

Robertson County Tennessee

Jody Stewart, Finance Director

Finance Department

523 South Brown Street, Springfield, TN 37172

(615) 384-0202 Fax (615) 384-0237

MAIL DATE: 1/29/2016

Baseball/Softball Field Backstop Improvements

Sealed bids must be received by: **2/15/2016 at 10:00 AM**

Robertson County Finance Office

523 South Brown Street

Springfield, TN 37172

THE OUTSIDE OF THE ENVELOPE MUST BE MARKED WITH THE BIDDER'S COMPANY NAME, ITEM BID, TIME OF BID OPENING, DATE OF BID OPENING, BID NO. 1315 AND MUST BE MARKED "SEALED BID, DO NOT OPEN."

Bids are opened and read aloud to the public at the Robertson County Finance Office, 523 S. Brown Street, Springfield, TN 37172 immediately after the bid receipt deadline. Each vendor may submit more than one bid provided each bid meets the stated specifications. Each bid must be submitted in a separate sealed envelope with the appropriate notation on the outside. All bids must be signed by an authorized agent and submitted on the prescribed forms. Submission of bids by telegraph, telephone, or other electronic means is strictly prohibited. Please enclose a stamped, self addressed envelope to receive a completed bid tabulation form. Any brand name called for the bid specifications is provided as a reference only. Alternate brand name items offered for bid must be equivalent as to function, basic design, type and quality of material, method of construction, and any required dimensions. Bidder must attach a letter of exception to specifications.

For assistance with technical / product information contact Jimmy Finch, Supervisor, Schools - Building & Grounds at (615)384-0213. For assistance with bid procedures contact Cheryl Moon, Robertson County Finance Office at (615) 384-0202 or by email: cheryl.moon@robertsoncountyttn.org.

Note: Robertson County reserves the right to reject any or all bids, to waive any technicalities or informalities, and to accept any bid deemed in the best interest of the County. All bids will be considered in accordance with Title VI and without regard to age, sex, color, race, creed, national origin, religious persuasion, marital status, political belief, or disability that does not prohibit the performance of duty.

Robertson County is accepting sealed bids for the following:

Baseball / Softball Field Backstop Improvements at Two Schools

See attached SCOPE OF WORK included with DRAWINGS.

- Bid must match exactly or exceed specifications
- Delivery must be made to the vendor’s location and delivered to the job site during installation. The bidder will be responsible for receiving any equipment or materials and the storage thereof.
- Material shall be installed per manufacturer’s specifications.
- Proof of Liability Insurance of One Million Dollars must be included with bid.
- Proof of Workers’ Compensation Insurance must be included with bid OR proof of registration with the State of Tennessee if bidder is exempt from Workers’ Compensation Insurance requirements.
- Bidder will be responsible for identifying any utility lines prior to installation.
- Bidder must contact school principal to identify the installation location of equipment prior to installation.
- All trash and construction debris must be removed from each job site and disposed of daily.
- Price and quality of the equipment is essential; however, availability of products and ability to perform on schedule will be weighed into the award process.
- Include guarantees, warranty information or any other additional information with bid.

LUMP SUM PRICE for WHITE HOUSE HERITAGE HIGH SCHOOL \$ _____

LUMP SUM PRICE for EAST ROBERTSON HIGH SCHOOL \$ _____

TOTAL LUMP SUM PRICE \$ _____ F.O.B. Complete

Estimated Days from Purchase Order to Completion _____

Proposal good for _____ months

NON-COLLUSION AFFIDAVIT

The agent of the bidding firm hereby certifies to the best of his/her knowledge and belief that this bid proposal to Robertson County, Tennessee has not been prepared in collusion with any other seller of similar products. The agent also certifies that the prices, terms and conditions of said bid proposal have not been communicated by the undersigned, nor by any employee or agent of the bidding firm, to any other seller of similar products and will not be communicated to any such seller prior to the official opening of said bid. The agent further states that no official or employee of Robertson County Government has promised any personal financial or other beneficial interest, either directly or indirectly in order to influence award of this bid.

COMPANY NAME _____ DATE _____

AUTHORIZED SIGNATURE, TITLE _____

Printed Name _____

ADDRESS _____

TELEPHONE _____ FAX _____

EMAIL ADDRESS: _____

BASEBALL/SOFTBALL FIELD BACKSTOP IMPROVEMENTS

AT

WHITE HOUSE HERITAGE HIGH SCHOOL

AND

EAST ROBERTSON HIGH SCHOOL

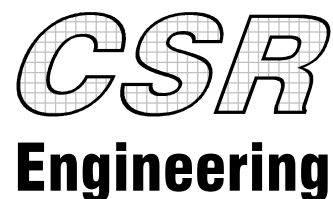
FOR THE

ROBERTSON COUNTY SCHOOLS

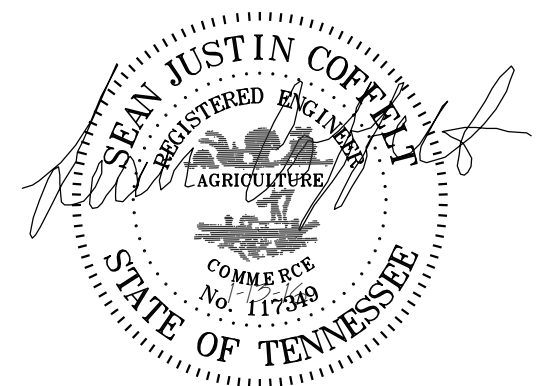
ROBERTSON COUNTY, TN

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1.	TITLE SHEET
2.	LOCATION MAP AND GENERAL NOTES
<u>WHITE HOUSE HERITAGE HIGH SCHOOL</u>	
3.	PLAN AND ELEVATION
4.	FOOTING TYPE "A"
5.	FOOTING TYPE "B"
<u>EAST ROBERTSON HIGH SCHOOL</u>	
6.	PLAN AND ELEVATION
7.	FOOTING TYPE "R"
8.	FOOTING TYPE "S"
8.	FOOTING TYPE "T"



CSR Engineering, Inc.
1116 Main Street
Pleasant View, TN 37146
P: 615.212.2389
F: 615.246.3815
www.csrengineers.com



SCOPE OF WORK

THE CONTRACTOR'S WORK TO BE PERFORMED UNDER THIS PROJECT WILL CONSIST OF FURNISHING ALL EQUIPMENT, LABOR, MATERIALS, TOOLS AND SUPERVISION NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED BACKSTOP IMPROVEMENTS FOR WHITE HOUSE HERITAGE HIGH SCHOOL AND EAST ROBERTSON HIGH SCHOOL AS SHOWN IN THESE PLANS AND SPECIFICATIONS.

- REMOVE EXISTING NETTING AND POLES AND DISPOSE OFF-SITE IN A LEGAL MANNER
- REMOVE EXISTING BLOCK WALLS AND WALL FOOTINGS AS REQUIRED TO CONSTRUCT NEW POST FOOTINGS
- DRILL HOLES FOR CAISSONS TO SPECIFIED DEPTHS
- FORM AND INSTALL REINFORCING FOR CONCRETE FOOTING AS SHOWN
- PLACE CONCRETE AND INSTALL POLES AS SHOWN
- FORM AND PLACE NEW CONCRETE CAP ALONG EXISTING BLOCK WALL (ERHS ONLY)
- REPAIR WALL CAPS TO MATCH EXISTING IN OLD POLE LOCATIONS (WHHS ONLY)
- INSTALL NEW NETTING AND INCIDENTALS AS REQUIRED BY OWNER AND NETTING MANUFACTURER
- PLAY BALL

CONTRACTOR'S NOTES:

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, UTILITY LOCATIONS, AND ELEVATIONS PRIOR TO ORDERING ANY MATERIAL. IF A DISCREPANCY IS FOUND, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

ALL WORK SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL CODES AND LAWS. ALL NECESSARY LICENSES AND PERMITS NOT OBTAINED BY THE OWNER SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY OWNER.

ALL WORK BEING PERFORMED SHALL BE IN THE BEST RECOGNIZED TRADE PRACTICES AND TO THE ENTIRE SATISFACTION OF THE OWNER.

ANY DISTURBED AREAS DURING CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITIONS. NO ADDITIONAL PAYMENT WILL BE MADE.

GENERAL NOTES:

THE EXISTING SPLIT FACE BLOCK WALL SHALL BE SAW CUT AT EACH FOOTING LOCATION AND REPAIRED BACK FLUSH WITH THE POST FOUNDATION.

CAP BLOCKS SHALL BE INSTALLED IN EXISTING POLE LOCATIONS THAT ARE TO BE UNUSED (4 LOCATIONS). BLOCKS ARE TO BE REPLACED IN KIND AND INSTALLED PER TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

NETTING NOTES

NETTING IS TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS. THIS INCLUDES THE ADDITION OF NECESSARY GUY WIRES AND CABLES TO SECURELY FASTEN AND LIMIT SAGGING OF NETTING. THE TOP CABLE SHALL HAVE A MINIMUM SAG OF 1'-0".

POLE NOTES

ALL NEW POLES ARE TO BE SCHEDULE 80 GALVANIZED STEEL POST. PRIOR TO ORDERING MATERIAL, CONSULT WITH THE ROBERTSON COUNTY REPRESENTATIVE FOR FABRICATION ADDITIONS TO ATTACH PULLEY SYSTEM AND ALL REQUIRED HARDWARE.

ALL POLES SHALL BE 24' FROM TOP OF WALL WHEN COMPLETE. NO EXCEPTIONS

THE POLES SHALL BE EMBEDDED IN CONCRETE.

THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY BRACING POLES WHILE CONCRETE IS CURING TO ENSURE THEY ARE PLUMB.

