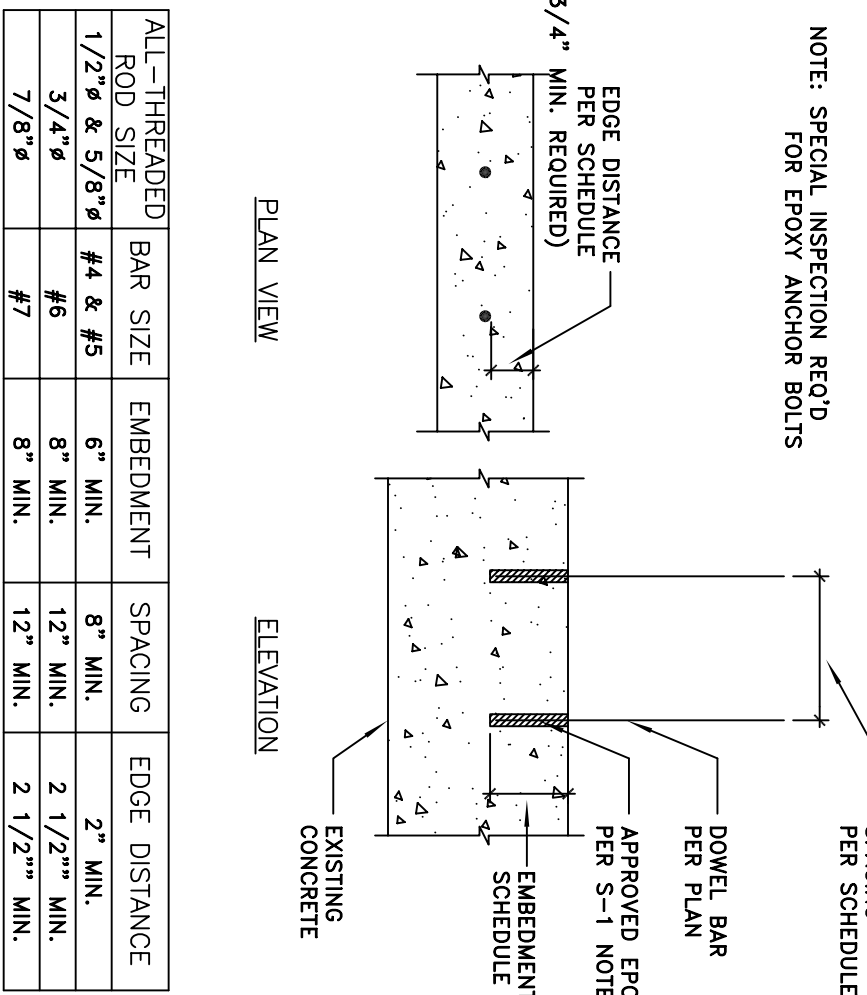
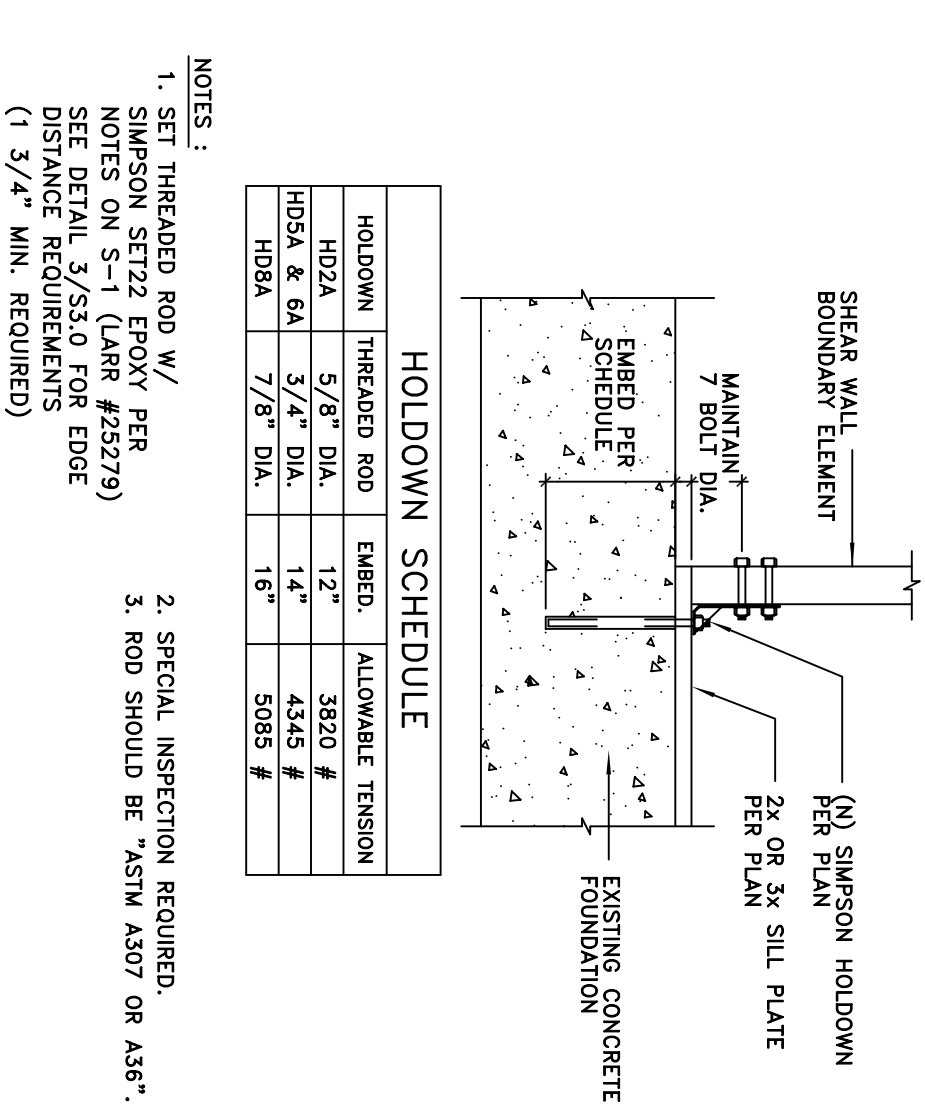
