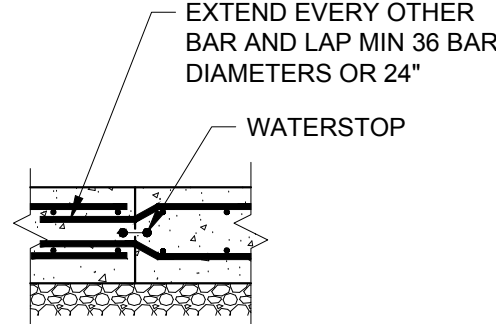
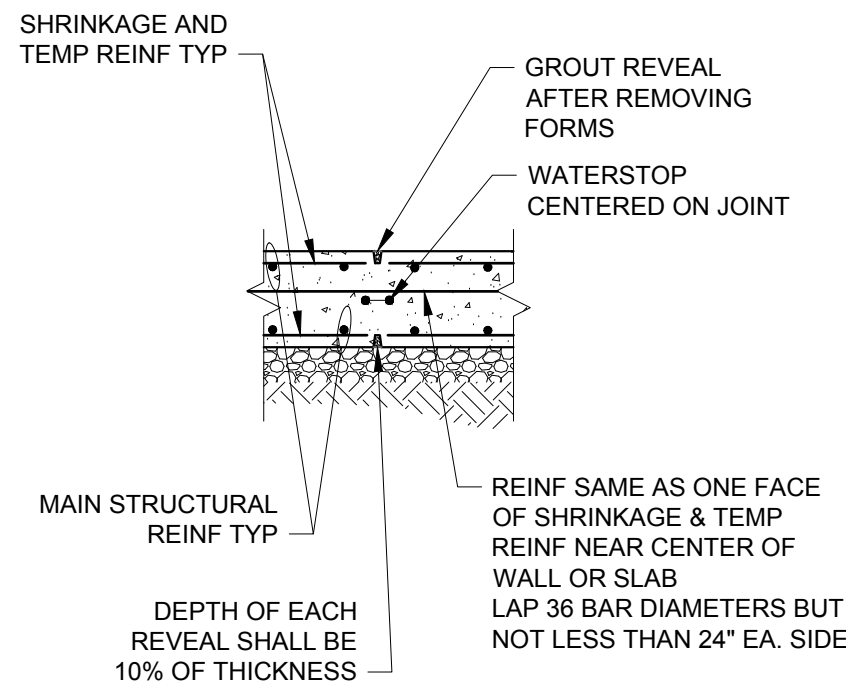


CONSTRUCTION JOINT
NON-CONTAINMENT



SAWN CONTRACTION JOINT
NON-CONTAINMENT

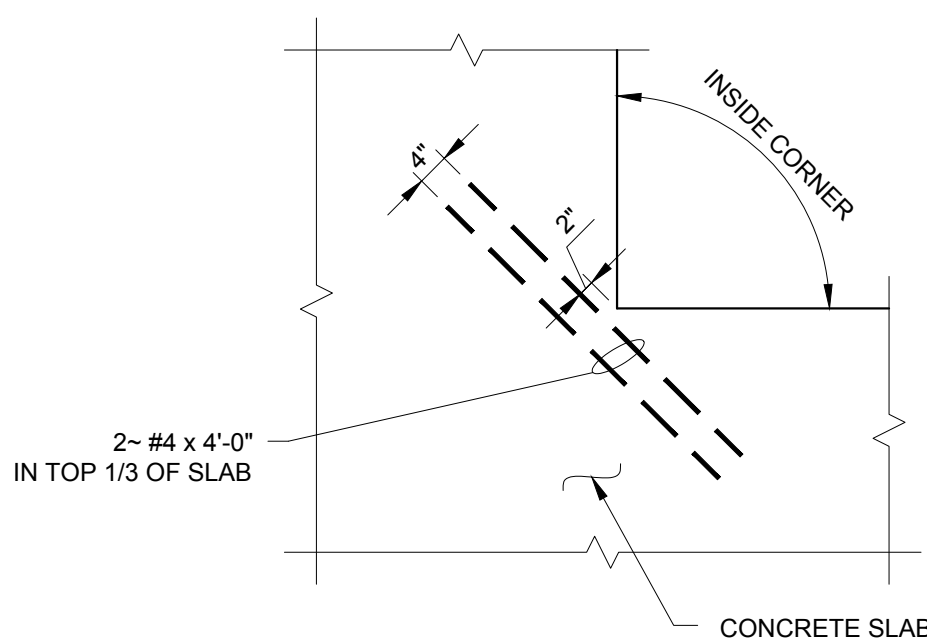


CONSTRUCTION JOINT
CONTAINMENT

- NOTES:
- IF CONTRACTION JOINTS ARE NOT CLEARLY SHOWN ON PLANS, SUBMIT PLAN SHOWING LOCATIONS FOR APPROVAL.
 - DO NOT INSTALL CONTRACTION JOINTS WHERE THEY WILL AFFECT STRUCTURAL CAPACITY.

