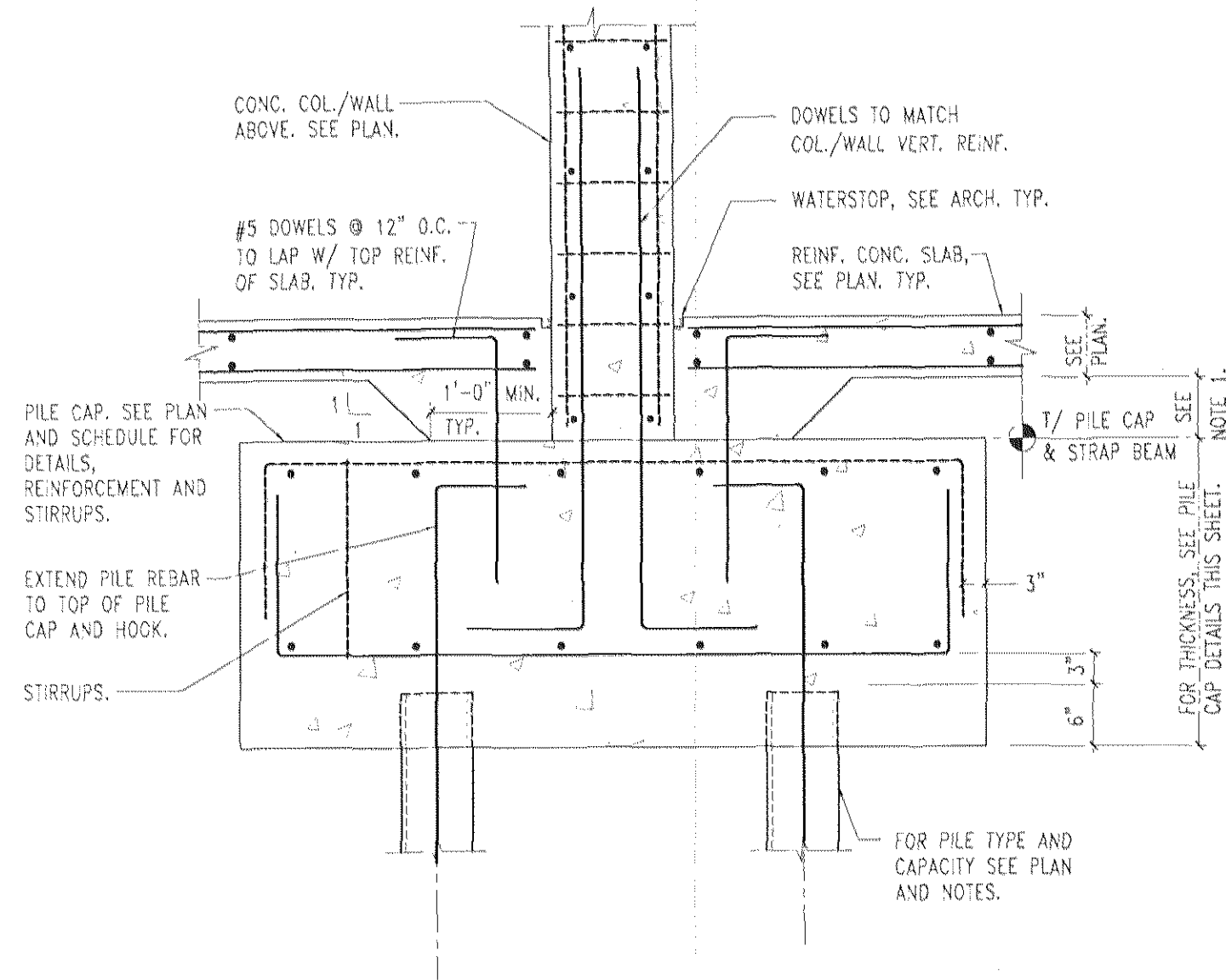


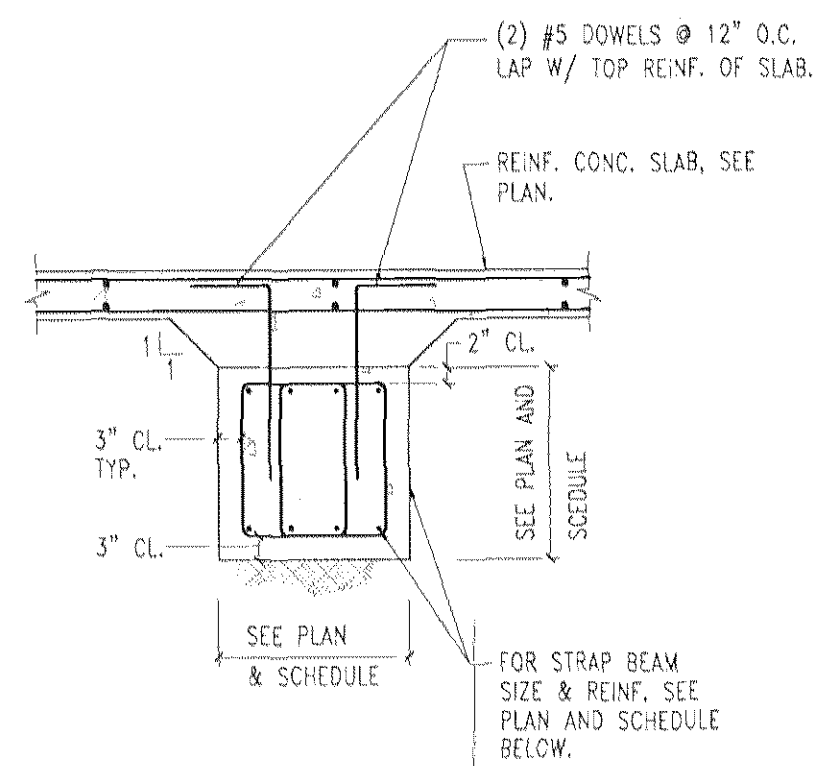


1 TYP. PILE CAP DETAIL

SCALE: N.T.S.

NOTE:

