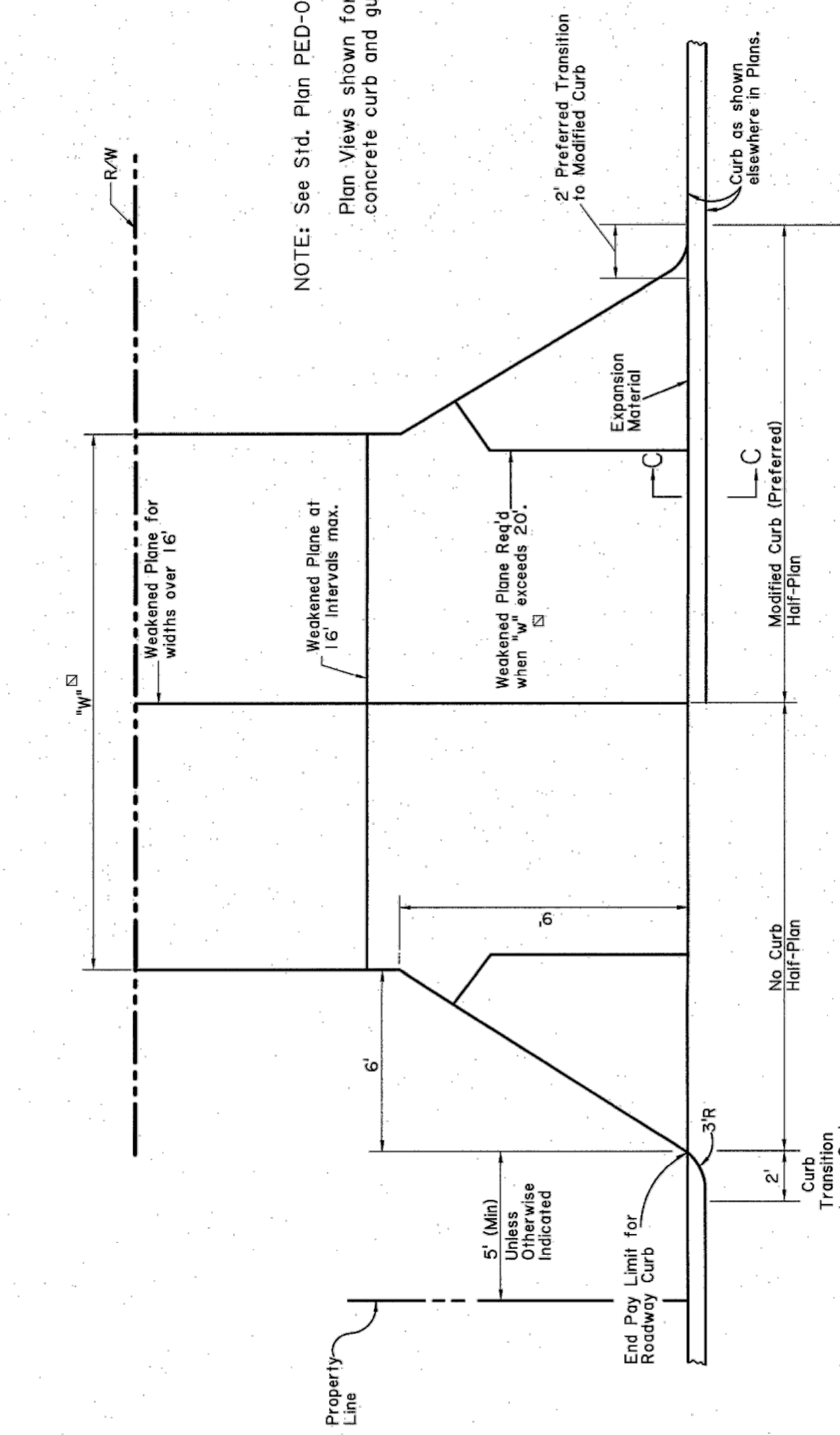
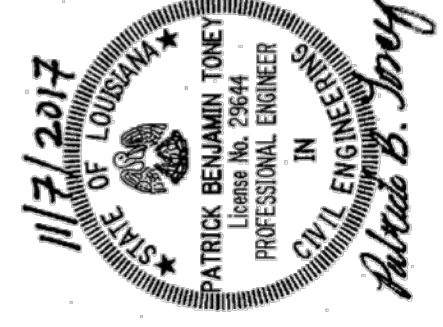
PLAN OF COMMERCIAL DRIVEWAY

NOTE: Modified Curb to be paid for as Normal Curb and will be used as shown in the plans or when directed by Project Engineer.
 When Curb is Required along Radii of Driveway, Payment for Toe Wall and Curb will be included in the price for Driveway items.
 When Curb is not Required along Radii, Transition Curb as shown on Residential Driveway.



SECTION B-B

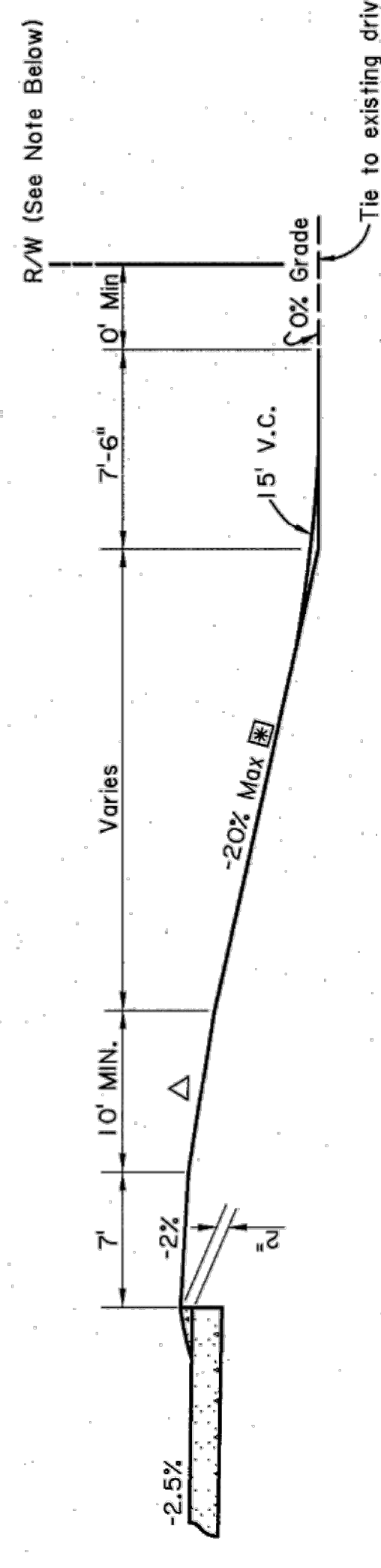
NOTE: For PCC Driveway, Curb, Toe Wall & Driveway to be poured monolithically.



PLAN OF RESIDENTIAL DRIVEWAY

NOTE: Modified Curb to be Paid for as Normal Curb and will be used as shown in the plans or when directed by Project Engineer.
 Radii transition shape may be used in lieu of flare.

☐ "W" = Width as per plans

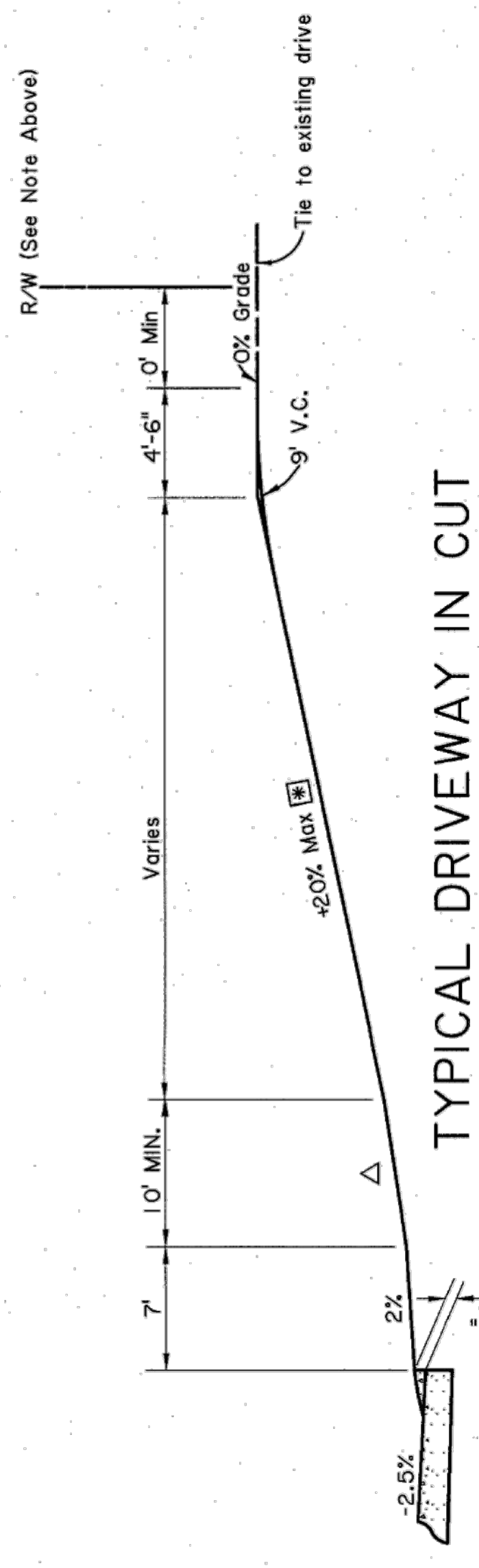


TYPICAL DRIVEWAY IN FILL

NOTE: Driveway Grades shown are Maximum. If R/W is not sufficient to construct Driveway, R/W Agreement or Construction Servitude should be secured to permit Construction of Driveway as shown.

☒ 25% Max Grade may be used in Special Cases, provided that Vertical Curve Lengths are increased accordingly.

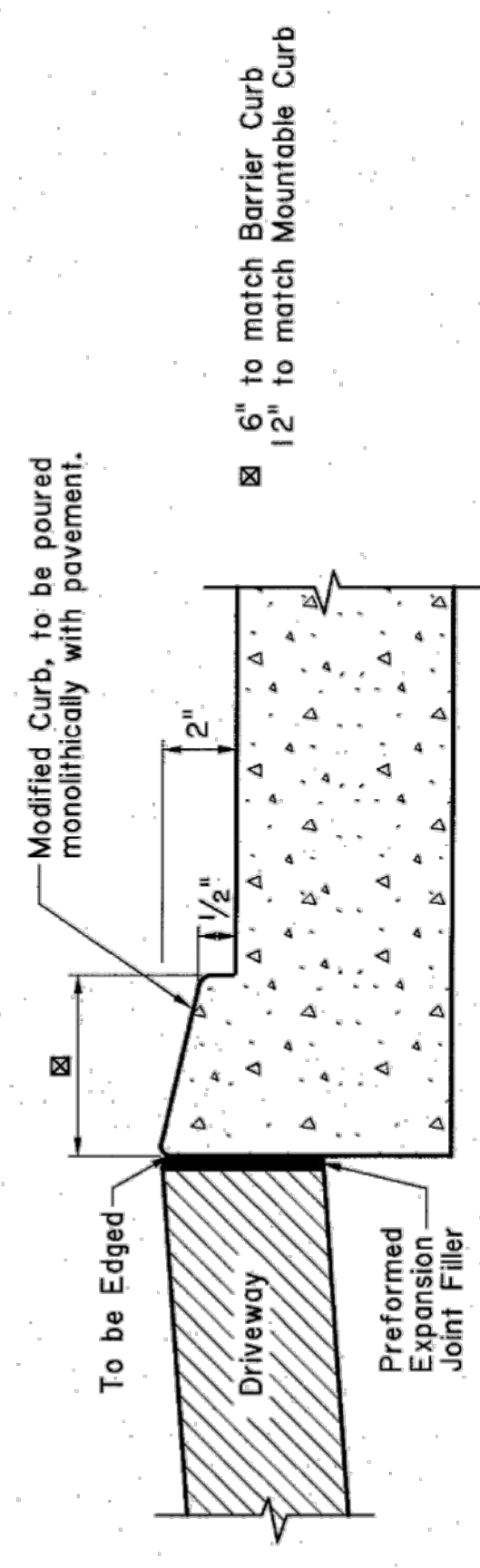
△ Maximum change in grade shall be 10% for Crests and 9% for Sags for any combination of grades without Vertical Curves. These Maximum Grade changes should be at least 110' apart.



TYPICAL DRIVEWAY IN CUT

NOTE: See Std. Plan CP-01 for Curb construction

SECTION C-C



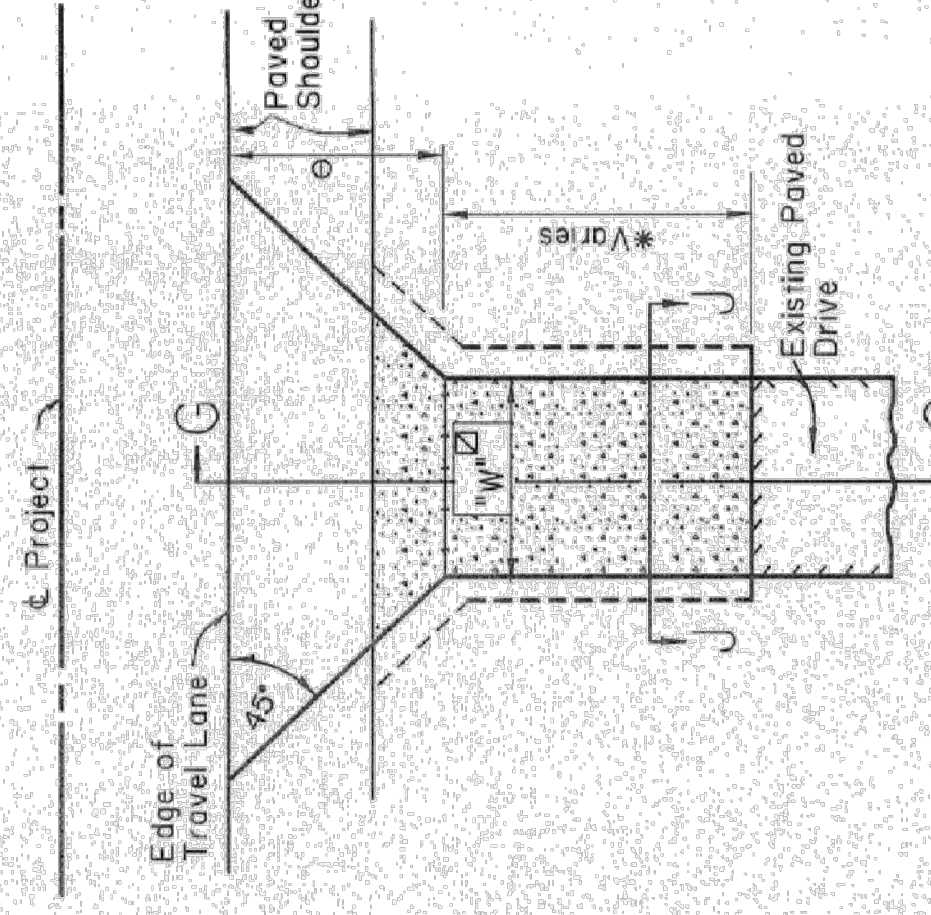
DESIGN	P. MCWILLIAMS
CHECK	P. MCWILLIAMS
DETAIL	P. TONEY
SECTION	R. MCWILLIAMS
STATE PROJECT	2 OF 3
REVIEW	D. SMITH
SERIES	2 OF 3

STATE OF LOUISIANA
 PROFESSIONAL ENGINEER
 AIDAN EYWARD
 License No. 35566
 12/2/2022

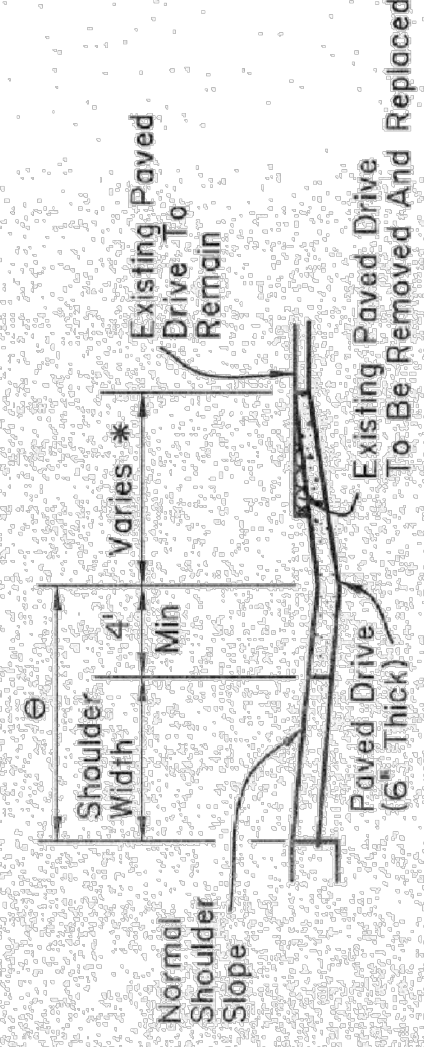
APPROVED BY CHIEF ENGINEER
 DATE: 8/4/2022

STANDARD PLAN DW-01
 DRIVEWAYS ON NON-CURBED ROADWAYS

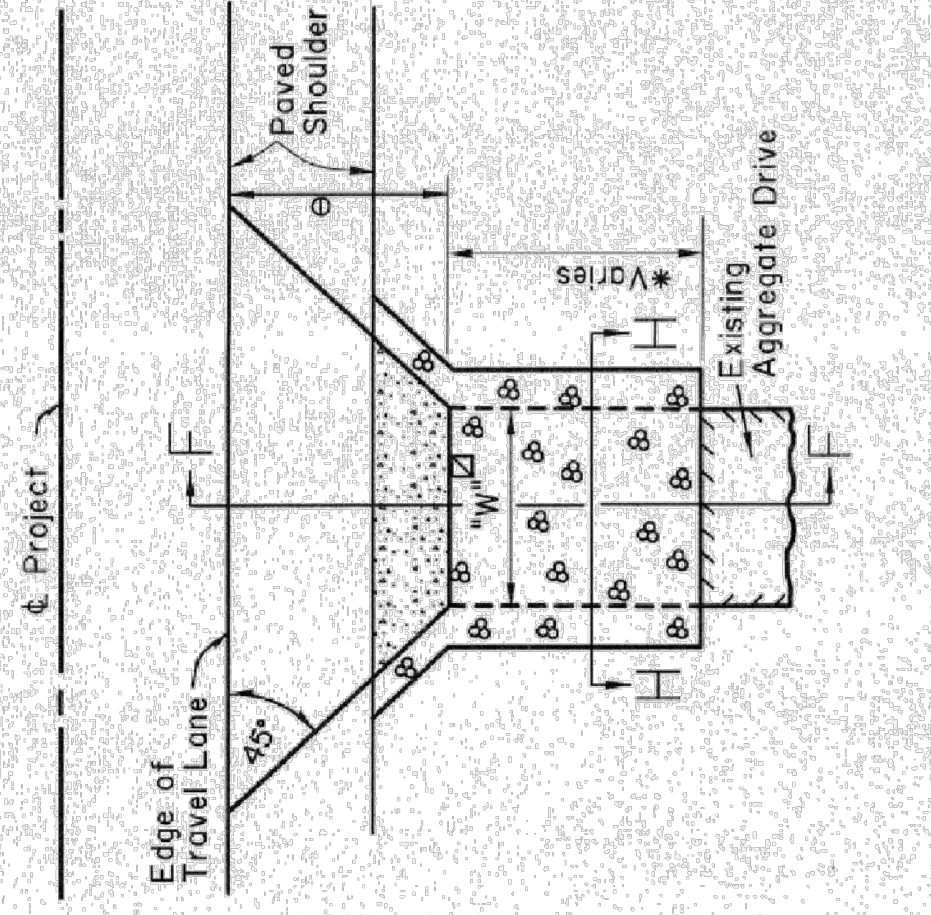
DOTD
 LOUISIANA DEPARTMENT OF TRANSPORTATION & INFRASTRUCTURE
 STANDARD PLAN



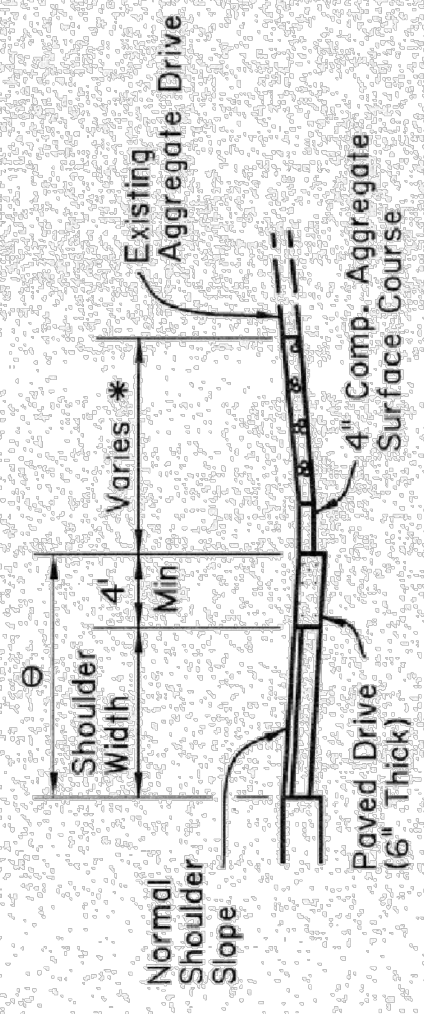
TYPE "D"
 Paved Driveway Flare Along Paved Shoulder Connecting Existing Paved Drive



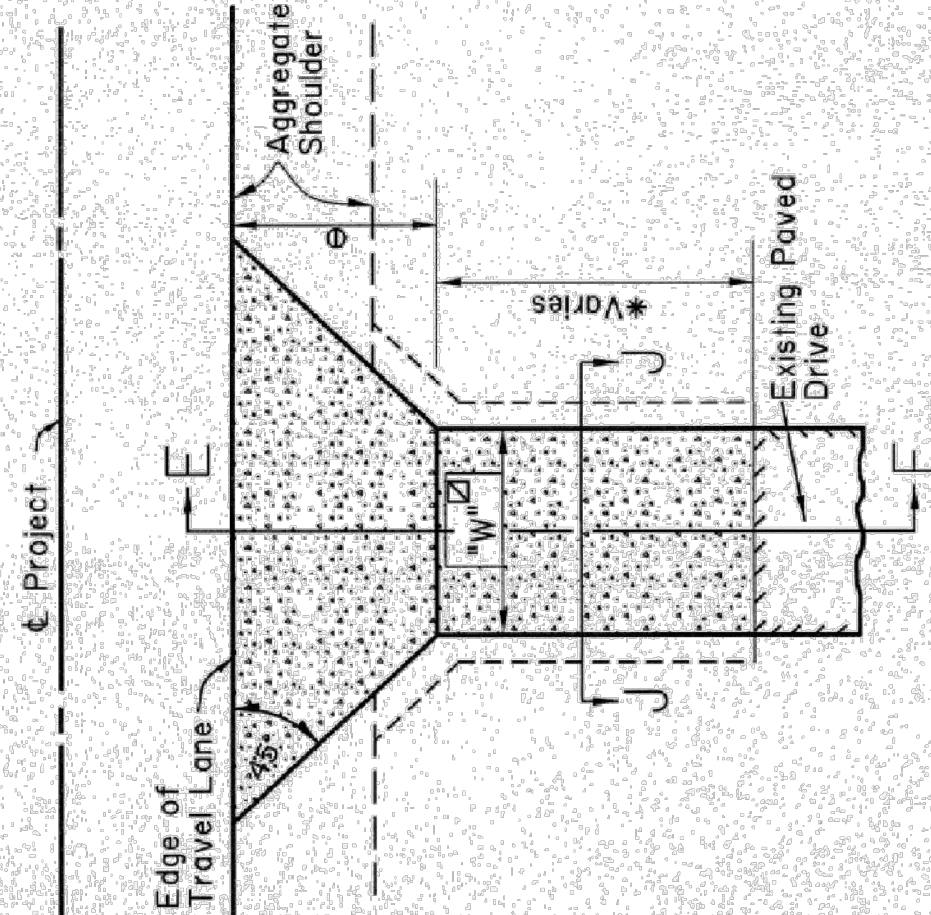
SECTION G-G



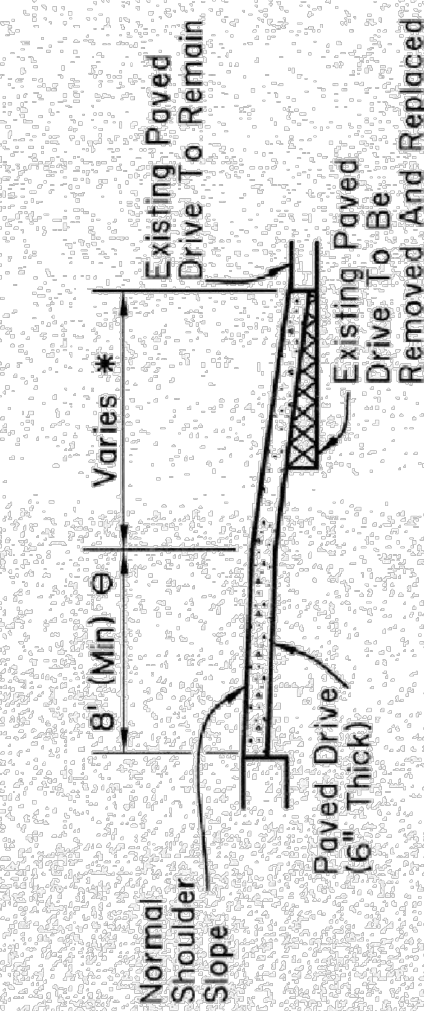
TYPE "C"
 Paved Driveway Flare Along Paved Shoulder



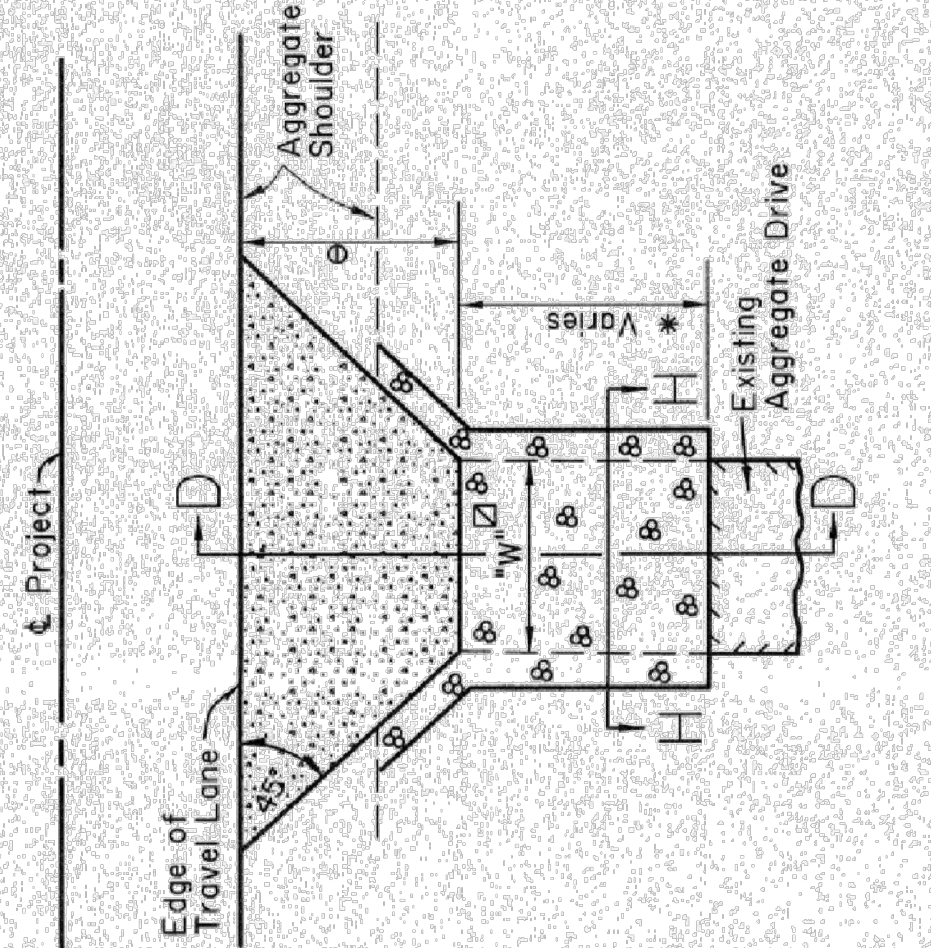
SECTION F-F



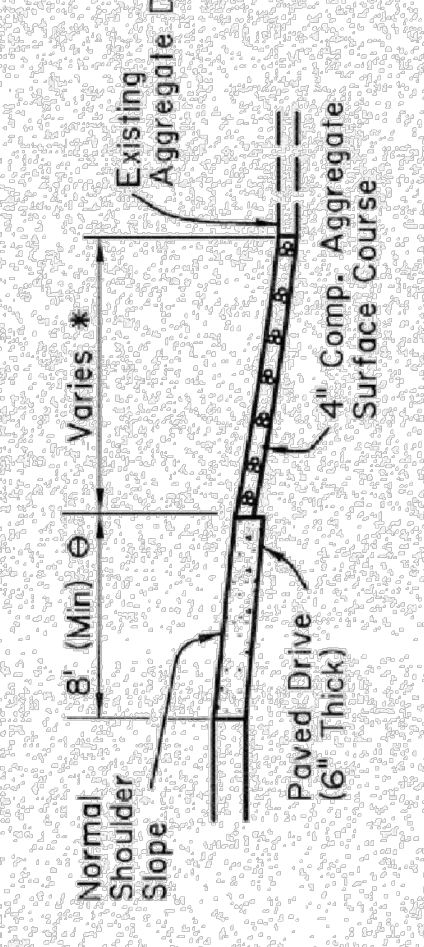
TYPE "B"
 Paved Driveway Flare Along Aggregate Shoulder Connecting Existing Paved Drive



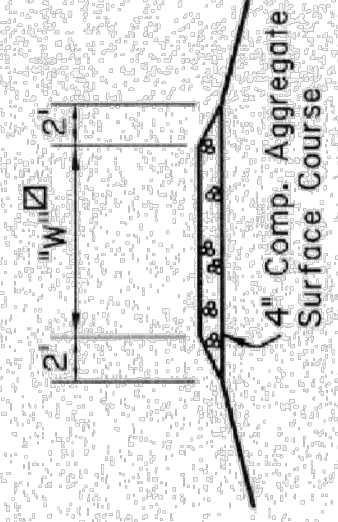
SECTION E-E



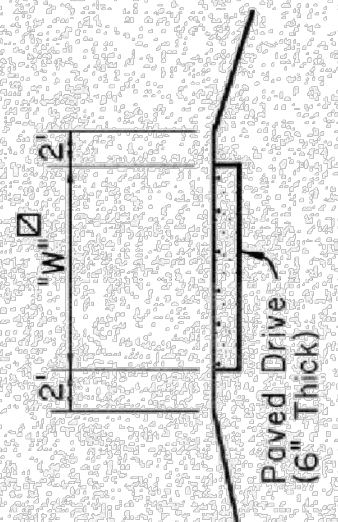
TYPE "A"
 Paved Driveway Flare Along Aggregate Shoulder



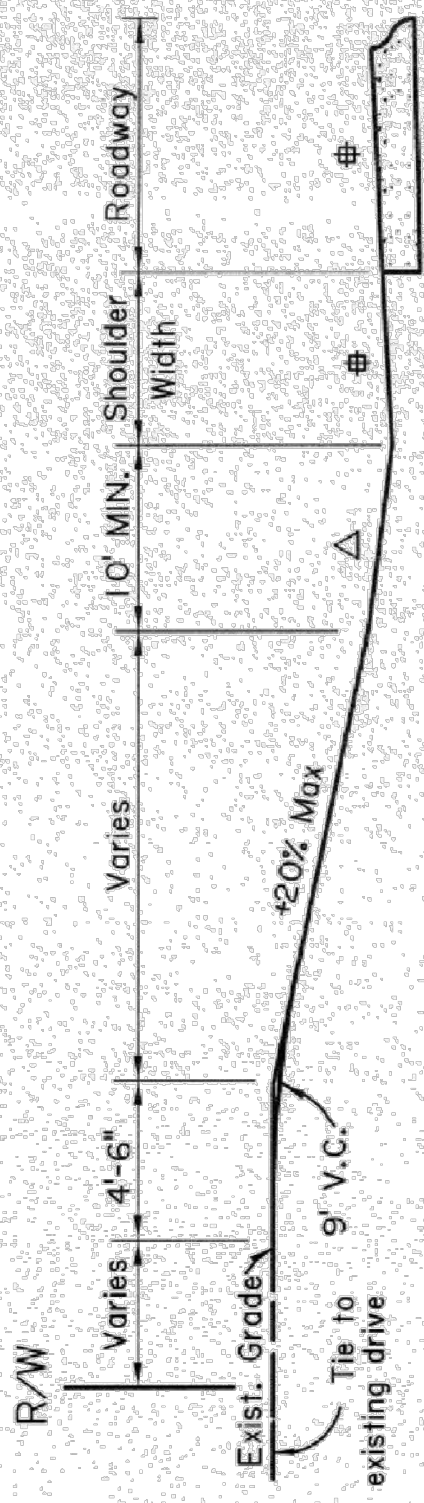
SECTION D-D



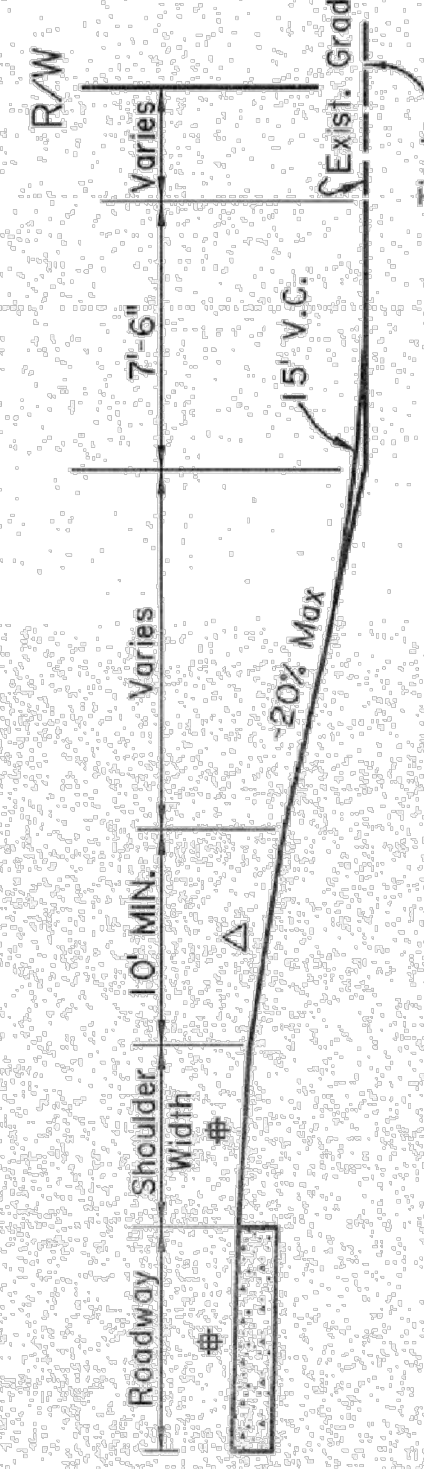
SECTION H-H



SECTION J-J



TYPICAL DRIVEWAY IN CUT



TYPICAL DRIVEWAY IN FILL

W = Width as per plans

NOTES:

1. PORTLAND CEMENT CONCRETE DRIVES WILL BE CONSTRUCTED TO REPLACE OR CONNECT TO EXISTING CONCRETE DRIVES.
2. SEE PLANS; APPLIES WHERE EXISTING DRIVE IS TO BE REMOVED FOR ROADWAY CONSTRUCTION AND/OR TO ACHIEVE VERTICAL GEOMETRY REQUIREMENTS.
3. PAVEMENT SHALL EXTEND 8' MINIMUM FROM EDGE OF PAVED ROADWAY SURFACE (TRAVEL LANE) FOR SINGLE-FAMILY RESIDENTIAL/NON-COMMERCIAL AGRICULTURE TYPE CONNECTIONS, AND 25' FOR TRAFFIC GENERATOR (COMMERCIAL) TYPE CONNECTIONS, OR AS PER THE PLANS. PAVED DRIVEWAY FLARE SHALL EXTEND 4' MINIMUM FROM EDGE OF PAVED SHOULDER. RADIUS TRANSITION SHAPE MAY BE USED IN LIEU OF FLARE.
4. COMPACTION OF SUBGRADE AND GRADING WORK FOR CONSTRUCTION OF DRIVES SHALL BE SATISFACTORY TO THE ENGINEER AND PAYMENT SHALL BE INCLUDED IN THE DRIVEWAY ITEMS.
5. MAXIMUM DRIVEWAY GRADE SHALL BE 20% (25% FOR SPECIAL CASES). MAXIMUM BREAK IN GRADE WITHOUT A VERTICAL CURVE SHALL BE 10% FOR CRESTS AND 9% FOR SAGS, AT NOT LESS THAN 10' INTERVALS.
6. ROADWAY AND SHOULDER SLOPES VARY AS PER PLANS

STATE OF LOUISIANA
 PROFESSIONAL ENGINEER
 DANIEL P. HILL
 License No. 35566
 10-21-2024

These standard plans have been properly examined by me. These plans comply with all applicable codes and have been properly adapted to use on this project.