CONCRETE NOTES

ALL CONCRETE SHALL BE TDOT CLASS "D" WITH A MAXIMUM SLUMP OF 8". SLUMP MAY ONLY BE INCREASED BY TDOT APPROVED ADMIXTURES.

THE ABOVE GRADE POST FOOTING AND CAISSON SHALL BE CAST MONOLITHICALLY. THE TOP OF POST FOOTING SHALL MATCH TOP OF WALL.

IF WATER TABLE IS ABOVE THE BOTTOM OF FOOTING, ALL WATER SHALL BE PUMPED OUT OF SHAFT PRIOR TO PLACING CONCRETE. THE TREMIE METHOD MAY BE USED TO PLACE CONCRETE IN LIEU OF PUMPING OUT WATER.

REINFORCING NOTE

ALL REBAR IS TO BE ASTM A615 GRADE 60.

ESTIMATED QUANTITIES		
DESCRIPTION	UNIT	TOTAL
MOBILIZATION (INCLUDES BOTH LOCATIONS)		
	L.S.	1
WHITE HOUSE HERITAGE HIGH SCHOOL		
CONCRETE CLASS "D" (FOOTINGS)	C.Y.	6.0
8" SCHEDULE 80 GALV. STEEL POST - 30'-6"	EACH	4
GRADE 60 STEEL REINFORCING	LBS.	686
EAST ROBERTSON HIGH SCHOOL		
CONCRETE CLASS "D" (FOOTINGS)	C.Y.	9.3
8" SCHEDULE 80 GALV. STEEL POST - 30'-6"	EACH	4
8" SCHEDULE 80 GALV. STEEL POST - 32'-6"	EACH	4
GRADE 60 STEEL REINFORCING	LBS.	1054

DESIGN LOADING NOTE

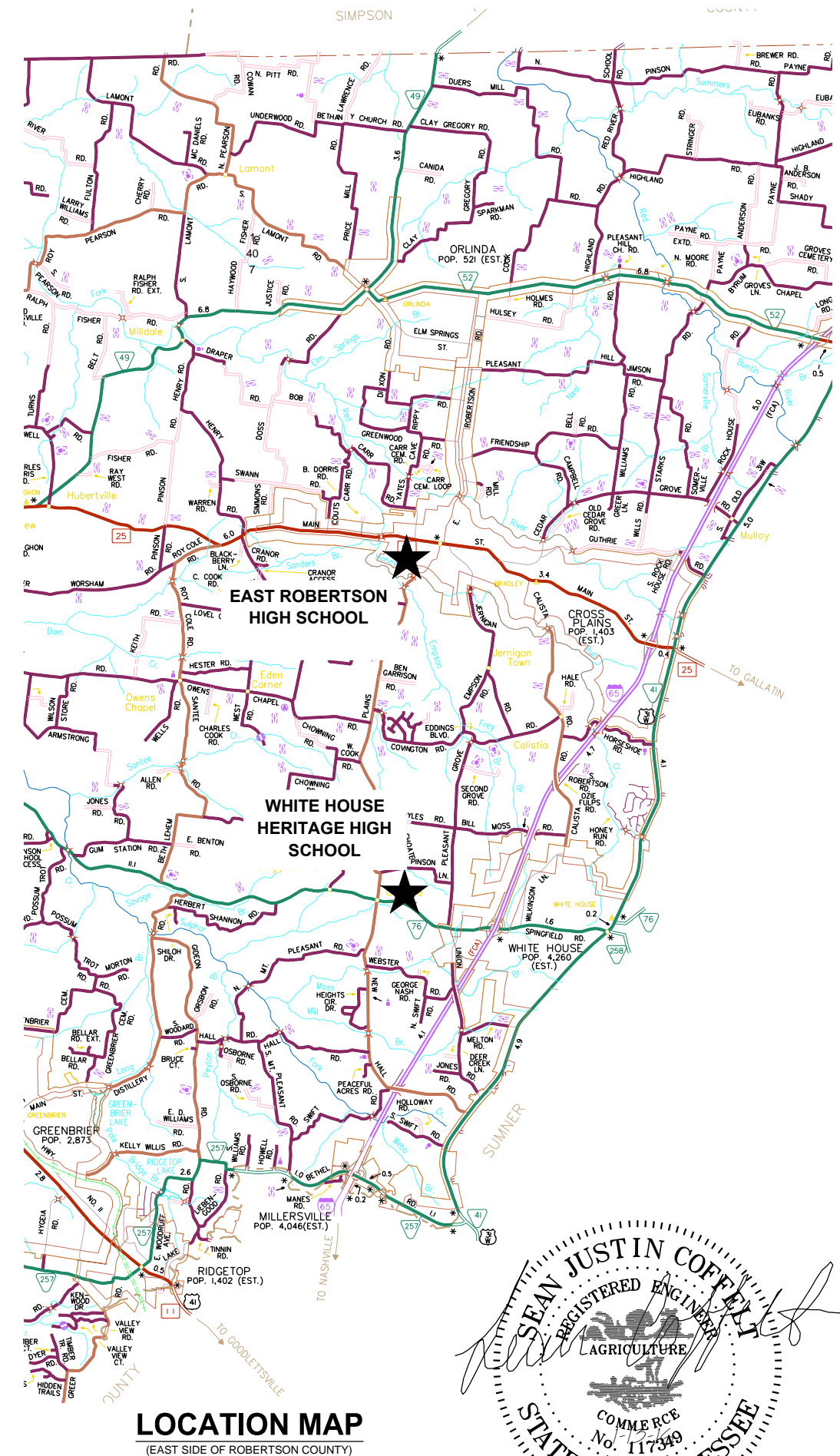
ALL DESIGN LOADING PER IBC 2012 and ASCE 7-10.

Wind speed 105 mph with 3 sec. gusts

RISK CATEGORY I

EXPOSURE CATEGORY C

ICE LOADING/WIND ON ICE LOADING WAS NOT CONSIDERED IN DESIGN, AS NETS WILL BE REMOVED DURING WINTER



CSR Engineering
 1116 Main Street
 Pleasant View, TN 37146
 P: 615.212.2389
 F: 615.246.3815
 www.csrengineers.com



LOCATION MAP AND GENERAL NOTES
 WHITE HOUSE HERITAGE HIGH SCHOOL
 EAST ROBERTSON HIGH SCHOOL
 BASEBALL/SOFTBALL FIELD
 BACKSTOP IMPROVEMENTS
 ROBERTSON COUNTY, TENNESSEE