1. PROVIDE 6" @ 12" THICK SLAB.
2. PROVIDE 9" @ 9" THICK SLAB.



2 TYP. STRAP BEAM DETAIL

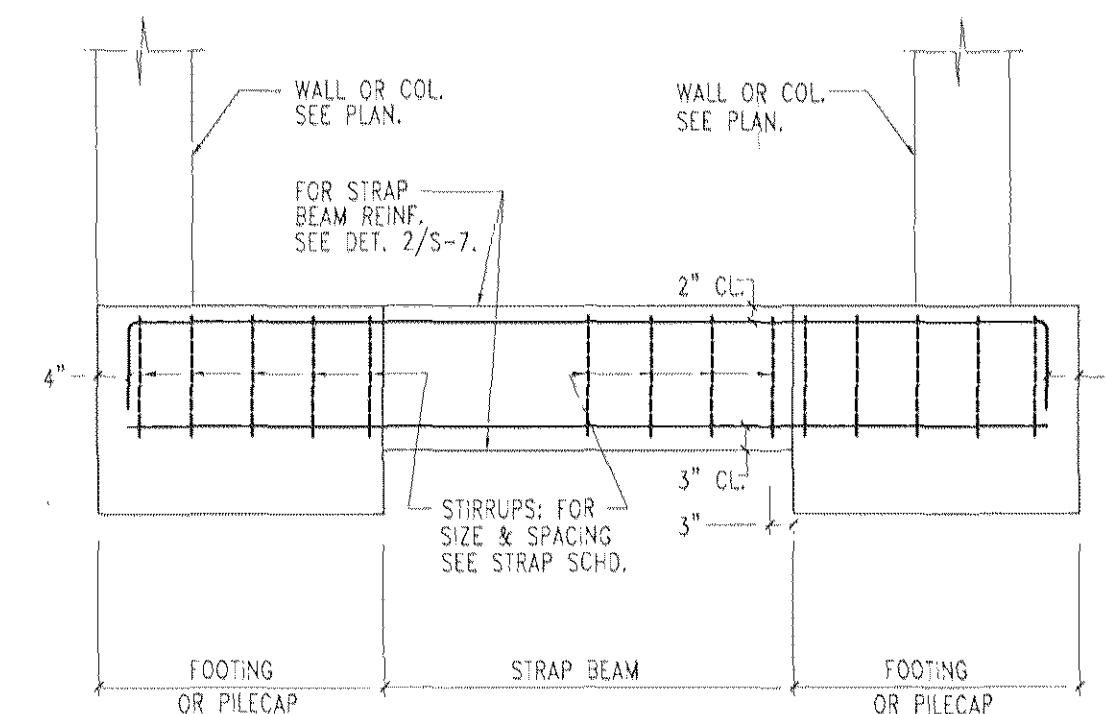
SCALE: N.T.S.

