CITY OF
WEST LAFAYETTE

Office of the City Engineer
609 West Navajo Street
West Lafayette, Indiana 47906
Phone: 765.775.5130
Fax: 765.775.5249

December 3, 2010

RE: Quotes for Stormwater Pollution Prevention Structures

The West Lafayette Street and Sanitation Department is requesting quotes for the construction of two structures located at the West Lafayette Street and Sanitation Department, 705 South River Road, West Lafayette, Indiana 47906. The enclosed Quote Sheet shall to be completed and submitted to the Office of the Clerk-Treasurer, 609 West Navajo Street, West Lafayette, Indiana 47906 in a sealed envelope by 4:00pm, Friday, December 17, 2010. The envelope should be marked on the outside with the following notation:

Stormwater Pollution Prevention Structures

Quotes will be opened publicly and reviewed at the Board of Public Works and Safety meeting in City Hall at 8:30, on Monday, December 20, 2010. The Office of the City Engineer plans to issue a purchase order for the lowest responsive, responsible quote.

The West Lafayette Street and Sanitation Department is exempt from Indiana sales tax.

Please contact Michael Thompson at (765) 775-5130 for any additional information.

Sincerely,

MTh

Michael Thompson, PE
Assistant City Engineer

Enclosure

Cc::

Request for Quote
Stormwater Pollution Prevention Structures

This request of quote is the official notice of needed materials and professional services by the West Lafayette Board of Public Works and Safety (the "Board").

Board is requesting quotes for the construction of two structures located at the West Lafayette Street and Sanitation Department.

The Contractor will be responsible for providing all items shown in the construction documents, plans and specifications. Details of the proposed work can be found in the enclosed plans and specifications.

The Contractor shall be responsible for the determination and notification of all affected utilities and for the coordination of all work with the utilities and the City of West Lafayette. Any required permits will be provided by the owner. The Contractor shall be responsible for the coordination of all work with the City of West Lafayette.

All work must conform to the attached Specifications and the City of West Lafayette Standards and Typical Construction Guidelines and Details (approved by the Board of Public Works and Safety on January 1, 2010).

The Contractor and all sub-contractors shall be bonded, insured and registered in the Office of the City Engineer. The Contractor shall also provide certificate of insurance to the Board and the City of West Lafayette per the attached Insurance Requirements.

Any questions concerning this Request for Quote should be directed to:

Michael Thompson
Assistant City Engineer
West Lafayette Engineering Department
(765) 775-5130
mthompson@westlafayette.in.gov

Purchase of Material and Professional Services for Stormwater Pollution Prevention Structures

QUOTE SHEET

Quotes will be taken under consideration for the issuance of a purchase order to the most responsive and responsible firm which provides a quote most advantageous for the board. Construction will be completed according to the schedule outlined in the project specifications.

The Total Quote amount should include the cost necessary to complete all work described by these documents.

THE TOTAL COST TO PROVIDE ALL MATERIAL, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE WORK; WORK MAY BEGIN UPON APPROVAL OF THE PROPOSED WORK SCHEDULE BY THE WEST LAFAYETTE OFFICE OF THE CITY ENGINEER, FOLLOWING THE ISSUANCE OF A PURCHASE ORDER, AND ALL WORK IS TO BE COMPLETED BY MAY 31, 2011.

Structure One $ _____

Structure Two $ _____

TOTAL LUMP SUM COST **$** _____

Alternate No. One $ _____
(6" concrete slab)

Receipt of Addendum (Numbers) _____

Contractor's Name: _____

Authorized Signature: _____

Date: _____ **Phone Number:** _____

Specifications

1.0 General Requirements:

A. It is the responsibility of each Bidder before submitting a bid to:
   i. Examine and carefully study the Quote Documents, including any Addenda and the other related data identified in the Quote Documents;
   ii. All Bidders are to inform themselves of the conditions under which the work is to be performed, the site of the work, the obstacles which may be encountered, and all other relevant matters concerning the work to be performed. The successful Bidder will not be allowed any extra compensation by reason of any matter or thing concerning which said Bidder might have fully informed himself, because of his failure to have so informed himself prior to the bidding.
   iii. Verify for themselves the accuracy of said quantities for their quoting purposes and adjust as necessary to satisfy the accuracy of their quotes. Any and all quantities listed in these construction documents are approximate and for estimate purposes only.
   iv. To promptly notify Engineer of all conflicts, errors, ambiguities, or discrepancies which Bidder has discovered in or between the Contract Documents and other such related documents. Bidders requiring clarification or interpretation of the Quote Documents shall make a written request to the City at least four (4) days prior to the date for receipt of bids;
   v. Correlate the information known to Bidder, information and observations obtained from visits to the site, reports and drawings identified in the Quote Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Quote Documents;
   vi. Agree at the time of submitting its quote that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its quote for performance of the work at the price quoted and within the times and in accordance with the other terms and conditions of the Quote Documents; and
   vii. Determine that the Quote Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the work.

