



City of Hailey, Idaho

**Public Works Department
115 S. Main St, Hailey, ID 83333
(208) 788-9830**

Contract Documents and Specifications

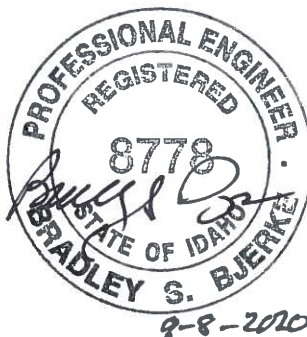
**WASTEWATER TREATMENT PLANT
IMPROVEMENTS
STANDBY GENERATOR PROJECT**

September, 2020

Prepared by:

**HDR Engineering, Inc.
412 E. Parkcenter Blvd, Suite 100
Boise, ID 83706
(208) 387-7000**

**DC Engineering, Inc.
440 E. Corporate Dr, Suite 103
Meridian, ID 83642
(208) 288-2181**



INVITATION TO BID

The City of Hailey, Idaho, is accepting sealed bids at the office of the City Clerk, 115 Main St. S, Hailey, Idaho 83333, **until 2:00 p.m., local time, Wednesday, September 23, 2020**, for the following project:

STANDBY GENERATOR FOUNDATION

At 2:00 p.m. on the same day, all bid proposals will be opened publicly and read aloud in the Hailey City Hall council chambers.

The proposed Work includes

The contract documents, plans and specifications may be obtained at the City of Hailey Public Works Department, 115 Main St. S, Hailey, Idaho 83333. The contract documents, plans and specifications may also be obtained via email by contacting Tracy Anderson at the City of Hailey: (208) 788-9830 x17 or tracy.anderson@haileycityhall.org. Questions regarding the contract documents or scope of work should be submitted in writing to tracy.anderson@haileycityhall.org.

Bidders must hold a valid Idaho Public Works License prior to the bid due date. Bidders must submit a list of all subcontractors with their bid.

Any objections to the contents or terms of the contract documents, plans and specifications shall be raised no later than three (3) days prior to the bid opening date and time.

The City of Hailey reserves the right to reject any and all bids.

Mary Cone, City Clerk

Publish September 9, 2020 and September 16, 2020

INSTRUCTIONS TO BIDDERS

BID PROPOSALS

The City of Hailey, Idaho, is accepting sealed bids at the office of the City Clerk, 115 Main St. S, Hailey, Idaho 83333, **until 2:00 p.m., local time, Wednesday, September 23, 2020**, for the following project:

STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT

At 2:00 p.m. on the same day, all bid proposals will be opened publicly and read aloud in the Hailey City Hall council chambers.

The contract documents, plans and specifications may be obtained at the City of Hailey Public Works Department, 115 Main St. S, Hailey, Idaho 83333. The contract documents, plans and specifications may also be obtained via email by contacting Tracy Anderson at the City of Hailey: (208) 788-9830 x17 or tracy.anderson@haileycityhall.org. Questions regarding the contract documents or scope of work should be submitted in writing to tracy.anderson@haileycityhall.org.

The Bidder must hold a valid Idaho Public Works License prior to the bid due date. The Bidder must submit a list of all subcontractors with their BID PROPOSAL.

The BID PROPOSAL must be submitted in a sealed envelope, plainly marked on the outside as:

“BID FOR STANDBY GENERATOR PAD”

If forwarded by mail, the sealed envelope containing the BID PROPOSAL must be enclosed in another envelope addressed to the HAILEY PUBLIC WORKS DEPARTMENT, in care of the receiving office.

The BID PROPOSAL must be made on the required BID FORM. All blank spaces for bid prices must be filled in, in ink or typewritten, and the BID FORM must be fully completed and executed when submitted. Only one copy of the BID FORM is required.

The CITY OF HAILEY may waive any informalities or minor defects or reject any and all BID PROPOSALS. Any BID PROPOSAL may be withdrawn prior to the above scheduled time for the opening of BID PROPOSALS or authorized postponement thereof. Any BID PROPOSAL received after the time and date specified shall not be considered. No Bidder may withdraw a BID PROPOSAL within 20 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period, the time may be extended by mutual agreement between the CITY OF HAILEY and the Bidder.

The Bidder is responsible for inspecting the site and for reading and being thoroughly familiar with the CONTRACT DOCUMENTS. The failure or omission of the Bidder to do any of the foregoing shall in no way relieve the Bidder from any obligation in respect to the Bidder's BID PROPOSAL. The Bidder must satisfy themselves of the accuracy of any estimated quantities in the BID PROPOSAL by examination of the site and a review of the drawings and specifications including ADDENDA. The quantities shown in the BID PROPOSAL are estimated quantities and are given solely for the purpose of facilitating the comparison of Proposals. All computations of the Contractor's compensation shall be based upon the quantities of work actually performed, whether greater or less than estimated quantities. After BID PROPOSALS have been submitted, the Bidder shall not assert that there was a misunderstanding concerning the quantities of WORK or of the nature of the WORK to be done. Any objections to the contents or terms of the contract documents, plans and specifications shall be raised no later than three (3) days prior to the bid opening date and time.

The CONTRACT DOCUMENTS contain the provisions required for the construction of the project. Information obtained from an officer, agent, or employee of the CITY OF HAILEY, or any other person, shall not affect the risks or obligations assumed by the CONTRACTOR or relieve him from fulfilling any of the conditions of the AGREEMENT.

A PERFORMANCE BOND and a PAYMENT BOND, each in the amount of 100 percent of the CONTRACT PRICE, with a corporate surety approved by the CITY OF HAILEY, will be required for the faithful performance of the contract. Attorneys-in-fact who sign PERFORMANCE BONDS or PAYMENT BONDS must file with each bond a certified and effective dated copy of their power of attorney.

A conditional or qualified BID PROPOSAL will not be accepted.

The CITY OF HAILEY reserves the right to reject any or all BID PROPOSALS, and to postpone the award of the CONTRACT for a period not to exceed thirty (30) days.

INSTRUCTIONS TO BIDDERS (continued)

SUCCESSFUL BIDDER, NOTICE-OF-AWARD, EXECUTION OF AGREEMENT, and NOTICE-TO-PROCEED

The Bidder to whom the CITY OF HAILEY issues a NOTICE-OF-AWARD is deemed the "Successful Bidder."

The CITY OF HAILEY may make such investigations as deemed necessary to determine the ability of the Successful Bidder to perform the WORK, and the Successful Bidder shall furnish to the CITY OF HAILEY all such information and data for this purpose as the CITY OF HAILEY may request. The Successful Bidder shall supply the names and addresses of major material SUPPLIERS and SUBCONTRACTORS, if requested to do so by the CITY OF HAILEY. The CITY OF HAILEY reserves the right to reject any the Successful Bidder's BID PROPOSAL if the evidence submitted by, or investigation of, the Successful Bidder fails to satisfy the CITY OF HAILEY that the Successful Bidder is properly qualified to carry out the obligations of the AGREEMENT and to complete the WORK contemplated therein.

The CITY OF HAILEY shall include with the NOTICE-OF-AWARD the necessary agreement and bond forms. Within seven (7) calendar days from the date when the NOTICE-OF-AWARD is delivered to the Successful Bidder, the Successful Bidder will be required to execute the AGREEMENT and provide the acceptable PERFORMANCE BOND, PAYMENT BOND, and CERTIFICATE OF INSURANCE. If the Successful Bidder is unable to execute the AGREEMENT, as described, the CITY OF HAILEY may consider the Successful Bidder in default.

The CITY OF HAILEY, within ten (10) days of receipt of acceptable PERFORMANCE BOND, PAYMENT BOND, CERTIFICATE OF INSURANCE, and AGREEMENT, signed by the Successful Bidder to whom the AGREEMENT was awarded, shall sign the AGREEMENT and return an executed duplicate of the AGREEMENT to the Successful Bidder. Should the CITY OF HAILEY not execute the AGREEMENT within this ten (10) day period, the Successful Bidder may, by written notice, withdraw the signed AGREEMENT. Such notice of withdrawal shall be effective upon receipt of the notice by the CITY OF HAILEY. Upon execution of the AGREEMENT, the Successful Bidder is deemed the "CONTRACTOR."

The CITY OF HAILEY shall issue the NOTICE-TO-PROCEED immediately following execution of the AGREEMENT by the CITY OF HAILEY. Should there be reasons why the NOTICE-TO-PROCEED cannot be issued within such period, the time may be extended by mutual agreement between the CITY OF HAILEY and CONTRACTOR. If the NOTICE-TO-PROCEED has not been issued within sixty (60) days of the bid opening or within the period mutually agreed upon, the CONTRACTOR may terminate the AGREEMENT without further liability on the part of either party.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the PROJECT shall apply to the contract throughout as if written therein in full.

PROJECT DESCRIPTION

The proposed Work includes: construction of a 10'-0" wide by 24'-6" long by 3' deep concrete pad for later installation of a standby generator. Miscellaneous associated work includes: demolition of an existing concrete fuel containment pad and two bollards. Work to be completed 30 days after notice to proceed.

This is a lump sum price basis project and the Contractor shall verify and confirm all quantities. Refer to the Bid documents for additional information.

Construction MUST be completed before the date specified in the agreement or liquidated damages will be enforced. The successful Contractor will be responsible for providing a work schedule with one week increments, and diligently following said schedule. The Contractor shall schedule a pre-construction meeting with the OWNER, to be held prior to commencing construction.

Questions regarding the contract documents or scope of work should be submitted in writing to tracy.anderson@haileycityhall.org.

PROJECT SPECIFICATION

This project's specifications are as noted on the CONTSTRUCITON DRAWINGS, the most current edition of the City of Hailey Standard Drawings and Specifications, and the Idaho State Public Works Construction Standard Specifications.

BID FORM

PROJECT IDENTIFICATION:

CITY OF HAILEY
STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT

THIS BID IS SUBMITTED TO:

City of Hailey
115 Main St. S
Hailey, ID 83333

1.01 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the CITY OF HAILEY in the form included in the Bidding Documents to perform all work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

2.01 The undersigned Bidder accepts all of the terms and conditions of the Advertisement and/or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 30 days after the opening of Bid Proposals, or for such longer period of time that Bidder may agree to in writing upon request of the CITY OF HAILEY.

3.01 In submitting this Bid, the undersigned Bidder represents, as set forth in the AGREEMENT, that:

A. The Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all of which is hereby acknowledged.

<u>Addendum No.</u>	<u>Addendum Date</u>	<u>Initial</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

B. The Bidder has visited the project site and become familiar with and is satisfied as to the general, local and project site conditions that may affect cost, progress, and performance of the WORK.

C. The Bidder is familiar with and is satisfied as to all federal, state and local laws and regulations that may affect cost, progress and performance of the WORK.

D. The Bidder has carefully studied all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the project site. The Bidder acknowledges that the CITY OF HAILEY does not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to underground facilities at or contiguous to the site.

E. The Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.

F. The Bidder is aware of the general nature of work to be performed by the CITY OF HAILEY and others at the project site that relates to the WORK as indicated in the Bidding Documents.

G. The Bidder has correlated the information known to the Bidder, information and observations obtained from visits to the project site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.

H. The Bidder has given the City of Hailey Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by the City of Hailey Engineer is acceptable to the Bidder.

I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the WORK for which this Bid is submitted.

4.01 The Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; The Bidder has not solicited or induced any individual or entity to refrain from bidding; and the Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over the CITY OF HAILEY.

4.02 Construction Schedule Coordination: The Bidder, after receipt of NOTICE-TO-PROCEED, shall coordinate with the City of Hailey Engineer to verify the proposed construction start date as indicated in the Agreement. The Contractor shall schedule a pre-construction meeting with the City of Hailey Engineer, to be held prior to commencing construction.

5.01 LUMP SUM BID: The Bidder will complete the WORK in accordance with the Contract Documents for the following price:

PROJECT: STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT

LUMP SUM BID PRICE: \$_____.

LUMP SUM AMOUNT WRITTEN IN WORDS

_____ Dollars

6.01 The Bidder agrees that the WORK will be substantially completed and ready for final payment on or before the dates or within the number of calendar days indicated in the AGREEMENT.

6.02 The Bidder accepts the provisions of the AGREEMENT as to liquidated damages in the event of failure to complete the WORK within the times specified above, which shall be stated in the AGREEMENT.

7.01 The following information is included in this bid package:

- A. Instructions to Bidders
- B. Bid Form
- C. Notice of Award
- D. Agreement
- E. Payment Bond
- F. Performance Bond

- G. Certificate of Insurance
- H. Notice to Proceed
- I. Drawings by HDR Inc. and DC Engineering, Inc. dated September 8, 2020 titled "Standby Generator Pad at Hailey Wastewater Plant"

7.02 The following documents are attached to and made a condition of this Bid:

A. The Bidder shall include in his Bid the name, or names and address, or addresses, and Idaho Public Works Contractor License Numbers of the Subcontractors who shall, in the event the Bidder secures the Contract, subcontract the plumbing, heating and air-conditioning work, and electrical work under the general Contract; and

B. In addition to subcontractors for plumbing, heating and air-conditioning work, and electrical work, provide the names and addresses of the additional subcontractors, suppliers, individuals or entities called for in the Instructions to Bidders (include Idaho Public Works Contractor License Numbers for any subcontractors).

C. The Bidder and the Bidder's subcontractors must hold a valid Idaho Public Works License prior to the bid due date. The Bidders must submit a list of all subcontractors with their bid.

SUBMITTED on _____, 2020.

Idaho Public Works Contractor License No. _____.

Expiration Date _____.

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____ (SEAL)
(Individual's signature)

Doing business as: _____

Business address: _____

Phone No.: _____ FAX No.: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone No.: _____ FAX No.: _____

A Corporation

Corporation Name: _____ (SEAL)

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____
(CORPORATE SEAL)

Attest _____
(Signature of Corporate Secretary)

Business address: _____

Phone No.: _____ FAX No.: _____

State of Incorporation: _____

Date of Qualification to do business is _____.

