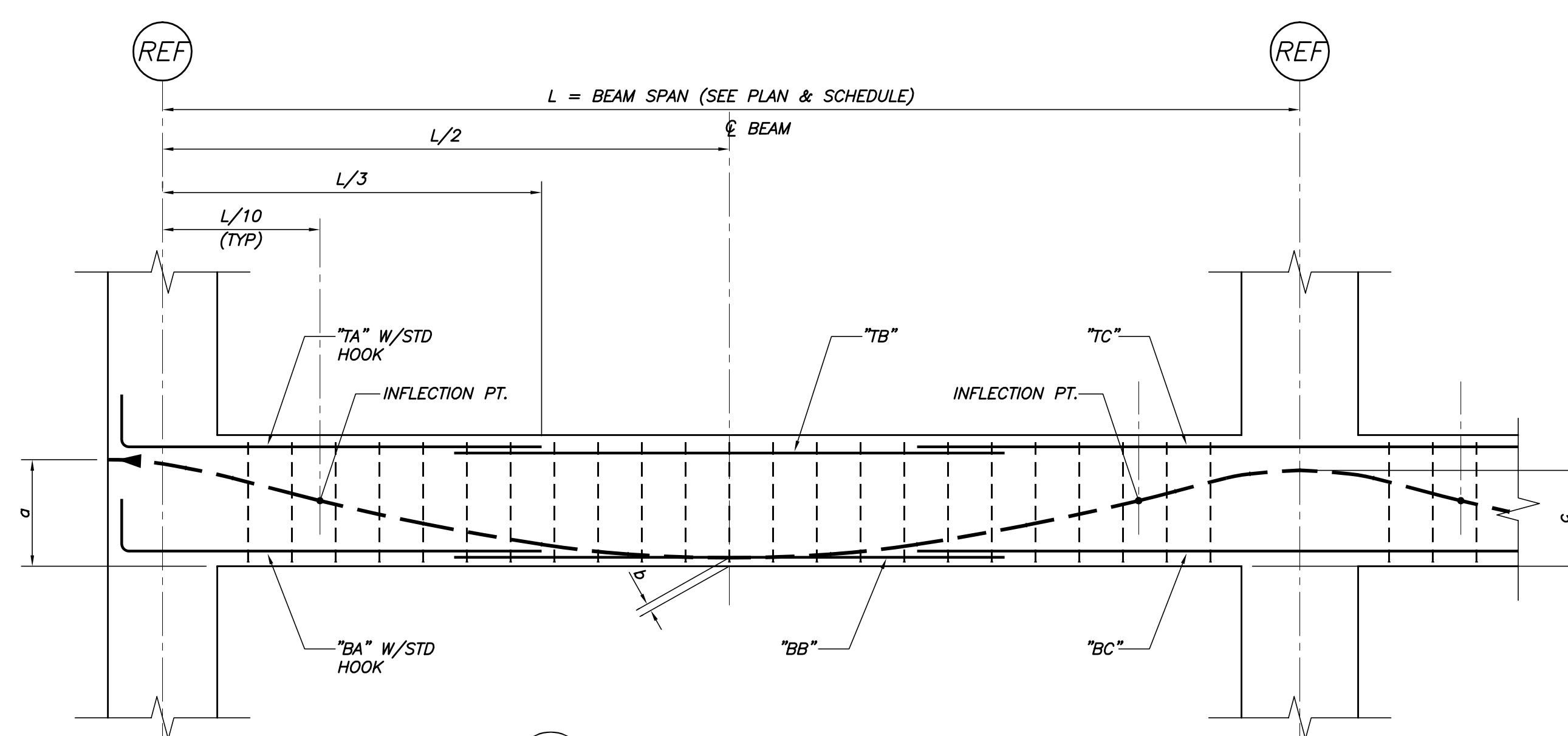


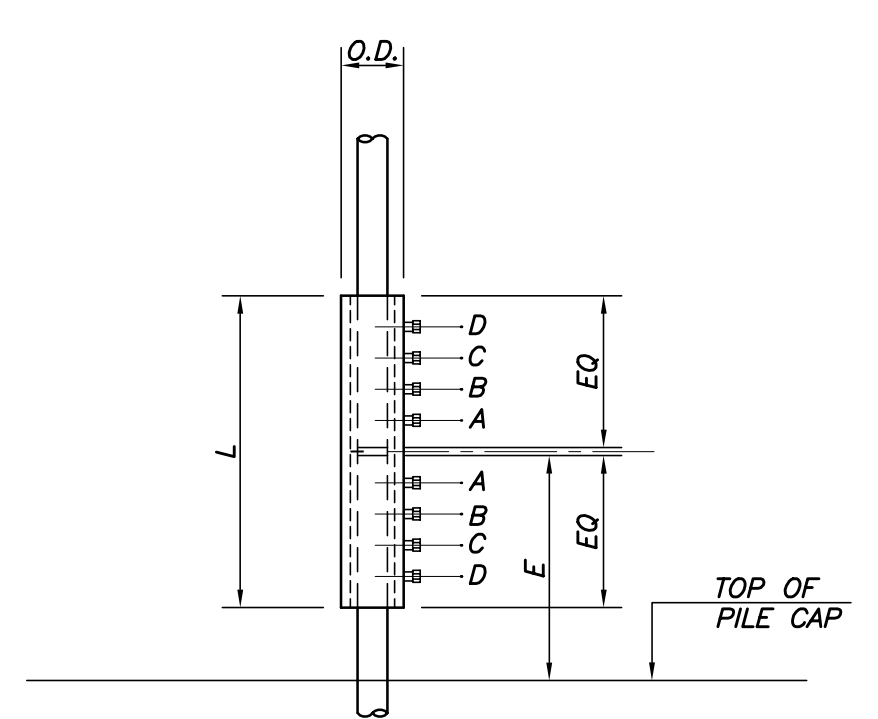
A P/T BEAM TYPE 1
N.T.S.



A P/T BEAM TYPE 2
N.T.S.

P/T Concrete Beam Schedule																
Plan Mark	W (in)	H (in)	Type	P/T (kips)	Tendon Location			Beam Reinforcing Top			Beam Reinforcing Bottom			Stirrups		
					a	b	c	A	B	C	A	B	C	Size	Sps (ft)	
B1	24	36	2	315	24.5	11.5	32	4#8	4#8	4#8	3#8	3#8	3#8	#4	1	23.5
B2	24	36	2	315	24.5	10.75	32	4#8	4#8	4#8	3#8	3#8	3#8	#4	1	23.5
B3	24	36	2	550	27.5	5	32	6#8	6#8	6#8	2#8	4#8	4#8	#4	1	23.5
B4	24	36	2	180	18	7	32	3#8	-	3#8	2#8	3#8	2#8	#4	1	23.5
B5	24	36	2	625	28	5	32	6#8	6#8	6#8	2#8	4#8	2#8	#4	1	23.5
B6	24	36	3	675	28	5	28	6#8	-	6#8	2#8	4#8	2#8	#4	1	23.5
B7	24	36	1	690	28	5	28	6#8	-	6#8	2#8	4#8	2#8	#4	1	23.5
B8	24	36	1	720	28	5	28	6#8	-	6#8	2#8	4#8	2#8	#4	1	23.5
B9	24	36	1	510	26	5	26	4#8	-	4#8	2#8	4#8	2#8	#4	1	23.5
B10	24	36	2	625	28	5	32	6#8	6#8	6#8	2#8	4#8	2#8	#4	1	23.5
B11	24	36	2	415	26.5	12.5	32	4#8	4#8	4#8	3#8	3#8	3#8	#4	1	23.5
B12	24	36	2	415	28	7.25	32	4#8	4#8	4#8	3#8	3#8	3#8	#4	1	23.5