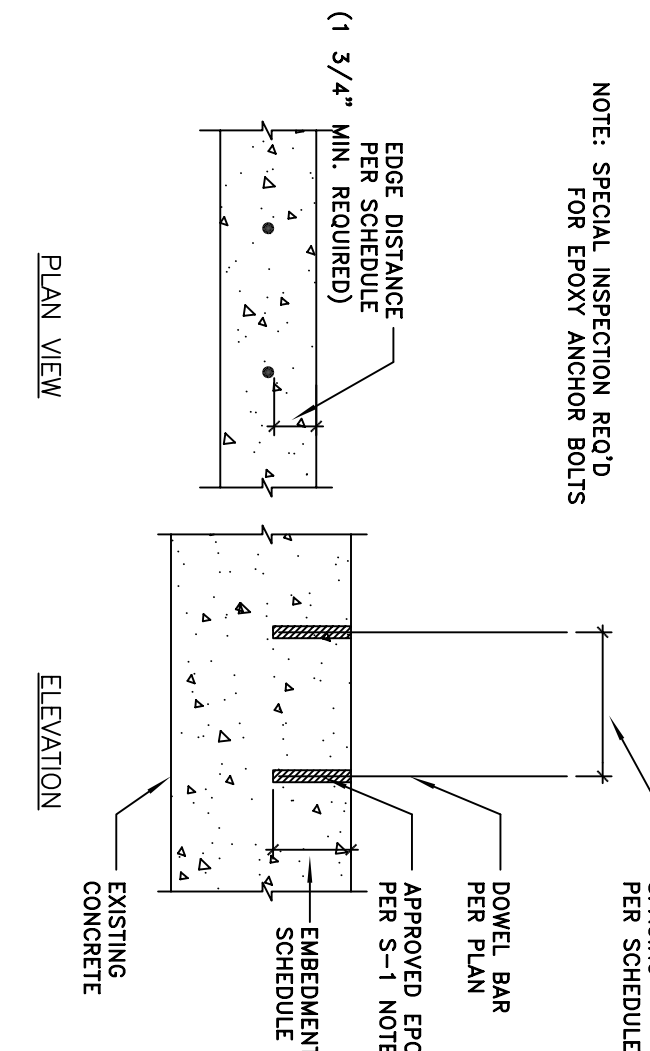