A Joint Venture

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone No.: _____ FAX No.: _____

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Business address: _____

Phone No.: _____ FAX No.: _____

Phone and FAX Number, and Address for receipt of official communications:

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

A Limited Liability Company

Limited Liability Company Name: _____ (SEAL)

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Attest _____
(Signature of Member/Manager)

Business address: _____

Phone No.: _____ FAX No.: _____

State of Organization: _____

Date of Qualification to do business is _____.

NOTICE OF AWARD

Dated: _____

[Certified Mail -- Return Receipt Requested]

TO: _____

(BIDDER)

ADDRESS: _____

Contract: **STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT**

(Insert name of Contract as it appears in the Bidding Documents)

Project: City of Hailey Standby Generator Pad at Hailey Wastewater Plant

OWNER's Contract No. N/A

You are notified that your Bid dated _____, for the above Contract has been considered. You are the apparent Successful Bidder and have been awarded a Contract for the Standby Generator Pad at Hailey Wastewater Plant project.

The Contract Price of your Contract is _____
(\$ _____)

One (1) copy of the proposed Contract Documents and one (1) copy of the Construction Drawings accompany this Notice of Award.

You must comply with the following conditions upon receipt of this Notice of Award.

1. Deliver to the CITY OF HAILEY one (1) fully executed copy of the Contract Documents within seven (7) calendar days of this Notice of Award.

2. Deliver with the executed Contract Documents the Contract security (Bonds) and Certificate of Insurance as specified in this document within seven (7) calendar days of this Notice of Award.

AGREEMENT

This AGREEMENT, made this _____ day of _____, 2020, by and between the City of Hailey, Idaho, hereinafter called "CITY OF HAILEY" and _____, hereinafter called "CONTRACTOR".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of:
STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor and other services necessary for the construction and completion of the WORK described herein.
3. The CONTRACTOR will commence work no later than 30 days after Notice to Proceed. All work must achieve final completion by 45 days after Notice to Proceed ("Date of Final Completion"), unless otherwise extended by the CONTRACT DOCUMENTS.
4. The CONTRACTOR agrees to perform all of the WORK described in the CONTRACT DOCUMENTS and comply with the terms therein for the sum of:

_____ \$ _____
 (write in letters) (insert numbers)

as shown in the submitted BID PROPOSAL.

5. The term "CONTRACT DOCUMENTS" means and includes the following:
 - 5.01 INSTRUCTIONS TO BIDDERS
 - 5.02 BID FORM
 - 5.03 NOTICE OF AWARD
 - 5.04 AGREEMENT
 - 5.05 PAYMENT BOND
 - 5.06 PERFORMANCE BOND
 - 5.07 CERTIFICATE OF INSURANCE
 - 5.08 NOTICE TO PROCEED
 - 5.09 DRAWING BY HDR ENGINEERING DATED SEPTEMBER 8, 2020 TITLED "STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT"
 - 5.10 CITY OF HAILEY STANDARD DRAWINGS AND SPECIFICATIONS
 - 5.11 IDAHO STATE PUBLIC WORKS CONSTRUCTION STANDARD SPECIFICATIONS

6. *Retainage.* The CITY OF HAILEY will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions such amounts as required by the CONTRACT DOCUMENTS. Five-percent (5%) retainage will be held from each payment. Retainage will be released upon Certification of Substantial Completion.

7. *Liquidated Damages.* The CITY OF HAILEY and CONTRACTOR recognize that time is of the essence of this Agreement and that the CITY OF HAILEY will suffer financial loss if the WORK is not completed within the times specified in paragraph 3 above. They also recognize the delays, expense and difficulties involved in proving the actual loss suffered by the CITY OF HAILEY if the WORK is not completed on time. Accordingly, instead of requiring any such proof, the CITY OF HAILEY and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay the CITY OF HAILEY **five hundred dollars (\$500.00)** for each day that expires after the Date of Final Completion, or any proper extension thereof granted by the CITY OF HAILEY.

8. This Agreement shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Agreement, deemed an original on the date first above written.

OWNER:

CITY OF HAILEY, IDAHO

BY: _____
Martha Burke, Mayor

(SEAL)

ATTEST:

Mary Cone, Clerk

CONTRACTOR:

BY: _____

Title: _____

Address: _____

(SEAL)

ATTEST:

Name: _____
(Type or Print)

Title: _____

Payment Bond

Any singular reference to Contractor, Surety, Owner (CITY OF HAILEY) or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place
of Business):

OWNER (Name and Address):

CONTRACT

Date:

Amount:

Description (Name and Location):

BOND

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Payment Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

(Attach Power of Attorney)

(Space is provided below for signatures of additional parties, if required.)

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the OWNER to pay for labor, materials and equipment furnished for use in the performance of the Contract, which is incorporated herein by reference.

2. With respect to the OWNER, this obligation shall be null and void if the CONTRACTOR:

2.1. Promptly makes payment, directly or indirectly, for all sums due Claimants, and

EJCDC No. 1910-28-B (1996 Edition)

Originally prepared through the joint efforts of the Surety Association of America, Engineers Joint Contract Documents Committee, the Associated General Contractors of America, the American Institute of Architects, the American Subcontractors Association, and the Associated Specialty Contractors

2.2. Defends, indemnifies and holds harmless the OWNER from all claims, demands, liens or suits by any person or entity who furnished labor, materials or equipment for use in the performance of the Contract, provided the OWNER has promptly notified the CONTRACTOR and the Surety (at the addresses described in paragraph 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the CONTRACTOR and the Surety, and provided there is no OWNER Default.

3. With respect to Claimants, this obligation shall be null and void if the CONTRACTOR promptly makes payment, directly or indirectly, for all sums due.

4. The Surety shall have no obligation to Claimants under this Bond until:

4.1. Claimants who are employed by or have a direct contract with the CONTRACTOR have given notice to the Surety (at the addresses described in paragraph 12) and sent a copy, or notice thereof, to the OWNER, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

4.2. Claimants who do not have a direct contract with the CONTRACTOR:

1. Have furnished written notice to the CONTRACTOR and sent a copy, or notice thereof, to the OWNER, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and

2. Have either received a rejection in whole or in part from the CONTRACTOR, or not received within 30 days of furnishing the above notice any communication from the CONTRACTOR by which the CONTRACTOR had indicated the claim will be paid directly or indirectly; and

3. Not having been paid within the above 30 days, have sent a written notice to the Surety and sent a copy, or notice thereof, to the OWNER, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the CONTRACTOR.

5. If a notice required by paragraph 4 is given by the OWNER to the CONTRACTOR or to the Surety, that is sufficient compliance.

6. When the Claimant has satisfied the conditions of paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:

6.1. Send an answer to the Claimant, with a copy to the OWNER, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.

6.2. Pay or arrange for payment of any undisputed amounts.

7. The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

8. Amounts owed by the OWNER to the CONTRACTOR under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any Performance Bond. By the CONTRACTOR furnishing and the OWNER accepting this Bond, they agree that all funds earned by the CONTRACTOR in the performance of the Contract are dedicated to satisfy obligations of the CONTRACTOR and the Surety under this Bond, subject to the OWNER's priority to use the funds for the completion of the Work.

9. The Surety shall not be liable to the OWNER, Claimants or others for obligations of the CONTRACTOR that are unrelated to the Contract. The OWNER shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to

make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.

10. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related Subcontracts, purchase orders and other obligations.

11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the Work or part of the Work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by paragraph 4.1 or paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

12. Notice to the Surety, the OWNER or the CONTRACTOR shall be mailed or delivered to the addresses shown on the signature page. Actual receipt of notice by Surety, the OWNER or the CONTRACTOR, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.

13. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is, that this Bond shall be construed as a statutory Bond and not as a common law bond.

14. Upon request of any person or entity appearing to be a potential beneficiary of this Bond, the CONTRACTOR shall promptly furnish a copy of this Bond or shall permit a copy to be made.

15. DEFINITIONS

15.1. Claimant: An individual or entity having a direct contract with the CONTRACTOR or with a Subcontractor of the CONTRACTOR to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Contract, architectural and engineering services required for performance of the Work of the CONTRACTOR and the CONTRACTOR's Subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

15.2. Contract: The agreement between the OWNER and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

15.3. OWNER Default: Failure of the OWNER, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the Contract or to perform and complete or comply with the other terms thereof.

EJCDC No. 1910-28-B (1996 Edition)

Originally prepared through the joint efforts of the Surety Association of America, Engineers Joint Contract Documents Committee, the Associated General Contractors of America, the American Institute of Architects, the American Subcontractors Association, and the Associated Specialty Contractors

Performance Bond

Any singular reference to Contractor, Surety, Owner (CITY OF HAILEY) or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place
of Business):

OWNER (Name and Address):

CONTRACT

Date:

Amount:

Description (Name and Location):

BOND

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

Surety and Contractor, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Performance Bond to be duly executed on its behalf by its authorized officer, agent or representative.

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

(Attach Power of Attorney)

(Space is provided below for signatures of additional parties, if required.)

CONTRACTOR AS PRINCIPAL

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

SURETY

Company: _____ (Corp. Seal)

Signature: _____

Name and Title:

EJCDC No. 1910-28-A (1996 Edition)

Originally prepared through the joint efforts of the Surety Association of America, Engineers Joint Contract Documents Committee, the Associated General Contractors of America, and the American Institute of Architects

1. The CONTRACTOR and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Contract, which is incorporated herein by reference.

2. If the CONTRACTOR performs the Contract, the Surety and the CONTRACTOR have no obligation under this Bond, except to participate in conferences as provided in paragraph 3.1.

3. If there is no OWNER Default, the Surety's obligation under this Bond shall arise after:

3.1. The OWNER has notified the CONTRACTOR and the Surety at the addresses described in paragraph 10 below, that the OWNER is considering declaring a CONTRACTOR Default and has requested and attempted to arrange a conference with the CONTRACTOR and the Surety to be held not later than fifteen days after receipt of such notice to discuss methods of performing the Contract. If the OWNER, the CONTRACTOR and the Surety agree, the CONTRACTOR shall be allowed a reasonable time to perform the Contract, but such an agreement shall not waive the OWNER's right, if any, subsequently to declare a CONTRACTOR Default; and

3.2. The OWNER has declared a CONTRACTOR Default and formally terminated the CONTRACTOR's right to complete the Contract. Such CONTRACTOR Default shall not be declared earlier than twenty days after the CONTRACTOR and the Surety have received notice as provided in paragraph 3.1; and

3.3. The OWNER has agreed to pay the Balance of the Contract Price to:

3.3.1. The Surety in accordance with the terms of the Contract;

3.3.2 Another contractor selected pursuant to paragraph 4.3 to perform the Contract.

4. When the OWNER has satisfied the conditions of paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

4.1. Arrange for the CONTRACTOR, with consent of the OWNER, to perform and complete the Contract; or

4.2. Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or

4.3. Obtain bids or negotiated proposals from qualified contractors acceptable to the OWNER for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by the OWNER and the contractor selected with the OWNER's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the Bonds issued on the Contract, and pay to the OWNER the amount of damages as described in paragraph 6 in excess of the Balance of the Contract Price incurred by the OWNER resulting from the CONTRACTOR Default; or

4.4. Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances;

4.4.1 After investigation, determine the amount for which it may be liable to the OWNER and, as soon as practicable after the amount is determined, tender payment therefor to the OWNER; or

4.4.2 Deny liability in whole or in part and notify the OWNER citing reasons therefor.

5. If the Surety does not proceed as provided in paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond fifteen days after receipt of an additional written notice from the OWNER to the Surety demanding that the Surety perform its obligations under this Bond, and the OWNER shall be entitled to enforce any remedy available to the OWNER. If the Surety proceeds as provided in paragraph 4.4, and the OWNER refuses the payment tendered or the Surety has denied

liability, in whole or in part, without further notice the OWNER shall be entitled to enforce any remedy available to the OWNER.

6. After the OWNER has terminated the CONTRACTOR's right to complete the Contract, and if the Surety elects to act under paragraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the OWNER shall not be greater than those of the CONTRACTOR under the Contract, and the responsibilities of the OWNER to the Surety shall not be greater than those of the OWNER under the Contract. To a limit of the amount of this Bond, but subject to commitment by the OWNER of the Balance of the Contract Price to mitigation of costs and damages on the Contract, the Surety is obligated without duplication for:

6.1. The responsibilities of the CONTRACTOR for correction of defective Work and completion of the Contract;

6.2. Additional legal, design professional and delay costs resulting from the CONTRACTOR's Default, and resulting from the actions or failure to act of the Surety under paragraph 4; and

6.3. Liquidated damages, or if no liquidated damages are specified in the Contract, actual damages caused by delayed performance or non-performance of the CONTRACTOR.

7. The Surety shall not be liable to the OWNER or others for obligations of the CONTRACTOR that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the OWNER or its heirs, executors, administrators, or successors.

8. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders and other obligations.

9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the Work or part of the Work is located and shall be instituted within two years after CONTRACTOR Default or within two years after the CONTRACTOR ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

10. Notice to the Surety, the OWNER or the CONTRACTOR shall be mailed or delivered to the address shown on the signature page.

11. When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the Contract was performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted here from and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. Definitions.

12.1 Balance of the Contract Price: The total amount payable by the OWNER to the CONTRACTOR under the Contract after all proper adjustments have been made, including allowance to the CONTRACTOR of any amounts received or to be received by the OWNER in settlement of insurance or other Claims for damages to which the CONTRACTOR is entitled, reduced by all valid and proper payments made to or on behalf of the CONTRACTOR under the Contract.

12.2 Contract: The agreement between the OWNER and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

12.3 CONTRACTOR Default: Failure of the CONTRACTOR, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.

12.4 OWNER Default: Failure of the OWNER, which has neither been remedied nor waived, to pay the CONTRACTOR as required by the Contract or to perform and complete or comply with the other terms thereof.

