

ADDENDUM #1

Answers to Questions Received for

COB Bid No. 2025-004

South Avenue Park Project #4:

Court Improvements & Restroom Facility

Bids DUE: March 27, 2025

AT 11:00 AM

BEACON, NEW YORK

Question 1) Page B-1 (Information for Bidders) does not list the “Statement of Bidder Qualification,” however it is listed on Page C-2 of the Bid Form as an attachment. I am unable to locate this form in the bid specifications.

Answer 1) The Statement of Bidders Qualifications Form is attached to this addendum. The following forms are to be submitted as part of the bid per the Bid Form:

- Required Bid Security
- Non-Collusive Bidding Certification (Page E-1)
- Information Sheet (Page B-6)
- Conflict of Interest Statement (Page B-7)
- Reference Sheet (Page B-8)
- Statement of Bidder’s Qualifications (Pages B-12 – B-14)
- Certification of Limited Foreign Involvement (Page B-9)
- Sexual Harassment Prevention Policy Certification (Page B-10)
- Iran Divestment Act Compliance Certification (Page B-11)
- Certification Form: Labor Law § 220-i (Page N-1)

Engineer Revisions

Revisions to Sheets S001 and S101 to reflect final loading information received from Public Restroom Company.

Attachments:

- Information for Bidders
- Statement of Bidders Qualifications Form
- Revised Plan Sheets: S001, S101

- END OF ADDENDUM #1 -

INFORMATION FOR BIDDERS

1. RECEIPT AND OPENING OF BIDS

The City of Beacon, Dutchess County, New York (herein, called the "Owner") invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Envelopes containing the bids must be sealed, addressed to: City of Beacon, City Hall, One Municipal Plaza, Beacon, New York 12508 and designated as **South Avenue Park Project #4: Court Improvements & Restroom Facility** must be actually received not later than the time and the date specified in the Advertisement for Bids.

The Owner may consider informal any bid not prepared and submitted in accordance with the provisions thereof and may waive any informalities or reject any or all bids. Any bid may be withdrawn prior to the above scheduled time for the opening of bids. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within 45 days after the actual date of the opening thereof.

2. PREPARATION OF BID

Each bid must be submitted on the prescribed form. All blank spaces for bid prices must be completed in ink or by typewriter. In addition to the prescribed for, each bid must be accompanied by the following:

1. Required Bid Security
2. Information Sheet
3. Conflict of Interest Statement
4. Reference Sheet
5. Non-Collusive Bidding Certificate
6. **Statement of Bidders Qualifications**
7. Certification of Limited Foreign Involvement
8. Sexual Harassment Prevention Policy Certification
9. Iran Divestment Act Compliance Certification
10. Certification Form: Labor Law § 220-i

Each envelope containing a bid must bear on the outside the name and address of the bidder, and the name of the project for which the bid is submitted and **COB Bid No. 2025-004**. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified above. The Contractor assumes the risk of any error or delay in the delivery of its bid by whatever delivery means it chooses (e.g. mail, hand delivery, courier, overnight service or other means) including the handling of mail by employees of the City of Beacon.

The Contractor shall not include in the bid any sales and compensating use taxes of the State of New York or of any City or County in the State of New York for any materials which are to be incorporated in the work. The City has a tax exemption number and forms which will be made available to the successful bidder to the extent permitted under the present applicable statutes.

No bids will be accepted unless the Non-Collusive Bidding Certificate provided in these specifications is properly executed and submitted with the bid, as required by the General Municipal Law.

3. BID MODIFICATION AND WITHDRAWAL

Any bidder may modify or withdraw its bid by telegraphic or written communication at any time prior to the opening of bids, provided such communication is received by the Owner prior to the opening, and provided further, the Owner is satisfied that a written confirmation of the telegraphic modification over the signature of the bidder was mailed prior to the opening time. The communication should not reveal the bid price but should provide the addition or subtraction or other modification so that the final prices or terms will not be known by the Owner until the sealed bid is opened. If written confirmation is not received within two days from the opening of bids time, no consideration will be given to the telegraphic modification.

4. METHOD OF BIDDING

- A. The bid is lump sum.
- B. Lowest Bidder:

Bids will be compared on the basis of the correct totals of the schedule of quantities comprising all items at the unit and lump sum prices bid for these items. The lowest bidder under each Contract will be that Bidder whose Bid totals the lowest number of dollars as determined above.

Owner reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time or changes in the Work and to negotiate contract terms with the Successful Bidder, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional Bids. Also, Owner reserves the right to reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the Bid is not responsive, or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by Owner. Discrepancies in the Multiplication of units of Work and unit prices will be resolved in favor of the Unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.

When numbered Alternate Bid items are required, the lowest Bidder is the Bidder whose Bid for the Alternate or combination of Alternates, selected by Owner, is the lowest. It shall be understood that the Owner reserves the right to select any alternate or combination of Alternates.

The alternate Bid Items are provided because of the City of Beacon's budgetary constraints and to achieve the economy of scale.

5. BID SECURITY

Each bid must be accompanied by cash, certified check of the bidder or a bid bond prepared on the Bid Bond Form attached, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, **licensed in the state of New York with a minimum rating of "bbb"**, in the amount of 5% of the total contract bid. Such cash, checks or bid bonds will be returned to all except the three lowest bidders within three days after the opening of bids, and the remaining cash, checks, or bid bonds will be returned promptly after the Owner and accepted bidder have executed the contract, or, if no award has been made within 45 days after the

date of the opening of bids, upon demand of the bidder at anytime thereafter, as long as he has not been notified of the acceptance of his bid. Bid Security shall be made payable to the City of Beacon.

6. LIQUIDATED DAMAGES FOR FAILURE TO ENTER INTO CONTRACT

The successful bidder, upon his failure or refusal to execute and deliver the contract and bonds required within 15 days after he has received notice of the acceptance of his bid, shall forfeit to the Owner the security deposited with this bid, which sum is agreed on as the proper measure of liquidated damages that the Owner will sustain as a result of the failure or refusal to execute and deliver the contract and bonds as required in this paragraph. This sum is not to be construed in any sense as a penalty but as a good faith measure of the economic injury to the Owner which otherwise is impractical to calculate.

7. ADDENDA AND INTERPRETATIONS

No interpretations of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally. Every request for such interpretation should be in writing addressed to Weston & Sampson PE, LS, LA, Architects, PC, 1 Winners Circle, Suite 130, Albany, New York 12205 or via email to Jack Grieshofer, RLA at grieshoferj@wseinc.com. To be given consideration, questions must be received at least five working days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which, if issued, will be distributed to all prospective bidders listed as plan holders (at the respective address or email furnished for such purposes) not later than three working days prior to the date fixed for the opening of bids. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents.