STRAP BEAM SCHEDULE:

- SB-1: 2'-0"x2'-0" DEEP REINF. W/ (6) #8 TOP (6) #8 BOT. (2) #5 @ 10" STIRRUPS
 SB-2: 2'-6"x2'-6" DEEP REINF. W/ (7) #8 TOP (7) #8 BOT. (2) #6 @ 8" STIRRUPS
 SB-3: 3'-0"x3'-0" DEEP REINF. W/ (12) #8 TOP (4) #8 BOT. #4 @ 6" STIRRUPS.
 W/ (6) ADD'L #8 TOP AND (6) ADD'L #8 BOT. DIAG. BARS.
 SB-4: 3'-6"x3'-0" DEEP REINF. W/ (10) #9 TOP (6) #8 BOT. (2) #4 @ 12" STIRRUPS.
 SB-5: 3'-0"x3'-0" DEEP REINF. W/ (10) #9 TOP (6) #8 BOT. (2) #4 @ 12" STIRRUPS.

NOTES:

1. STRAP BEAM SLOPES WHERE SHOWN ON PLAN.
2. PROVIDE (2) BAR BUNDLES IF REQ'D.



3 TYP. STRAP BEAM DETAIL

SCALE: N.T.S.

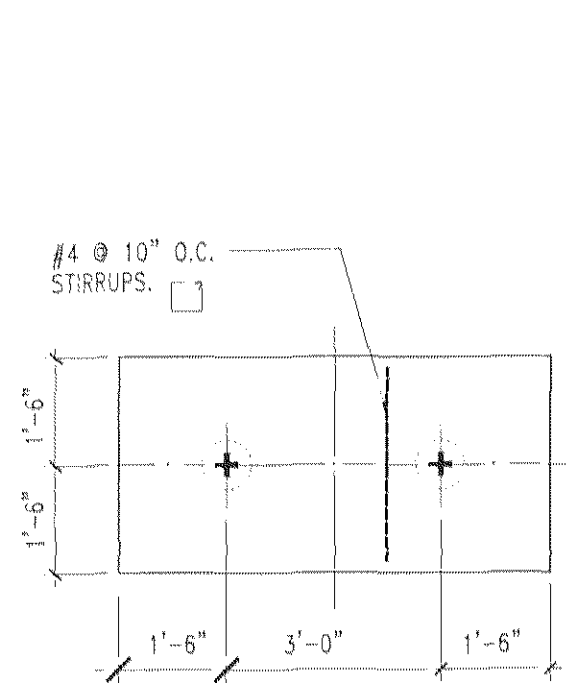
NOTES:

1. EXTEND TOP AND BOT. REINF. AND STIRRUPS INTO EDGE OF PILE CAP OR FOOTING AND END OF ALL CANT. BEAMS.
2. CENTERLINE OF STRAP BEAMS TO ALIGN W/ CENTERLINES OF CAISSONS.
3. TOP REINF. OF STRAP BEAMS RUNNING EAST-WEST TO BE PLACED AS TOP LAYERS. SLOPE OTHER BEAM TOP REINF. BELOW EAST-WEST BEAMS. CONTRACTOR TO SLOPE BOTTOM OF STRAP BEAM TO MATCH SLOPE OF ADJUSTED TOP BAR.