NOTICE TO PROCEED

Dated _____

TO _____
(CONTRACTOR)

ADDRESS: _____

Contract: STANDBY GENERATOR PAD AT HAILEY WASTEWATER PLANT
(Insert name of Contract as it appears in the Contract Documents)

You are hereby notified to commence WORK on _____ in accordance with the AGREEMENT, and you are to complete the WORK by _____, unless the period for completion is extended otherwise by the CONTRACT DOCUMENTS.

You are required to return an acknowledged copy of this NOTICE-TO-PROCEED to the CITY OF HAILEY.

Dated this _____ day of _____, 2020.

CITY OF HAILEY
(OWNER)

By: _____
(AUTHORIZED SIGNATURE)

MARTHA BURKE, MAYOR
(TITLE)

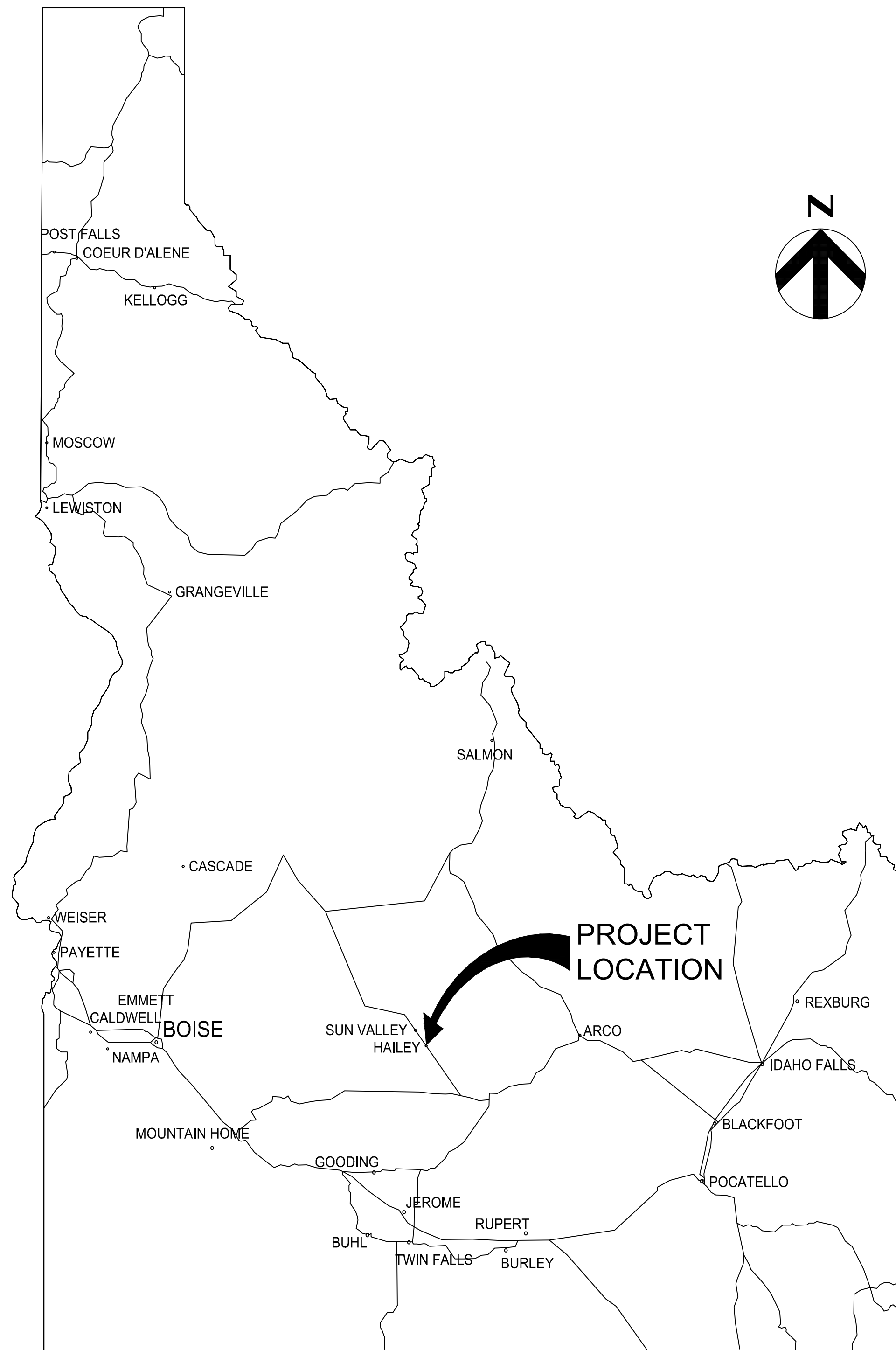
ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged on this _____ day

of _____, 2020 by: _____
(Contractor)

By: _____

Title: _____



LOCATION MAP

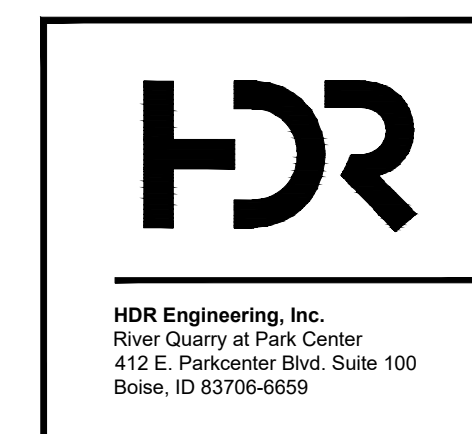
Drawings For

City of Hailey Wastewater Department

GENERATOR REPLACEMENT

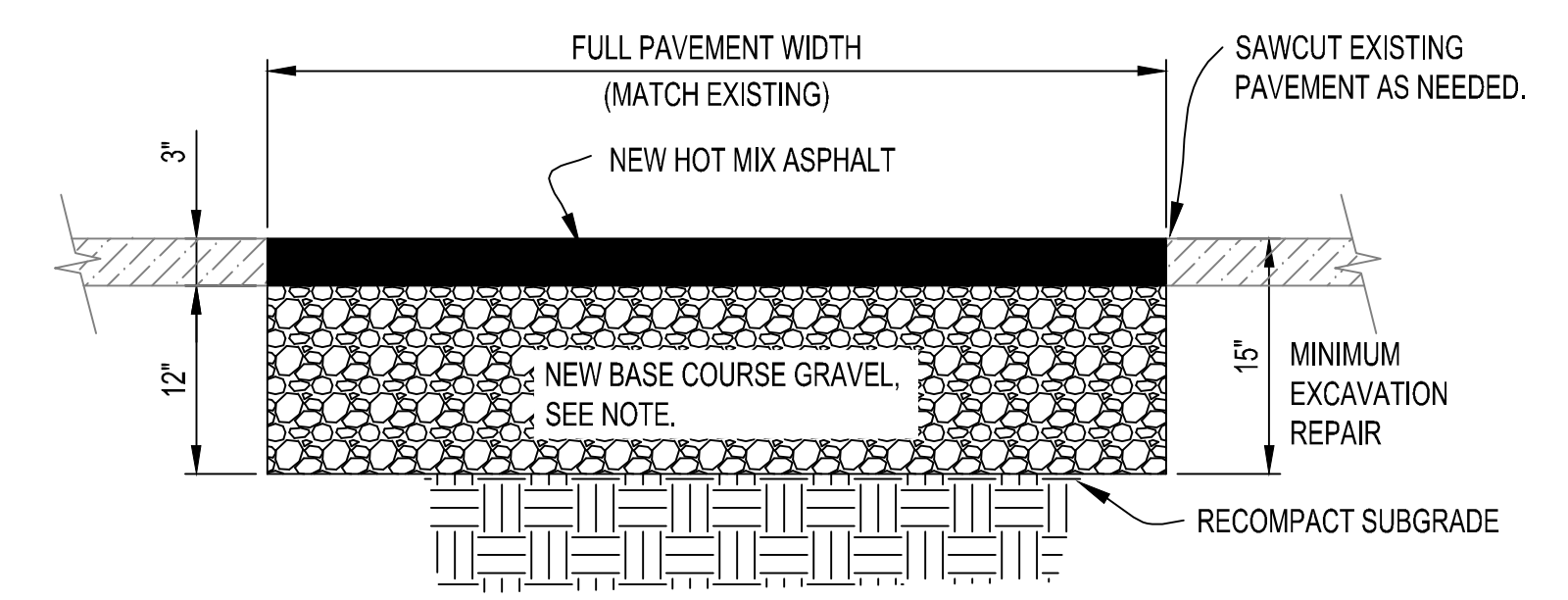
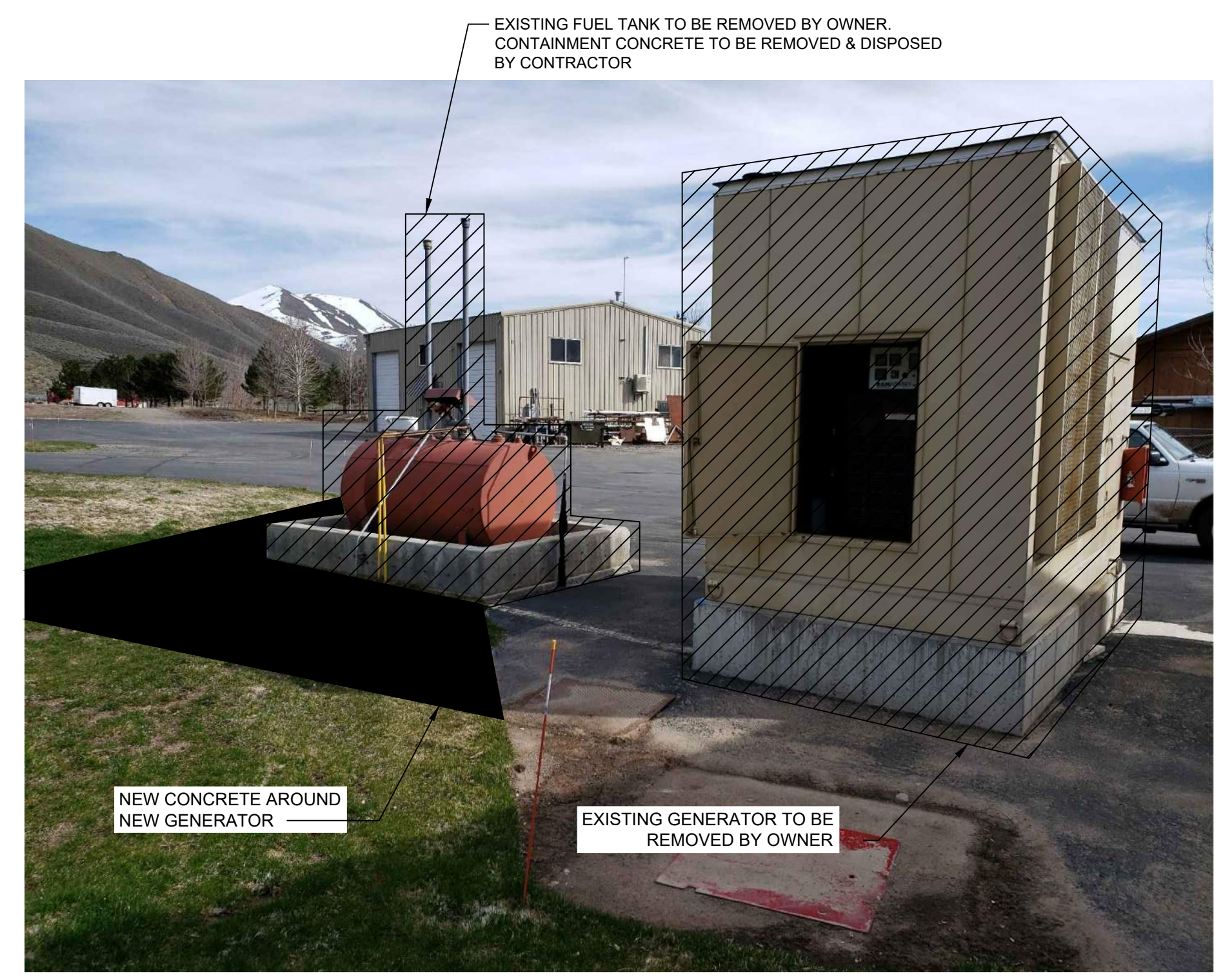
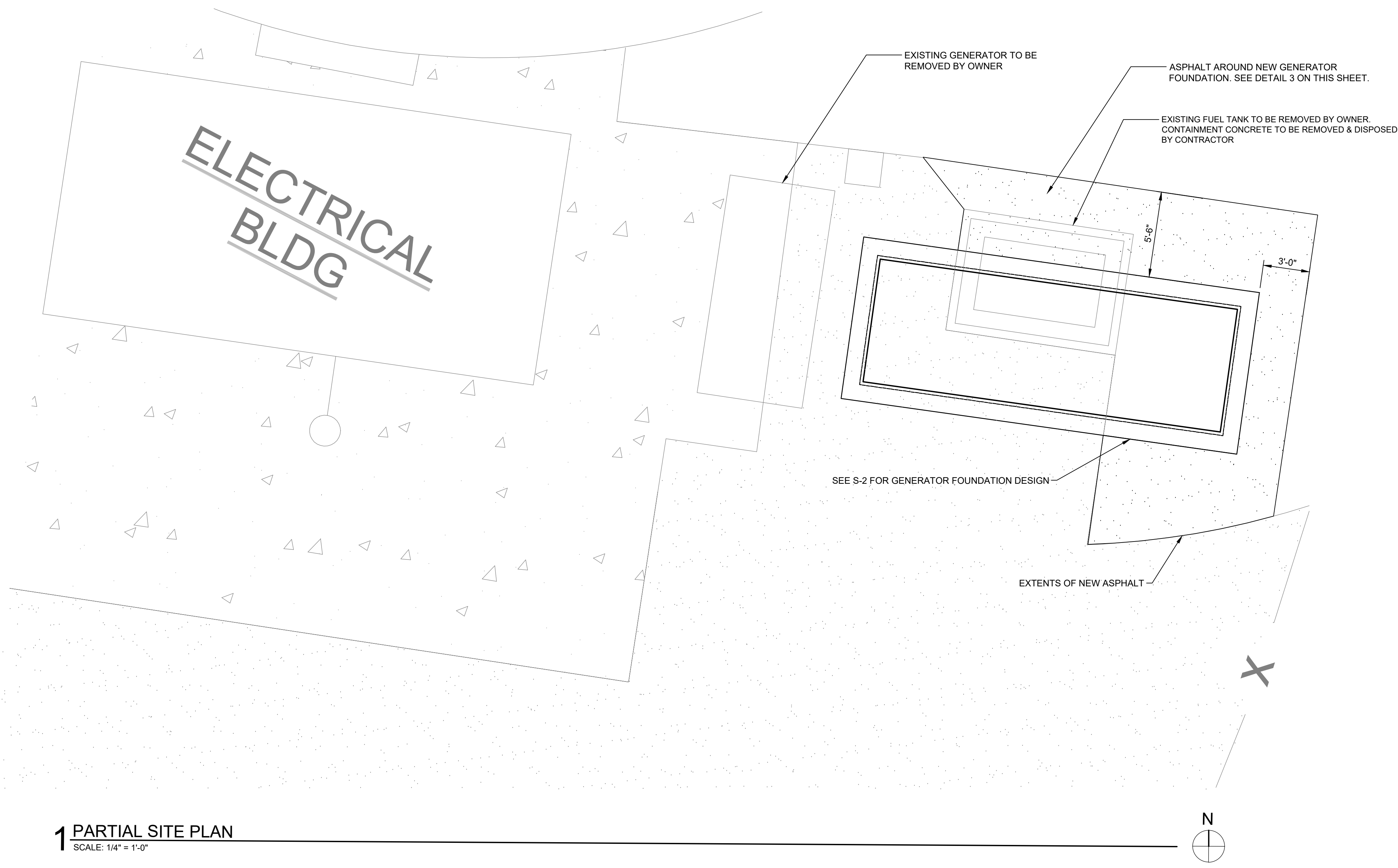
Construction Drawings
HDR Project No.
00000000211869
SEPTEMBER 2020