DESIGN	P. TONEY
CHECK	R. McMILLAN
DETAIL	P. TONEY
REVIEW	D. SMITH
SERIES	3 OF 3
PROJECT	

PARISH	P. TONEY
SECTION	R. McMILLAN
STATE	D. SMITH



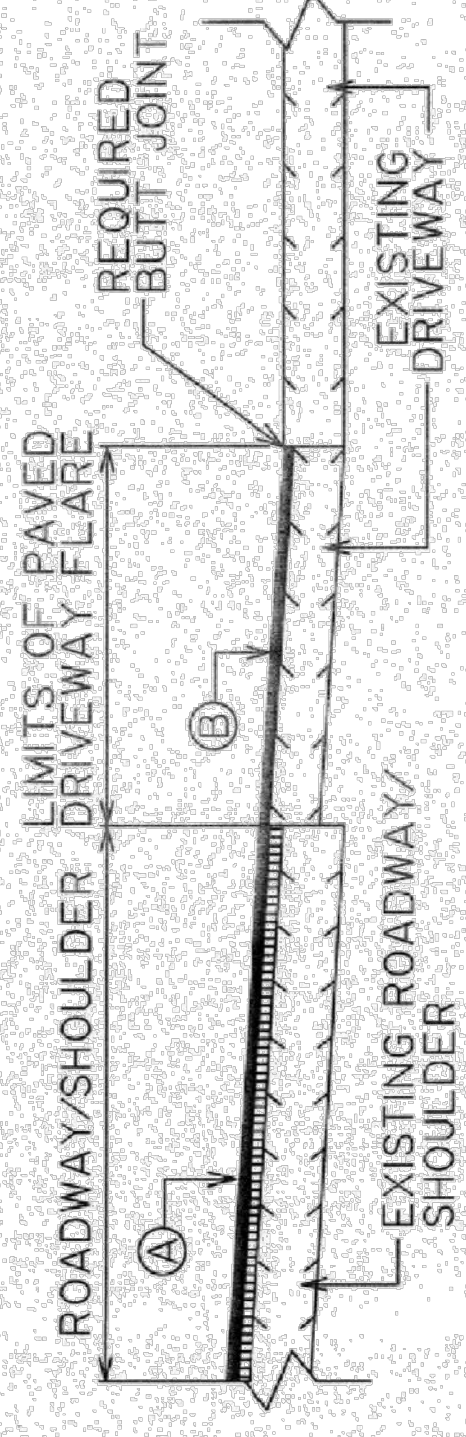
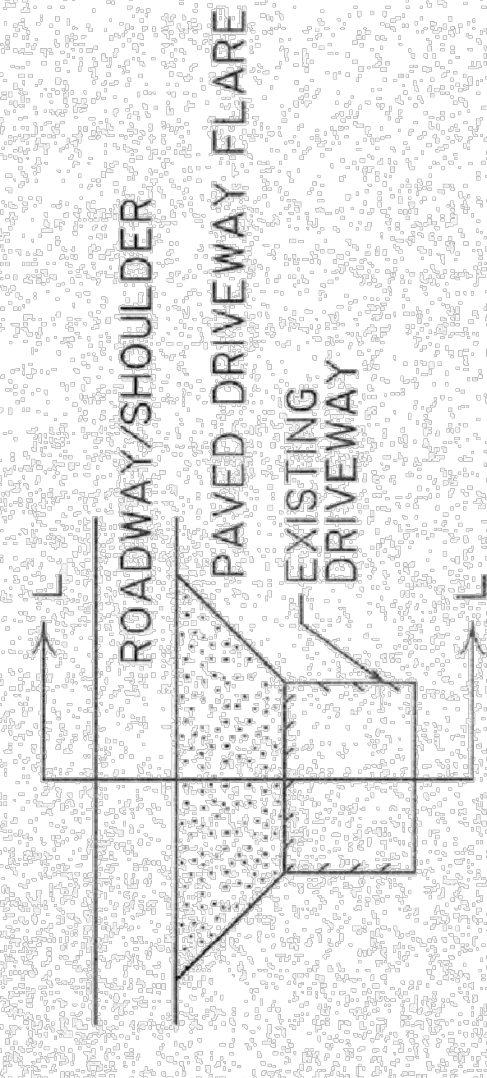
APPROVED BY CHIEF ENGINEER: *[Signature]*
 DATE: 8/4/2022



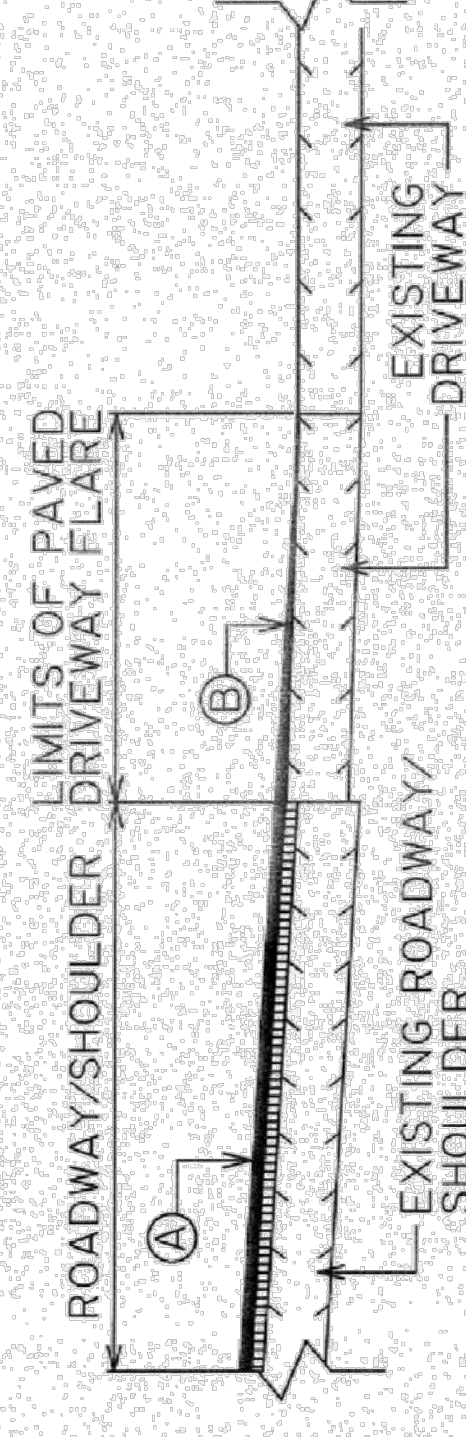
STANDARD PLAN DW-01
 TIE-IN DETAILS
 TURNOUT AND DRIVEWAY



DRIVEWAY TIE-IN DETAILS
 FOR OVERLAY PROJECTS



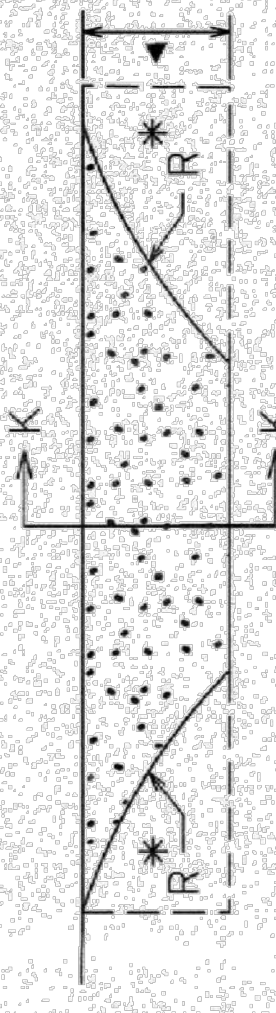
SECTION L-L (ALTERNATE 1)



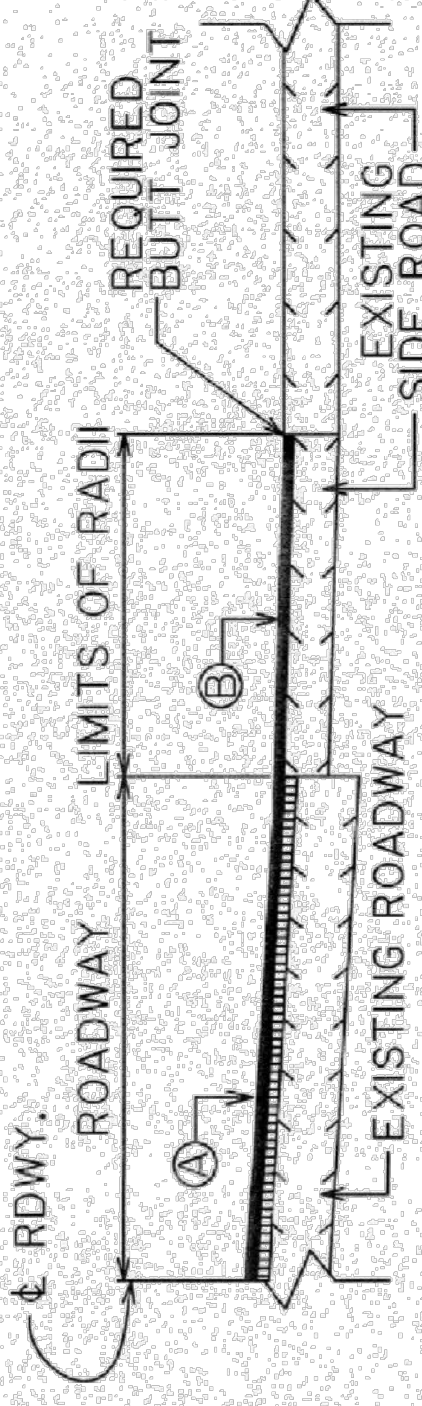
SECTION L-L (ALTERNATE 2)

- Ⓐ ASPHALT CONCRETE (COURSES AND TYPES SHOWN ON ROADWAY TYPICAL SECTION)
- Ⓑ ASPHALT CONCRETE (THICKNESS SHALL MATCH ROADWAY WEARING COURSE)

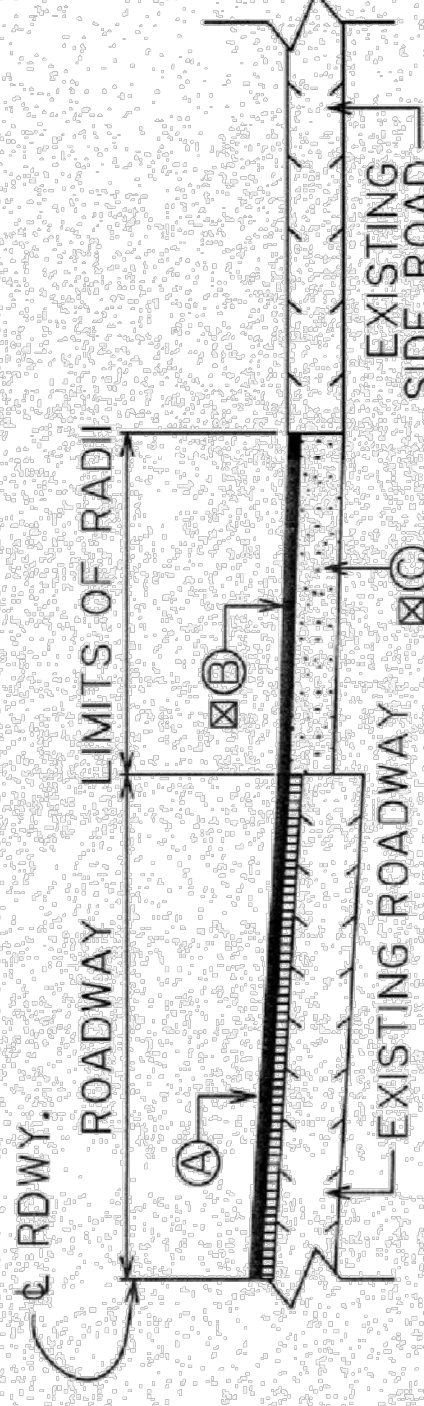
TURNOUT TIE-IN DETAILS
 FOR OVERLAY PROJECTS



DETAIL OF APRON AT TURNOUT (TYPICAL)



SECTION K-K (PAVED SIDE ROAD)



SECTION K-K (UNPAVED SIDE ROAD)

- Ⓐ ASPHALT CONCRETE (COURSES AND TYPES SHOWN ON ROADWAY TYPICAL SECTION)
- Ⓑ ASPHALT CONCRETE (THICKNESS SHALL MATCH ROADWAY WEARING SURFACE)
- Ⓒ ASPHALT CONCRETE BASE COURSE
- * MATCH EXISTING RADIUS
- ▲ VERTICAL TRANSITION FROM ROADWAY TO BUTT JOINT TIE-IN WHERE NEEDED
- ☒ TOTAL THICKNESS OF WEARING COURSE AND BASE COURSE SHALL BE A MINIMUM OF 6"

NOTES:

1. DRIVE WIDTHS AND FLARE DIMENSIONS TO BE ADJUSTED TO MATCH EXISTING CONDITIONS AS DIRECTED BY THE PROJECT ENGINEER.
2. TYPE OF TIE-IN AND LENGTH OF OVERLAY TRANSITION TO BE SET BY PROJECT ENGINEER TO ACHIEVE A SUITABLE CONNECTION FOR EXISTING DRIVE.
3. REFER TO SHEET 2 OF DW-01 FOR SUGGESTED TIE-IN CRITERIA OF STEEP GRADES.



10-21-2024

*These standard plans have been properly examined by me, the undersigned, and I hereby certify that they conform to the standards of the Louisiana Department of Transportation & Development. I am not responsible for any errors or omissions that may appear hereon, nor for any consequences that may result from their use. I am not responsible for any consequences that may result from their use. I am not responsible for any consequences that may result from their use.

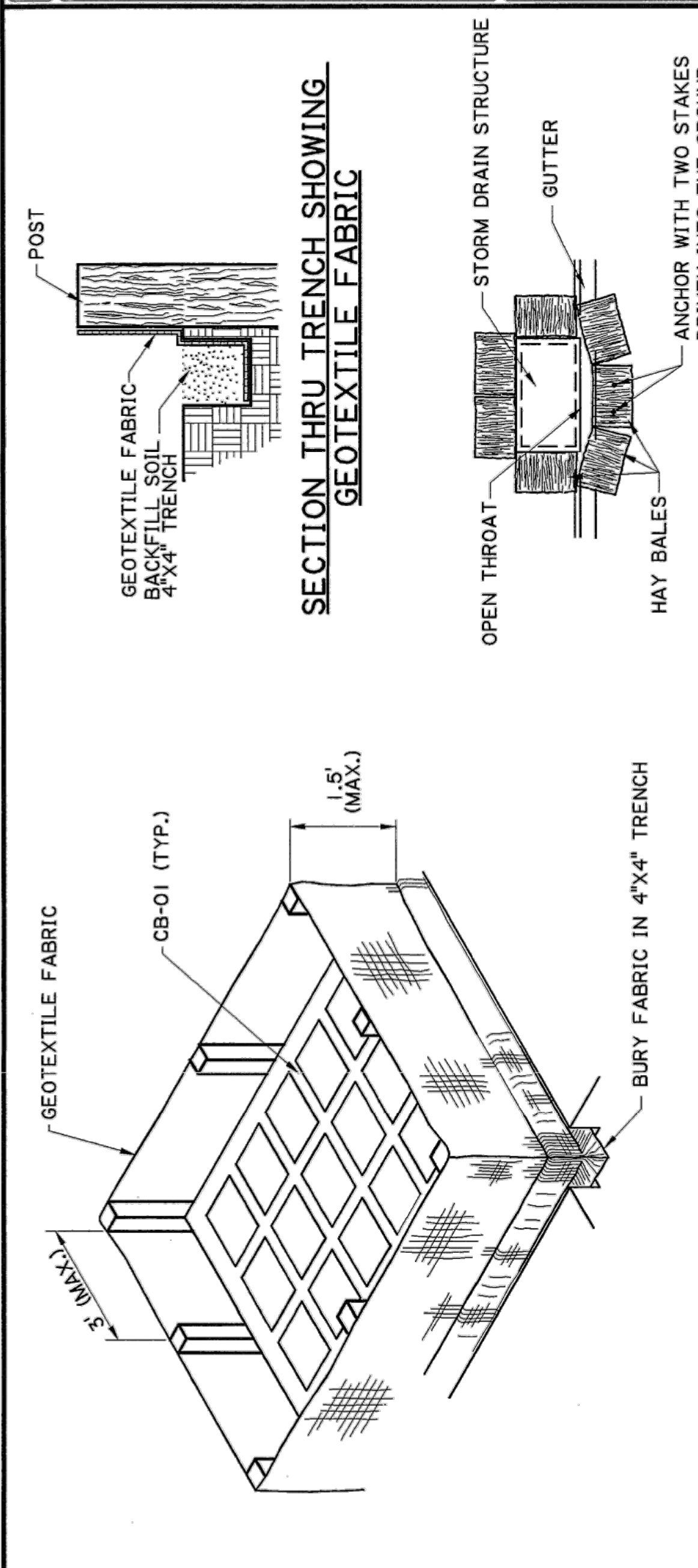
109	1-14-94	1 OF 2	DATE	10-1-08	DATE
DESIGNED	JCM	CHECKED	JCM	REVISION DESCRIPTION	REVISIONS
DRAWN	KAJ	CHECKED	KAJ	DATE	BY
PROJECT		STATE		APPROVE BY	CHIEF ENGINEER

STANDARD PLAN EC-01

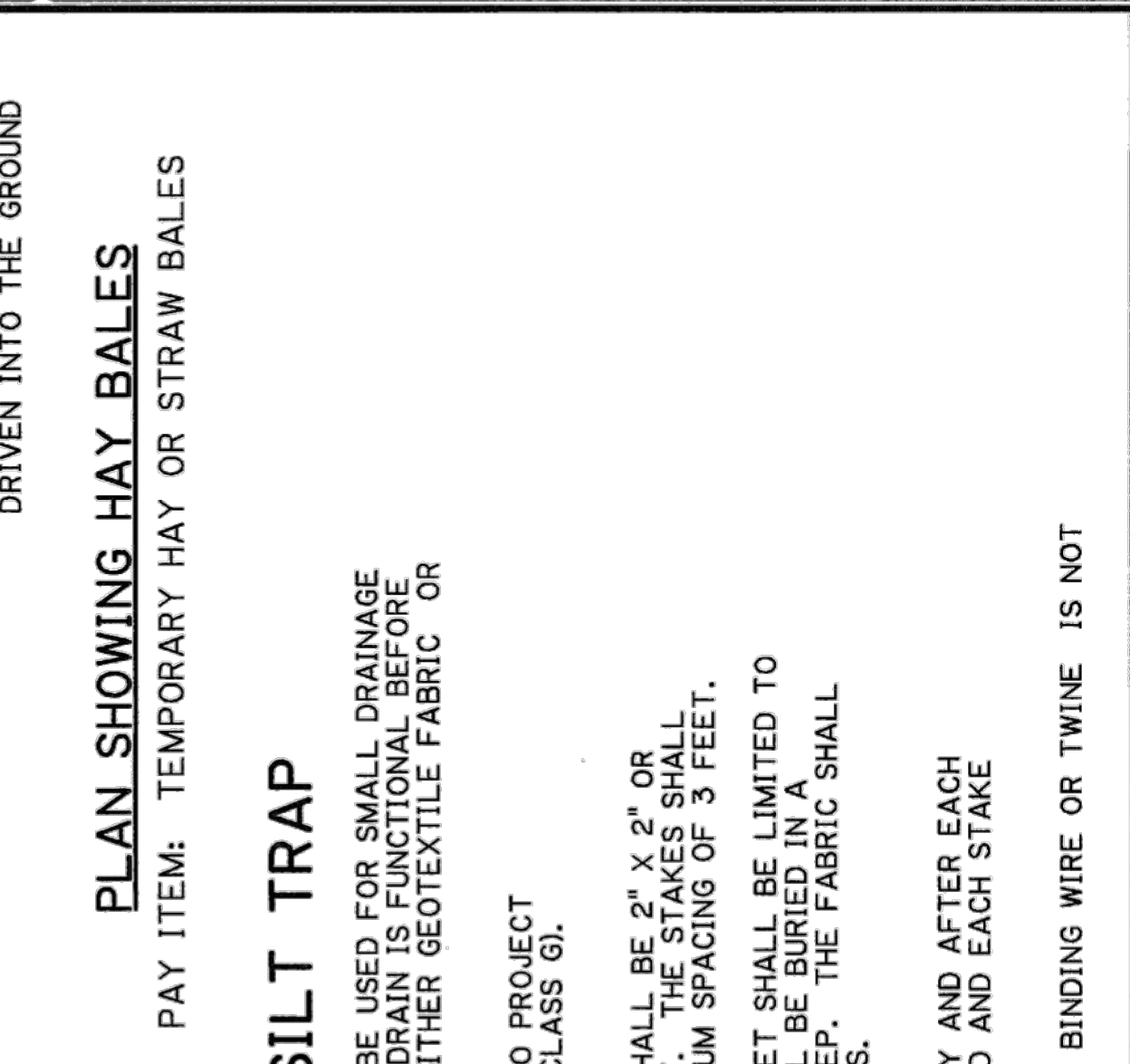
TEMPORARY EROSION CONTROL DETAILS

HYDRAULICS SECTION

10-21-2024



ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC
(BACKFILL SOIL NOT SHOWN)

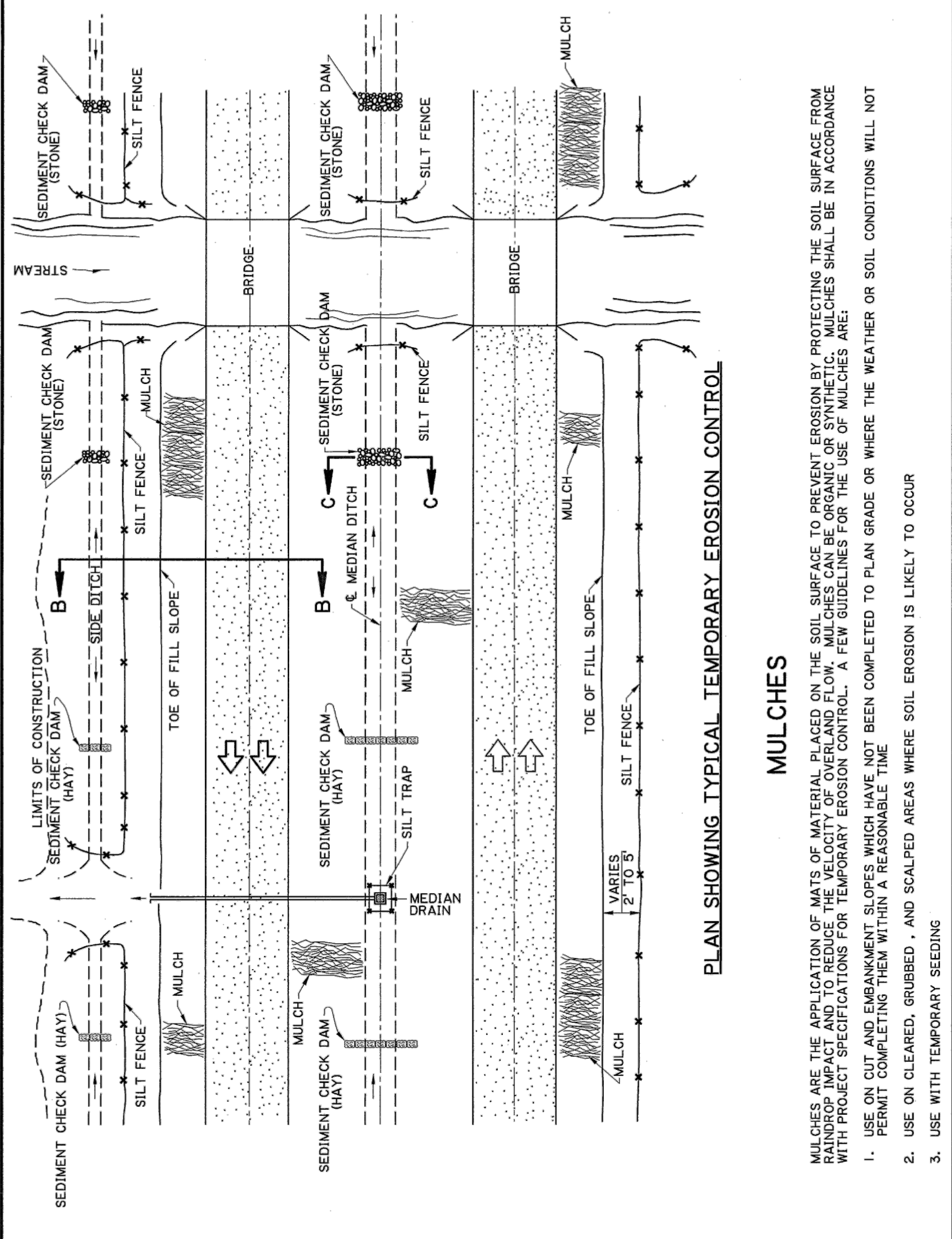


PLAN SHOWING HAY BALES
PAY ITEM: TEMPORARY HAY OR STRAW BALES

TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED FOR SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS 6).
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE 2" X 2" OR 2" X 4" WITH A MINIMUM LENGTH OF 3 FEET. THE STAKES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1.5' AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE, BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND.

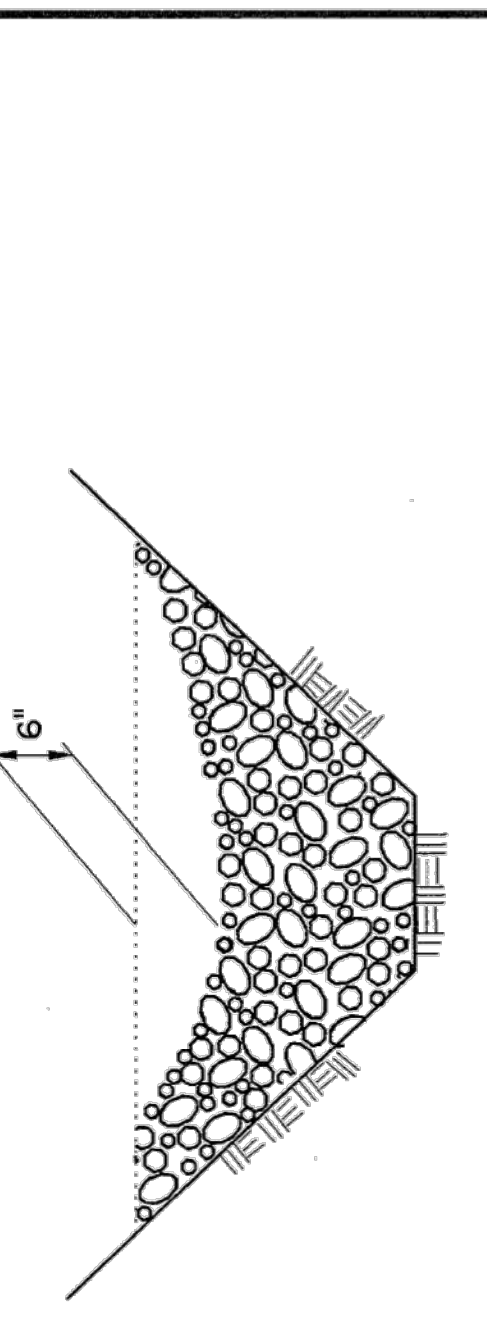


PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL

MULCHES

MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND TO REDUCE THE VELOCITY OF OVERLAND FLOW. MULCHES CAN BE ORGANIC OR SYNTHETIC. MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW GUIDELINES FOR THE USE OF MULCHES ARE:

1. USE ON CUT AND EMBANKMENT SLOPES WHICH HAVE NOT BEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME
2. USE ON CLEARED, GRUBBED, AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR
3. USE WITH TEMPORARY SEEDING



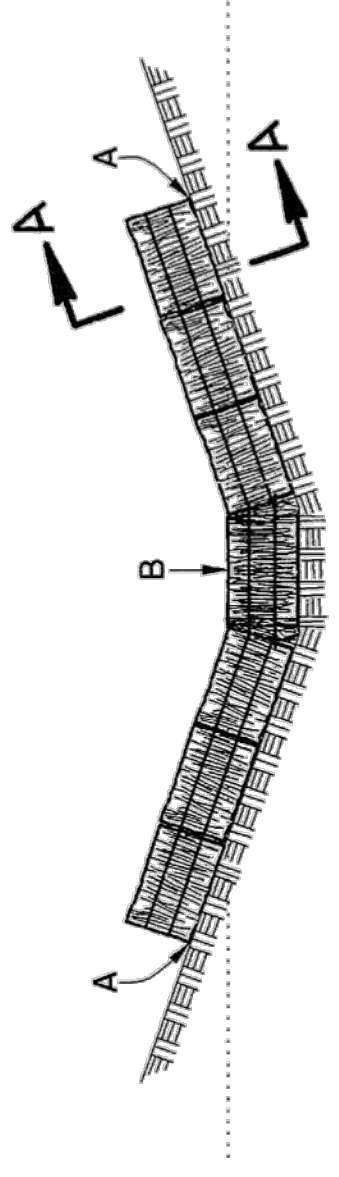
SECTION C-C

TEMPORARY SEDIMENT CHECK DAM (STONE)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

NOTES:
A STONE CHECK DAM IS A SMALL TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR DRAINAGE DITCH. THE PURPOSE OF THIS MEASURE IS TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE SWALE OR DITCH. THE STONE CHECK DAM WILL TRAP SMALL AMOUNTS OF SEDIMENTS GENERATED IN THE DITCH ITSELF, HOWEVER IT SHOULD NOT BE USED AS A SEDIMENT TRAPPING DEVICE. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

1. USE IN SMALL OPEN CHANNELS WHICH DRAIN 10 ACRES OR LESS
2. DO NOT USE IN A LIVE STREAM
3. USE IN A TEMPORARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A NON-ERODIBLE LINING
4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINING FOR AN EXTENDED PERIOD OF TIME
5. USE IN TEMPORARY OR PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS
6. FOR STONE SPECIFICATIONS, SEE PROJECT SPECIFICATIONS FOR RIPRAP. (CLASS 2 LB)



ELEVATION

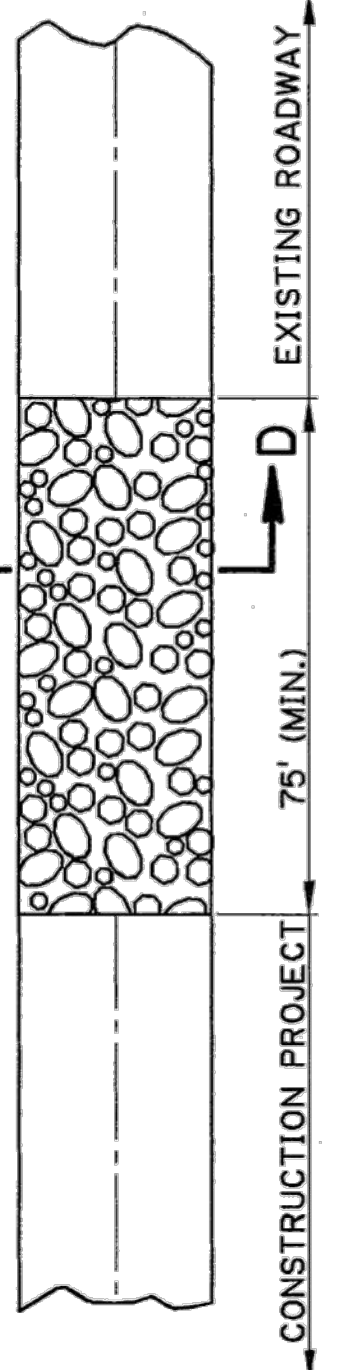
SECTION A-A

TEMPORARY SEDIMENT CHECK DAM (HAY)

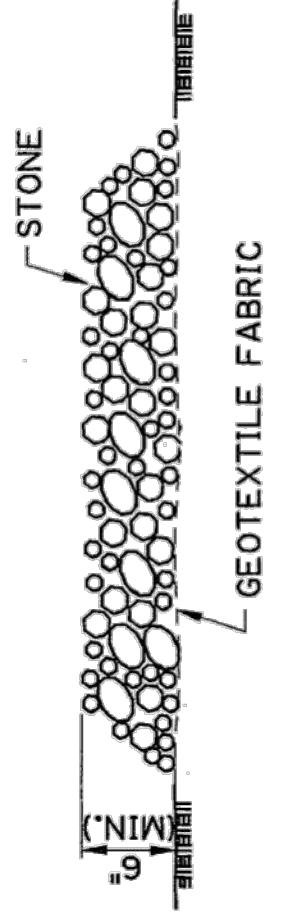
PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

NOTES:
A HAY BALE BARRIER IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED BALES OF STRAW OR HAY. THE HAY BALE BARRIER IS ALSO USED AS A CHECK DAM TO REDUCE THE VELOCITY IN SMALL DITCHES OR SWALES. THE HAY BALES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A HAY BALE BARRIER ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE IN MINOR SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES
3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS
4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT



PLAN



SECTION D-D

TEMPORARY STONE CONSTRUCTION ENTRANCE

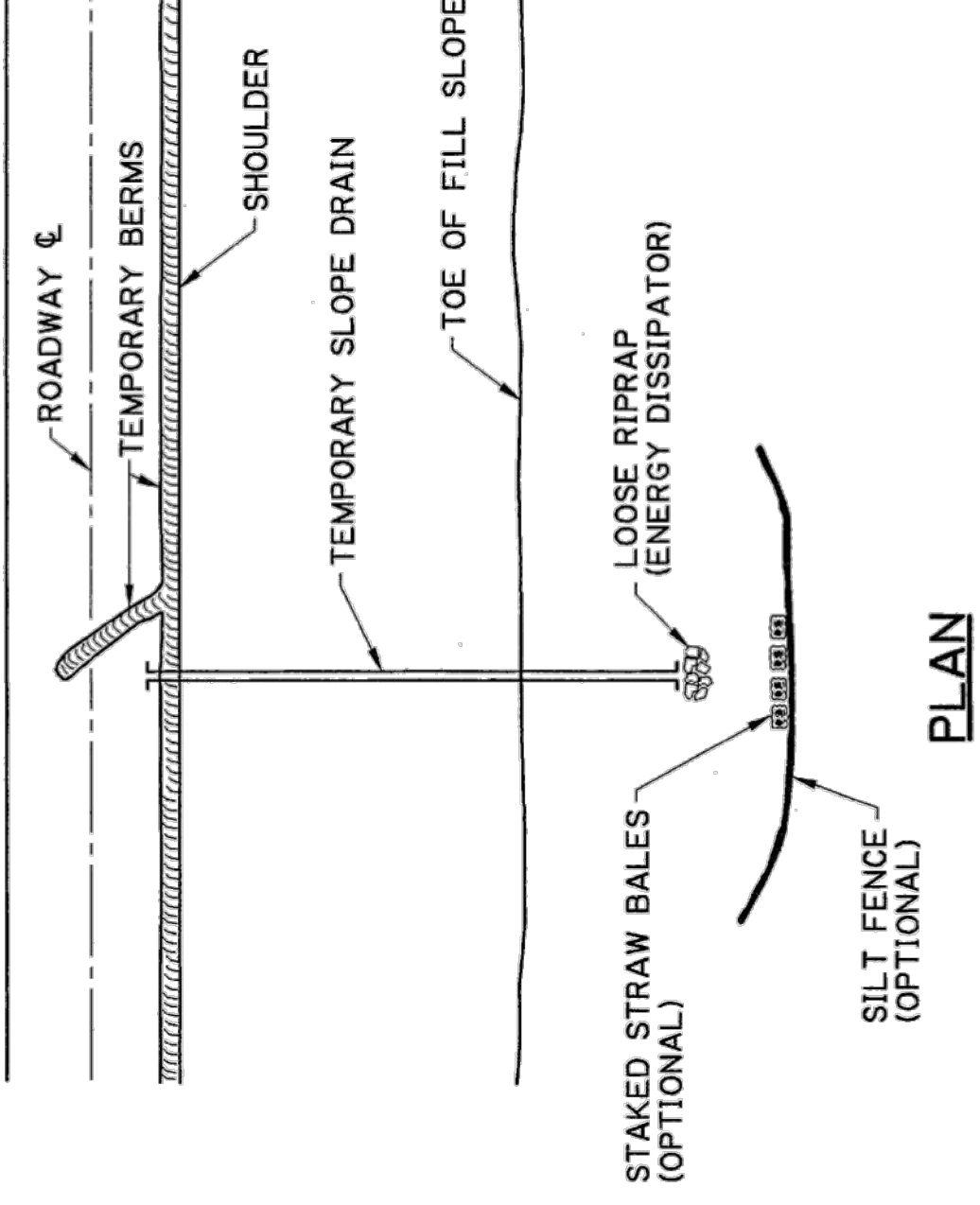
PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

NOTES:

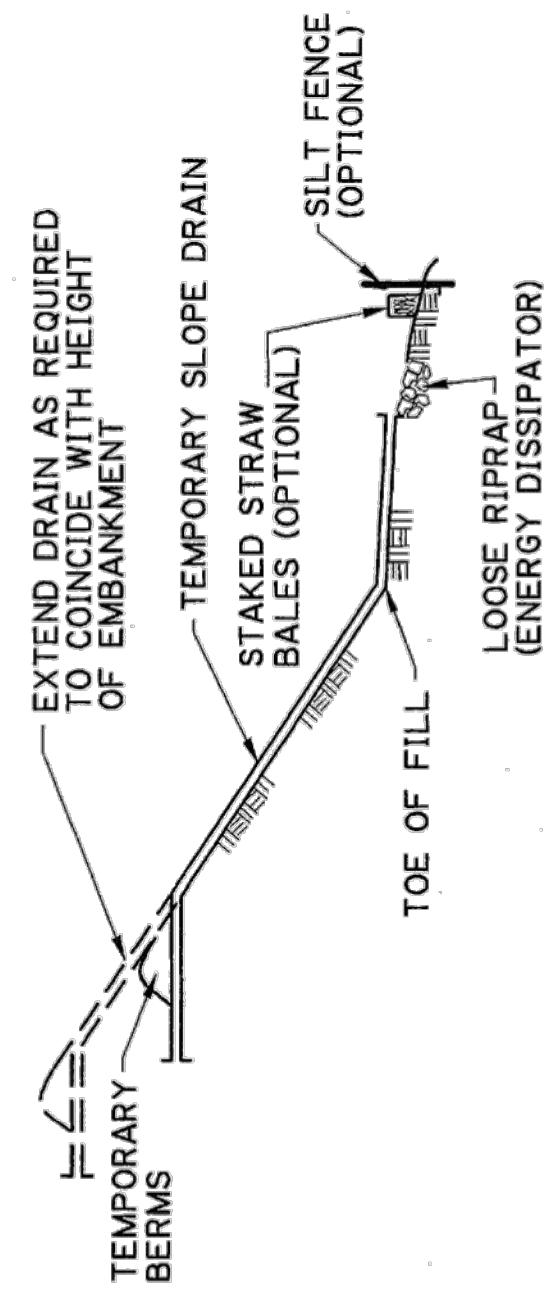
TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
3. THE LENGTH OF THE PAD MUST BE A LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



PLAN



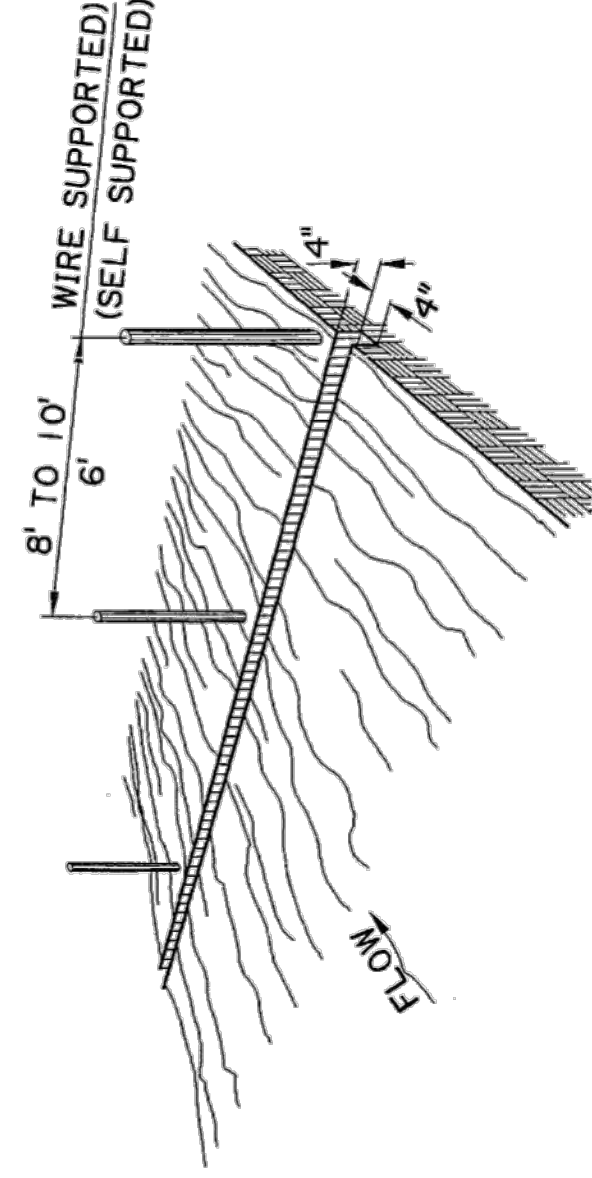
ELEVATION

TEMPORARY SLOPE DRAIN

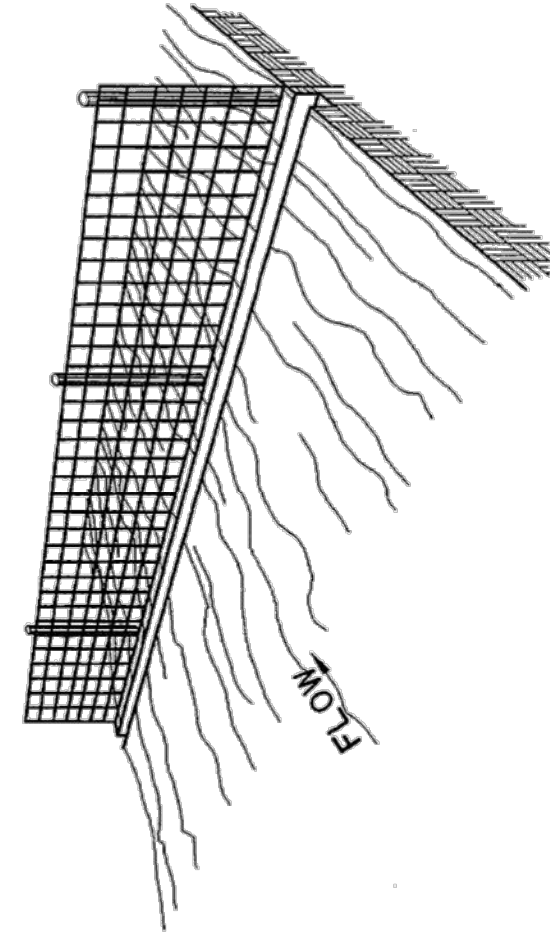
A TEMPORARY SLOPE DRAIN IS A DEVICE USED TO CARRY WATER FROM THE CONSTRUCTION WORK AREA TO A LOWER ELEVATION. SLOPE DRAINS MAY BE PLASTIC SHEET, METAL OR PLASTIC PIPE, STONE GUTTERS, FIBER MATS, OR CONCRETE OR ASPHALT DITCHES. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A TEMPORARY SLOPE DRAIN ARE:

1. THE SPACING OF THE SLOPE DRAINS VARIES WITH THE ROAD GRADE.
 FOR GRADES:
 0.0% - 2.0% USE 500' SPACING
 2.1% - 5.0% USE 200' SPACING
 GREATER THAN 5.0% USE 100' SPACING
2. SLOPE DRAIN MATERIAL: SMOOTH PIPE - 3 MILS THICK MIN.
 CORRUGATED PIPE - 12" MINIMUM
 PLASTIC SHEETING - 4' WIDE MINIMUM
 PLASTIC SHEETING - 3 MILS THICK MIN.
3. PLASTIC SHEETING CAN BE STAKED DOWN OR WEIGHTED WITH ROCKS OR LOGS. THE AREA UNDER THE SHEETING SHOULD BE SHAPED TO PROVIDE AN ADEQUATE CHANNEL.
4. THE OUTLET END SHOULD BE PROTECTED OR HAVE SOME MEANS OF DISSIPATING ENERGY. THE FLOW SHOULD BE DIRECTED THROUGH A SEDIMENT TRAP SUCH AS A SILT FENCE, HAY BALES, OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
5. TO INSURE PROPER OPERATION, TEMPORARY SLOPE DRAINS SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. FOR CLOGGING OR DISPLACEMENT, EROSION AT THE OUTLET SHOULD BE CHECKED AND THE SILT TRAPS CLEANED IF NECESSARY.