B. Interpretations and Addenda
   i. No interpretation of the meaning of the Plans, Drawings, or other Contract Documents will be made to any Bidder orally. All questions about the meaning or intent of the bidding documents are to be directed to the City Engineer's Office in writing, mailed to: 609 West Navajo Street, West Lafayette, Indiana 47906. Interpretations or clarifications

considered necessary by the Engineer in response to such questions will be issued by addenda. Addenda will be mailed or delivered to all who are known by the City of West Lafayette to have received a complete set of Bidding Documents. Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose. No Addenda will be issued later than three (3) days prior to the date for receipt of bids except an Addendum, if necessary, postponing the date for receipt of bids or withdrawing the request for bids. Each bidder shall ascertain prior to submitting his bid that he has received all Addenda issued, and he shall acknowledge their receipt in his bid.

ii. Any interpretation, correction or change of the Bidding Documents will be made by Addendum. Interpretations, corrections or changes of the Bidding Documents made in any other manner will not be binding, and bidders shall not rely upon such interpretations, corrections and changes.

C. Substitute and "or approved equal" items

i. The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution. No substitution will be considered unless written request for approval has been submitted by the Bidder and has been received by the City Engineer at least five (5) days prior to the date for receipt of bids. Each such request shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitute including drawings, cuts, performance and test data and any other information necessary for an evaluation. A statement setting forth any changes in other materials, equipment or work that incorporation of the substitute would require shall be included. The burden of proof of the merit of the proposed substitute is upon the person who proposes it. The City Engineer's decision of approval or disapproval of the proposed substitution shall be final. If the City Engineer approves any proposed substitution, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.

2.0 Required Timing:

A. The proposed construction is to be coordinated with the West Lafayette Street and Sanitation Department. The work shall be completed by no later than May 31, 2011.

B. A pre-construction meeting shall be scheduled with the Street and Sanitation Department prior to starting any work. Meeting will require attendance by one member (minimum) from the actual crew that will be present during all stages of the work.

3.0 Equipment and Professional Services to be Provided by Contractor:

A. General Requirements:
   i. The Contractor shall provide all preparations, materials, labor and equipment required to construct all facilities as illustrated on the drawings, schedules and specifications.
   ii. All precautions shall be taken as necessary for the safety of personnel and property during the construction operation. Sufficient barricades and warning signs shall be provided.
   iii. Contractor shall maintain materials' storage and staging areas picked-up and organized in an orderly manner. No trash will be allowed to accumulate in these areas for a period longer than one week.
   iv. The Contractor shall provide a warranty-guarantee that if within one (1) year after the date of completion any of the work is found to be defective or not in accordance with the contract documents, the work shall be promptly corrected after receipt of written notice of the owner to do so.
   v. The Contractor shall guarantee performance of all Contractor furnished materials and equipment in accordance with the performance requirements of the specifications.
   vi. If within one (1) year after completion, any part of the materials and equipment are found to be defective because of design, workmanship, or materials, the Contractor shall, at his own expense, furnish and install acceptable replacement parts.
   vii. All construction operations shall be kept within the boundaries of the contract work areas.
   viii. All construction parking shall be kept within the boundaries of the contract work area, unless otherwise coordinated with the owner.

B. Materials
   i. Install all asphalt pavements and drives as per accepted City Standards and Standards recognized by the Indiana Department of Transportation.
   ii. Install all pavements to provide continuous positive drainage without ponding.
   iii. See plans for concrete specifications.
   iv. When placing concrete in cold weather, Contractor to comply with ACI 306 to protect all concrete work from physical damage and reduced strength which would be caused by frost, freezing actions, or low temperatures. Use set-control admixture in the mix.
   v. Concrete finish to be coordinated with owner.
   vi. Lumber not mentioned in specifications or shown on Drawings, but necessary for proper framing construction or minor requirements for completion of structures, shall be furnished, properly prepared and installed as directed.

vii. Contractor to provide all temporary construction required to properly perform the work, including temporary wall, forms, bracing, barricades, etc.

viii. Lumber Grading Rules and wood species shall be in conformance with American Softwood Lumber Standard PS 20.

