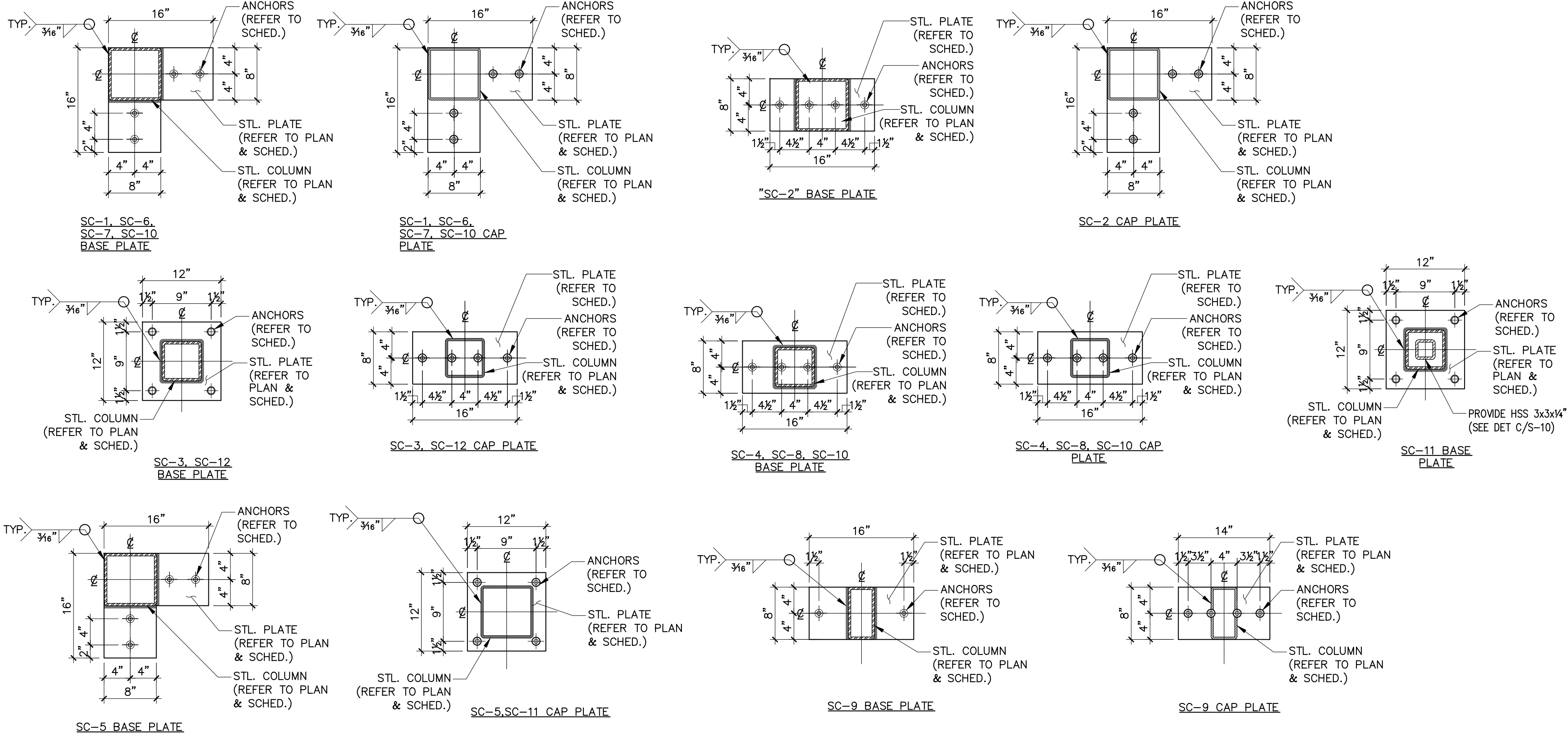


STEEL COLUMNS SCHEDULE			
MARK	SIZE	BASE R	CAP R
SC-1	HSS 8x8x3/8	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-2	HSS 8x8x3/8	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-3	HSS 6x6x3/8	R 3/4"x12"x1'-0" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-4	HSS 6x6x3/8	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-5	HSS 8x8x3/8	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x12"x1'-0" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-6	HSS 8x8x3/8	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-7	HSS 6x6x3/8	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-8	HSS 8x4x3/8	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-9	HSS 8x4x3/8	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-10	HSS 6x6x3/8	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x16"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-11	HSS 6x6x3/8	R 3/4"x12"x1'-0" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS (REFER TO DET. ?/S-?)	R 3/4"x12"x1'-0" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
SC-12	HSS 8x8x3/8	R 3/4"x12"x1'-0" STL. PLATE W/(4)-9/8"Ø x 12" LONG HEADED STUDS	R 3/4"x8"x1'-4" STL. PLATE W/(4)-9/8"Ø x 8" LONG HEADED STUDS
NOTE: 1. ALL STEEL COLUMNS SHALL BE GROUT FILLED (3000 PSI MIN.) ALLOW A 2"x2" OPENING ON CAP PLATE FOR GROUT. 2. PROVIDE 1" DIAMETER PRESSURE RELIEF HOLES AT BOTTOM, TOP AND AT MID-HEIGHT. 3. SHOP WELD BASE AND CAP PLATES. 4. Fy= 46 KSI. FOR STL. COLUMNS & Fy=36 KSI. FOR STL. PLATES. 5. ALL STEEL MEMBERS SHALL BE HOT DIPPED GALVANIZED.			



STEEL COLUMN DETAILS
SCALE: 1"=1'-0"

A

NOTES

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CONSULTANT(S)