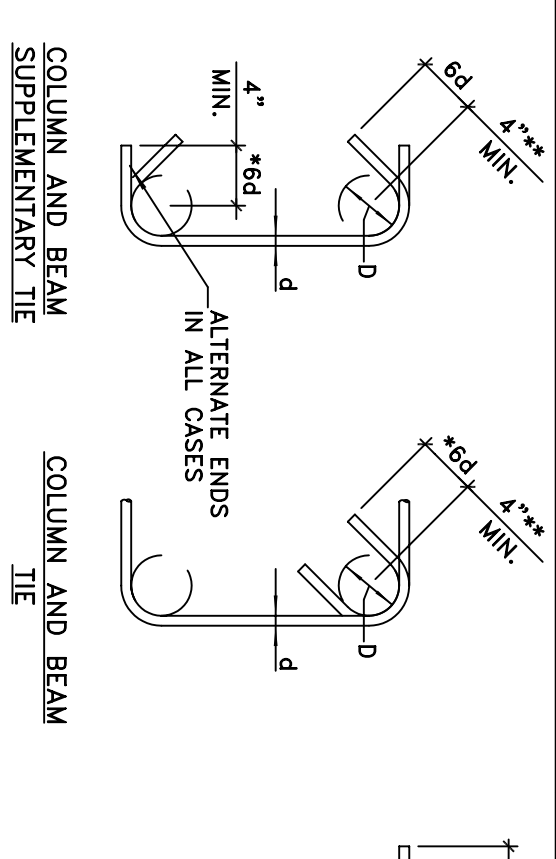
REVISIONS
Δ
Δ
Δ
Δ



ALL-THREADED ROD SIZE	BAR SIZE	EMBEDMENT	SPACING	EDGE DISTANCE
1/2" & 5/8"	#4 & #5	6" MIN.	8" MIN.	2" MIN.
3/4" & 7/8"	#6	8" MIN.	12" MIN.	2 1/2" MIN.
7/8"	#7	8" MIN.	12" MIN.	2 1/2" MIN.