ix. Stress-graded members, including all columns, beams and headers shall be #1 KD Southern Pine with f_b = 1,600, E = 1.8. 2x12 and 2x6 beams shall be SS KD Southern Pine with f_b = 1,900. Studs shall be stud grade SPF with f_b = 650, E = 1.2.

x. Non-stress graded members, include plates, blocking, etc., shall be standard or better, SPF with fb = 1,000, E = 1.3.

xi. At the time lumber and other materials area delivered and when installed in the work, their moisture content shall be 19% maximum for air dried materials, and 15% maximum for kiln dried materials.

xii. All masonry work to be completed at temperatures above 32^0 F.

xiii. Concrete masonry units to meet ASTM C-90, Type I.

xiv. Mortar and concrete masonry unit colors to be submitted for approval by owner.

xv. Concrete masonry unit control joints will be as required and standard.

xvi. Garage door tracks shall be as recommended by the manufacturer with standard headroom track configuration. Coordinate to ensure adequate headroom and necessary equipment clearances.

xvii. Steel roofing shall meet the following minimum requirements:

- i. Hard flexible finish for long-term weather resistance
- ii. 28 gauge panels
- iii. Galvanized coating plus Zinc Phosphate
- iv. Lifetime paint film integrity warranty
- v. Structural strength meeting Grade 80 Steel
- vi. Ribbed with overlap for appropriate drainage
- vii. UL Rated for Wind Uplift
- viii. UL Rated for Fire
- ix. UL Rated for Hail

Additional Information:

Michael Thompson, PE
Assistant City Engineer
Office of the City Engineer
(765) 775-5130
mthompson@westlafayette.in.gov.

City of West Lafayette
Insurance Requirements

The Contractor shall furnish to the City an acceptable performance and payment bond in the amount of one hundred percent (100%) of the contract price including subsequent modifications of work and contract price. Said bond shall secure the Contractor's performance, and payment of labor, materials, subcontractors, supplies and any furnishing service. Bid bond shall be written by a surety authorized to do business in the State of Indiana and who maintains at least one (1) established place of business, in the State and in a location of which the continuance is not dependent upon decision of individual personnel of the Surety within the State.

The City of West Lafayette's risk management strategy requires the contractor provide us with evidence of insurance that meets the minimum requirements listed below for this project. This coverage must be placed with an insurance company with an A.M. Best rating of A-:VII or better. Please provide a Waiver of Subrogation in favor of the City of West Lafayette, Indiana as it pertains to Commercial General Liability, Workers Compensation, and Automobile Liability.

Insurance Requirements:

(a) Commercial General Liability (Occurrence Form)

Each Occurrence	$1,000,000
Products/Completed Operations Aggregate	$2,000,000
General Aggregate	$2,000,000
(other than Prod/Comp Ops Liability)	
Personal & Advertising Injury Liability	$1,000,000

Coverage shall be subject to a per project or vendor general aggregate provision that names all jobs performed by subcontractor if applicable. The City of West Lafayette, Indiana must be named as an Additional Insured per ISO forms CG2010 and CG2037 or their equivalent. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(b) Automobile Liability $1,000,000 each accident

If subcontractor at any time transports hazardous materials, subcontractor shall carry appropriate auto pollution coverage. Hired and Non-Owned auto liability coverage is to be included. The insurance will be considered primary and noncontributory before any other applicable coverage. Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(c) Workers Compensation and Employer's Liability

Worker's Compensation	State Statutory Limits
Employer's Liability	
Bodily Injury by Accident	$1,000,000 ea. accident

Bodily Injury by Disease	$1,000,000 policy limit
Bodily Injury by Disease	$1,000,000 ea. employee

Include Waiver of Subrogation in favor of the City of West Lafayette, Indiana.

(d) Umbrella Liability

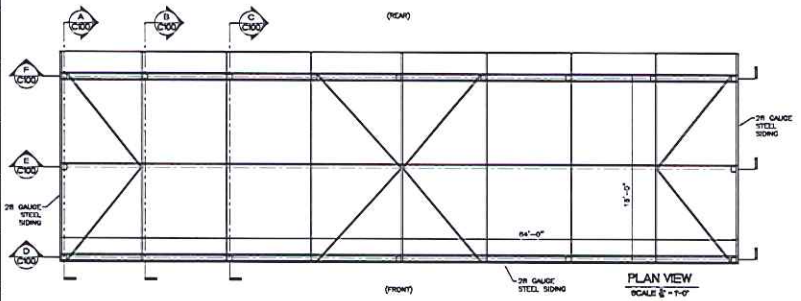
Each Occurrence and Aggregate	$1,000,000

(e) Professional Liability (Applicable for Professional Services only rendered to the City) All subcontractors performing design, engineering, surveying, testing, or other professional services shall carry professional liability (errors and omissions) insurance. This policy shall provide at least $1,000,000 for each occurrence and $2,000,000 aggregate.