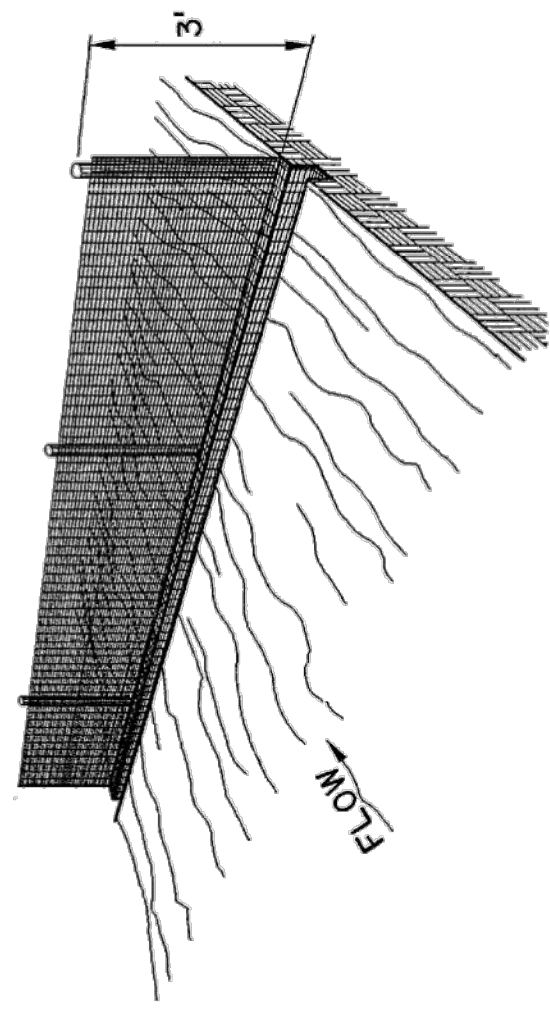
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



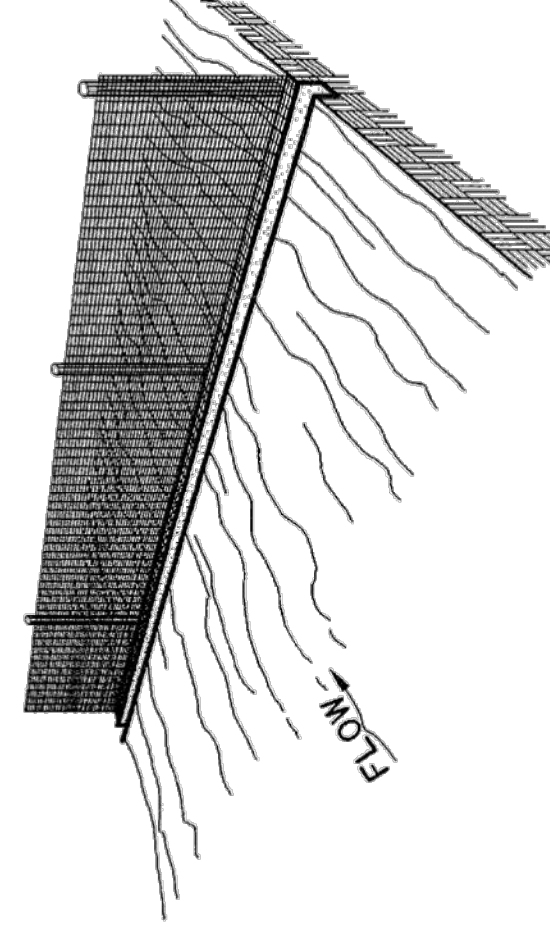
2. STAPLE WIRE FENCING TO THE POSTS.



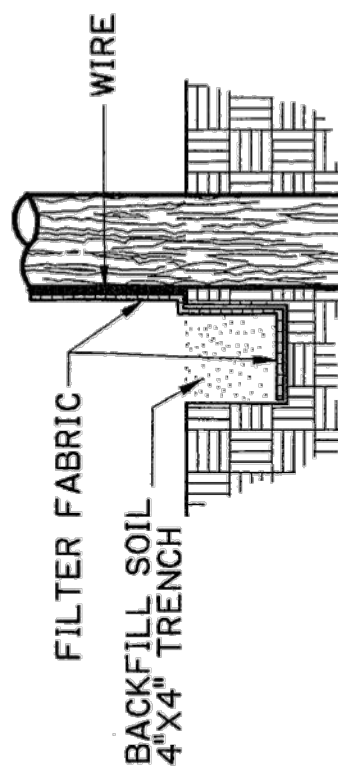
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL.



EXTENSION OF FABRIC INTO THE TRENCH.



CONSTRUCTION OF TEMPORARY SILT FENCING

(WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

NOTES:

SILT FENCING IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC SUPPORTED BY SILT POSTS AND STRETCHED ACROSS AN EXCAVATED AND DETAILED TRENCH. THE AMOUNTS OF SEDIMENT THAT THE SILT FENCING SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:

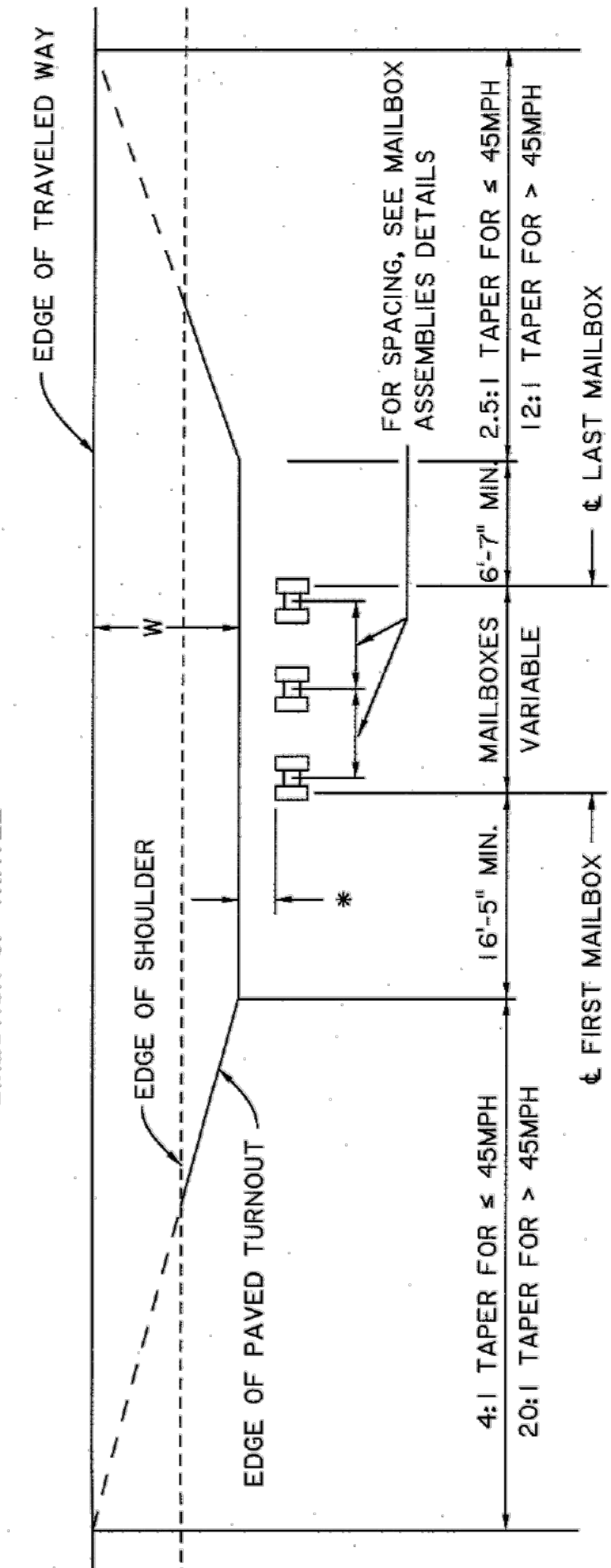
1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS 1/4 ACRE PER 100 FEET OF SILT FENCE LENGTH
3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
4. USE WHERE THE MAXIMUM GRADIENT BEHIND THE BARRIER IS 2:1
5. DO NOT USE SILT FENCES IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEED ONE CUBIC FOOT PER SECOND



10-21-2024

These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that they conform to the requirements of the Louisiana State Board of Professional Engineers and I hereby certify that they are in accordance with the laws and rules of the State of Louisiana and have been properly adapted to use on this project.





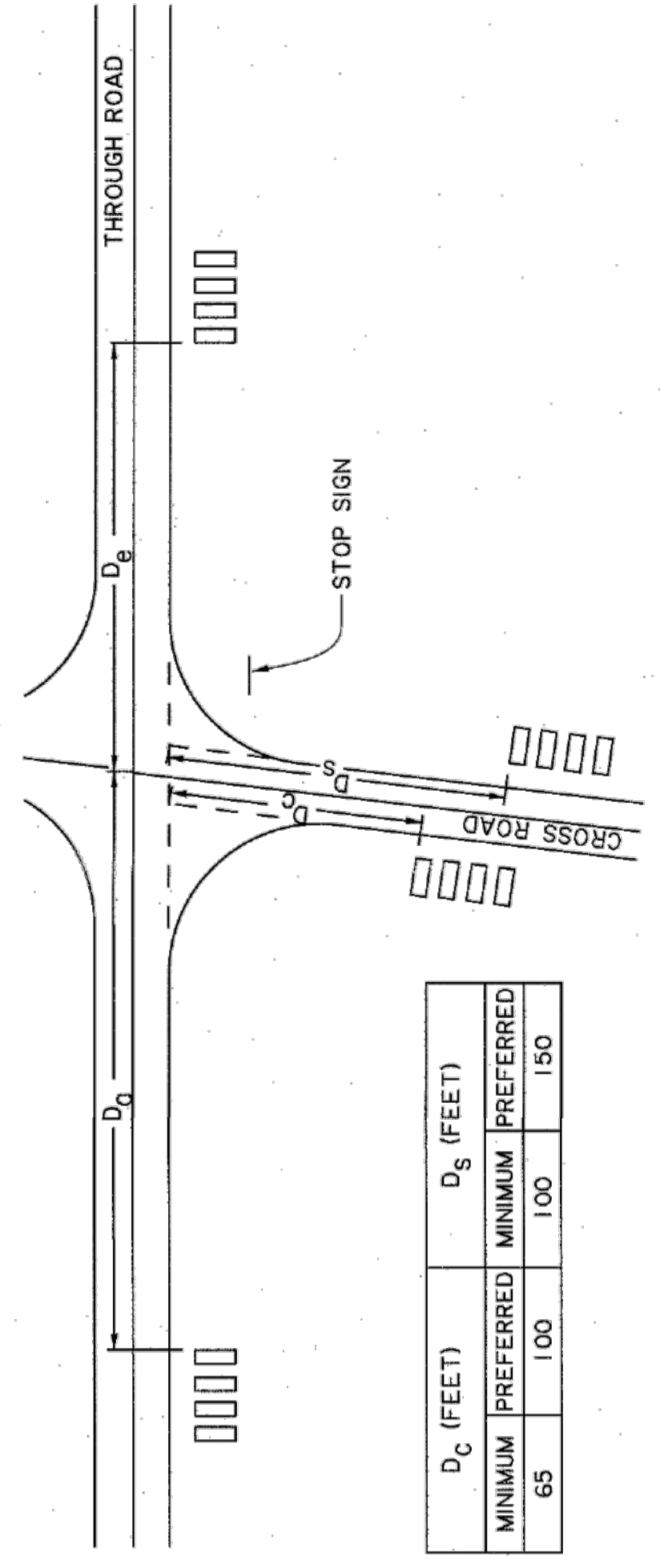
W = FOR SUGGESTED WIDTHS, SEE TABLE BELOW.
 MAILBOXES = A MINIMUM DESIGN FOR ROADS CARRYING LOW-SPEED TRAFFIC AND FOR LOCAL AND COLLECTOR ROADS.
 * = FOR MAILBOX FACE OFFSET, SEE TABLE BELOW, 0' - 12'.

DETAIL OF MAILBOX TURNOUT

* SUGGESTED GUIDELINES FOR LATERAL PLACEMENT OF MAILBOXES

HIGHWAY TYPE AND ADT (VPD)	WIDTH OF ALL-WEATHER SURFACE TURNOUT OR AVAILABLE SHOULDER AT MAILBOX (FT)		DISTANCE ROADSIDE FACE OF MAILBOX IS TO BE OFFSET BEHIND EDGE OF TURNOUT OR USABLE SHOULDER (IN)	
	PREFERRED	MINIMUM	PREFERRED	MINIMUM
RURAL HIGHWAY OVER 10,000	12	8		
RURAL HIGHWAY 1,500 TO 10,000	12	8		0
RURAL HIGHWAY 400 TO 1,500	10	8	6 to 8	
RURAL ROAD UNDER 400	8	6 ^b		6 ^c
RESIDENTIAL STREET WITHOUT CURB OR ALL-WEATHER SHOULDER	6	0		
CURBED RESIDENTIAL STREET OR URBAN AND SUBURBAN AREAS	NOT APPLICABLE		8 to 12 ^d	6 ^d

NOTES: ADT = AVERAGE DAILY TRAFFIC
 VPD = VEHICLES PER DAY
 a) IF INCREASE ACCESS IS NEEDED, THE FOLLOWING MAY BE CONSIDERED IN CONJUNCTION WITH THE LOCAL POSTMASTER:
 - PROVIDE A LEVEL CLEAR SPACE 30 IN. BY 48 IN. CENTERED ON THE BOX FOR EITHER SIDE OR FORWARD APPROACH.
 - PROVIDE AN ACCESSIBLE PASSAGE TO AND FROM THE MAILBOX AND PROJECT INTO A CIRCULATION ROUTE--NO MORE THAN 4 IN. IF BETWEEN 28 IN. AND 80 IN.-- SO THAT THE MAILBOX DOES NOT BECOME A PROTRUDING OBJECT FOR PEDESTRIANS WITH IMPAIRED VISION.
 b) PROVIDE AN ACCESSIBLE PASSAGE TO AND FROM THE MAILBOX. THE MAILBOX PROJECTION INTO A CIRCULATION ROUTE SHALL NOT BE MORE THAN 4 IN., SO THAT THE MAILBOX DOES NOT BECOME A PROTRUDING OBJECT FOR PEDESTRIANS WITH IMPAIRED VISION.
 c) IF A TURNOUT IS PROVIDED, THIS MAY BE REDUCED TO ZERO.
 d) BEHIND TRAFFIC-FACE OF CURB.

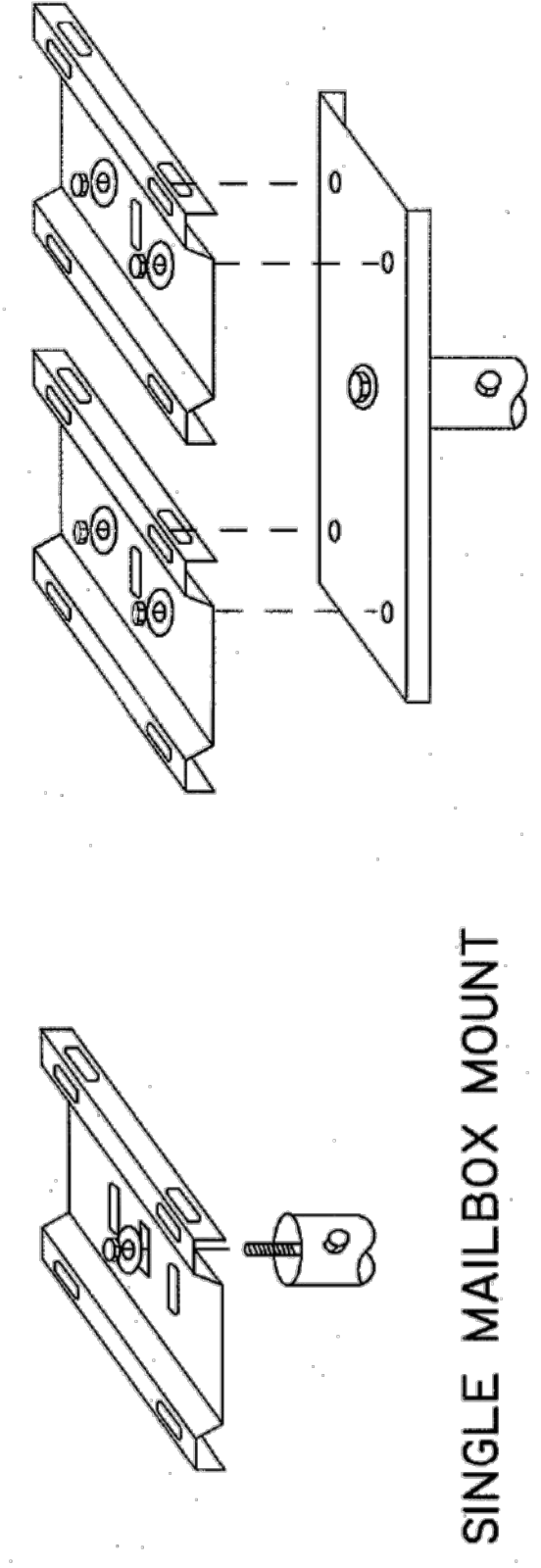


D _c (FEET)	D _s (FEET)	
	MINIMUM	PREFERRED
65	100	150

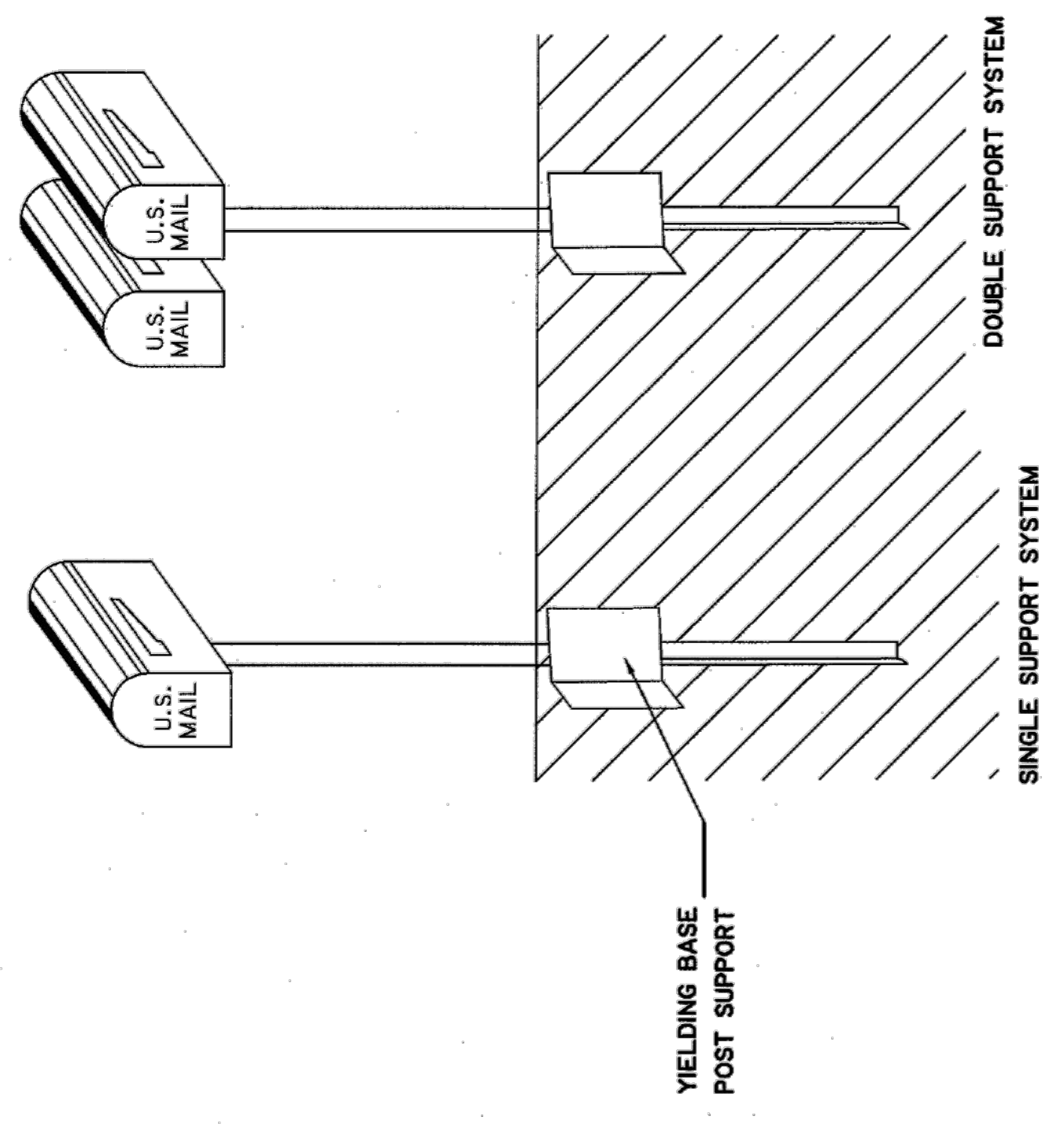
THROUGH ROAD SPEED (M.P.H.)	D _c (FEET)		D _s (FEET)	
	n	V _c / 1.5n-5	n	V _c / 1.5n-5
≥ 55	65	65	150	150
35	65	200	295	200
35	65	200	295	200

V_c = AVERAGE DAILY TRAFFIC ON CROSS ROAD (VEHICLES PER DAY)
 V_m = AVERAGE DAILY TRAFFIC ON THROUGH ROAD (VEHICLES PER DAY)
 n = NUMBER OF MAILBOXES AT MAIL STOP

MINIMUM CLEARANCES TO NEAREST MAILBOX IN MAIL STOPS AT INTERSECTIONS



SINGLE AND DOUBLE MAILBOX MOUNTS SERIES C



EXAMPLES OF SINGLE AND DOUBLE MAILBOX INSTALLATIONS SERIES C

NOTES:

NO MAILBOX WILL BE PERMITTED WHERE ACCESS IS OBTAINED FROM THE LANES OF A FREEWAY OR WHERE ACCESS IS OTHERWISE PROHIBITED BY LAW OR REGULATION.
 MAILBOXES SHALL BE LOCATED ON THE RIGHT-HAND SIDE OF THE ROADWAY IN THE DIRECTION OF DELIVERY ROUTE EXCEPT ON ONE-WAY STREETS WHERE THEY MAY BE PLACED ON EITHER SIDE. THE BOTTOM OF THE BOX SHALL BE SET AT AN ELEVATION (H) ESTABLISHED BY THE U.S. POSTAL SERVICE, USUALLY BETWEEN 3'4" AND 4'0" ABOVE THE ROADWAY SURFACE. THE ROADSIDE FACE OF THE BOX SHALL BE OFFSET FROM THE EDGE OF THE TRAVELED WAY. SEE THE SUGGESTED GUIDELINES FOR LATERAL PLACEMENT OF MAILBOXES AT LEFT.
 ALL MAILBOX INSTALLATIONS MUST CONFORM TO THE REQUIREMENTS OF THE U.S. POSTAL SERVICE.

WHERE FEASIBLE, NEW INSTALLATION SHOULD BE LOCATED ON THE FAR RIGHT SIDE OF AN INTERSECTION WITH A ROAD OR DRIVEWAY ENTRANCE. HOWEVER, CONSIDERATION SHOULD BE GIVEN TO
 • MINIMIZING WALKING DISTANCE WITHIN THE ROADWAY FOR THE PATRON.
 • AVAILABLE STOPPING SIGHT DISTANCE IN ADVANCE OF THE MAILBOX SITE, AND
 • POSSIBLE RESTRICTIONS TO CORNER SIGHT DISTANCES AT INTERSECTIONS AND DRIVEWAY ENTRANCES.
 FOR LOCATION OF MAILBOXES AT AN INTERSECTING ROADWAY, SEE DETAIL AT LEFT.

MAILBOXES SHALL BE OF LIGHT SHEET METAL OR PLASTIC CONSTRUCTION MANUFACTURED BY AN APPROVED MANUFACTURER CONFORMING TO THE REQUIREMENTS OF THE U.S. POSTAL SERVICE. MAILBOXES MUST BE FULL-SCALE CRASH TESTED IN ACCORDANCE WITH THE LATEST EDITION OF MASH. NEWSPAPER DELIVERY BOXES SHALL BE OF LIGHT SHEET METAL OR PLASTIC CONSTRUCTION OF MINIMUM DIMENSIONS SUITABLE FOR HOLDING A NEWSPAPER. MANUFACTURERS WHOSE MAILBOXES HAVE BEEN APPROVED BY THE POSTMASTER GENERAL WILL BE LISTED IN THE POSTAL OPERATION MANUAL (POM) AND PUBLISHED IN THE POSTAL BULLETIN. NO MORE THAN TWO MAILBOXES MAY BE MOUNTED ON A SUPPORT STRUCTURE UNLESS THE SUPPORT STRUCTURE AND MAILBOX ARRANGEMENT HAVE BEEN SHOWN TO BE SAFE BY CRASH TESTING IN ACCORDANCE WITH THE LATEST EDITION OF MASH. HOWEVER, LIGHTWEIGHT NEWSPAPER BOXES MAY BE MOUNTED BELOW THE MAILBOX ON THE SIDE OF THE MAILBOX SUPPORT.

MAILBOX SUPPORTS SHALL NOT BE SET IN CONCRETE UNLESS THE SUPPORT DESIGN HAS BEEN SHOWN TO BE SAFE BY CRASH TESTING IN ACCORDANCE WITH THE LATEST EDITION OF MASH WHEN SO INSTALLED.

POSTS SHALL BE STRONG ENOUGH TO SUPPORT THE BOX, BUT CAPABLE OF BENDING WHEN STRUCK BY AN AUTOMOBILE OR A LIGHT TRUCK. MAXIMUM STRENGTH POSTS ARE EITHER A METAL POST WITH A STRENGTH NO GREATER THAN A 2" DIAMETER STANDARD STRENGTH STEEL PIPE OR A 2x4 FT FLANGED CHANNEL OR A 4"x4" WOODEN POST. POSTS ARE ACCEPTABLE MAILBOX SUPPORTS WHEN EMBEDDED NO MORE THAN 24" INTO THE GROUND. A METAL POST SHALL NOT BE FITTED WITH AN ANCHOR PLATE, BUT MAY HAVE AN ANTI-TWIST DEVICE THAT EXTENDS NO MORE THAN 10" BELOW THE GROUND SURFACE.

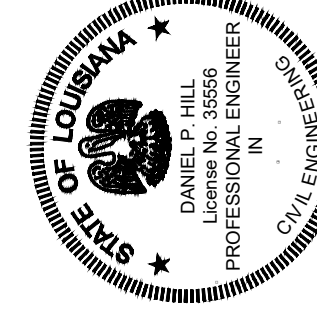
THE POST-TO-BOX ATTACHMENT SHALL BE OF SUFFICIENT STRENGTH TO PREVENT THE BOX FROM SEPARATING FROM THE POST TOP IF THE INSTALLATION IS STRUCK BY AN AUTOMOBILE OR LIGHT TRUCK.

THE MINIMUM SPACING BETWEEN THE CENTERS OF SUPPORT POSTS SHALL BE THREE-FOURTHS THE HEIGHT OF THE POSTS ABOVE THE GROUND LINE

MAILBOX SUPPORT DESIGNS NOT DETAILED WILL BE ACCEPTABLE IF FULL-SCALE CRASH TESTED IN ACCORDANCE WITH THE LATEST EDITION OF MASH AND IF APPROVED BY THE ENGINEER.

FOR POST-TO-BOX ATTACHMENT DETAILS, SEE SHEET 2 OF 2.

MASH - MANUAL FOR ASSESSING SAFETY HARDWARE.



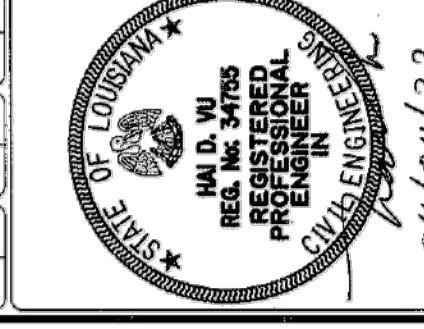
10-21-2024

These standard plans have been properly examined by the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly prepared for this project.

NOTE: SUPPORT FRAME AND FOUNDATION SHOWN ARE PROPRIETARY PRODUCTS.

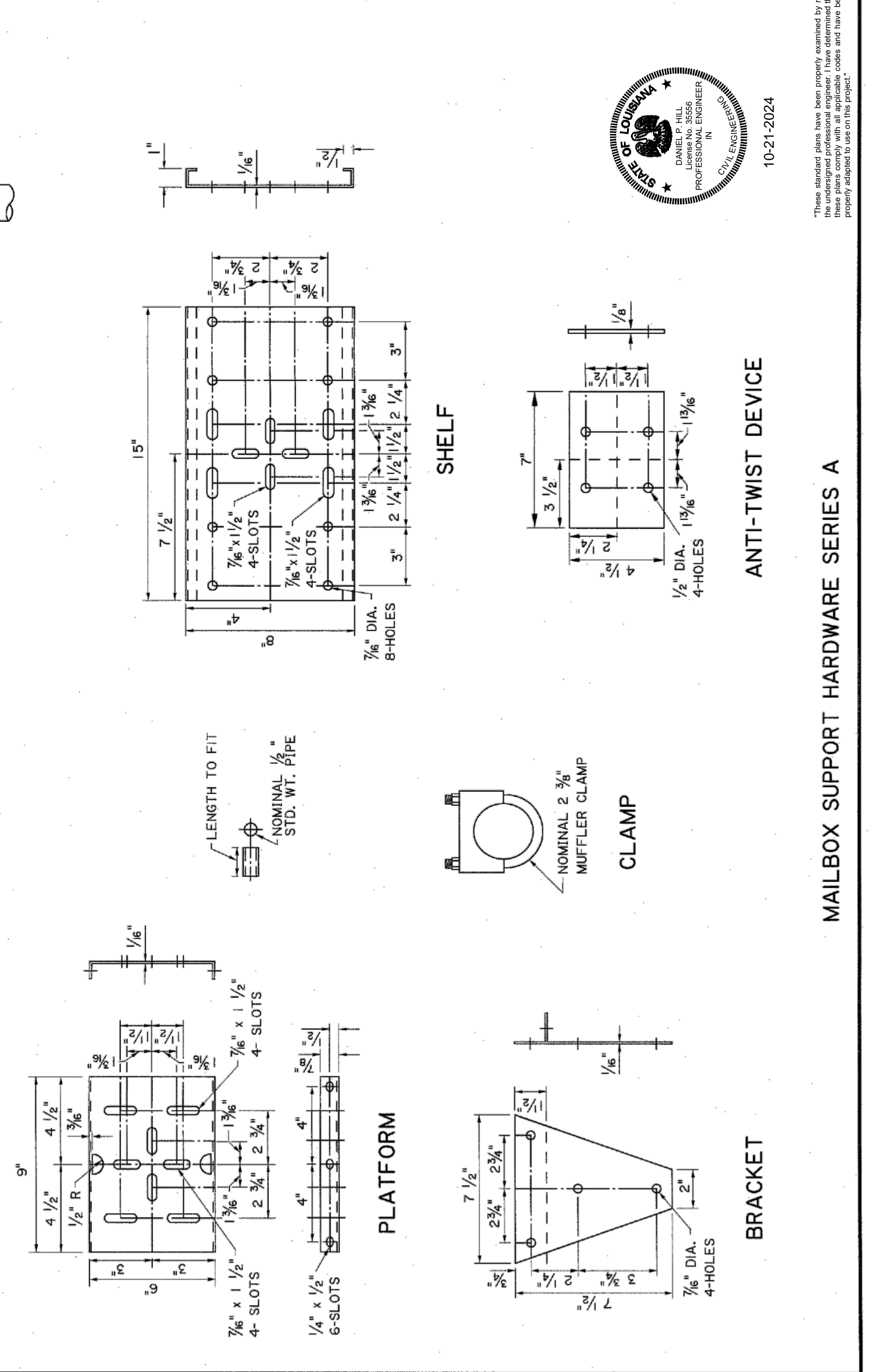
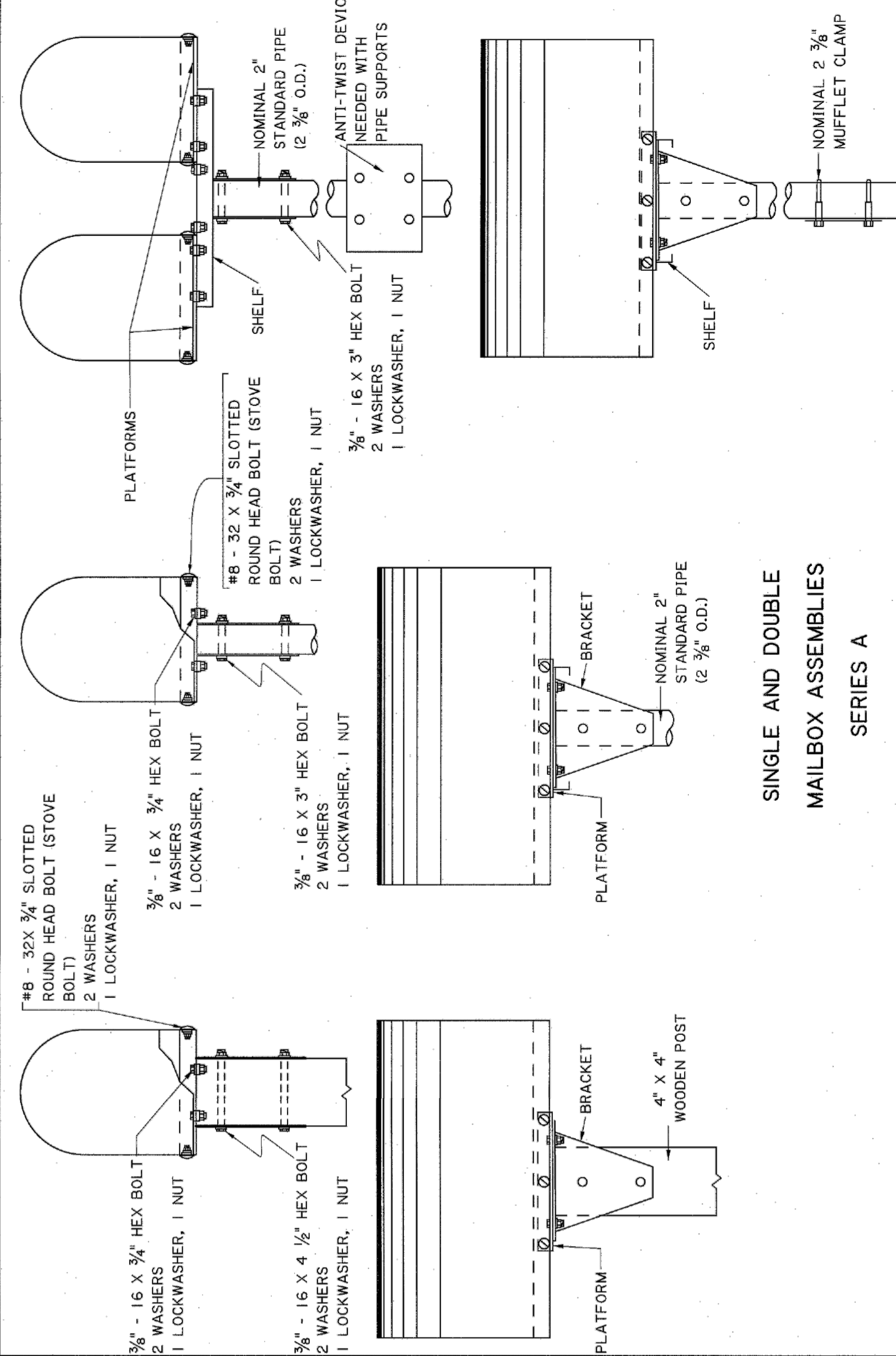
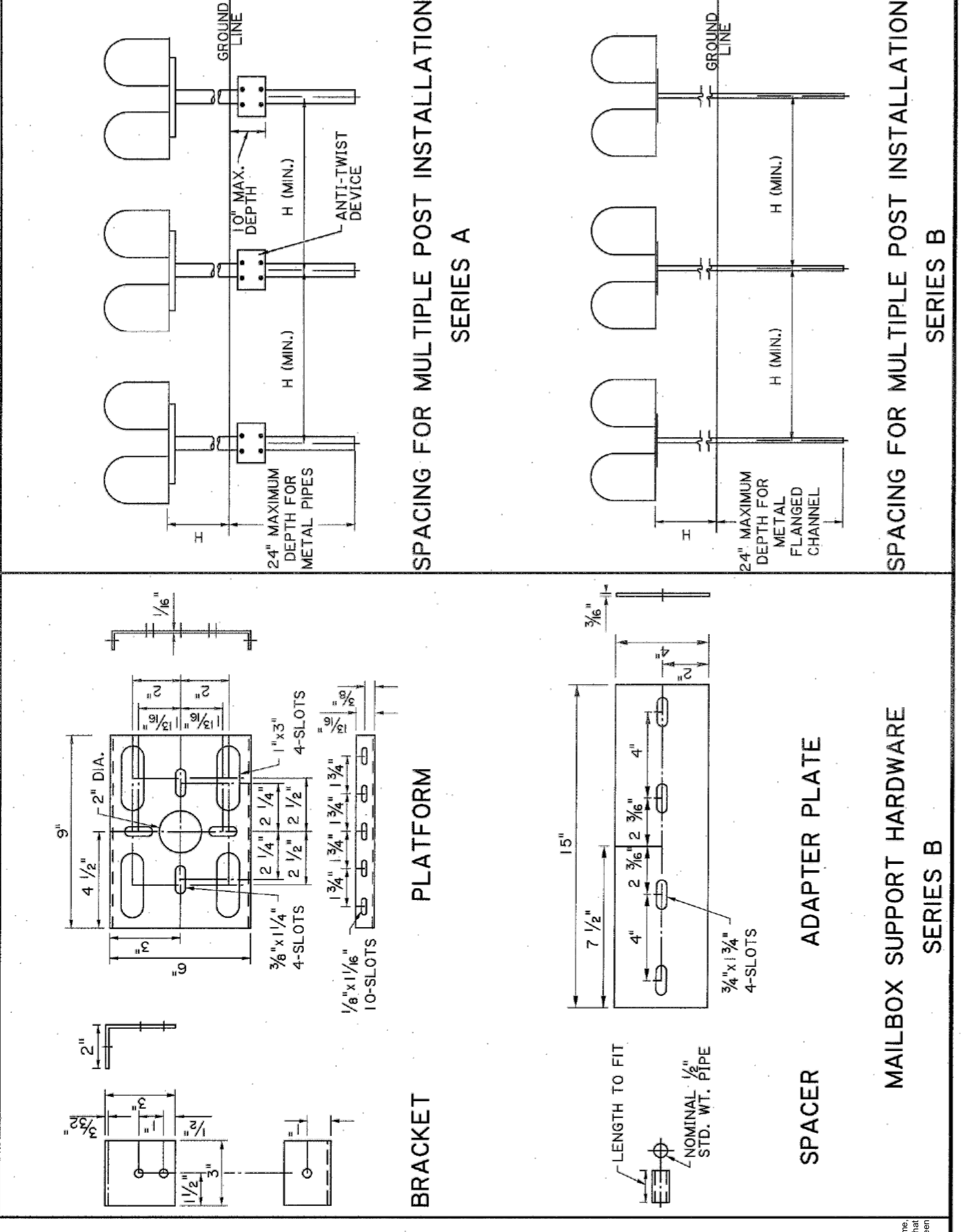
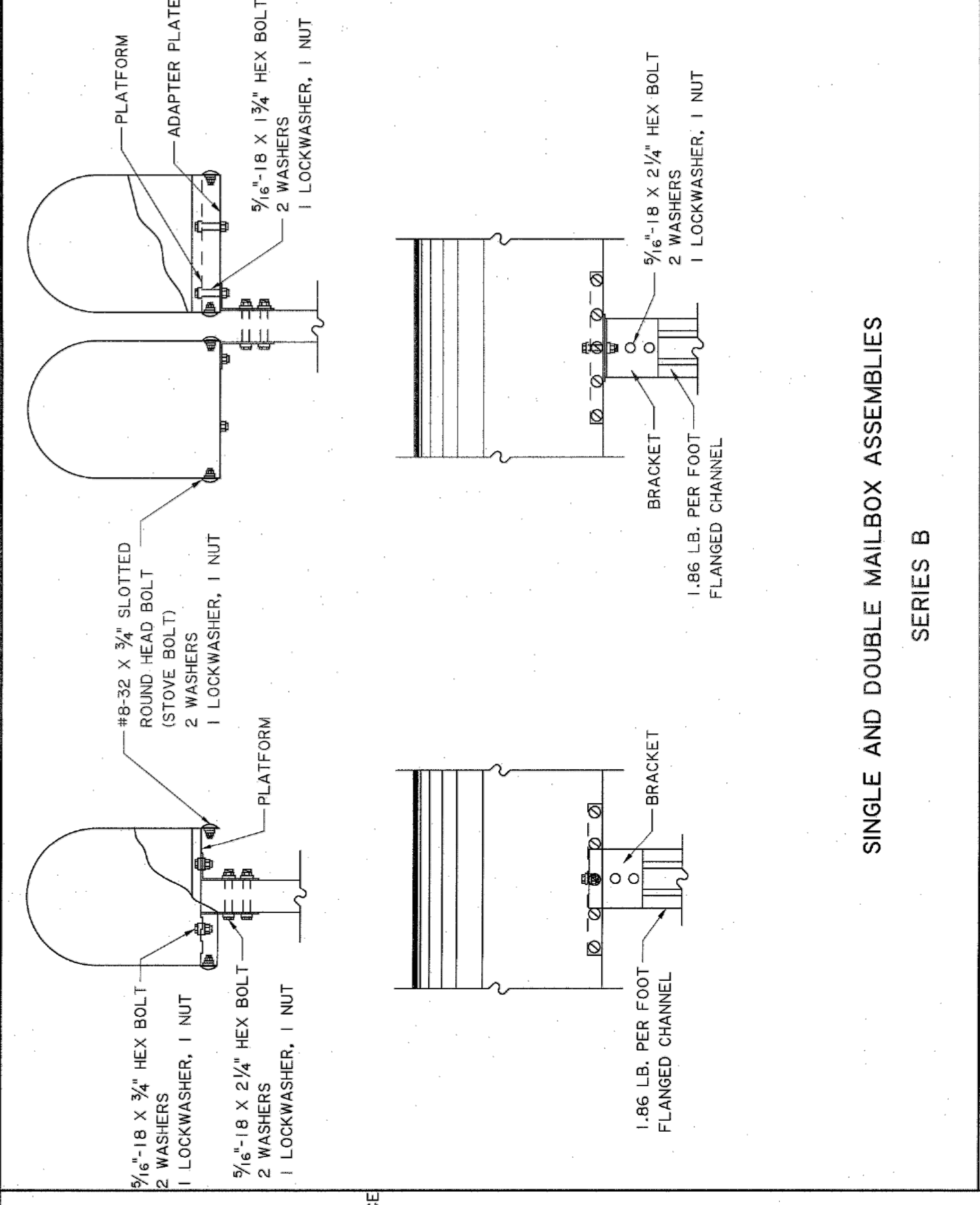
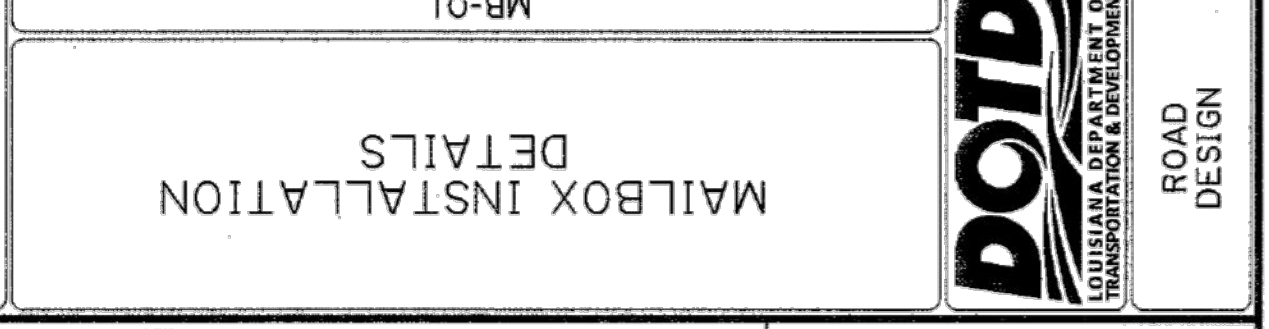
DESIGN	H. VU
CHECK	D. SMITH
DETAIL	H. VU
CONTROL	D. SMITH
SECTION	
STATE	
PROJECT	

