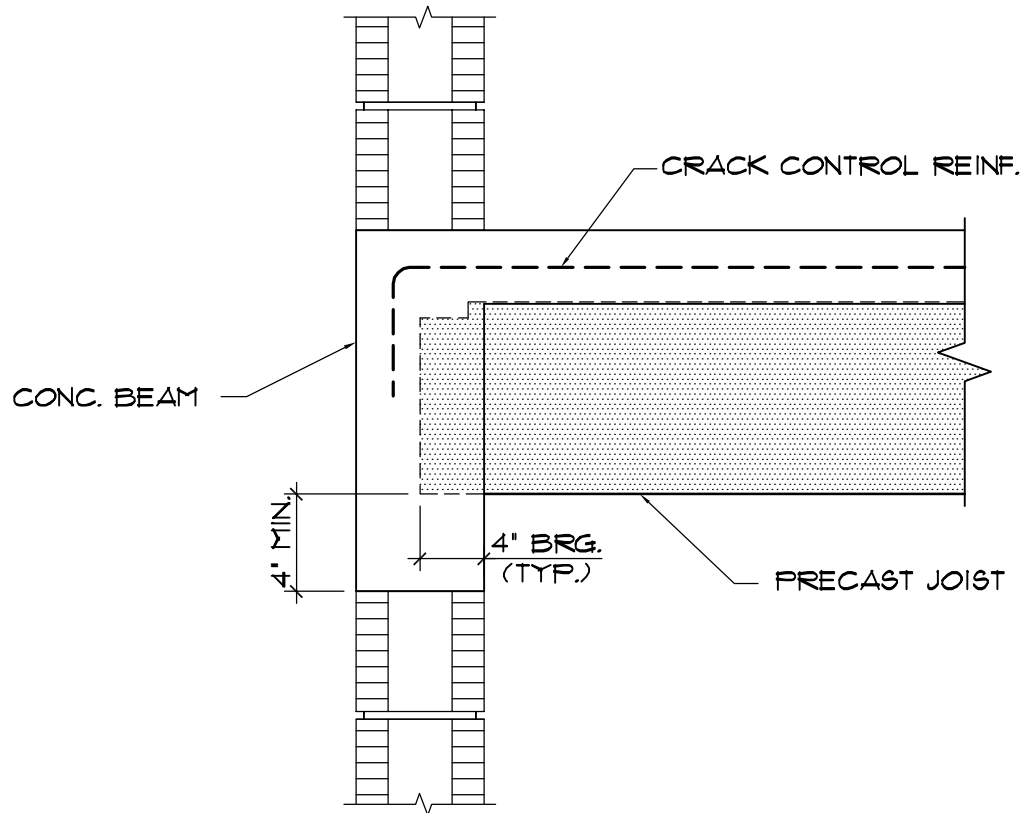




DETAIL ①
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

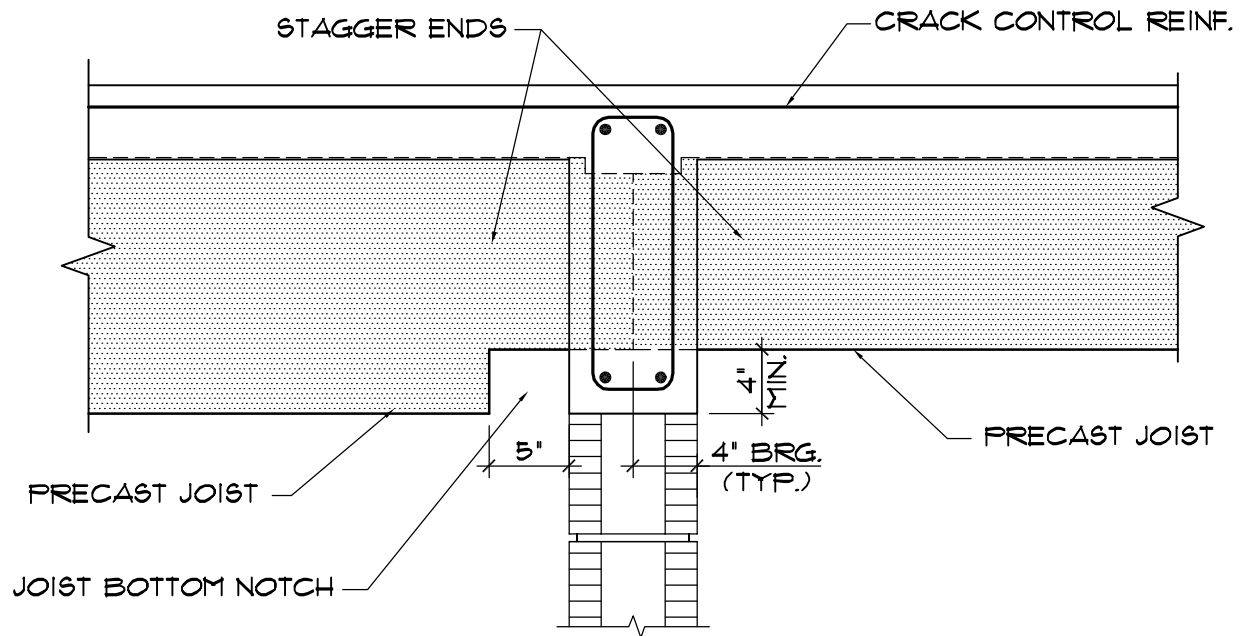
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