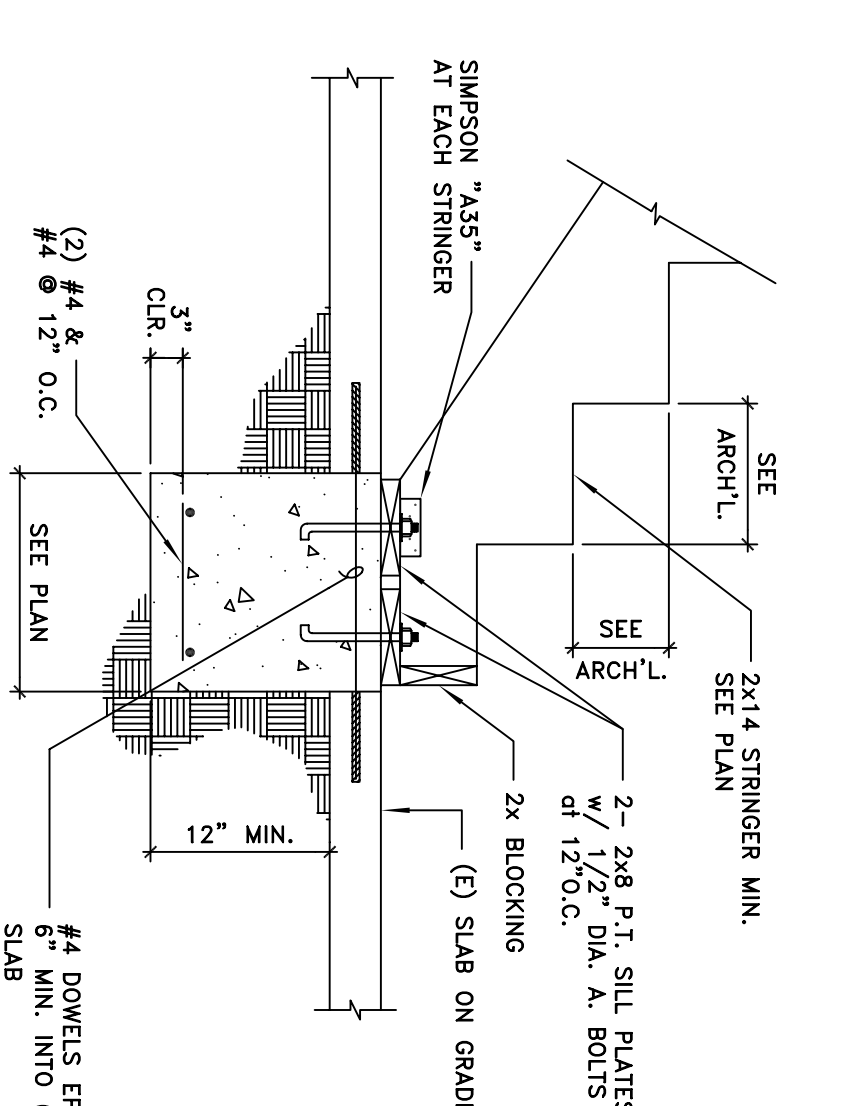


## HOLDOWN TO (E) FDN.

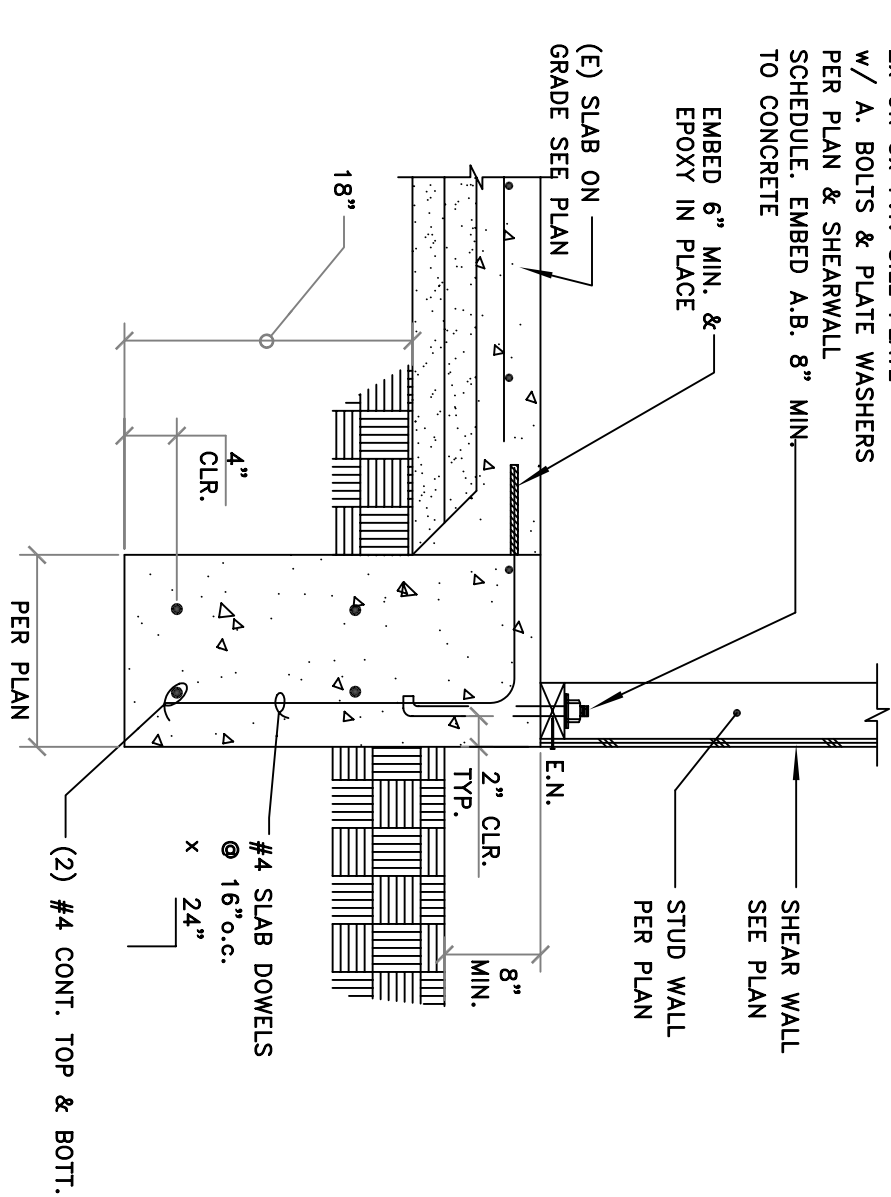


BAR SIZE	UNCOATED (IN.)	EPOXY COATED (IN.)