DESIGN	H. VU
CHECK	D. SMITH
DETAIL	H. VU
CONTROL	D. SMITH
SECTION	
STATE	
PROJECT	



DATE: 4/2/2022
 APPROVED BY CHIEF ENGINEER: *[Signature]*
 04/04/22


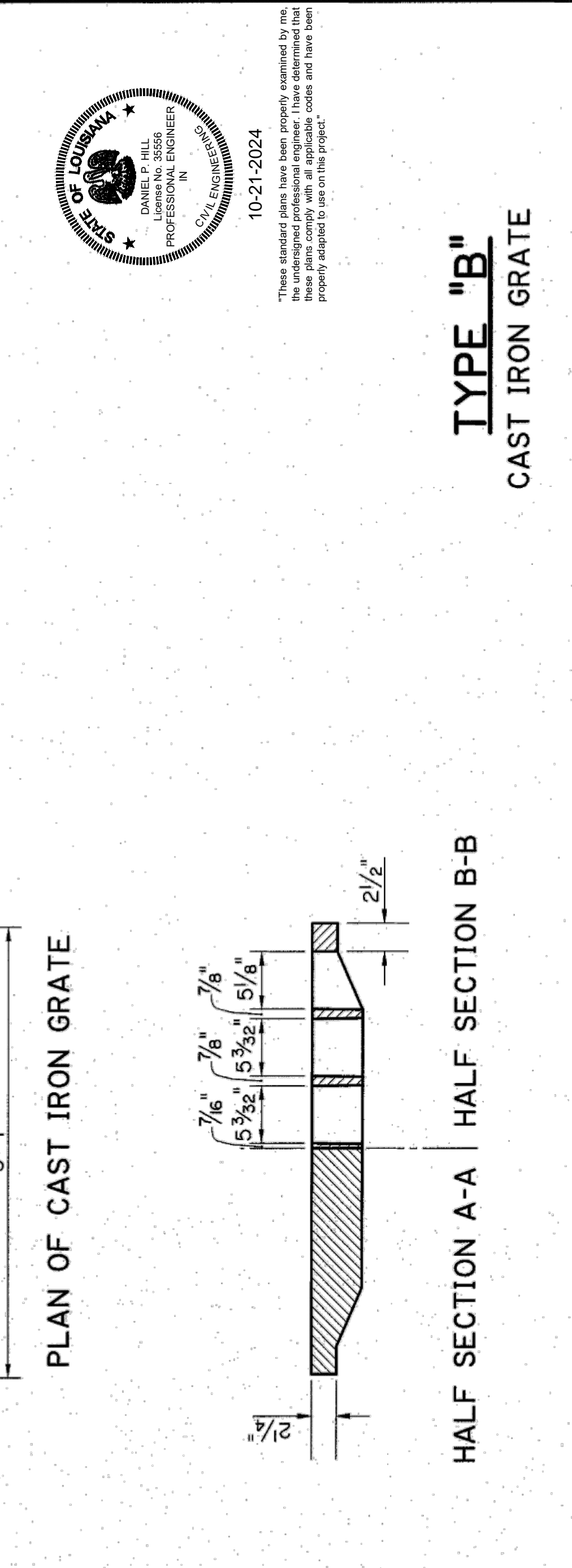
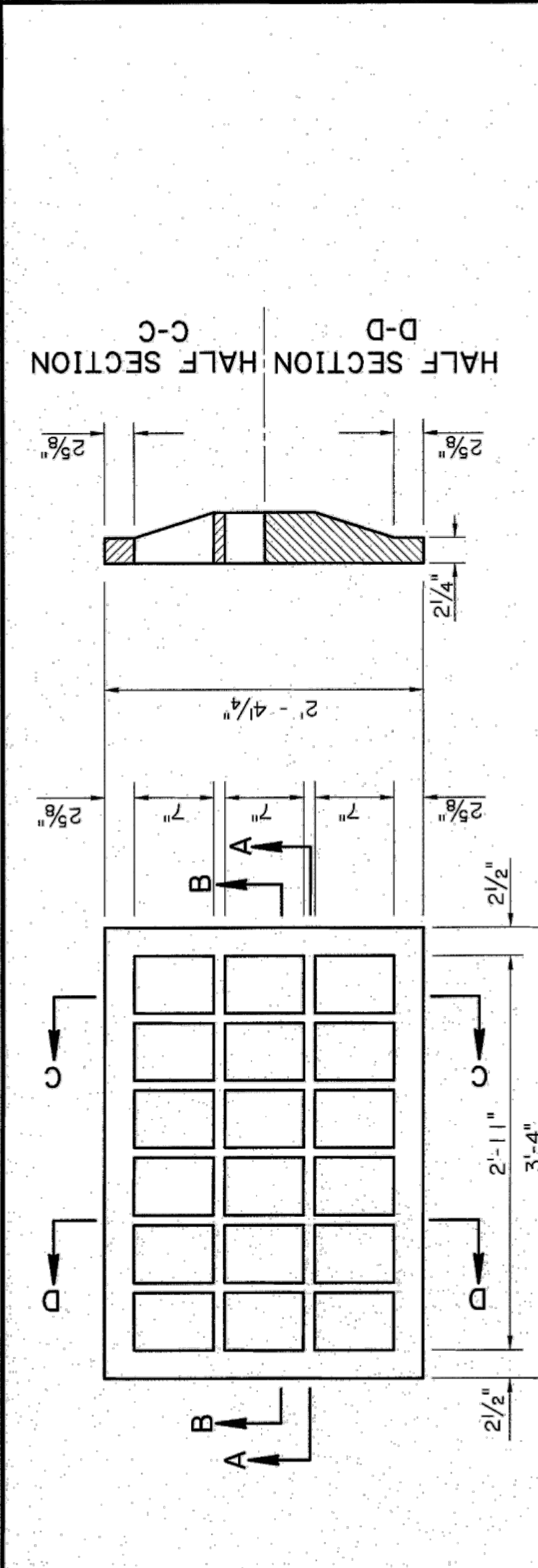
MAILBOX INSTALLATION DETAILS
 MB-01



DESIGNED	AMA	CHECKED	AMA	PARISH	
DETAILS	AMA	CHECKED	AMA	SECTION	
PROJECT	9/01/17	SERIES	1 OF 6	DATE	5/25/18
REVISION DESCRIPTION					
APPROVED BY	[Signature]				
DATE					

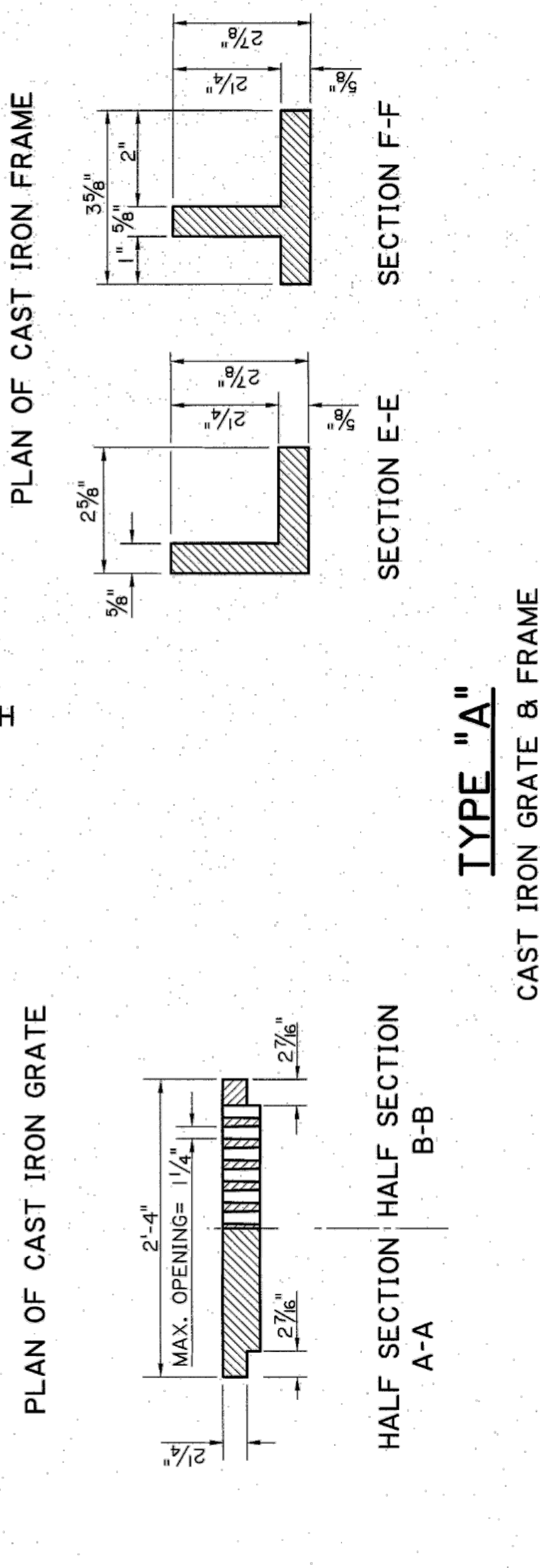
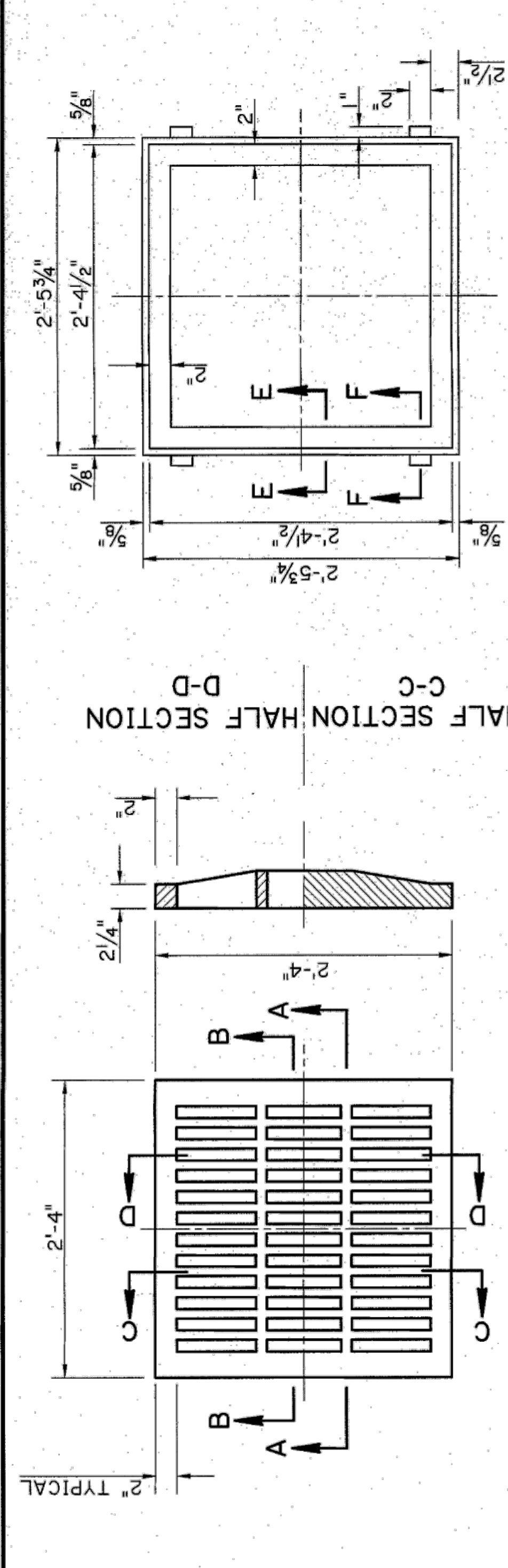
HYDRAULICS SECT. MC-01

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

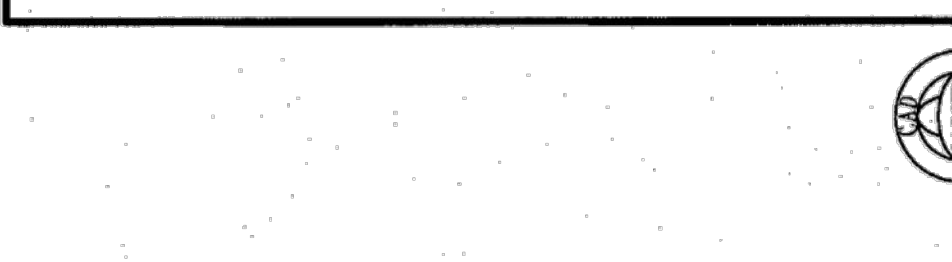
TYPE "B"
CAST IRON GRATE

NOTE: UNLESS OTHERWISE STATED, TYPE "E" FRAME WILL BE USED WITH THIS GRATE.

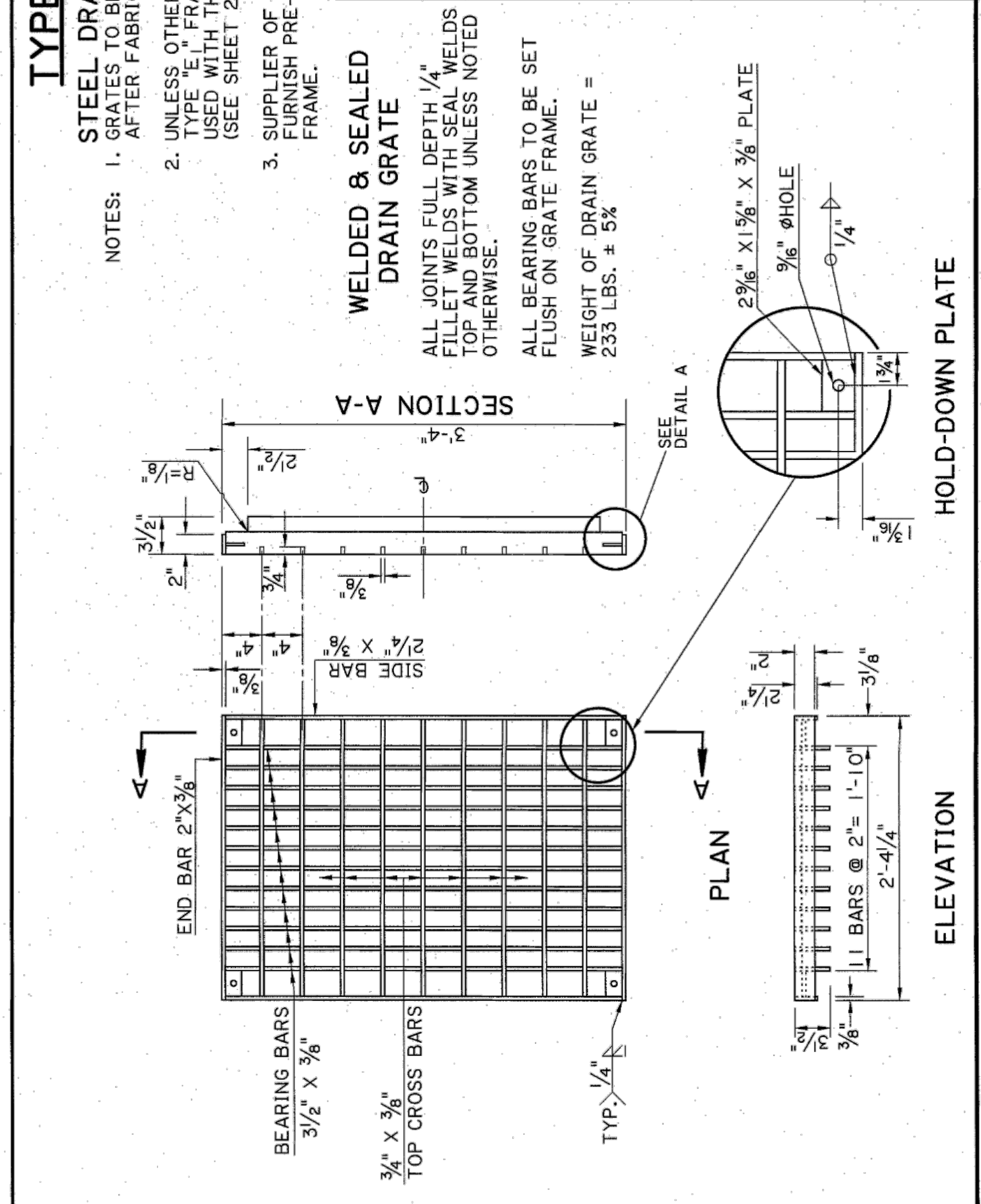
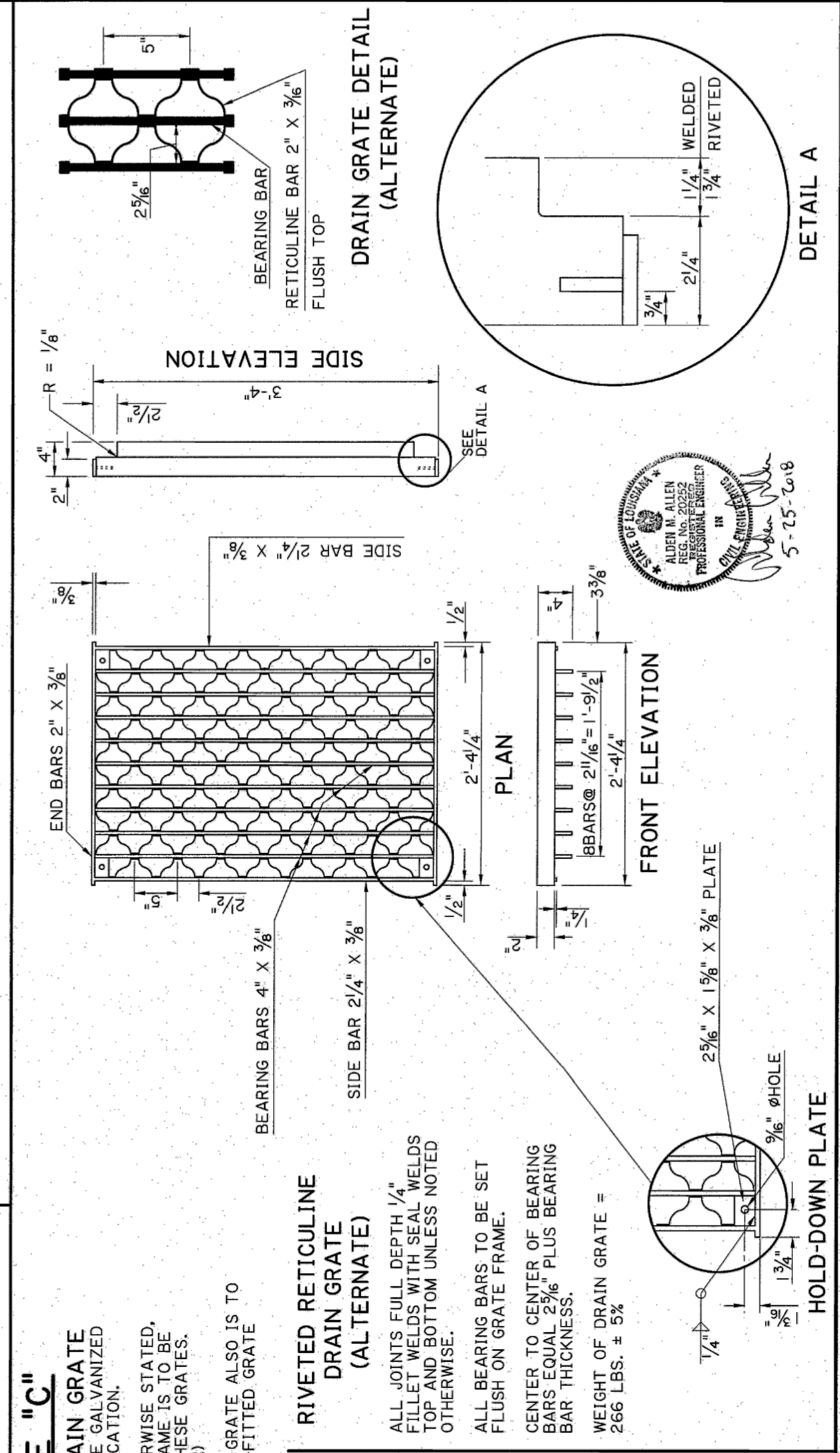


TYPE "A"
CAST IRON GRATE & FRAME

MIN. OPENING = 290 SQ. IN. AREA



These standard plans have been properly examined by me, and they appear to conform with the applicable codes and have been properly adapted to use on this project.



These standard plans have been properly examined by me, and they appear to conform with the applicable codes and have been properly adapted to use on this project.

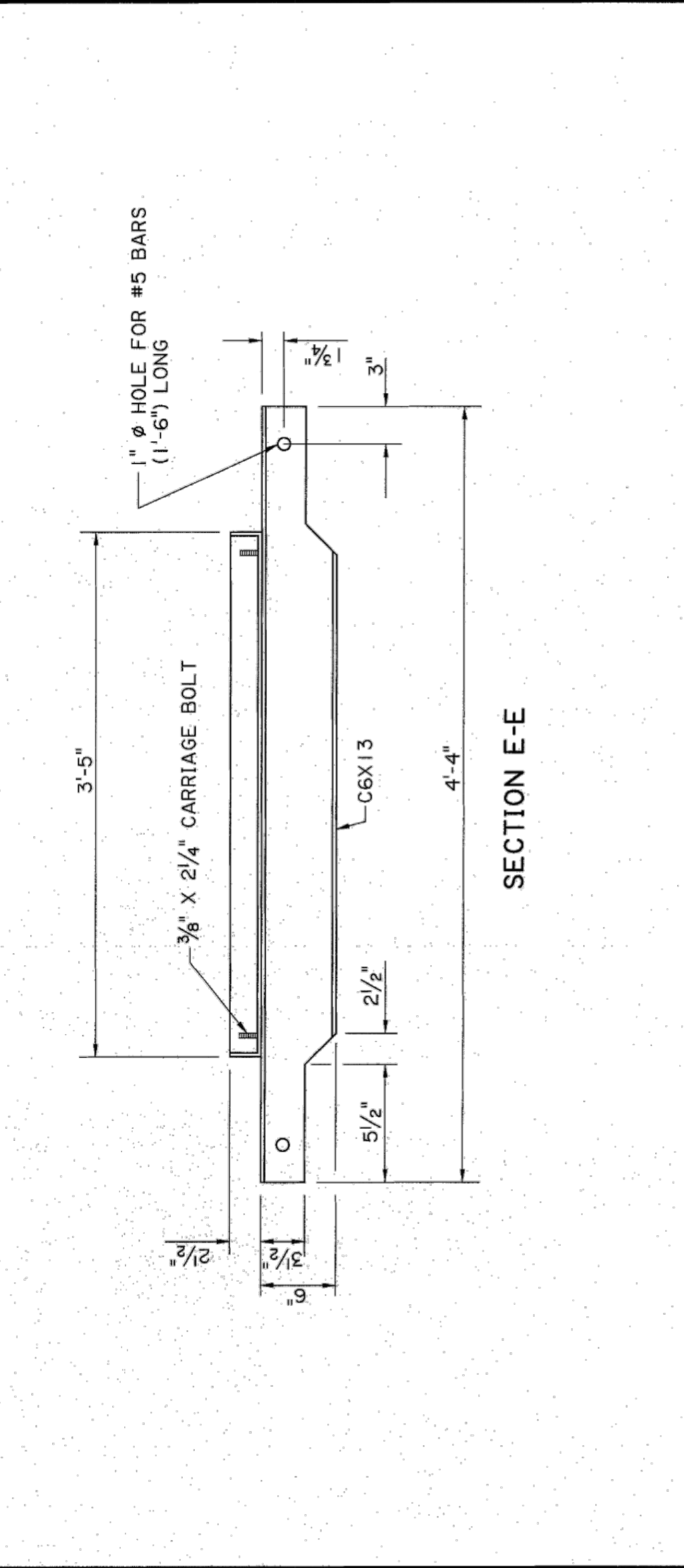
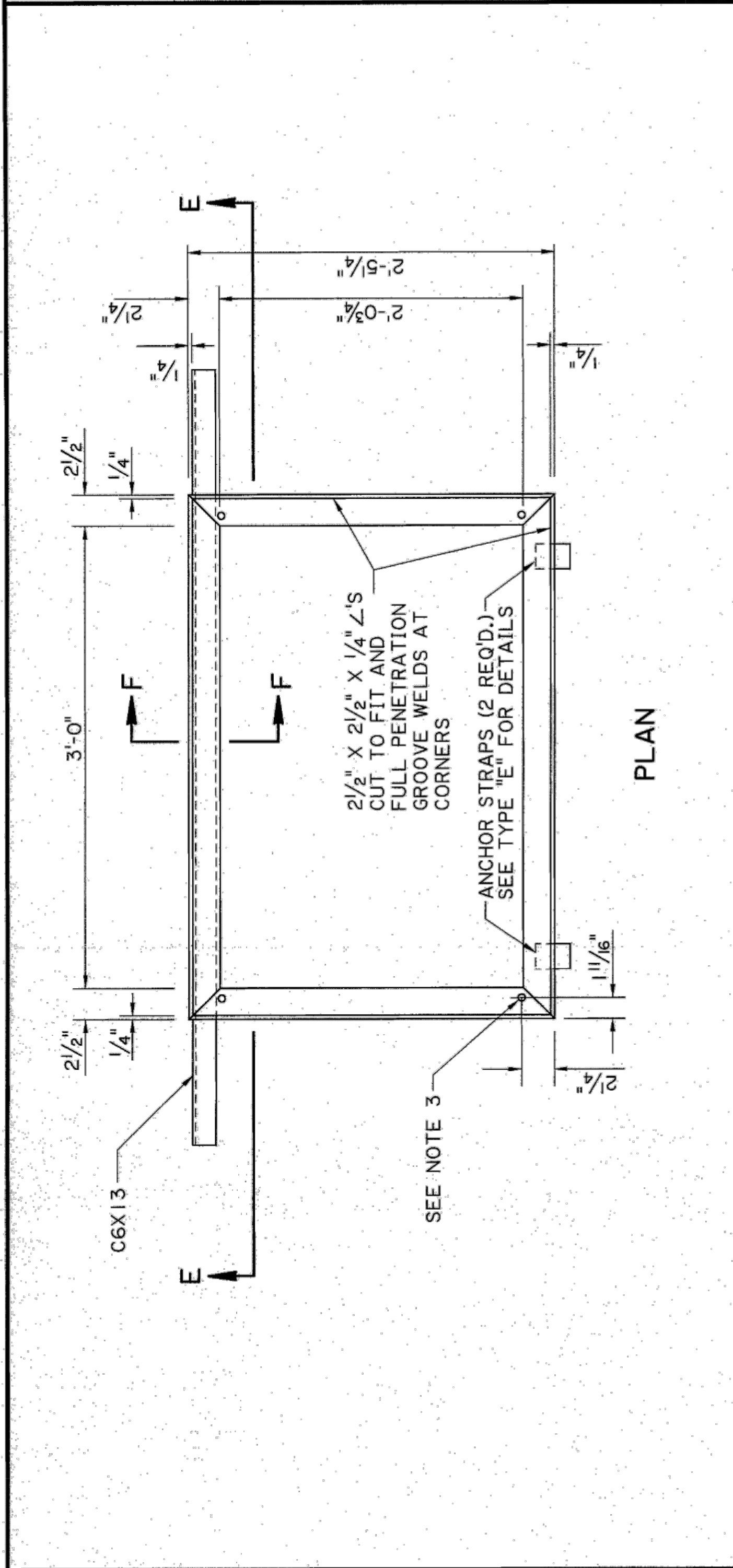
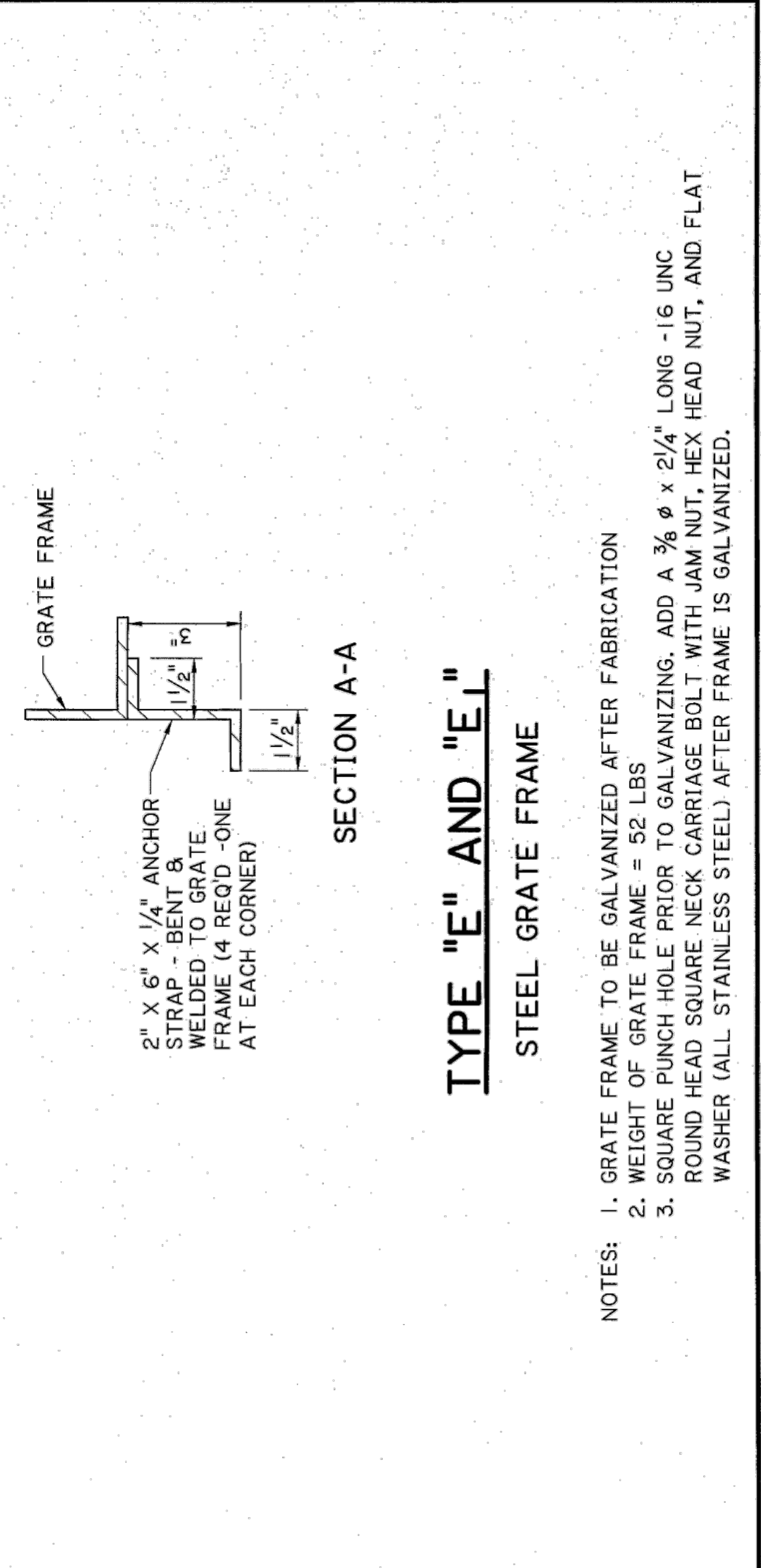
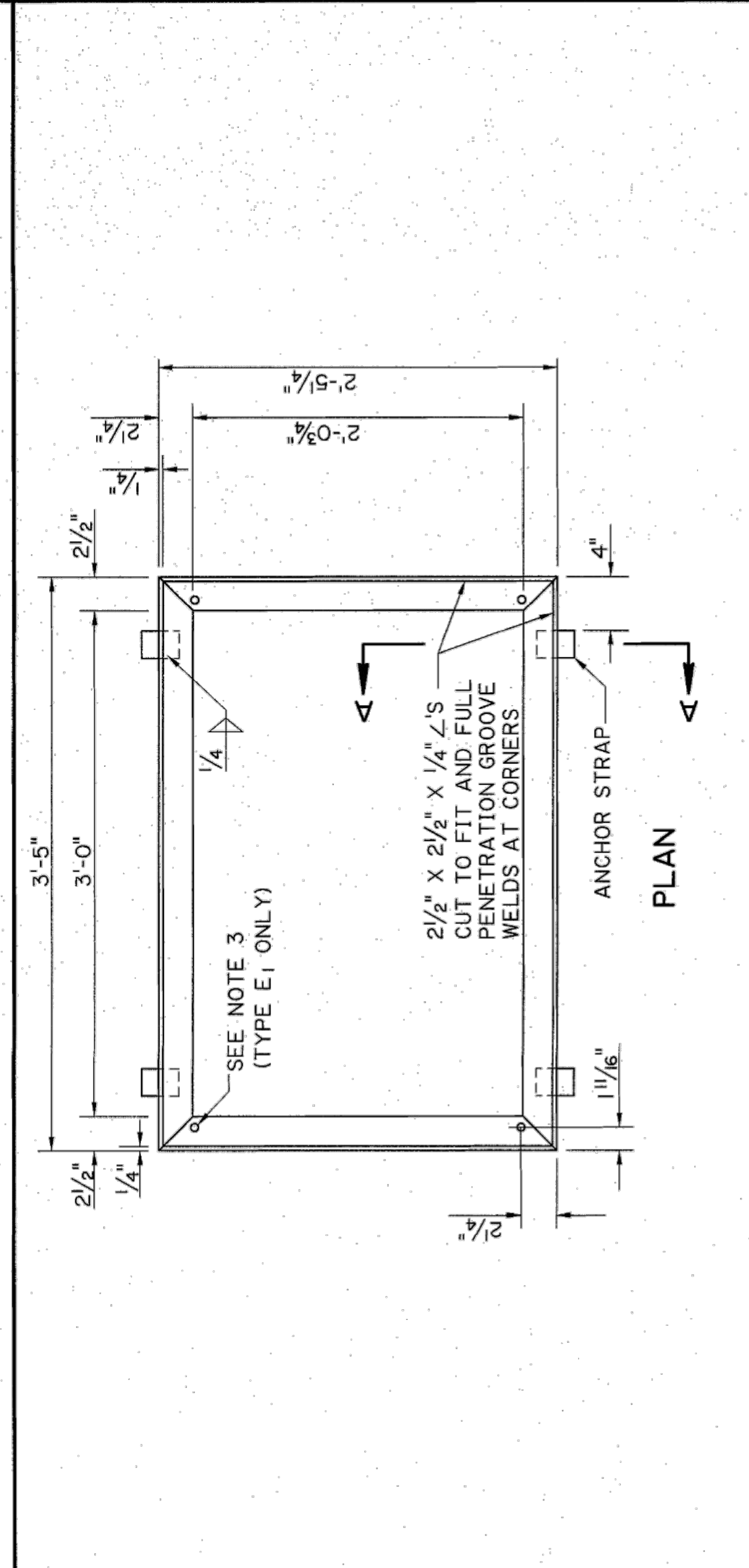
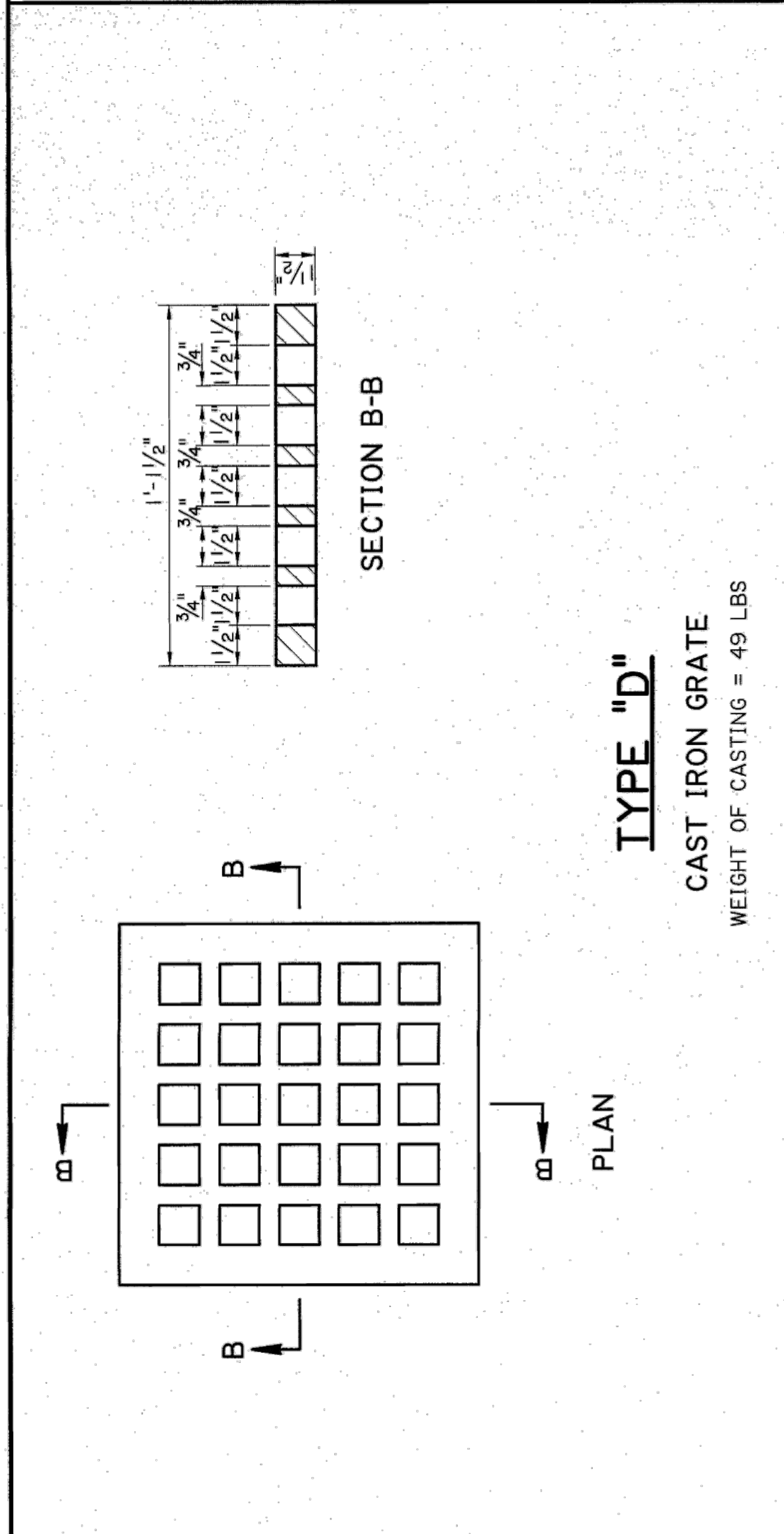
PROJECT	STATE	SERIES	DATE	APPROVED BY	CHIEF ENGINEER
MA	MA	2 OF 6	5/25/18	<i>[Signature]</i>	
SECTION	CONTROL	DRAWN	REVISION DESCRIPTION	DATE	
AMA	AMA	AMA			
PARISH	CHECKED	CHECKED			
AMA	AMA	AMA			

STANDARD PLAN MC-01

DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES

HYDRAULICS SECT.

