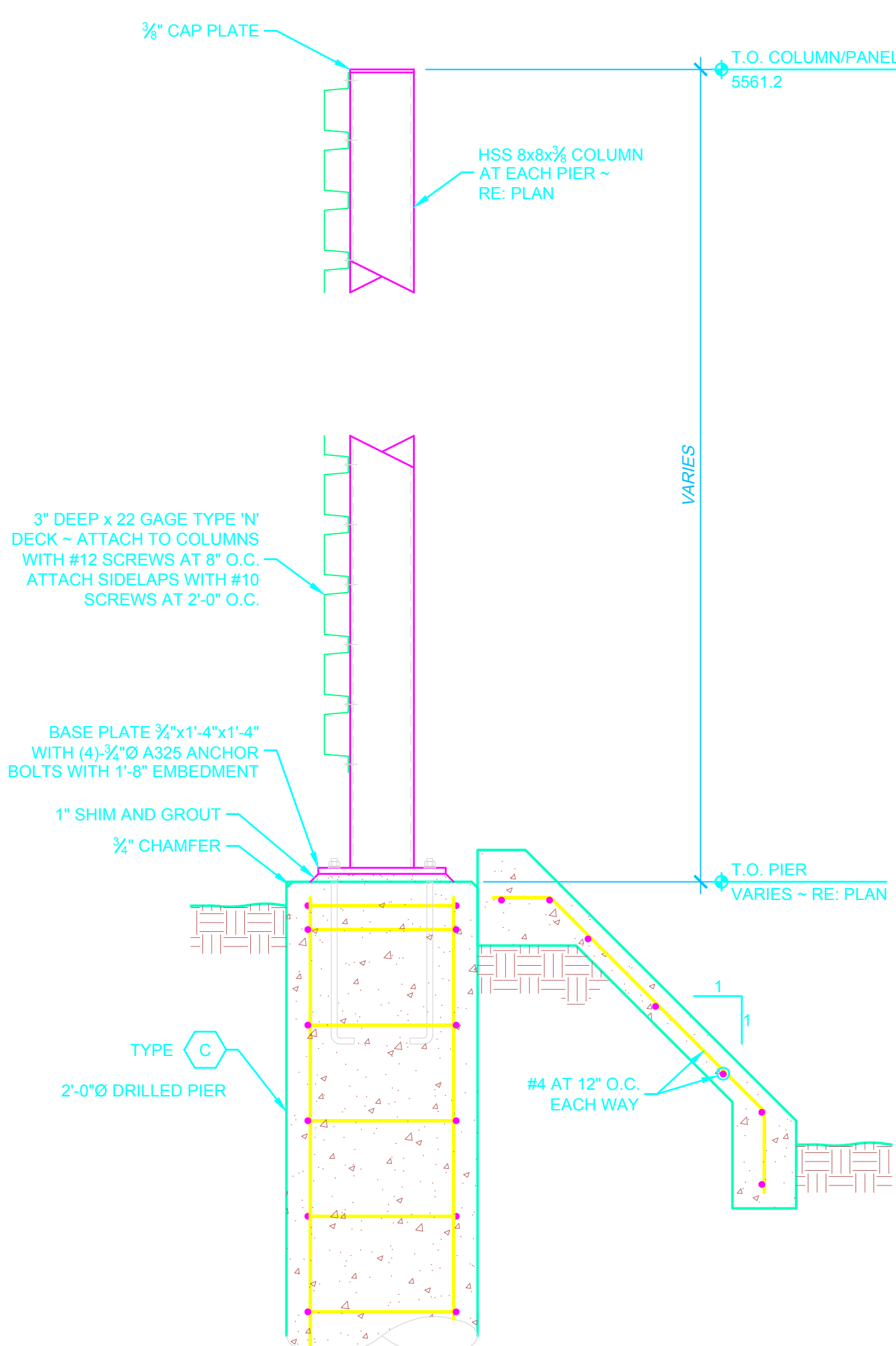
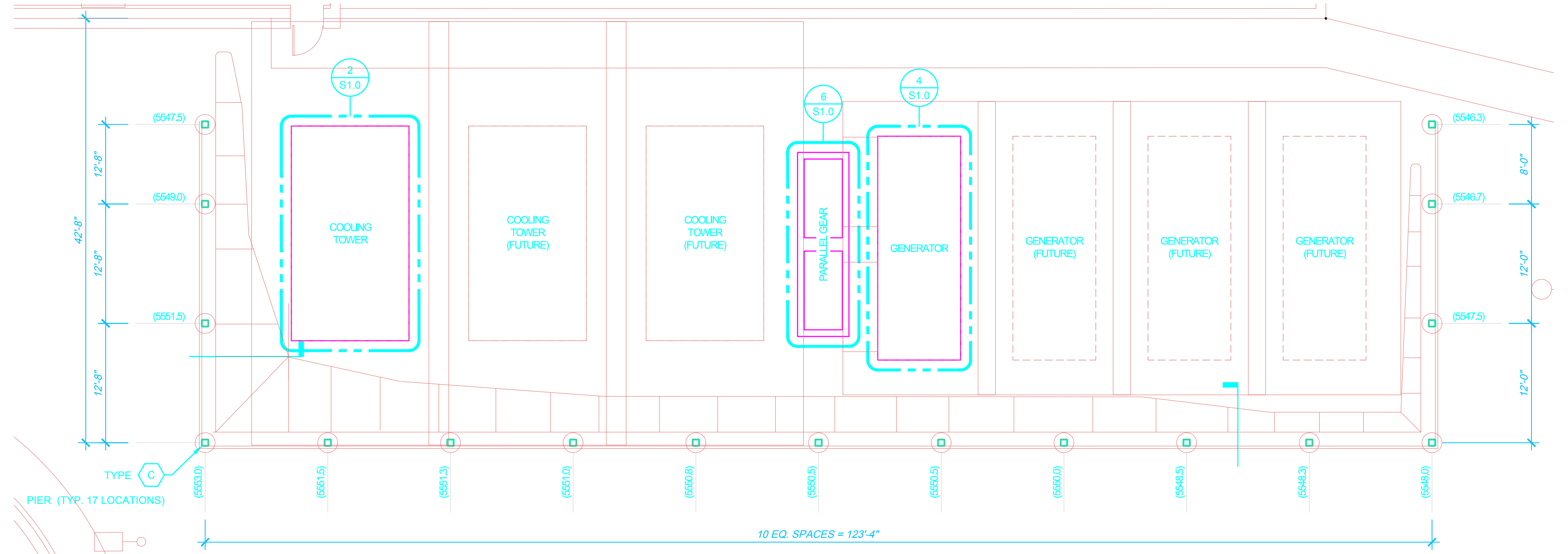