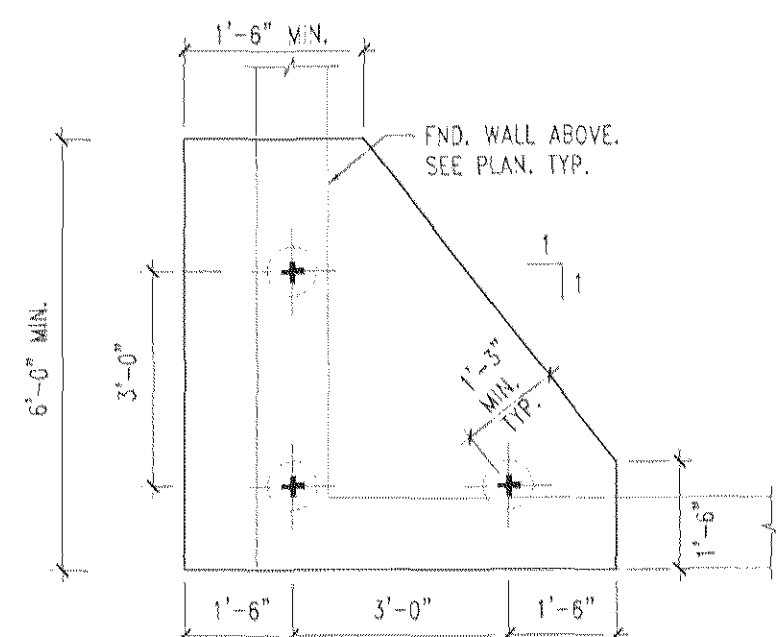
REINF. ASTM A615 GR. 60 ASTM A185			
STRUCTURAL ELEMENT	CONCRETE TYPE	CONCRETE STRENGTH	REMARKS
PILE CAPS STRAP BEAMS	145 PCF	5000 PSI	
FOUND. WALLS & ELEVATOR PIT	145 PCF	4000 PSI	ELEVATOR PIT WALL AND PIT SLAB BARS TO BE EPOXY COATED
FRAMED SLAB ON GRADE & MECH. FADS	145 PCF	4000 PSI	ALL REBARS & W.W.V. TO BE EPOXY COATED EXTERIOR EXPOSURES.
COLUMNS SHEAR WALLS	145 PCF	5000 PSI	
SUPERSTRUCTURE FRAMED SLABS	145 PCF	5000 PSI	
MTL. DECK SLAB U.O.N	110 PCF	3500 PSI	

4 CONCRETE MATERIAL SCHEDULE

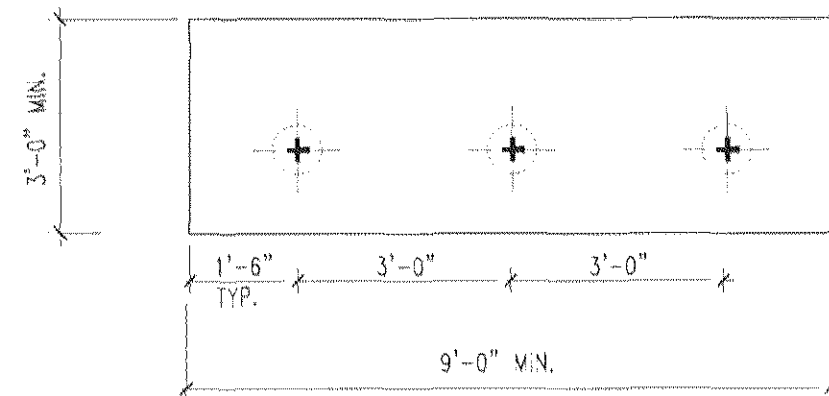
SCALE: N.T.S.