8. SECURITY FOR FAITHFUL PERFORMANCE

Simultaneously with his delivery of the executed contract, the Contractor shall furnish a Construction Performance Bond and a Construction Payment Bond in amounts equal to 100% of contract price, as security for faithful performance of this contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract, as specified in the General Conditions included herein. **Each bond shall state "The amount of the bond shall be adjusted to reflect the effect of any changes ordered by the owner by a Written Amendment, a Change Order, or a Work Change Directive".** The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner, **licensed in the state of New York with a minimum rating of "bbb",** and shall be prepared on the forms found in these contract documents.

9. WARRANTY AND GUARANTEE

The Contractor shall warrant and guarantee all his work and material for a period of two years after final acceptance by the Owner in accordance with the General Conditions. The Owner shall retain 5% of the total completed works cost during this **two-year** period unless the Contractor provides an

acceptable Maintenance Bond in the same amount, or unless his Performance Bond covers this two-year period.

10. OBLIGATION OF BIDDER

At the time of the opening of bids, each bidder will be presumed to have inspected the Technical Specifications and to have read and to be thoroughly familiar with the contract documents. The failure or omission of any bidder to examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect to his bid. The lowest bidder shall supply the names and addresses of major material suppliers and subcontractors when requested to do so by the Owner.

11. OBLIGATION OF BIDDER

The Owner may make such investigations as he deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract. Conditional bids will not be accepted.

12. POWER OF ATTORNEY

Attorneys-in-fact who sign Bid Bonds or Payment Bonds and Performance Bonds must file with each Bond a certified and effective dated copy of their power of attorney.

13. TIME OF COMPLETION AND LIQUIDATED DAMAGES

Bidder must agree to complete all work, no later than 90 calendar days after the date specified in the Notice to Proceed.

Bidder must agree to pay in accordance with the following schedule for each consecutive calendar day the project completion extends past the completion date, which sum is agreed on as the proper measure of liquidated damages that the Owner will sustain per diem by the failure of the Bidder to complete the work in the time stipulated, and this sum is not to be construed in any sense as a penalty but a good faith measure of the economic injury to the Owner which is otherwise impractical to calculate.

Original Contract Amount		Liquidated Damages Per Day
From More Than	To and Including	
\$0	\$25,000	\$575
\$25,000	\$50,000	\$600
\$50,000	\$100,00	\$725
\$100,000	\$500,000	\$825
\$500,000	\$2,000,000	\$1,025

14. LAWS AND REGULATIONS

The bidder's attention is directed to the fact that all applicable State laws, municipal ordinances, and the rules and regulations of all authorities having jurisdiction over the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written in full.

15. ADDITIONS AND DELETIONS

The Owner may elect to delete from the contract any portion of the work or material described. Any major alterations, either subtractions or additions, will be made prior to the contract award.

16. INSURANCE

During the life of the contract, the Contractor shall maintain in full force and effect the following.

1. Workers Compensation Insurance and New York State Disability Insurance in conformity with the applicable laws of the State of New York.
2. Contractor's Comprehensive General Liability and Property Damage Insurance.
3. Contractor's Protective Comprehensive General Liability and Property Damage Insurance in his own name and for Sub-contractor operations.
4. Contractor's Protective Comprehensive General Liability and Property Damage Liability Insurance in the name of the Owner.
5. Bodily Injury Liability and Property Damage Liability Insurance for all automotive equipment utilized for this contract.

The Contractor shall furnish to OWNER Certificates of Insurance as evidence of coverage prior to commencement of the PROJECT and naming the OWNER and ENGINEER as Additional Insured on a primary and non-contributory basis. Waiver of Subrogation in favor of the OWNER is to be included.

The Contractor shall provide thirty (30) days written notice to the OWNER, by registered mail with return receipt requested, prior to cancellation or expiration of the policy. Policies that lapse and/or expire during term of work shall be recertified and received by the OWNER no less than thirty (30) days prior to expiration or cancellation. All carriers listed in the certificates of insurance shall be A.M. Best Rated A VII or better and be licensed in the State of New York.

STATEMENT OF BIDDERS QUALIFICATIONS

The Undersigned certifies under oath the truth and correctness of all statements and of all answers to questions made hereinafter. Answer all questions in a clear and comprehensive manner. This form must be completed in full and sealed (if corporation) or signed by all partners. The bidder may submit any additional information he/she desires.

NOTE: THIS STATEMENT MUST BE NOTARIZED.

SUBMITTED BY:

Name of Bidder: _____

Federal Identification Number: _____

Permanent Principal Office Address:

Corporation ___ Partnership ___ Individual ___ Joint Venture
Other

1. Date When Firm Organized:
2. State of incorporation:
3. How many years has your organization been engaged in contracting under your present firm or trade name?
4. Have you ever failed to complete any work awarded to you? If so, note when, where, and why:
5. Has any office or partner of your organization ever been an officer or partner of another organization that failed to complete a construction contract? _____ If so, state circumstances:

9. Experience in work similar in scope and scale to this project:

10. List the construction experience of the principal individuals of your organization:

11. Trade References:

12. Bank References:

State of New York Name of Bidder:

County of () Date:

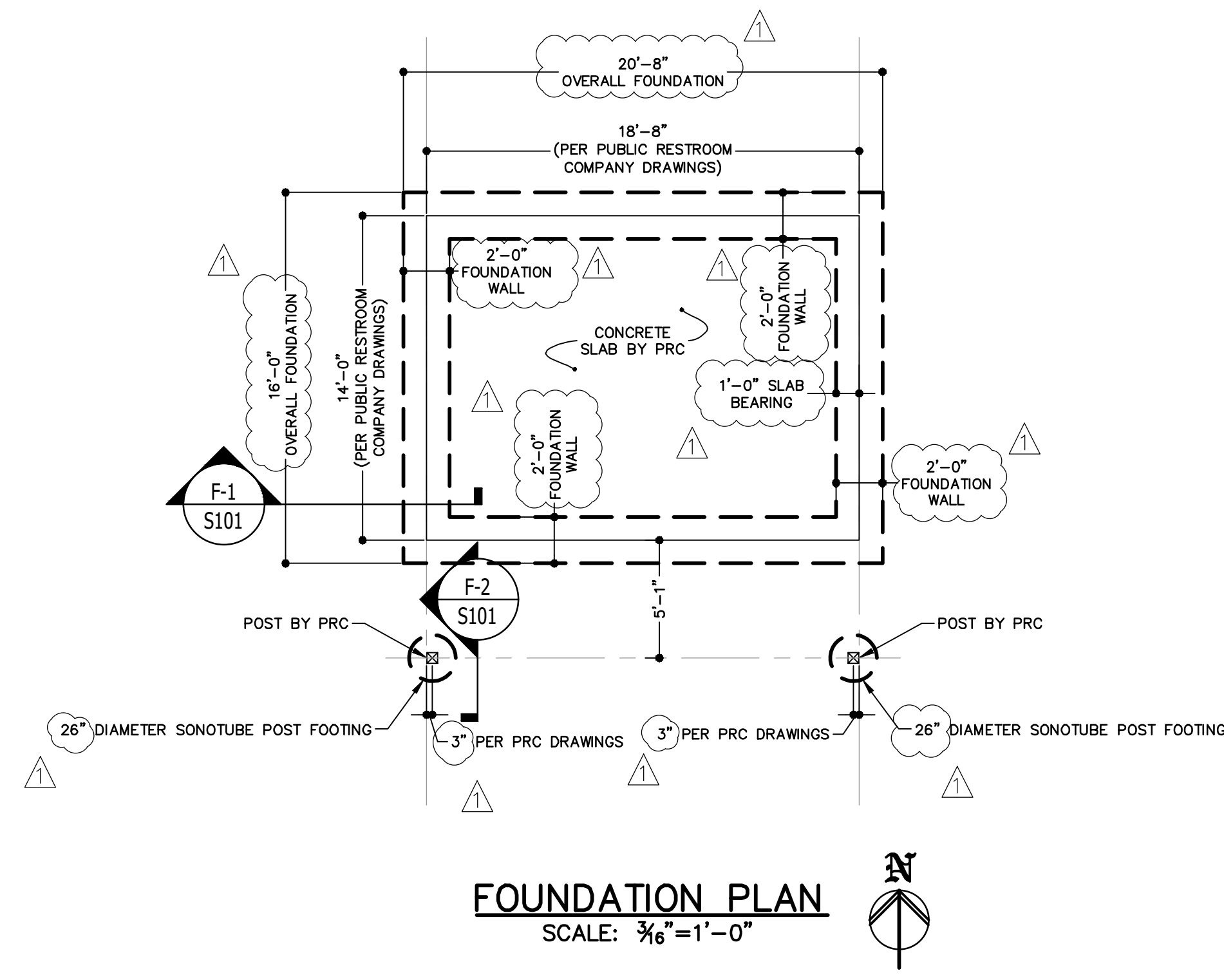
On this _____ day of _____, 202__ before me came

_____ to me known to be the individual(s)

described in and who executed the foregoing instrument and acknowledged
that he/she executed the same.

Notary Public

County



DESIGN NOTE:

DESIGN IS BASED OFF OF DRAWINGS FROM THE PUBLIC RESTROOM COMPANY DATED 2.18.2025.

GENERAL NOTES:

1. THE STRUCTURAL PLANS COMPLY WITH THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE.
2. ALLOWABLE STRESS DESIGN (ASD) WAS USED TO ANALYZE THE STRUCTURE U.N.O.
3. ALL WORK SHALL COMPLY WITH THE NEW YORK STATE BUILDING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS OF AGENCIES HAVING JURISDICTION.
4. ALL REFERENCED STANDARDS REFER TO THE EDITION IN FORCE AT THE TIME THAT THESE PLANS ARE ISSUED.
5. JOB SAFETY AND PROCEDURES FOR SAFE CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SUBCONTRACTORS.
6. ALL CONSTRUCTION MATERIAL AND DEBRIS SHALL BE REMOVED FROM THE SITE DURING AND AT THE COMPLETION OF WORK.
7. WORK EXPRESSLY SHOWN ON SPECIFIC PARTS OF THE DRAWING BUT REASONABLY IMPLIED BY SIMILAR WORK SHOWN SHALL BE REPEATED.
8. THE STRUCTURAL PLANS SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECTURE AND PUBLIC RESTROOM COMPANY DRAWINGS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS.
9. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY THAT ALL MEMBERS AND MATERIALS CONFORM TO ACTUAL SITE CONDITIONS. THE GENERAL CONTRACTOR SHALL REPORT DIFFERING SITE CONDITIONS TO THE ARCHITECT AND ENGINEER FOR REVIEW.
10. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL TAKE CARE TO PROTECT ALL EXISTING STRUCTURES AND UTILITIES FROM DAMAGE.
11. PROVIDE CORROSION PROTECTION FOR ALL STRUCTURES SUSCEPTIBLE TO CORROSION.
12. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. IF THERE APPEARS TO BE A CONFLICT BETWEEN NOTES, OR DETAILS APPLY THE MOST RIGID REQUIREMENTS TO THE WORK. WORK SHALL NOT DEVIATE FROM DRAWINGS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
13. PROVIDE TEMPORARY ERECTION BRACING AND/OR SHORING FOR ALL STRUCTURAL WORK AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
14. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM ALL NECESSARY PRE-CONSTRUCTION INSPECTIONS/SURVEYS OF ADJACENT STRUCTURES, AS REQUIRED BY THE NYS BUILDING CODE AND AS NECESSARY TO FULLY UNDERSTAND THE EXISTING CONDITIONS AND STRUCTURAL SYSTEM.
15. THE GENERAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS/SUBMITTALS FOR REVIEW AND APPROVAL FOR ALL STRUCTURAL ELEMENTS. THE SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED IN A TIMELY FASHION TO ALLOW ADEQUATE TIME FOR REVIEW AND REVISIONS PRIOR TO FABRICATION. IF RESUBMISSION OF SHOP DRAWINGS/SUBMITTALS WHICH HAD PREVIOUSLY BEEN REVIEWED BY E.O.R. IS REQUIRED, ALL MODIFICATIONS SHALL BE CLEARLY CLOUDED. ONLY CLOUDED INFORMATION WILL BE REVIEWED ON RESUBMISSIONS.
16. ALL SHOP DRAWINGS AND SUBMITTALS SHALL BE PREPARED IN ACCORDANCE WITH STRUCTURAL DRAWINGS. ANY DEVIATIONS FROM THE STRUCTURAL DRAWINGS SHALL BE CLEARLY INDICATED ON SHOP DRAWINGS AND SUBMITTALS BY CLOUDED SUCH DEVIATIONS FOR REVIEW BY E.O.R. THE GENERAL CONTRACTOR SHALL NOT PROCEED WITH ANY DEVIATIONS FROM THE STRUCTURAL DRAWINGS UNLESS E.O.R. HAS SPECIFICALLY APPROVED SUCH DEVIATIONS IN WRITING ON REVIEWED SHOP DRAWINGS/SUBMITTALS. SHOP DRAWING/SUBMITTAL REVIEW STAMP ALONE DOES NOT CONSTITUTE E.O.R. APPROVAL OF SUCH DEVIATIONS.
17. OWNER TO PERFORM MAINTENANCE PROGRAM TO PROTECT STRUCTURE AGAINST WATER DAMAGE AND CORROSION.
18. AN EXPERIENCED PROFESSIONAL ENGINEER LICENSED IN NEW YORK SHALL DESIGN, SUPERVISE AND INSPECT ALL SHORING AND EXCAVATION REQUIRED FOR THIS PROJECT. THIS ENGINEER SHALL PREPARE AND SUBMIT A SEPARATE SET OF DRAWINGS TO THE BUILDING DEPARTMENT OUTLINING ALL ENGINEERED SHORING, EXCAVATION AND SPECIAL SITE CONSIDERATIONS, INCLUDING PROTECTION OF ADJACENT STRUCTURES AND PROPERTY.
19. DESIGN OF RESTROOM MODULE, POSTS, AND CONCRETE RESTROOM SLAB SHALL BE BY THE PUBLIC RESTROOM COMPANY.
20. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO GENERATE A SET OF AS-BUILT DOCUMENTS AFTER COMPLETION OF WORK. THIS AS-BUILT SET SHALL INCLUDE ALL COORDINATION, ADDITIONS AND REVISIONS MADE TO THE PLANS, DETAILS AND JOB SPECIFICATIONS. THIS AS-BUILT SET WILL BE NECESSARY FOR THE OWNER'S RECORDS, THE LOCAL MUNICIPALITIES' REQUEST AND THE ENGINEER'S RECORDS.