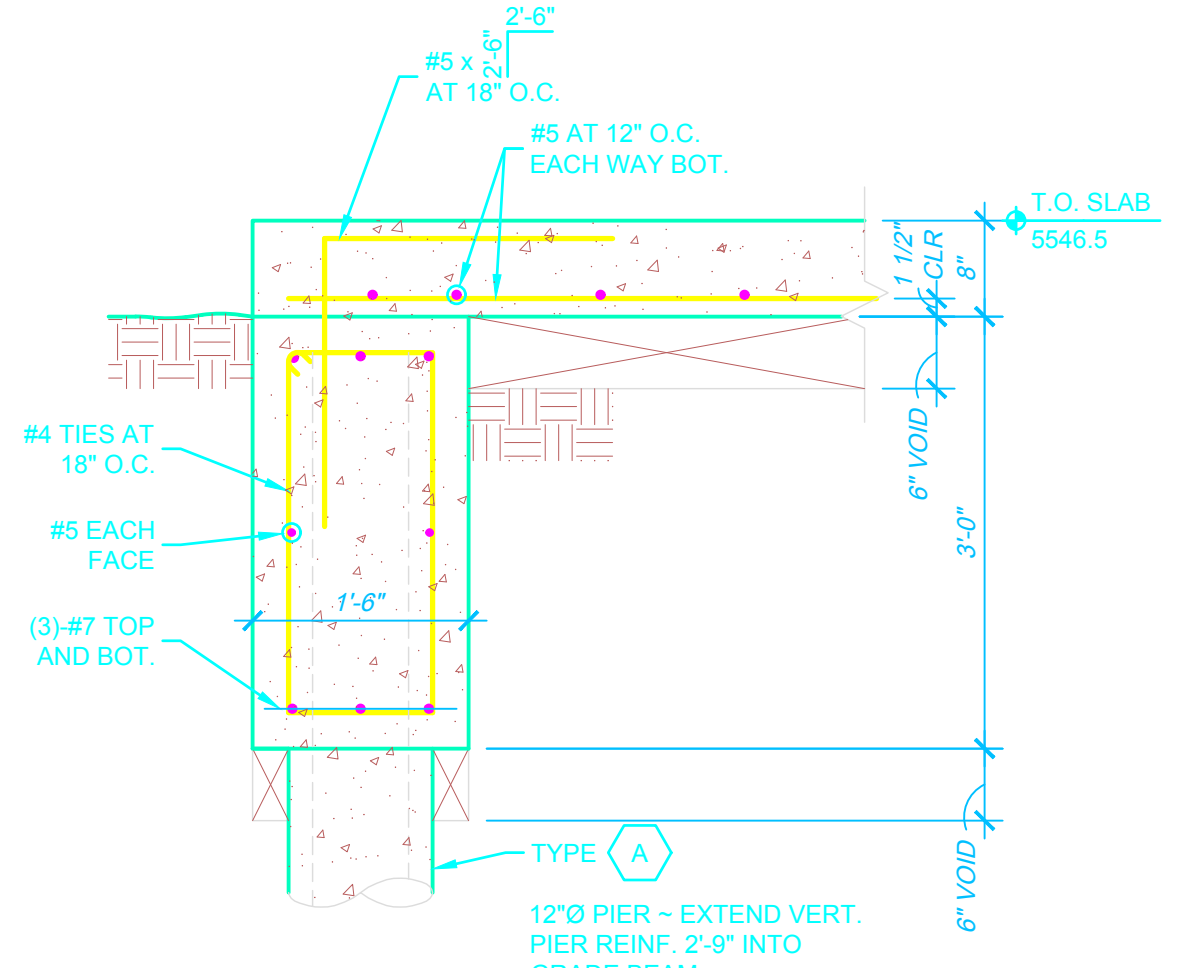