SHEET INDEX	
DRAWING NUMBER	TITLE
GENERAL	
G-01	COVER AND SHEET INDEX
CIVIL	
C-01	OVERALL SITE PLAN
STRUCTURAL	
S-01	STRUCTURAL INDEX, LEGENDS, AND SPECS
S-02	FOUNDATION PLAN AND DETAILS
S-03	CONCRETE - TYP DETAILS



GENERAL NOTES:

1. SUBGRADE AND PAVING: PAVED AREA BASE SHALL BE CRUSHED AGGREGATES PER ISPCW SECTION 802. PLANT MIX AGGREGATES FOR CLASS III PER ISPCW SECTION 803. ASPHALT SHALL BE PER ISPCW SECTION 805. PLANT MIX PAVEMENT SHALL BE FOR A CLASS III MIX PER ISPCW SECTION 810. MEASUREMENT AND PAYMENT FOR AGGREGATES AND ASPHALT SHALL BE LUMP SUM AND INCLUDED IN THE OVERALL PROJECT PRICE.



NOTE:
BASE COURSE GRAVEL SHALL CONSIST OF A MINIMUM OF 10 INCHES OF SUB-BASE COURSE MATERIAL AND A MINIMUM OF 2 INCHES OF CRUSHED SURFACE BASE COURSE MATERIAL AS SPECIFIED. SEE GENERAL NOTE 1.

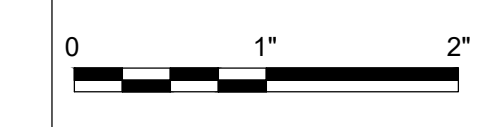


ISSUE	DATE	DESCRIPTION
	9/8/2020	ISSUED FOR BID

PROJECT MANAGER	BRAD BJERKE
STRUCTURAL	DAN FRIESEN
PROJECT NUMBER	19HDR24



GENERATOR REPLACEMENT



SITE PLAN

FILENAME
SCALE

STRUCTURAL SPECIFICATIONS

PART 1 - GENERAL NOTES

- 1.1 GENERAL NOTES
A. ALL GENERAL NOTES APPLY, UNLESS OTHERWISE NOTED ON DRAWINGS OR SPECIFICATIONS.
B. ORDER OF PRECEDENCE: DRAWINGS GOVERN OVER NOTES, NOTES ON THE INDIVIDUAL DRAWINGS GOVERN OVER THESE GENERAL NOTES...
1.2 SCOPE OF WORK
A. THE SEALED STRUCTURAL DRAWINGS AND PROJECT SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE.
1.3 CODE COMPLIANCE
A. ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST RULES, CODES, AND REGULATIONS IN THE STATE OF THE PROJECT...
1.4 LICENSE FEES AND PERMITS
A. THE CONTRACTOR SHALL ARRANGE FOR REQUIRED INSPECTIONS AND PAY ALL LICENSE, PERMIT AND INSPECTION FEES...
1.5 CONDITIONS AT SITE
A. VISIT TO SITE IS REQUIRED OF ALL BIDDERS PRIOR TO SUBMISSION OF BID...
1.6 SAFETY
A. CONTRACTOR TO PROVIDE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AS REQUIRED.
1.7 GUARANTEE
A. GUARANTEE THE INSTALLATION, FREE FROM DEFECTS OF WORKMANSHIP AND MATERIALS...
1.8 DEFERRED AND SHOP DRAWING SUBMITTALS
A. CONTRACTOR SHALL SUBMIT AN ELECTRONIC PDF FILE OF SHOP DRAWING SUBMITTALS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING, FABRICATING OR INSTALLING...

- 1.9 WORKMANSHIP
A. ONLY QUALITY WORK WILL BE ACCEPTED. HAZARDOUS OR POOR INSTALLATION PRACTICE WILL BE CAUSE FOR REJECTION OF WORK.
1.10 COORDINATION
A. THE CONSTRUCTION DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION.
B. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING ELEVATIONS SHOWN ON THESE DRAWINGS PRIOR TO CONSTRUCTION, DO NOT SCALE PLANS.
C. CONTRACTOR TO REPORT IN WRITING ANY OMISSIONS AND/OR DISCREPANCIES ON DRAWINGS AND/OR SPECIFICATIONS TO THE ARCHITECT PRIOR TO PROCEEDING.
D. REFER TO ARCHITECTURAL PLANS FOR FINISH FLOOR ELEVATIONS, FLOOR DEPRESSIONS, CHIMNEYS, SLOPES, DRAINS, CURBS, PADS, EMBEDDED ITEMS, NON-BEARING PARTITIONS, STAIR HANGERS, ETC. COORDINATE THESE ITEMS WITH STRUCTURAL WORK.
E. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SLEEVES, OPENINGS, HANGERS FOR PIPES, DUCTS, AND EQUIPMENT. COORDINATE THESE ITEMS WITH STRUCTURAL WORK.

- 1.11 MISC.
A. DO NOT SCALE THE DRAWINGS.
B. TYPICAL DETAILS AND SCHEDULES INDICATED MAY NOT BE SPECIFICALLY REFERENCED ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES. IF LOCATIONS ARE FOUND WHERE NO TYPICAL DETAIL, TYPICAL SCHEDULE, OR SPECIFIC DETAIL APPLIES, NOTIFY THE ENGINEER.

PART 2 - MATERIALS AND DESIGN CRITERIA

- 2.1 DESIGN LOADING CRITERIA
A. APPLICABLE BUILDING CODES:
I. 2015 INTERNATIONAL BUILDING CODE (IBC); REFERENCED IN DRAWINGS AS "ADOPTED BUILDING CODE"
II. ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES
B. RISK CATEGORY: III
C. DEAD LOADS: SELF WEIGHT OF THE STRUCTURE AND EQUIPMENT
D. SNOW LOAD DATA
I. SNOW IMPORTANCE FACTOR = 1.1
II. THERMAL FACTOR = 1.1
III. SNOW EXPOSURE FACTOR, Ce = 1.0
IV. GROUND SNOW LOAD, Pg = 130 PSF
V. DRIFTING, SLIDING AND UNBALANCED SNOW LOADS: IN ACCORDANCE WITH ASCE 7
E. WIND LOAD DATA
I. WIND EXPOSURE CATEGORY = B
II. ULTIMATE DESIGN WIND SPEED: Vult = 120 MPH, 3 SECOND GUST
III. NOMINAL DESIGN WIND SPEED: Vdes = 93 MPH, 3 SECOND GUST
F. EARTHQUAKE DESIGN DATA
I. COMPONENT IMPORTANCE FACTOR = 1.5
II. SEISMIC DESIGN CATEGORY = C
III. SITE CLASS = C
IV. SPECTRAL RESPONSE ACCELERATION:
a. SHORT PERIOD, Ss = 0.428g
b. 1 SECOND PERIOD, S1 = 0.133g
V. DESIGN SPECTRAL RESPONSE ACCELERATION:
a. SHORT PERIOD, Sds = 0.343g
b. 1 SECOND PERIOD, Sd1 = 0.148g
VI. ANALYSIS PROCEDURE USED = SEISMIC DESIGN FOR NON-STRUCTURAL COMPONENTS

- 2.2 SOILS AND FOUNDATIONS
A. CODE COMPLIANCE
I. THE FOUNDATIONS SHALL CONFORM TO ADOPTED BUILDING CODE CHAPTER FOR "SOILS AND FOUNDATIONS".
B. DESIGN SOIL VALUES: THE STRUCTURAL DESIGN IS BASED ON OWNER-ACCEPTED MINIMUM CODE REQUIREMENTS.
I. SOIL BEARING PRESSURE (DL+LL) = 1500 PSF (ONE THIRD INCREASE FOR WIND AND SEISMIC LOADING MAY BE APPLIED)
II. PASSIVE LATERAL PRESSURE = 250 PCF
III. ACTIVE LATERAL PRESSURE (UN-CONSTRAINED) = 35 PCF
IV. AT-REST LATERAL PRESSURE - (CONSTRAINED) = 50 PCF
V. COEFFICIENT OF SLIDING FRICTION = 0.35
VI. MINIMUM FOOTING EMBEDMENT BELOW LOWEST ADJACENT GRADE = 36"
VII. SULFATE EXPOSURE - NOT PROVIDED
C. SITE PREPARATION
I. GROUND SURFACE UNDERLYING ALL FILLS SHALL BE SCARIFIED TO A DEPTH OF 8" MINIMUM TO REMOVE ALL ORGANIC MATTER, THEN RE-COMPACTED TO 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY PER ASTM D698. CONTRACTOR SHALL PREPARE SITE BASED ON THE REQUIREMENTS LISTED HEREIN, MINIMUM, UNLESS NOTED OTHERWISE OR UNLESS OTHERWISE DETERMINED BY A GEOTECHNICAL ENGINEER HAVING PERFORMED PROPER INVESTIGATION OF THIS SITE. CONTRACTOR SHALL REMOVE ALL ABANDONED UTILITIES, FOOTINGS, AND ALL OTHER BURIED OBJECTS.
II. CONTRACTOR SHALL PROVIDE PROPER DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER SEEPAGE, ETC.
III. EXCAVATION FOR ANY PURPOSE SHALL NOT REDUCE LATERAL SUPPORT FROM ANY EXISTING FOUNDATION OR ADJACENT EXISTING FOUNDATION DETRIMENTAL LATERAL OR VERTICAL MOVEMENT, OR BOTH.
IV. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. BACKFILL SHALL BE COMPOSED OF MINUS 3" MATERIAL & MECHANICALLY COMPACTED IN LAYERS, NO GREATER THAN 12" THICK AND COMPACTED TO 98% STANDARD PROCTOR PER ASTM D698 IN A MANNER THAT DOES NOT DAMAGE THE FOUNDATION, WATERPROOFING, OR DAMP PROOFING MATERIAL. FLOODING WILL NOT BE PERMITTED.
V. CONTRACTOR TO EVALUATE THEIR METHODS OF CONSTRUCTION FOR IMPACTS TO ADJOINING PROPERTIES TO INCLUDE BUT NOT LIMITED TO VIBRATIONS AND SETTLEMENT FROM DRIVEN PILES, WILD-LIFE AND NATURE RESERVES, AND ETC.

- 2.2 SOILS AND FOUNDATIONS (CONT)
D. SITE CONTROL DURING CONSTRUCTION
I. CONTRACTOR SHALL PROVIDE ADEQUATE SHORING AND CRIBBING AS NEEDED AT ALL EXCAVATIONS, EARTH BANKS, AND EXISTING STRUCTURES.
II. CONTRACTOR SHALL KEEP SOIL WITHIN 2% OF OPTIMUM MOISTURE AT MAXIMUM DENSITY AS DETERMINED BY THE MOISTURE DENSITY CURVE OBTAINED.
III. CONTRACTOR SHALL PROVIDE PROPER SITE DRAINAGE AND DEWATERING OF SITE AND EXCAVATIONS. ALL EXCAVATIONS WITHIN BUILDING PERIMETER SHALL BE PROPERLY BACKFILLED AND COMPACTED TO MEET THE REQUIREMENTS OUTLINED HEREIN, MINIMUM.
E. GEOTECHNICAL INSPECTION
I. THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE SITE PREPARATION AND FOOTING EXCAVATIONS BEFORE CONCRETE OR REINFORCING IS PLACED.
II. THE GEOTECHNICAL ENGINEER SHALL CONDUCT ANY ADDITIONAL INSPECTIONS AS REQUIRED IN THE GEOTECHNICAL REPORT OR PER LOCAL BUILDING DEPARTMENT.
F. SLAB ON GRADE AND FOUNDATIONS
I. ALL FOUNDATIONS SHALL BEAR ON COMPETENT NATIVE SOIL OR STRUCTURAL COMPACTED FILL AS DESCRIBED HEREIN. ALL SLABS ON GRADES SHALL BEAR ON A 4" THICK DRAINAGE COURSE OF MINUS 3/4" MATERIAL, GRADED FOR COMPACTION, WITH < 10% PASSING THE #200 SIEVE, COMPACTED TO 95% STANDARD PROCTOR PER ASTM D698.