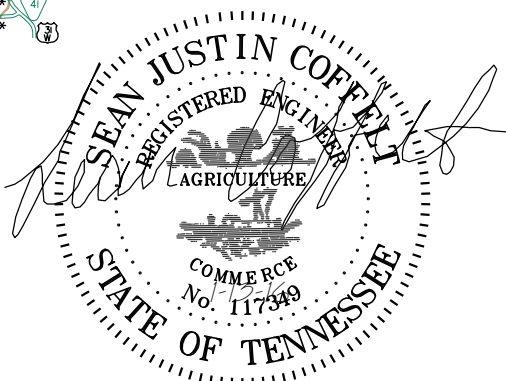
NO.	DATE	BY	DESCRIPTION

DESIGNER **SJC**
 REVIEWER **JLR**

PROJECT **15-202**

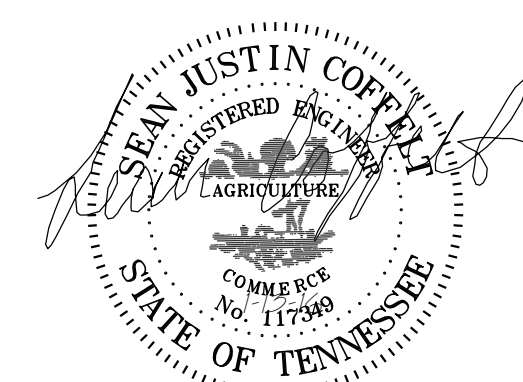
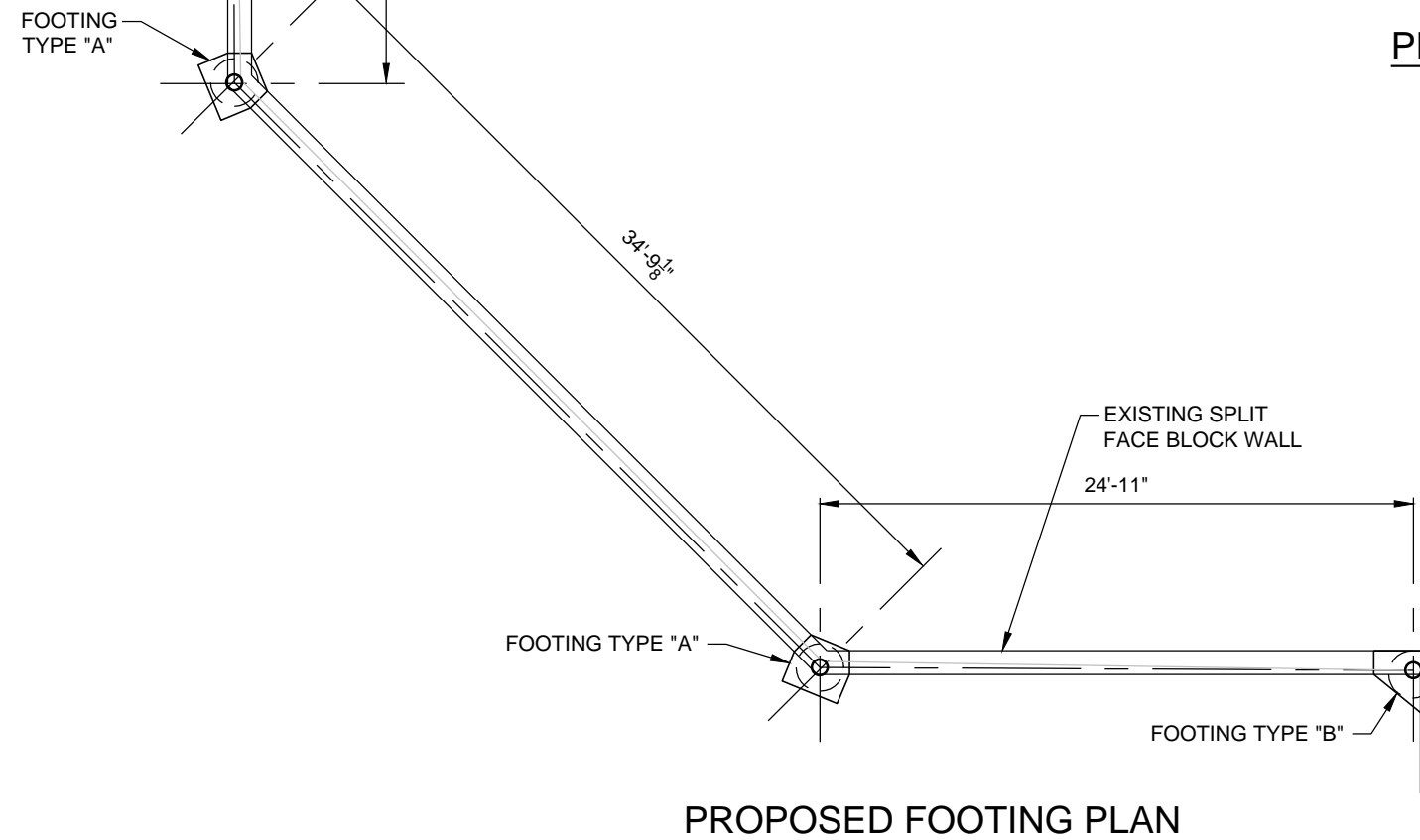
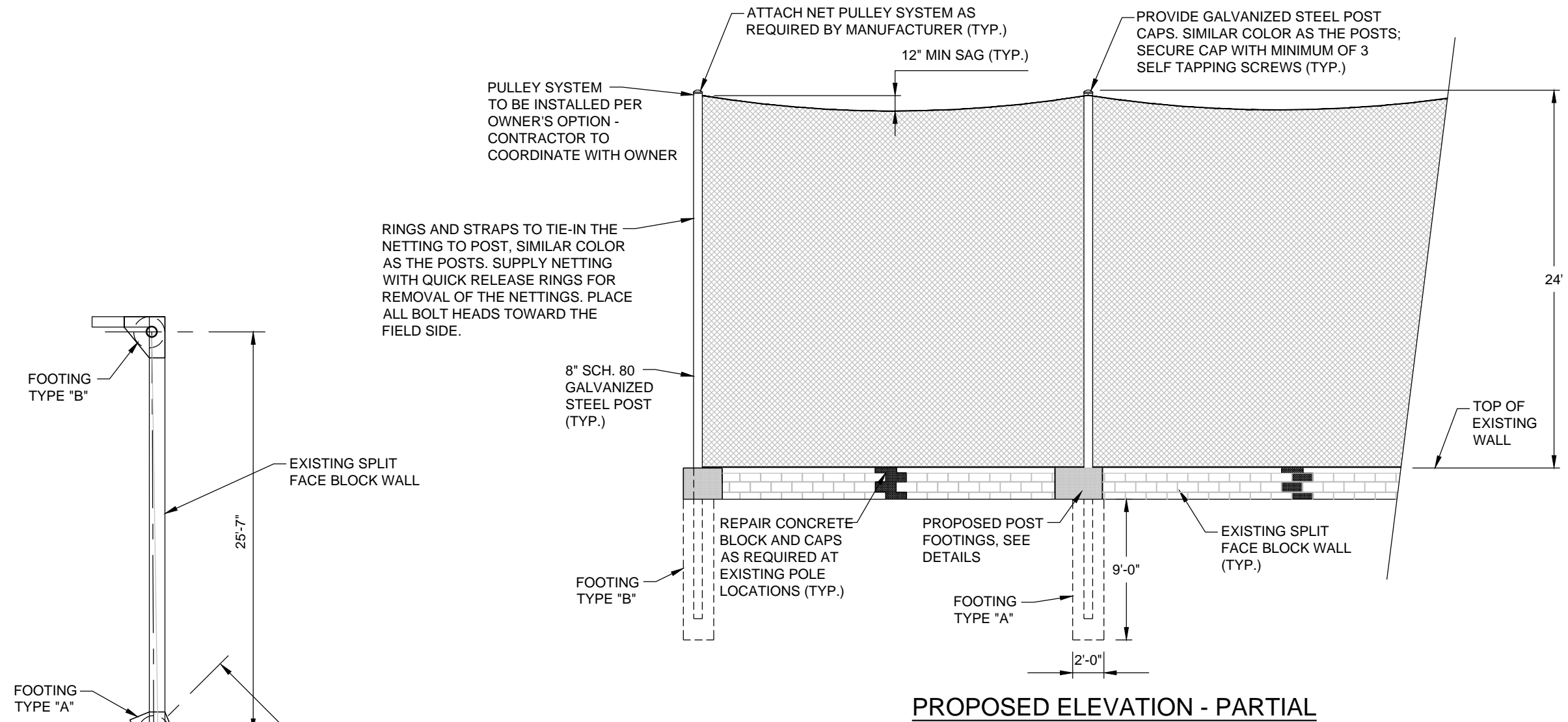
DATE **1-13-16**