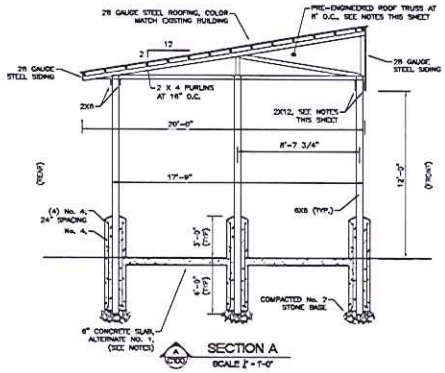
The Contractor shall secure, and maintain throughout the life of this contract, such insurance as will protect himself, the City and the Engineer from claims for bodily injury, death or property damage, arising from the Contractor's operations under the contract documents. Policies shall include the standard rider for coverage under Paragraph 8.03 of Article 8 of these General Conditions. Each policy shall contain a clause providing that such policy shall not be canceled by the insurer until after 30 days written notice, to the City, of intent to cancel. The Contractor shall not commence construction, or any operation pertaining thereto, until he has obtained all insurance required by this paragraph and shall have filed with the City either the insurer's certificate of such insurance or certified copies of the policies.

Indemnity: The Contractor shall indemnify and save harmless the City and agents and employees of the City, and the Engineer and agents and employees of the Engineer, from and against as allowed by law every loss and expense incurred by the City and agents and employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, on account of claim, demand, payment, suit, action, judgment or recovery occurring by reason of, or out of, the work. Said indemnity shall be in the full amount of recovery had against the City and agents or employees of the City and the Engineer and agents and employees of the Engineer, these and any of them, plus such expense as may be incurred in determining and defending against such action, and plus legal fees of Defense Counsel.

Patents and Royalties: If the Contractor uses any design, device, material, method or process covered by patent or copyright he shall provide for such use by legal agreement with the holder of the patent or copyright and shall pay all fees and charges pertaining thereto.



PLAN VIEW
SCALE 1/8" = 1'-0"



SECTION A
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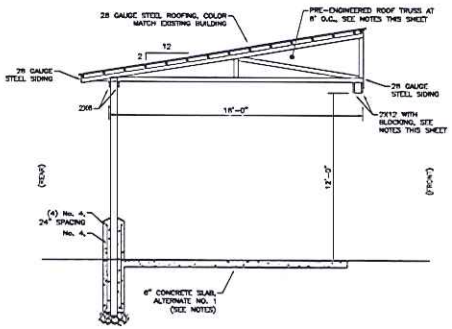

SECTION B
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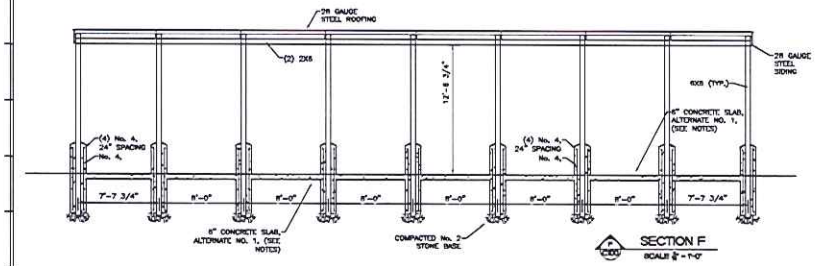