#5	30	31
#6	36	37
#7	42	43
#8	48	50
#9	54	56
#10	60	63

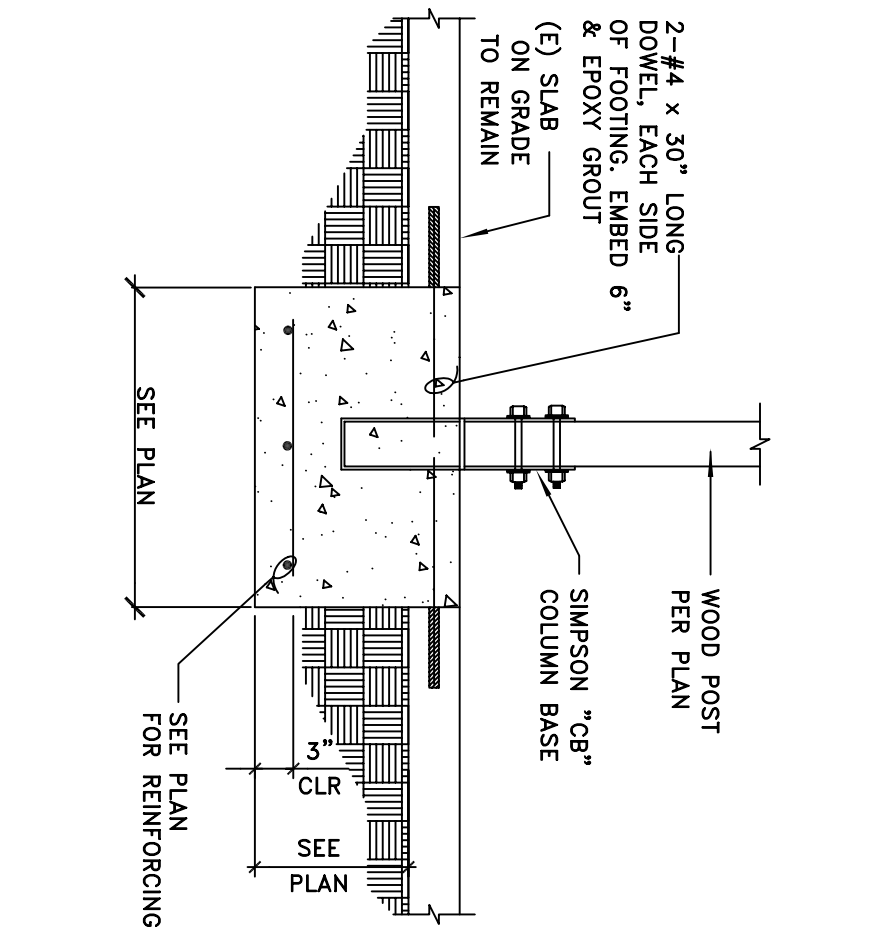
## TYP. STD. HOOK, TIE DETAIL & LAP SCHEDULE