DRILLED PIER SCHEDULE					
MARK	DIAMETER	MIN. PENETRATION INTO BEDROCK	VERTICAL REINF.	TIES	# PIERS
A	12"	15'-0"	4-#5	#4 AT 16" O.C.	8
B	16"	15'-0"	6-#5	#4 AT 16" O.C.	12
C	24"	15'-0"	9-#6	#4 AT 16" O.C.	17

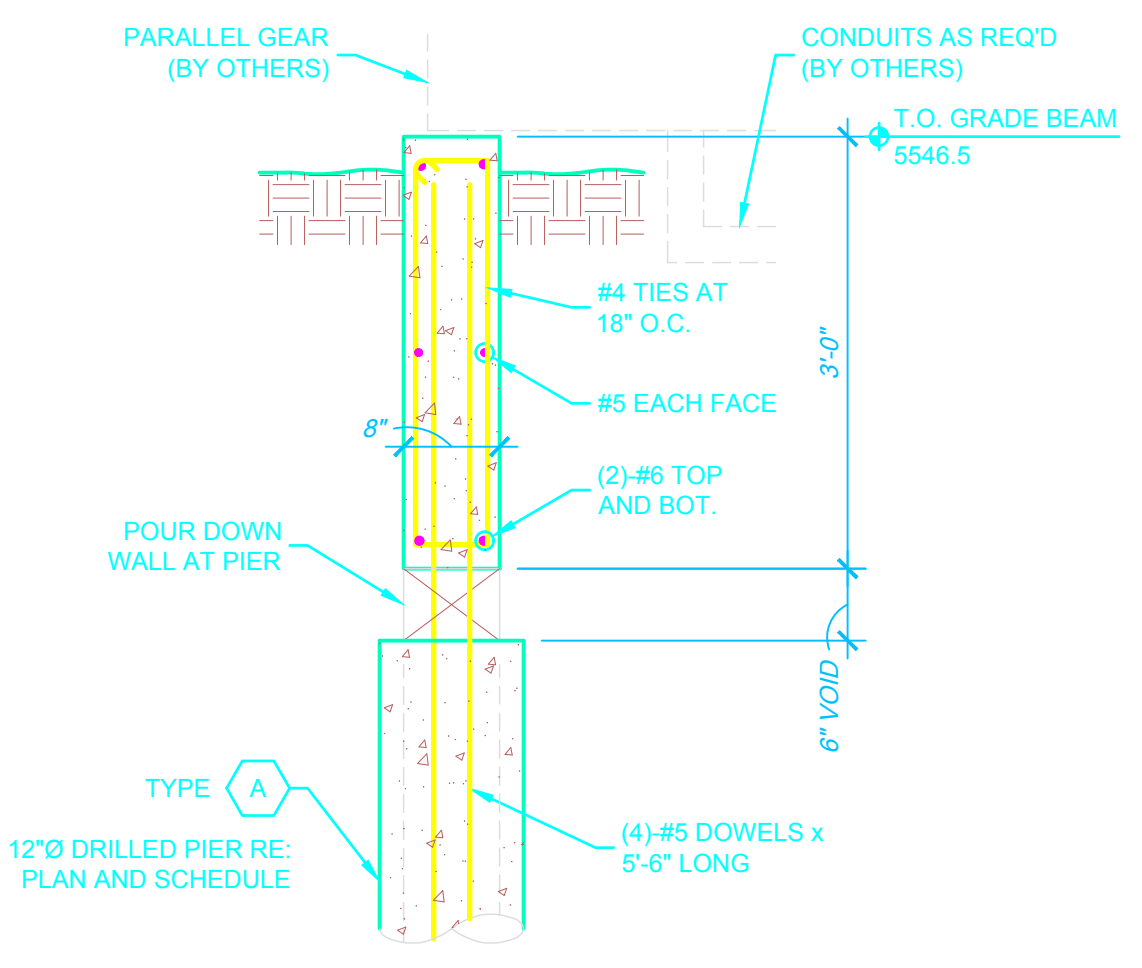
NOTES:
 1. DRILLED PIERS SHALL BE CENTERED UNDER COLUMNS AND GRADE BEAMS UNLESS OTHERWISE DIMENSIONED ON PLAN.
 2. DRILLED PIER REINFORCING FABRICATED INTO CAGES SHALL BE TIED ONLY - NO TACK WELDING ALLOWED.
 3. ALL DRILLED PIERS SHALL HAVE A MINIMUM OVERALL LENGTH OF 25'-0".
 4. SEE TYPICAL DRILLED PIER DETAIL ON SHEET S1.0.