SHEET **2 of 9**





PLAN AND ELEVATION
SOFTSTOP FIELD
BACKSTOP IMPROVEMENTS AT
WHITE HOUSE HERITAGE HIGH SCHOOL
WHITE HOUSE, TENNESSEE



NO.	DATE	BY	DESCRIPTION

DESIGNER **SJC**
REVIEWER **JLR**

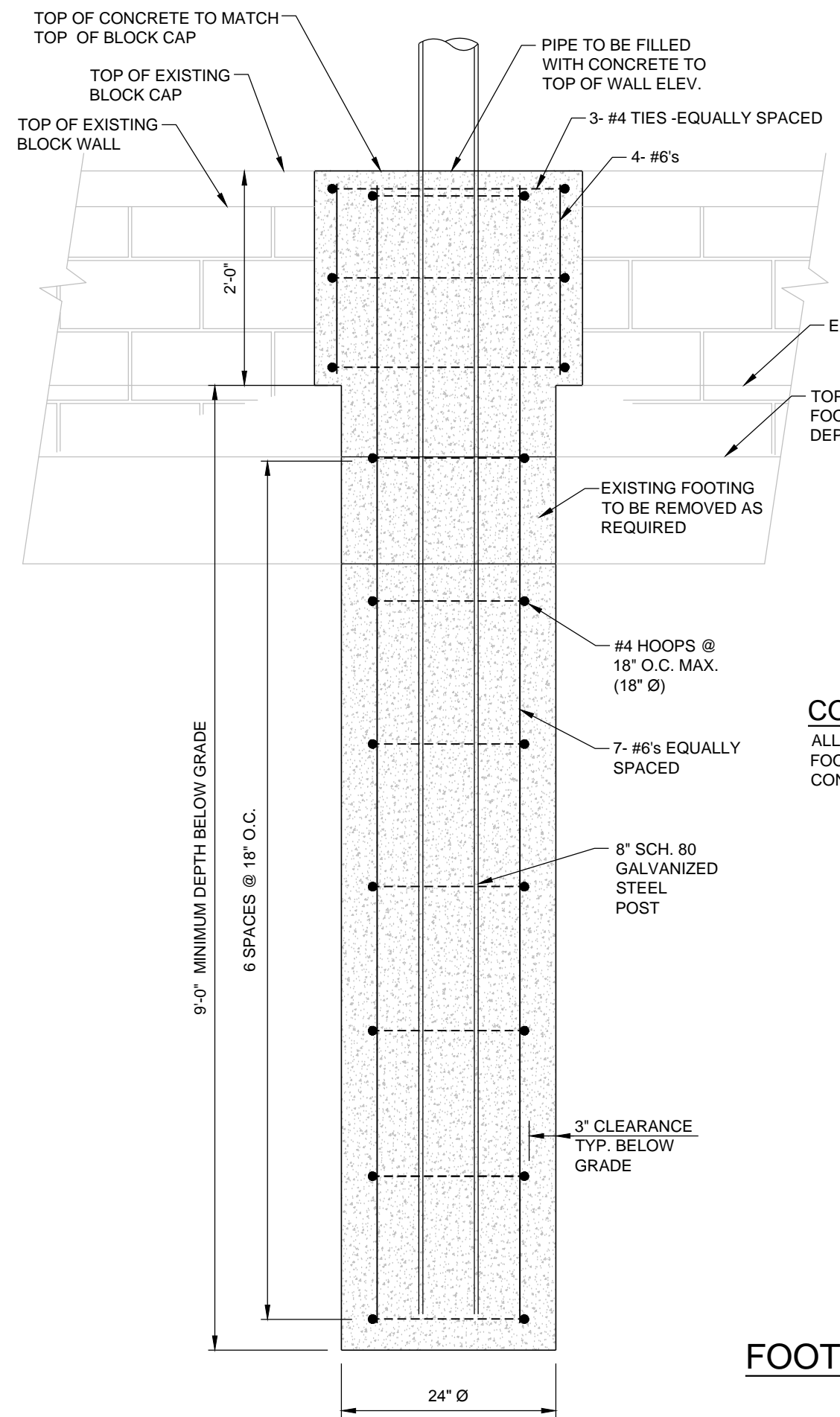
PROJECT **15-202**

DATE **1-13-16**

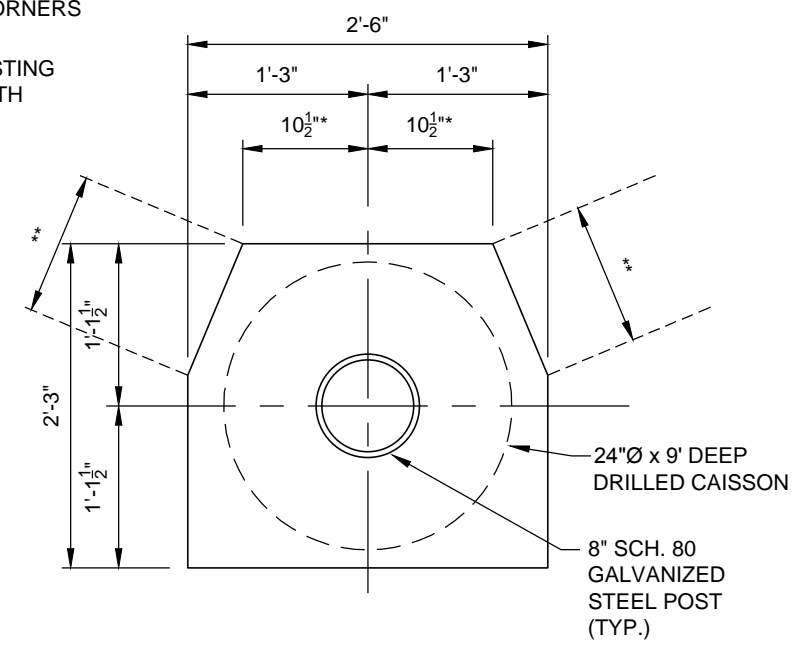
SHEET **3 of 9**



FOOTING TYPE "A"
SOFTBALL FIELD
BACKSTOP IMPROVEMENTS AT
WHITE HOUSE HERITAGE HIGH SCHOOL
WHITE HOUSE, TENNESSEE

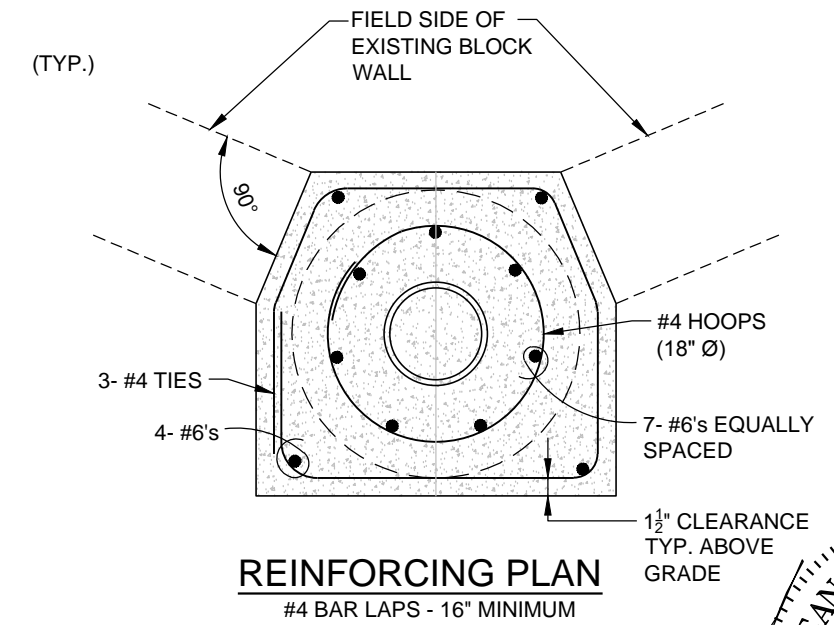


* FIELD ADJUST TO ELIMINATE OUTSIDE CORNERS
** MATCH EXISTING BLOCK WIDTH



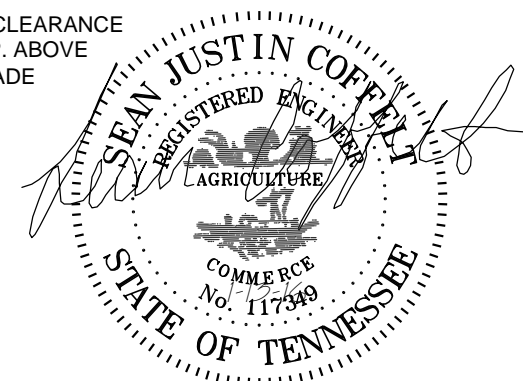
TOP PLAN

CONSTRUCTION NOTE
ALL CUTS TO EXISTING BLOCK AND FOOTINGS SHALL BE DONE WITH A CONCRETE SAW



REINFORCING PLAN
#4 BAR LAPS - 16" MINIMUM

FOOTING TYPE "A"



NO.	DATE	BY	DESCRIPTION

DESIGNER **SJC**
REVIEWER **JLR**

PROJECT **15-202**

DATE **1-13-16**

SHEET **4 of 9**



FOOTING TYPE "B"
SOFTBALL FIELD
BACKSTOP IMPROVEMENTS AT
WHITE HOUSE HERITAGE HIGH SCHOOL
WHITE HOUSE, TENNESSEE

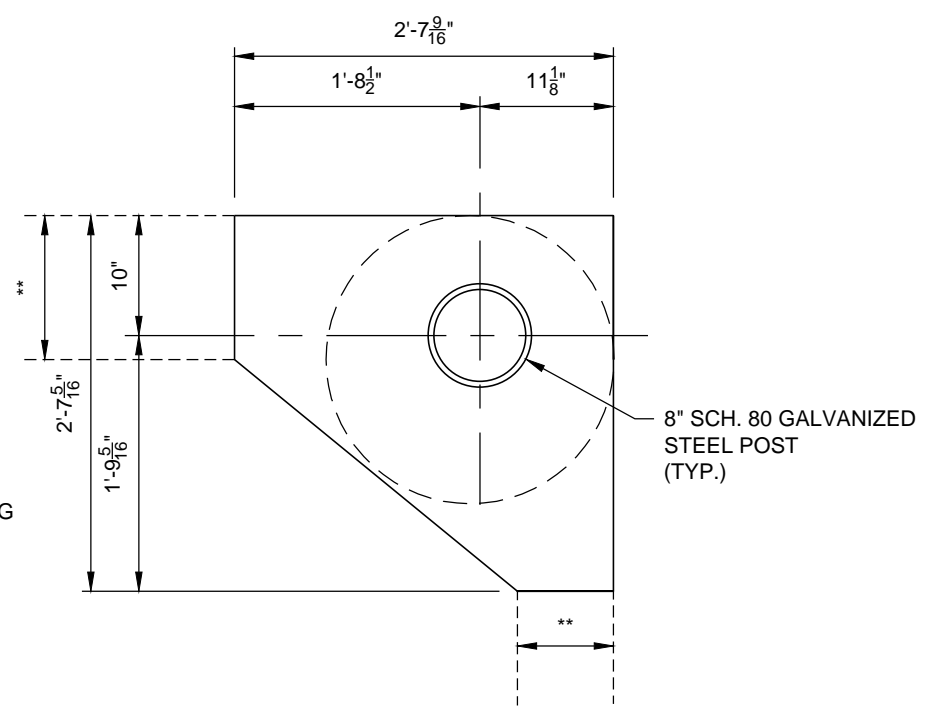
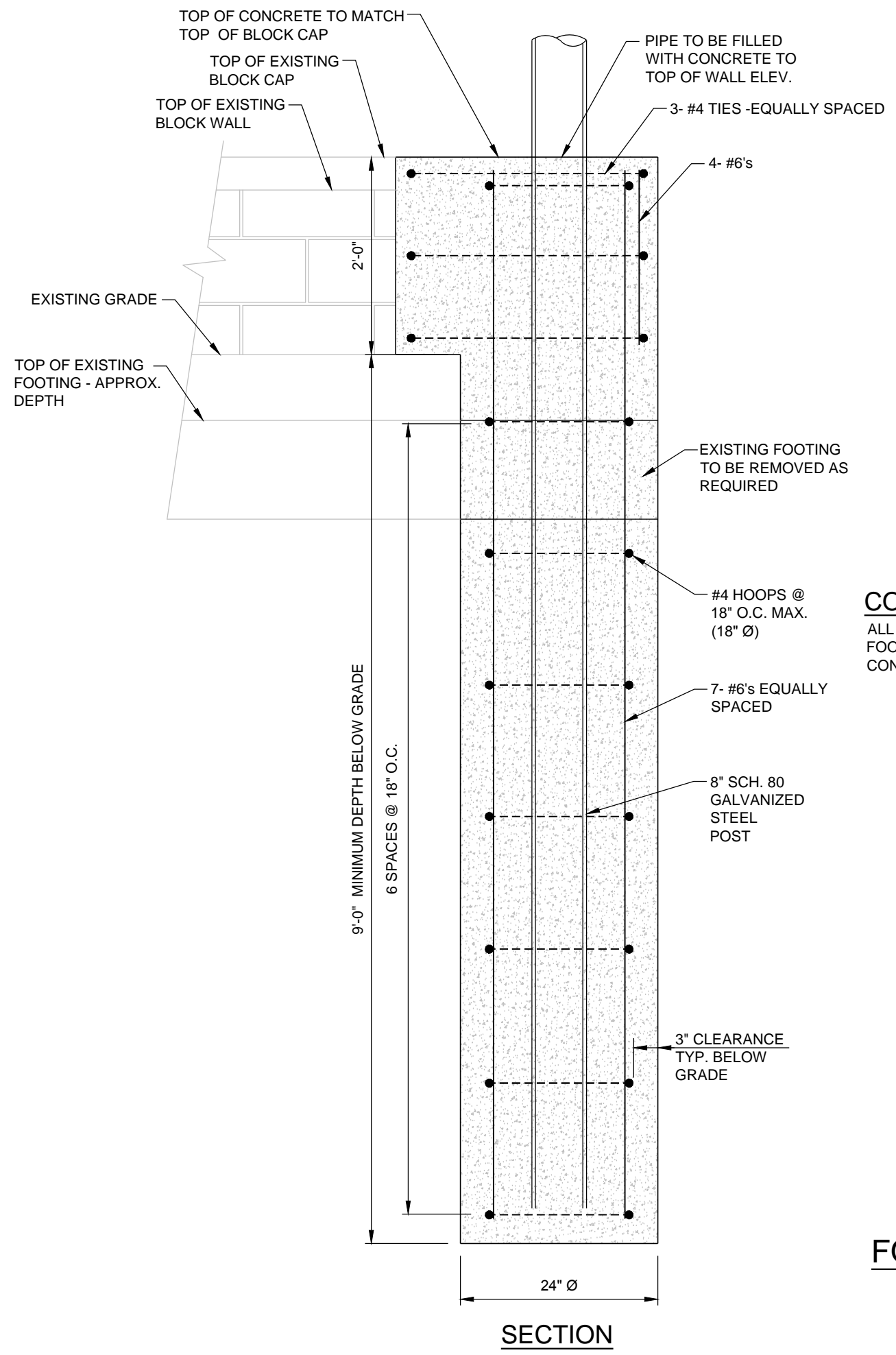
NO.	DATE	BY	DESCRIPTION

