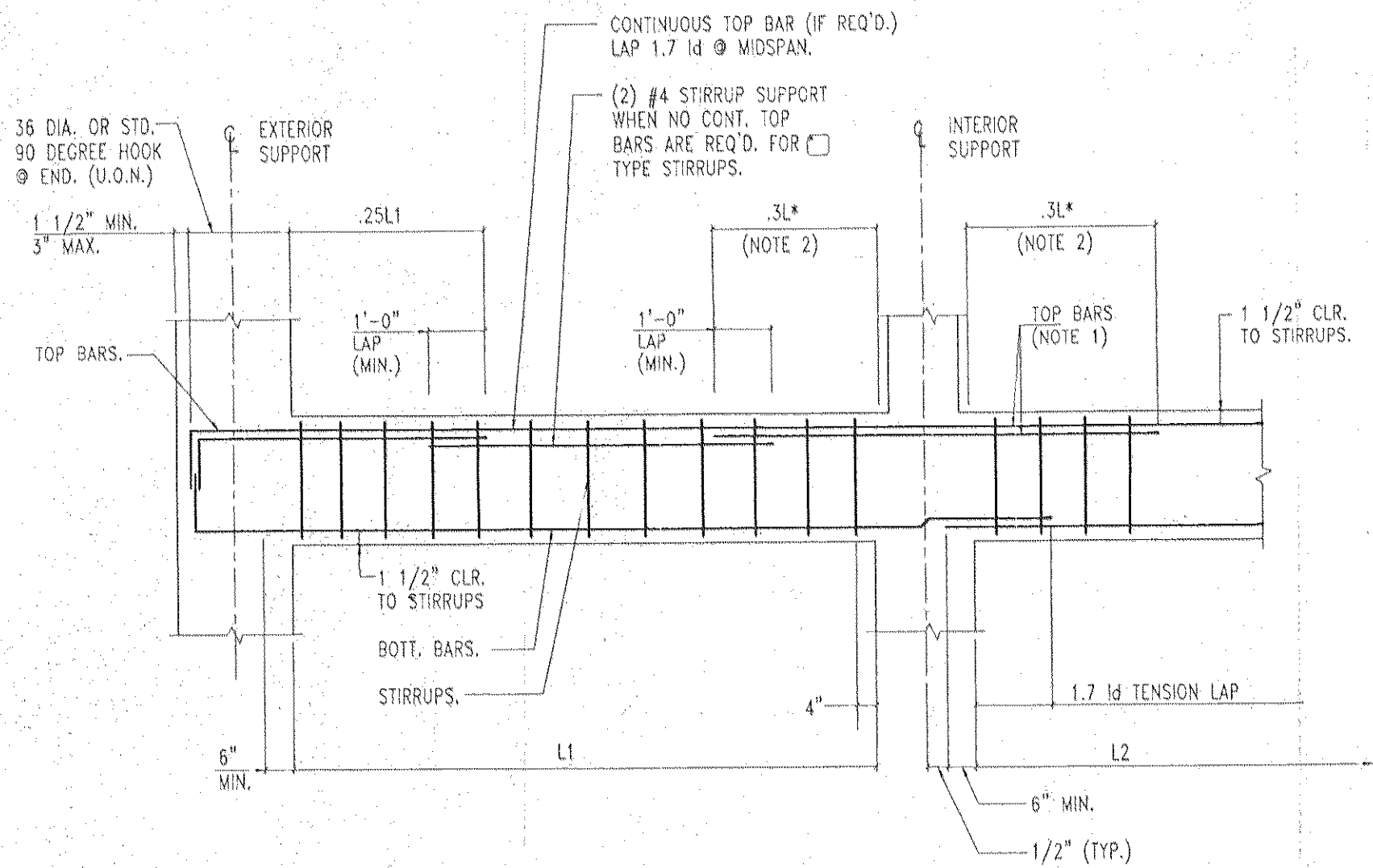


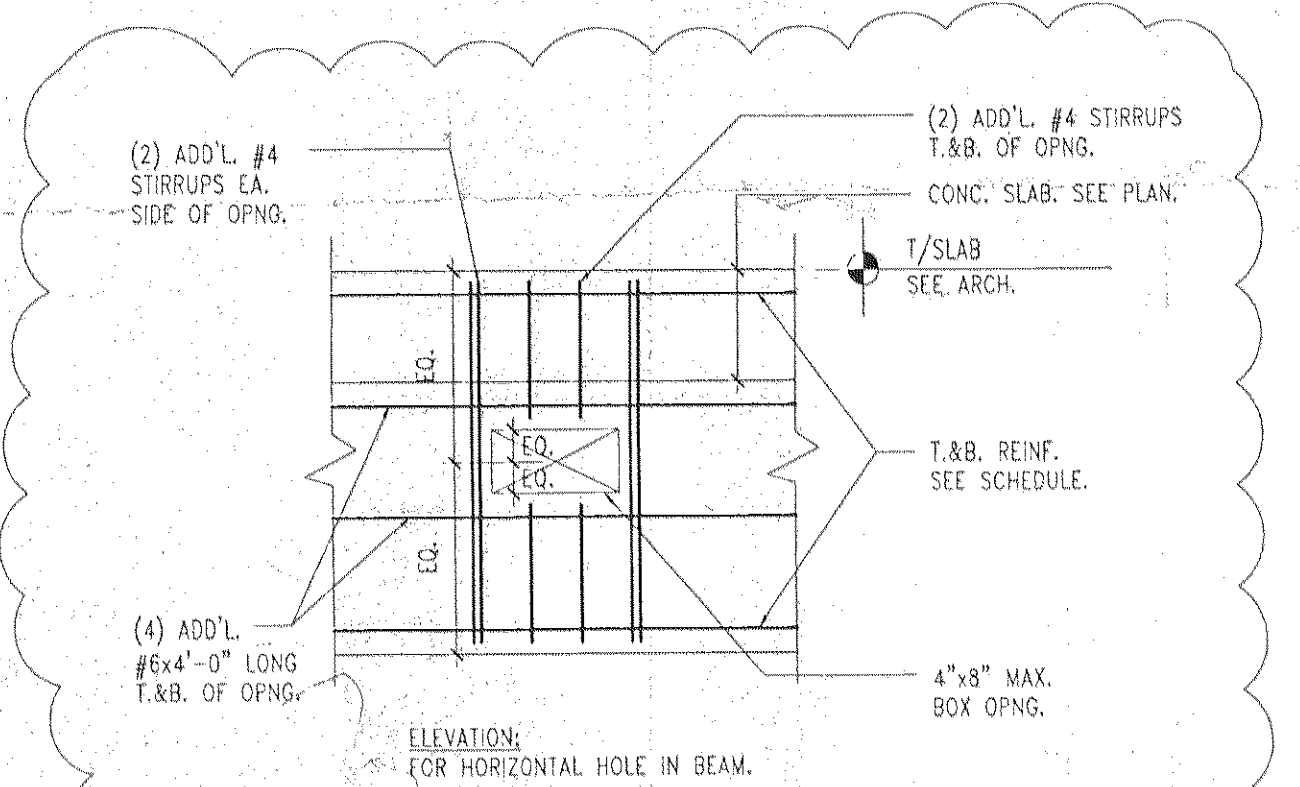


1 TYP. BEAM DETAIL

SCALE: N.T.S.

NOTES:

1. PROVIDE LARGER AREA OF TOP STEEL NOTED FOR THE BEAMS AT EITHER SIDE OF THE INTERIOR SUPPORT.
2. L* IS GREATER OF L1 OR L2.
3. SEE TYP. DET. 6/S-6 FOR ADD'L INFO.