NO.	REVISION/SUBMISSION	DATE
1	OWNER REVIEW	04-08-24
2	PERMIT SUBMITTAL	10-28-23

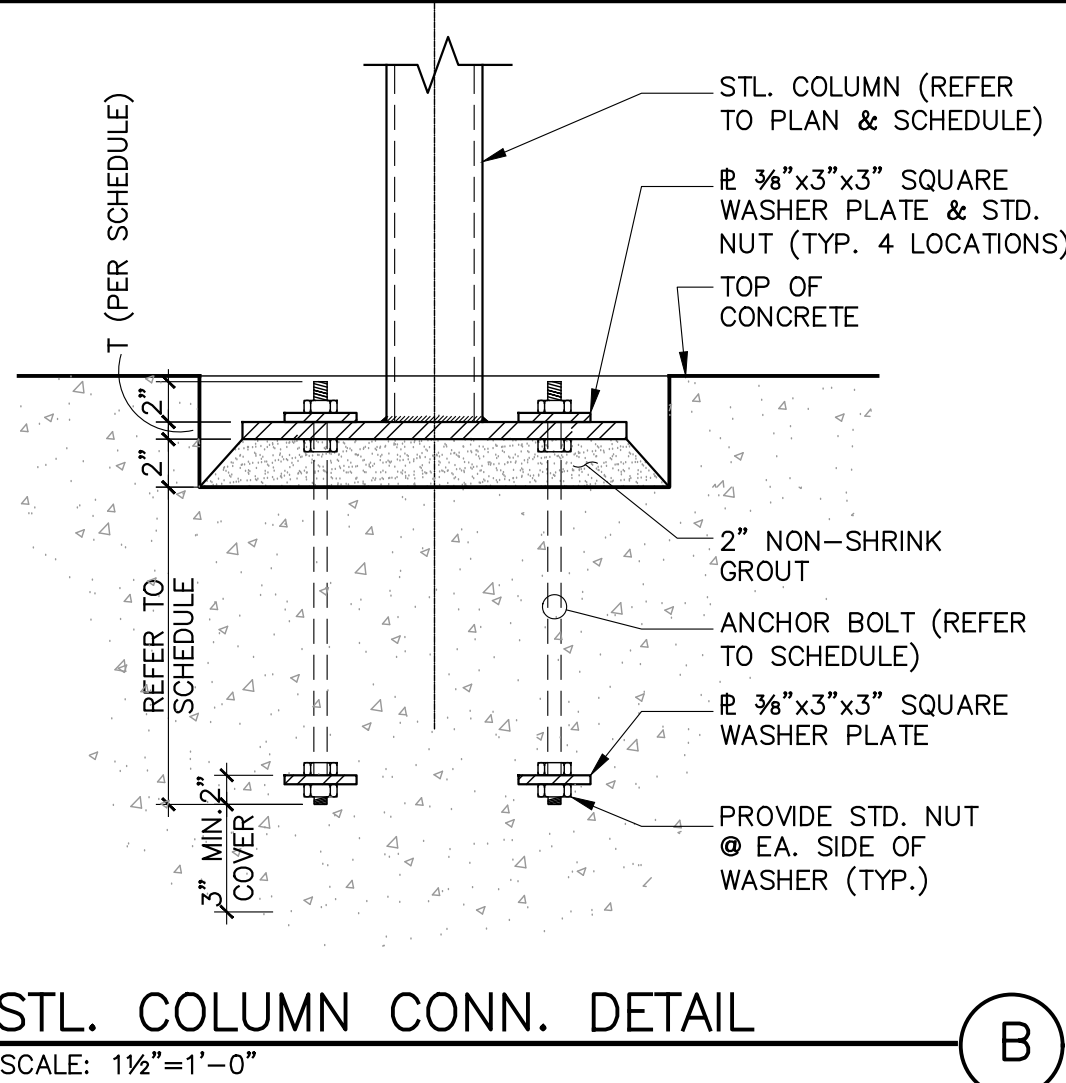
PROJECT

New 2-Story Residence:
6100 W Suburban Dr. Pinecrest, FL 33156

DRAWING

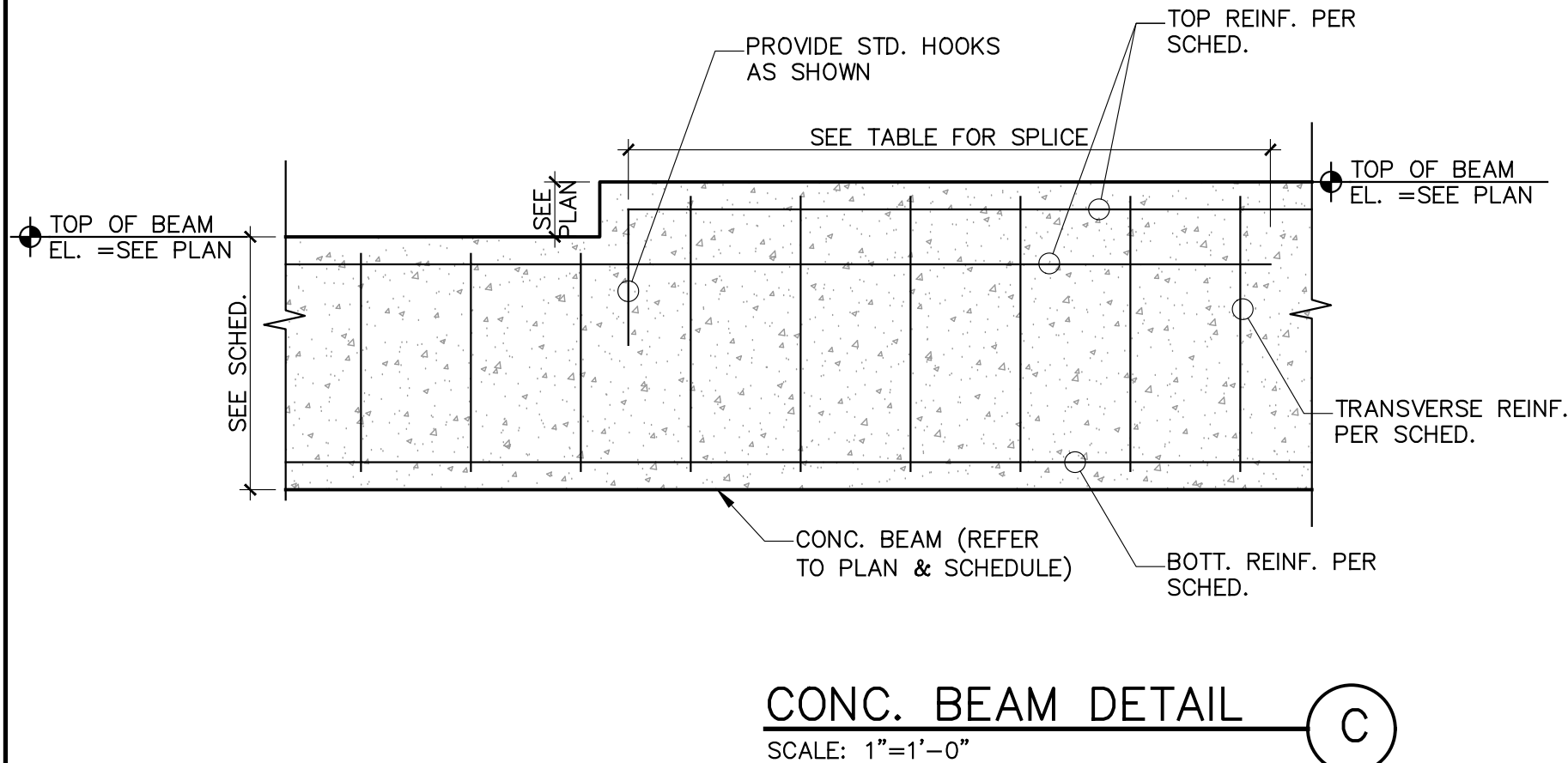
SEAL	SCALE
	DRAWN
	REVIEWED NDL
	PROJ. NO. 351