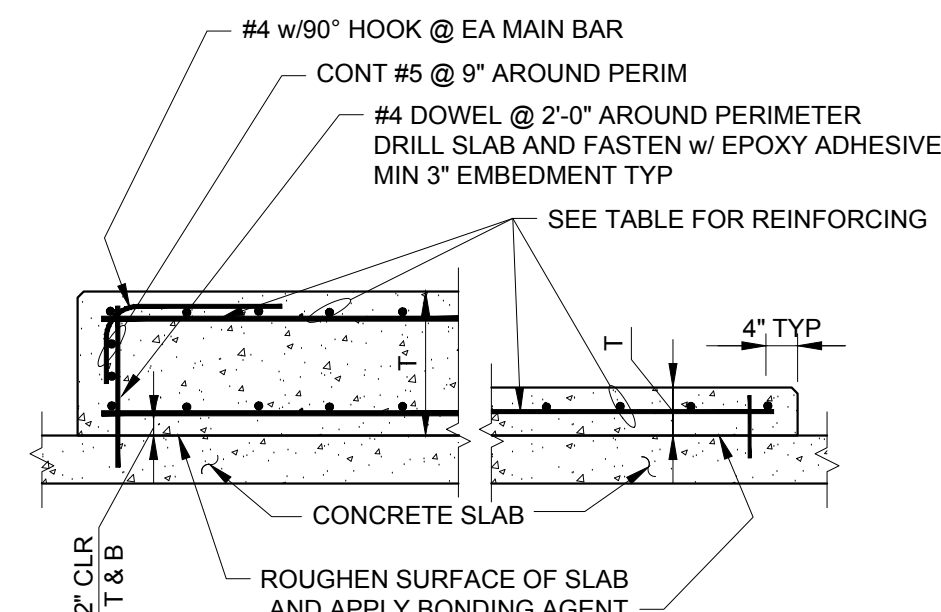
TYPICAL WALL & SLAB CONTRACTION JOINT

NOT TO SCALE



TYPICAL SLAB REINF AT INSIDE CORNERS

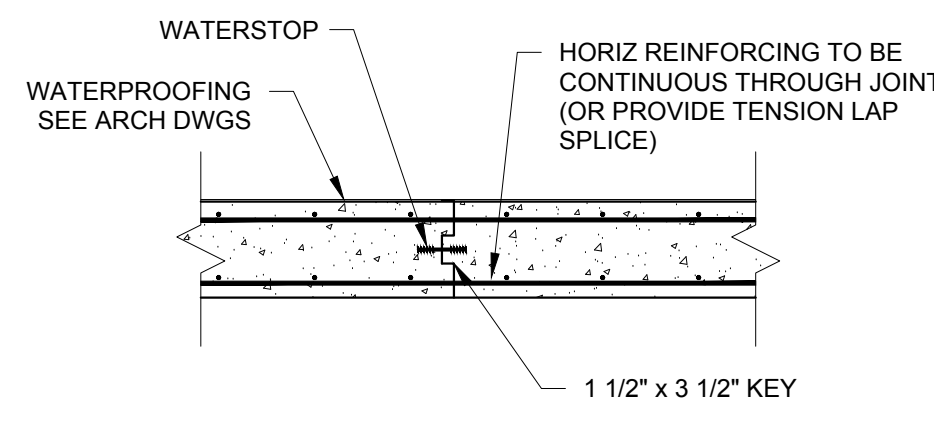
NOT TO SCALE



THICKNESS	REINFORCING
T <= 4"	#3 @ 12" CNTRD
4" < T <= 6"	#4 @ 18" CNTRD
6" < T <= 9"	#5 @ 18" CNTRD
9" < T <= 12"	#4 @ 16" T & B
12" < T <= 18"	#5 @ 18" T & B
T > 18"	#5 @ 12" T & B