DOTD



10-21-2024

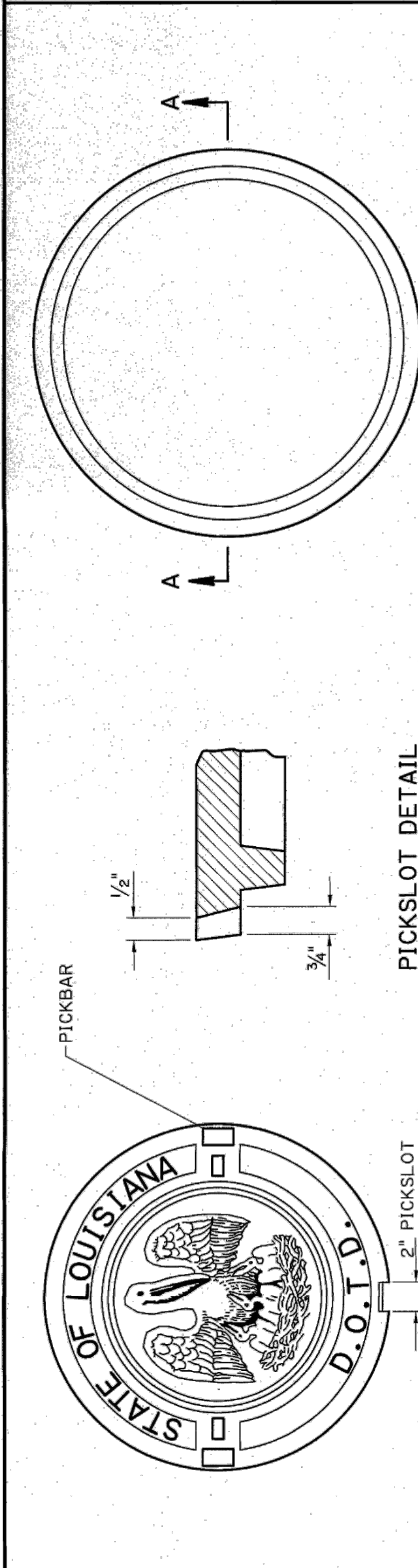
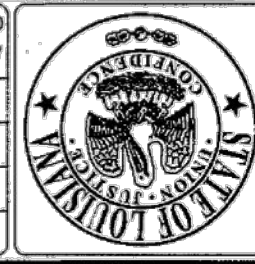
These standard plans have been properly examined by me, and I hereby certify that they conform to the requirements of the Louisiana Professional Engineering Act, and that they have been properly adapted to use on this project.

STATE OF LOUISIANA
DANIEL P. HIGGS
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

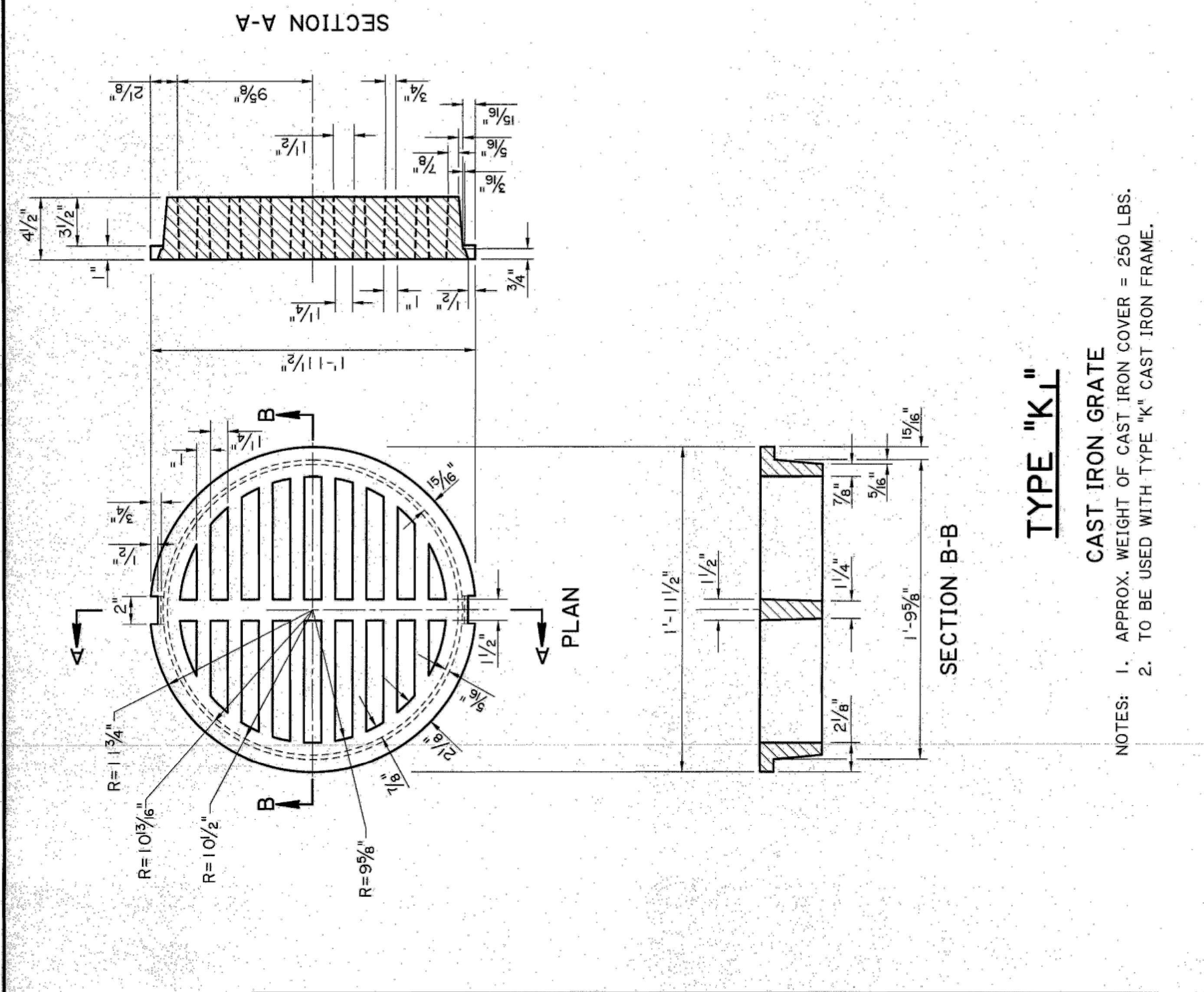
STATE OF LOUISIANA
ALDEN H. ALLEN
REG. NO. 20252
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

NOTES:
1. GRATE FRAME TO BE GALVANIZED AFTER FABRICATION
2. WEIGHT OF GRATE FRAME = 52 LBS ± 5%
3. SQUARE PUNCH HOLE PRIOR TO GALVANIZING. ADD A 3/8" Ø x 2 1/4" LONG - 16 UNC ROUND HEAD SQUARE NECK CARRIAGE BOLT WITH JAM NUT, HEX HEAD NUT, AND FLAT WASHER (ALL STAINLESS STEEL) AFTER FRAME IS GALVANIZED.

PROJECT	STATE	SERIES	DATE	APPROVED BY	CHIEF ENGINEER
5 OF 6	9/01/17	TL	5/25/18		
CONTROL	SECTION	CHECKED	REVISION DESCRIPTION	DATE	
AMA	AMA	AMA			
PARISH	CHECKED	DESIGNED			
	AMA	AMA			

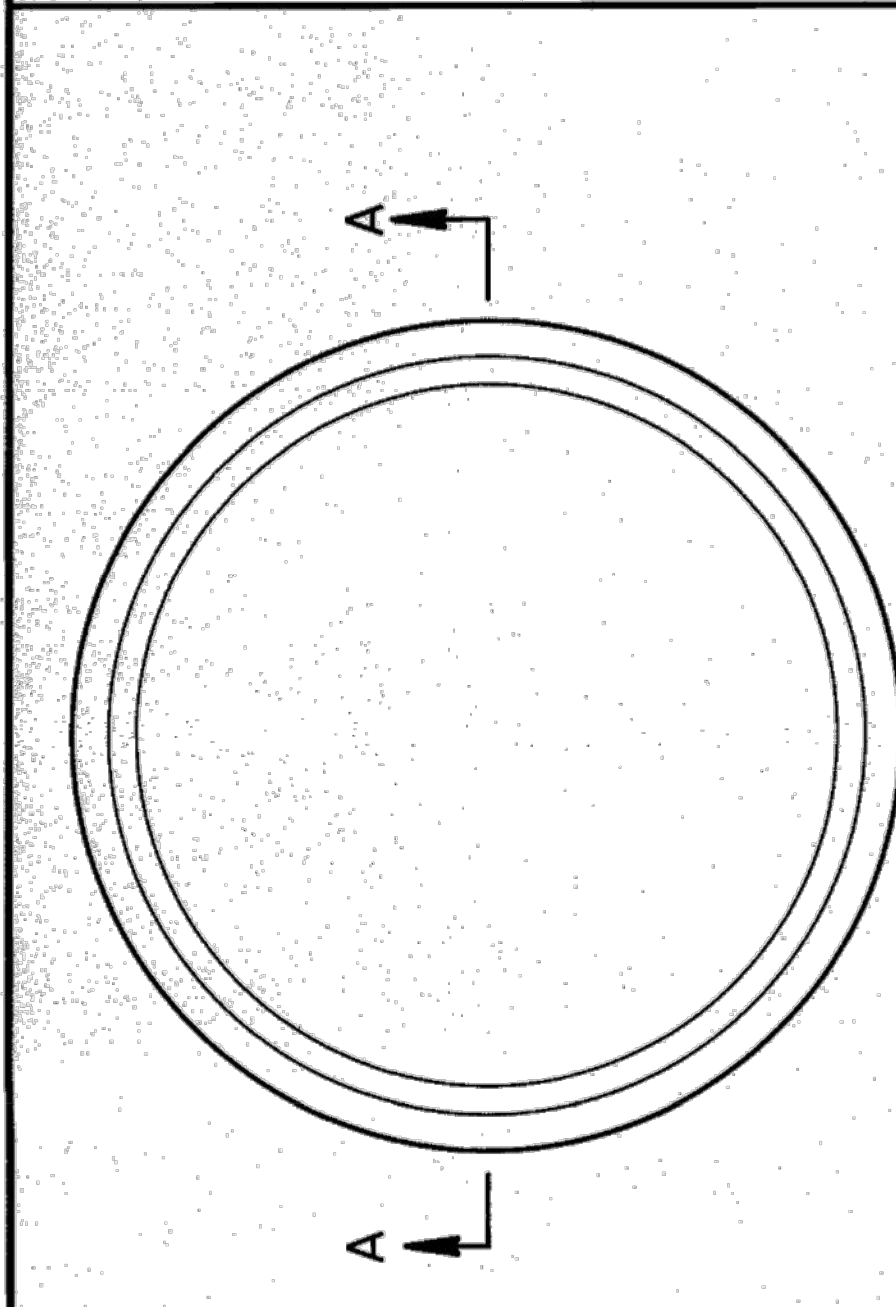


PLAN OF CAST IRON COVER
 PICKSLOT
 PICKSLOT DETAIL

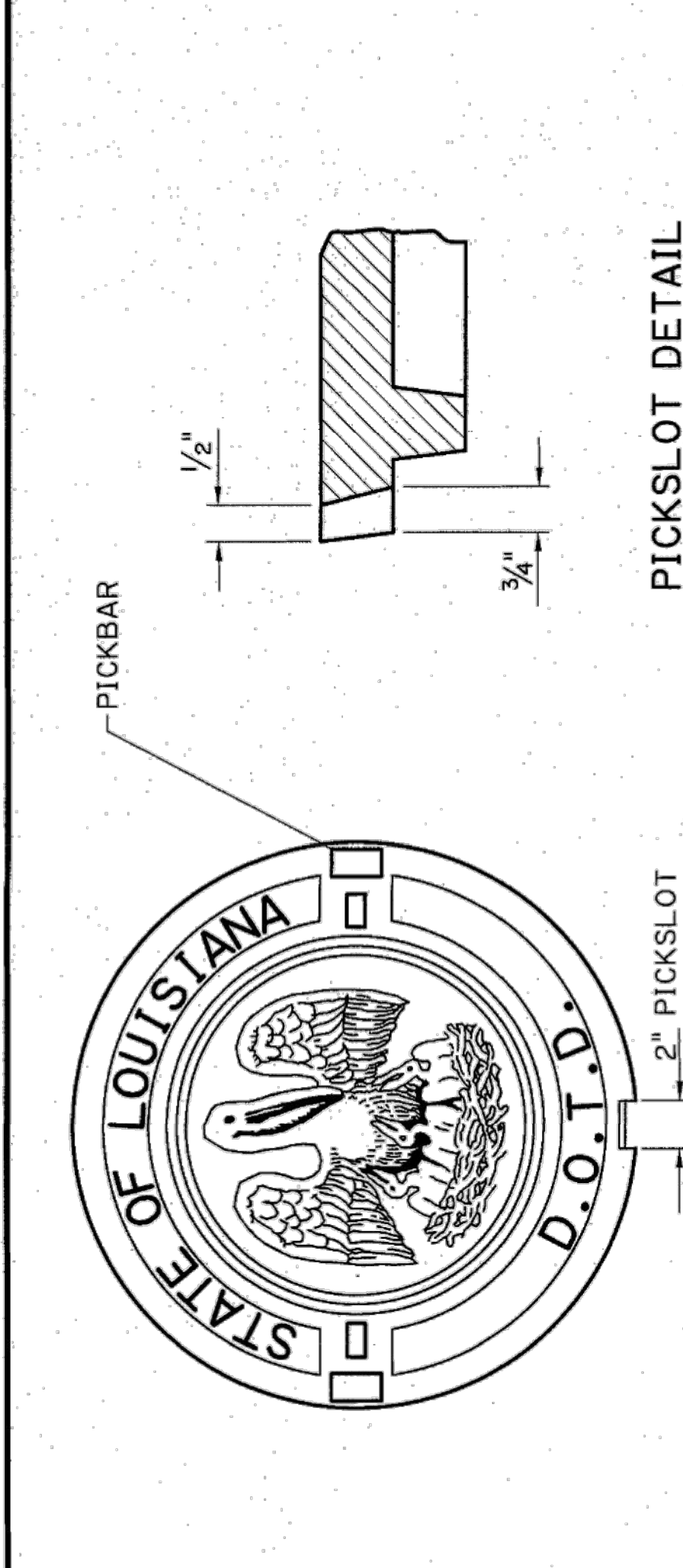


TYPE "K1"

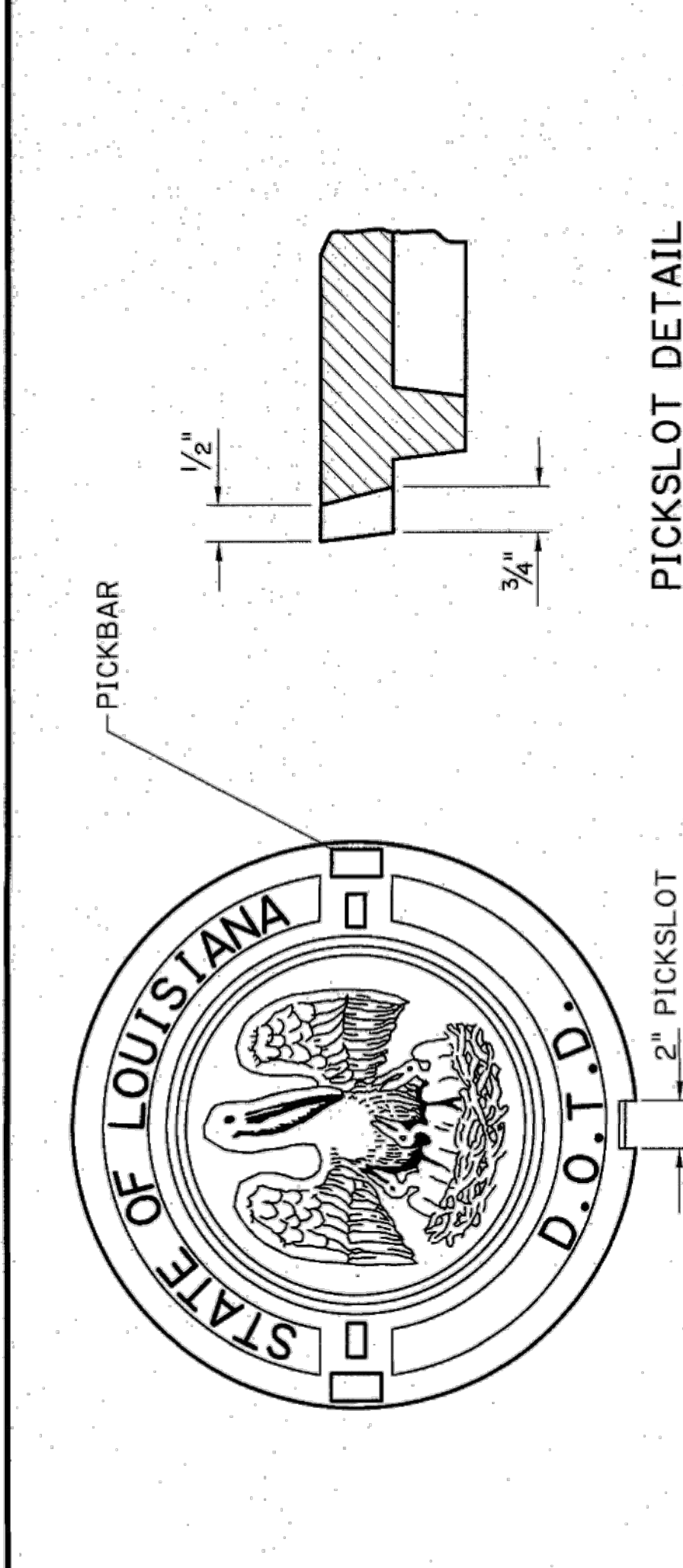
CAST IRON GRATE
 CAST IRON COVER = 250 LBS.
 TO BE USED WITH TYPE "K" CAST IRON FRAME.



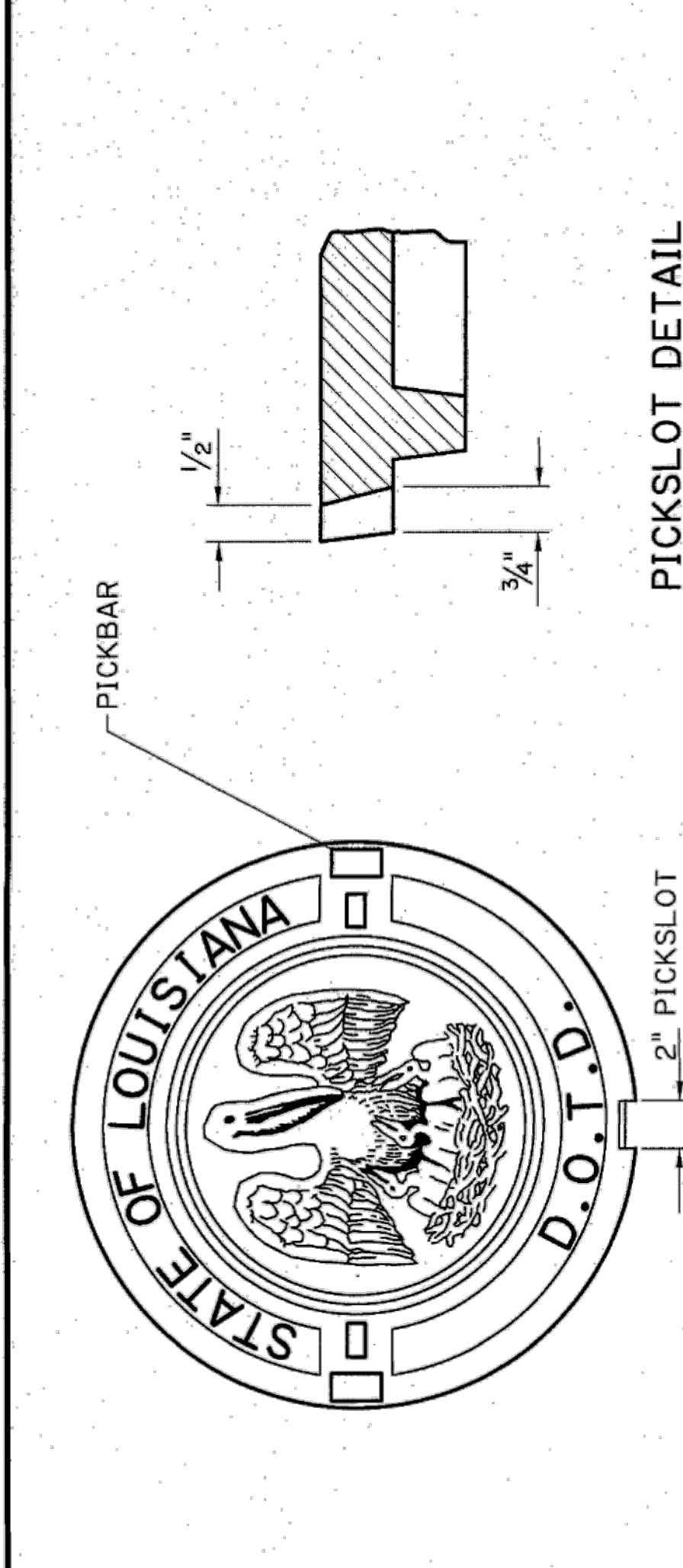
PLAN OF CAST IRON FRAME



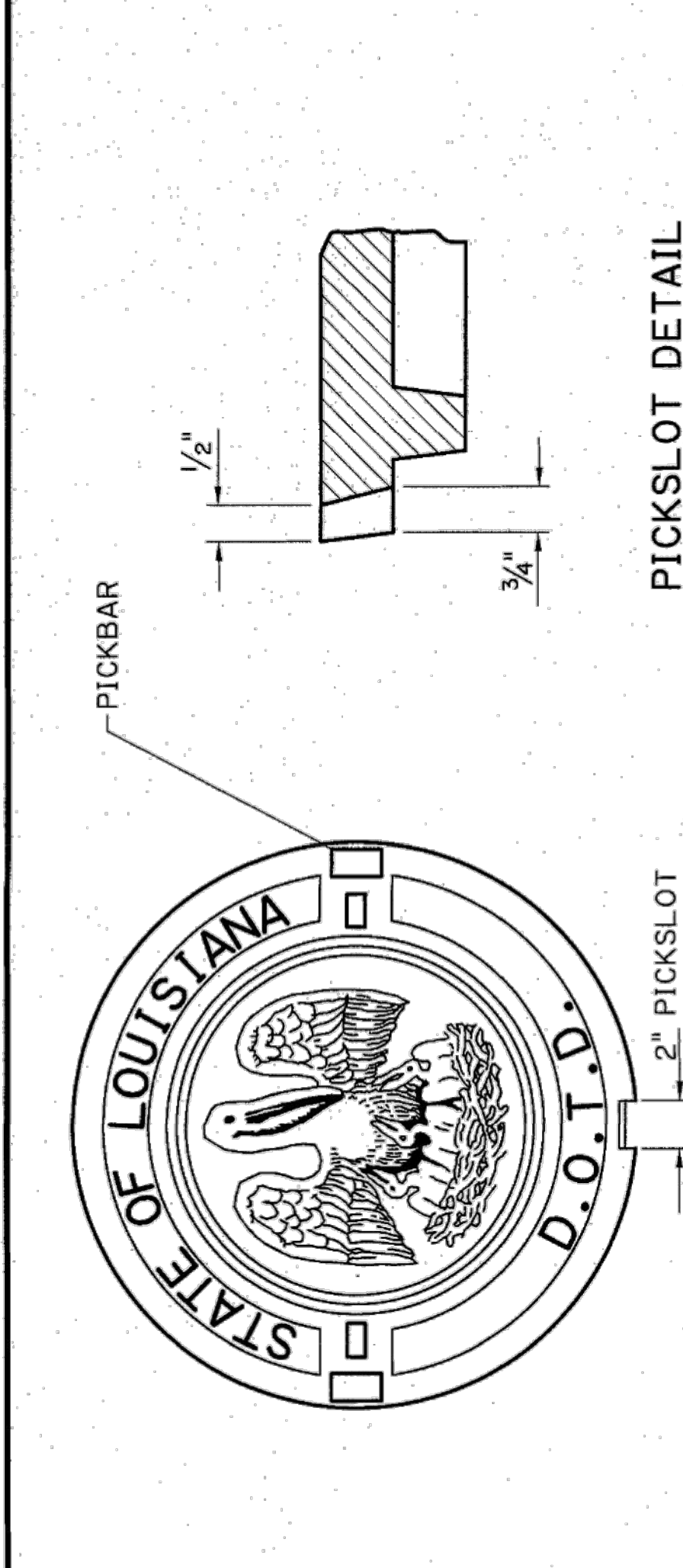
SECTION A-A



SECTION B-B

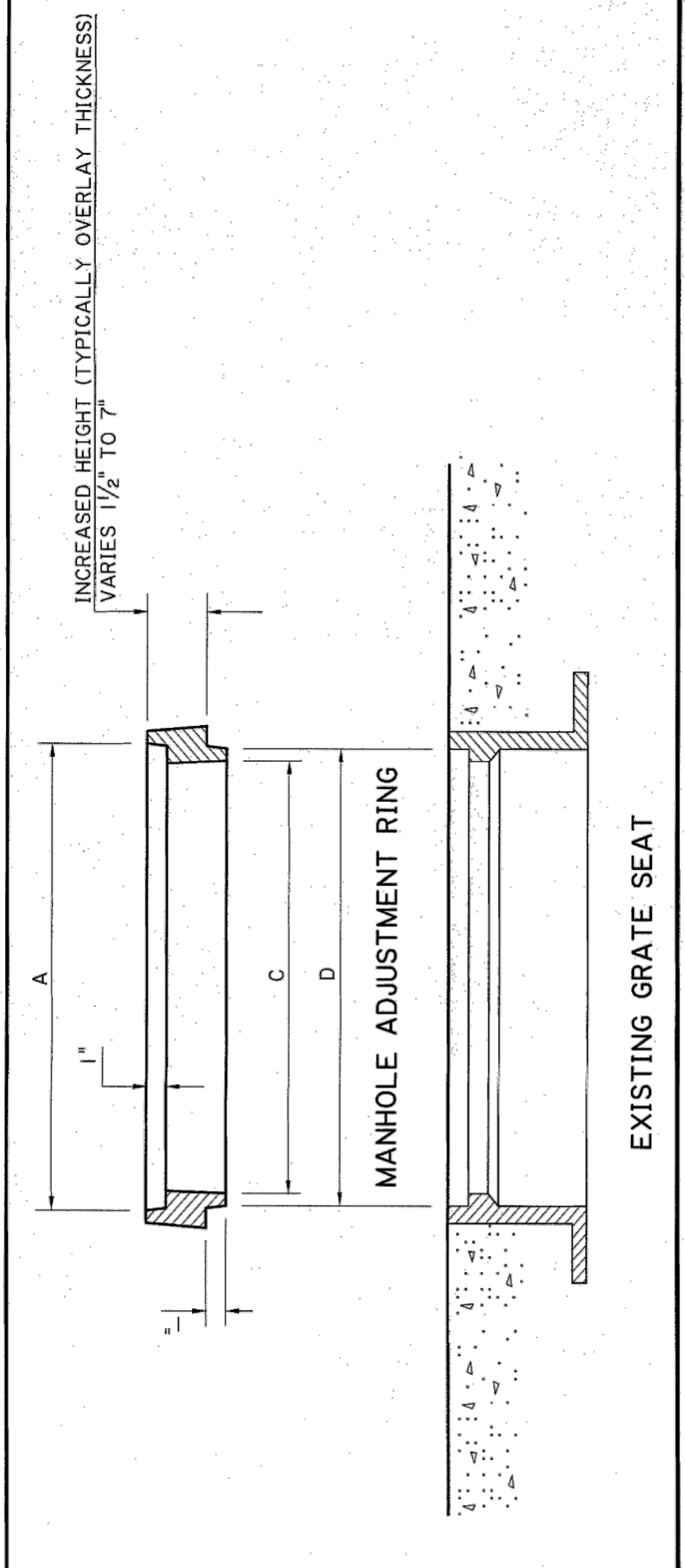


BOTTOM OF CAST IRON COVER



TYPE "K"

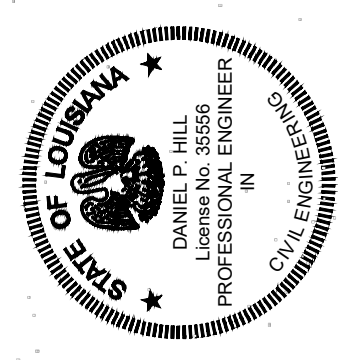
CAST IRON COVER & FRAME
 PICKBAR DETAIL LEFT TO FABRICATOR



MANHOLE ADJUSTMENT RINGS			
A (IN.)	C (IN.)	D (IN.)	D (IN.)
23 1/2	22 1/4	23 1/2	23 3/4
23 3/4	22 1/2	23 3/4	23 3/4

MANHOLE ADJUSTMENT RING

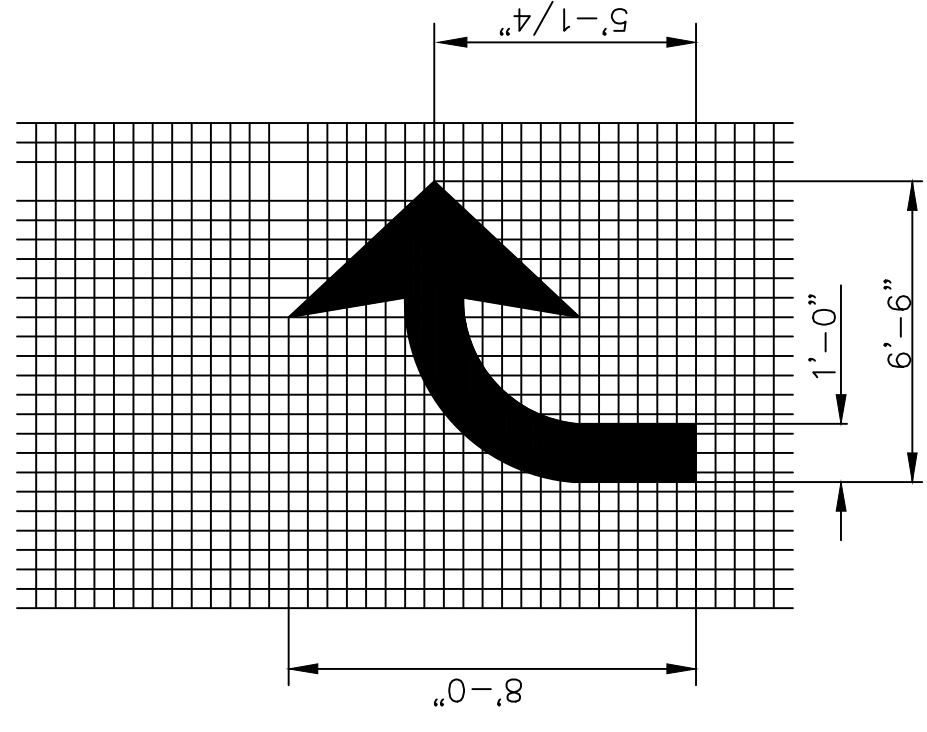
CAST IRON OR STEEL



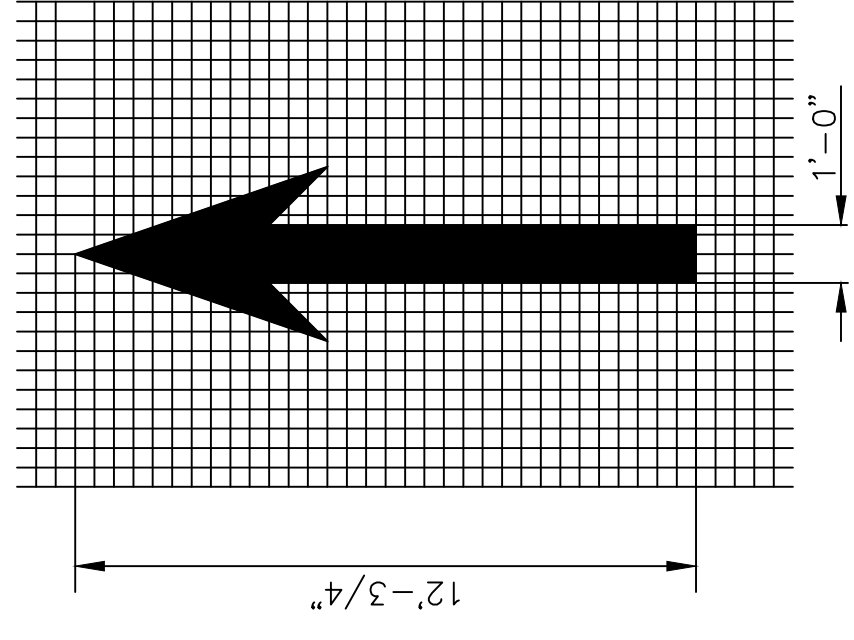
10-21-2024
 These standard plans have been prepared, supervised by me, the undersigned professional engineer. I have determined that these plans comply with all applicable codes and have been properly adapted to use on this project.



TURN ARROW AND STRAIGHT ARROW

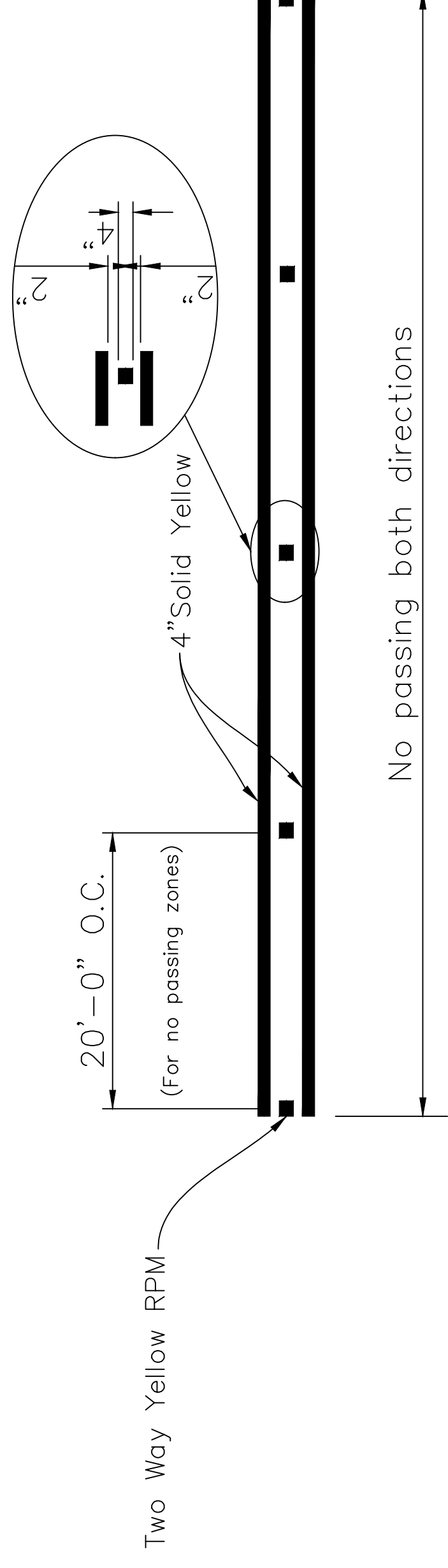


*For Left turn arrow, use mirror image.



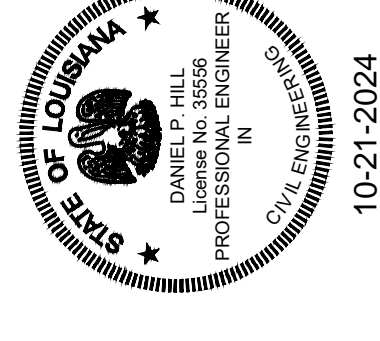
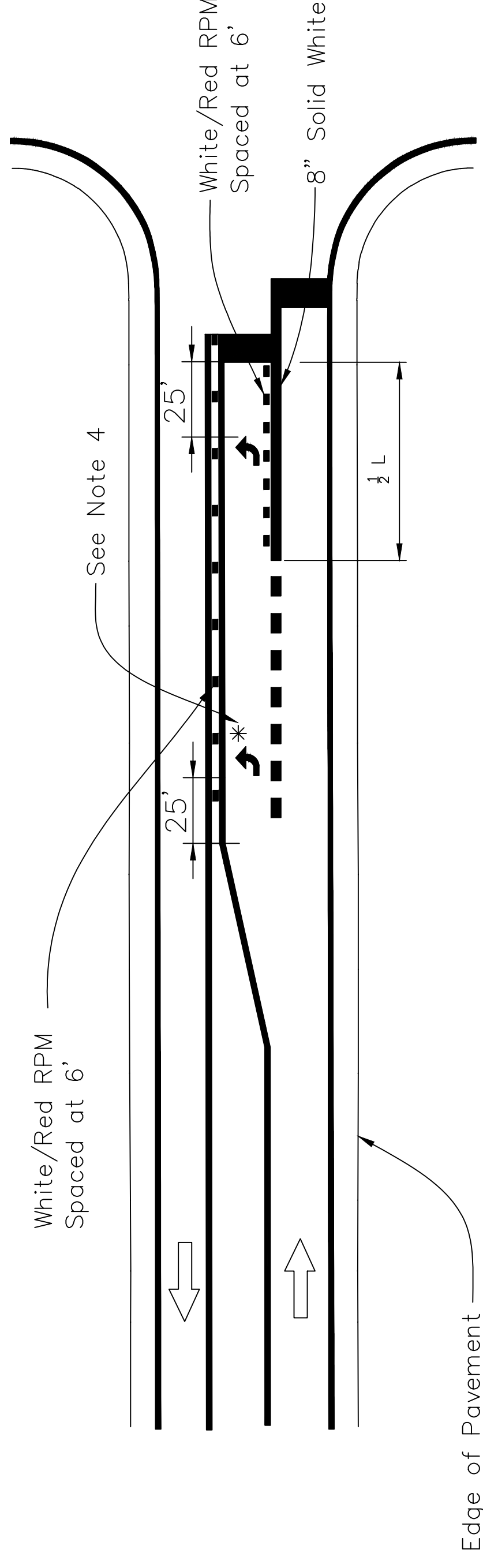
Ⓔ

CENTERLINE OF TWO-LANE ROADWAY WITH TRAFFIC PASSING RESTRICTIONS



Ⓒ

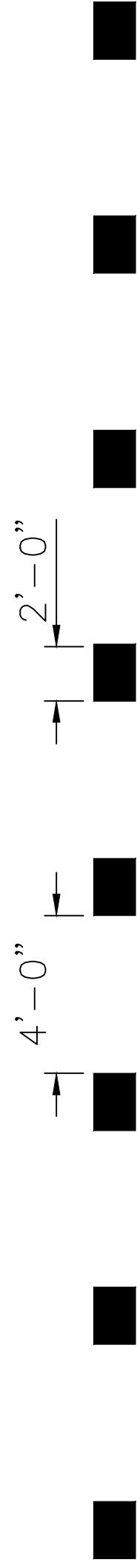
STOP OR SIGNALIZED APPROACH TURN LANE DETAILS



Ⓓ

DOTTED LINE

Used for turn lane taper markings



Note: Width and color shall match line extending unless otherwise noted.