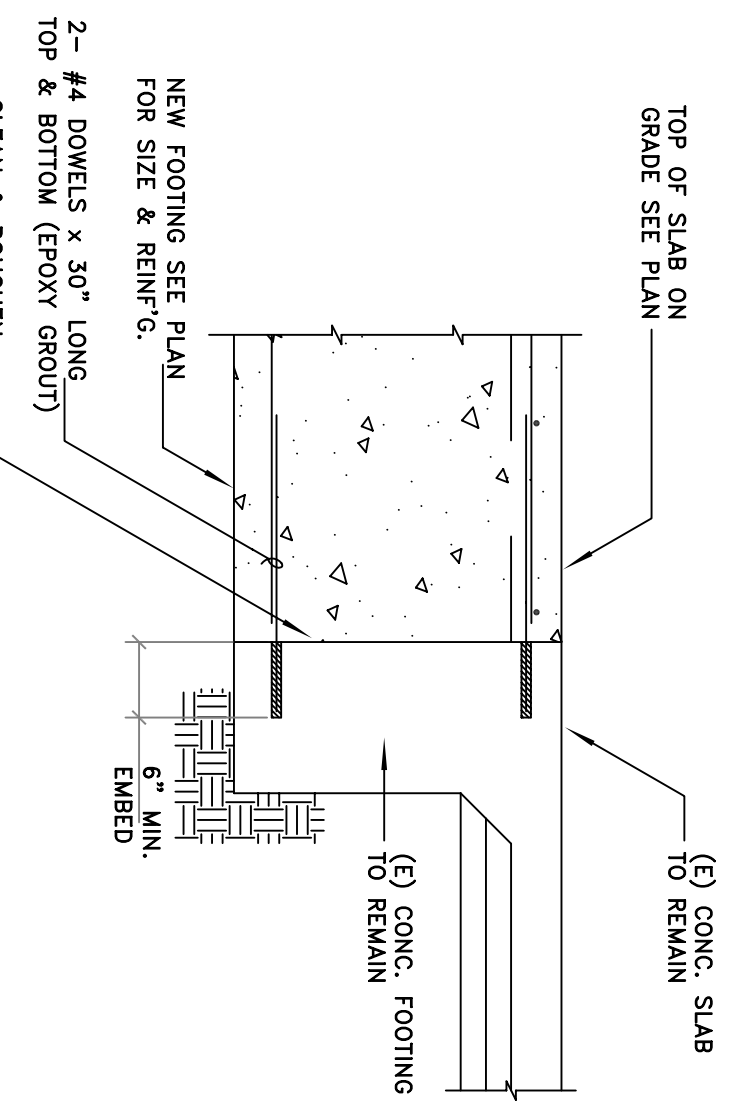
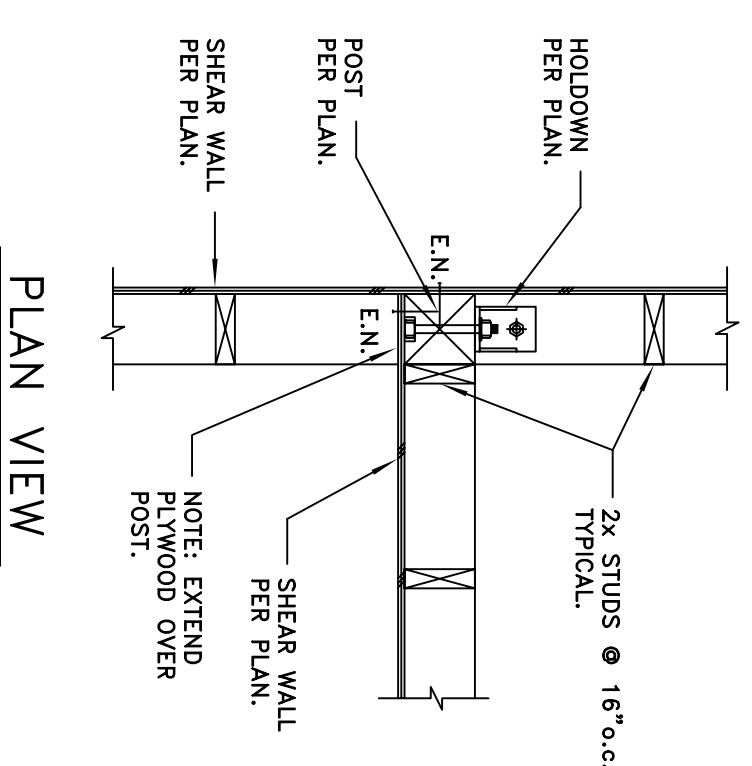