TYPICAL CONCRETE EQUIPMENT PAD

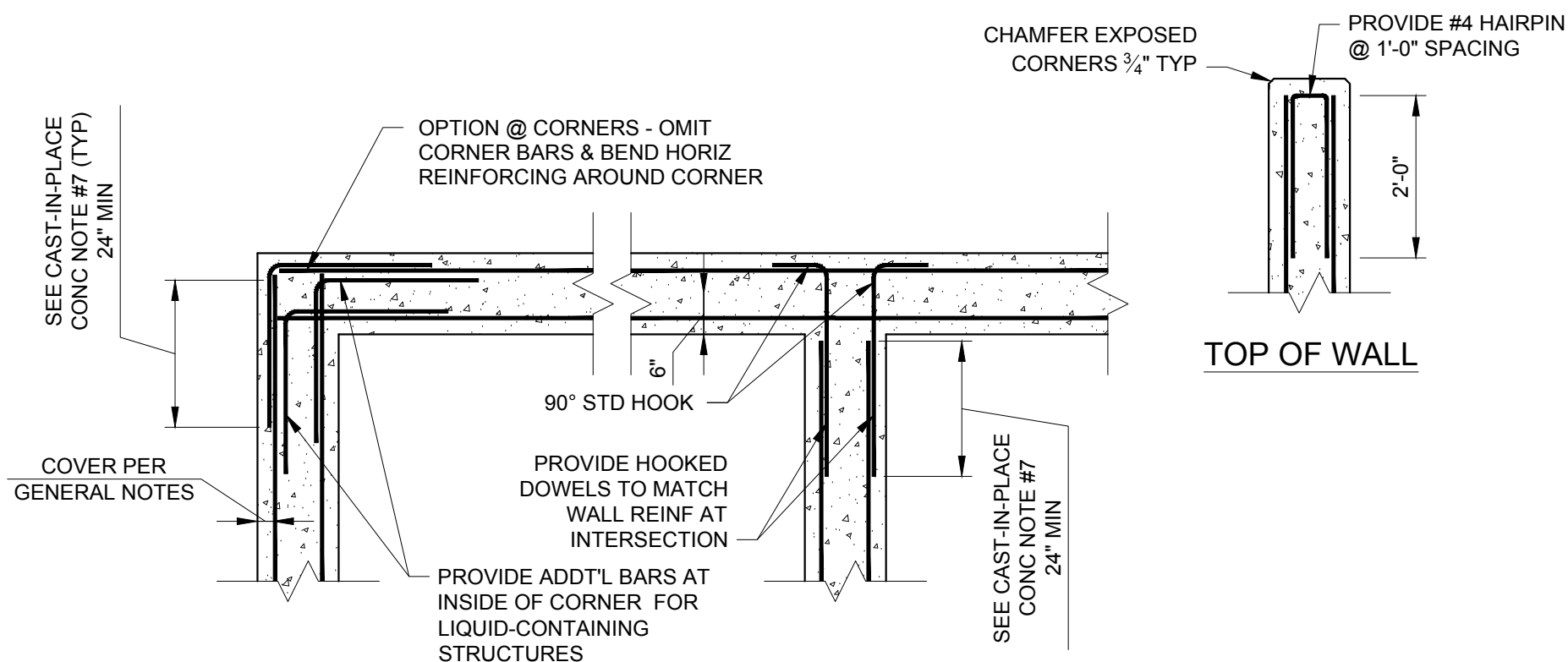
NOT TO SCALE



- NOTES:
- MAXIMUM LENGTH OF WALL POUR = 40'-0".
 - PERMIT 48 HOURS BETWEEN ADJACENT POURS.
 - SEE PLANS FOR ADDITIONAL JOINT LOCATIONS.
 - MAXIMUM POUR LENGTH MAY BE INCREASED TO 60'-0" FOR WALLS BELOW GRADE.