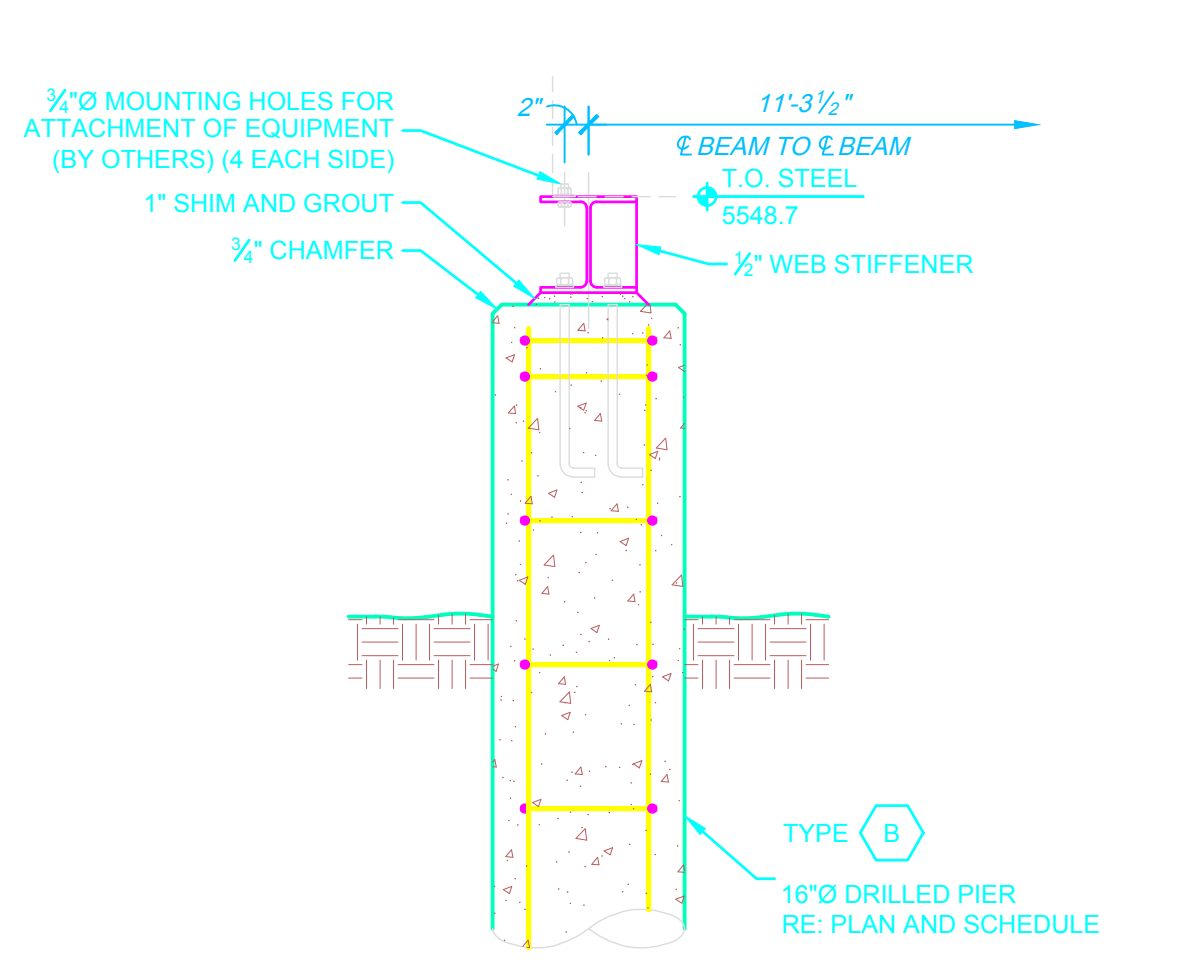
8 SCREENWALL DETAIL
SCALE: 3/4"x1'-0"