FOUNDATION NOTES AND REQUIREMENTS: (SEE FOUNDATION DETAILS ON S101)

1. GEOTECHNICAL REPORTS ARE AVAILABLE FROM THE OWNER. CONTRACTOR TO REVIEW FOR COMPLIANCE WITH REQUIREMENTS OUTLINED IN THE SOIL REPORT.
2. BASED ON THE GEOTECHNICAL ENGINEERING REPORT BY TERRACON DATED 09/27/2024, THE FOLLOWING CRITERIA WAS ALLOWED TO BE USED FOR FOUNDATION DESIGN: 1.5 TSF BEARING CAPACITY
3. BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
4. FOOTING BEARING ON SOIL AND ROCK SHOULD NOT BE INTERMIXED TO AVOID HIGH DIFFERENTIAL SETTLEMENT. NOTIFY E.O.R. IF ROCK IS ENCOUNTERED DURING CONSTRUCTION.
5. ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED.
6. THE TOP SURFACE OF FOOTINGS SHALL BE LEVEL AND FINISHED "DEAD LEVEL" PER PRC REQUIREMENTS. THE BOTTOM SURFACE OF FOOTINGS IS PERMITTED TO HAVE A SLOPE NOT EXCEEDING 1 UNIT VERTICAL IN 10 UNITS HORIZONTAL (10 PERCENT SLOPE).
7. BOTTOM OF FOOTING ELEVATION SHALL BE 4'-0" BELOW GRADE EXPOSED TO WEATHER AS PER REQUIREMENTS BY NYS FOR FROST PROTECTION.
8. GENERAL CONTRACTOR/SUBCONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, LICENSES AND NOTIFICATIONS PRIOR TO COMMENCING SITE WORK.
9. NO PENETRATIONS THROUGH FOUNDATION ELEMENTS ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM E.O.R..
10. SHOP DRAWINGS SHALL BE COORDINATED WITH PRC DRAWINGS, SITE PLAN DRAWINGS, AND LANDSCAPE ARCHITECTURAL DRAWINGS FOR TOP OF FOOTING WALL ELEVATIONS AND DIMENSIONS.
11. NOTIFY EOR IF BOTTOM OF FOOTING SUPERIMPOSES EXISTING WALL.
12. PROVIDE DRAINAGE AND WATERPROOFING AS REQUIRED. SEE ARCHITECTURAL PLAN, MEP PLANS, AND GEOTECHNICAL REPORT.
13. DEWATERING DESIGN, IF REQUIRED, SHALL BE PROVIDED BY OTHERS.

CAST-IN-PLACE CONCRETE AND REINFORCING NOTES:

1. CONCRETE REQUIREMENTS:
 - 1.1. MINIMUM 28 DAY COMPRESSIVE STRENGTH, F'C: 4000 PSI, U.N.O.
 - 1.1.1. ALL CONCRETE SHALL BE NORMAL WEIGHT U.N.O
 - 1.2. ALL CONCRETE EXPOSED TO FREEZE/THAW CYCLES SHALL HAVE 6% AIR-ENTRAINMENT (±1.5%).
 - 1.3. CONCRETE MIX DESIGN(S) SHALL BE SUBMITTED TO E.O.R. FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION OF ANY CONCRETE ELEMENTS. CONCRETE STRENGTH FOR MIX DESIGN SHALL BE PER THE LATEST VERSION OF ACI 214'S REQUIREMENTS. IF MULTIPLE MIX DESIGNS ARE TO BE PROVIDED, CONTRACTOR SHALL CLEARLY IDENTIFY THE LOCATIONS AND ELEMENTS THAT THE MIX PERTAINS TO.
2. ALL CONCRETE SHALL BE REINFORCED AND ERECTED IN ACCORDANCE WITH THE NYS BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AS ADOPTED BY ACI 318 AND LOCAL CODES.
3. LOAD AND RESISTANCE FACTOR DESIGN (LRFD) WAS USED TO ANALYZE ALL CONCRETE COMPONENTS.
4. ALL CONCRETE WORK SHALL CONFORM TO ACI 301 STANDARD SPECIFICATIONS FOR REINFORCED CONCRETE.
5. ALL CONCRETE SHALL USE PORTLAND CEMENT TYPE II. CONCRETE SHALL BE PROPORTIONED, BATCHED, AND MIXED BY METHOD I OR II OF THE NYS BUILDING CODE. SUBMIT MIX DESIGN AND COMPRESSION TEST RESULTS AS REQUIRED.
6. ALL REINFORCING STEEL SHALL BE DEFORMED HIGH BOND BARS ROLLED FROM NEW BILLET OR INTERMEDIATE GRADE STEEL TO MEET LATEST ASTM SPECIFICATIONS A-615, GRADE 60.
7. SPLICES SHALL BE IN CONFORMANCE WITH ACI 318 AND SPLICE LENGTH TABLES SHOWN ON S101.
8. PROVIDE CORNER REINFORCEMENT AT WALL INTERSECTIONS AS SHOWN IN TYPICAL WALL INTERSECTION REINFORCEMENT DETAILS ON S101.
9. ALL DETAILS OF REINFORCEMENT AND ACCESSORIES SHALL BE FABRICATED AND PROVIDED IN ACCORDANCE WITH THE MANUAL OF STANDARD PRACTICE FOR DETAILING.
10. SHOP DRAWINGS SHALL MEET REQUIREMENTS OF ASTM A-185. SHOP DRAWINGS ON ALL CONCRETE REINFORCING MUST BE SUBMITTED FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION. SHOP DRAWINGS SHALL INCLUDE, BUT NOT LIMITED TO, REBAR PLACEMENT, CAST-IN INSERTS/ANCHORS, COLD JOINT LOCATIONS PROPOSED BY CONTRACTOR, AND TOP OF WALL ELEVATIONS.
11. BEFORE POURING CONCRETE, ANY REQUIRED PENETRATIONS SHALL BE SUBMITTED TO E.O.R. FOR REVIEW AND APPROVAL.
12. THE LATEST VERSION OF ACI 305R SHALL BE FOLLOWED FOR HOT WEATHER CONCRETING AND THE LATEST VERSION OF ACI 306R SHALL BE FOLLOWED FOR COLD WEATHER CONCRETING WHEN APPLICABLE.
13. NONPRESTRESSED CAST-IN-PLACE CONCRETE MEMBERS SHALL HAVE A CLEAR CONCRETE COVER FOR REINFORCEMENT AS SPECIFIED IN THE TABLE ON S101.