1



DETAIL ②
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

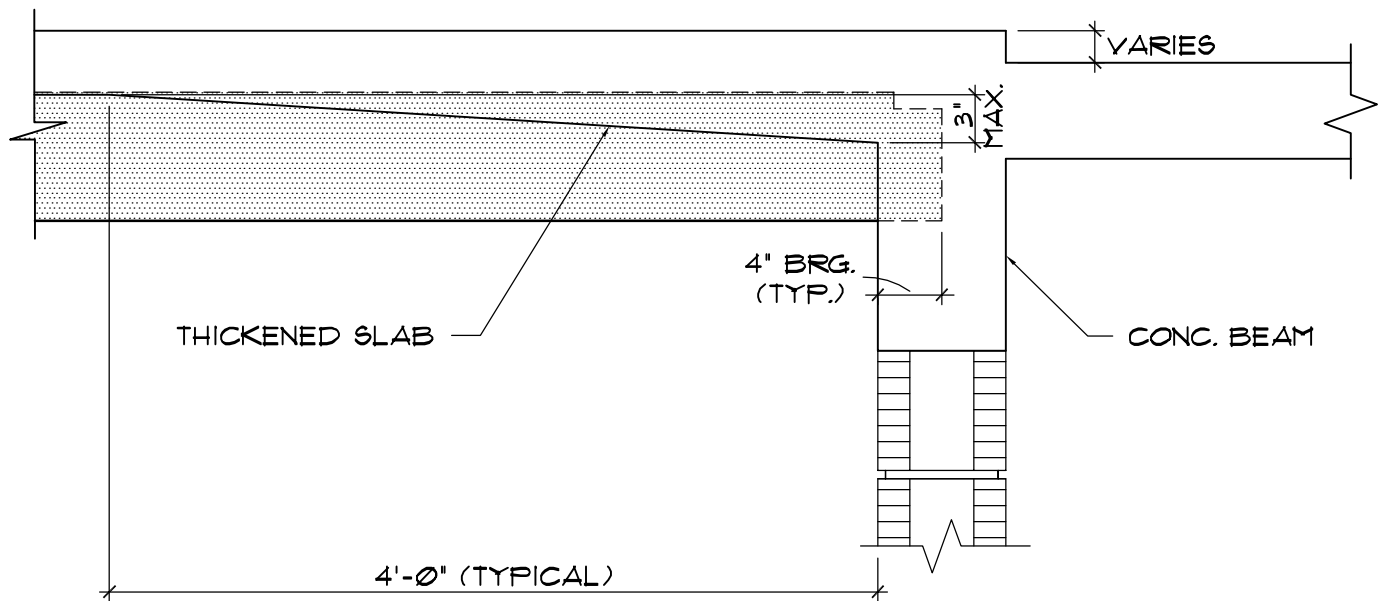
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