B13	24	36	2	550	28	11.75	32	6#8	6#8	6#8	2#8	4#8	2#8	#4	1	23.5
B14	24	36	2	550	28	7.75	32	6#8	6#8	6#8	2#8	4#8	2#8	#4	1	23.5
B15	24	36	2	315	24.5	5	31	4#8	4#8	4#8	2#8	3#8	2#8	#4	1	23.5
B16	24	36	2	330	24.5	9.5	30	5#8	5#8	5#8	2#8	3#8	2#8	#4	1	23.5
B17	24	36	2	330	24.5	6.5	30	5#8	5#8	5#8	2#8	3#8	2#8	#4	1	23.5
B18	24	36	2	550	27.5	7.75	32	6#8	6#8	6#8	2#8	4#8	2#8	#4	1	23.5
B19	24	36	2	820	28.5	6	29.25	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B20	24	36	1	990	27.5	5	27.5	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B21	24	36	1	340	18	5	18	3#8	3#8	3#8	2#8	3#8	2#8	#4	1	23.5
B22	24	36	1	970	28	5	27	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B23	24	36	1	1035	28	5.5	27	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B24	24	36	2	800	28.5	7.25	29	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B25	24	36	2	800	28.5	5	29	8#8	8#8	8#8	2#8	4#8	2#8	#4	1	23.5
B26	24	36	2	600	27.5	12	32	7#8	7#8	7#8	2#8	4#8	2#8	#4	1	23.5
B27	24	36	2	600	27.5	8	32	7#8	7#8	7#8	2#8	4#8	2#8	#4	1	23.5
B28	24	36	2	330	24.5	9.5	32	5#8	5#8	5#8	2#8	3#8	2#8	#4	1	23.5