DESIGNER: **SJC**
REVIEWER: **JLR**

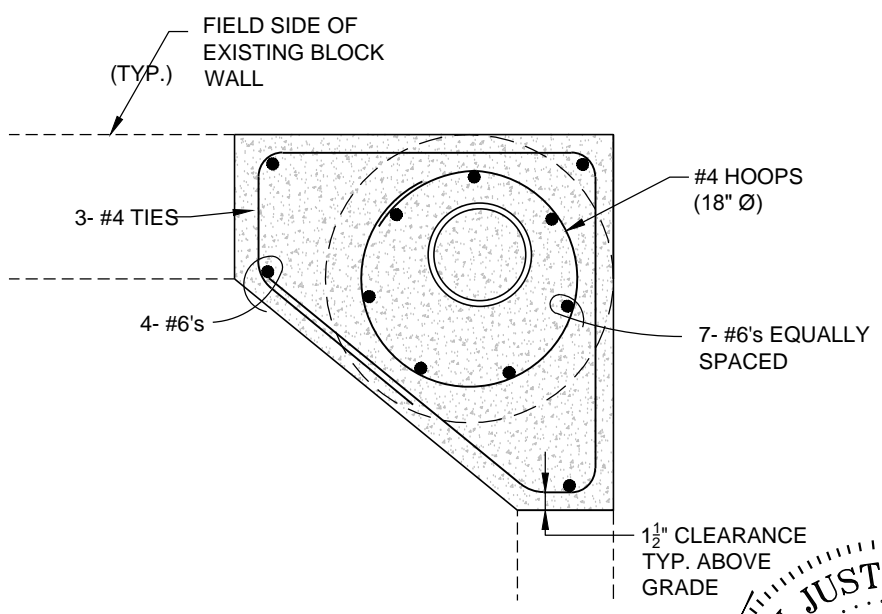
PROJECT: **15-202**

DATE: **1-13-16**

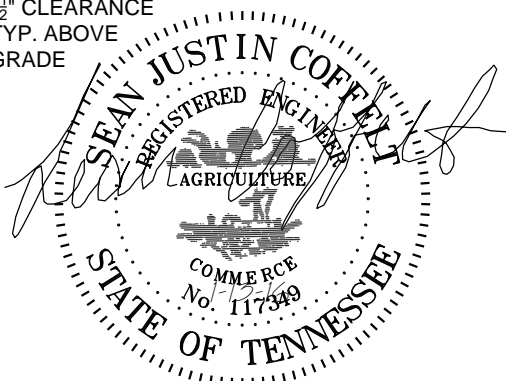
SHEET: **5 of 9**



CONSTRUCTION NOTE
ALL CUTS TO EXISTING BLOCK AND FOOTINGS SHALL BE DONE WITH A CONCRETE SAW



FOOTING TYPE "B"