TYPICAL WALL CONSTRUCTION JOINT

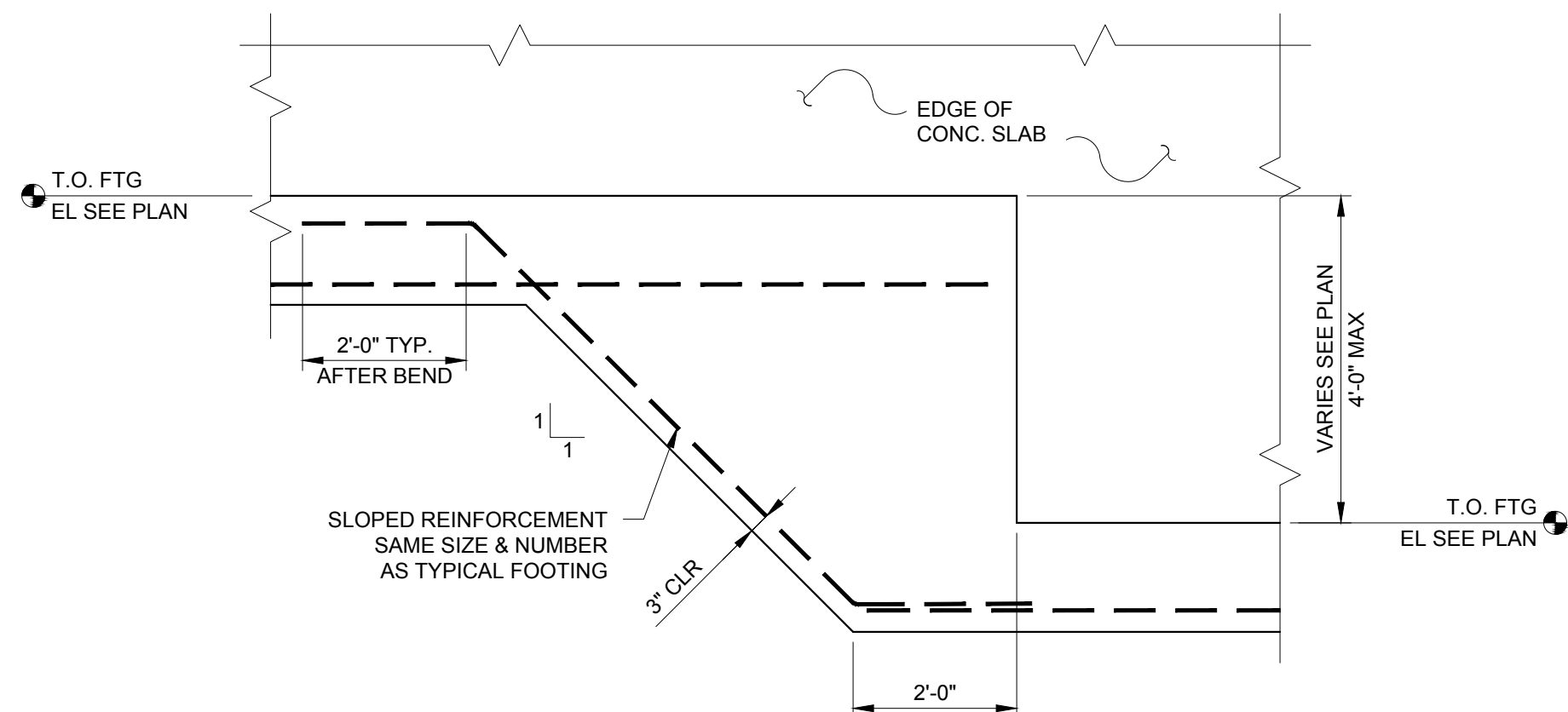
NOT TO SCALE



- NOTES:
- WHERE BAR SIZES DIFFER, LAP FOR LARGER SIZE.
 - CONSTRUCTION JOINTS SHALL NOT OCCUR WITHIN 5'-0" OF A CORNER OR TEE.