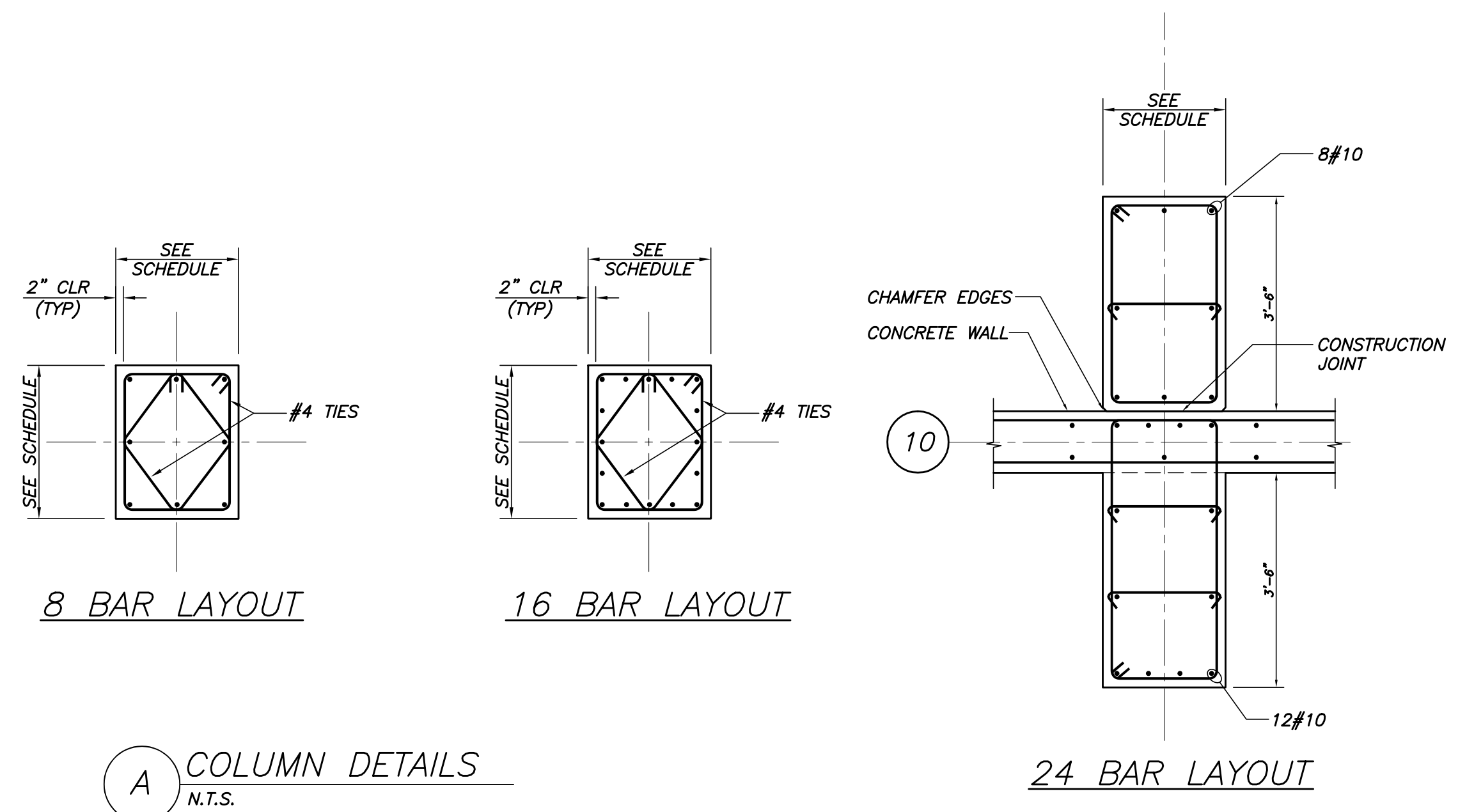
COLUMN REINFORCING SPLICE SCHEDULE									
BAR SIZE	LENTON LOCK	"L" (in)	"O.D." (in)	E	# OF BOLTS	SOCKET SIZE (in)	MAX REBAR SHEAR LIP DIAMETER (in)	TORQUE (ft-lbs)	
#8	LL28B1	11.3	2.4	(SEE NOTE 2)	10	5/8	1.32 (NOTE 5)	150	
#10	LL32B1	12.7	2.6	(SEE NOTE 2)	8	1 1/16	1.48 (NOTE 5)	500	