GENERAL NOTES:

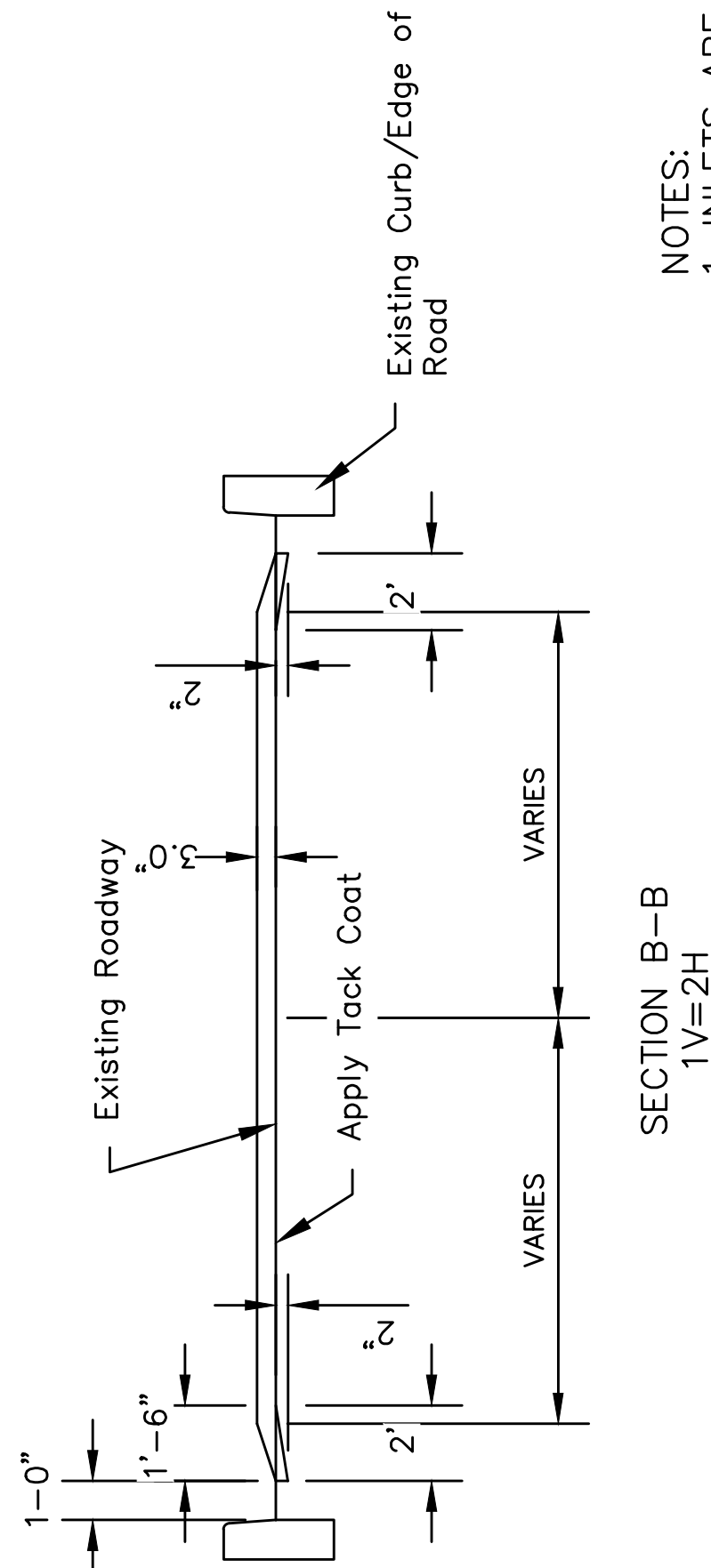
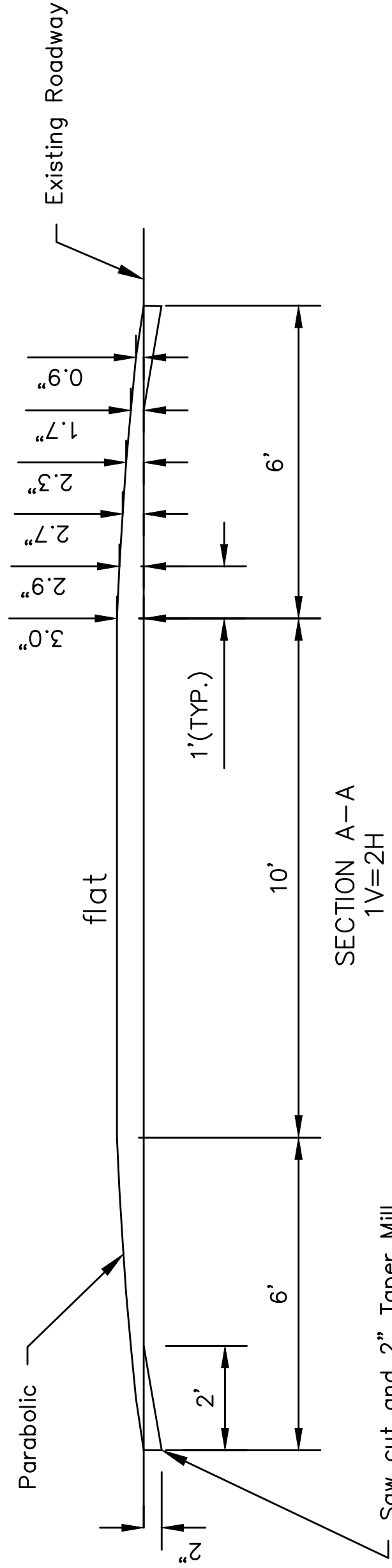
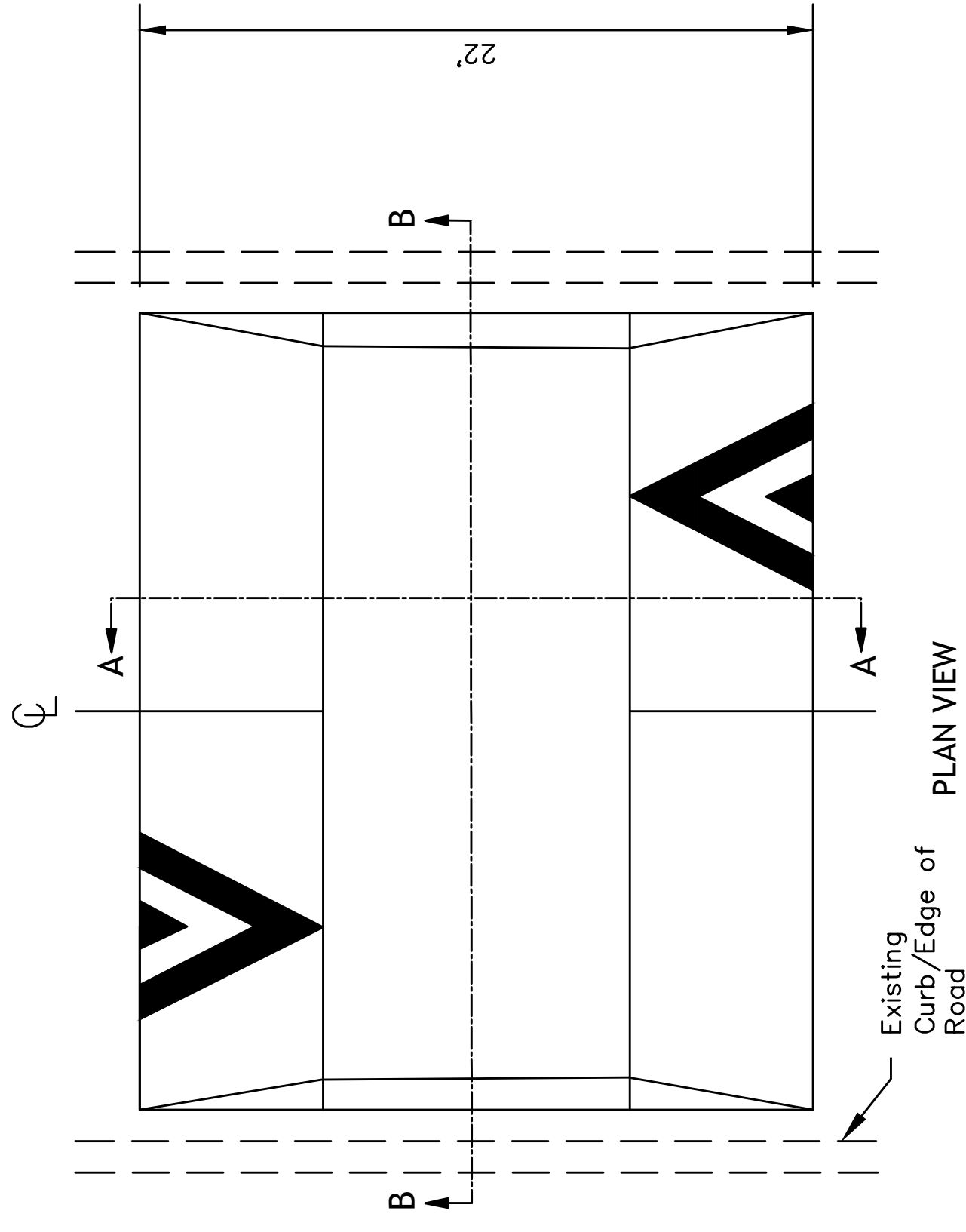
1. If the minor street has edge lines, the edge lines on the major street shall wrap to meet the edge lines on the minor street.
2. Stop bars shall be 24". Stop bars shall not be placed at a distance greater than 30' or less than 4' from the nearest edge line. Stop bars at right turn lanes should be placed to provide adequate sight distance for right turning traffic.
3. The location of stop bars at left turn lanes should be determined by the turning radius needed by the side street vehicles.
4. The asterisk (*) indicates that 2nd arrow is optional. If more than two arrows are used, minimum spacing should be 150'
5. Edge lines should not be broken for driveways.
6. ↑ indicates the direction of travel (not a pavement marker).
7. L equals the full length of turn lane.
8. 4" Edge lines shall be placed on all roadways
9. Place edge lines, centerlines, and lane lines to avoid longitudinal joints as directed by the project engineer.
10. Centerlines shall be placed on roadways with a traveled way width of 16' or greater
11. For non-interstate striping, use one Raised ReflectORIZED Pavement Marker.
12. White ReflectORIZED Pavement Marker faces same direction traffic and red faces opposing traffic.

Rev. No.	Date	Description



Project No.	ENT1600035
Sheet	116
Date	10/24/2024
Scale	NTS
Drawn By	BJF

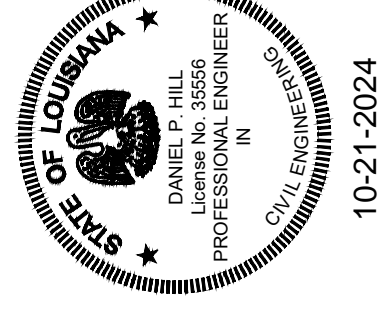
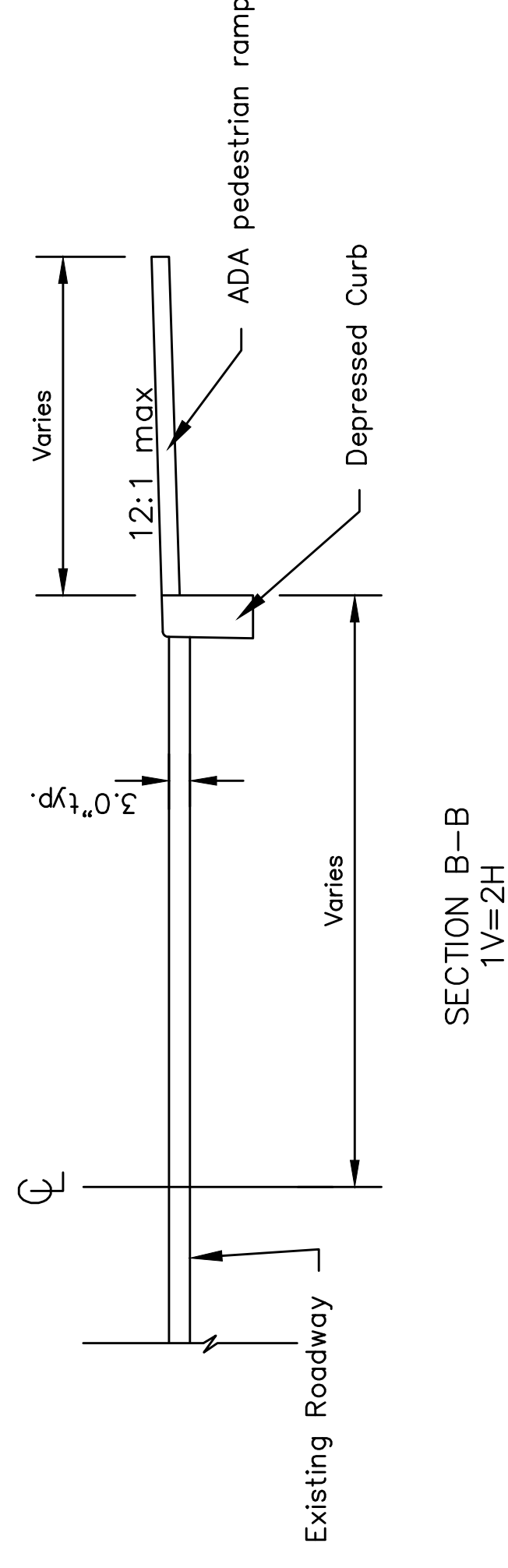
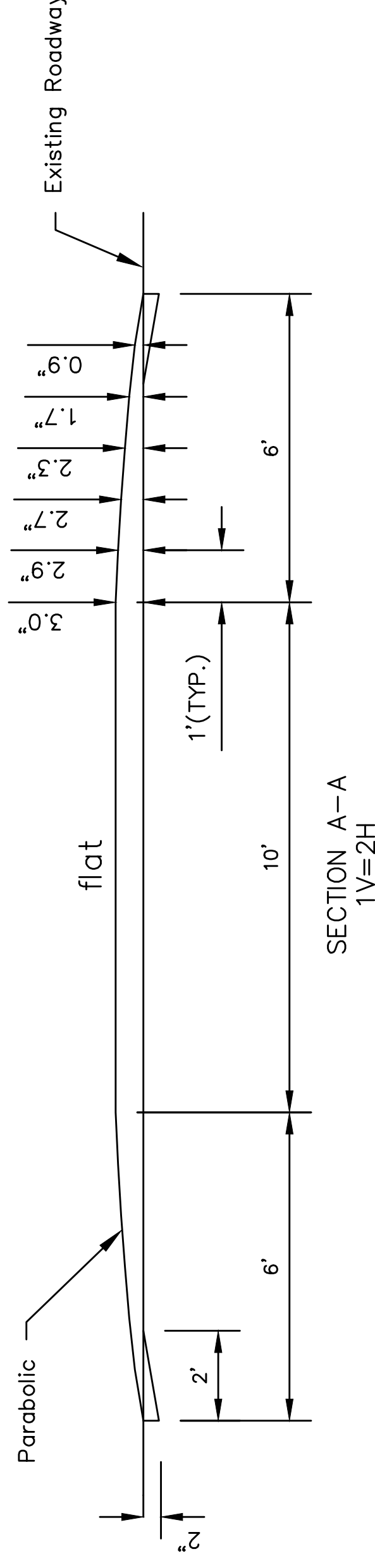
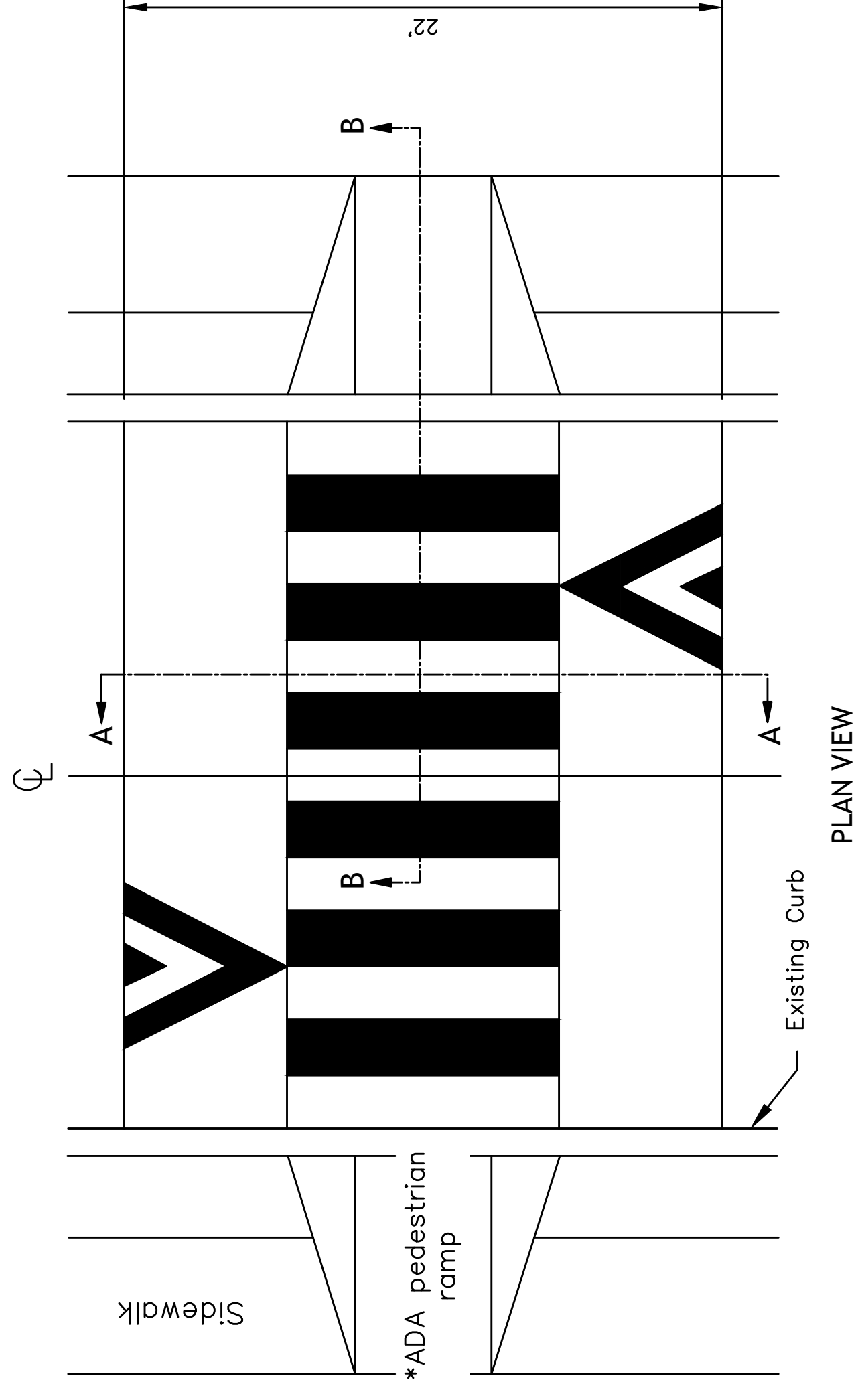
SPEED TABLE



- NOTES:
- 1- INLETS ARE REQUIRED ON THE UPHILL SIDE OF A SPEED TABLE/RAISED CROSSWALK
 - 2- ALL SIGNING AND STRIPING SHALL CONFORM TO THE LATEST EDITION OF THE MUTCD.
 - 3- 2" TAPER MILL ALL EDGES.

*Americans with Disabilities Act

RAISED CROSSWALK



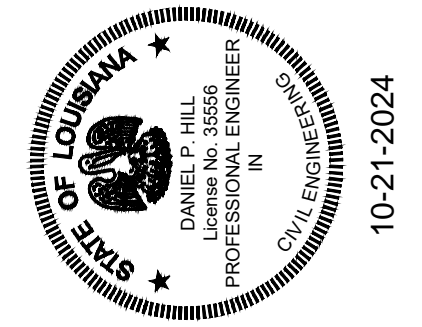
SOELL DR, HELENBURG RD, MIRE DR
SPEED TABLE DETAILS

Rev. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org

Project No. _____
Sheet 117
Date 10/24/2024
Scale NTS
Drawn By HMA

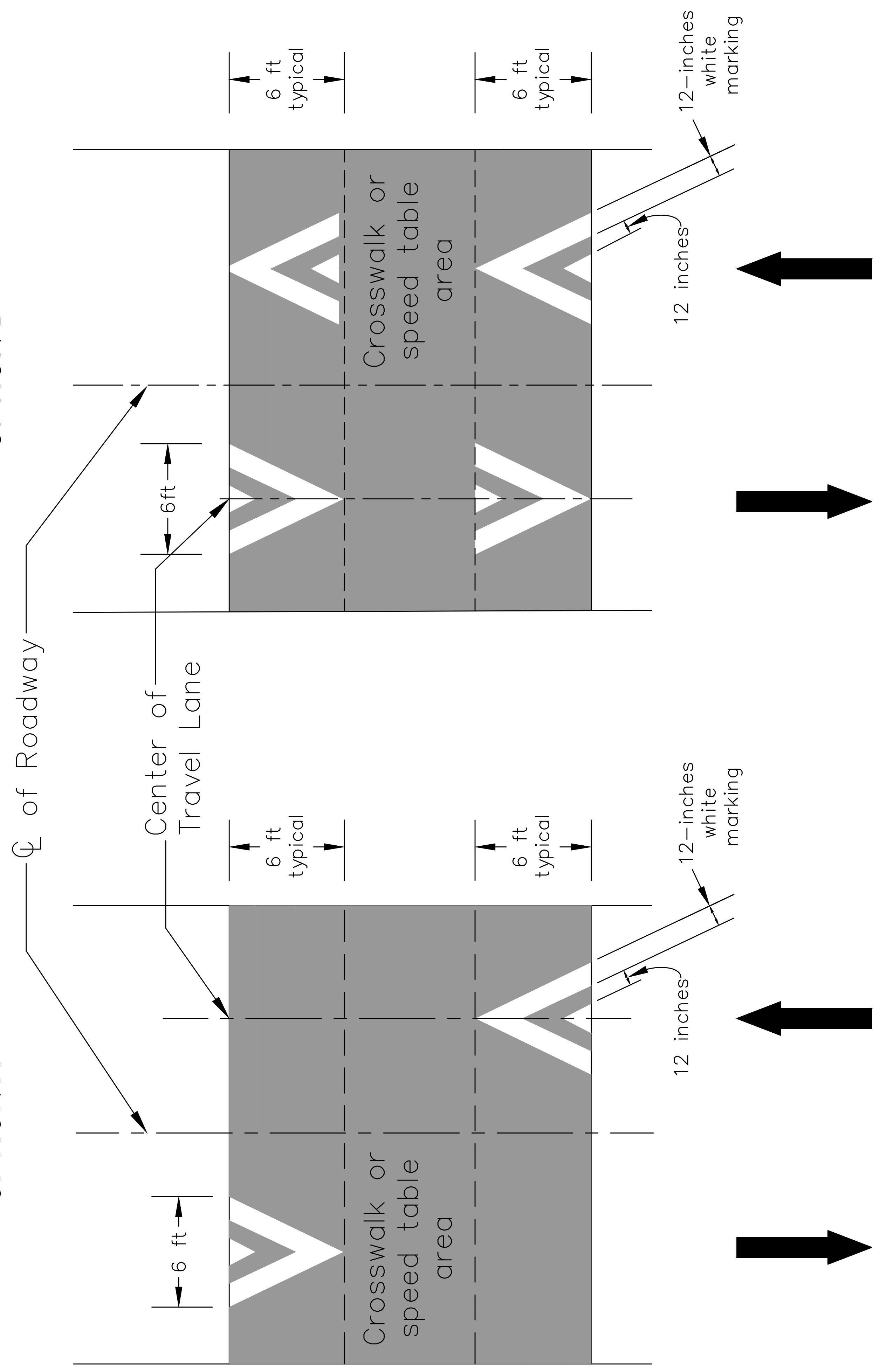
Rev. No.	Date	Description



SPEED TABLE STRIPING

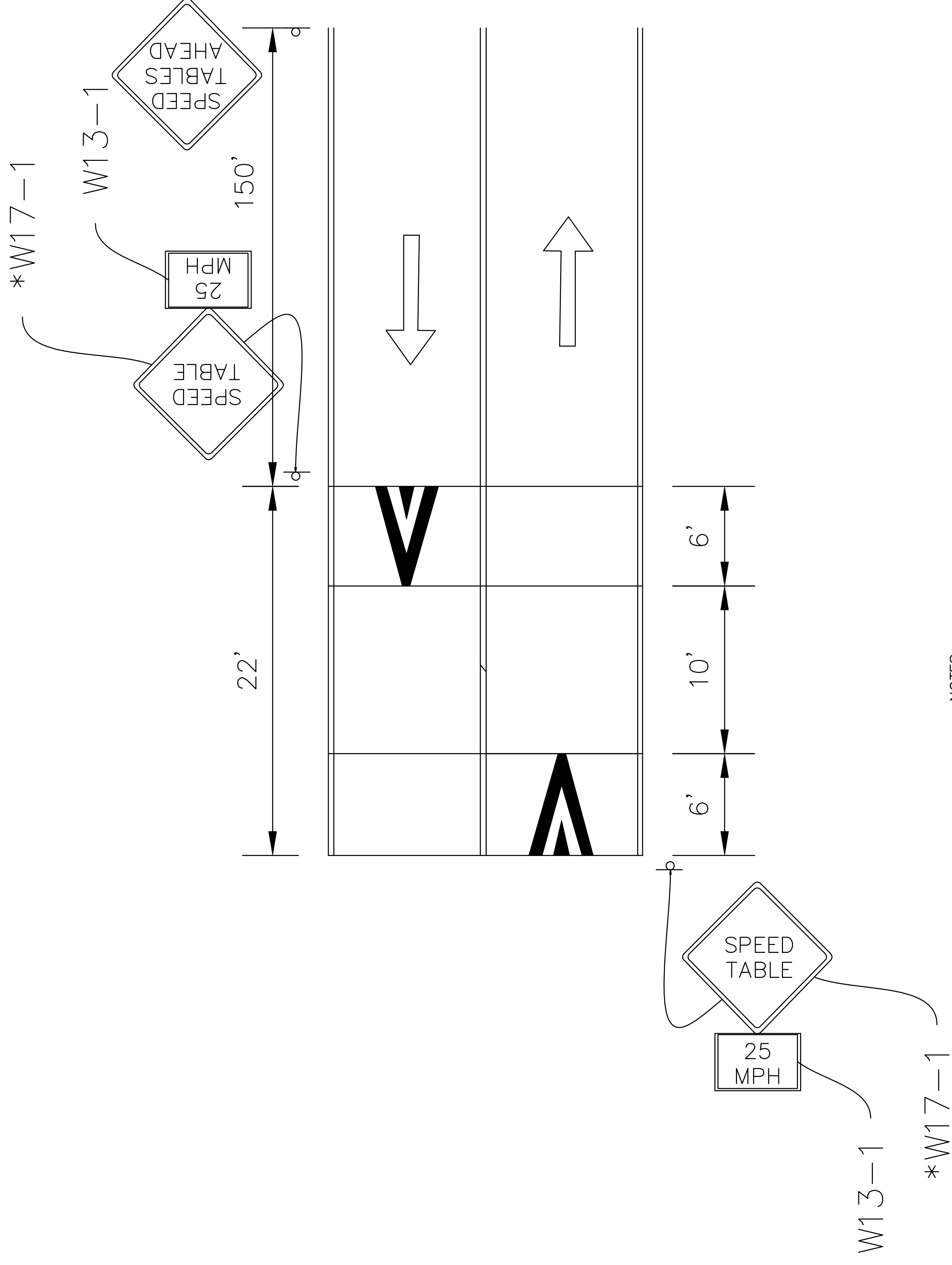
OPTION A

OPTION B



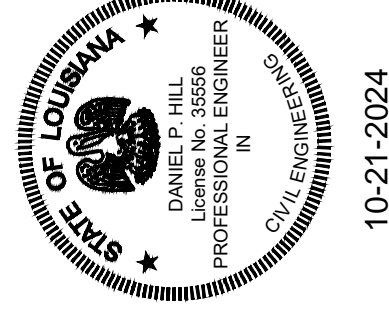
- NOTES:
1-CROSSWALK LINES ARE NOT SHOWN;
2-→ INDICATES THE DIRECTION OF TRAVEL

SPEED TABLE SIGNAGE



NOTES:
 1-SPEED TABLES AHEAD SIGNS ARE REQUIRED AT THE APPROACH TO A SERIES OF SPEED TABLES.
 2-⇔ INDICATES THE DIRECTION OF TRAVEL.

* The minimum size required for diamond-shaped warning signs facing traffic on multi-lane conventional roads shall be 36x36 per MUTCD Section 2C.03



Project No.	-----
Date	10/24/2024
Scale	HMA
Sheet	119

St. Tammany Parish
 Department of Engineering
 P.O. Box 628 Covington, La. 70434
 Phone: (985) 898-2552
 E-mail: eng@stpd.gov.org

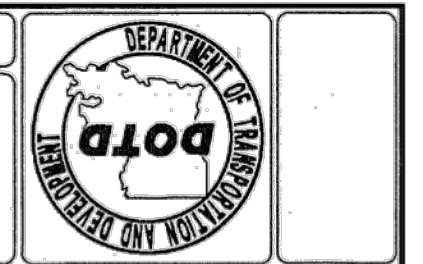
Rev. No.	Date	Description

SOELL DR, HELENBURG RD, MIRE DR
 SPEED TABLE DETAILS

DESIGNED	DATE	APPROVED BY	CHIEF ENGINEER
CHECKED	11/15/12	DATE	11/15/12
CONTROL	REVISION DESCRIPTION	BY	P.F.
PROJECT	ADD NOTE ON SUPPORT & TIE COATINGS	DATE	3-6-13
STATE	SERIES	NUMBER	
OCT. 2008	F. FOSSIER		
GRASS			



STEEL WIRE BAR SUPPORT
FOR REINFORCING STEEL



GENERAL NOTES:

STEEL WIRE BAR SUPPORTS AND REINFORCING STEEL BARS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE SPECIAL PROVISIONS AND/OR SUPPLEMENTAL SPECIFICATIONS.

