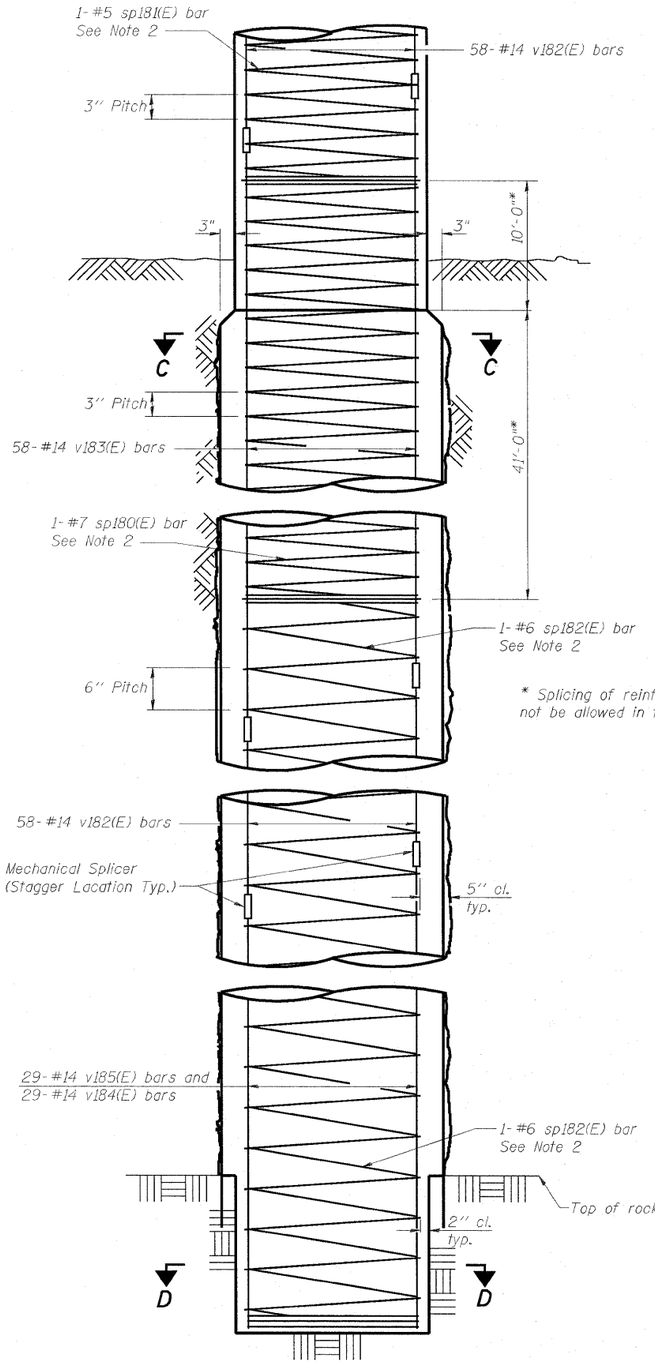
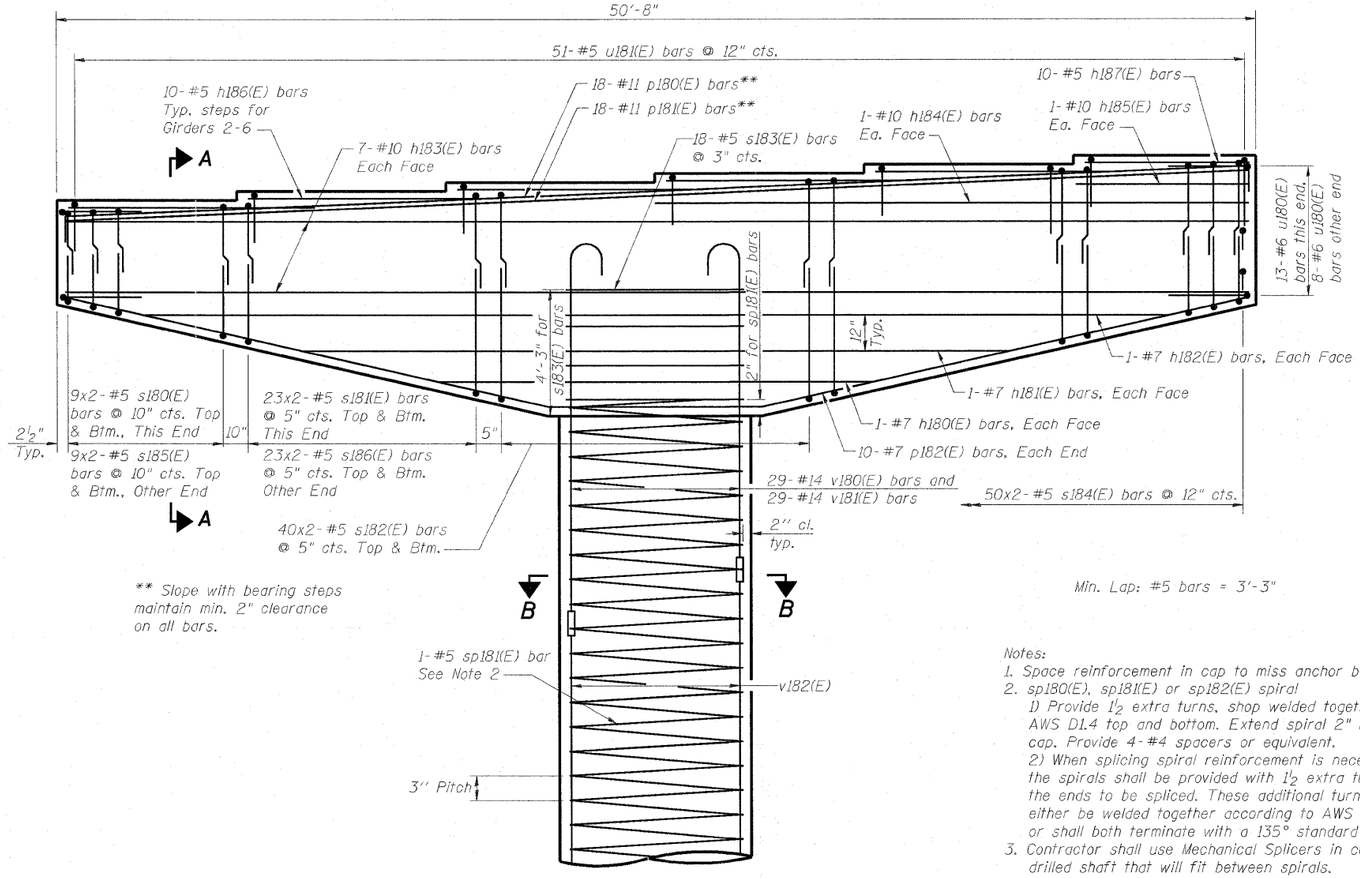