SECTION F
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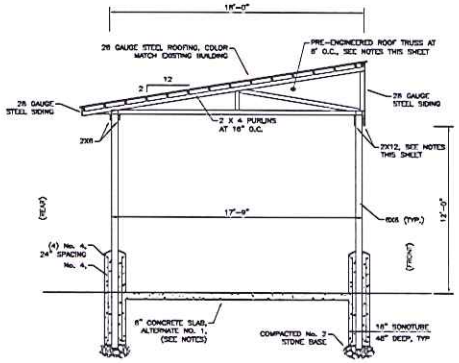
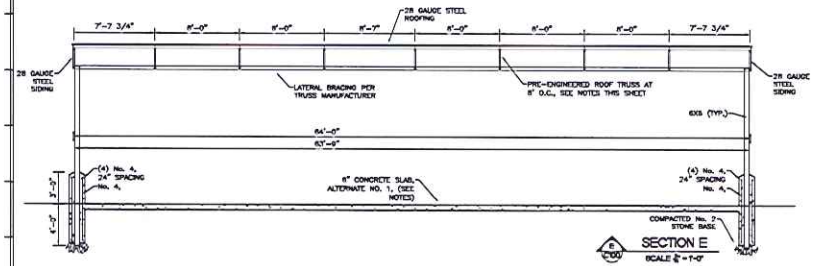
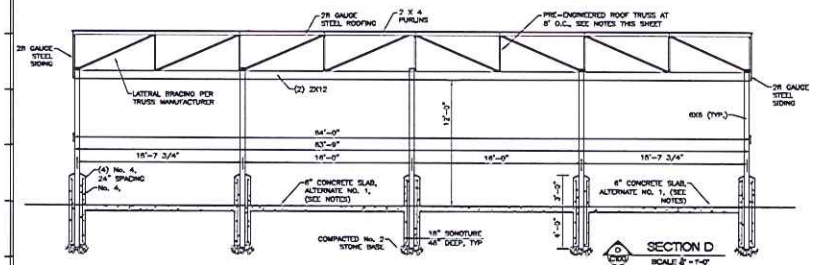


SECTION C
SCALE 1/8" = 1'-0"



SECTION E
SCALE 1/8" = 1'-0"



SECTION D
SCALE 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL EXTERIOR CONCRETE WORK SHALL BE 6 BAG, LIMESTONE AGGREGATE, 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI. ALL INTERIOR FLAT WORK CONCRETE SHALL BE 6 BAG, GRAVEL AGGREGATE, 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI. ALL FOOTINGS & FOUNDATIONS SHALL BE GRAVEL AGGREGATE, 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI.
2. ALL REINFORCING STEEL SHALL BE ASTM A-185 GRADE 60. ALL WELDED WIRE MESH SHALL BE ASTM A 185 WITH YIELD OF 65 PSI.
3. MINIMUM CONCRETE COVER OVER REINFORCEMENT STEEL SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   CONCRETE CAST AGAINST EARTH 3"
   CONCRETE EXPOSED TO EARTH OR WEATHER 2"
   INTERIOR CONCRETE SLABS ½"
   INTERIOR BEAMS AND COLUMNS MAIN REINFORCEMENT 1 1/2"
4. IT SHALL BE THE RESPONSIBILITY TO INFORM ENGINEERING DEPARTMENT OF ANY UNSAFE ITEMS OR CODE VIOLATIONS, BOTH STATE AND LOCAL PRIOR TO THE START OF CONSTRUCTION.
5. IF FIELD CONDITIONS EXIST THAT REQUIRE ALTERATIONS TO THESE PLANS WEST LAFAYETTE ENGINEERING DEPARTMENT MUST BE NOTIFIED AT ONCE AND BEFORE ANY FURTHER CONSTRUCTION TAKES PLACE.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
7. ALL FOOTING SIZES ARE BASED ON 1,500 PSI SOIL BEARING CAPACITY. CONTRACTOR TO PERFORM TESTING AND NOTIFY ENGINEERING DEPARTMENT OF SOIL BEARING PRESSURE BEFORE CONSTRUCTION STARTS. ENGINEERING DEPARTMENT TO CONFIRM SIZE OF FOOTING BASED ON SOIL TESTING PRIOR TO CONSTRUCTION.
8. TRUSS DESIGN LOADS:
   TOP CHORD LIVE LOAD: 20PSF
   BOTTOM CHORD DEAD LOAD: 5 PSF
   BOTTOM CHORD LIVE LOAD: 0 PSF
9. TRUSS MANUFACTURER SHALL PROVIDE A DIAGONAL AND LATERAL BRACING DIAGRAM, ALL BRACING SHOWN IS FOR INFORMATIONAL PURPOSES ONLY.
10. 2 X 12 SHALL BE SELECT STRUCTURAL OR F/B VALUE OF 1,900 PSI MINIMUM
11. STRUCTURE DESIGNED FOR 20PSF LIVE OR SNOW LOAD, BUT NOT FOR LIVE AND SNOW LOAD
12. CONTRACTOR TO INSTALL HURRICANE CLIPS FOR STRUCTURE
13. ALTERNATE NO. 1, 6" CONCRETE SLAB, TO MEET CITY OF WEST LAFAYETTE STANDARD DETAILS FOR LOCAL STREET CONCRETE SECTION. ALTERNATE TO INCLUDE REMOVAL OF EXISTING PAVEMENT, SUBGRADE AND BASE PER STANDARD DETAIL.