1. LENTON LOCK—MECHANICAL REBAR SPLICING SYSTEM BY ERICO (www.ericocom).
2. DEFINITIONS:
 - a. L — LENTON LOCK LENGTH
 - b. O.D. — LENTON LOCK OUTSIDE DIAMETER
 - c. E — BAR EXTENSION, ALTERNATE BAR EXTENSIONS AT 12" AND 24" AROUND PERIMETER OF COLUMN.
3. CONFORM TO ALL MANUFACTURER'S INSTRUCTIONS AND PROCEDURES FOR INSTALLING MECHANICAL SPLICE.
4. ENSURE REBAR IS FREE OF ANY EXCESSIVE DIRT, CONCRETE, SLURRY, RUST, ETC.
5. ENSURE REBAR LIP DOES NOT EXCEED LIMITS IN TABLE AS EXCESSIVE REBAR LIP INTERFERES WITH REBAR INSTALLATION.
6. INSTALL COUPLER OVER REBAR UNTIL CONTACT IS MADE WITH CENTER STOP PIN.
7. TIGHTEN BOLTS, BEGINNING IN CENTER OF COUPLER WORKING TO THE OUTSIDE (A TO D, SEE TYP DETAIL). A STANDARD IMPACT WRENCH MAY BE UTILIZED TO TIGHTEN BOLTS. IF BOLT HEAD DOES NOT SHEAR, THE INSTALLER SHOULD VERIFY AND DOCUMENT APPROPRIATE TORQUE WAS MET (REF SCHEDULE). IF BOLTS MEET TORQUE REQUIREMENTS, THE HEAD OF THE BOLTS CAN BE REMOVED.
8. IF DURING INSTALLATION THE BOLT STRIPS, STOP INSTALLATION IMMEDIATELY. REMOVE THE UN-SHEARED DAMAGED BOLT. CONTACT ERICO LENTON TECHNICAL SUPPORT.
9. INSTALL TOP REBAR AND REPEAT NOTES 7 AND 8.
10. UPON DELIVERY OF MATERIAL, SUBMIT MATERIAL CERTIFICATES AND TESTING DATA TO ENGINEER FOR INCLUSION IN SPECIAL INSPECTIONS REPORT.