2



DETAIL (3)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

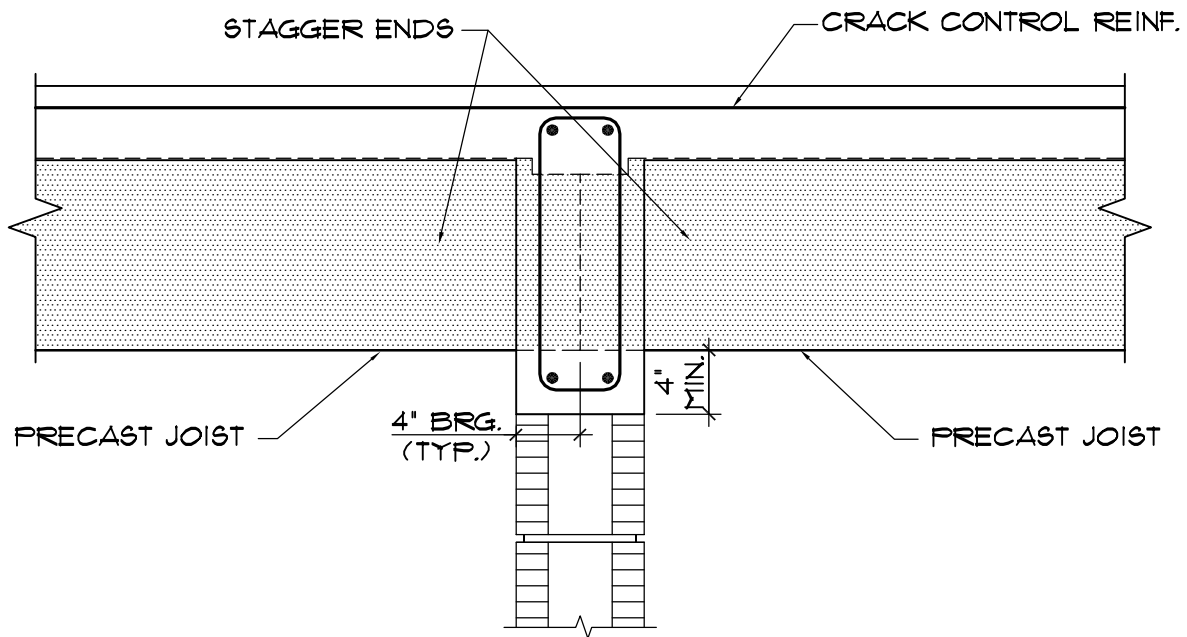
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

3



DETAIL

4

SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

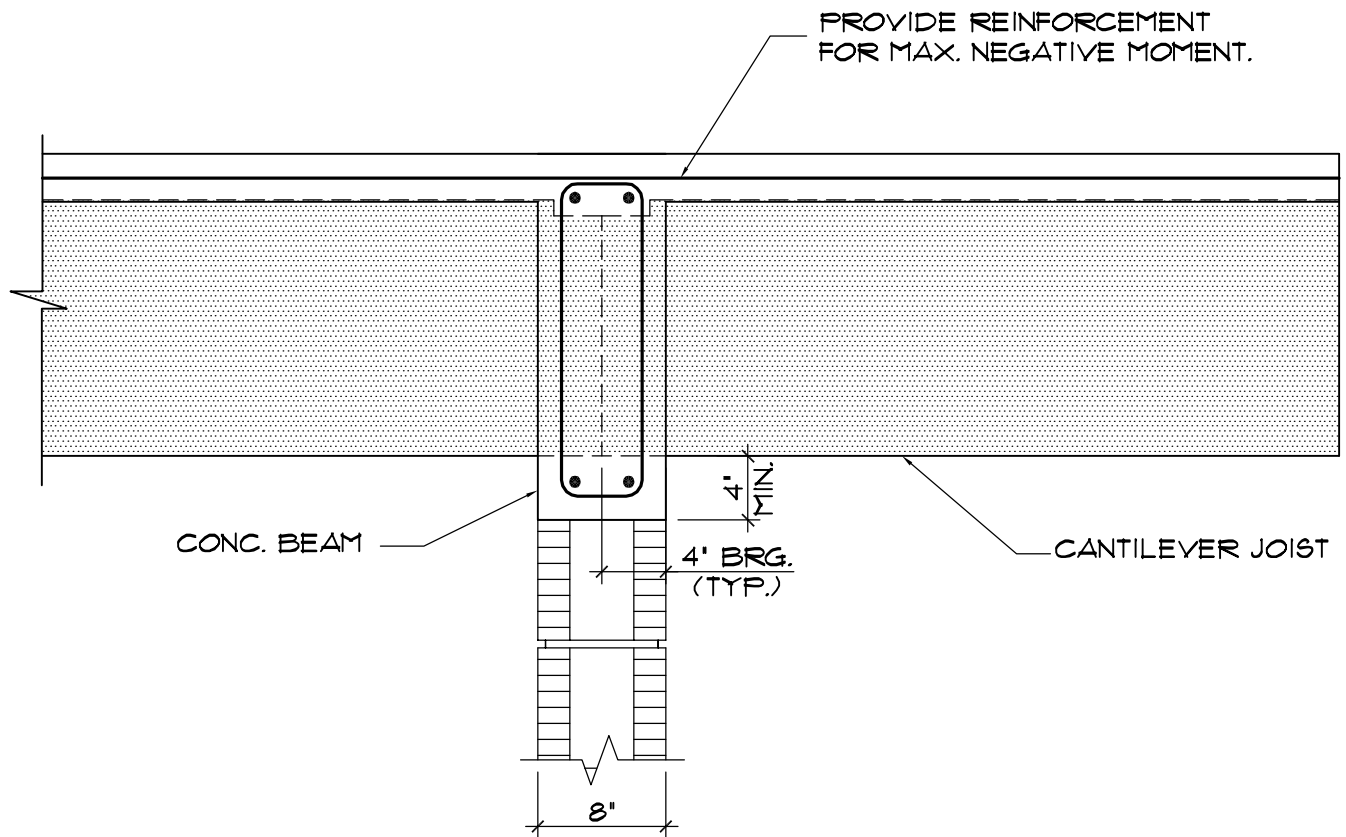
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