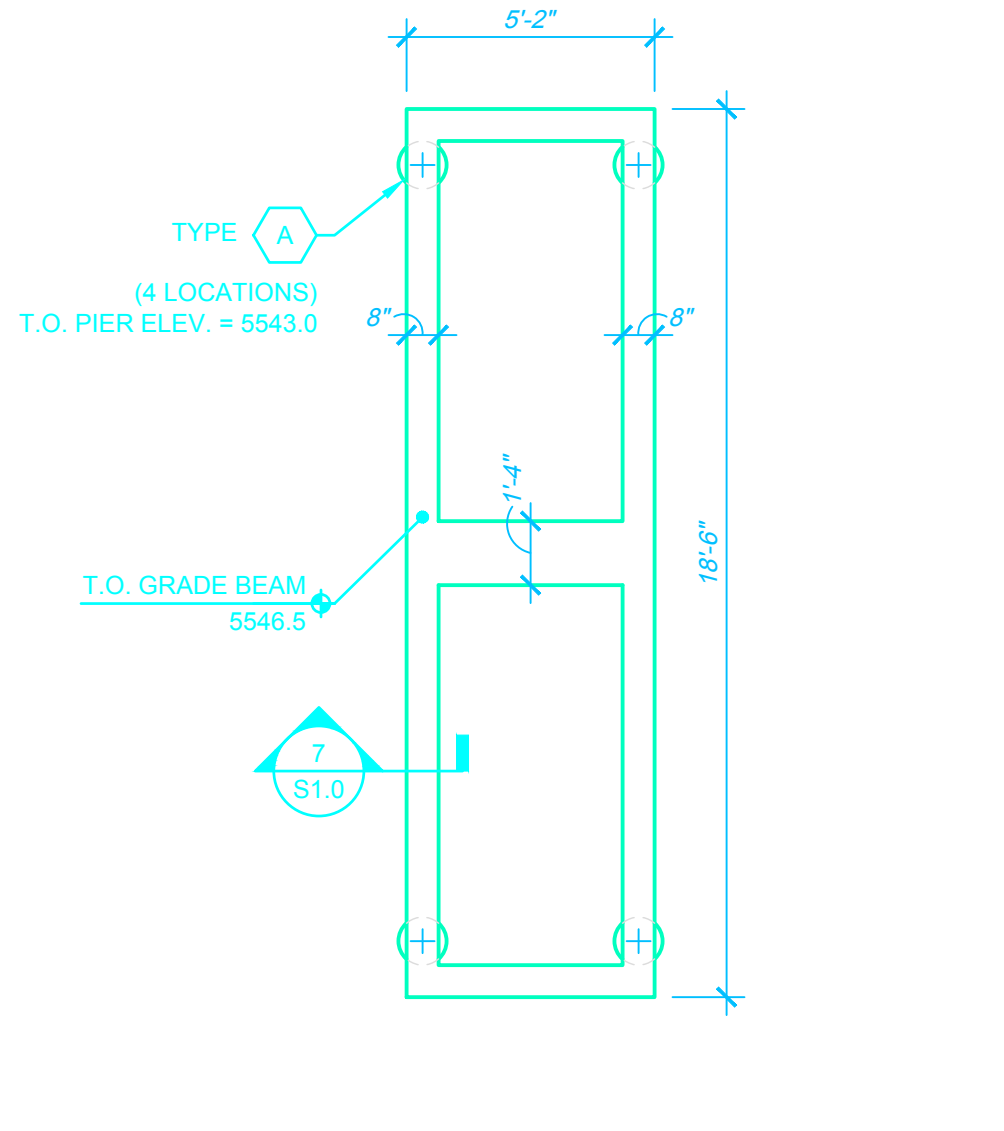
5 GENERATOR SLAB AND GRADE BEAM
SCALE: 3/4"x1'-0"