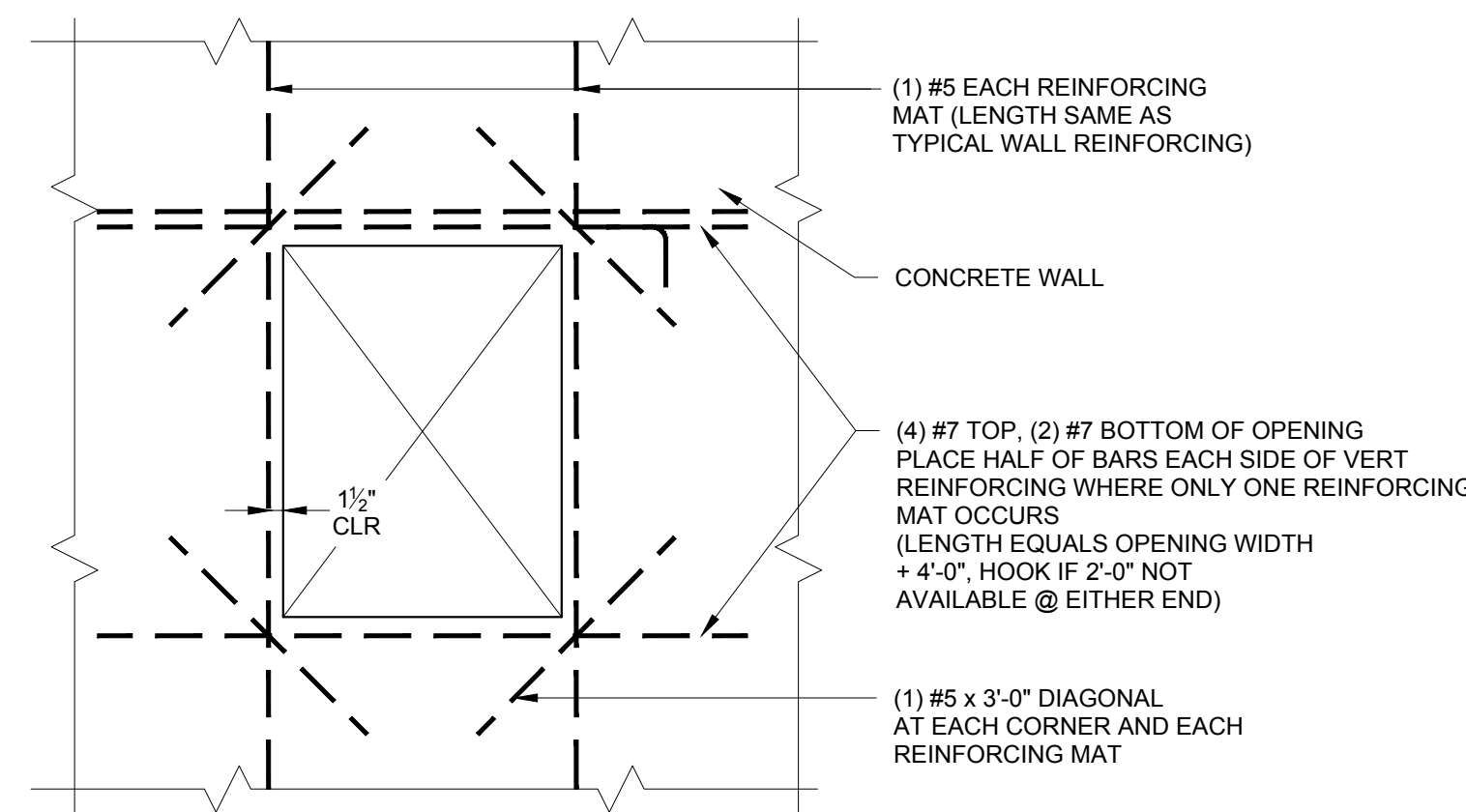
TYPICAL WALL DETAILS

NOT TO SCALE



TYPICAL FOOTING STEP

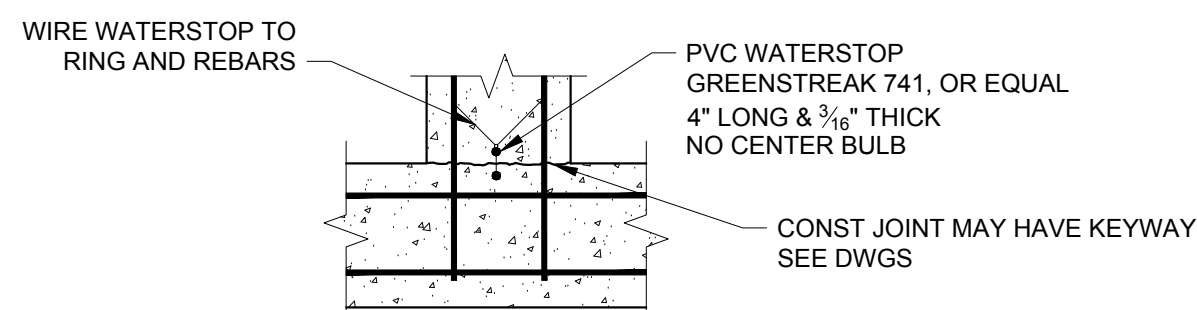
NOT TO SCALE



TYPICAL REINF AT WALL OPENINGS

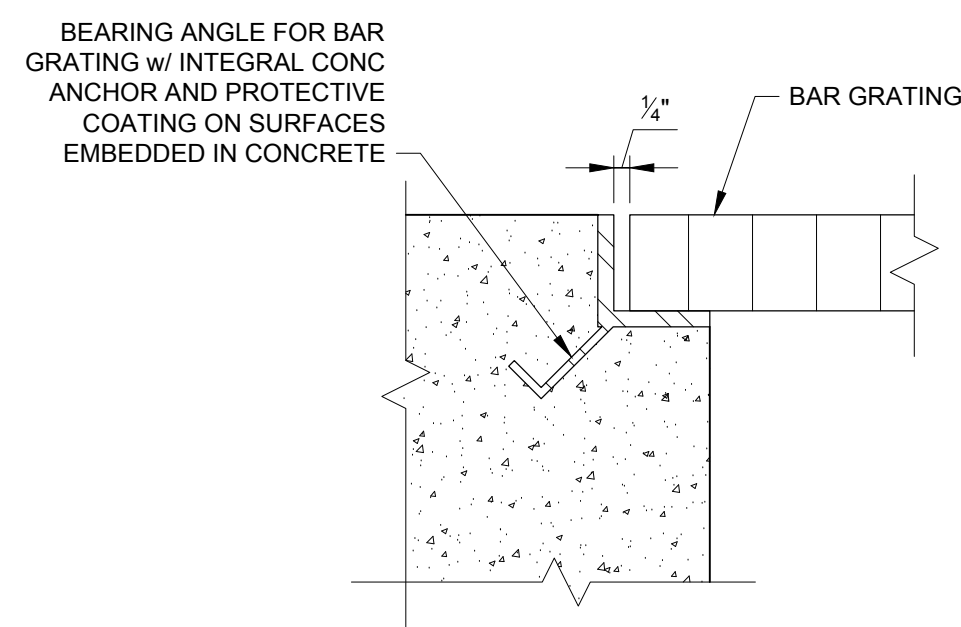
NOT TO SCALE

USE WHERE NOT INDICATED OTHERWISE



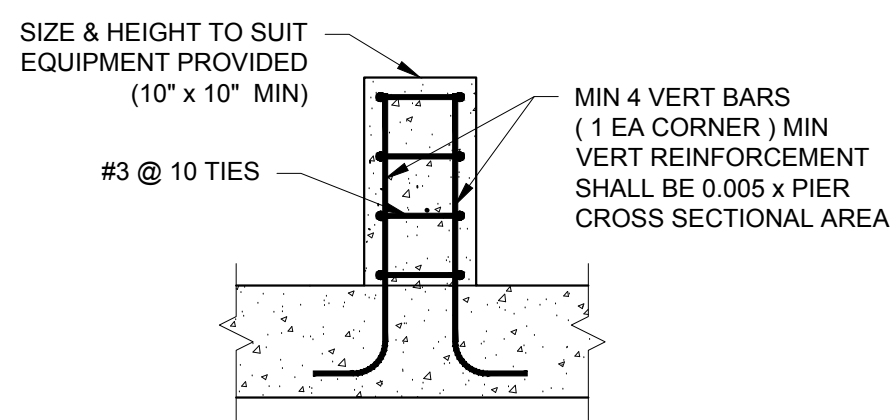
TYPICAL WATERSTOP

NOT TO SCALE



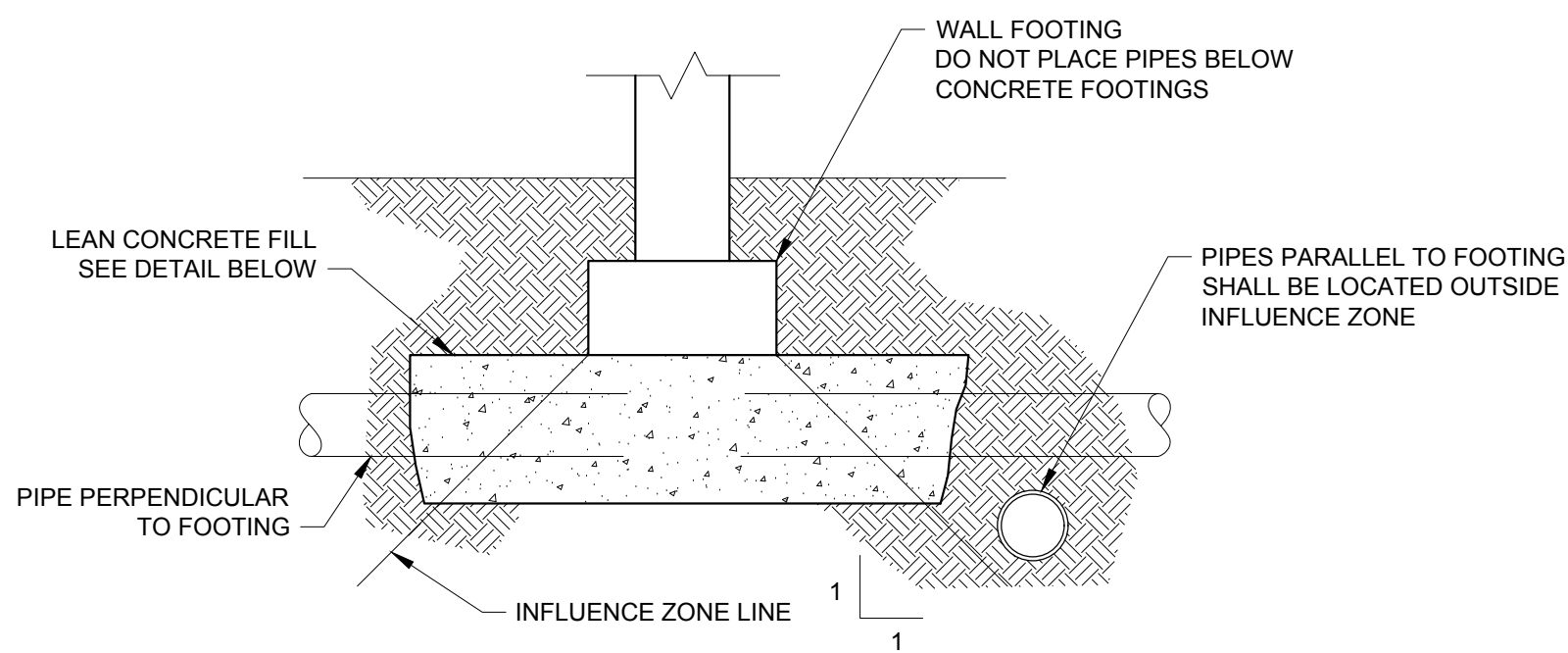
TYPICAL GRATING BEARING

NOT TO SCALE

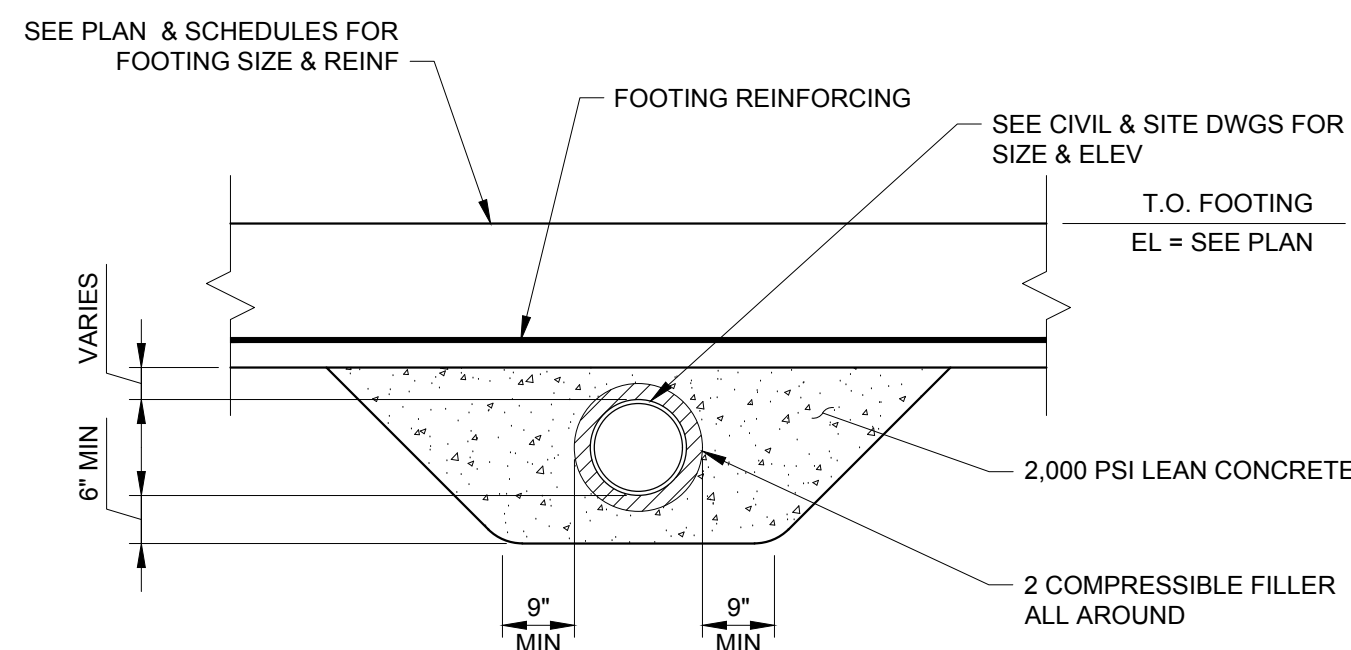