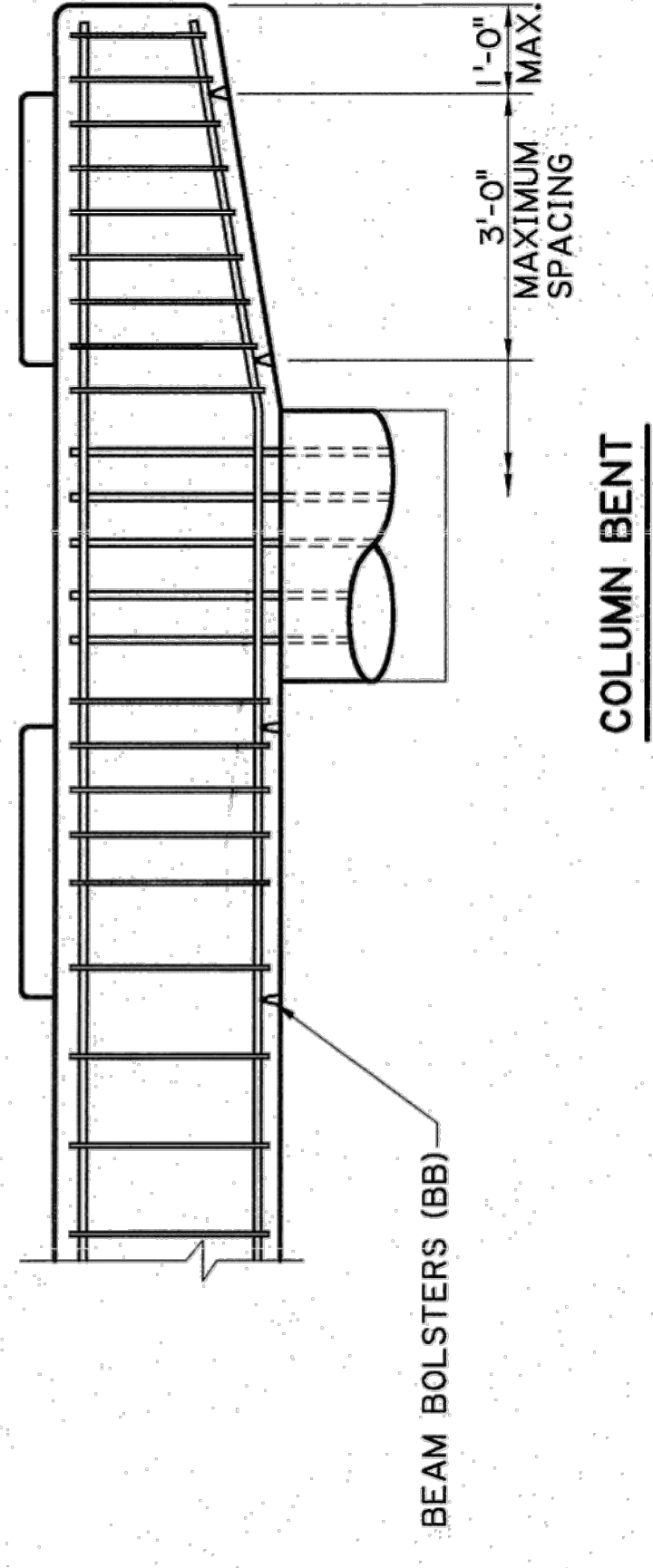
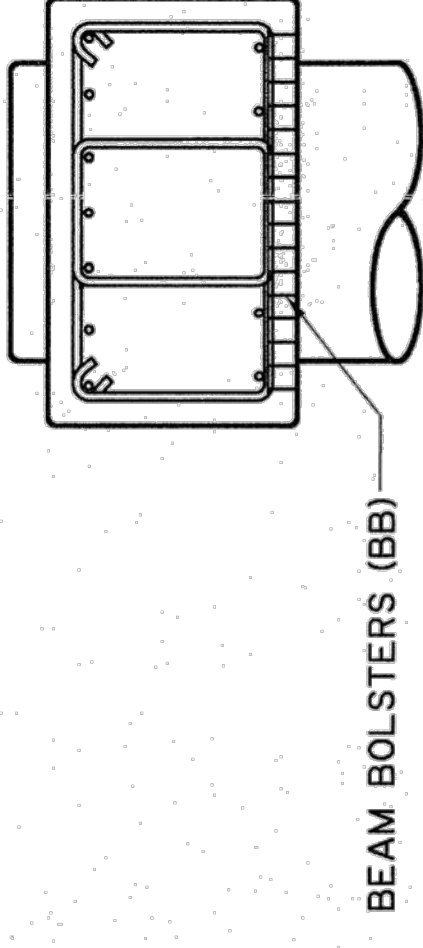
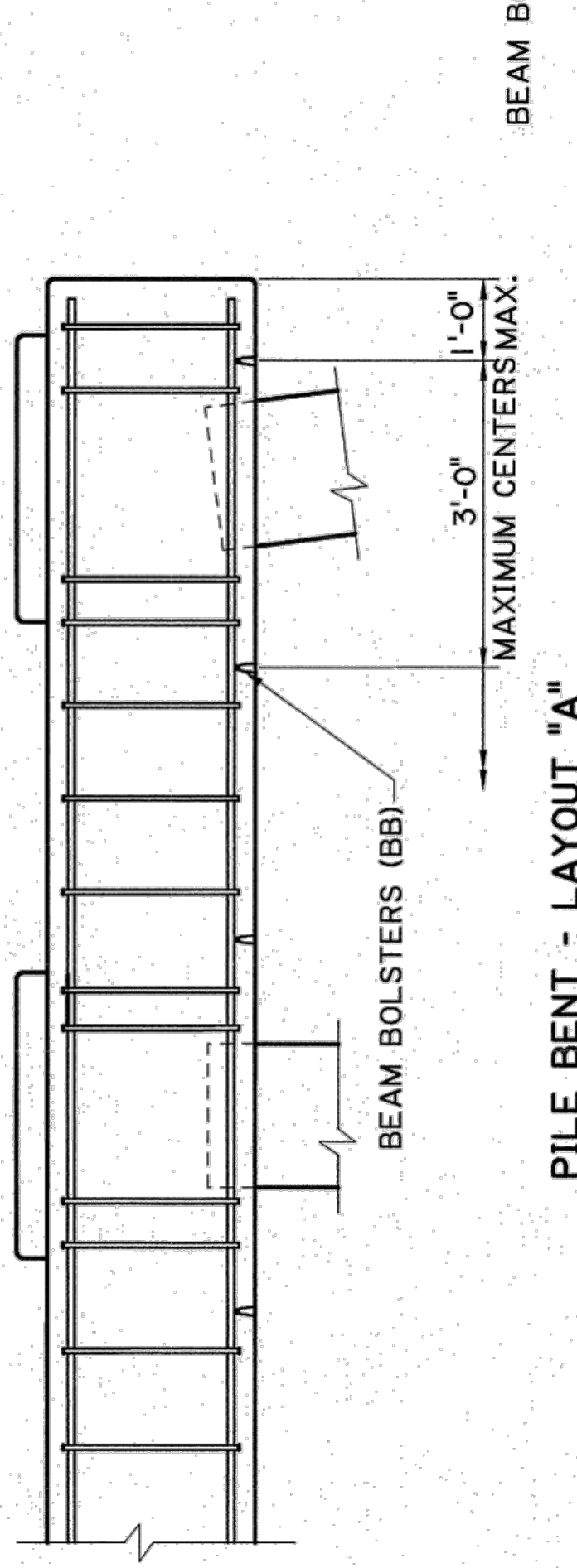
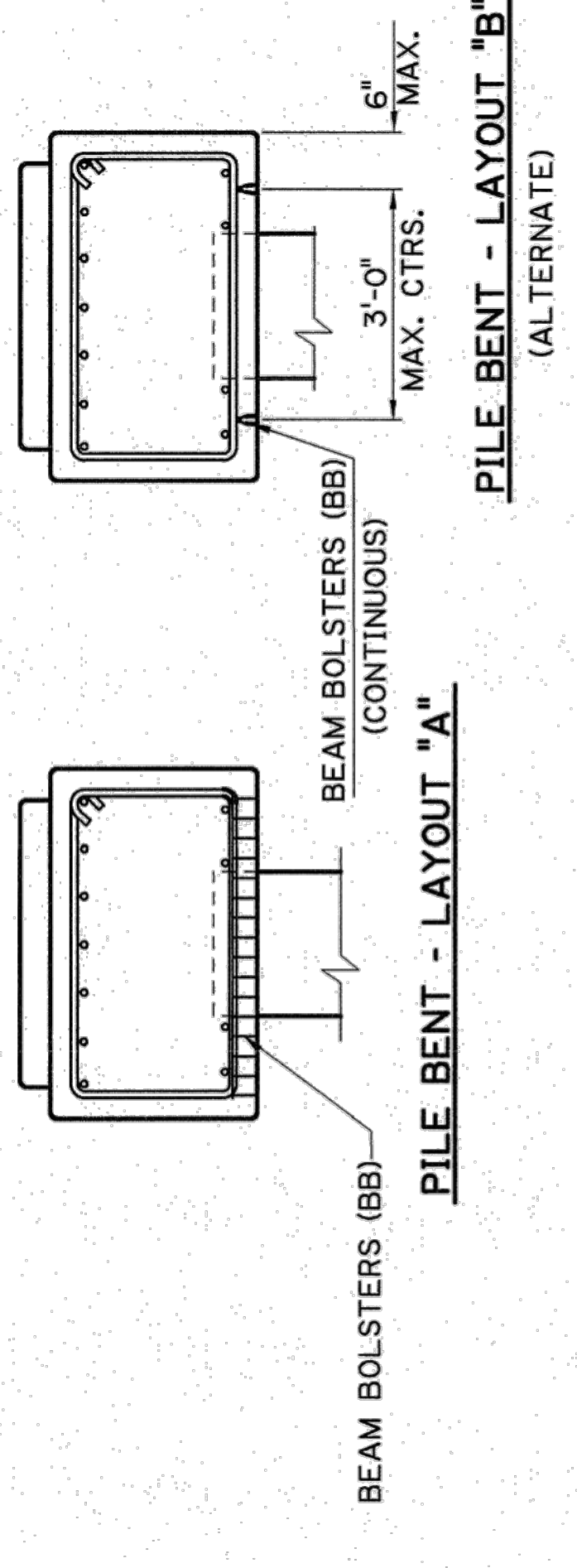
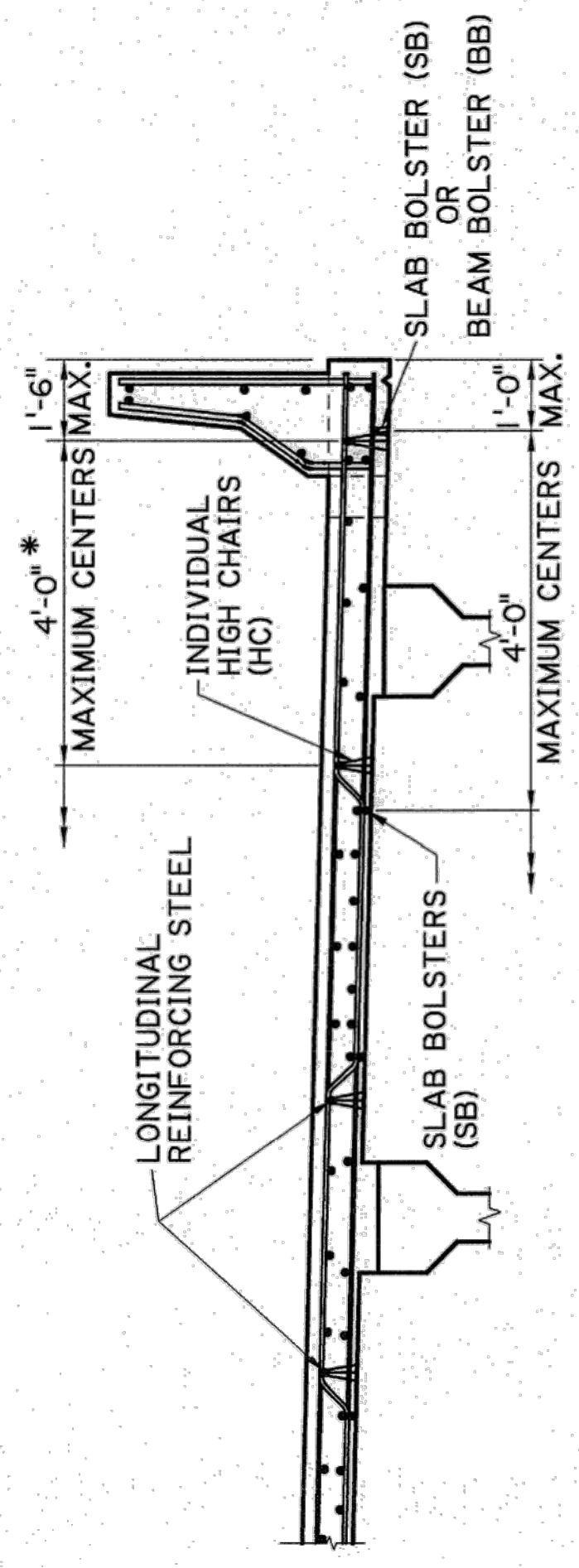
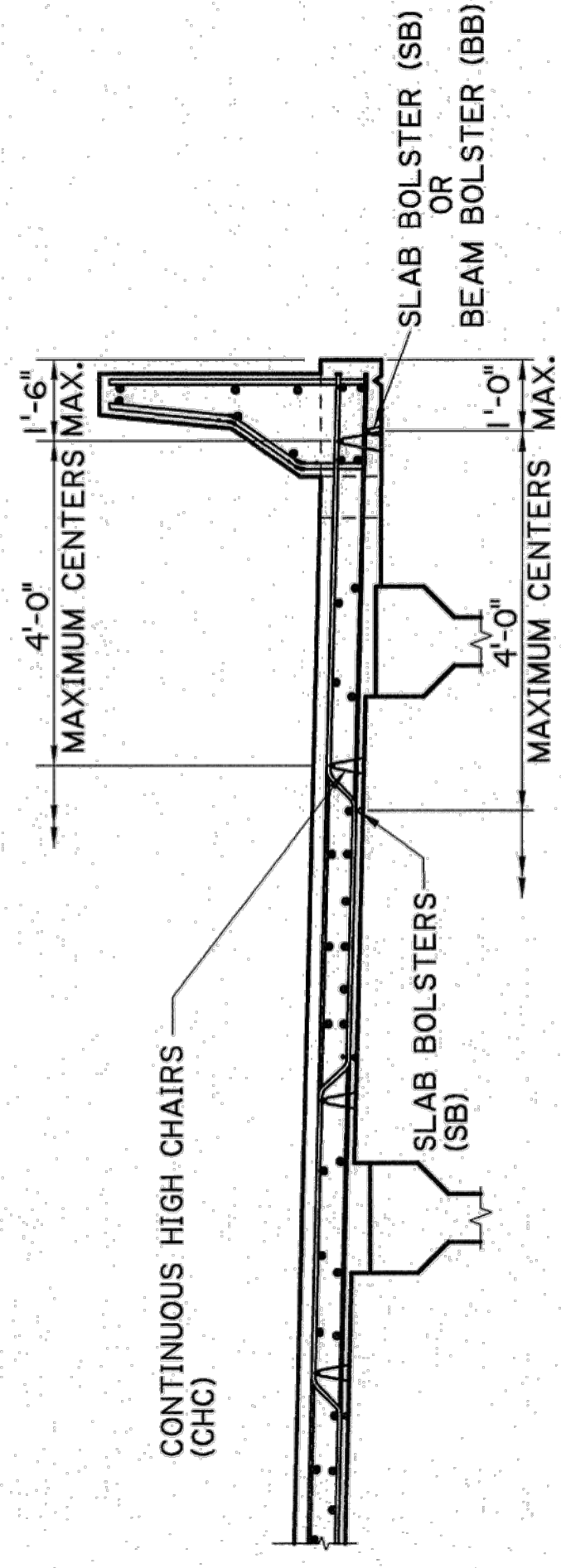
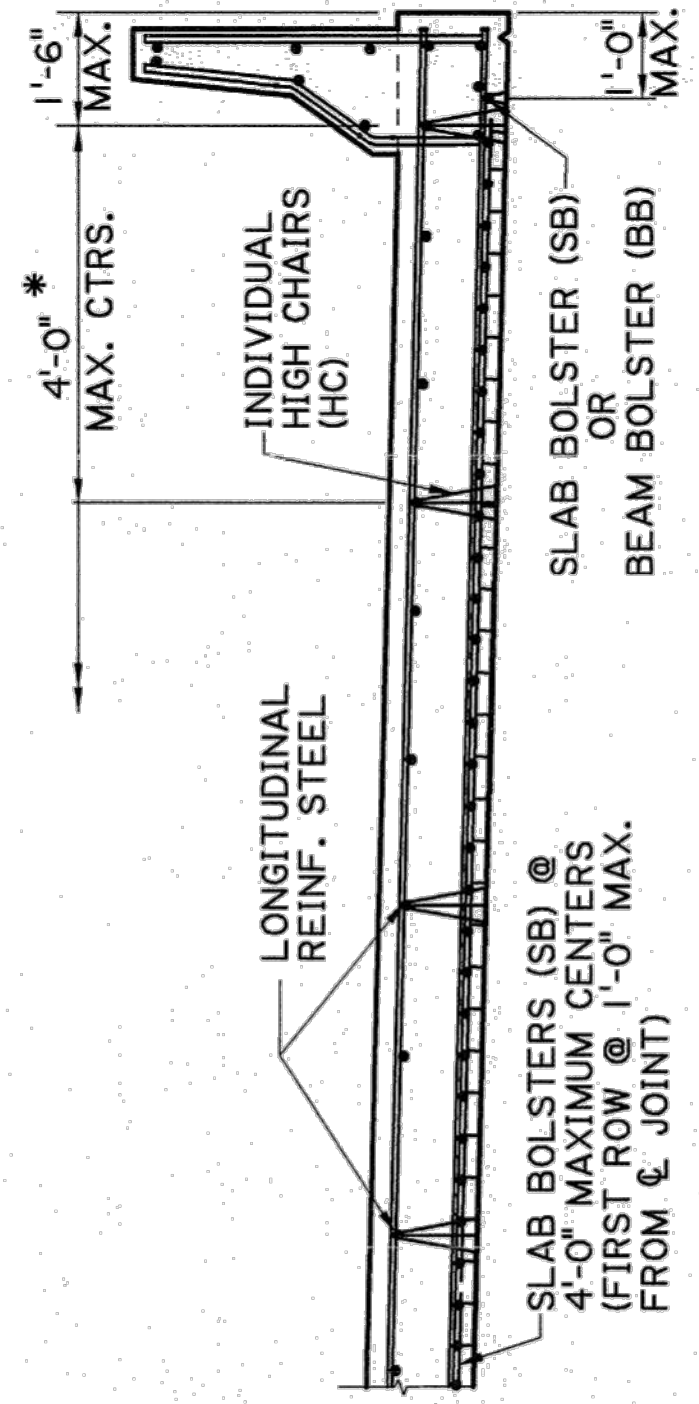
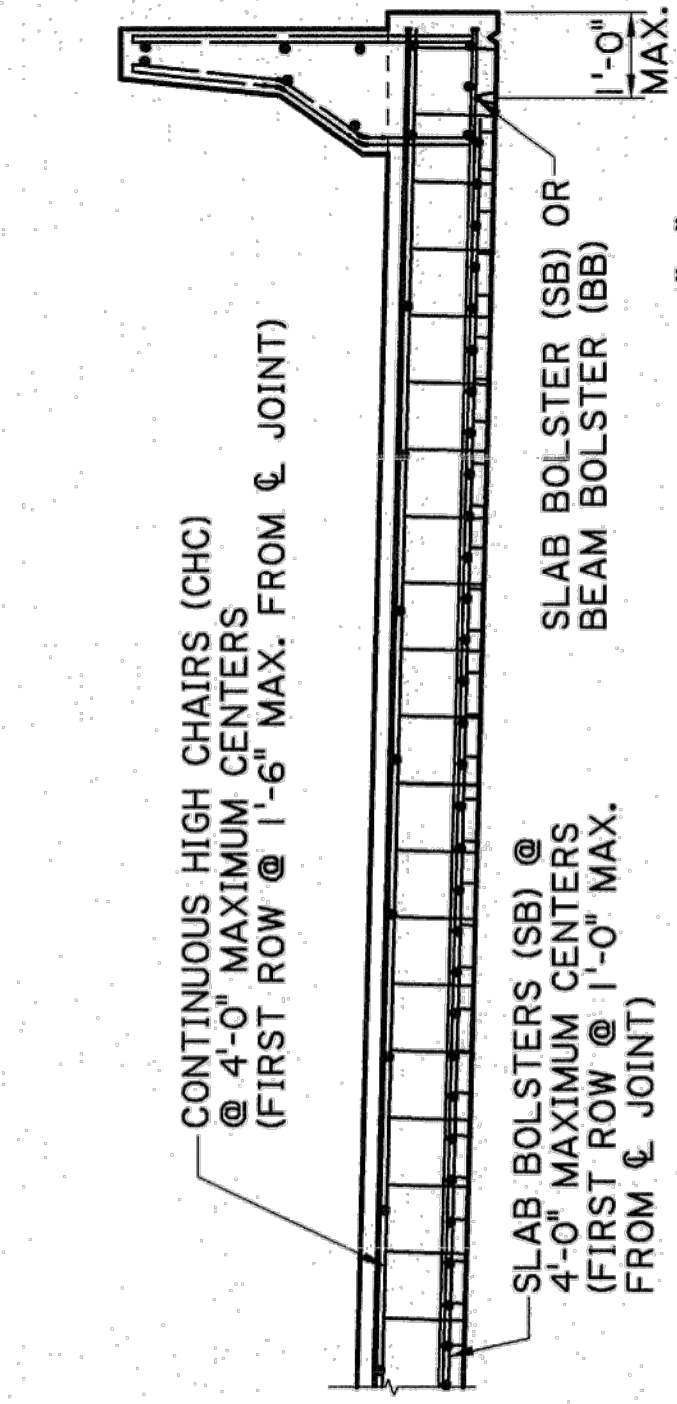
HEIGHT OF BAR SUPPORTS ARE TO BE THAT REQUIRED TO SUPPORT THE REINFORCING BARS AT POSITIONS SHOWN IN THE PLANS. BAR SUPPORTS ARE NOT INTENDED, AND SHALL NOT BE USED, TO SUPPORT RUNWAYS FOR CONCRETE BUGGIES OR SIMILAR LOADS.

WHEN BAR SUPPORTS ARE PLACED IN CONTINUOUS LINES, THEY SHALL BE SO PLACED THAT THE ENDS OF THE SUPPORTING WIRES SHALL BE LAPPED TO LOCK THE LAST LEGS ON ADJOINING PIECES, BUT NO BAR SHALL BE PLACED MORE THAN 2" BEYOND THE LAST LEG AT THE END OF A RUN OF ANY CONTINUOUS SUPPORTS.

WHERE BAR SUPPORTS ARE USED ON EARTH OR AGGREGATE SUB GRADES, SUITABLE PLATES SHALL BE PROVIDED TO PREVENT DISPLACEMENT OF THE SUPPORT FOOT. ALL BAR SUPPORTS BEARING ON THE FORMS SHALL HAVE RADIUS BEARING LEGS IN THE FORM OF A HOOK (UPTURNED LEGS) OR SPHERICAL FOOT AT THE LOWER END OF THE LEGS.

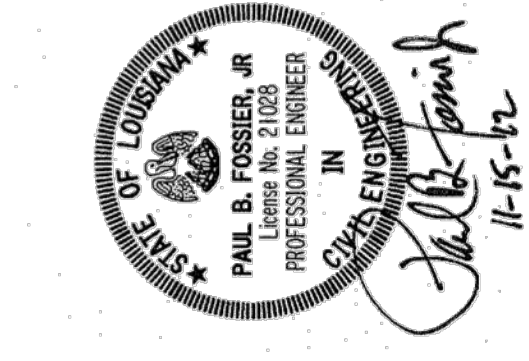
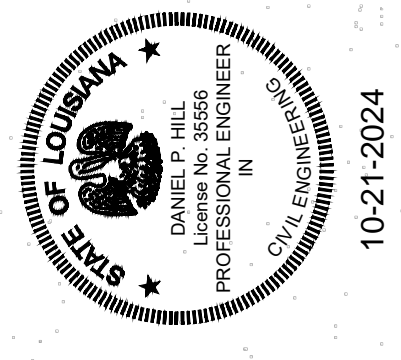
THE BOTTOM OF BAR SUPPORTS SHALL BE COATED WITH AN ACCEPTABLE EPOXY OR PLASTIC MATERIAL FOR A MINIMUM DISTANCE OF 2 INCHES FROM THE POINT OF CONTACT WITH THE FORMS.

METAL TIE WIRES AND BAR SUPPORTS SHALL BE COATED FULLY WITH AN ACCEPTABLE EPOXY, PLASTIC OR NYLON MATERIAL IF USING EPOXY COATED REINFORCING STEEL.



TYPE OF SUPPORT	BAR SUPPORT ILLUSTRATION	MINIMUM WIRE DIAMETER Δ			REMARKS
		HEIGHT	TOP CORRUGATED	LEGS	
SLAB BOLSTER (SB)		ALL	NO. 4	NO. 6	VERTICAL CORRUGATIONS SPACED 1" ON CENTERS
BEAM BOLSTER (BB)		UP TO 2" OVER 2"	NO. 7 NO. 4	NO. 7 NO. 4	
CONTINUOUS HIGH CHAIR (CHC)		2" TO 5" 5" TO 9" OVER 9"	NO. 2 NO. 2 NO. 2	NO. 4 NO. 2 NO. 0	LAYOUT "A" FOR SPANS
INDIVIDUAL HIGH CHAIR (HC)		2" TO 5" 5" TO 9" OVER 9"	N/A N/A N/A	NO. 4 NO. 2 NO. 0	LAYOUT "B" FOR SPANS (ALTERNATE)

- Δ AMERICAN STEEL AND WIRE GAUGES.
- LEGS SHALL BE 20 DEGREES OR LESS WITH VERTICAL WHEN HEIGHT EXCEEDS 1'-0". REINFORCE LEGS WITH WELDED CROSS WIRES OR ENCIRCLING WIRES.
- LEGS SHALL BE 20 DEGREES OR LESS WITH VERTICAL, ON 8/4" CENTER MAXIMUM, WITHIN 4" OF END CHAIR, AND SPREAD BETWEEN LEGS NOT LESS THAN 50% OF NORMAL HEIGHT.
- IF LONGITUDINAL REINFORCING BARS ARE NO. 4, SPACE THE INDIVIDUAL HIGH CHAIRS (HC) @ 3'-0" MAXIMUM CENTERS LONGITUDINALLY; FOR NO. 5 BARS OR LARGER, SPACE @ 4'-0" MAXIMUM CENTERS.



*These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that the same conform to the applicable laws and have been properly adapted to use on this project.

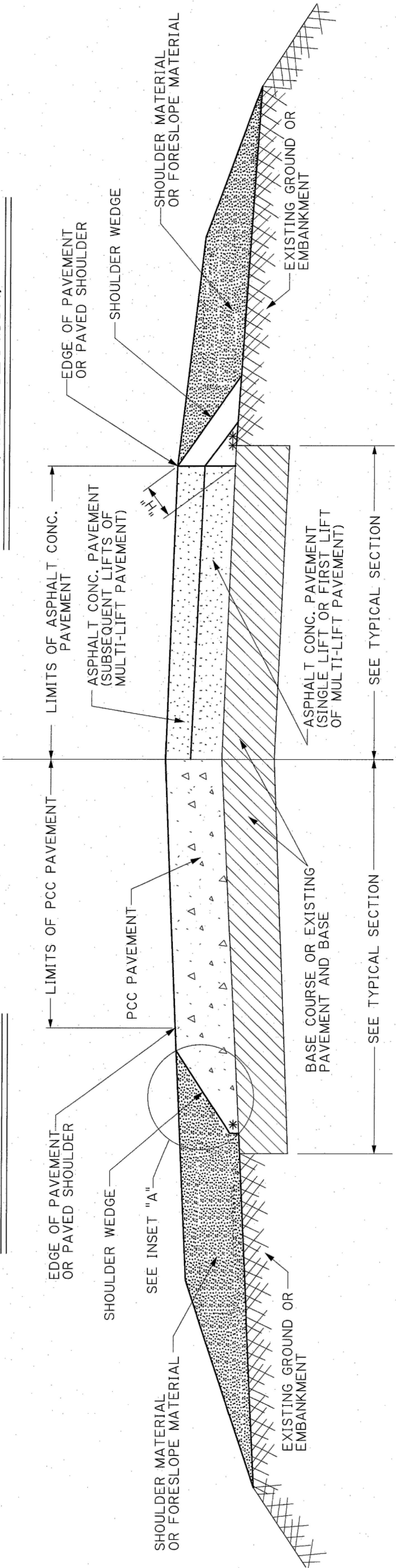
DESIGNED	MAC	CHECKED	MAC
CONTROL	TL	CHECKED	MAC
STATE	OF 1	SERIES	NUMBER
PROJECT		REVISION OR CHANGE ORDER DESCRIPTION	
		DATE	
		NO.	



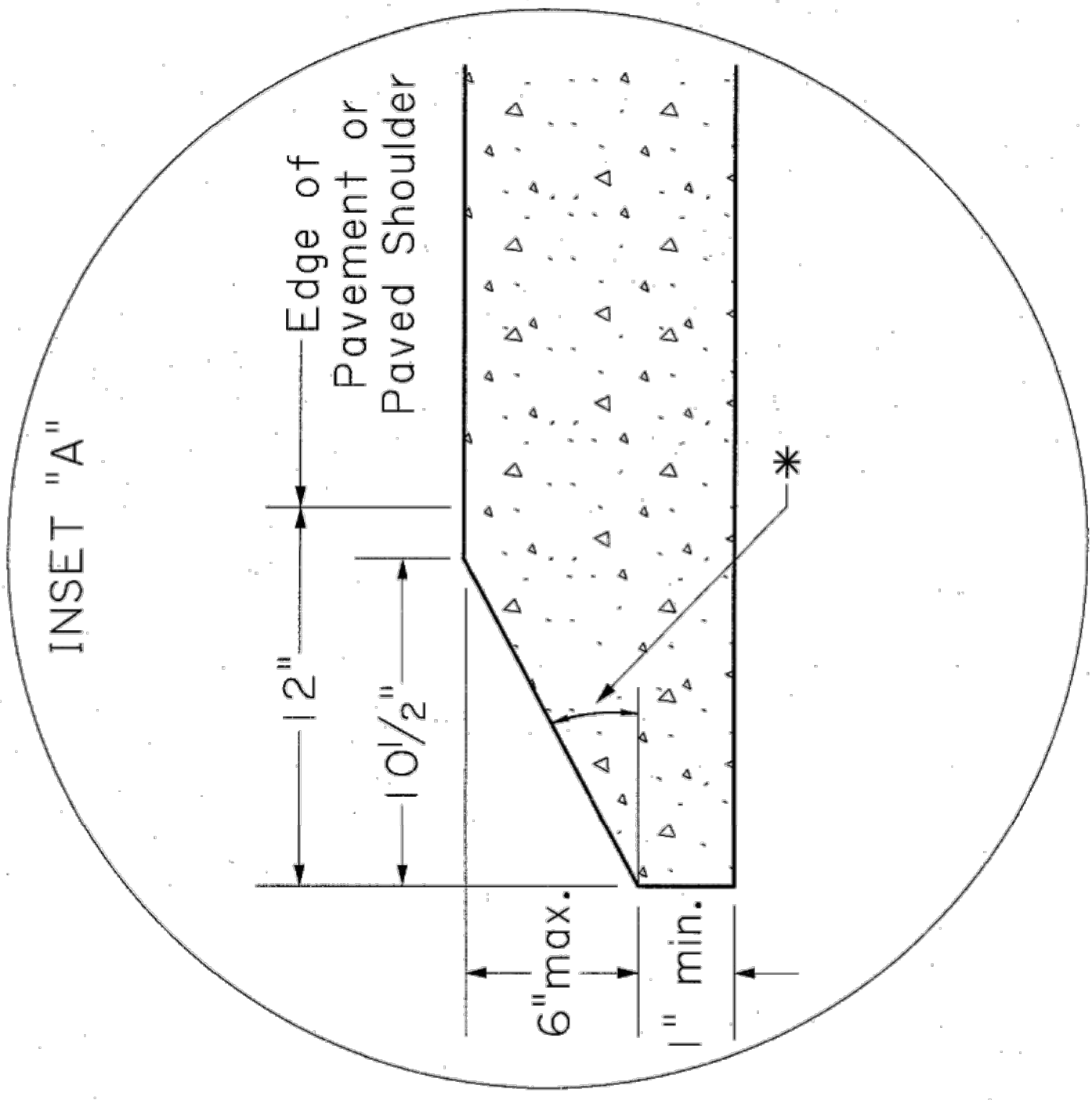
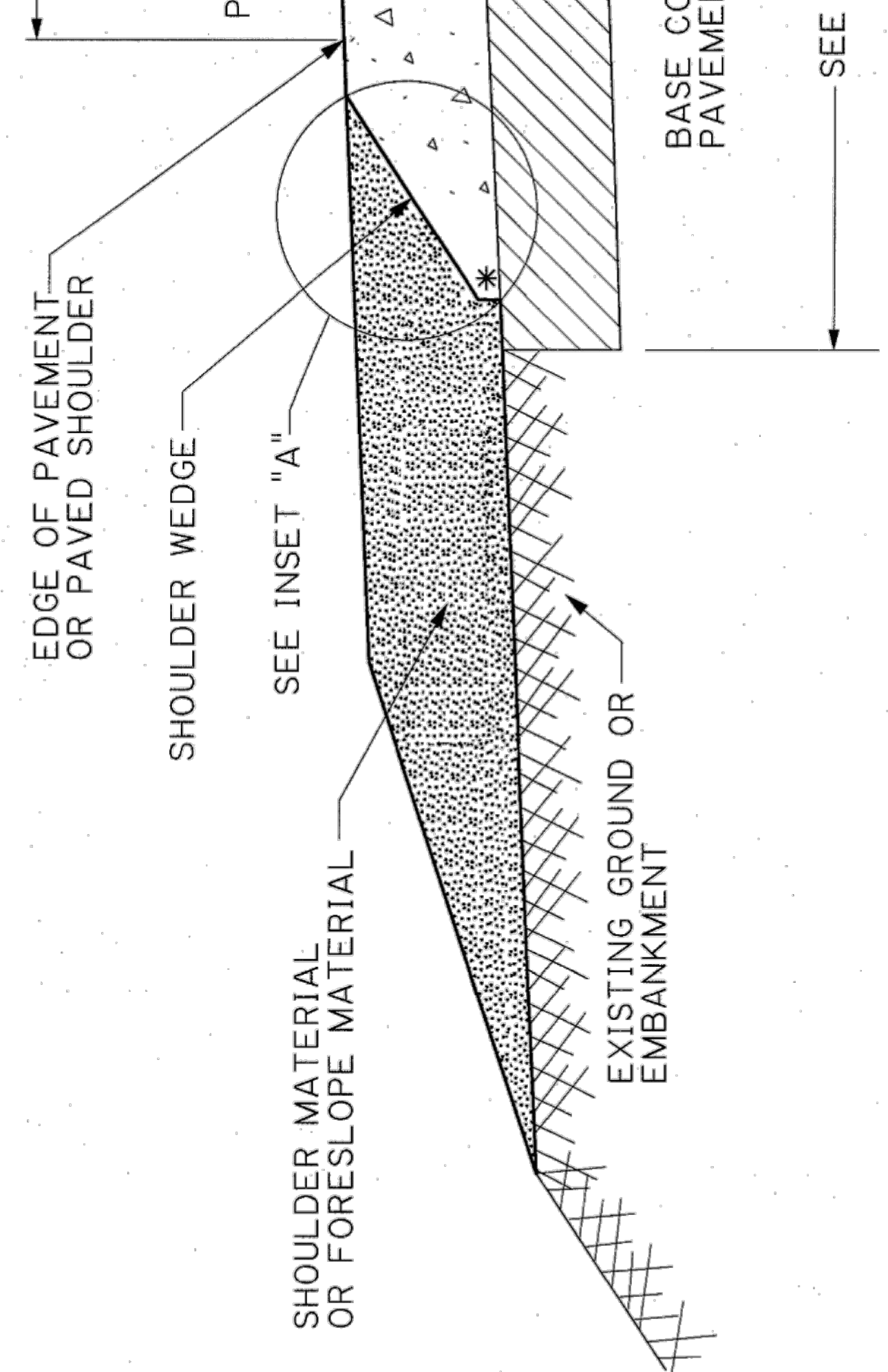
SHOULDER WEDGE
DETAIL



ASPHALT CONCRETE PAVEMENT
(HALF-SECTION)



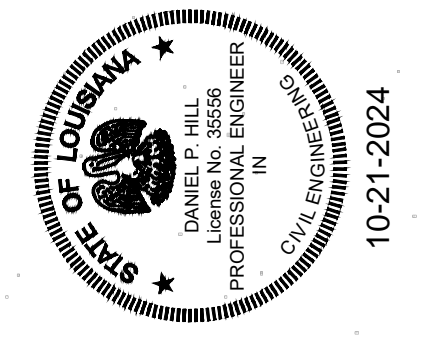
CONCRETE PAVEMENT
(HALF-SECTION)



NOTES:

- SHOULDER WEDGES SHALL BE REQUIRED AT THE OUTSIDE EDGES OF THE PAVED ROADWAY (EDGE OF TRAVEL LANE OR EDGE OF PAVED SHOULDER).
- FOR ASPHALT CONCRETE PAVEMENTS: SHOULDER WEDGES SHALL BE UTILIZED ON SINGLE LIFTS IF THE LAYER THICKNESS IS GREATER THAN OR EQUAL TO 2" AND, AT A MINIMUM, ON EACH OF THE 2 TOP LIFTS OF MULTI-LIFT PAVEMENT.
- EQUIP THE PAYER WITH A MECHANICAL DEVICE THAT WILL PRODUCE A WEDGE WITH A UNIFORM TEXTURE, SHAPE, AND DENSITY, WHILE AUTOMATICALLY ADJUSTING TO VARYING HEIGHTS ENCOUNTERED ALONG THE SHOULDER EDGE.
- THE CONTRACTOR SHALL BLADE AND SHAPE EXISTING GROUND OR SHOULDER MATERIAL TO FORM A UNIFORM SURFACE UNDER THE ASPHALT SHOULDER WEDGE PRIOR TO PLACEMENT OF THE PAVEMENT.
- FOR ASPHALT CONCRETE PAVEMENTS: THE MAXIMUM SHOULDER WEDGE HEIGHT ("H") SHALL EQUAL 6". IF THE TOTAL ASPHALT THICKNESS IS GREATER THAN 6" THE CONTRACTOR SHALL STAGE CONSTRUCTION BY PULLING UP THE SHOULDERS OR FORESLOPE MATERIAL IN THE LOWER LIFTS, THEN UTILIZING THE WEDGE IN EACH OF THE FINAL 2 LIFTS.
- REQUIRED BASE WIDTHS ARE AS SHOWN ON TYPICAL SECTIONS. FOR ASPHALT SHOULDER WEDGE, REQUIRED BASE WIDTH MIGHT NOT INCLUDE WIDTH OF ASPHALT WEDGE. ASPHALT SHOULDER WEDGE MAY BE SUPPORTED BY THE EXISTING GROUND OR SHOULDER MATERIAL. FOR CONCRETE SHOULDER WEDGE, REQUIRED BASE WIDTH IS TO INCLUDE THE WIDTH OF SHOULDER WEDGE AND THE DESIRED ADDITIONAL WIDTH BEYOND THE SURFACING.

* 30° desired
** 35° desired



"These standard plans have been properly examined by me, and these plans comply with all applicable codes and have been properly adapted to use on this project."

6	1-28-16	Added Note 6
5	5-15-12	Rev. Working Table, Notes, Spac. Between Precast Units
4	11-15-10	Rev. Skewed Crossing Details, Working Table, Notes
3	8-14-09	Rev. To Show Staggered Precast RCB, Working Table
2	6-12-09	Rev. Notes: Working Table, Max. Blockout Dim.
NO. DATE		
REVISION OR CHANGE ORDER DESCRIPTION		
BY		
NUMBER		
SERIES	11-17-92	
PROJECT		
STATE		
SECTION	KAJ	
CONTROL		
CHECKED		
DESIGNED		
PARISH		
SHEET NUMBER	122	

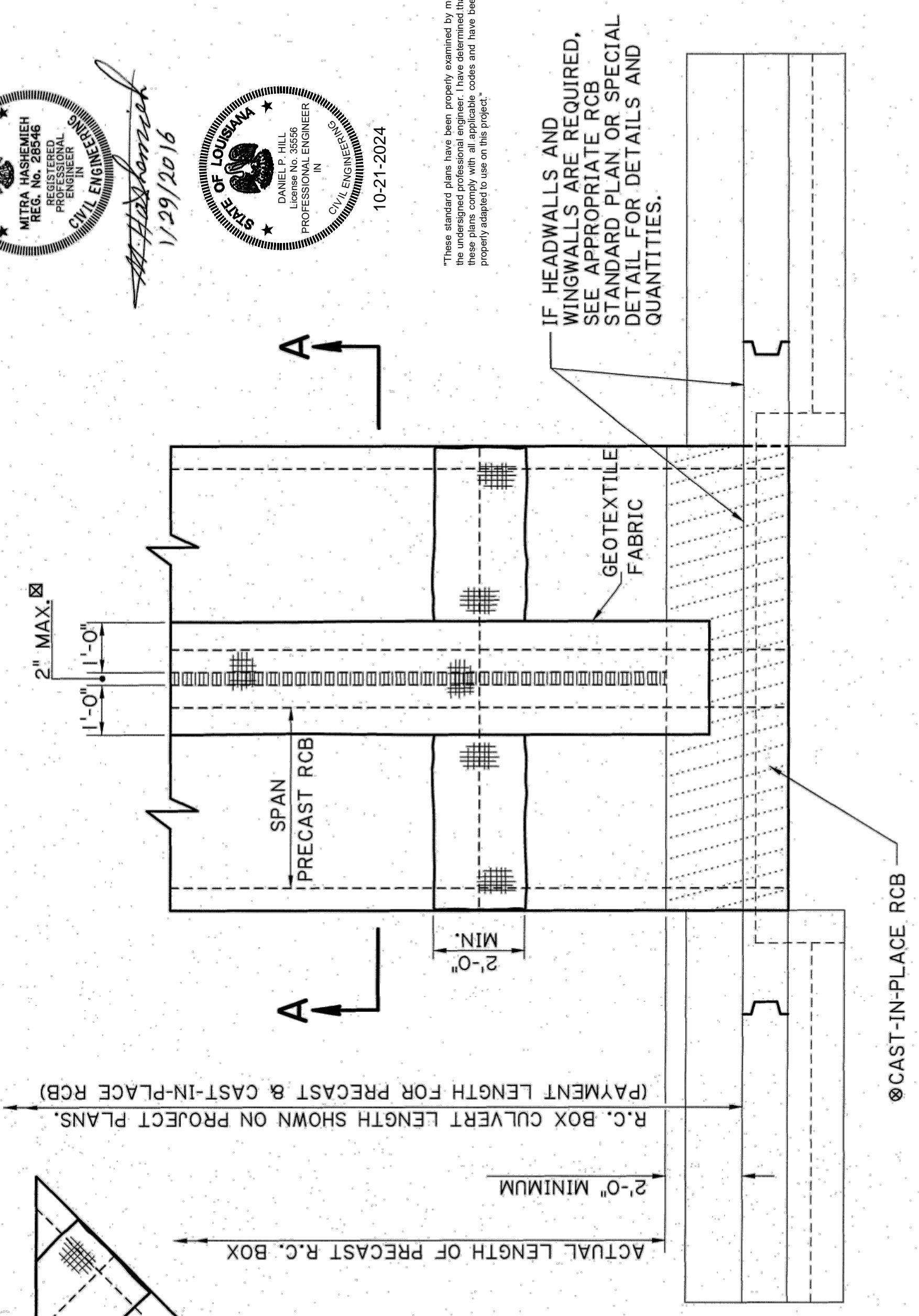
DOTD
HYDRAULICS SECT.

PRECAST REINFORCED CONCRETE BOX CULVERTS
DETAILS AND SPECIFICATIONS

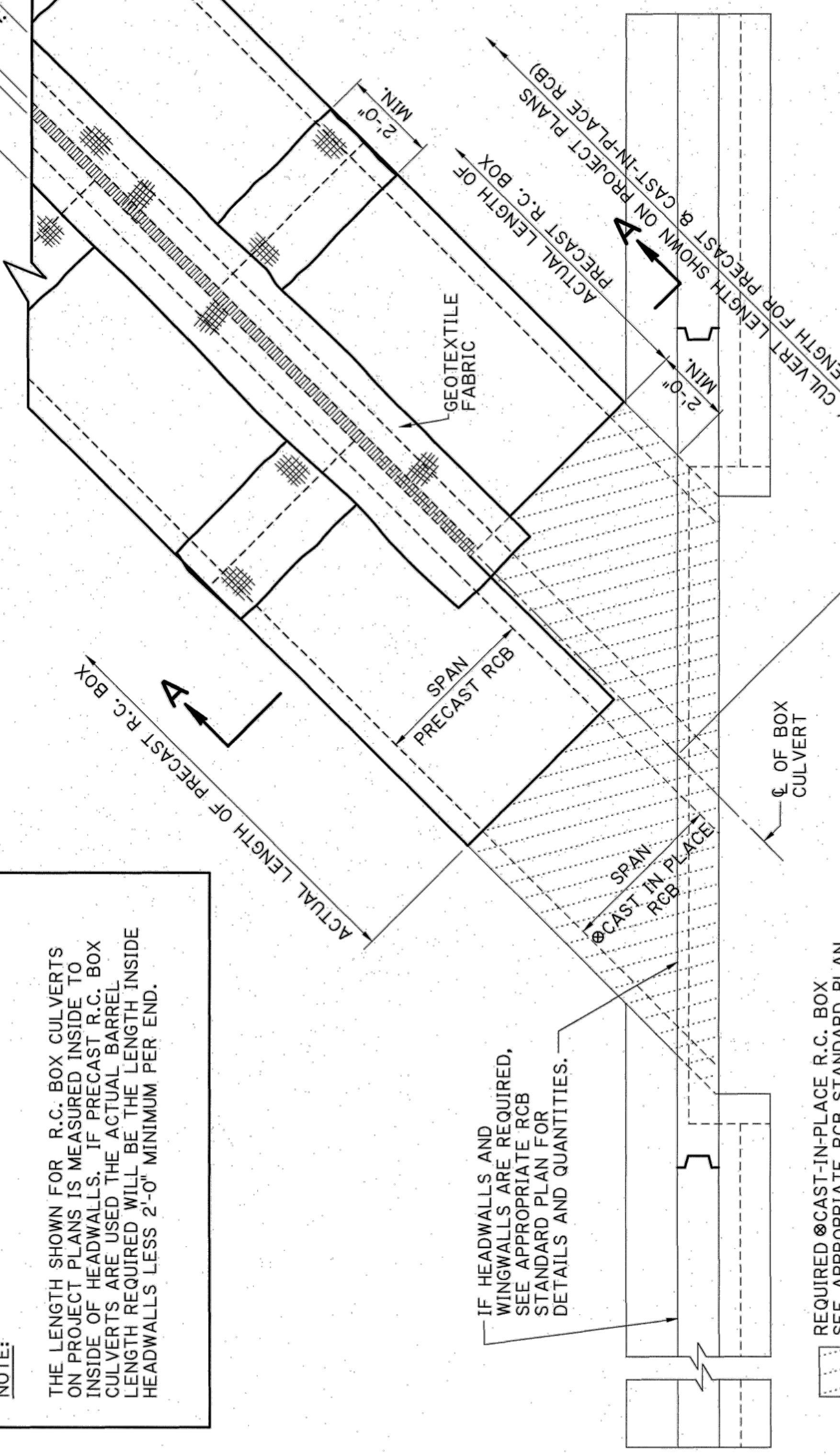
PCRB-01
SPECIAL DETAIL

2" MAX. SPACE ALLOWED BETWEEN PRECAST UNITS, IF NECESSARY, TO BE END BLOCKED AND FILLED WITH SAND OR FLOWABLE FILL. COST TO BE INCLUDED IN COST OF PRECAST RCB.