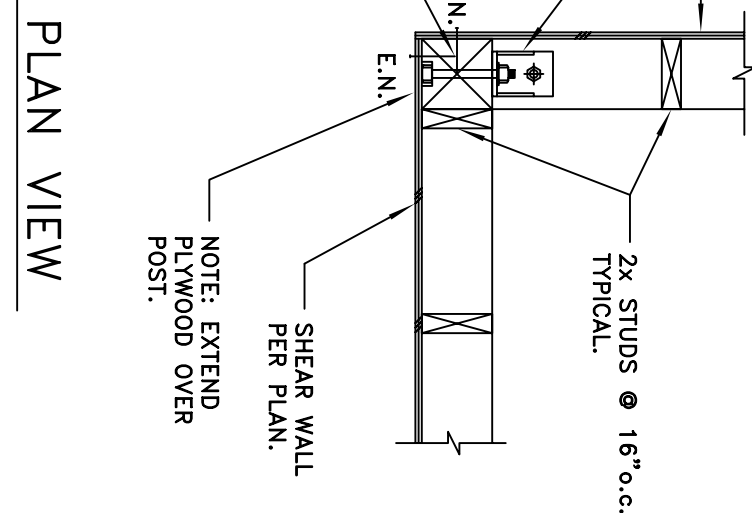
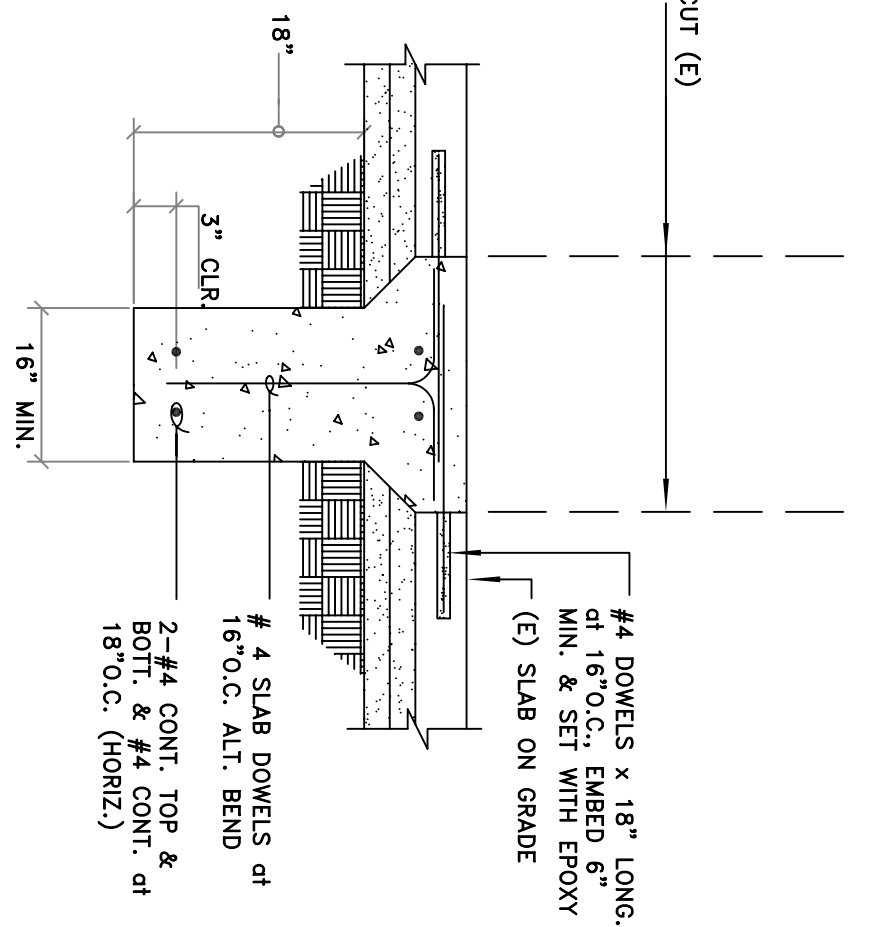
## STAIR STRINGER TO FOOTING