4



DETAIL ⑤
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

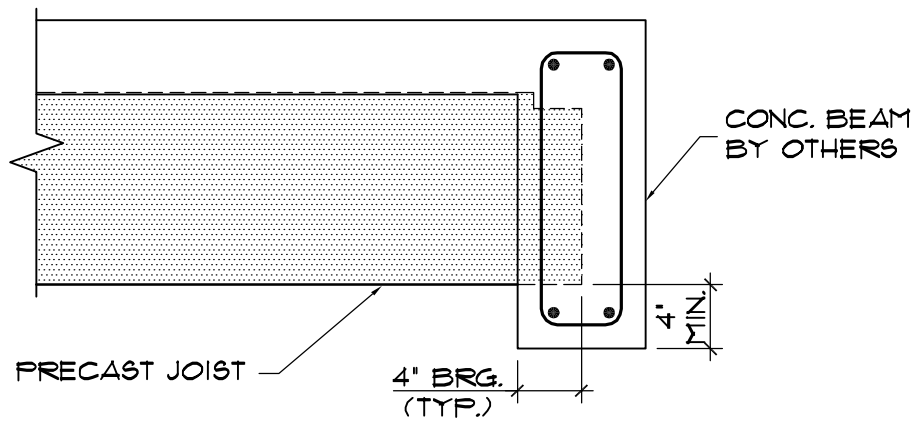
JOB NO.
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

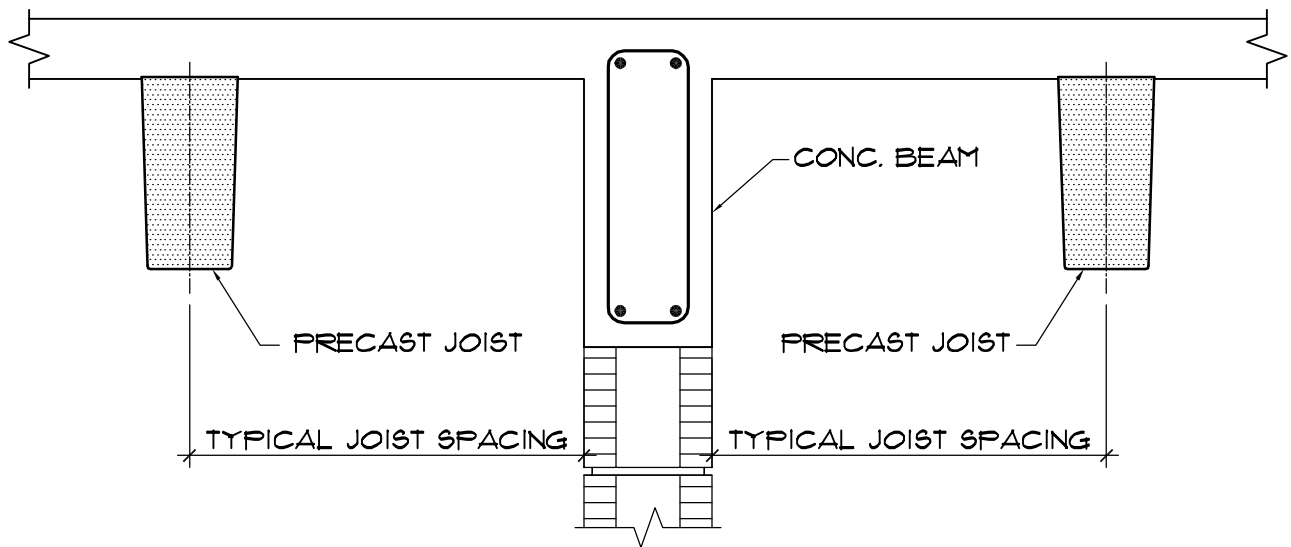
SHT. NO.