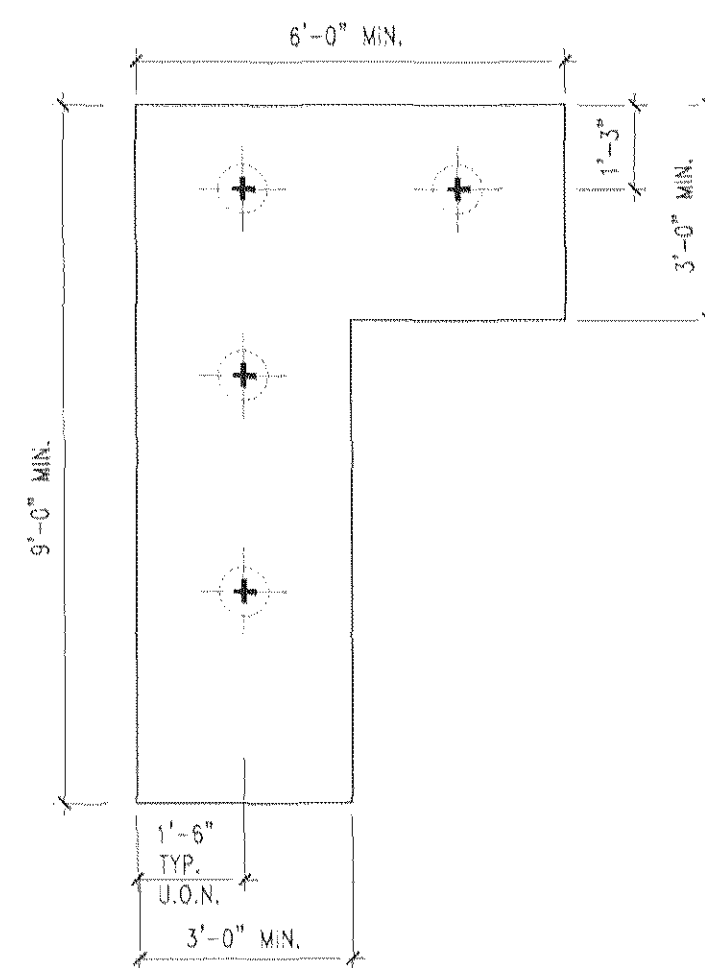
PC-2
36" THICK
5 #6 T&B LONG BARS



PC-3A
36" THICK AT COL. 2.
48" THICK AT COL. 1, 5 AND 6.
5 #6 T&B, (3) WAYS



PC-3B
36" THICK
#6@12 T&B SHORT BARS
5 #6 T&B LONG BARS



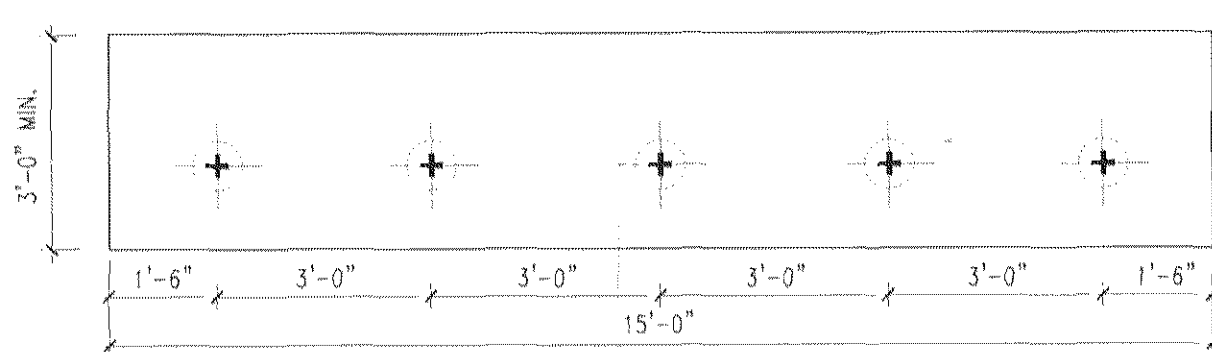
PC-4
36" THICK
6 #6 T&B, E.W.