## FOUNDATION DETAIL



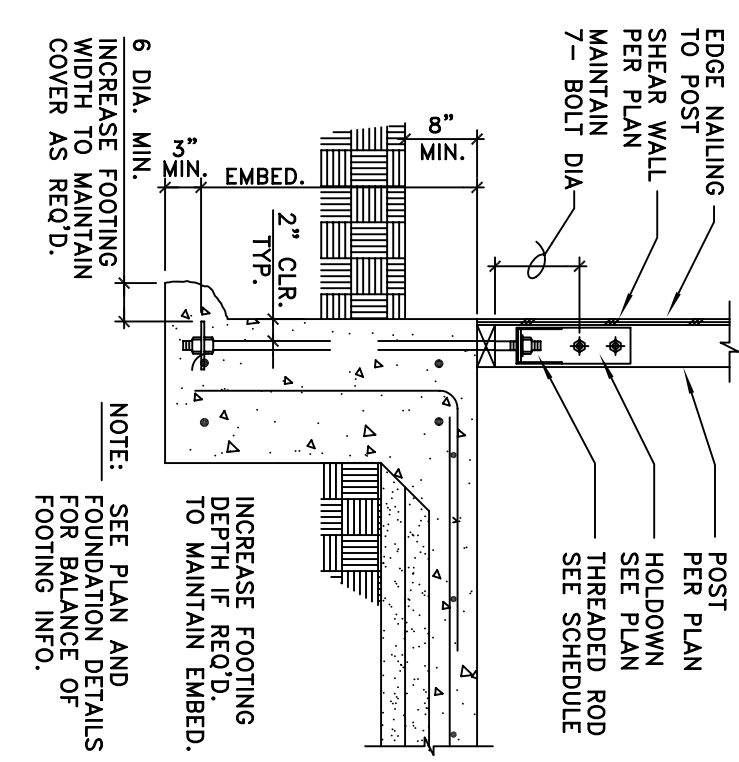
## FOUNDATION DETAIL



## (N) TO (E) FOUNDATION

MODEL NO.	BOLT DIA.	WASHER	EMBED	CAPACITY	AT 75%
HD2A	5/8" $\phi$	2" DIA	12"	2775#	2081#
HD2A	3/4" $\phi$	2-1/4" DIA	14"	4010#	3008#
HD2A	7/8" $\phi$	2-1/2" DIA	16"	5105#	3829#
HD2A	1" $\phi$	3-1/2" DIA	22"	8340#	7155#
HD14A	1" $\phi$	3-1/2" DIA	28"	11080#	8310#

- NOTES:
1. SQUARE WASHERS SHALL BE 1/4" MIN. ROUND WASHERS 7/8" MIN.
  2. SIMPSON STRONG TIE I.C.B.O. #4446/NER 393 489 L.A.R. #24818, #25156.
  3. ROD SHOULD BE ASTM A307 OR A36.
  4. TIGHTEN ALL BOLTS PRIOR TO COVERING.
  5. BOLT HOLES IN POST TO BE 1/16" LARGER THAN BOLT. INSPECTOR TO VERIFY.
  6. SIMPSON "STB" ANCHOR BOLTS MAY BE SUBSTITUTED WITH SPECIAL DEPUTY INSPECTION.



## EPOXY CONN. TO (E) CONCRETE

## HOLDOWN DETAIL

## (N) TO (E) FOUNDATION

## HOLDOWN DETAIL

## HOLDOWN DETAIL

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

NOT USED

FOUNDATION DETAIL

FOUNDATION DETAIL