- 2.3 CONCRETE
A. GENERAL
I. CONCRETE SHALL CONFORM TO ADOPTED BUILDING CODE CHAPTER FOR "CONCRETE" AND THE FOLLOWING:
a. ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
II. CONCRETE MIXING OPERATIONS SHALL BE IN ACCORDANCE WITH ASTM C94.
III. 28 DAY CONCRETE STRENGTHS AND W/C RATIOS, SEE DETAILS.
B. CEMENT
I. PORTLAND CEMENT SHALL CONFORM TO ASTM C150 TYPE I OR II.
II. SULFATES ARE IN SOIL, PER GEOTECHNICAL REPORT, USE ASTM C150 TYPE V CEMENT WITH MINIMUM CONCRETE STRENGTH OF 4,500 PSI AND MAXIMUM WATER CEMENT RATIO OF 0.45.
III. DO NOT USE CONCRETE OR GROUT CONTAINING CHLORIDES.
C. AGGREGATE
I. NORMAL WEIGHT CONCRETE AGGREGATE SHALL CONFORM TO ASTM C33 AND PROJECT SPECIFICATIONS.
II. PROVIDE 3/4" MAXIMUM AGGREGATE SIZE, UNO.
D. CEMENTITIOUS MATERIALS
I. CEMENTITIOUS MATERIALS SUCH AS FLY ASH, SLAG, SILICA FUME, AND OTHER POZZOLANS, MAY BE USED AS AN ALTERNATIVE TO PORTLAND CEMENT. THE AMOUNT OF CEMENTITIOUS MATERIALS USED SHALL BE ADEQUATE FOR CONCRETE TO SATISFY THE SPECIFIC REQUIREMENTS FOR STRENGTH, W/CM, DURABILITY, AND FINISHABILITY, UNLESS NOTED OTHERWISE BELOW. CEMENTITIOUS MATERIAL SHALL BE IN ACCORDANCE WITH ACI 301-10, SECTION 4.2
a. IF FLY ASH IS USED, THE MAXIMUM AMOUNT SHALL BE 25% BY WEIGHT OF TOTAL CEMENTITIOUS MATERIALS.
b. CONCRETE EXPOSED TO FREEZE-THAW CYCLES AND WHERE EXPOSURE TO DEICING CHEMICALS IS ANTICIPATED SHALL HAVE CEMENTITIOUS MATERIAL AMOUNTS LIMITED TO ACI 318.

- E. ENTRAINED AIR
I. CONCRETE SHALL HAVE 6% (+/- 1.5%) OF ENTRAINED AIR.
II. SPECIFIED AIR ENTRAINMENT PERCENTAGE SHALL BE ACHIEVED AT TIME CONCRETE IS DELIVERED ON SITE.
F. SLUMP
I. SLUMP OF CONCRETE MIXTURE BEFORE ADDING ADMIXTURES SHALL BE 4" (+/- 1)".
G. CONSTRUCTION EXECUTION
I. CONTRACTOR TO NOTIFY ENGINEER 48 HOURS PRIOR TO PLACEMENT OF CONCRETE.
II. THE TEMPERATURE OF CONCRETE MUST REMAIN ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR 7 DAYS AFTER CONCRETE PLACEMENT, UNLESS OTHERWISE ACCEPTED BY ENGINEER/ARCHITECT. ADDITIONAL TESTING FOR CONDITIONS LESS THAN 50 DEGREES FAHRENHEIT INCLUDE HAVING 2 ADDITIONAL CYLINDERS POURED AND FIELD CURED PRIOR TO CONCRETE PLACEMENT.
III. COLD WEATHER PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 318 AND ACI 306R - "GUIDE TO COLD WEATHER CONCRETING"
IV. HOT WEATHER PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 318 AND 306R - "HOT WEATHER CONCRETING".
V. PROVIDE 3/4" CHAMFER ON ALL PROJECTED CONCRETE CORNERS OF COLUMNS, BEAMS, AND WALLS; UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS OR SPECIFICATIONS.
VI. CONCRETE CLEAR COVER OVER REINFORCING BARS AND ANCHOR BOLTS SHALL BE IN ACCORDANCE WITH THE ACI.
VII. THE MODULUS OF ELASTICITY SHALL BE TESTED IN ACCORDANCE WITH ASTM C469 AND BE EQUAL TO OR GREATER THAN THE VALUE GIVEN BY THE EQUATIONS IN ACI 318 FOR THE SPECIFIED 28 DAY COMPRESSIVE STRENGTH.
VIII. THE PLACEMENT OF CONCRETE SHALL CONFORM TO ACI STANDARD 304 AND PROJECT SPECIFICATIONS. CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED, LAITANCE REMOVED, AND STANDING WATER REMOVED BEFORE PLACING NEW CONCRETE.
IX. ANCHOR BOLTS IN CONCRETE SHALL BE ASTM F1554 - GR 36, UNO.

- H. REINFORCING, EMBEDS, PIPES, WATERSTOPS AND INSERTS
I. ALL EMBEDS, REINFORCING BARS, ANCHOR BOLTS, WATERSTOPS AND CONCRETE INSERTS MUST BE SECURELY IN PLACE PRIOR TO CONCRETE PLACEMENT.
II. MAT SLABS DO NOT REQUIRE SLEEVES AT LOCATIONS WHERE ELECTRICAL CONDUITS PASS THROUGH UNLESS OTHERWISE NOTED ON ELECTRICAL DRAWINGS OR IN SPECIFICATION.
III. IF SLEEVES ARE USED, THE SLEEVES MUST BE POSITIONED BEFORE CONCRETE IS POURED, CORING OPENINGS THROUGH CONCRETE IS NOT PERMITTED. DO NOT CUT REINFORCING BARS THAT MAY INTERFERE WITH SLEEVES.
IV. MAT SLAB SHALL NOT HAVE ELECTRICAL CONDUITS RUNNING CONTINUOUS WITHIN THE SLAB THICKNESS OR DIRECTLY BELOW THE SLAB.
V. NO ELECTRICAL CONDUIT TO BE INSTALLED PARALLEL IN SLAB WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

- 2.3 CONCRETE (CONT)
I. SUBMITTALS AND SHOP DRAWINGS
I. CONCRETE MIX DESIGNS:
a. CONCRETE MIX DESIGNS SHALL BE FULLY DOCUMENTED AND REVIEWED BY QUALIFIED TESTING LABORATORY AND WET STAMPED BY A LICENSED ENGINEER. THE SUBMITTED MIX TEST DATA SHALL BE IN ACCORDANCE WITH ACI 318.
II. CONCRETE JOINT PLACEMENT
a. THE PROPOSED LOCATIONS OF CONCRETE JOINTS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER BEFORE POURING OF CONCRETE. PLACE JOINTS AT LOCATIONS TO MINIMIZE CONCRETE CRACKING AND OTHER EFFECTS FOR CURING AND SHRINKAGE. JOINT LOCATIONS SHOWN ON DRAWINGS ARE A MINIMUM.
J. QUALITY ASSURANCE:
I. TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT AGENCY, ACCEPTABLE TO OWNER AND AUTHORITIES HAVING JURISDICTION, QUALIFIED ACCORDING TO ASTM C1077 AND ASTM E329 FOR TESTING INDICATED.
a. PERSONNEL PERFORMING LABORATORY TESTS SHALL BE ACI-CERTIFIED CONCRETE STRENGTH TESTING TECHNICIAN AND CONCRETE LABORATORY TESTING TECHNICIAN - GRADE I.
II. SOURCE LIMITATIONS: OBTAIN EACH TYPE OR CLASS OF CEMENTITIOUS MATERIAL OF THE SAME BRAND FROM THE SAME MANUFACTURER'S PLANT, OBTAIN AGGREGATE FROM SINGLE SOURCE, AND OBTAIN ADMIXTURES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
III. ACI PUBLICATIONS: COMPLY WITH THE FOLLOWING UNLESS MODIFIED BY REQUIREMENTS IN THE CONTRACT DOCUMENTS:
a. ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE," SECTIONS 1 THROUGH 5.
b. ACI 117, "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS."
c. ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
IV. COMPLY WITH THE CONCRETE REINFORCING INSTITUTE "MANUAL OF STANDARD PRACTICE."

- 2.4 REINFORCING STEEL BAR
A. GENERAL
I. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE SPECIFICATIONS.
B. REINFORCING STEEL
I. DEFORMED BARS SHALL BE ASTM A615 - GRADE 60.
C. CONSTRUCTION EXECUTION
I. FOR REINFORCING PLACEMENT, LAP LENGTH, AND ADDITIONAL INFORMATION SEE CONCRETE TYPICAL DETAIL SHEETS.
II. FIELD BENDING OR STRAIGHTENING OF BARS SIZES 3 THROUGH 5 MAY BE FIELD BENT COLD THE FIRST TIME. OTHER BARS REQUIRE PREHEATING. DO NOT TWIST BARS.
III. BARS SHALL NOT BE WELDED.
D. SUBMITTALS AND SHOP DRAWINGS
I. REINFORCING STEEL SHOPS
a. REINFORCING STEEL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
b. PLACING DRAWINGS THAT DETAIL FABRICATION, BENDING, AND PLACEMENT. INCLUDE BAR SIZES, LENGTHS, MATERIAL, GRADE, BAR SCHEDULES, STIRRUP SPACING, BENT BAR DIAGRAMS, BAR ARRANGEMENT, SPLICES AND LAPS, MECHANICAL CONNECTIONS, THE SPACING, HOOP SPACING, AND SUPPORTS FOR CONCRETE REINFORCEMENT. PROVIDE ELEVATIONS IN WALLS AS APPLICABLE.

PART 3 - EXECUTION

- 3.1 GENERAL NOTES
A. THE METHODS, PROCEDURES, AND SEQUENCE OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR.
B. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
C. THE CONTRACTOR SHALL EMPLOY A LICENSED STRUCTURAL ENGINEER FOR DESIGN OF TEMPORARY SHORING AND BRACING.
D. THE CONTRACTOR SHALL TAKE THE RESPONSIBILITY TO PROVIDE SUPERVISION OF THE CONSTRUCTION TO INSURE COMPLIANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
E. PER THE ADOPTED BUILDING CODE SECTION 1704.4, EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND-FORCE-RESISTING OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

- 3.2 DEMOLITION
A. THE CONTRACTOR MAY REMOVE EXISTING CONSTRUCTION AND REPLACE WITH THE APPROVAL OF THE LOCAL BUILDING DEPARTMENT AND ARCHITECT/ STRUCTURAL ENGINEER.
B. THE EXTENT OF THE DEMOLITION MAY OR MAY NOT BE SHOWN IN THESE CONSTRUCTION DOCUMENTS. THE CONSULTANTS SHALL NOT BE BACK CHARGED OR RESPONSIBLE FOR SHOWING OR NOT SHOWING THE ENTIRE EXTENT OF DEMOLITION.
C. THE CONTRACTOR SHALL TAKE THE RESPONSIBILITY TO INSURE THE REMOVAL OF THE EXISTING STRUCTURE AND PROVIDE THE ARCHITECT/ STRUCTURAL ENGINEER WITH METHODS, PROCEDURES AND SEQUENCE PLAN.

- 3.3 SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS
A. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE BUILDING OFFICIAL, REGISTERED SPECIAL INSPECTOR, AND/OR REGISTERED LICENSED ENGINEER FOR ALL SPECIAL INSPECTIONS OR TESTING REQUIRED IN THIS SECTION.
B. CONTRACTOR SHALL SUBMIT ALL SPECIAL INSPECTION REPORTS TO STRUCTURAL ENGINEER OF RECORD WITHIN 14 DAYS OF EACH REPORT BEING COMPLETED.

SHEET INDEX

Table with columns: SHEET NUMBER, SHEET TITLE, ORIGINAL DATE, REVISION NUMBER, REVISION DATE. Rows include S-01 STRUCTURAL INDEX, LEGENDS, AND SPECIFICATIONS, S-02 FOUNDATION PLAN AND DETAILS, S-03 CONCRETE - TYP DETAILS.

ABBREVIATIONS

Table with columns: ACRONYM, FULL NAME, MEANING. Includes ACI (AMERICAN CONCRETE INSTITUTE), ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS), CLR (CLEAR), CONC (CONCRETE), CONST (CONSTRUCTION), CONT (CONTINUOUS), DIA (DIAMETER), DWG (DRAWING), EL (SEISMIC LOAD), ELEC (ELECTRIC OR ELECTRICAL), ELEV (ELEVATION OR ELEVATOR), ENGR (ENGINEER), EOR (ENGINEER OF RECORD), EQ (EQUAL), EXIST (EXISTING), EXT (EXTERIOR), FG (FINISH GRADE), FTG (FOOTING), GA (GAGE OR GAUGE), GC (GENERAL CONTRACTOR), GEN (GENERAL (NOTES)), IBC (INTERNATIONAL BUILDING CODE), INT (INTERIOR), MANUF (MANUFACTURER), N (NORTH), NO or # (NUMBER), NTS (NOT TO SCALE), OC (ON CENTER), RAD (RADIUS), REF (REFERENCE), REINF (REINFORCE, REINFORCED, REINFORCEMENT OR REINFORCING), REQ'D (REQUIRED), SIM (SIMILAR), SOG (SLAB ON GRADE), SPECS (SPECIFICATIONS), SQ (SQUARE), STD (STANDARD), STRUCT (STRUCTURAL), SYM (SYMMETRICAL), TAB (TOP AND BOTTOM), THRU (THROUGH), TOC (TOP OF CONCRETE), TOF (TOP OF FOOTING), TRANS (TRANSVERSE), TYP (TYPICAL), UN (UNLESS NOTED), UNO (UNLESS NOTED OTHERWISE), VERT (VERTICAL), WL (WIND LOAD), WT (WEIGHT).