4 PILE CAP DETAILS

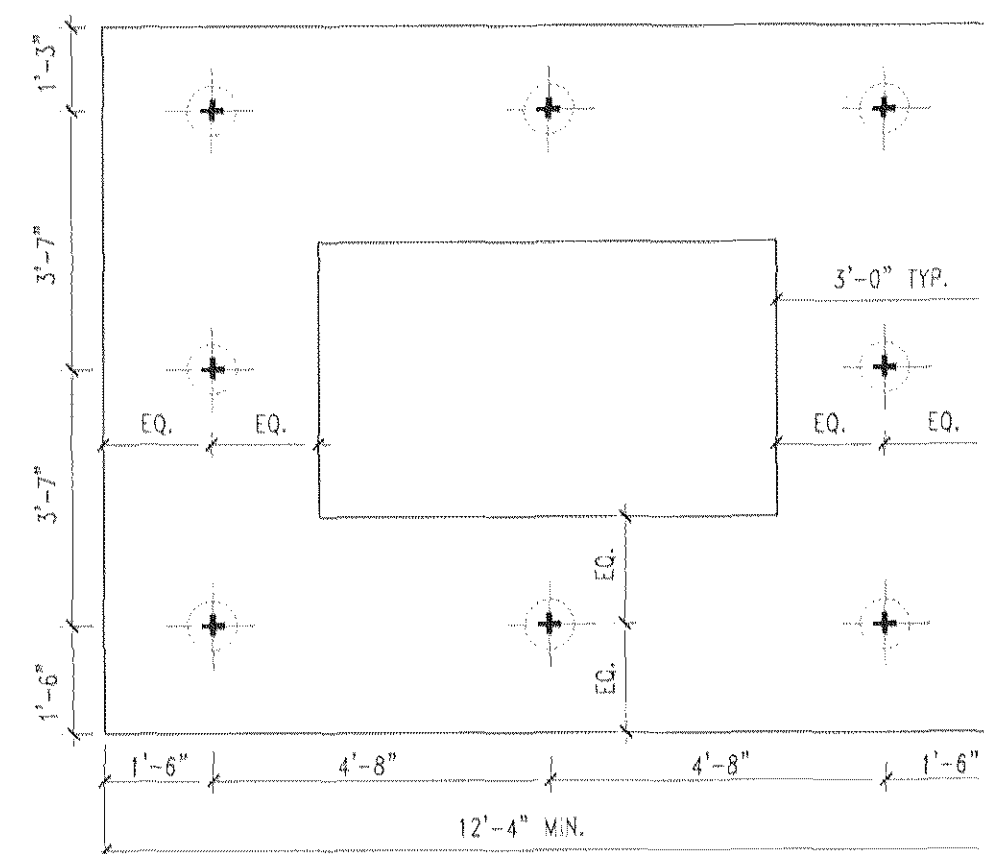
SCALE: N.T.S.

NOTES:

1. C. OF PILE CAP TO MATCH C. OF COL./WALL TYP. U.O.N.
2. SEE PLAN FOR LOCATION & ORIENTATION OF ALL PILE CAPS.
3. BASED ON FINAL SURVEY OF AS-BUILT CAISSON LOCATIONS, PILE CAPS ARE TO ENLARGE TO MAINTAIN A DIST. OF 1'-6" FROM CENTERLINE OF CAISSON TO EDGE OF CAP IN BOTH DIRECTIONS. IF CAP ENLARGES MORE THAN 4", PROVIDE (1) TOP AND BOT. BAR FOR EA. DIRECTION OF GROWTH.



PC-5
48" THICK
#6@12 T&B SHORT BARS
6 #5 T&B LONG BARS



PC-8
36" THICK
FOR REINF. INFO SEE
DETAILS 7 & 8 ON S-8.