PLAN AND ELEVATION
BASEBALL FIELD
BACKSTOP IMPROVEMENTS AT
EAST ROBERTSON HIGH SCHOOL
CROSS PLAINS, TENNESSEE

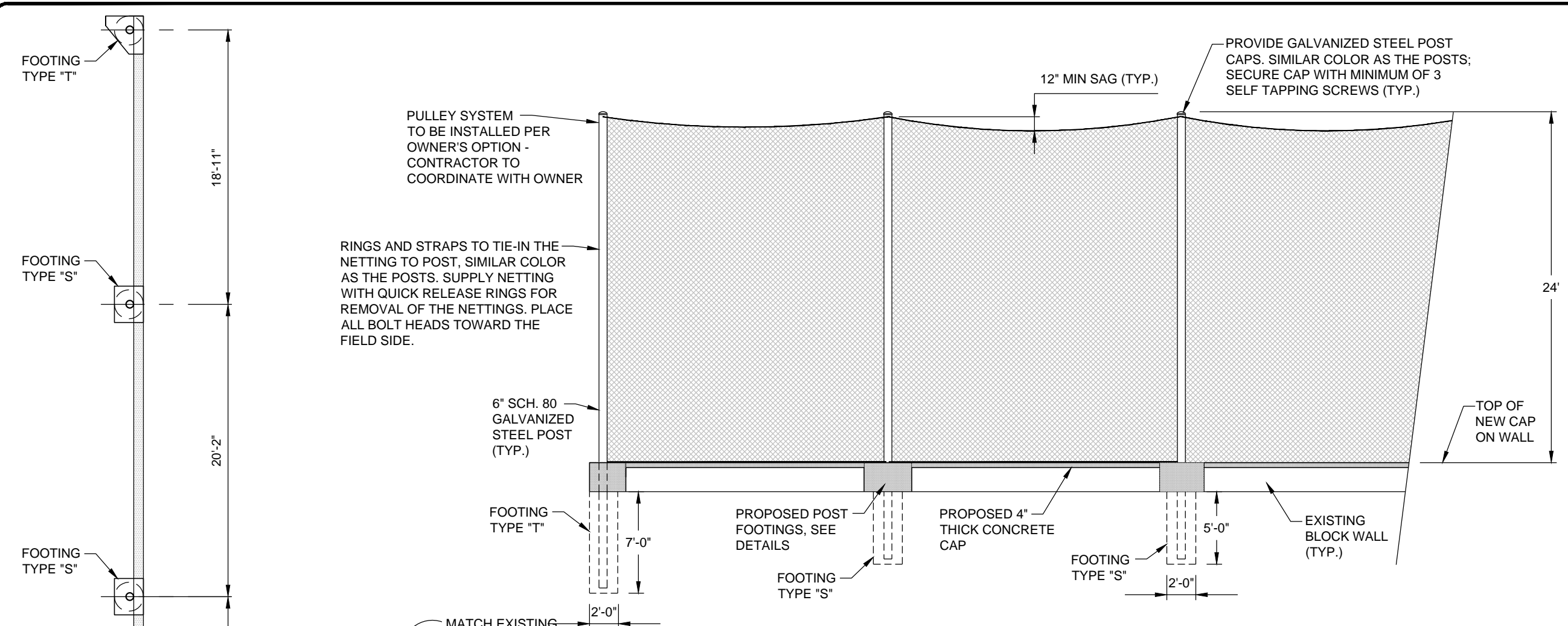
NO.	DATE	BY	DESCRIPTION

DESIGNER: **SJC**
REVIEWER: **JLR**

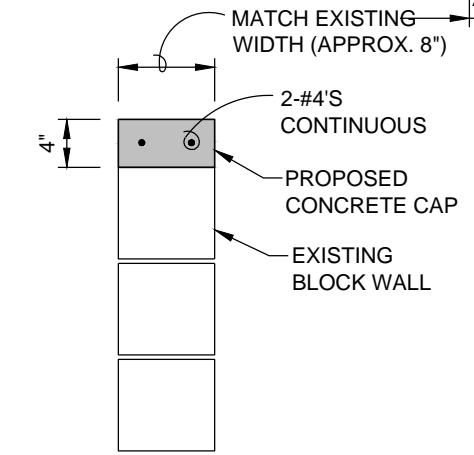
PROJECT: **15-202**

DATE: **1-13-16**

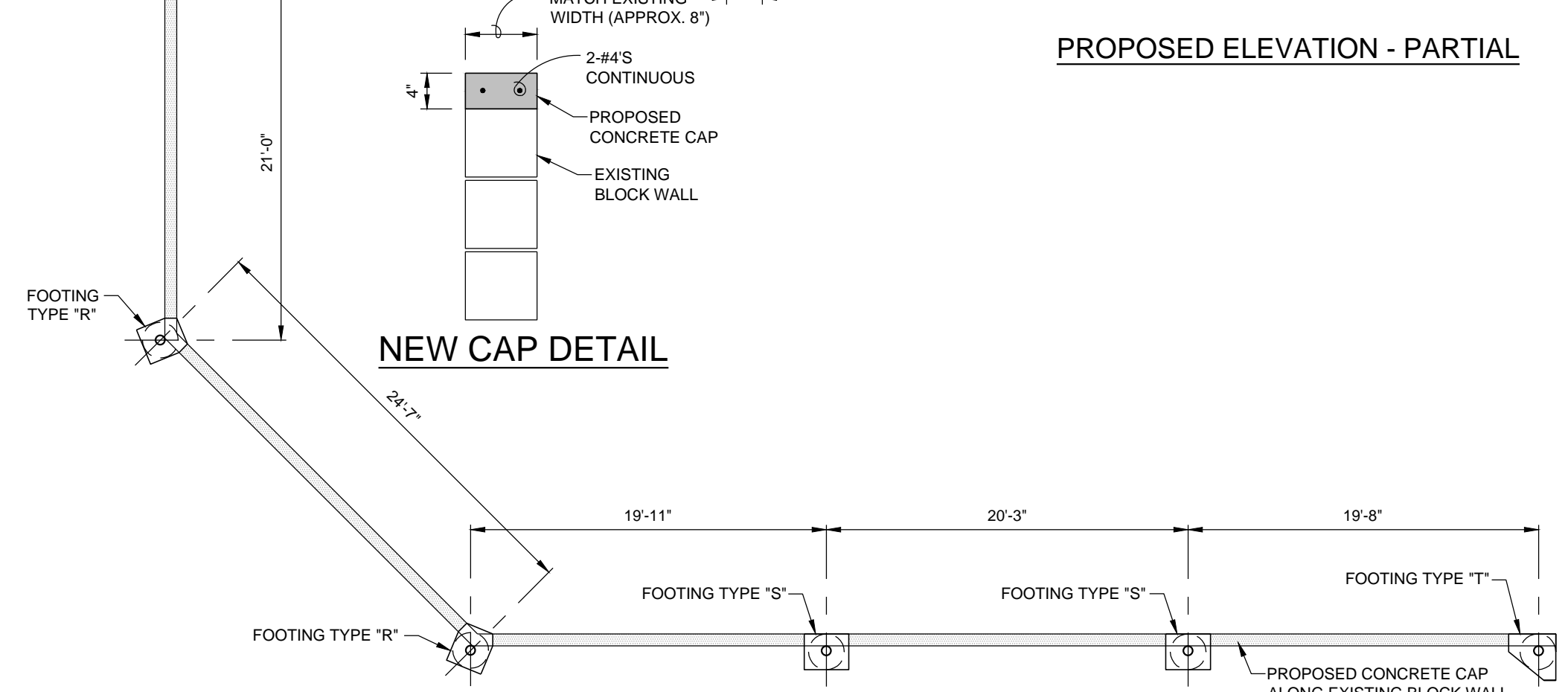
SHEET: **6 of 9**



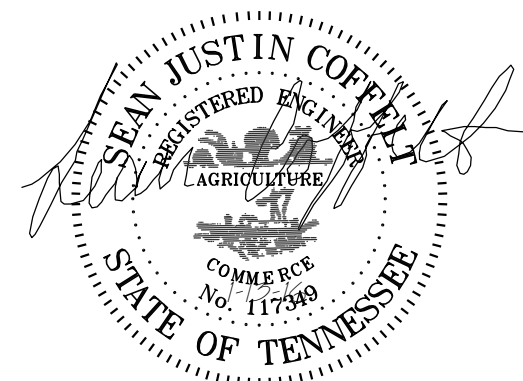
PROPOSED ELEVATION - PARTIAL



NEW CAP DETAIL

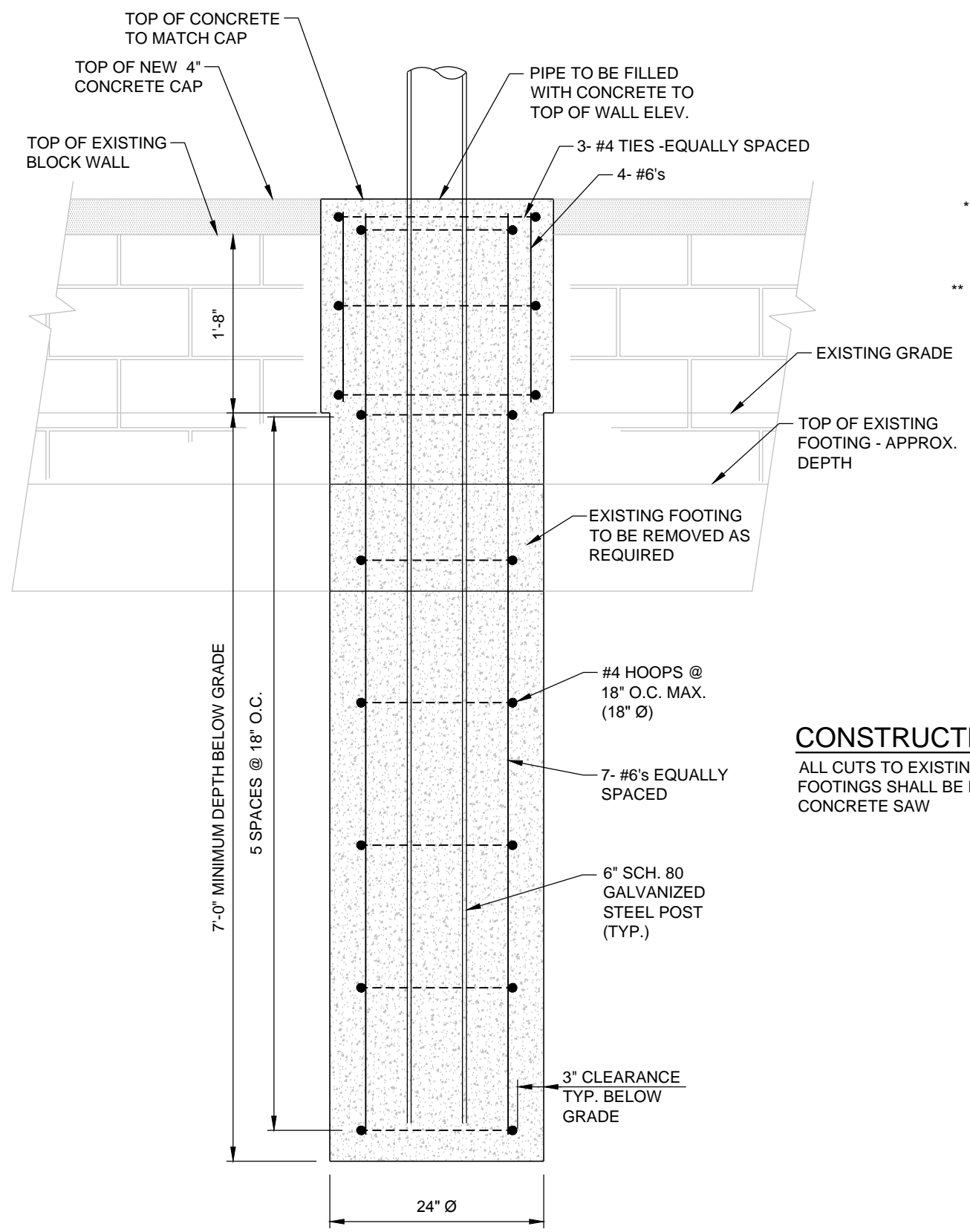


PROPOSED FOOTING PLAN

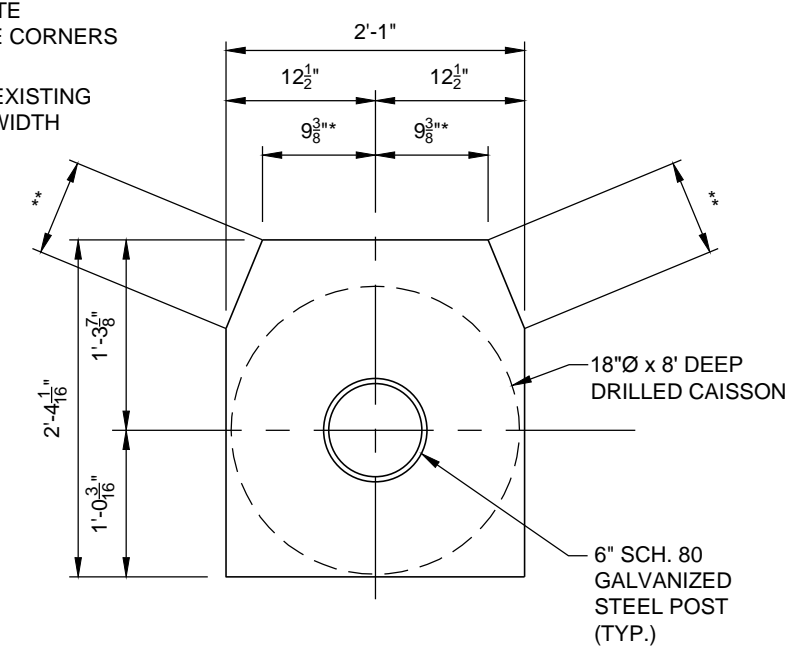




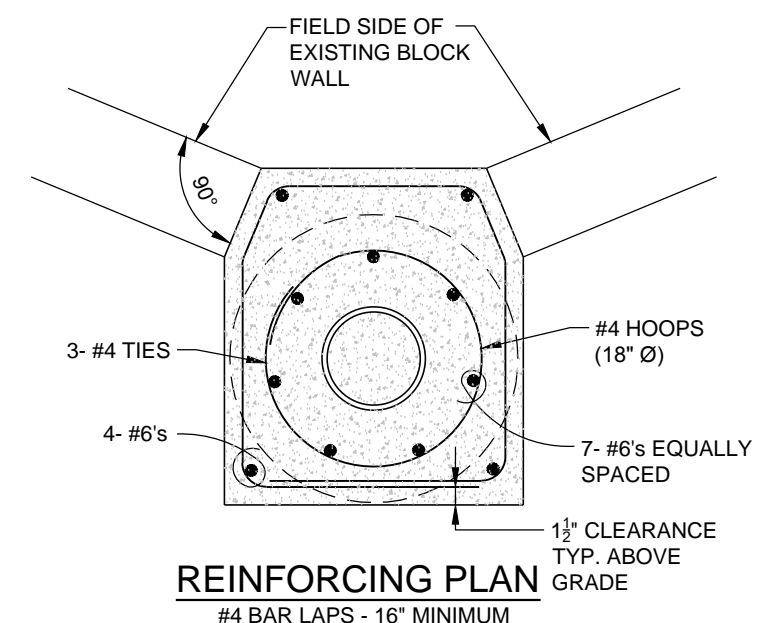
FOOTING TYPE "R"
BASEBALL FIELD
BACKSTOP IMPROVEMENTS AT
EAST ROBERTSON HIGH SCHOOL
CROSS PLAINS, TENNESSEE