GENERAL NOTES

- GENERAL NOTES:
G1 CONTRACTOR SHALL FIELD VERIFY EXISTING STRUCTURAL CONDITIONS. IF ANY DISCREPANCY OCCURS BETWEEN EXISTING CONDITIONS AND PROPOSED ALTERATIONS, CONTRACTOR SHALL CONTACT STRUCTURAL ENGINEER BEFORE PERFORMING ALTERATION WORK.

LEGEND:

Legend symbols and descriptions: 1 SO.00 SECTION REFERENCE (NEW CONSTRUCTION), 1 SO.00 ELEVATION REFERENCE (EXISTING CONSTRUCTION OR PROVIDED BY OTHERS), 1 SO.00 GENERAL VIEW REFERENCE (CONCRETE, EARTH), 1 REVISION CLOUD AND NUMBER.

3.3 SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS (CONT)

- C. AN APPROVED AGENCY AS SET FORTH IN ADOPTED BUILDING CODE SECTION 1703 WITH THE APPROVAL OF THE BUILDING OFFICIAL MAY PERFORM SPECIAL INSPECTIONS.
D. PER THE ADOPTED BUILDING CODE SECTION 1704.6, A STRUCTURAL OBSERVATION IS NOT REQUIRED TO BE PERFORMED BY A REGISTERED DESIGN PROFESSIONAL.
E. WHERE SPECIAL INSPECTION OR TESTING IS REQUIRED BY ADOPTED BUILDING CODE SECTION 1704 AND 1705 (STRUCTURAL TESTS), 1705.12 (SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE), OR 1705.13 (STRUCTURAL TESTING FOR SEISMIC RESISTANCE), THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IS REQUIRED TO PREPARE A STATEMENT OF SPECIAL INSPECTION DESCRIBED IN THE FOLLOWING (ALL TABLES REFERENCED ARE FROM THE ADOPTED BUILDING CODE, UNO):
I. SOILS: REFER TO TABLE 1705.6
a. EXISTING SITE SOIL CONDITIONS
b. FILL PLACEMENT
c. LOAD-BEARING REQUIREMENTS
II. CONCRETE: CONCRETE IS DESIGNED BASED ON A 28-DAY COMPRESSIVE STRENGTH, fc = 2500 PSI, THEREFORE SPECIAL INSPECTIONS ARE NOT REQUIRED PER ADOPTED BUILDING CODE.

TABLE 1705.2.3 REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

Table with columns: TYPE, REQUIRED YES/NO, CONT, PERIODIC. Rows include 1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS, a. END CONNECTIONS - WELDING OR BOLTED, b. BRIDGING - HORIZONTAL OR DIAGONAL, i. STANDARD BRIDGING, ii. BRIDGING THAT DIFFERS FROM THE SJ SPECIFICATIONS LISTED IN SECTION 2207.1.

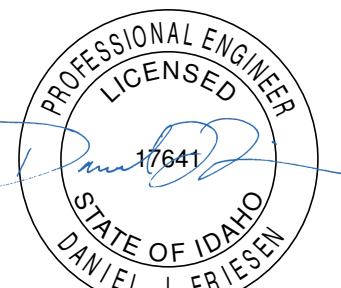
C:\DCAPPPS\Rev\2020\19HDR24AS2-STRUC_2020.dwg, 8/26/2020 11:59:23 PM



412 E. PARKCENTER BLVD BOISE, ID 83706 208.387.7000

Table with columns: ISSUE, DATE, DESCRIPTION. Row: 9/8/2020 ISSUED FOR BID

Table with columns: PROJECT MANAGER, STRUCTURAL, PROJECT NUMBER, 19HDR24

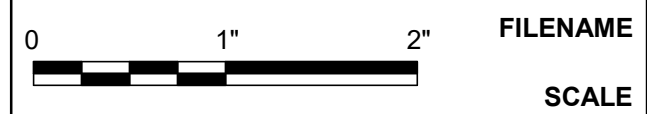


8/26/20



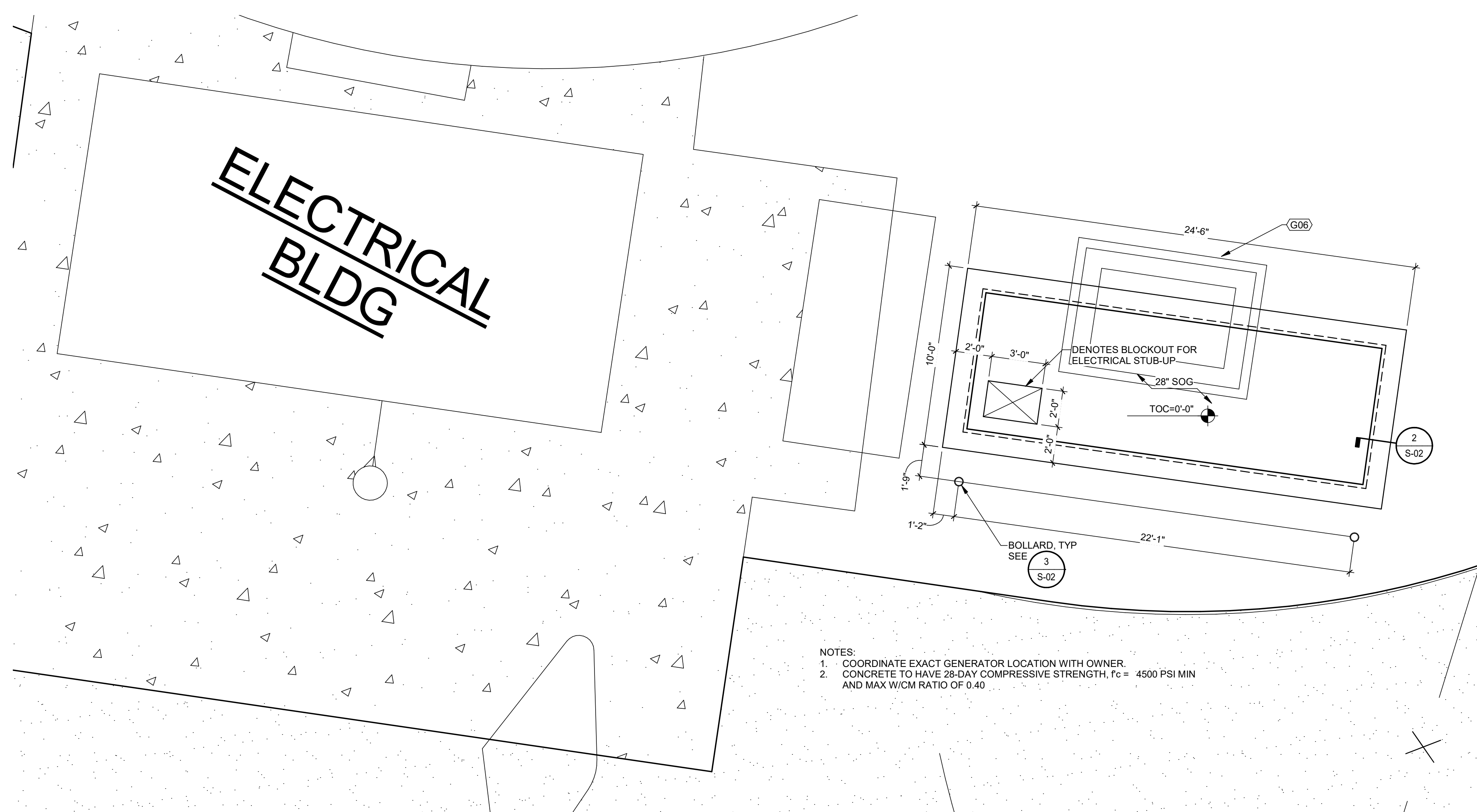
GENERATOR REPLACEMENT

STRUCTURAL INDEX, LEGENDS, AND SPECIFICATIONS



FILENAME SCALE

SHEET S-01



NOTES:
 1. COORDINATE EXACT GENERATOR LOCATION WITH OWNER.
 2. CONCRETE TO HAVE 28-DAY COMPRESSIVE STRENGTH, $f_c = 4500$ PSI MIN AND MAX W/CM RATIO OF 0.40

LEGEND

GENERAL
 DENOTES ELEMENT ELEVATION:
 (TOC) = TOP OF CONCRETE
 (TOF) = TOP OF FOOTING

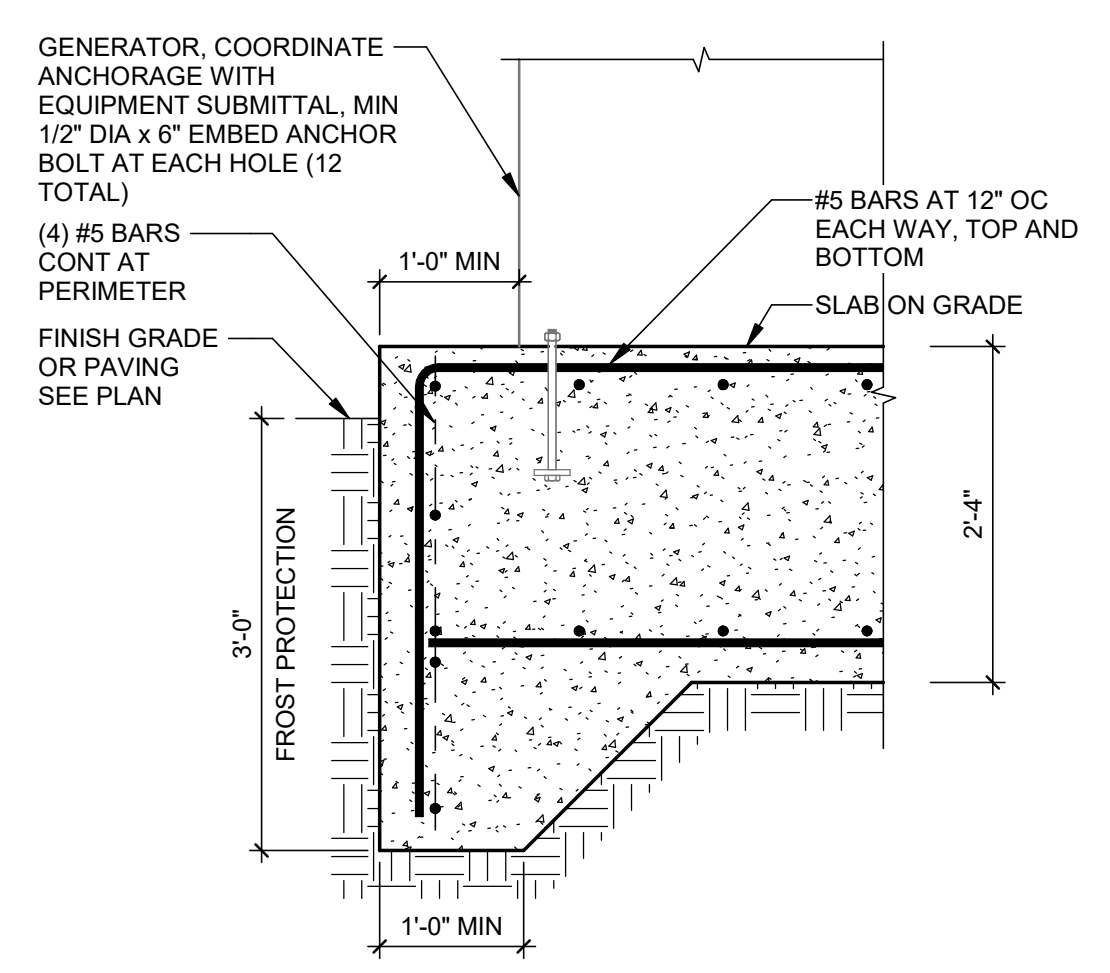
CONCRETE
 DESCRIBES DIMENSIONS (THICKNESS) (INCHES)
 DENOTES SLAB ON GRADE

KEYNOTE SYMBOL LEGEND:
 WA WHERE APPLICABLE
 DENOTES ELEMENT SIZE AND INFORMATION IS PROVIDED ON PLAN AND/OR APPLICABLE SCHEDULES.

KEYNOTES
 G06 FUEL TANK AND APPURTENANCES TO BE REMOVED BY OWNER. CONTRACTOR TO REMOVE EXISTING CONCRETE FUEL CONTAINMENT PAD.