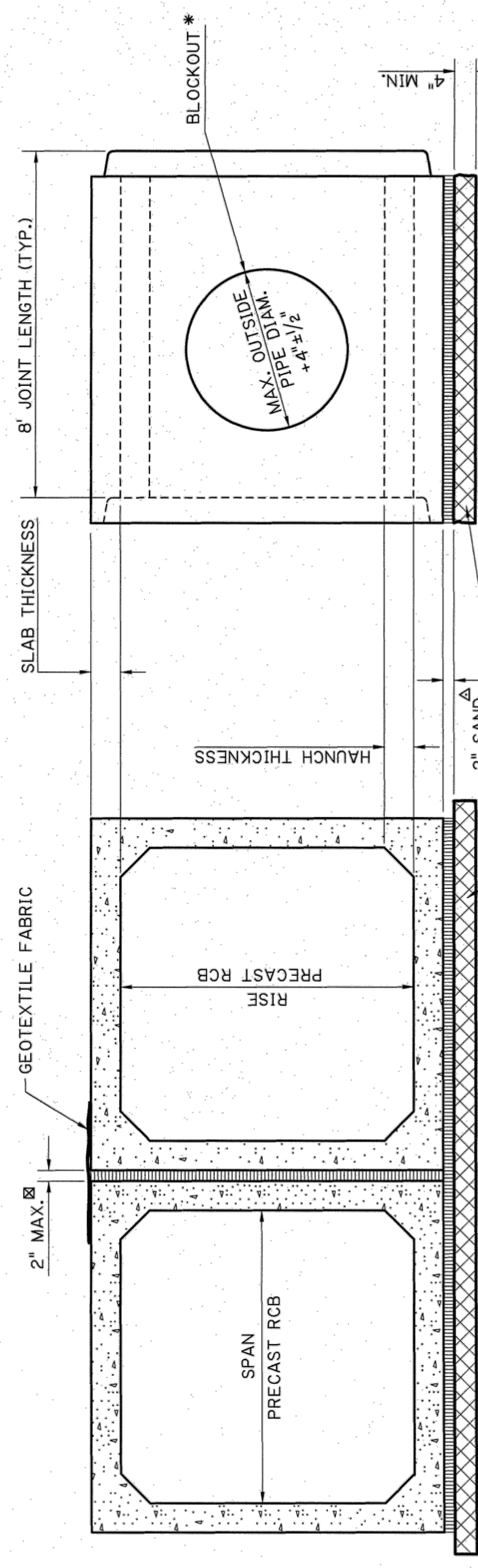
2" MAX. SPACE ALLOWED BETWEEN PRECAST UNITS, IF NECESSARY, TO BE END BLOCKED AND FILLED WITH SAND OR FLOWABLE FILL. COST TO BE INCLUDED IN COST OF PRECAST RCB.



PLAN SHOWING MULTIPLE PRECAST RCB CULVERTS ON A STRAIGHT (90°) CROSSING WITH HEADWALLS



PLAN SHOWING MULTIPLE PRECAST RCB CULVERTS ON A SKEWED CROSSING WITH HEADWALLS



SECTION A-A
SIDE ELEVATION OF PIPE JOINT SHOWING MAXIMUM BLOCKOUT AND PIPE DIAMETER

GENERAL NOTES

- 1) FOR GENERAL SPECIFICATIONS OF PRECAST RCB SEE SECTION 805 AND 1016 OF THE LA DOTD STANDARD SPECIFICATIONS.
- 2) A MINIMUM 2 FOOT WIDE STRIP OF GEOTEXTILE FABRIC SHALL COVER THE ADJOINING LONGITUDINAL EDGES OF MULTI-BARREL BOXES AND JOINTS BETWEEN PRECAST UNITS. FABRIC EDGES AND ENDS SHALL BE SUITABLY SECURED. GEOTEXTILE FABRIC SPECIFICATIONS SHALL CONFORM TO THE SPECIFICATIONS FOR PIPE UNDER SECTION 1019 OF THE LA DOTD STANDARD SPECIFICATIONS. COST TO BE INCLUDED IN COST OF PRECAST RCB.
- 3) #4 DOWEL BARS, MINIMUM 20" LONG (10" EMBEDDED) AT 12" CENTERS ARE REQUIRED, TO CONNECT THE LAST PRECAST UNIT TO ANY CAST-IN-PLACE SECTION OF BOX.
- * 4) BLOCKOUTS FOR PIPE INTO PRECAST RCBS ARE THE RESPONSIBILITY OF THE CONTRACTOR. BLOCKOUT LOCATIONS ARE AS DIRECTED BY THE PROJECT ENGINEER. BLOCKOUT SHALL NOT BE GREATER THAN 1/2 THE RISE OF PRECAST RCB AND SHALL NOT BE LOCATED IN THE HAUNCH.
- △ 5) IN ADDITION TO BEDDING MATERIAL, A MINIMUM 4 INCH THICK, CLASS R CONCRETE, WORKING TABLE WILL BE REQUIRED FOR 6' X 6' AND LARGER PRECAST RCB FIELD INSTALLATIONS. AN ADDITIONAL 2 INCHES OF SAND MAY BE PLACED AND LEVELLED UPON THE CONCRETE WORKING TABLE. COST OF WORKING TABLE AND SAND TO BE INCLUDED IN COST OF PRECAST RCB.
- ⊙ 6) FOR THE CAST-IN-PLACE PORTIONS OF THE CULVERT, THE REBAR SIZE AND SPACING SHALL MATCH OR EXCEED THE PRECAST SECTIONS. CONTRACTOR TO USE APPROVED PRECAST RCB SHOP DRAWING FOR REBAR REQUIREMENTS.

NOTE:
THE LENGTH SHOWN FOR R.C. BOX CULVERTS ON PROJECT PLANS IS MEASURED INSIDE TO INSIDE OF HEADWALLS. IF PRECAST R.C. BOX CULVERTS ARE USED THE ACTUAL BARREL LENGTH REQUIRED WILL BE THE LENGTH INSIDE HEADWALLS LESS 2'-0" MINIMUM PER END.

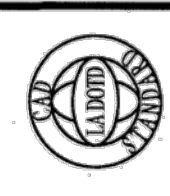
These standard plans have been prepared by the State of Louisiana and are to be used by the contractor in accordance with the applicable codes and have been properly adapted to use on this project.



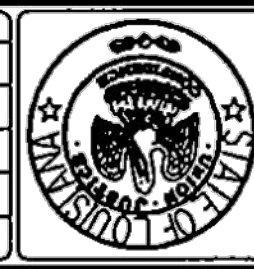
D. Hill
1/29/2016



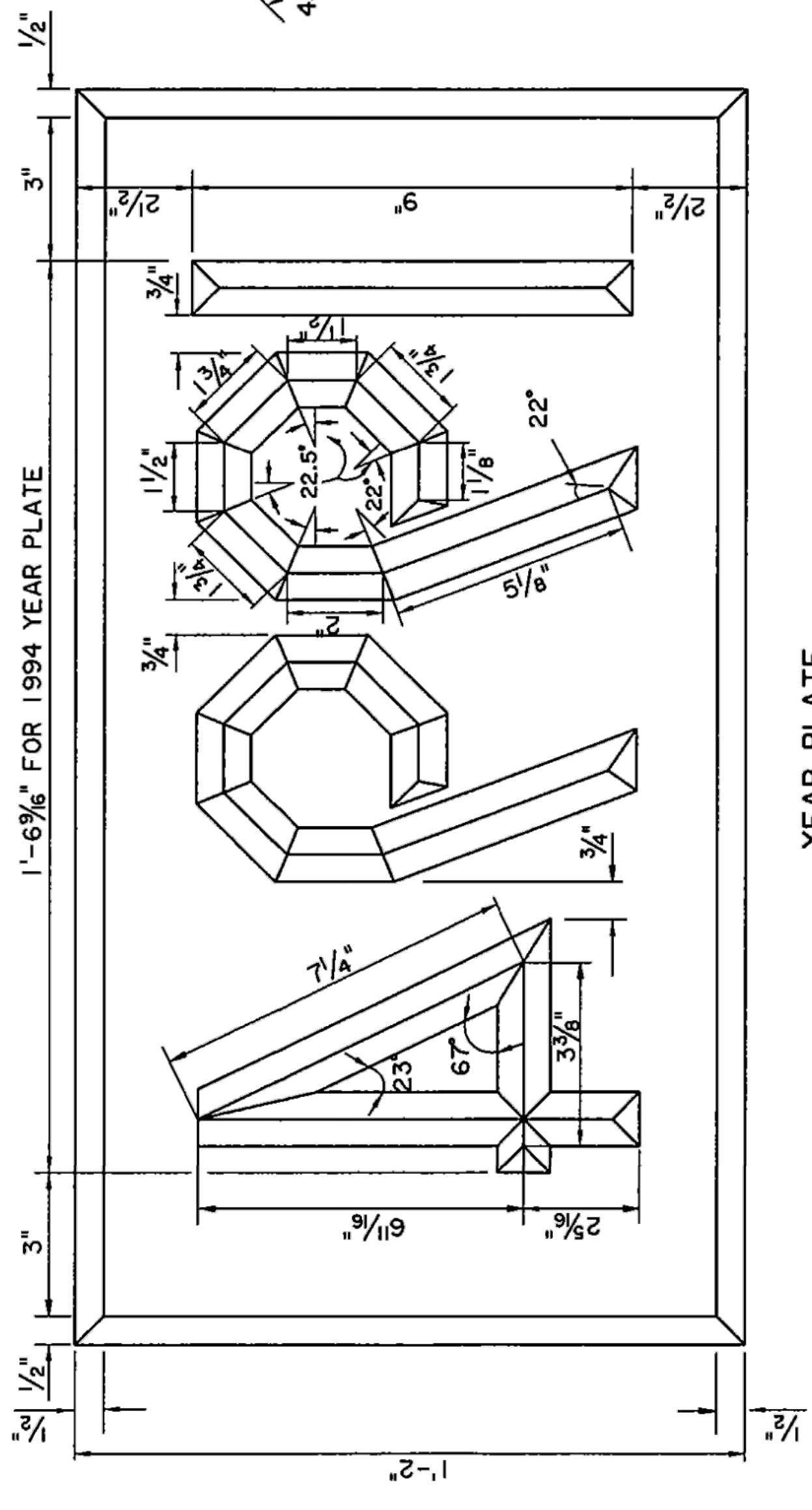
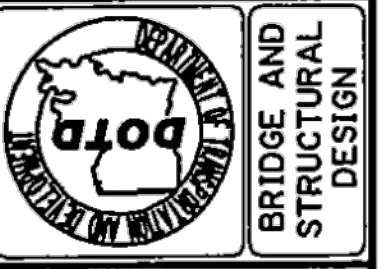
10-21-2024



DESIGNED	CHECKED	PARISH	
DETAILS	CHECKED	FEDERAL PROJECT	G. FOSSIER
STATE PROJECT		DATE	JULY, 2000
		SHEET	

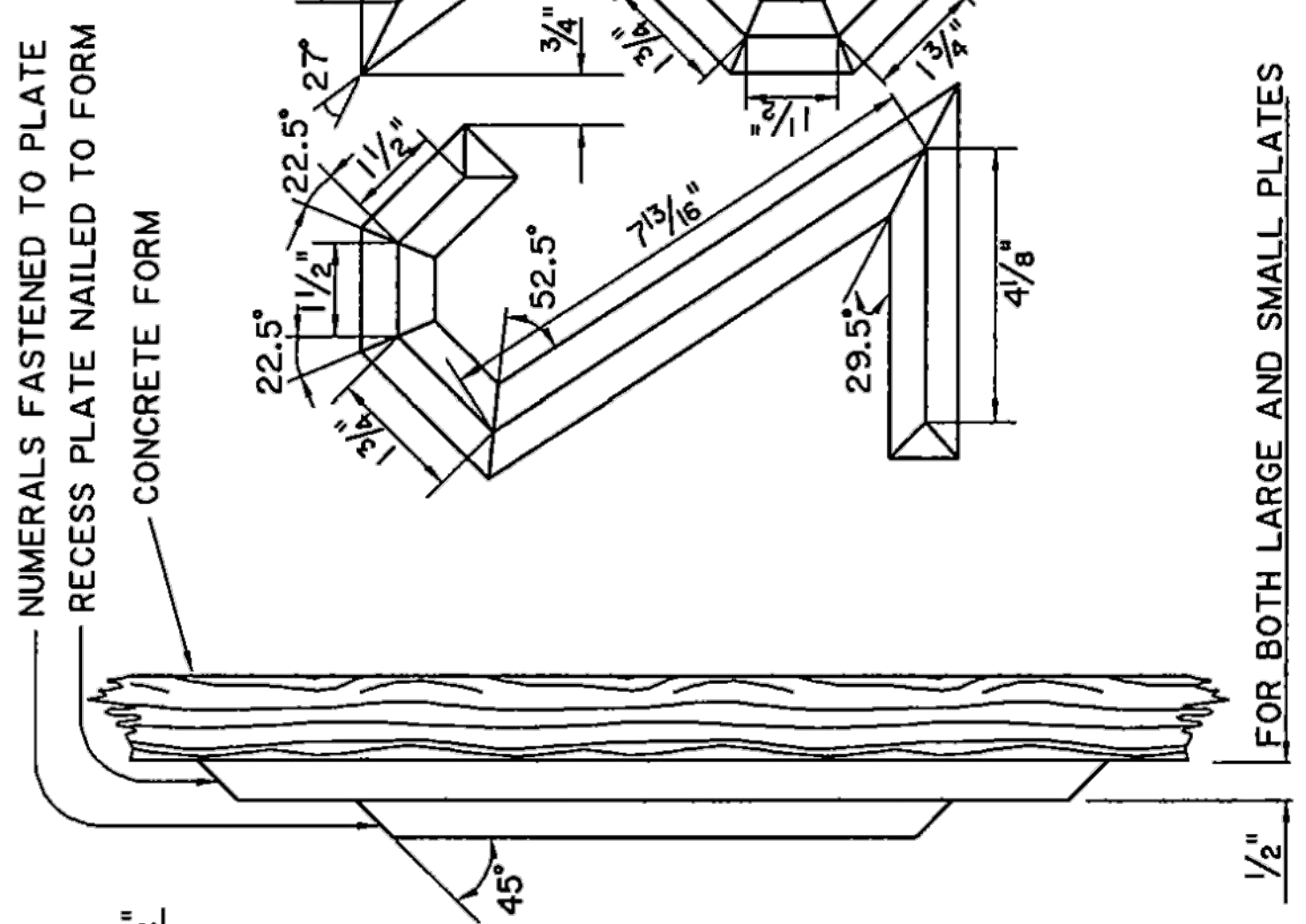


FOR CONCRETE STRUCTURES
 YEAR PLATE
 STANDARD DETAIL YP-01

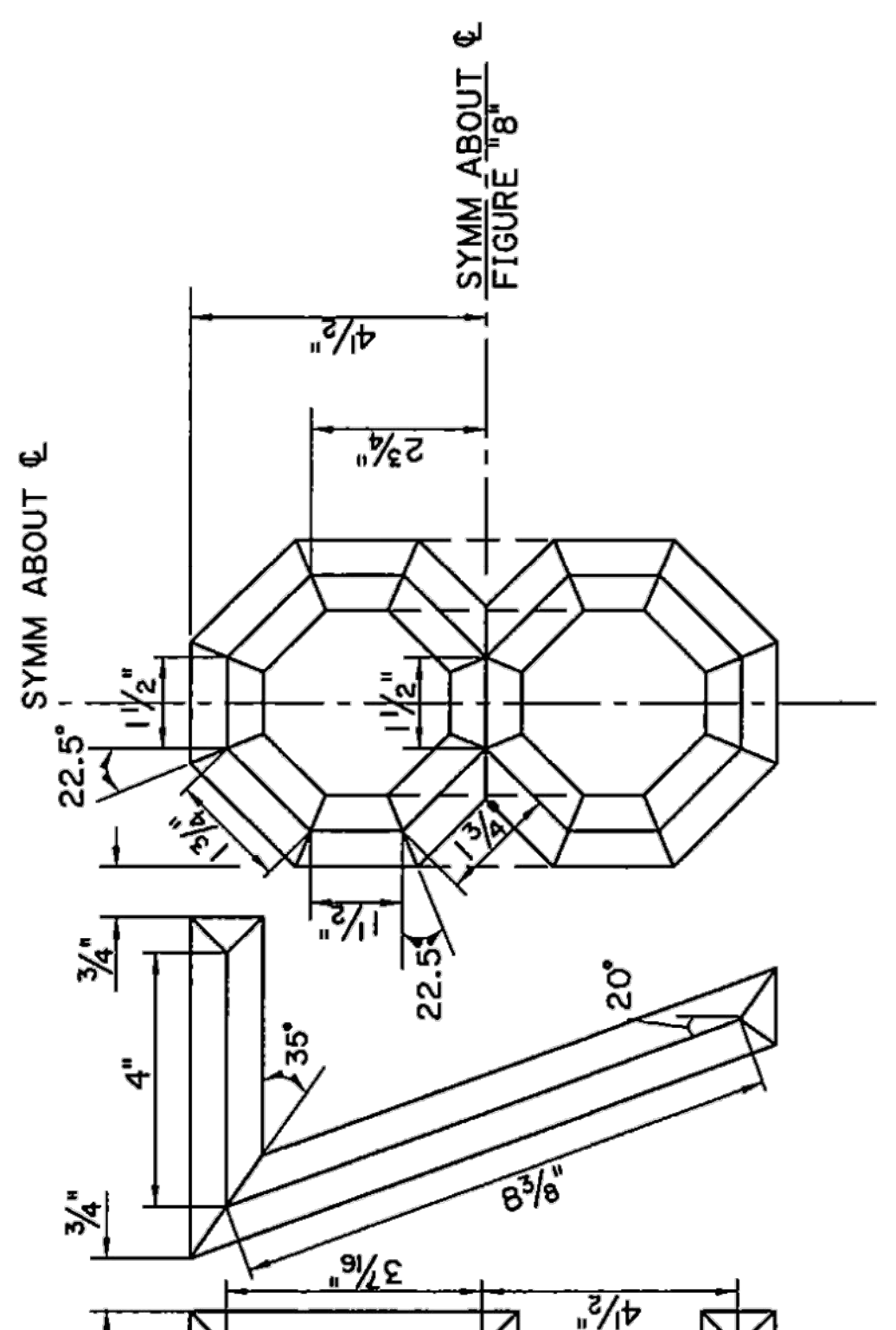


YEAR PLATE

DIMENSIONS SHOWN ARE FOR LARGE YEAR PLATE.
 USE ONE HALF (1/2) ABOVE DIMENSIONS FOR SMALL YEAR PLATE.
 YEAR PLATE TO CORRESPOND TO YEAR IN WHICH STRUCTURE IS COMPLETED.

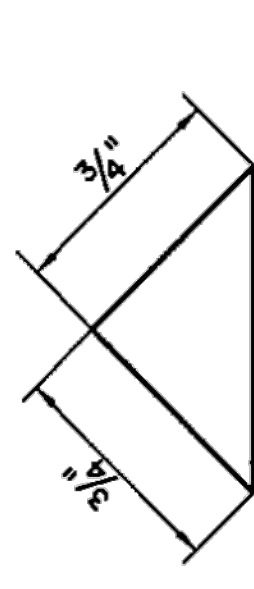


FOR BOTH LARGE AND SMALL PLATES



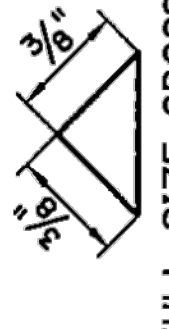
NUMERALS

NOTE:
 FIGURE "6" TO BE "9" INVERTED.
 FIGURE "0" TO BE MADE USING DASHED LINES INDICATED ON DETAIL OF FIGURE "8."
 DIMENSIONS SHOWN ARE FOR LARGE YEAR PLATE.
 USE ONE-HALF (1/2) ABOVE DIMENSIONS FOR SMALL YEAR PLATE.



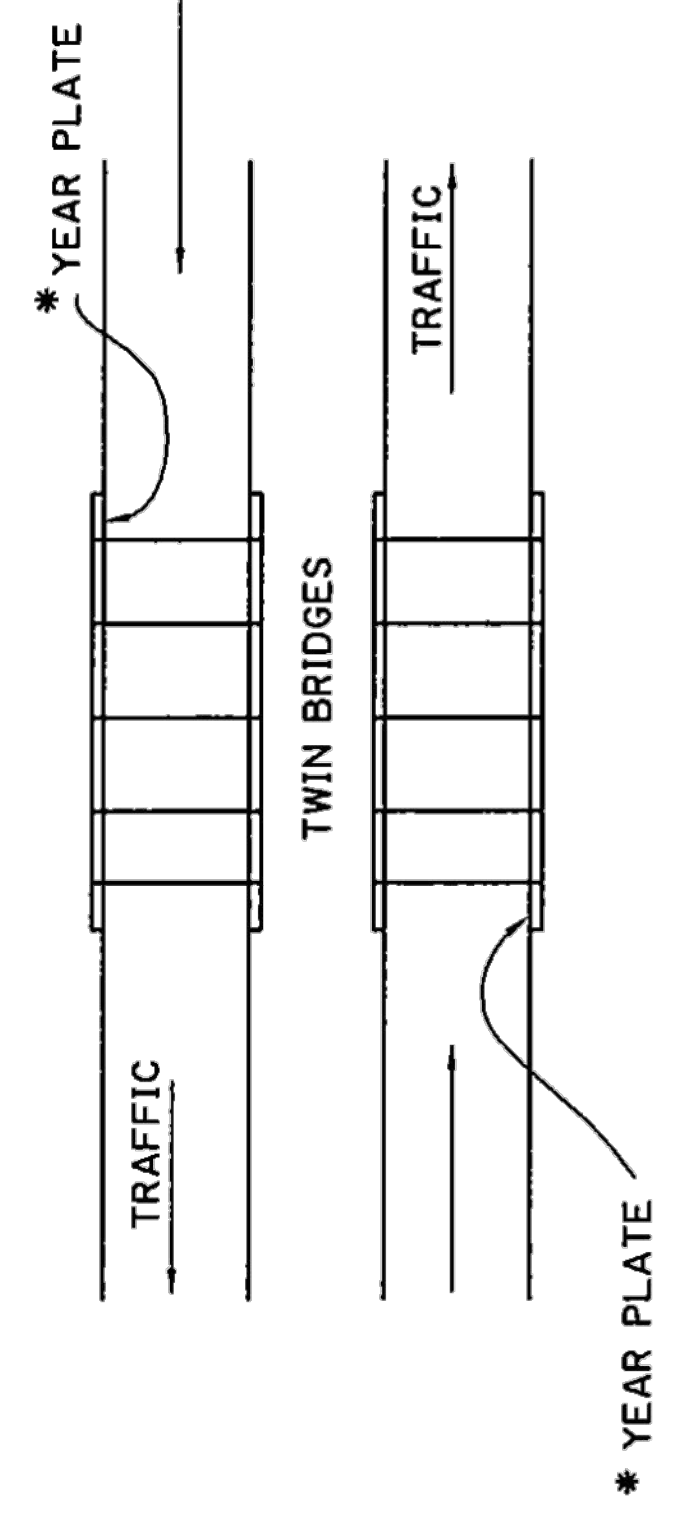
FULL SIZE CROSS-SECTION OF 3/8" CHAMFER STRIP TO BE USED IN CONSTRUCTION OF ALL NUMERALS.

CHAMFER STRIP FOR LARGE YEAR PLATE



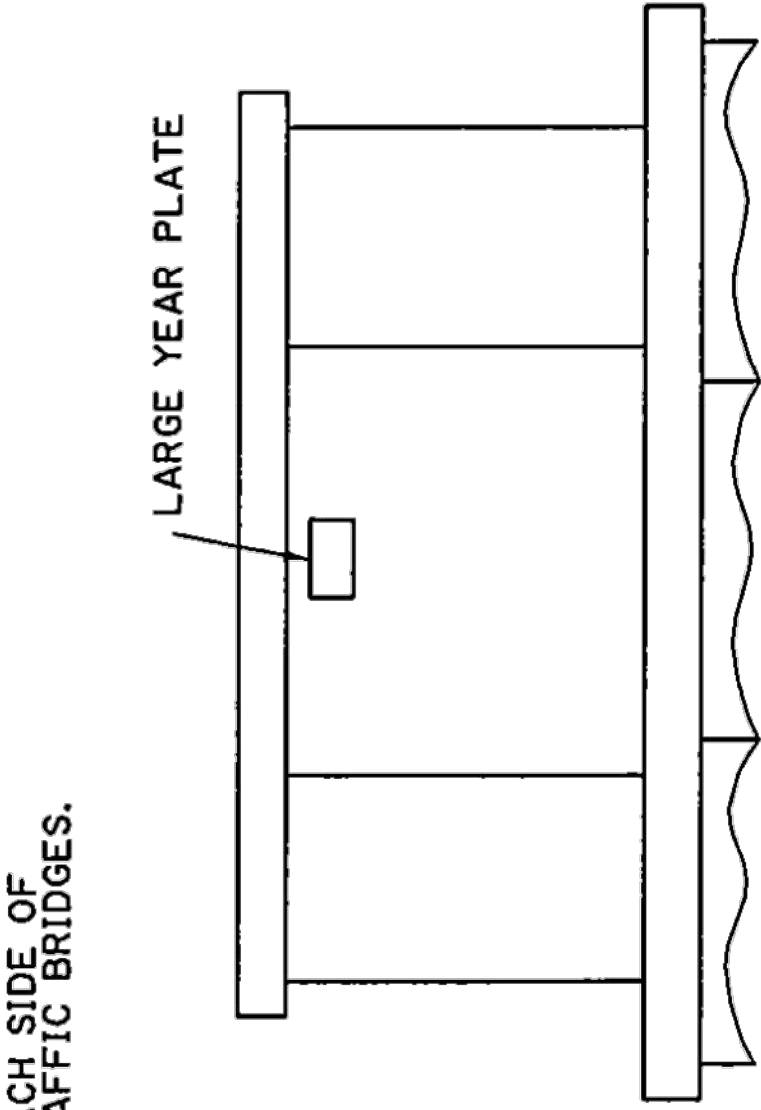
FULL SIZE CROSS SECTION OF 3/8" CHAMFER STRIP TO BE USED IN CONSTRUCTION OF ALL NUMERALS.

CHAMFER STRIP FOR SMALL YEAR PLATE



BRIDGE PLAN

* YEAR PLATE ON THE APPROACH SIDE OF BOTH ENDS ON TWO-WAY TRAFFIC BRIDGES.



END WALL BARRIER TYPE RAILING

PIER ELEVATION

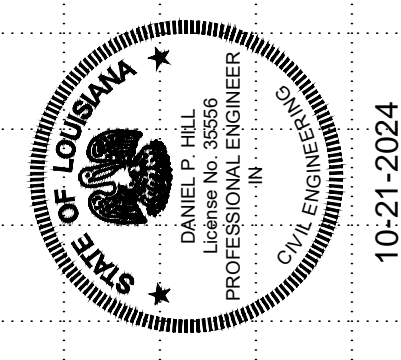
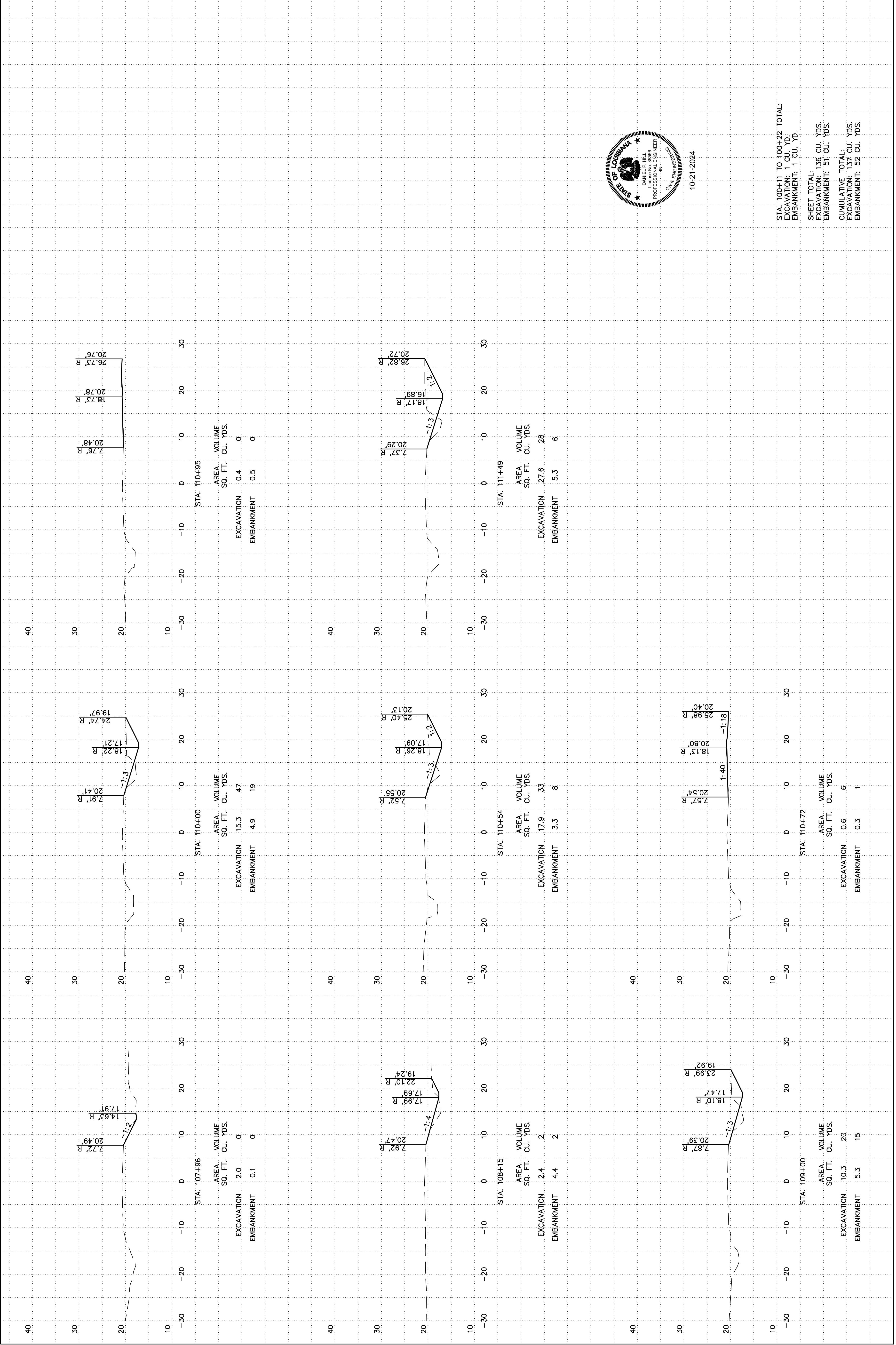
SKETCHES SHOWING LOCATION OF YEAR PLATE ON VARIOUS CONCRETE STRUCTURES

STATE OF LOUISIANA
 PAUL B. FOSSIER, JR.
 REG. NO. 21028
 REGISTERED PROFESSIONAL ENGINEER
 IN CIVIL ENGINEERING
 8/29/00

STATE OF LOUISIANA
 DANIEL M. BESS
 LICENSED PROFESSIONAL ENGINEER
 IN CIVIL ENGINEERING
 10-21-2024

These standard plans have been properly examined by me, the undersigned professional engineer. I have determined that the same conform to the requirements of the laws of Louisiana and have been properly adapted to use on this project.

Sheet No.	Date	Description



10-21-2024

STA. 100+11 TO 100+22 TOTAL:
EXCAVATION: 1 CU. YD.
EMBANKMENT: 1 CU. YD.

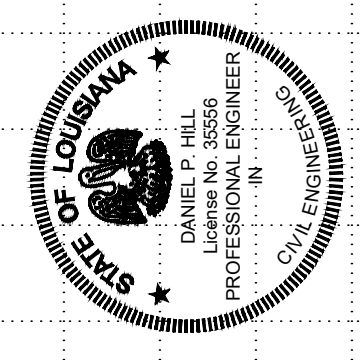
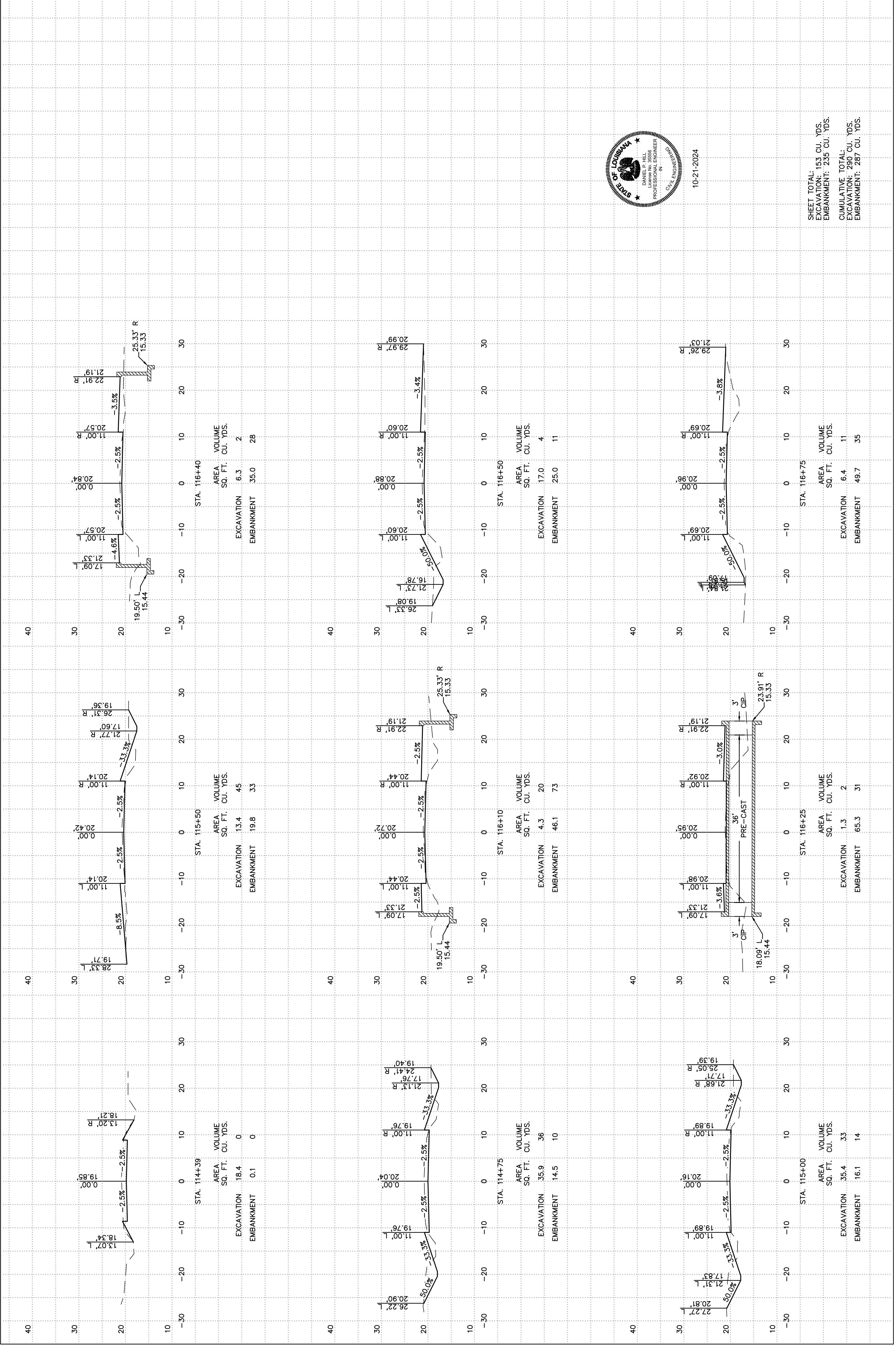
SHEET TOTAL:
EXCAVATION: 136 CU. YDS.
EMBANKMENT: 51 CU. YDS.

CUMULATIVE TOTAL:
EXCAVATION: 137 CU. YDS.
EMBANKMENT: 52 CU. YDS.

Item No.	Date	Description

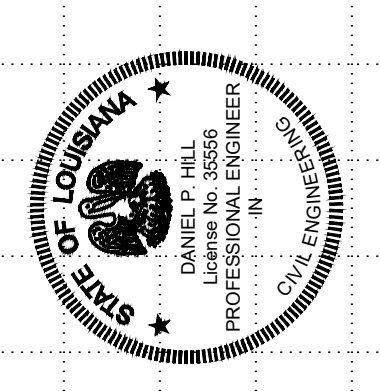
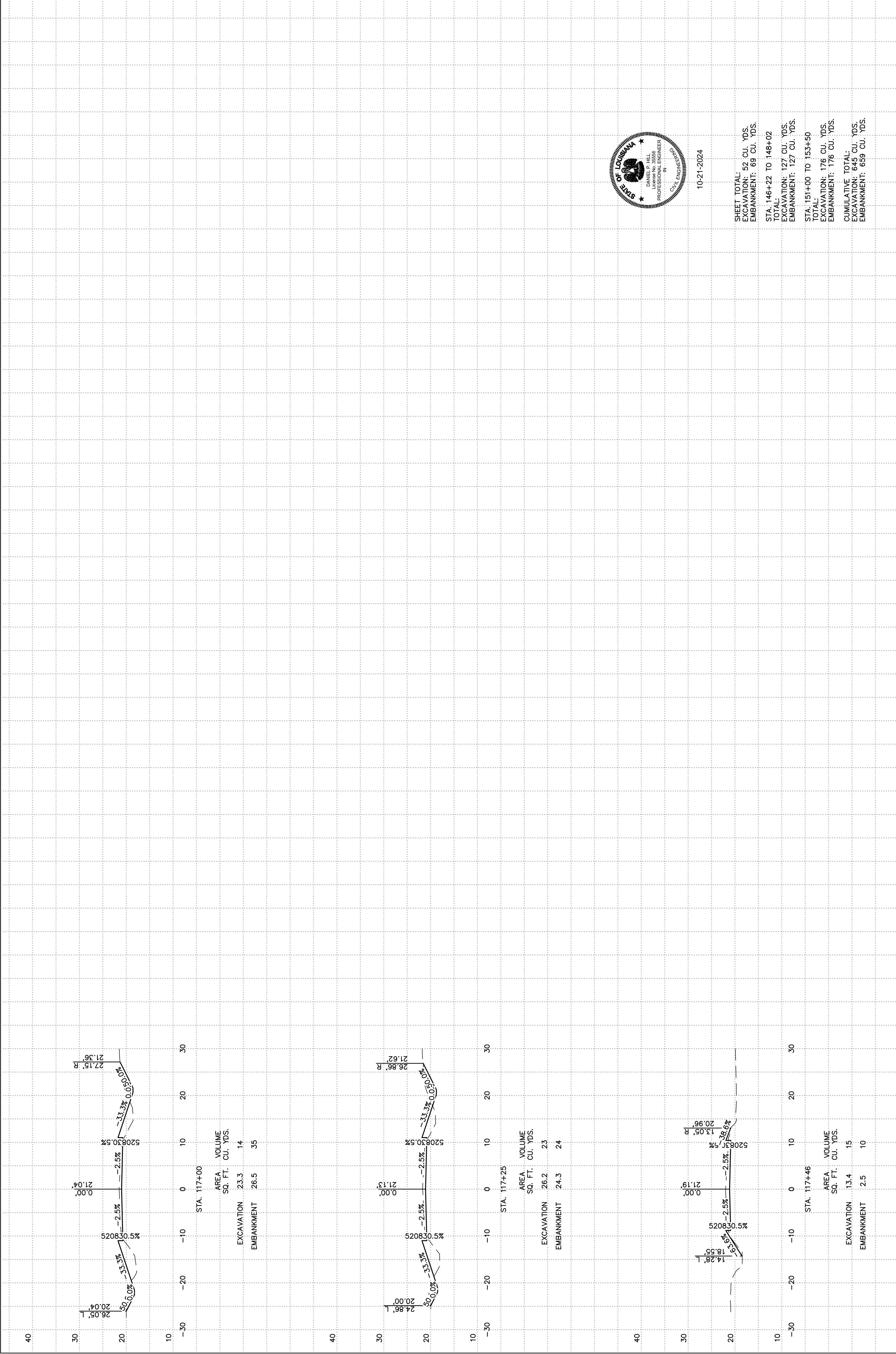
St. Tammany Parish
Department of Engineering
P. O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org

Project No. _____
Date 10/15/2024
Scale 1" = 10'
Drawn By JPC



10-21-2024

SHEET TOTAL:
EXCAVATION: 153 CU. YDS.
EMBANKMENT: 235 CU. YDS.
CUMULATIVE TOTAL:
EXCAVATION: 290 CU. YDS.
EMBANKMENT: 287 CU. YDS.



10-21-2024

SHEET TOTAL:
EXCAVATION: 52 CU. YDS.
EMBANKMENT: 69 CU. YDS.

STA. 146+22 TO 148+02
TOTAL:
EXCAVATION: 127 CU. YDS.
EMBANKMENT: 127 CU. YDS.

STA. 151+00 TO 153+50
TOTAL:
EXCAVATION: 176 CU. YDS.
EMBANKMENT: 176 CU. YDS.

CUMULATIVE TOTAL:
EXCAVATION: 645 CU. YDS.
EMBANKMENT: 659 CU. YDS.

Sheet	Proj. No.	Date	Description

St. Tammany Parish
Department of Engineering
P.O. Box 628 Covington, La. 70434
Phone: (985) 898-2552
E-mail: eng@spgov.org