7 GRADE BEAM AT PARALLEL GEAR
SCALE: 3/4"x1'-0"

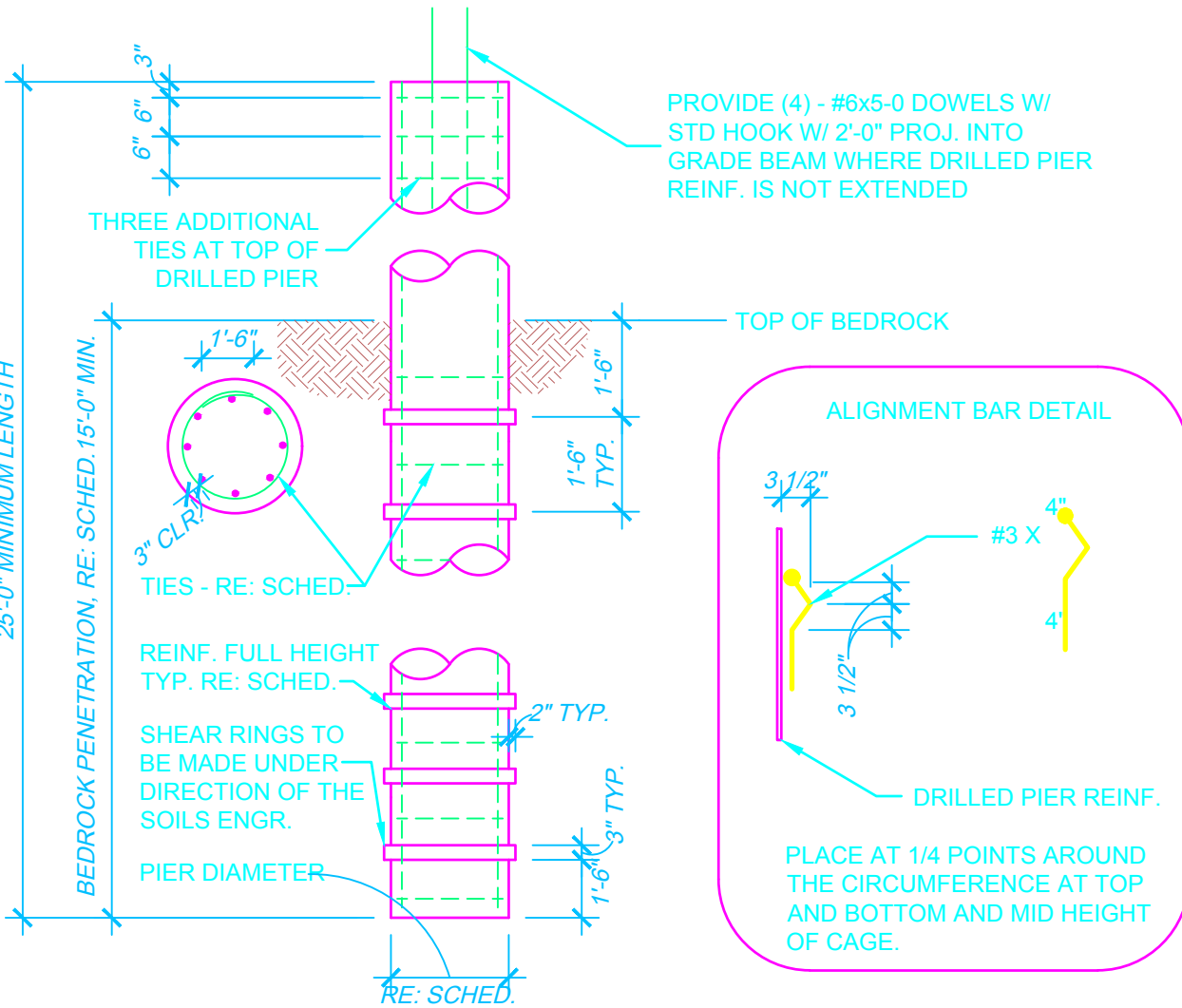


3 DETAIL AT COOLING TOWER SUPPORT BEAM
SCALE: 3/4"x1'-0"

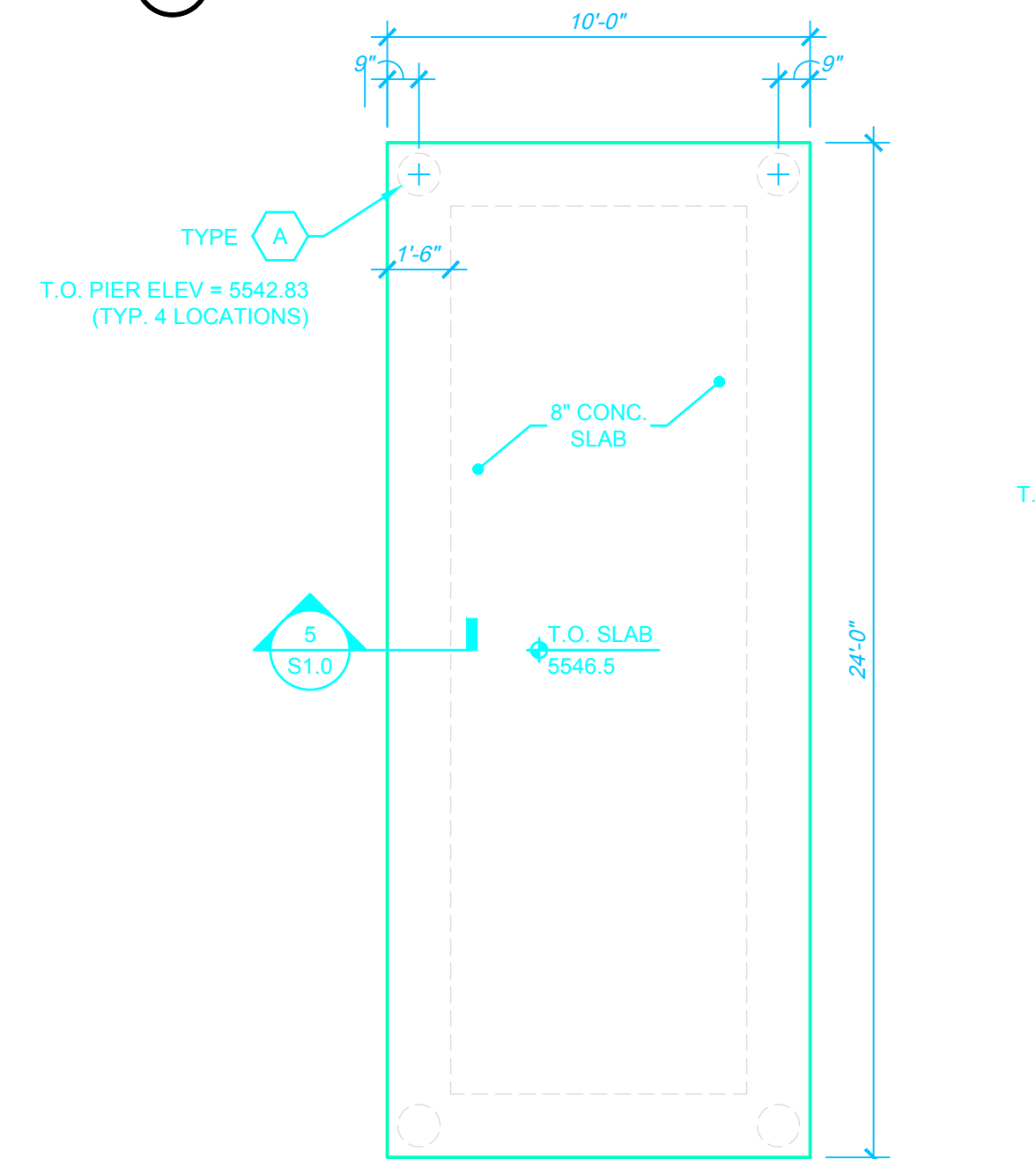


6 FOUNDATION PLAN AT PARALLEL GEAR
SCALE: 1/4"x1'-0"

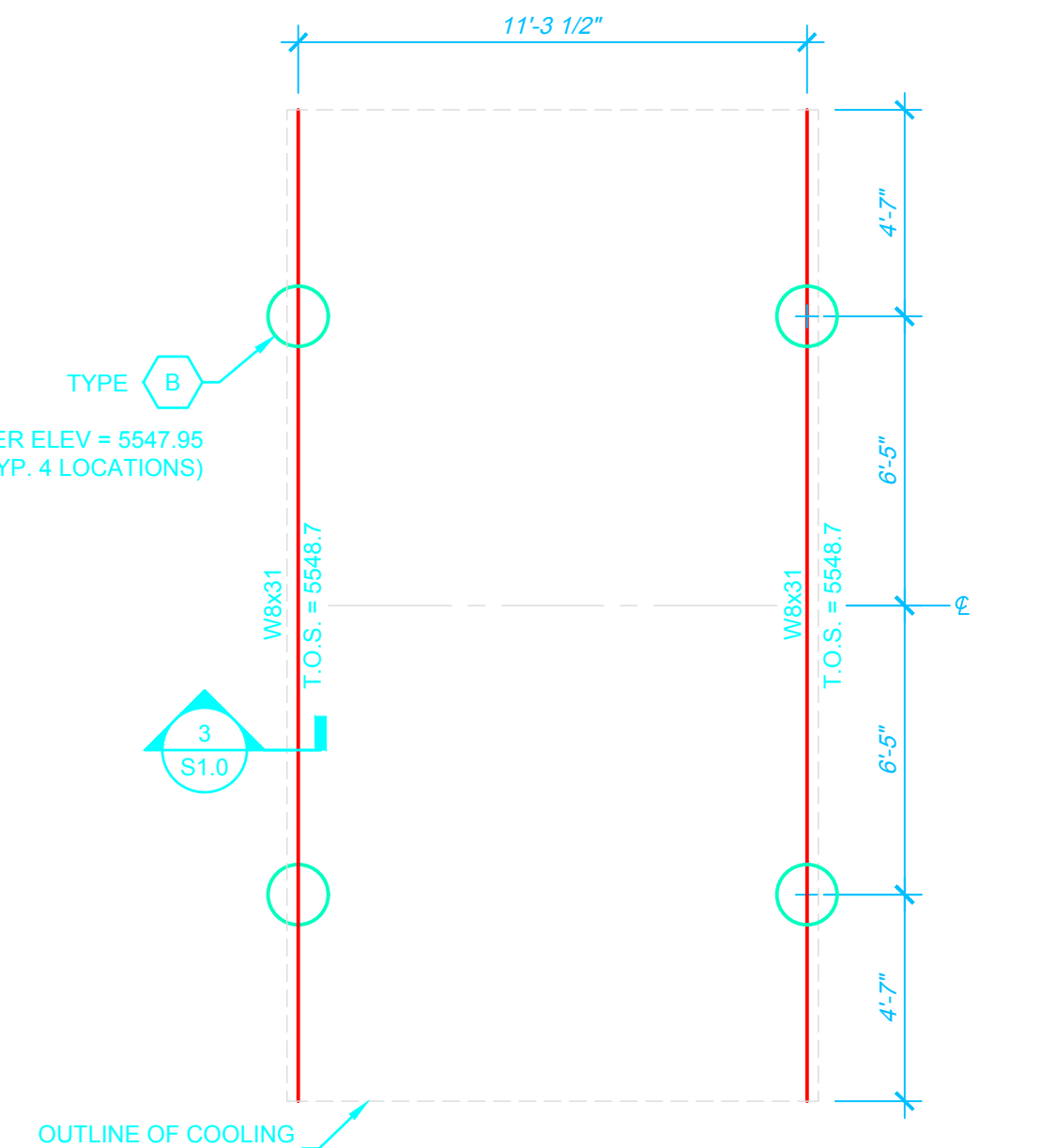
1 SCREENWALL AND MECHANICAL EQUIPMENT LAYOUT PLAN
SCALE: 1/8"x1'-0"



9 TYPICAL DRILLED PIER DETAIL
NTS