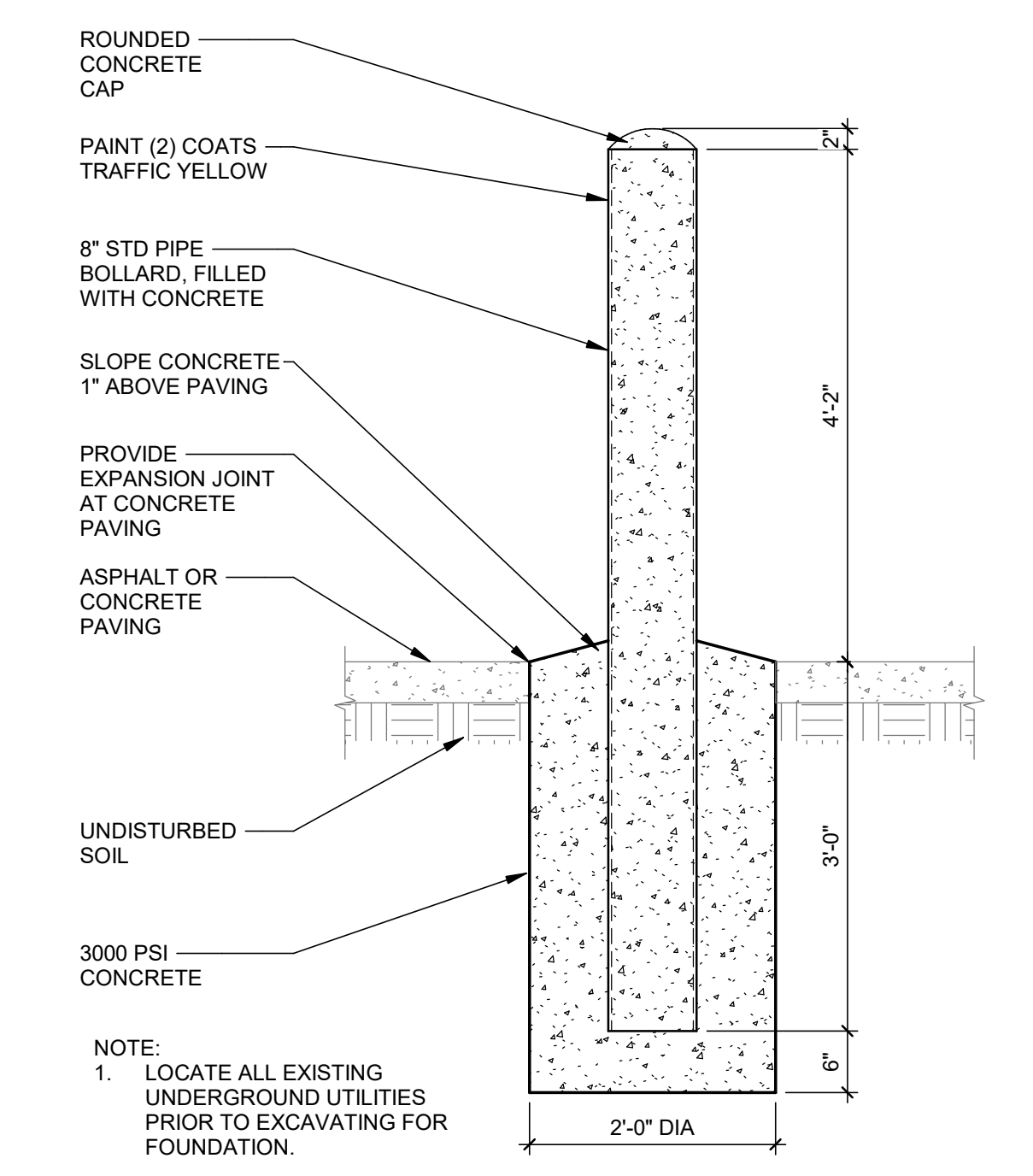
1 FOUNDATION PLAN

SCALE: 1/4" = 1'-0"



2 EDGE OF SLAB DETAIL

SCALE: NTS



3 BOLLARD DETAIL

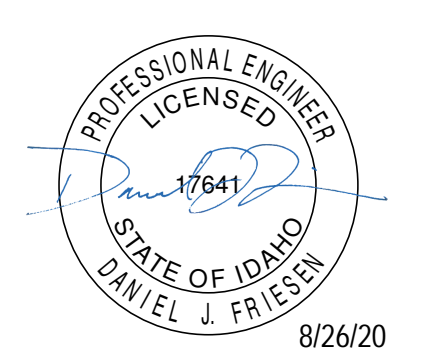
SCALE: NTS

C:\DC\PPS\Revit\2020\19HDR24AS2-STRUC_2020_dfrisen\DSZ44.rvt 8/26/2020 1:59:23 PM



ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	BRAD BJERKE
STRUCTURAL	DAN FRIESEN
PROJECT NUMBER	19HDR24

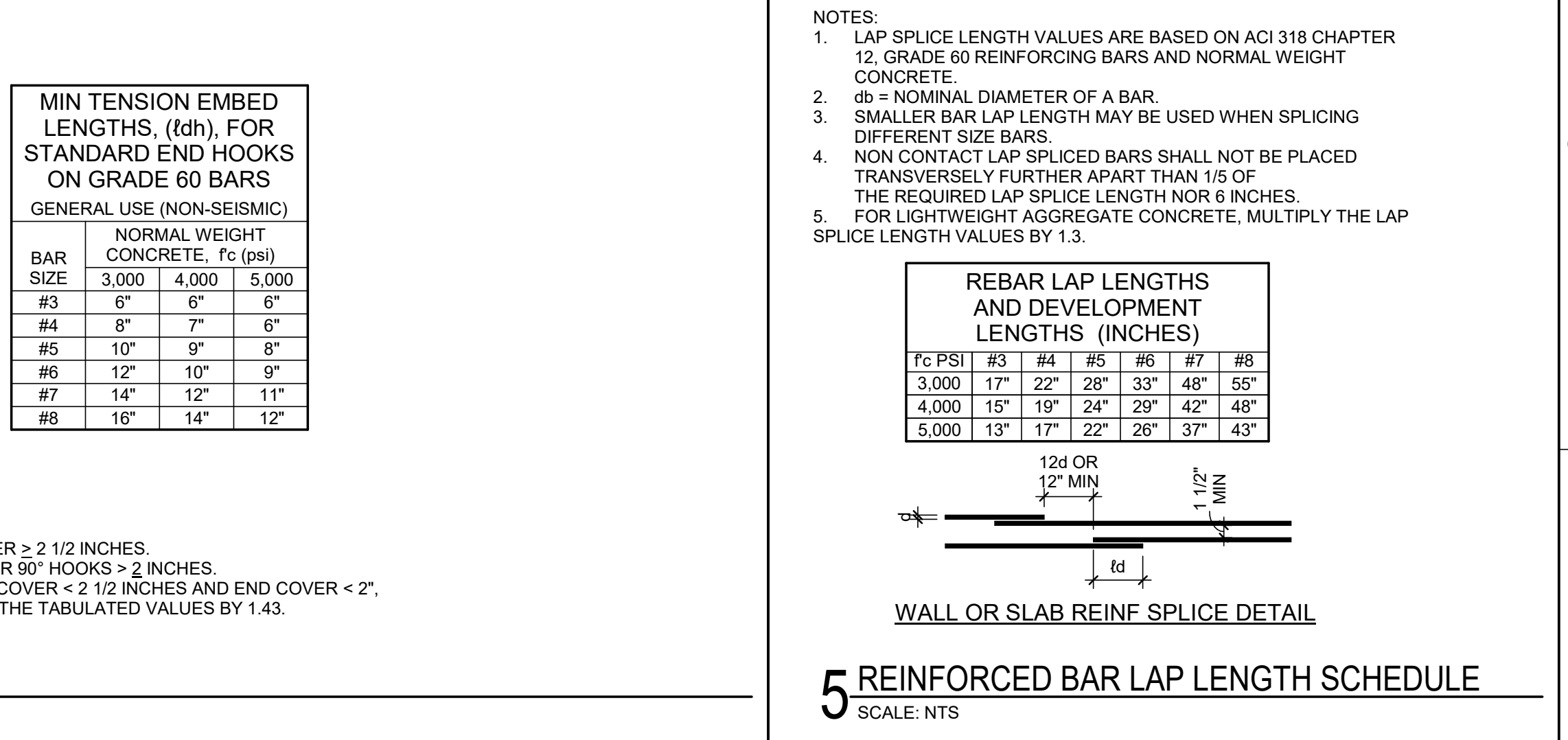
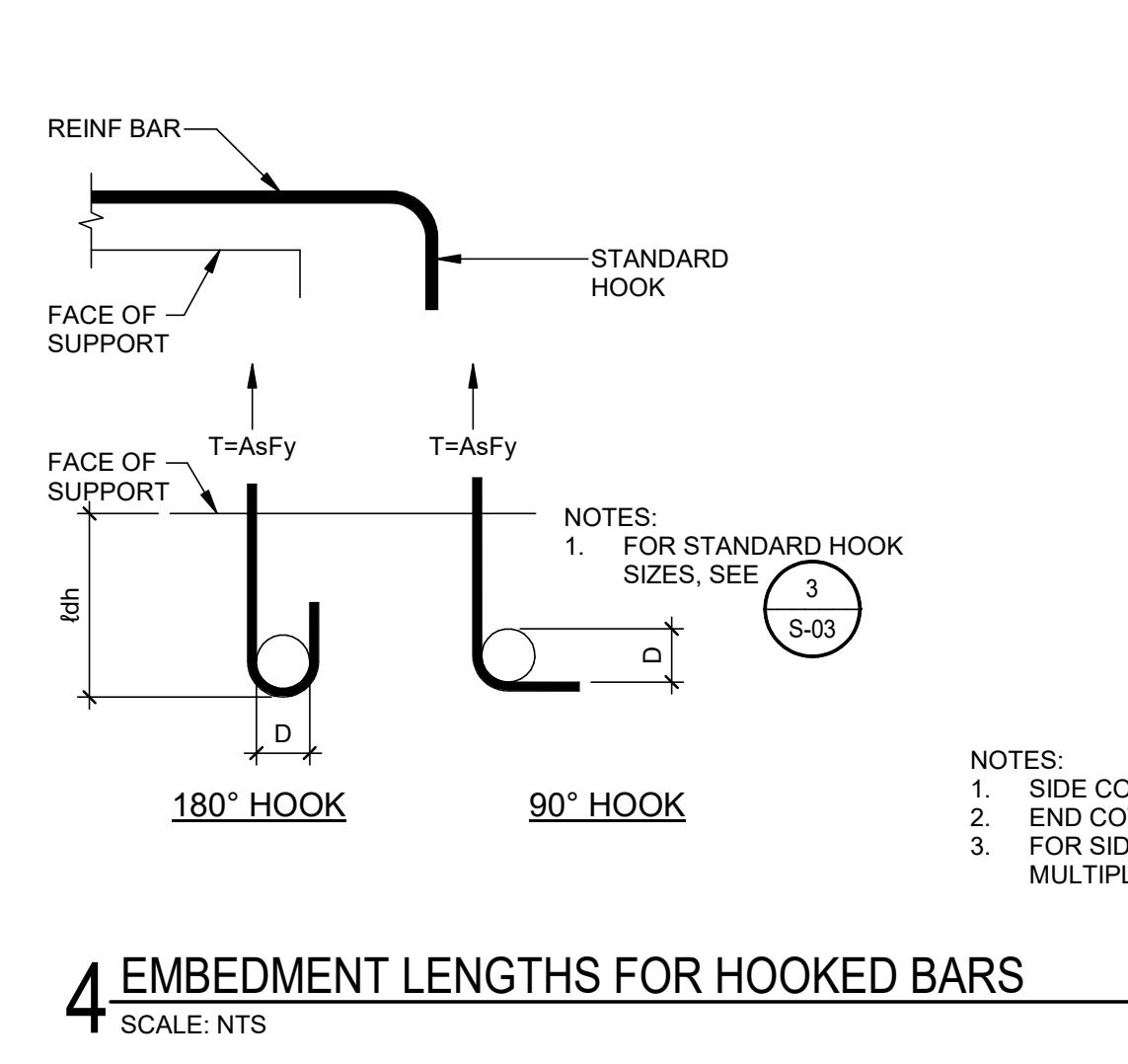
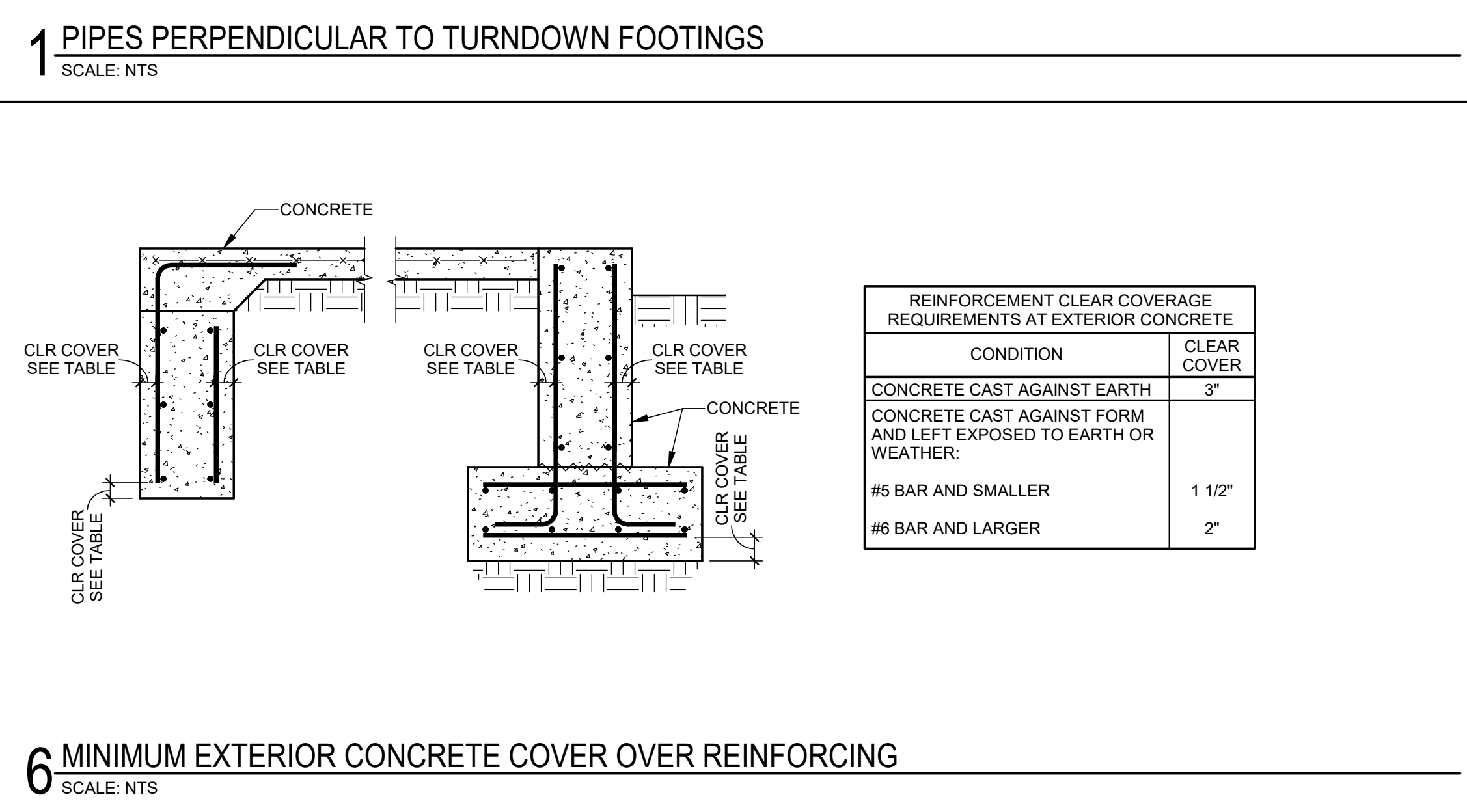
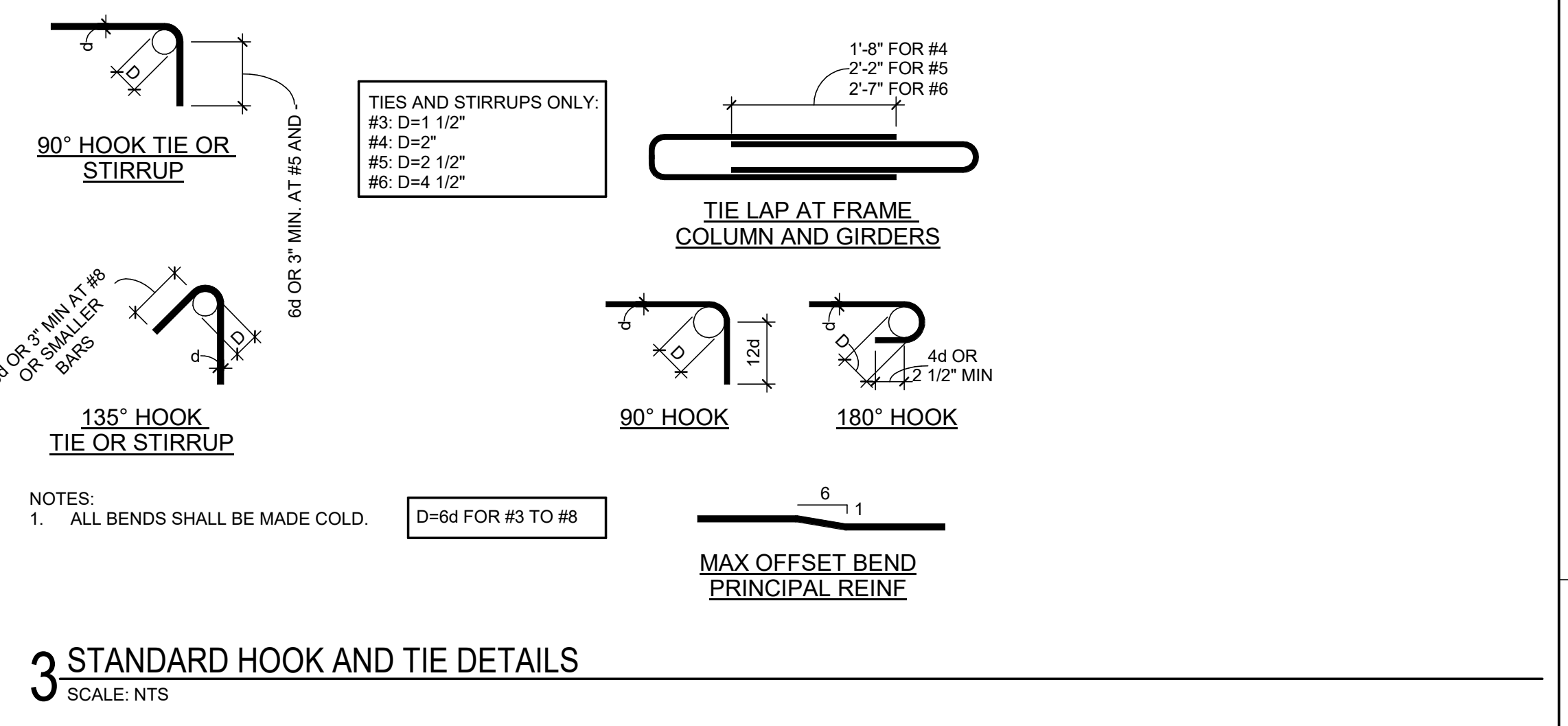
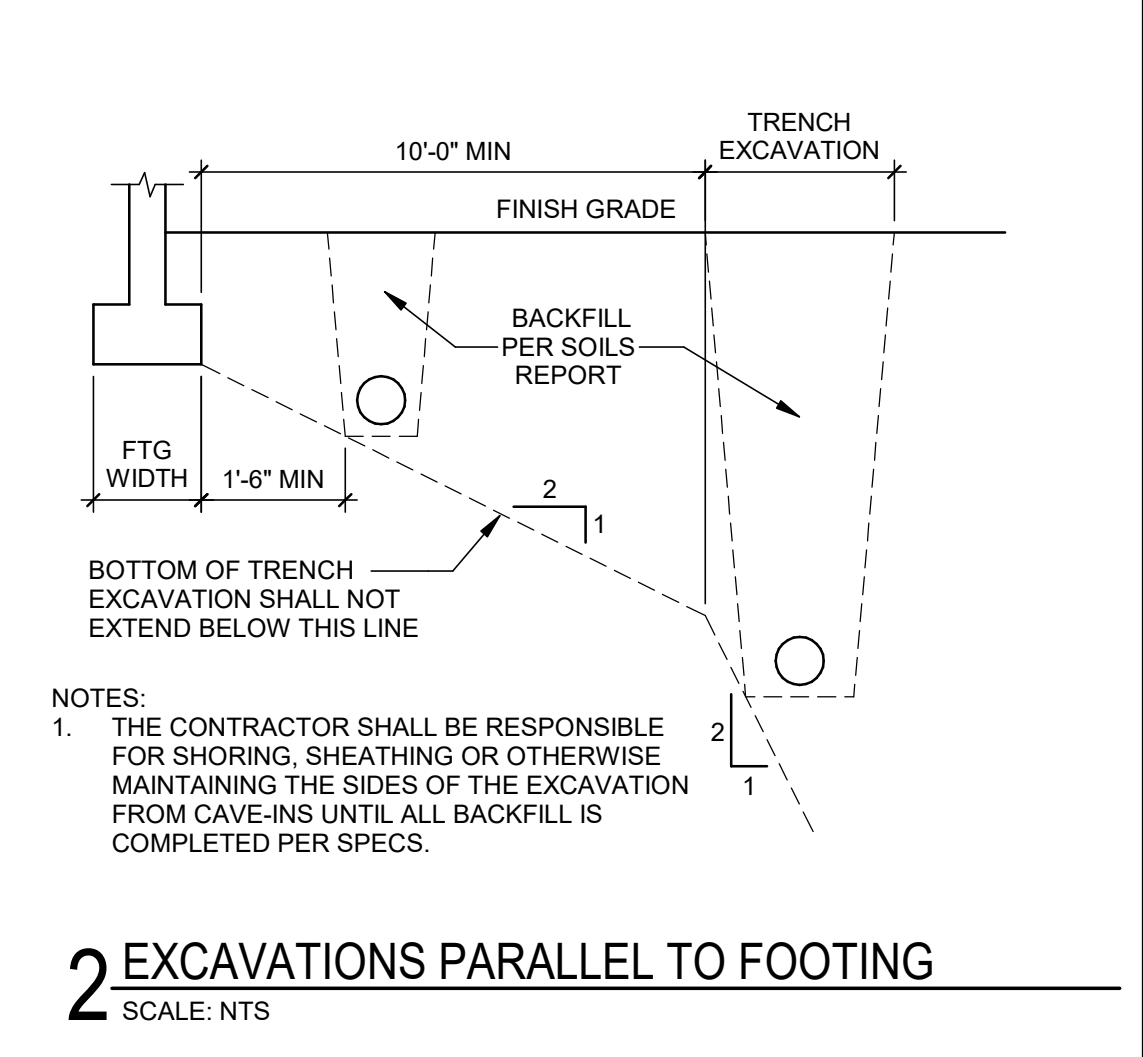
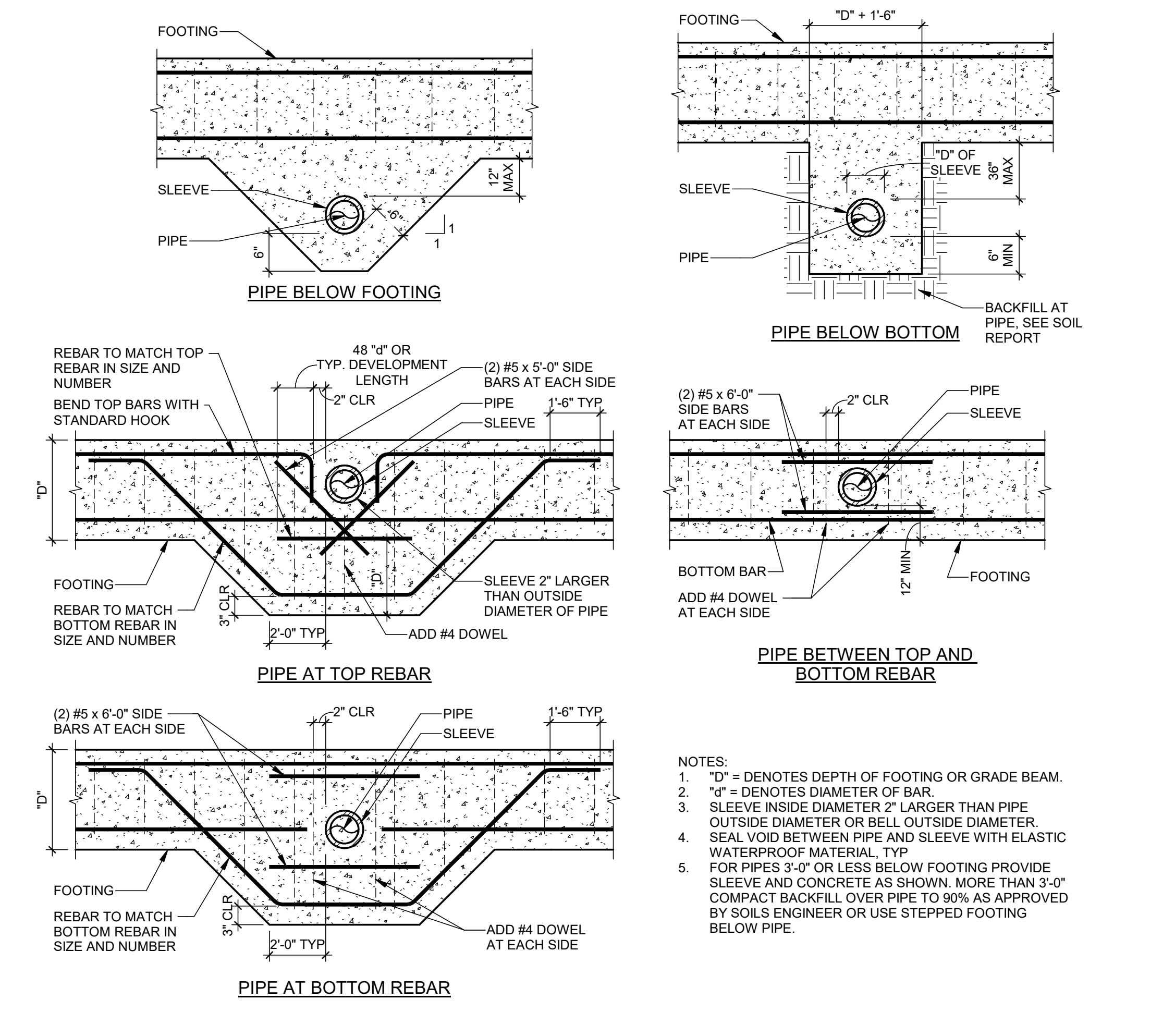


GENERATOR REPLACEMENT

FOUNDATION PLAN AND DETAILS

0 1" 2" **SCALE** As indicated

FILENAME: **SHEET S-02**

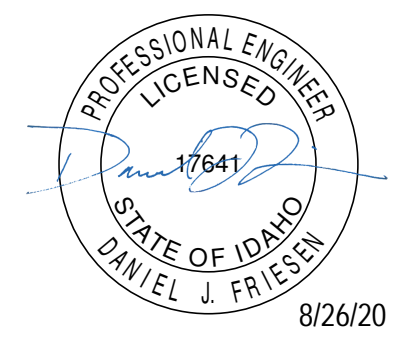


C:\DCAPP\PS\Rev\19HDR24AS2-STRUC_2020_dffriesenDSZ44.nt
8/26/2020 1:59:24 PM

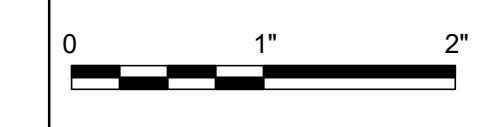


ISSUE	DATE	DESCRIPTION
	9/8/2020	ISSUED FOR BID

PROJECT MANAGER	
STRUCTURAL	DAN FRIESEN
PROJECT NUMBER	19HDR24



GENERATOR REPLACEMENT



FILENAME: SCALE: 3/4" = 1'-0"

SHEET S-03

CONCRETE - TYP DETAILS