INSPECTION NOTES:

1. PRIOR TO START OF FOUNDATION CONSTRUCTION, THE SUBGRADE SHOULD BE INSPECTED TO ENSURE THAT IT MEETS THE CRITERIA PROVIDED IN THE GEOTECHNICAL REPORT.
2. REBAR SHALL BE INSPECTED PRIOR TO POURING CONCRETE. ANY DEVIATIONS FROM THE STRUCTURAL DRAWINGS SHOULD BE DOCUMENTED AND SUBMITTED TO E.O.R. FOR REVIEW.
3. CONCRETE MIX DESIGN SHALL BE SUBMITTED PRIOR TO POURING CONCRETE (SEE CAST-IN-PLACE CONCRETE AND REINFORCING NOTES). A COPY OF THE CONCRETE TICKETS SHALL BE PROVIDED TO E.O.R. FOR REVIEW.

Project:
CITY OF BEACON, NEW YORK
SOUTH AVENUE PARK IMPROVEMENTS

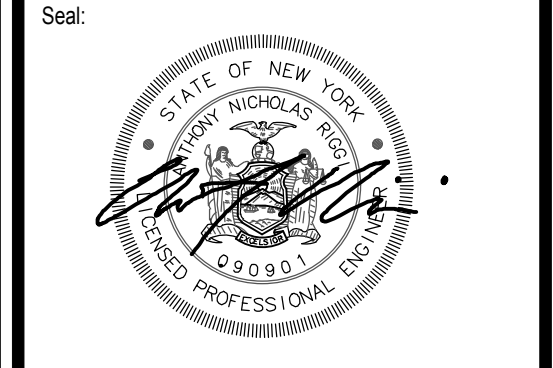
PROJECT 4 - COURT IMPROVEMENTS & RESTROOM FACILITY
COB BID NO. 2025-004
SOUTH AVENUE PARK,
BEACON, NY 12508

Weston & Sampson
Weston & Sampson PE, LS, LA, Architects, PC
1 Winners Circle, Suite 130
Albany, NY 12205
518.463.4400 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:		
No.	Date	Description
1	3/21/2025	ADDENDUM No. 1

COA:
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Issued For:
CONTRACT DOCUMENTS

Scale: AS NOTED

Date: FEBRUARY 28, 2025
Drawn By: HC
Reviewed By: AR
Approved By:
W&S Project No.: ENG24-0416
W&S File No.:

Drawing Title:
FOUNDATION PLAN

Sheet Number:
S001

Consultants:


No.	Date	Description
1	3/21/2025	ADDENDUM No. 1

COA:

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Seal:



Issued For:
CONTRACT DOCUMENTS

Scale: AS NOTED

Date: FEBRUARY 28, 2025
Drawn By: HC
Reviewed By: AR
Approved By:

W&S Project No.: ENG24-0416
W&S File No.:

Drawn By: HC
Reviewed By: AR
Approved By:

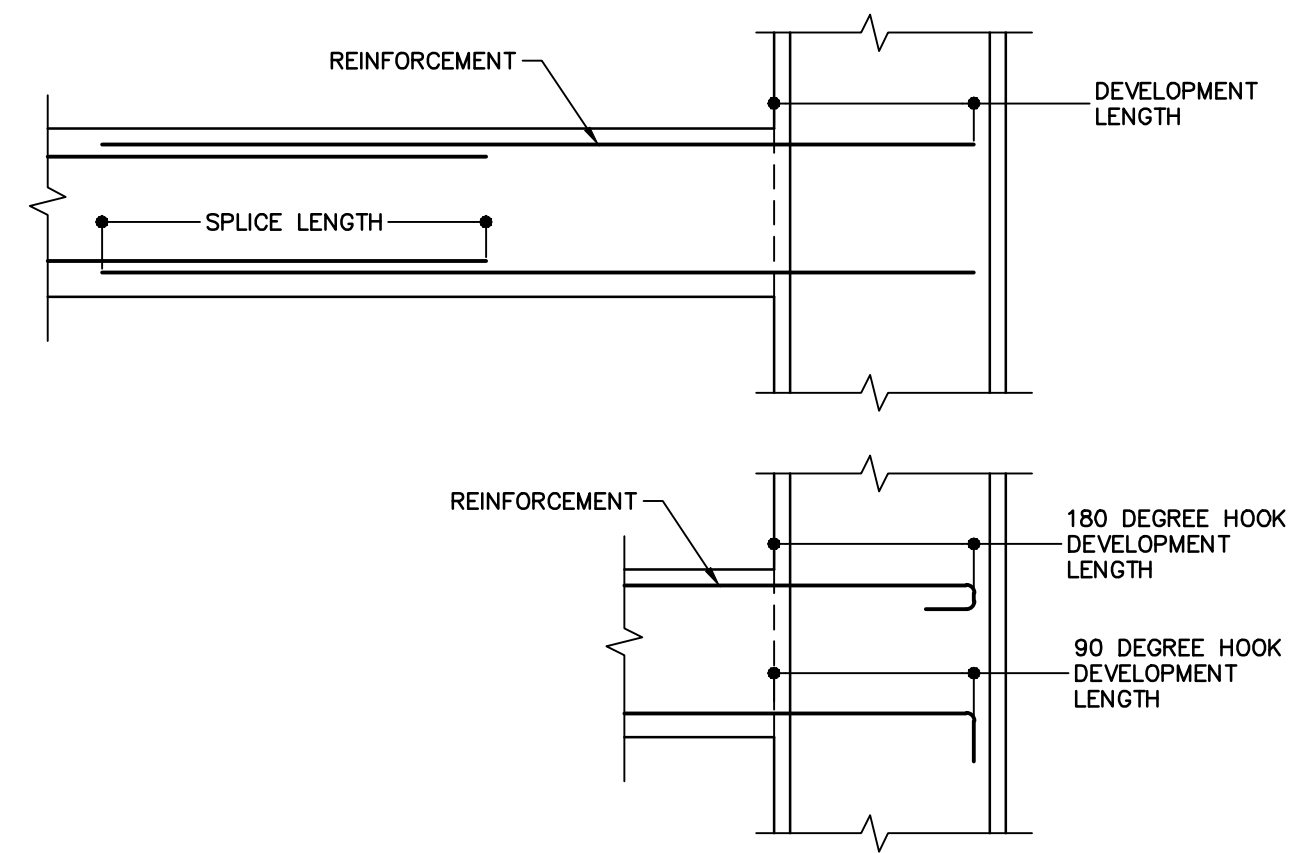
Date: FEBRUARY 28, 2025
Drawn By: HC
Reviewed By: AR
Approved By:

W&S Project No.: ENG24-0416
W&S File No.:

Drawing Title:
FOUNDATION DETAILS

CONCRETE COVER FOR NONPRESTRESSED CAST-IN-PLACE CONCRETE MEMBERS

CONCRETE EXPOSURE	MEMBER	REINFORCEMENT	SPECIFIED COVER (INCH)
CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	ALL	ALL	3
		#6 THROUGH #18 BARS	2
EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	ALL	#5 BAR, W31 OR D31 WIRE, AND SMALLER	1½
		#14 AND #18 BARS	1½
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	SLABS, JOISTS, AND WALLS	#14 AND #18 BARS	1½
		#11 BAR AND SMALLER	¾
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	BEAMS, COLUMNS, PEDESTALS, AND TENSION TIES	PRIMARY REINFORCEMENT, STIRRUPS, TIES, SPIRALS, AND HOOKS	1½



SPlice LENGTH AND DEVELOPMENT LENGTH DETAILS

PROPERTIES: $f_c = 4,000\text{PSI}$ $f_y = 60\text{KSI}$

BAR SIZE	HOOKED DEVELOPMENT LENGTH UNCOATED BARS	
	"TOP" *	OTHER
#3	7"	
#4	10"	
#5	12"	
#6	15"	
#7	17"	
#8	19"	
#9	22"	
#10	24"	
#11	27"	
#14	32"	
#18	43"	

HOOKED BAR DEVELOPMENT LENGTH TABLE

- NOTES:
- HOOKED DEVELOPMENT LENGTH TABLE IS APPLICABLE TO 180 DEGREE AND 90 DEGREE HOOKS.
 - HOOKED BAR DEVELOPMENT TABLE IS BASED ON ACI 318-14 SECTION 25.4.3.
 - TABLE IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.33.
 - TABLE IS BASED ON 60KSI REINFORCEMENT. FOR 75KSI REINFORCEMENT, MULTIPLY THE TABULATED VALUES BY 1.25.

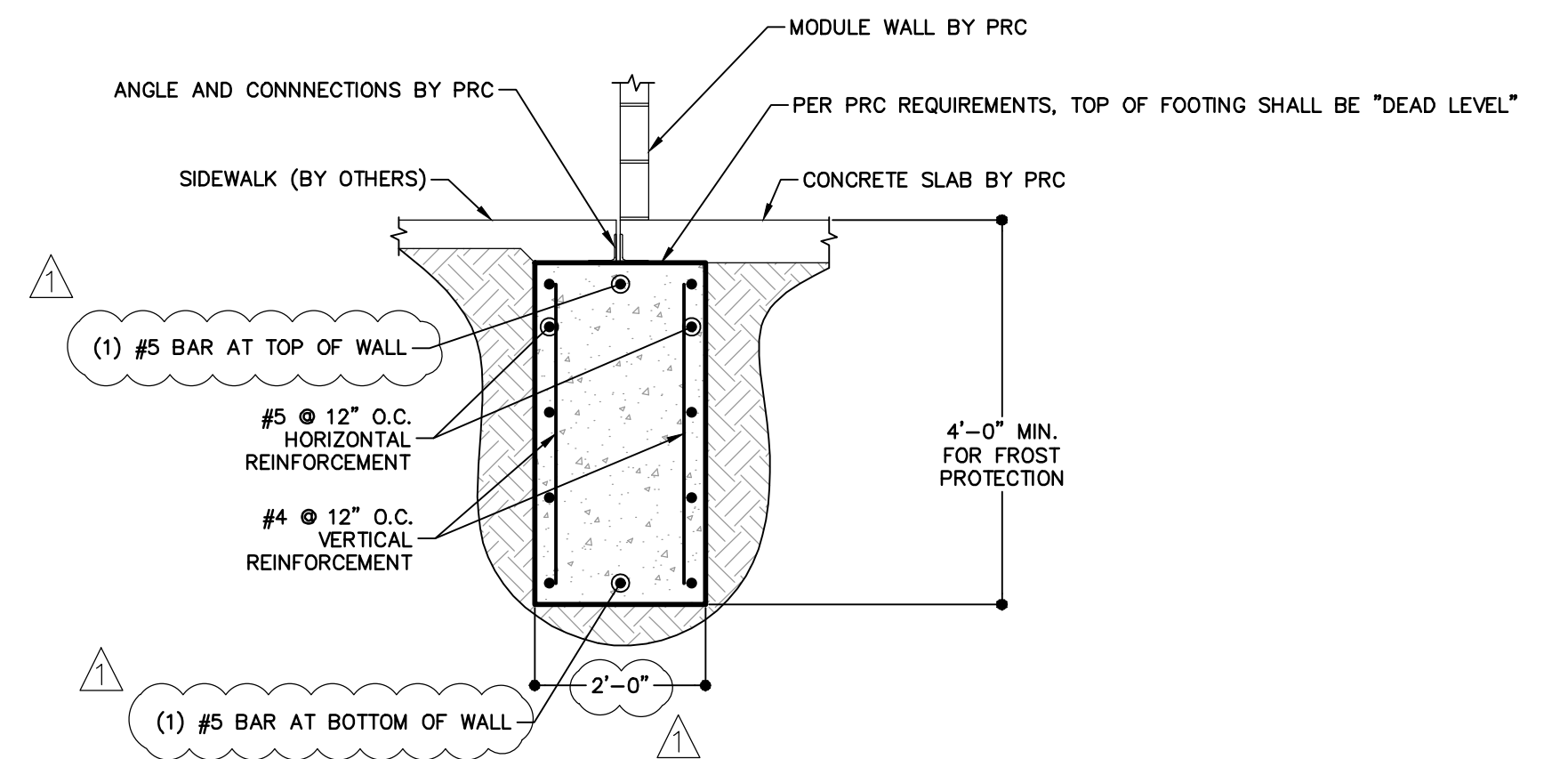
PROPERTIES: $f_c = 4,000\text{PSI}$ $f_y = 60\text{KSI}$ NORMAL WEIGHT CONCRETE