SHEET NO.
Nelson de
Leon AR 13937 **S-8A**



STL. COLUMN CONN. DETAIL
SCALE: 1 1/2"=1'-0"

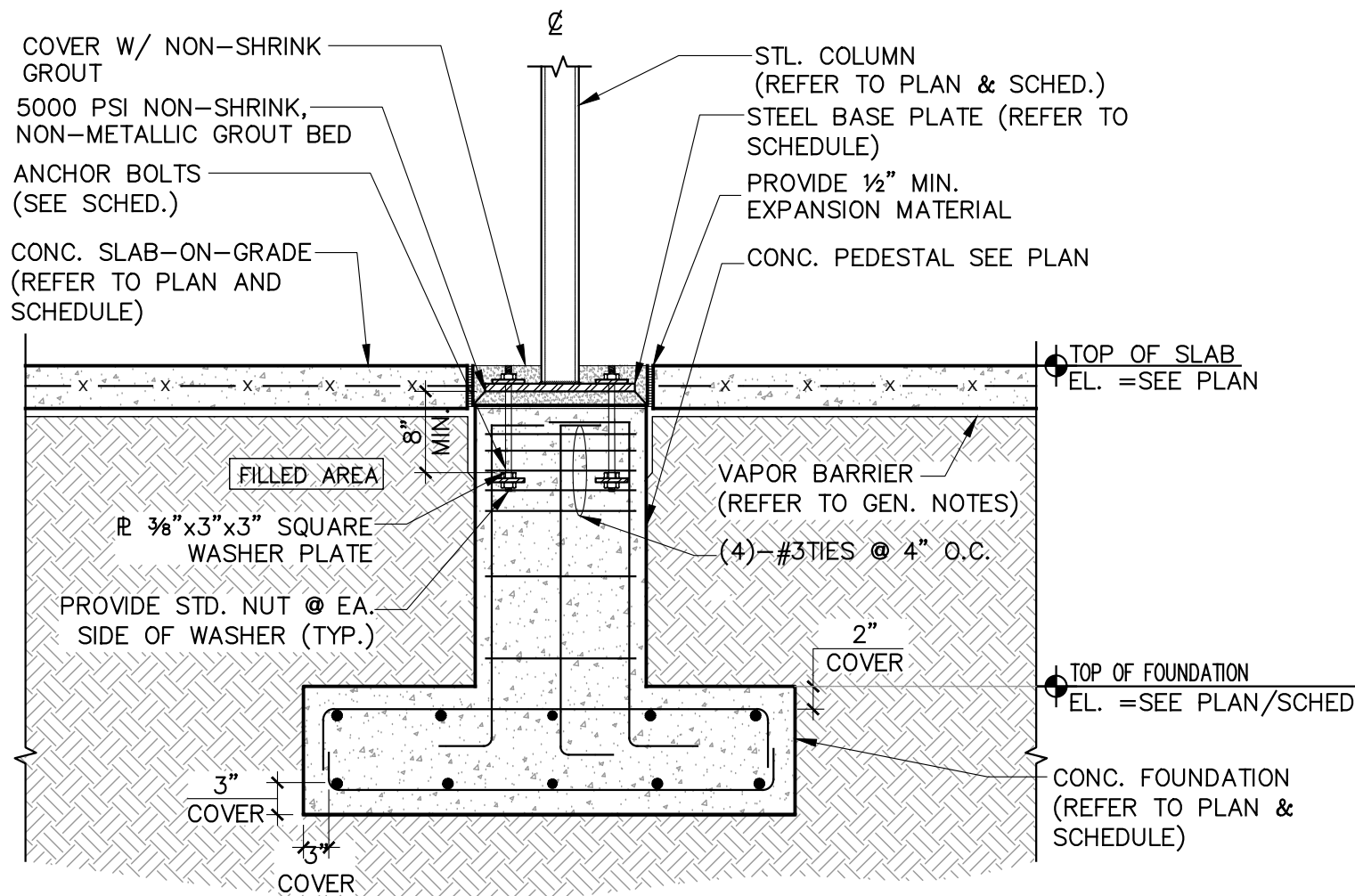
B



CONC. BEAM DETAIL
SCALE: 1"=1'-0"