4 GENERATOR SLAB PLAN
SCALE: 1/4"x1'-0"



2 COOLING TOWER SUPPORT BEAMS LAYOUT
SCALE: 1/4"x1'-0"

SCREENWALL PLAN NOTES:
 1. RE: CIVIL FOR FINAL GRADING.
 2. DRILLED PIERS FOR FUTURE COOLING TOWERS SHALL BE INSTALLED, BUT SUPPORT BEAMS PROVIDED IN FUTURE.
 3. FUTURE GENERATOR PADS AND PIERS TO BE PROVIDED IN FUTURE.

DATE: _____

REVISION DESCRIPTION: _____

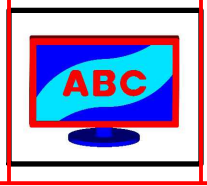
DRAWN: ABC
 DESIGNED: _____
 CLIENT: _____
 DATE: 03/02/22
 SCALE: AS SHOWN

PROJECT: INDUSTRIAL BUILDING EXPANSION
 COMPUTER ROOM EXPANSION
 STRUCTURAL CONSTRUCTION DRAWINGS

DRAWING TITLE: COOLING TOWER AND GENERATOR AND GENERATOR SCREENWALL

DRAWING NO.: S101
 OF _____

DO NOT SCALE DRAWINGS. ALL DIMENSIONS IN FT & IN UNLESS NOTED OTHERWISE.



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