BAR SIZE	DEVELOPMENT LENGTH				SPlice LENGTH				
	UNCOATED BARS CASE 1 **		UNCOATED BARS CASE 2		UNCOATED BARS CASE 1 **		UNCOATED BARS CASE 2		
	"TOP" *	OTHER	"TOP" *	OTHER	"TOP" *	OTHER	"TOP" *	OTHER	
#3	19"	15"	28"	22"	#3	24"	19"	36"	28"
#4	25"	19"	37"	29"	#4	32"	25"	48"	37"
#5	31"	24"	47"	36"	#5	40"	31"	60"	47"
#6	37"	29"	56"	43"	#6	48"	37"	72"	56"
#7	54"	42"	81"	63"	#7	70"	54"	106"	81"
#8	62"	48"	93"	71"	#8	80"	62"	121"	93"
#9	70"	54"	105"	81"	#9	91"	70"	136"	105"
#10	79"	61"	118"	91"	#10	102"	79"	153"	118"
#11	87"	67"	131"	101"	#11	113"	87"	170"	131"
#14	105"	81"	157"	121"	#14				
#18	139"	107"	209"	161"	#18				

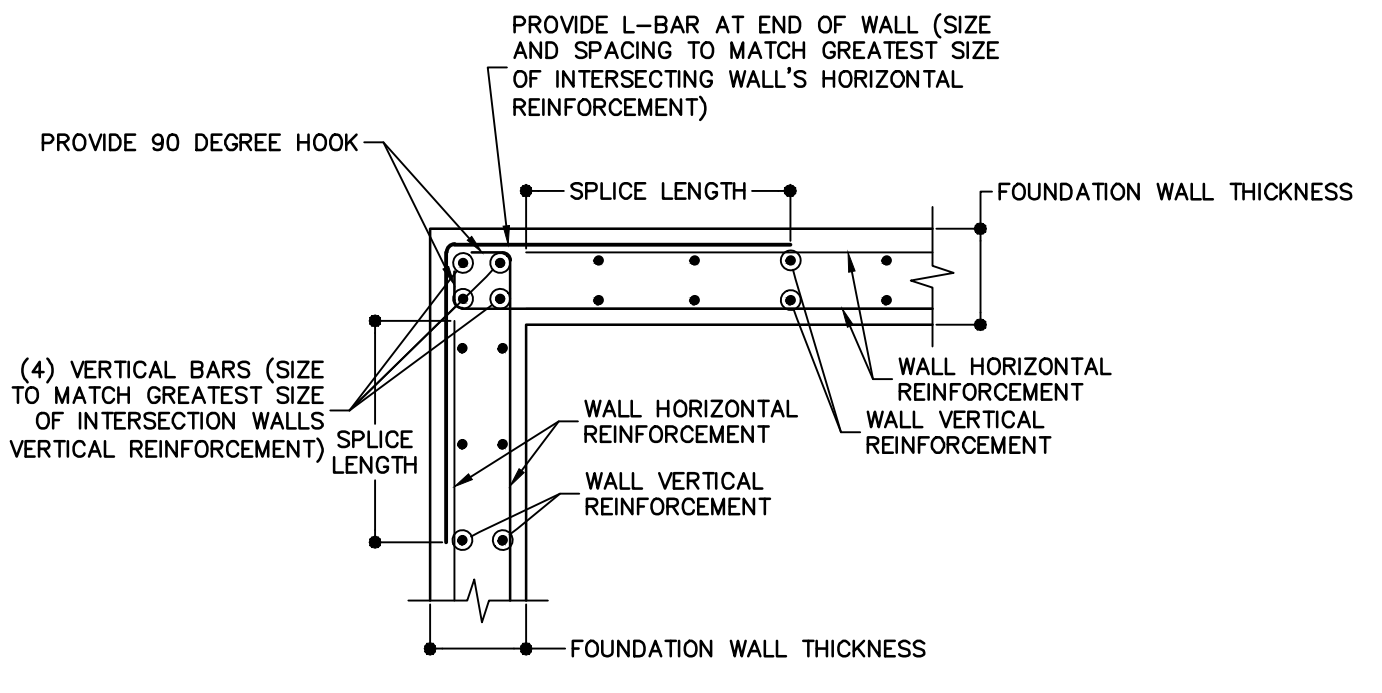
MECHANICAL SPlice REQUIRED

TENSION DEVELOPMENT AND SPlice LENGTH TABLE

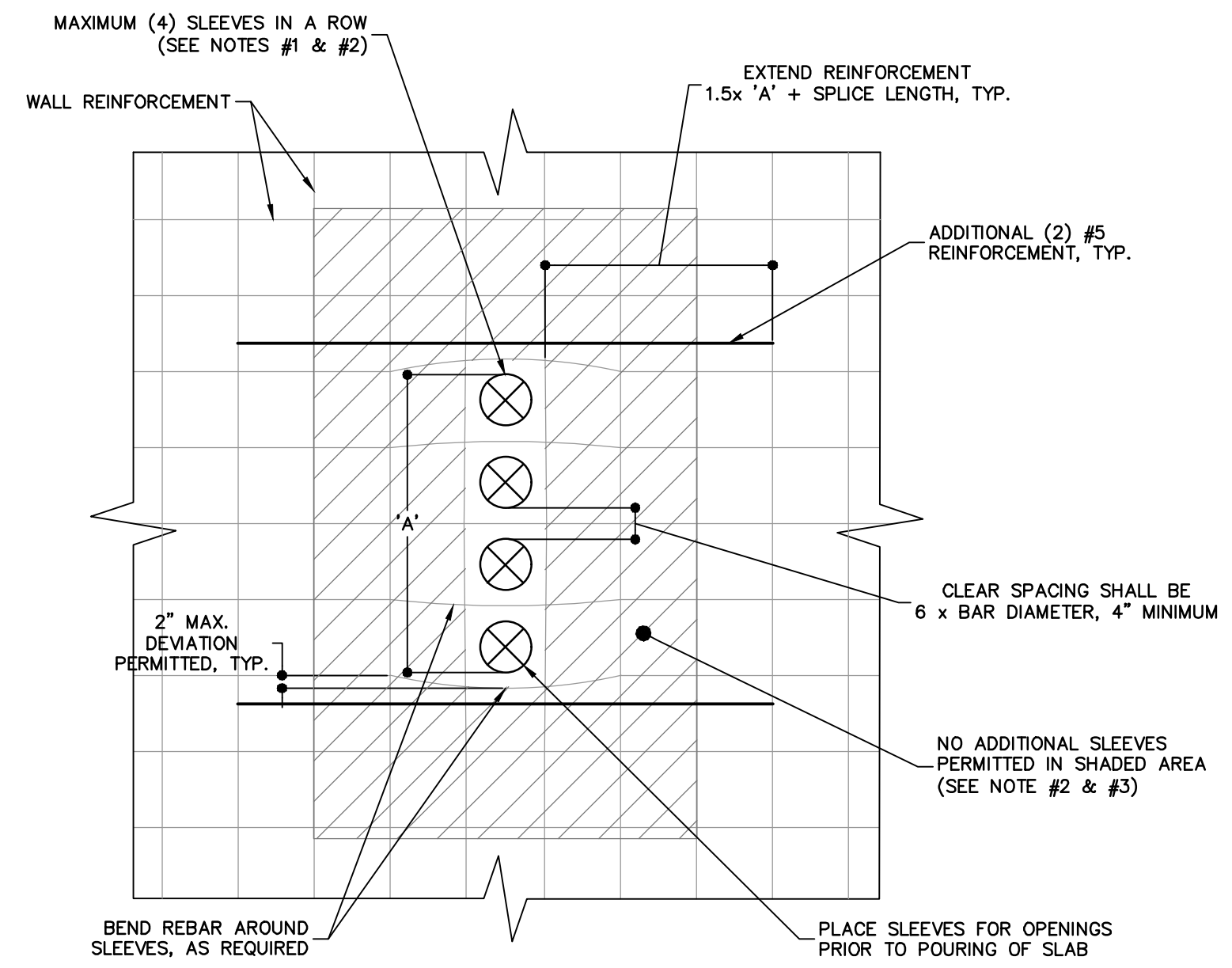
- * "TOP" BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BARS.
** THE FOLLOWING REQUIREMENTS MUST BE MET TO USE CASE 1 VALUES
BAR COVER IS GREATER THAN THE BAR DIAMETER
BAR SPACING IS AT LEAST 2X BAR DIAMETER (BEAMS AND COLUMNS)
BAR SPACING IS AT LEAST 3X BAR DIAMETER (ALL OTHER BARS)
- NOTES:
- TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPlice LENGTHS ARE CALCULATED PER ACI 318-14, SECTION 25.4.2 AND 25.5.2, RESPECTIVELY.
 - TABLE IS BASED ON NORMAL WEIGHT CONCRETE. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.33.
 - TABLE IS BASED ON 60KSI REINFORCEMENT. FOR 75KSI REINFORCEMENT, MULTIPLY THE TABULATED VALUES BY 1.25.
 - SPliced BARS ARE PERMITTED TO BE SPaced AT A MAXIMUM OF THE LESSER OF 1/5 THE SPlice LENGTH PROVIDED IN THE TABLE ABOVE OR 6" APART.



F-1: CONTINUOUS WALL FOOTING DETAIL

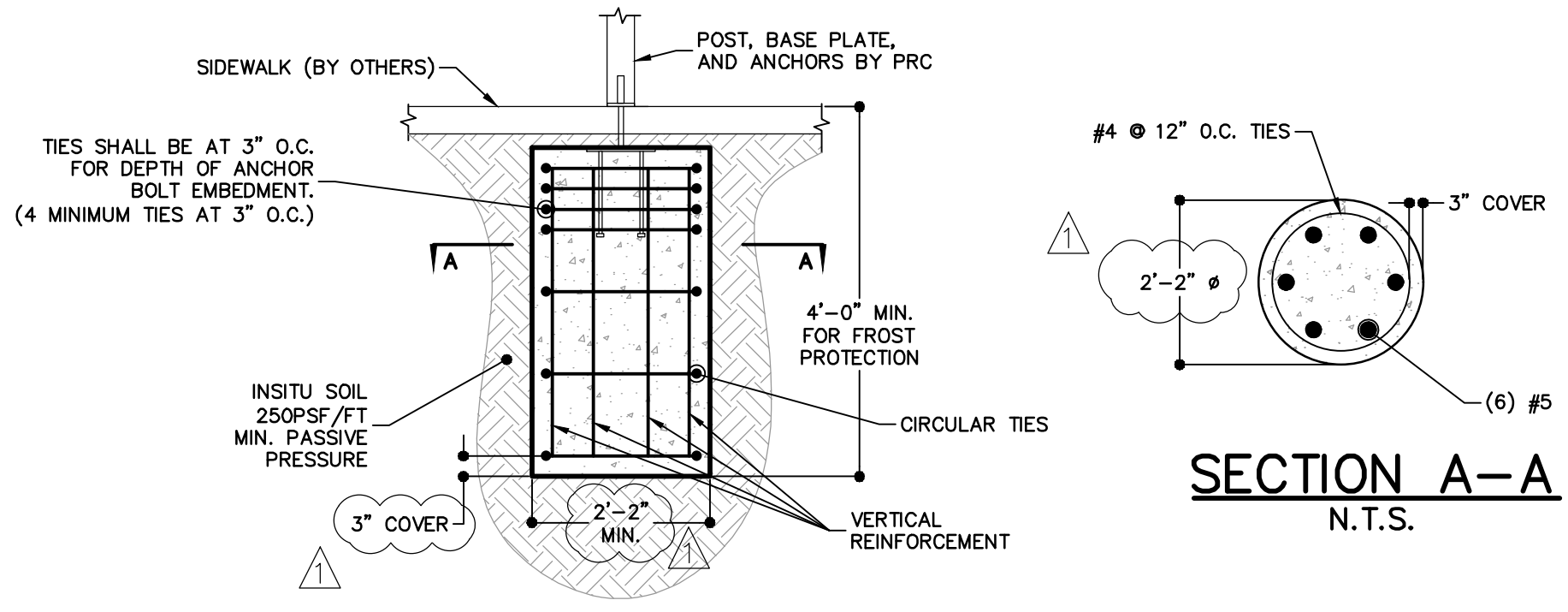


TYPICAL WALL CORNER REINFORCEMENT DETAIL
N.T.S.



TYPICAL PLUMBING PENETRATION OPENING DETAIL IN FOUNDATION WALL
N.T.S.

- NOTES:
- WHERE MORE THAN (4) SLEEVES ARE REQUIRED IN A LINE, THERE SHALL BE THE GREATER OF 12" OR 2 x BAR SPACING BETWEEN SETS OF (4) SLEEVES.
 - WHERE MULTIPLE PARALLEL LINES OF SLEEVES ARE REQUIRED, THERE SHALL BE THE GREATER OF 12" OR 2 x BAR SPACING BETWEEN SETS OF (4) SLEEVES.



F-2: POST SONOTUBE FOOTING DETAIL

SECTION A-A
N.T.S.

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