ELEVATION
(Looking East)

* Splicing of reinforcement will not be allowed in this region.

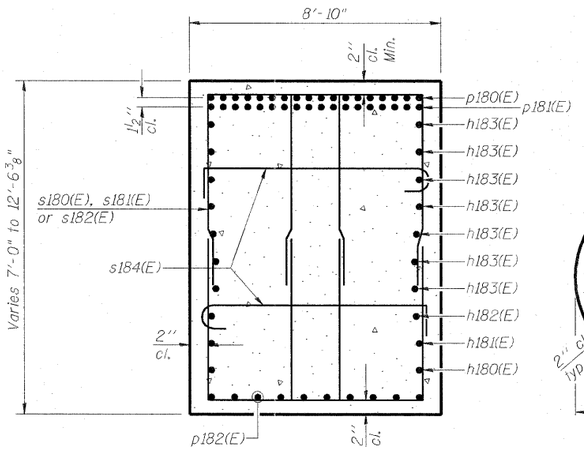


** Slope with bearing steps maintain min. 2" clearance on all bars.

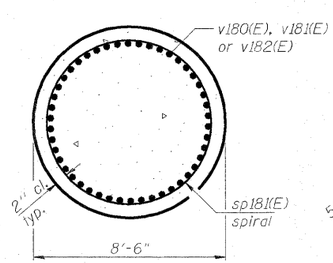
Min. Lap: #5 bars = 3'-3"

ELEVATION
(Looking Up Station)

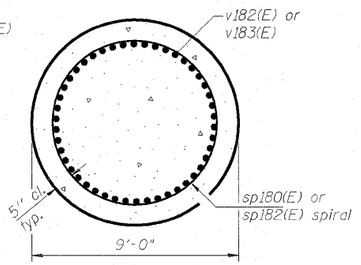
Notes:
1. Space reinforcement in cap to miss anchor bolts.
2. sp180(E), sp181(E) or sp182(E) spiral
   1) Provide $1\frac{1}{2}$ extra turns, shop welded together per AWS D1.4 top and bottom. Extend spiral 2" into pier cap. Provide 4-#4 spacers or equivalent.
   2) When splicing spiral reinforcement is necessary, the spirals shall be provided with $1\frac{1}{2}$ extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4, or shall both terminate with a 135° standard hook.
3. Contractor shall use Mechanical Splicers in column and drilled shaft that will fit between spirals.
4. Contractor shall test the Drilled Shaft in accordance with special provision for Crosshole Sonic Logging.



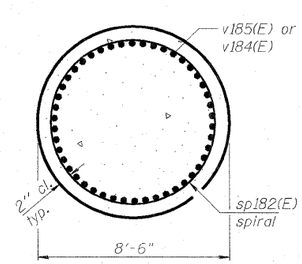
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

k:\projects\60046601\sn082-0322 & 0324 flyover\900.cad\901.drawings\76c08_master_consolidated\structural\082-0322\sheet\082-0322-0324_76C76_SG18_Unit3-Pier9-2.dgn

AECOM

USER NAME =	DESIGNED - DDB	REVISED -
	DRAWN - BRD	REVISED -
PLOT SCALE = 0.166667 ' / IN.	CHECKED - LLV	REVISED -
PLOT DATE = 6/30/2011	DATE - 07-01-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER – UNIT 3 – PIER 9 – DETAILS
I–70E OVER I–55, CSX & KCS RAILROADS
SCALE: | SHEET S-165 OF S-234 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	292
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		