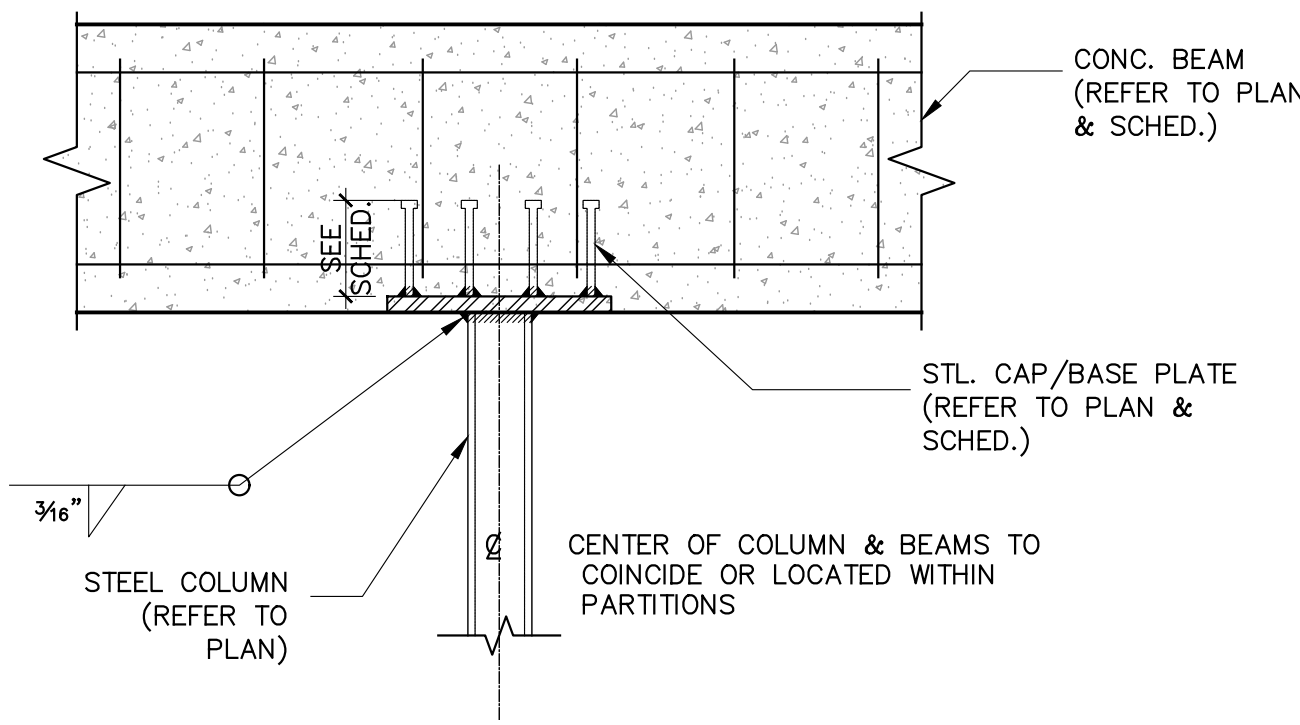
C

TENSION DEVELOPMENT LENGTH SCHEDULE (F _y =5000 PSI)	
REBAR SIZE	DEVELOPMENT LENGTH (INCHES)
#6	43
#7	63
#8	72
#9	81



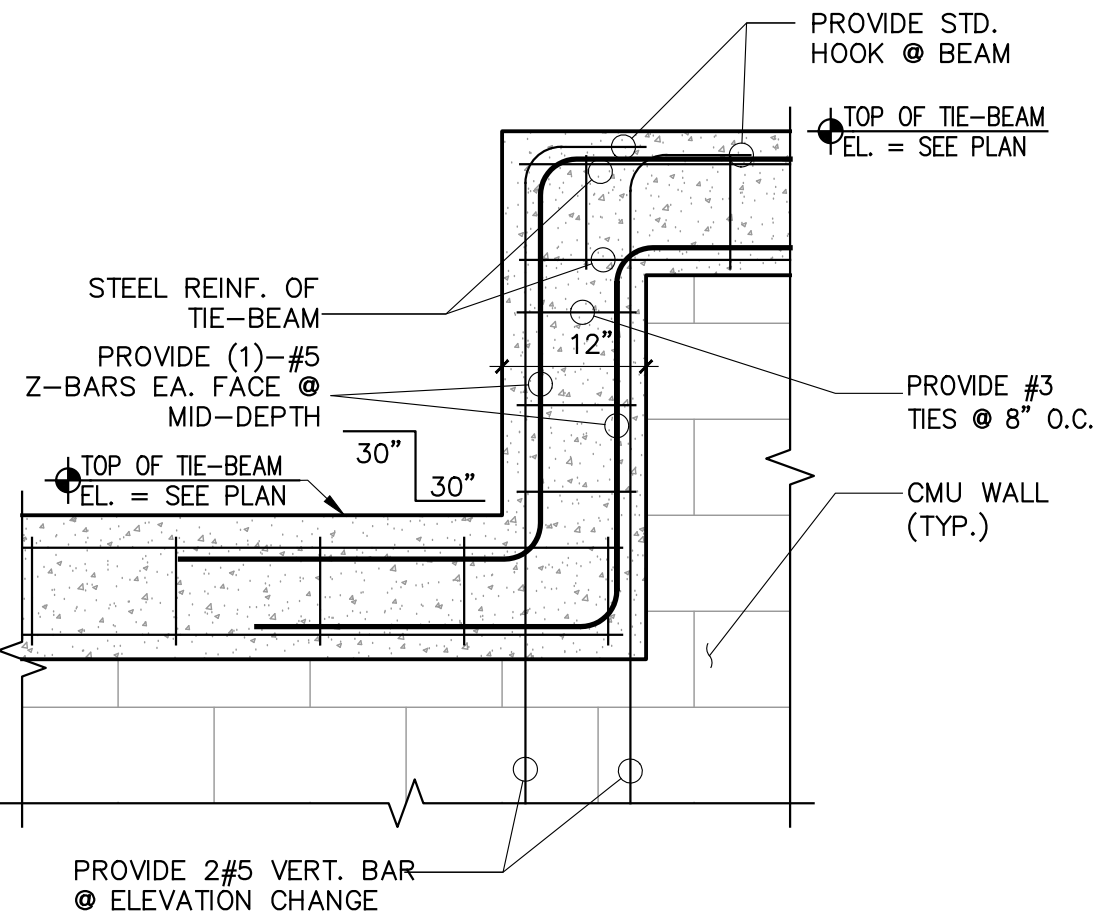
STL. COL. PEDESTAL DET.
SCALE: 3/4"=1'-0"

D



STEEL COLUMN CONN. DETAIL
SCALE : 1" = 1'-0"

E



STEPPED TIE-BEAM DETAIL
SCALE : 3/4"=1'-0"

F

TO THE BEST OF MY KNOWLEDGE THESE PLANS CONFORM TO THE STRUCTURAL REQUIREMENTS OF F.B.C. 2023 LATEST REVISIONS, INCLUDING SECTIONS PERTAINING TO H.V.H.Z.

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