5



DETAIL 6
SCALE 1" = 1'-0"

			 STRUCTURAL PRESTRESSED INDUSTRIES, INC.	DRWG. BY: H. PEREZ	CHK'D. BY: R. H.
				DATE: 06-26-09	DATE: 06-26-09
				JOB NO.	SHT. NO.
NO	REVISIONS	DATE		STANDARDS	6



DETAIL 7
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

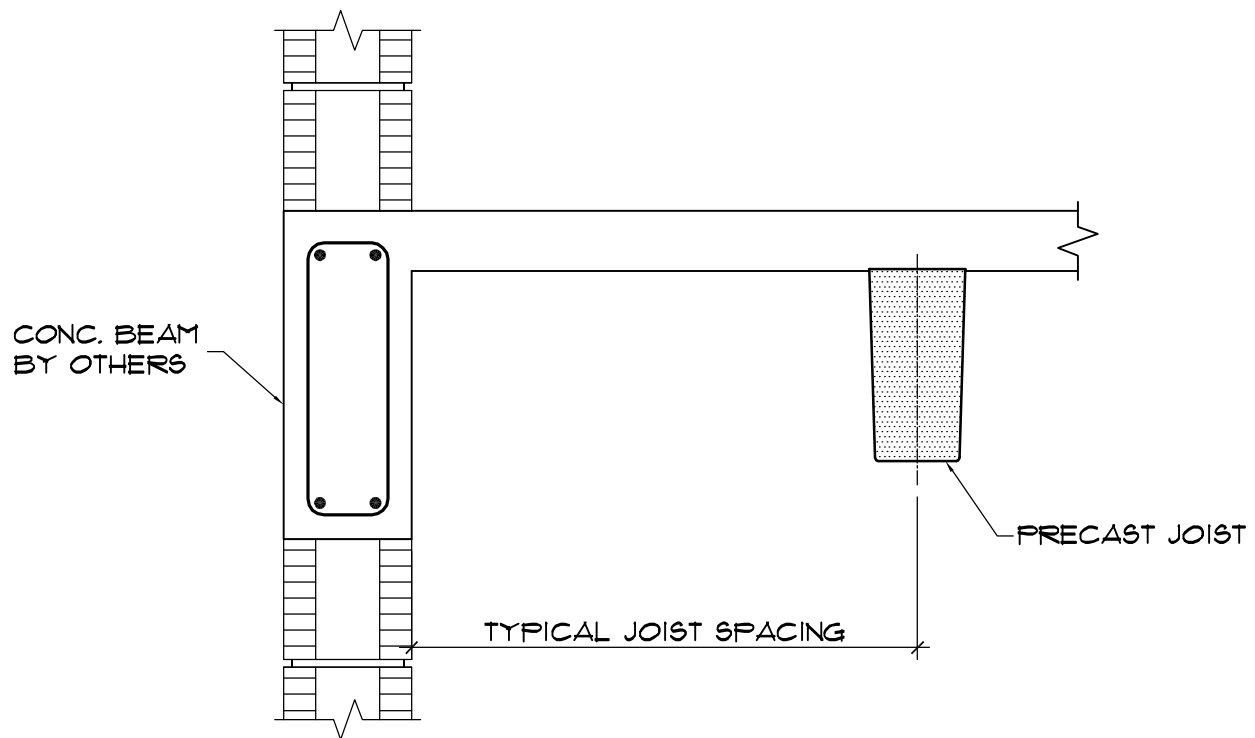
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

7



DETAIL (8)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DATE: 06-26-09

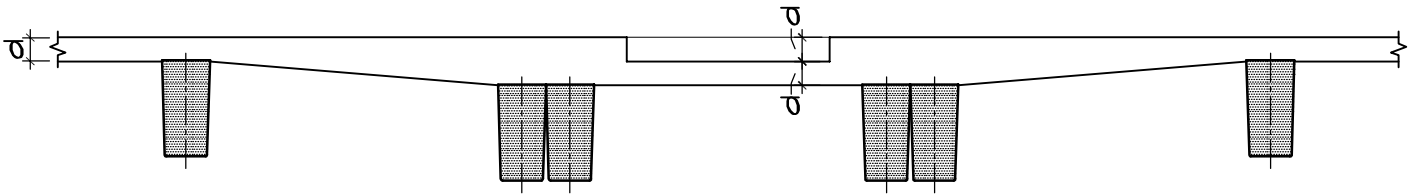
JOB NO.
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

SHT. NO.

8



DETAIL

SCALE 1/2" = 1'-0"

9

RECESS CAN NOT EXTEND ACROSS
SUPPORT BEAM USE THICKENED SLAB
OR JOIST BUILD-UP.

NO	REVISIONS	DATE



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DATE: 06-26-09

JOB NO.