* FIELD ADJUST TO ELIMINATE OUTSIDE CORNERS
** MATCH EXISTING BLOCK WIDTH



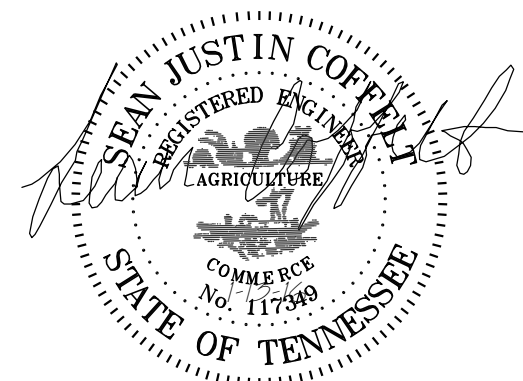
CONSTRUCTION NOTE
ALL CUTS TO EXISTING BLOCK AND FOOTINGS SHALL BE DONE WITH A CONCRETE SAW



SECTION

REINFORCING PLAN
#4 BAR LAPS - 16" MINIMUM

FOOTING TYPE "R"



NO.	DATE	BY	DESCRIPTION

DESIGNER **SJC**
REVIEWER **JLR**

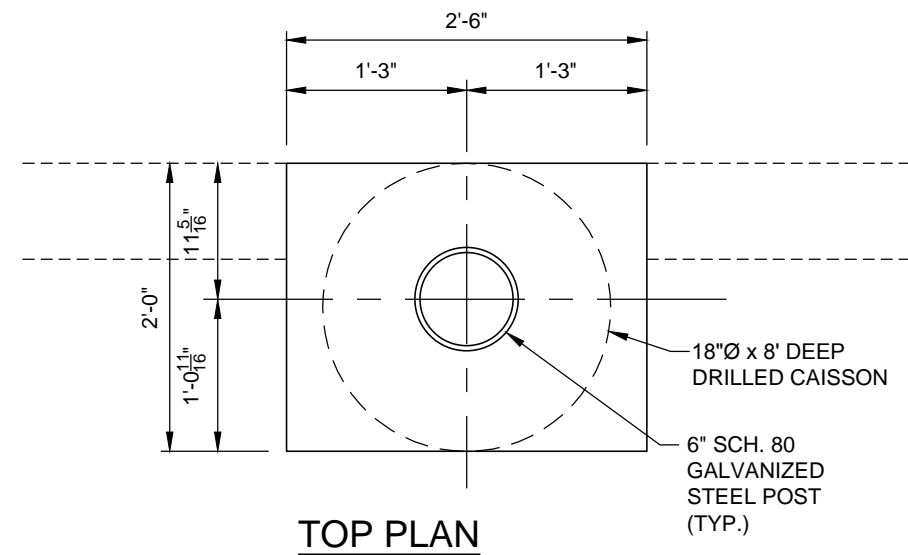
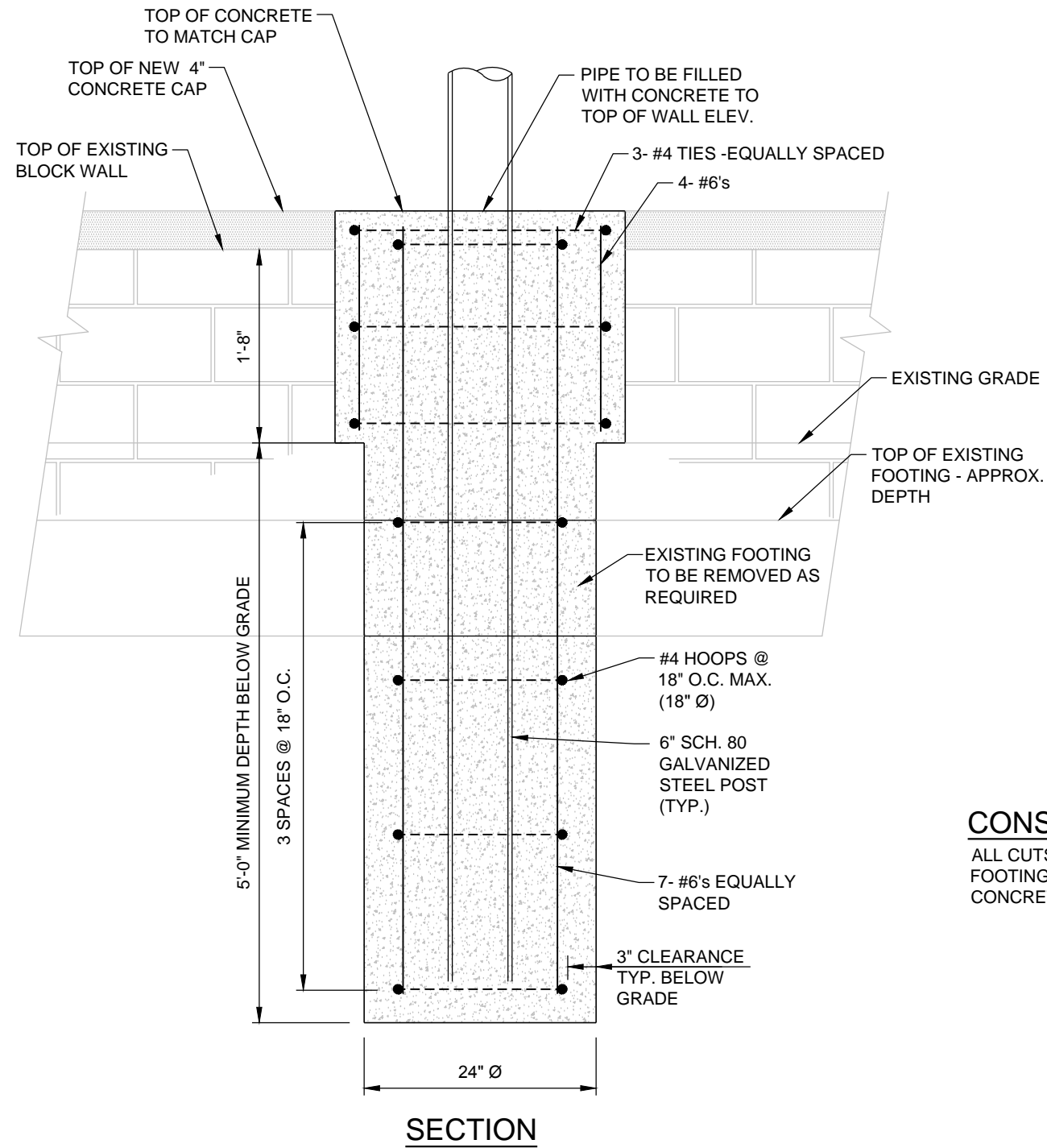
PROJECT **15-202**

DATE **1-13-16**

SHEET **7 of 9**

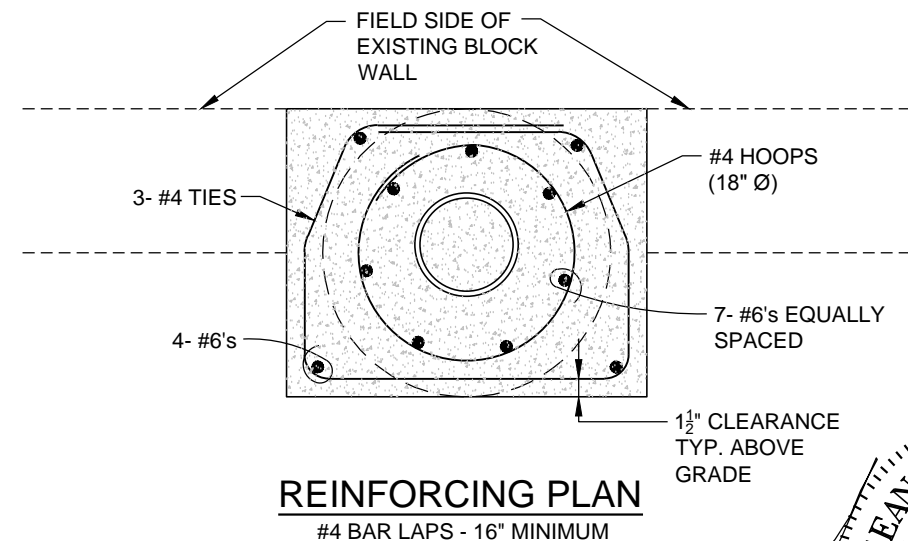


FOOTING TYPE "S"
BASEBALL FIELD
BACKSTOP IMPROVEMENTS AT
EAST ROBERTSON HIGH SCHOOL
CROSS PLAINS, TENNESSEE

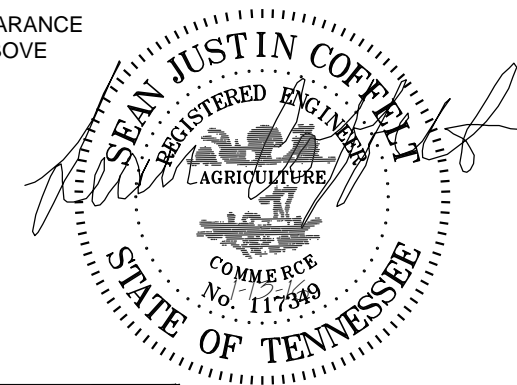


CONSTRUCTION NOTE

ALL CUTS TO EXISTING BLOCK AND FOOTINGS SHALL BE DONE WITH A CONCRETE SAW



FOOTING TYPE "S"