CONCRETE COLUMN SCHEDULE							
COLUMN MARK	B-1	A.3-4	A.4-10	C-1	C-9	C-5	A.1-5
	D-1	D.8-4	D.7-10	C-2**	C-10	C-6	A-6
	A.7-2	D.9-5	A.7-11	C-3	C-11**	C-7	A-7
	D.3-2	E-6	D.3-11	C-4	C-12	C-8	A.1-8
	A.4-3	E-7	B-12				A.3-9
	D.7-3	D.9-8	D-12				
		D.8-9					
				24"x32"	24"x32"	SEE DETAIL	24"x30"

LEVEL	EL	REINFORCEMENT
LEVEL 7	EL	16#10
LEVEL 6	EL	16#10
LEVEL 5	EL	8#8
LEVEL 4	EL	20#10
LEVEL 3	EL	8#8
LEVEL 2	EL	16#10
LEVEL 1	EL	16#10



A COLUMN DETAILS
N.T.S.

NOT FOR CONSTRUCTION
FOR REFERENCE 1/7/08
THESE DWGS ARE NOT COMPLETE.
DESIGN IS STILL IN PROGRESS.
CONTRACTOR SHALL CARRY
APPROPRIATE CONTINGENCY.

CONSTRUCTION MANAGER
CONSGLI
84 Middle Street
Portland, Maine 04101
Phone 207.775.3038
Fax 207.775.3038

PARKING GARAGE ARCHITECT:
SSA
75 York Street
Portland, Maine 04101
Phone 207.774.4888
Fax 207.493.4858

PARKING GARAGE STRUCTURAL ENGINEER:
BECKER
75 York Street
Portland, Maine 04101
Phone 207.493.4838
Fax 207.493.1822

SPECIAL ENGINEER:
ERICO LENTON
40 Haines Drive
Portland, Maine 04102
Phone 888.662.4232
Fax 207.774.4625

84 Middle Street
Portland, Maine 04101
Phone 207.775.3038
Fax 207.775.3038

HARRIMAN
Architects + Engineers
Auburn Business Park
86 Harriman Drive
Auburn, Maine 04210
207.784.5100 tel
207.782.3817 fax

133 Middle Street
Portland, Maine 04101
207.775.0463 tel
207.775.0460 fax

www.harriman.com
© 2008

Project Title
BAYCO LLC
BAYSIDE
DEVELOPMENT
PORTLAND, MAINE
PARKING GARAGE

Project No. 2008-0040

Key Plan
Future Building, Parking Garage, Office Building

General Notes or Legends Here

Issue Date	Date	Description
1-7-08		100% SITE ENABLING PACKAGE
12-19-08		50% CONSTRUCTION DOCUMENTS
11-26-08		100% DESIGN DEVELOPMENT
10-29-08		50% DESIGN DEVELOPMENT

Issue Date	Date	Description
1-7-08		100% SITE ENABLING PACKAGE
12-19-08		50% CONSTRUCTION DOCUMENTS
11-26-08		100% DESIGN DEVELOPMENT
10-29-08		50% DESIGN DEVELOPMENT

Drawing Status
100% SITE ENABLING PACKAGE

Drawing Title
BEAM SCHEDULE,
COLUMN SCHEDULE,
SECTIONS & DETAILS

PA: PE: NJJM Drawn By: APP

Drawing Number
GS30.1