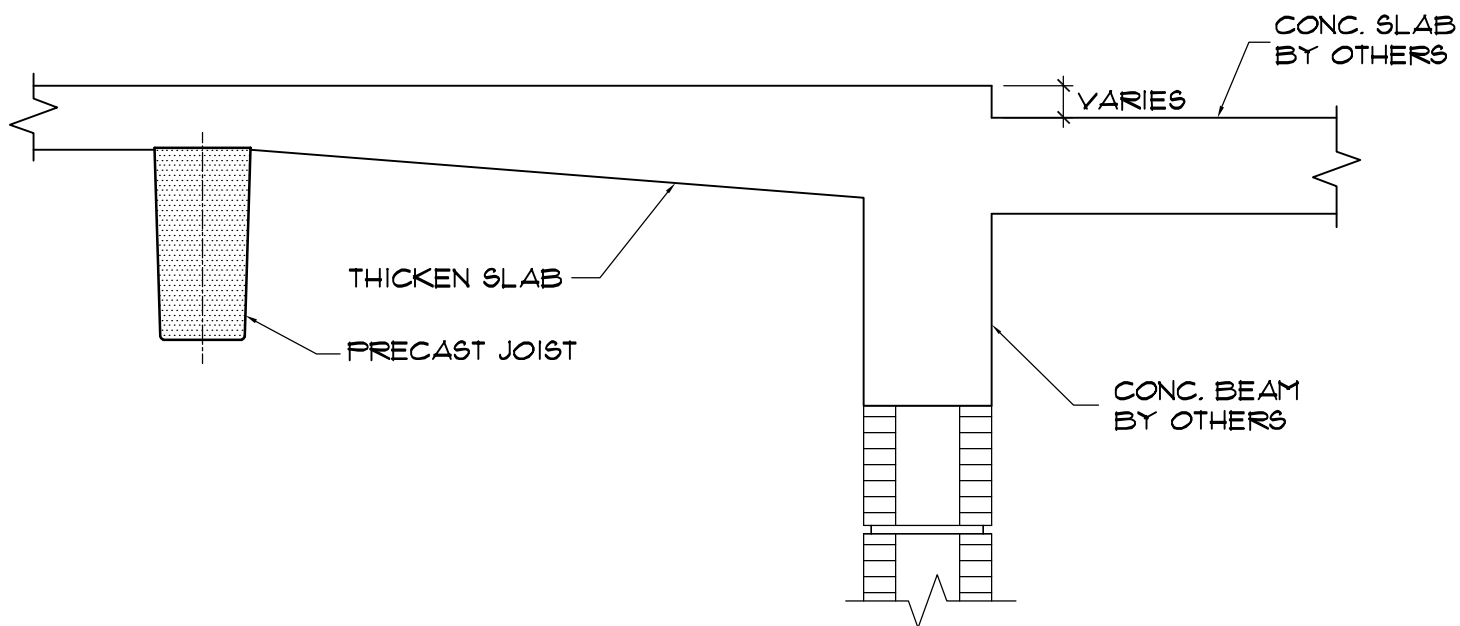
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

9



DETAIL 10
 SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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 INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

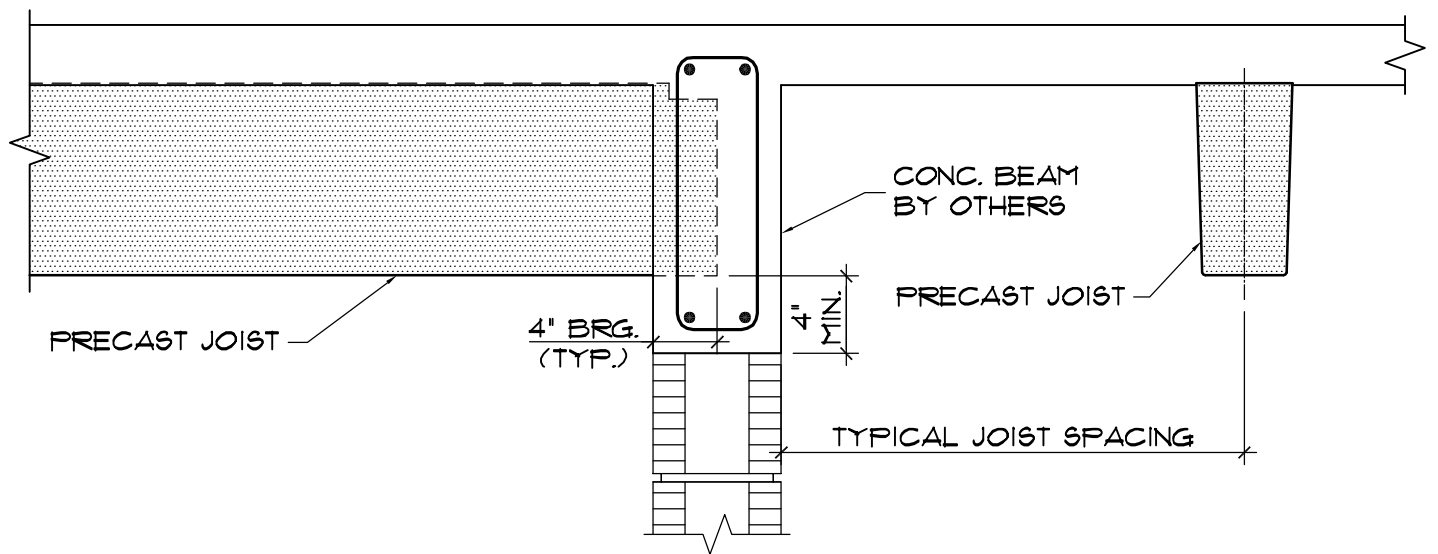
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