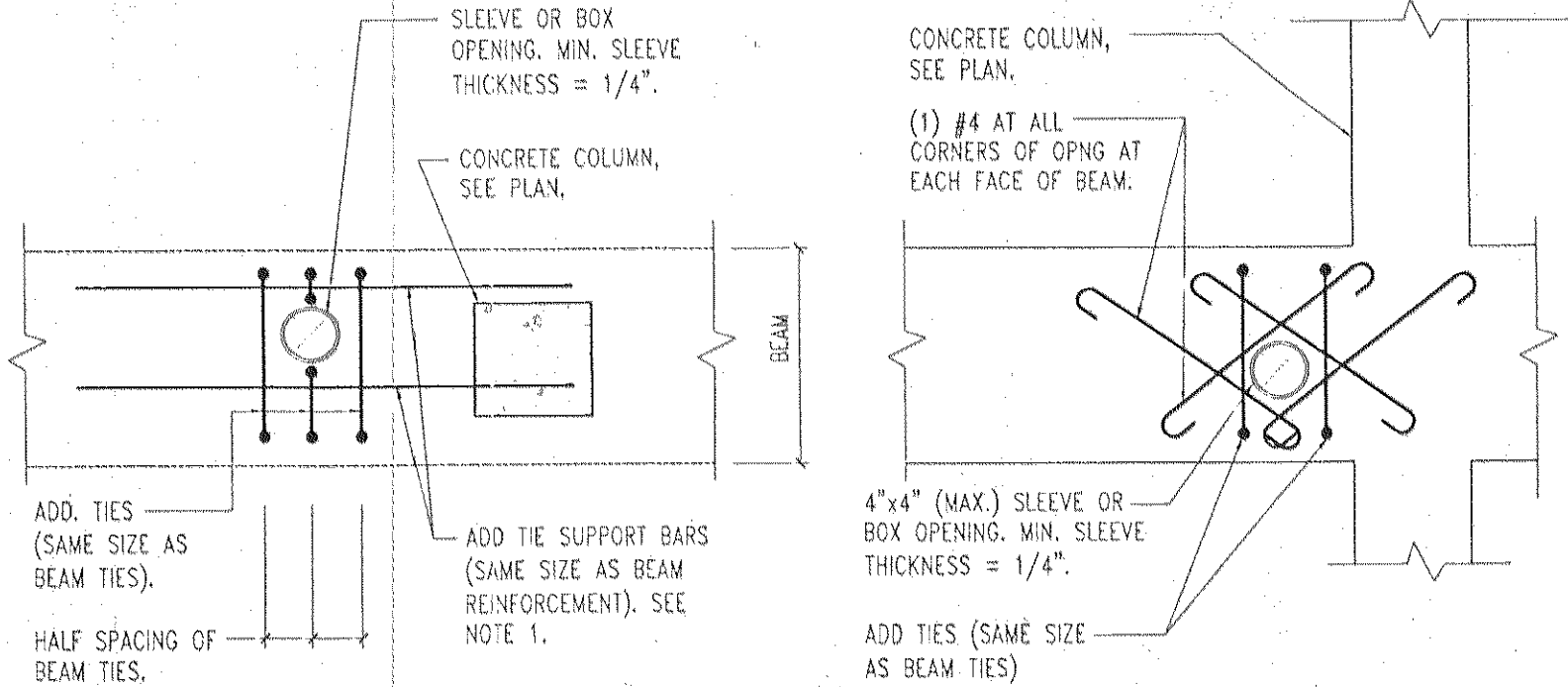


4 DETAIL @ OPNG. IN BEAM TB5 & RB5

SCALE: N.T.S.

NOTES:

1. DETAIL ABOVE TO BE USED WITHIN MIDDLE 1/3 OF BEAM ONLY.



PLAN

(FOR VERT. HOLE IN BEAM)

ELEVATION:

(FOR HORIZONTAL HOLE IN BEAM)

2 TYP. DETAIL OF OPNGS IN CONCRETE BEAMS

SCALE: N.T.S.

NOTES:

1. TIE SUPPORT BARS ARE NOT REQUIRED WHEN SLEEVE DIA. IS LESS THAN 1/4 BEAM WIDTH AND IS NOT LARGER THAN 6" OR WHEN BEAM REINF. CAN PROVIDE SUPPORT FOR TIES EA. SIDE OF SLEEVE. EXTEND SUPPORT BARS 48" EACH SIDE OF SLEEVE.

BEAM SCHEDULE							REMARKS
MARK	SIZE (IN)		BOTTOM BARS	TOP BARS	STIRRUPS		
	WIDTH	DEPTH			SIZE & TYPE	SPACING EACH END	
TB1	7	12	2#6	2#6 CONT.	#3 □	@ 5" O.C.	STAR OVERER BEAM
TB2	12	30	3#6	3#6 CONT.	#4 □	@ 12" O.C.	CONC. CONT. SIDE BARS EA. FACE.
TB3	12	30	3#6	3#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
TB4	12	30	3#6	3#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
TB5	21	24	4#7	4#7 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB1	21	24	4#7	4#7 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB2	10	12	2#6	2#6 CONT.	#4 □	@ 5" O.C.	
RB1	18	24	3#8	3#8 CONT.	#4 □	@ 7" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB1	12	30	3#9	3#9 CONT.	#5 □	@ 6" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB2	12	30	3#6	3#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB1	12	30	3#7	3#7 CONT.	#4 □	@ 6" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB2	12	30	3#6	3#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB1	12	30	4#6	4#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB2	12	30	4#6	4#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB3	12	30	4#6	4#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB4	12	30	4#6	4#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB5	21	30	5#6	5#6 CONT.	#4 □	@ 9" O.C.	CONC. CONT. SIDE BARS EA. FACE.
RB6	12	24	3#6	3#6 CONT.	#4 □	@ 8" O.C.	

3 BEAM SCHEDULE

SCALE: N.T.S.

NOTES:

1. FOR ADDITIONAL REINFORCING, SEE PLAN.
2. REFER TO DWG. S-13 FOR BEAM DETAILS.
3. FOR ROOF BEAMS, RB1 TO RB4, SEE SECT. 4/S-13 FOR BEAM DETAILS.

no.	date	revision
5	2/13/07	Revision 2
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

HAGE ENGINEERING PC
STRUCTURAL CONSULTANTS
65 Bleecker Street, 11th Floor
New York, New York 10012
tel: 212.358.7778
fax: 212.358.7772

project:

THE DEUCE
534 W42ND ST.
NEW YORK, NY

drawing title:

TYP. DETAILS &
BEAM SCHEDULE

job #:

1681

drawn by:

ABC

checked by:

MH

issue date:

12/21/05

scale:

AS NOTED

drawing #:

S-10