TYPICAL CONCRETE EQUIPMENT PEDESTAL

NOT TO SCALE



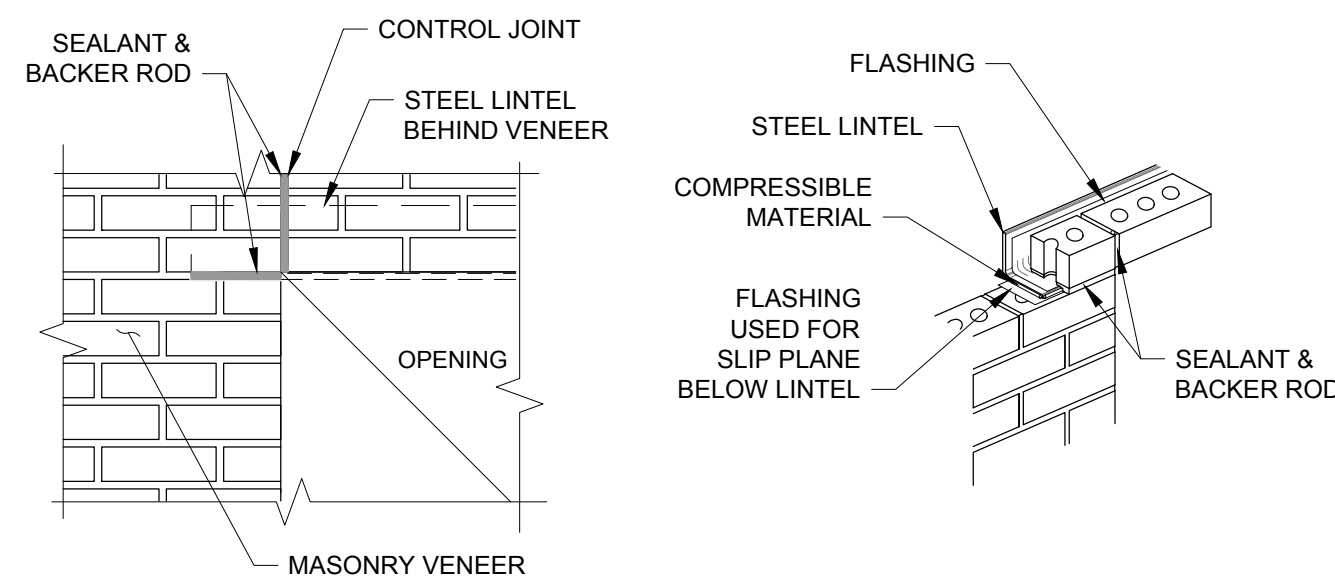
INFLUENCE ZONE



- NOTE:
- PROVIDE CONCRETE PROTECTION AROUND UTILITY LINE WHEN LINE IS WITHIN FOOTING INFLUENCE ZONE. SEE DETAIL ABOVE FOR INFLUENCE ZONE DEFINITION.

TYPICAL UTILITY LINE BELOW FOOTING

NOT TO SCALE



LOOSE LINTEL SCHEDULE (FOR MASONRY VENEER)

THIS SCHEDULE IS FOR LINTELS OVER MASONRY OPENINGS NOT OTHERWISE SHOWN OR NOTED ON DRAWINGS.

SPAN	ANGLE SIZE	PLAN MARK