10



DETAIL

SCALE 1" = 1'-0"

11

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DATE: 06-26-09

JOB NO.

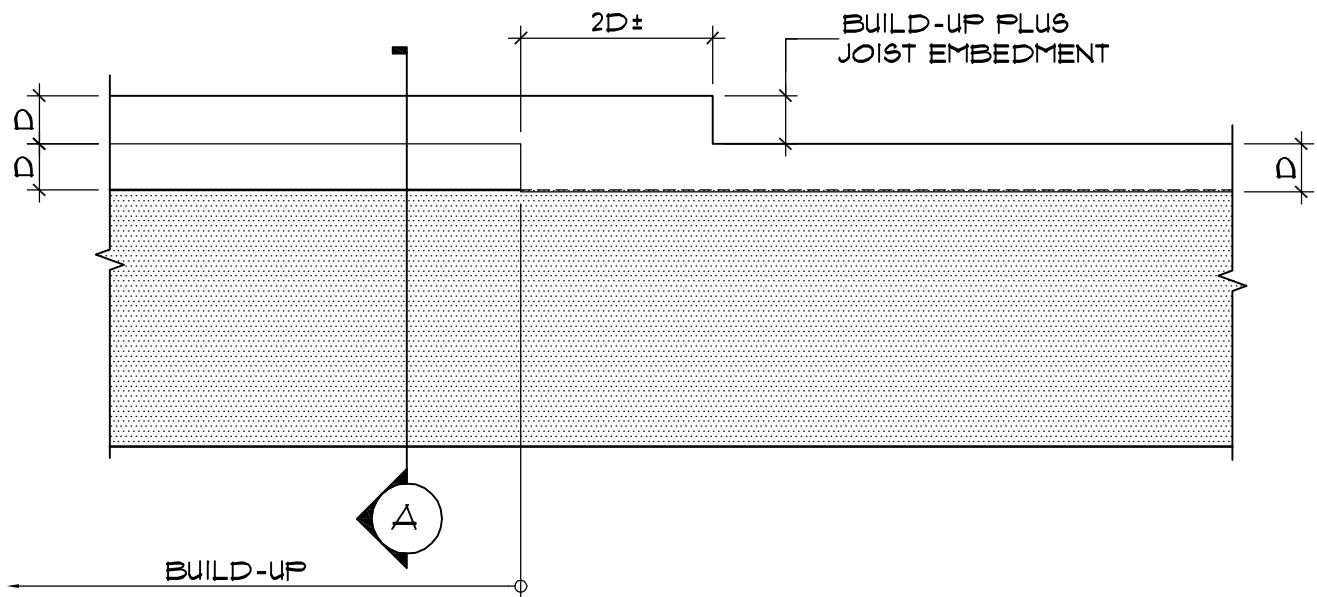
STANDARDS

CHK'D. BY: R. H.

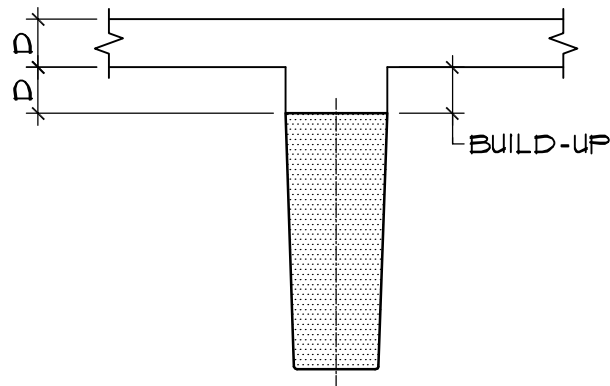
DATE: 06-26-09

SHT. NO.