5 PILE CAP DETAILS

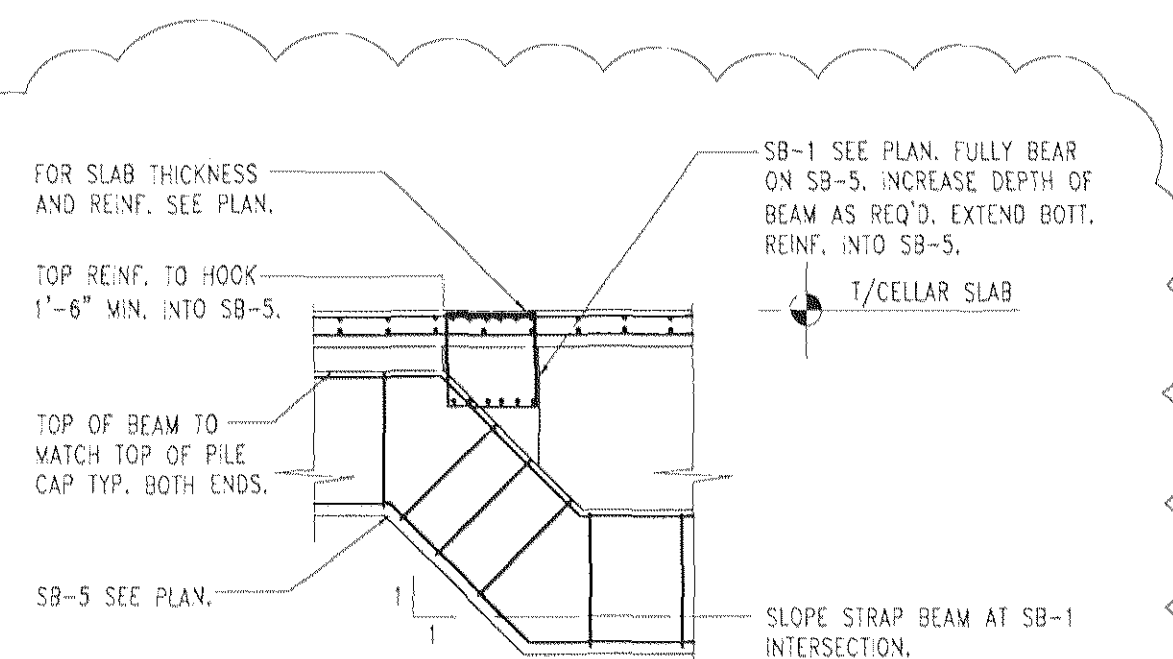
SCALE: N.T.S.

NOTES:

1. C. OF PILE CAP TO MATCH C. OF COL./WALL TYP. U.O.N.
2. SEE PLAN FOR LOCATION & ORIENTATION OF ALL PILE CAPS.
3. BASED ON FINAL SURVEY OF AS-BUILT CAISSON LOCATIONS, PILE CAPS ARE TO ENLARGE TO MAINTAIN A DIST. OF 1'-6" FROM CENTERLINE OF CAISSON TO EDGE OF CAP IN BOTH DIRECTIONS. IF CAP ENLARGES MORE THAN 4", PROVIDE (1) TOP AND BOT. BAR FOR EA. DIRECTION OF GROWTH.

6 SECTION AT STRAP BEAM SUPPORT
(@ SB-5)

SCALE: 1/4"=1'-0"



6	5/17/07	Revision 5
5	3/23/07	Revision 4
4	1/26/07	Revision 1
3	10/13/06	Issued for Construction
2	06/01/06	Issued for BID
1	12/21/05	Issued for DOB
no.	date	revision

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project:

THE DEUCE
534 W42ND ST.
NEW YORK, NY

drawing title:

TYP. FOUNDATION
DETAILS

job #:

1681

drawn by:

ABC

checked by:

MH

issue date:

12/21/05

scale:

AS NOTED

drawing #:

S-7