UP TO 4'-0"	L3x 3 1/2 x 3/16 LLV	AL-1
UP TO 5'-6"	L4x 3 1/2 x 3/16 LLV	AL-2
UP TO 7'-6"	L5x 3 1/2 x 3/16 LLV	AL-3
UP TO 9'-6"	L6x 3 1/2 x 3/16 LLV	AL-4

- NOTES:
- PROVIDE ONE ANGLE FOR EACH 4" OF MASONRY WALL.
 - ANGLES EXPOSED TO WEATHER SHALL BE GALVANIZED.
 - MINIMUM BEARING LENGTH SHALL BE 4" EACH END.

TYPICAL MASONRY VENEER LINTEL DETAIL

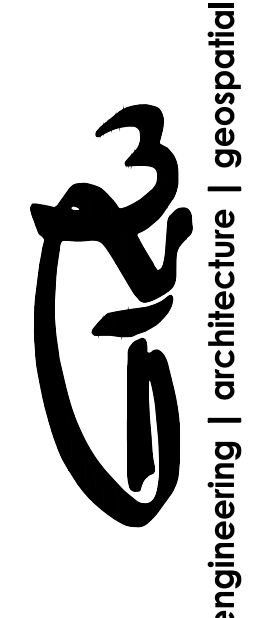
NOT TO SCALE

This document, originally issued, sealed, and signed by MICHAEL J. WHITE, Tennessee Professional Engineer, No. 117300, on JUNE 2015, shall not be used in lieu of a certified document.

GRW PROJECT NO. 3827-07

CLIENT PROJECT NO.

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STRUCTURAL TYPICAL SECTIONS & DETAILS WATER TREATMENT PLANT EXPANSION CITY OF LOBELVILLE, TENNESSEE

DESIGNED	BY	DATE	DRAWN	REVIEWED	APPROVED	SCALE CHECK
MJW			LN	MJW	MJW	
NO.						
DESCRIPTION						

DATE: JUNE 2015
SCALE: AS SHOWN
SHEET NO.

S-0-002