SITE PLAN
SCALE 1" = 20'-0"

VARIES

CITY OF WEST LAFAYETTE

Office of the City Engineer
609 West Navajo Street
West Lafayette, Indiana 47906
p 765-775-5130
f 765-775-5249

STREET AND SANITATION DEPARTMENT
705 SOUTH RIVER ROAD
WEST LAFAYETTE, INDIANA 47906

SOIL AND WATER POLLUTION PREVENTION
STRUCTURE ONE

DATE:

DATE: 11-01-2010
CHECKED BY: DMB
DRAWN BY: MAT

WL PROJECT NUMBER
09-023

PLAN NUMBER
C100-1

SHEET NUMBER 1 of 3

SOIL AND WATER POLLUTION PREVENTION STRUCTURE TWO

STREET AND SANITATION DEPARTMENT
705 SOUTH RIVER ROAD
WEST LAFAYETTE, INDIANA 47906

CITY OF WEST LAFAYETTE

Office of the City Engineer
609 West Navajo Street
West Lafayette, Indiana 47906
p 765-775-5130
f 765-775-5249

VARIES

DATE:	10-01-2010
CHECKED BY:	DMB
DRAWN BY:	MAT

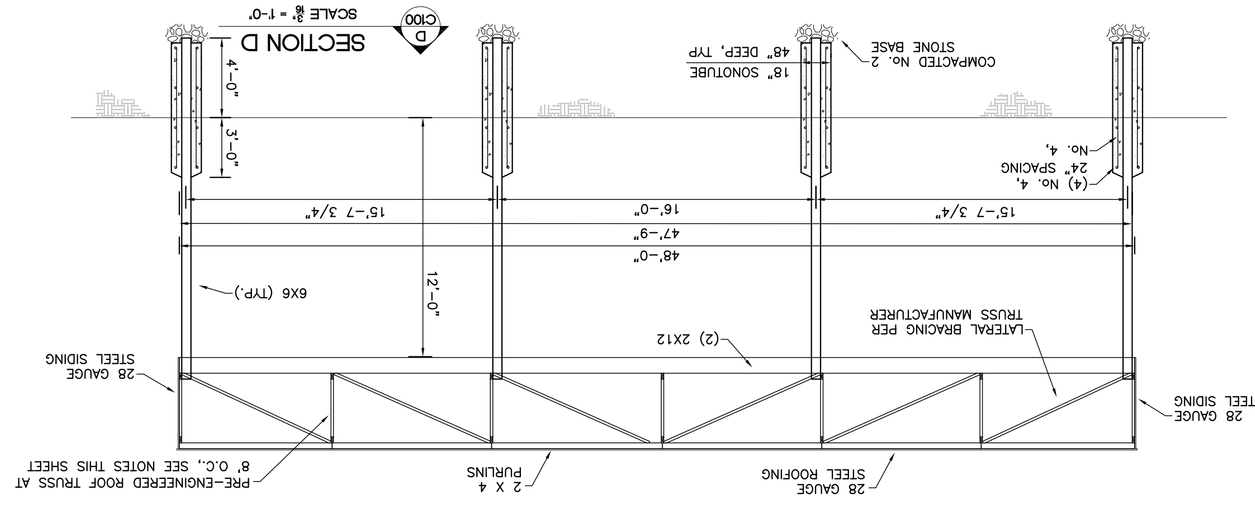
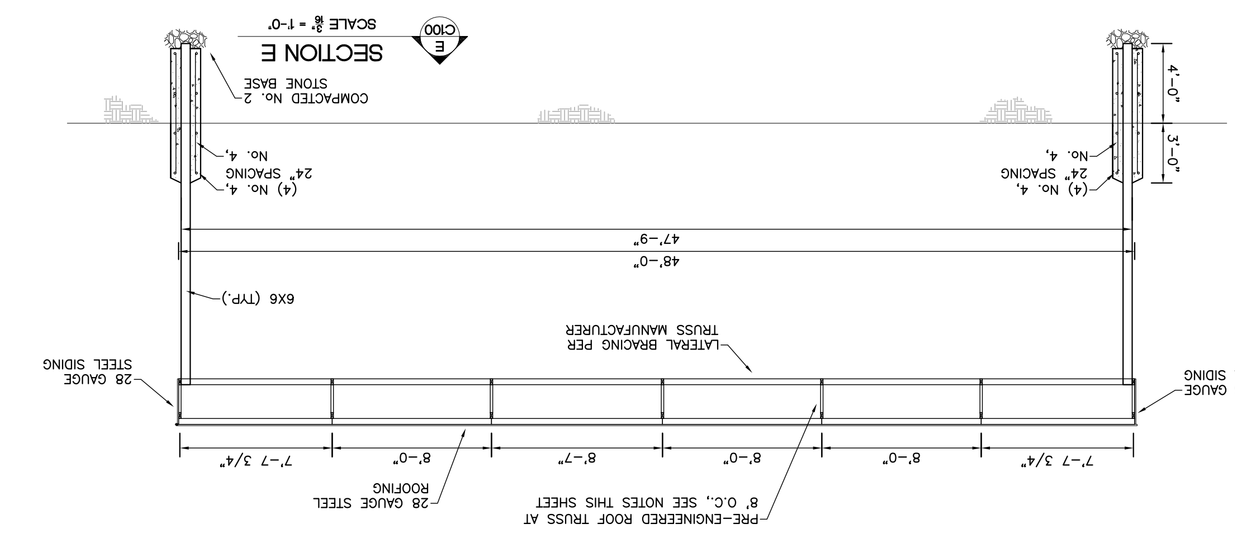
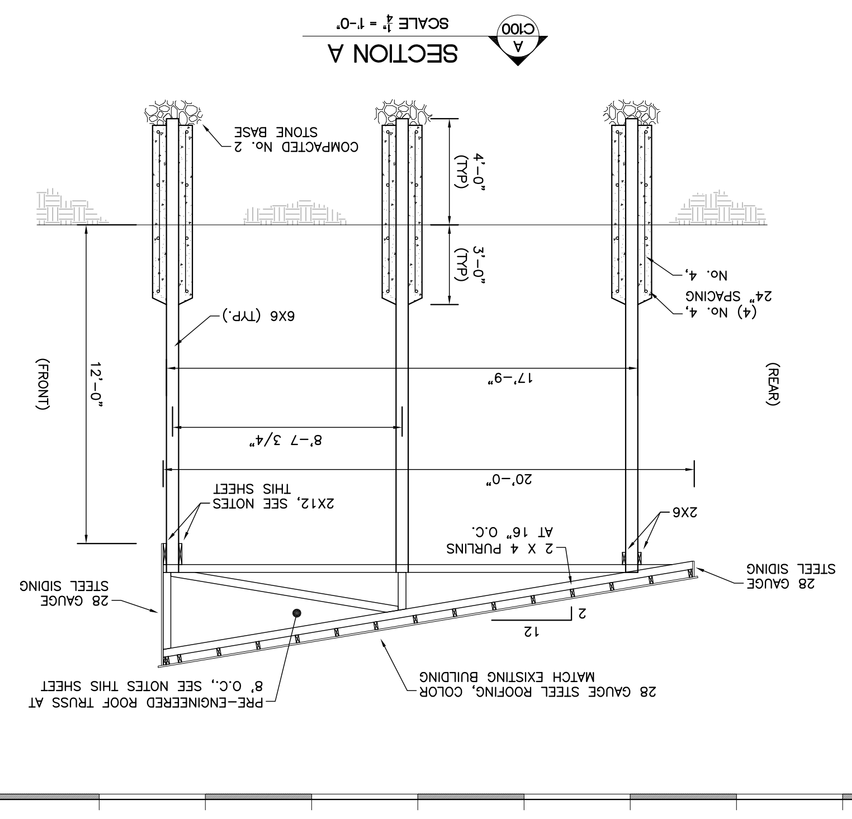
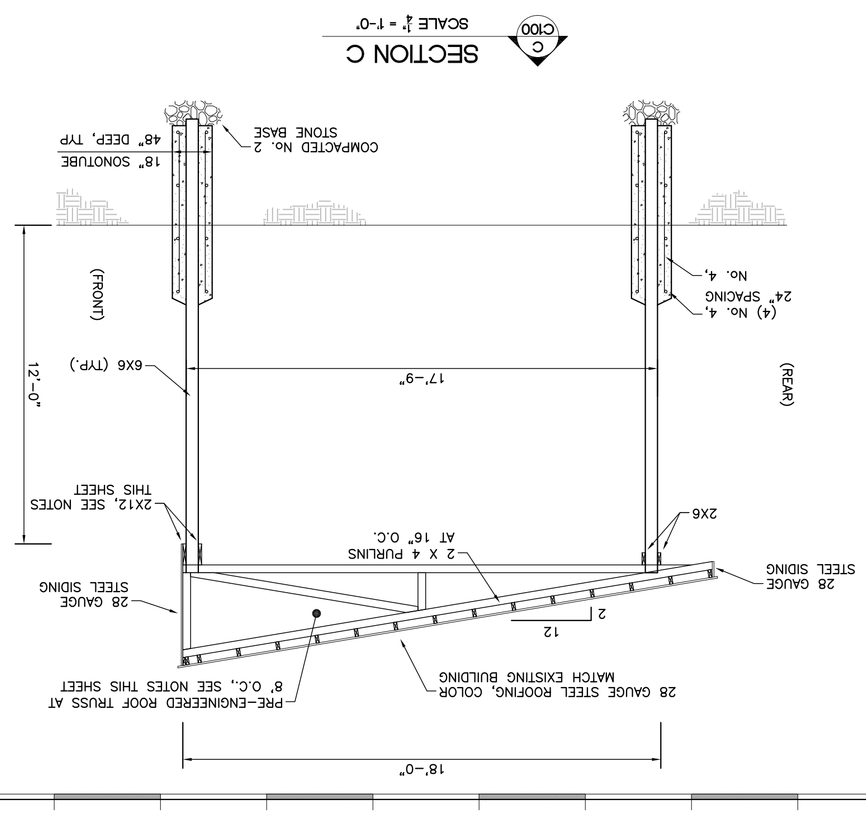
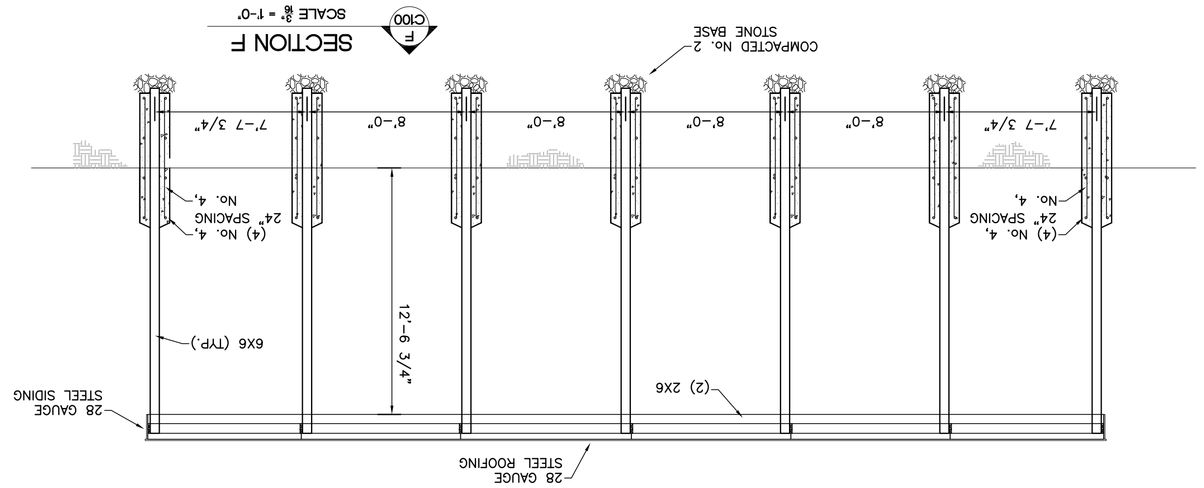
DATE:

WL PROJECT NUMBER
09-023

PLAN NUMBER
C100-2

SHEET NUMBER 2 of 3

SITE PLAN
SCALE 1" = 20'-0"

GENERAL CONSTRUCTION NOTES:

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   CONCRETE EXPOSED TO EARTH OF WEATHER 2".
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7. NOTIFY ENGINEERING DEPARTMENT OF SOIL BEARING PRESSURE BEFORE CONSTRUCTION STARTS. ENGINEERING
8. TRUSS DESIGN LOADS:
   BOTTOM CHORD DEAD LOAD: 5 PSF
   TOP CHORD LIVE LOAD: 20PSF
   BOTTOM CHORD LIVE LOAD: 0 PSF
9. TRUSS MANUFACTURER SHALL PROVIDE A DIAGONAL AND LATERAL BRACING DIAGRAM, ALL BRACING SHOWN IS FOR INFORMATIONAL PURPOSES ONLY.
10. 2 X 10 SHALL HAVE FB VALUE OF 1,150 PSI MINIMUM
11. STRUCTURE DESIGNED FOR 20PSF LIVE OR SNOW LOAD, BUT NOT FOR LIVE AND SNOW LOAD
12. CONTRACTOR TO INSTALL HURRICANE CLIPS FOR STRUCTURE