NO.	DATE	BY	DESCRIPTION

DESIGNER: **SJC**
REVIEWER: **JLR**

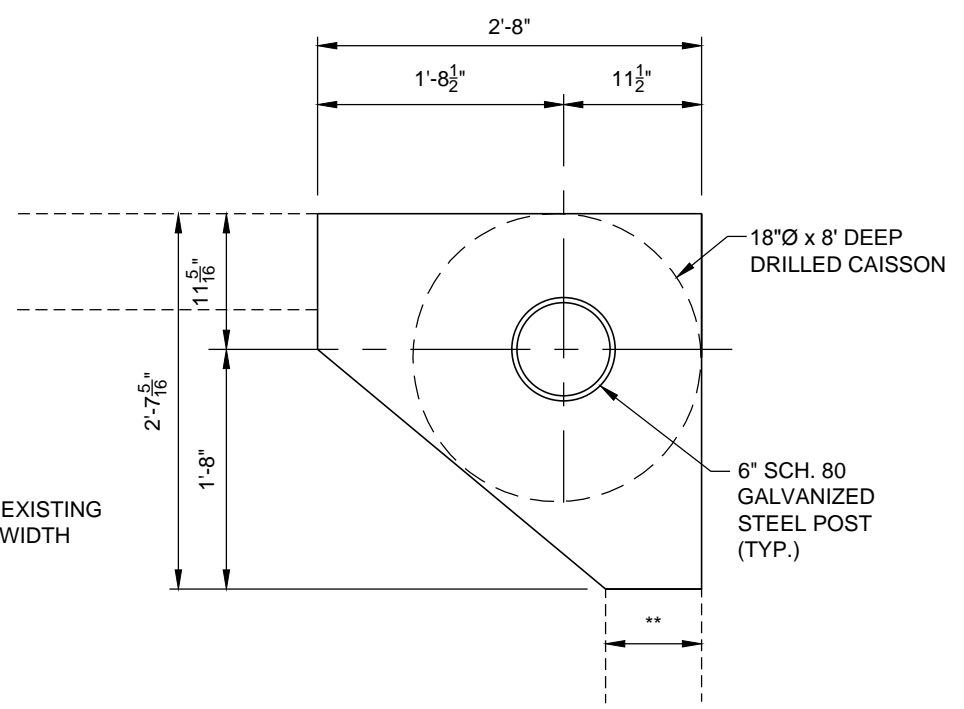
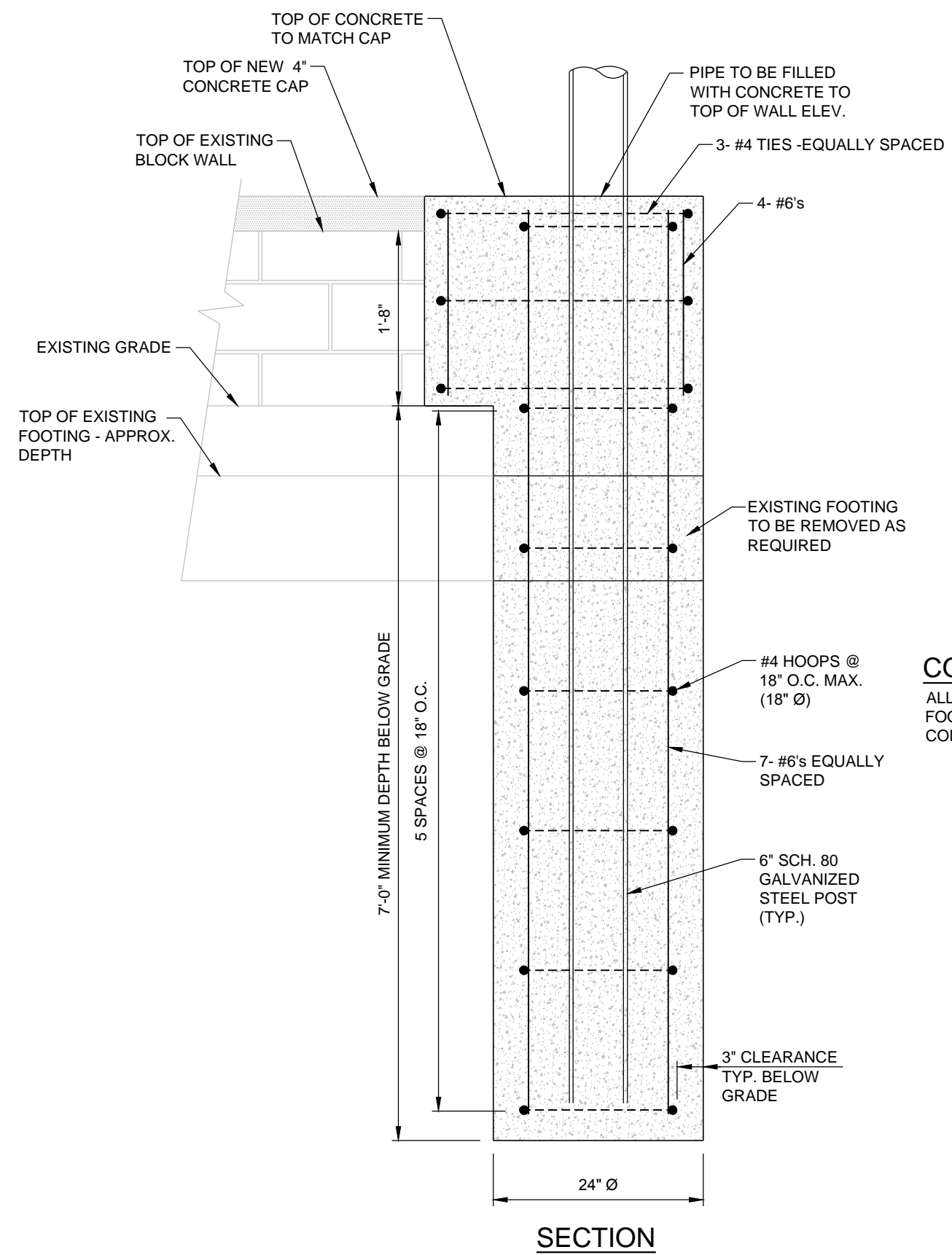
PROJECT: **15-202**

DATE: **1-13-16**

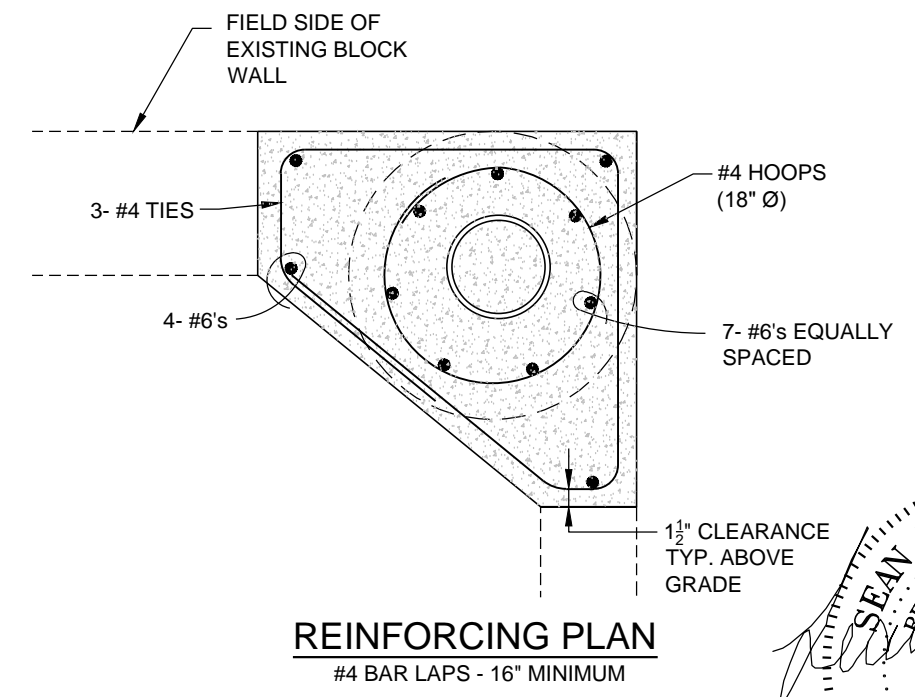
SHEET: **8 of 9**



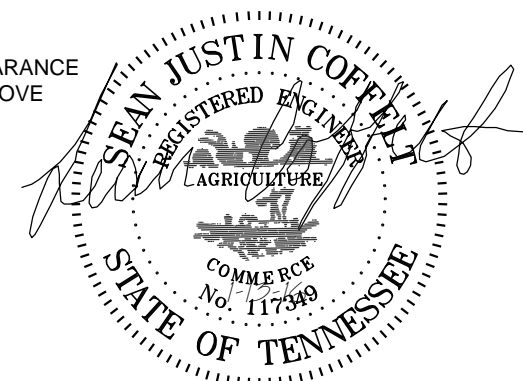
FOOTING TYPE "T"
BASEBALL FIELD
BACKSTOP IMPROVEMENTS AT
EAST ROBERTSON HIGH SCHOOL
CROSS PLAINS, TENNESSEE



CONSTRUCTION NOTE
ALL CUTS TO EXISTING BLOCK AND FOOTINGS SHALL BE DONE WITH A CONCRETE SAW



FOOTING TYPE "T"



NO.	DATE	BY	DESCRIPTION

DESIGNER **SJC**
REVIEWER **JLR**

PROJECT **15-202**

DATE **1-13-16**

SHEET **9 of 9**