11



DETAIL 12
SCALE 1" = 1'-0"



SECTION A
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DATE: 06-26-09

JOB NO.

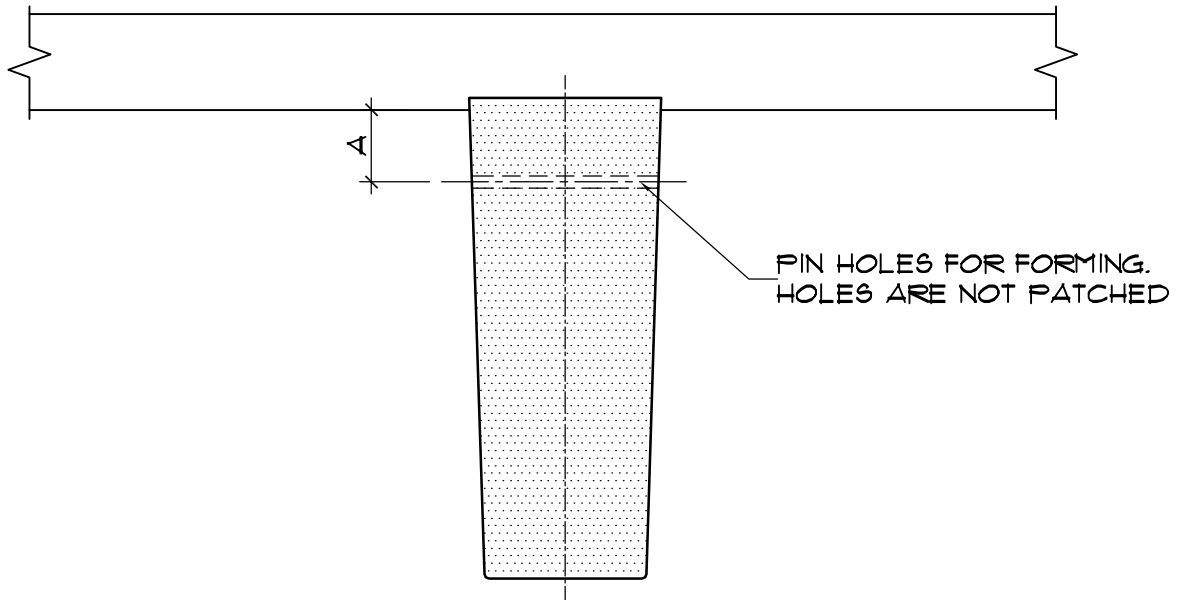
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

SHT. NO.

12



DETAIL (13)
NTS

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

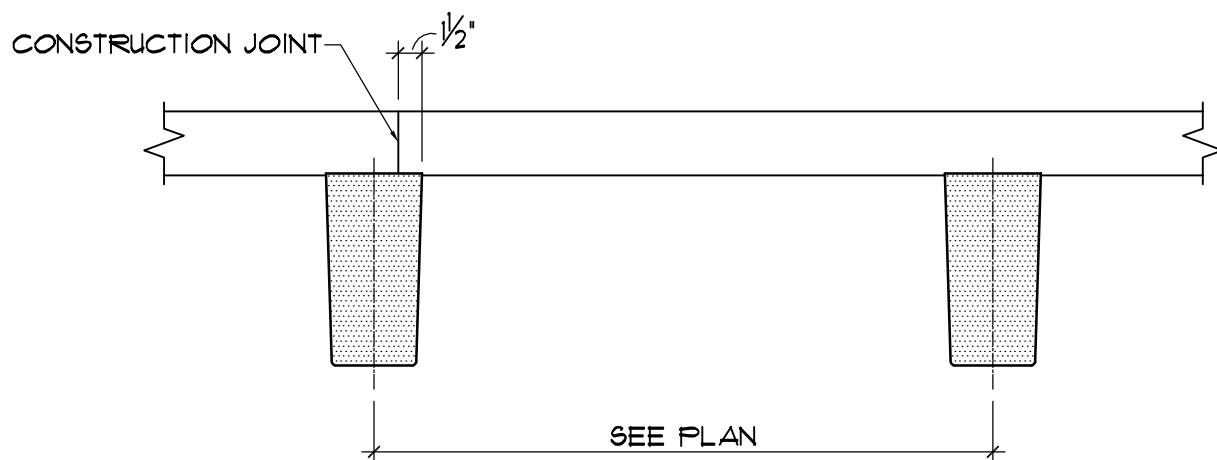
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

13



DETAIL 14
 SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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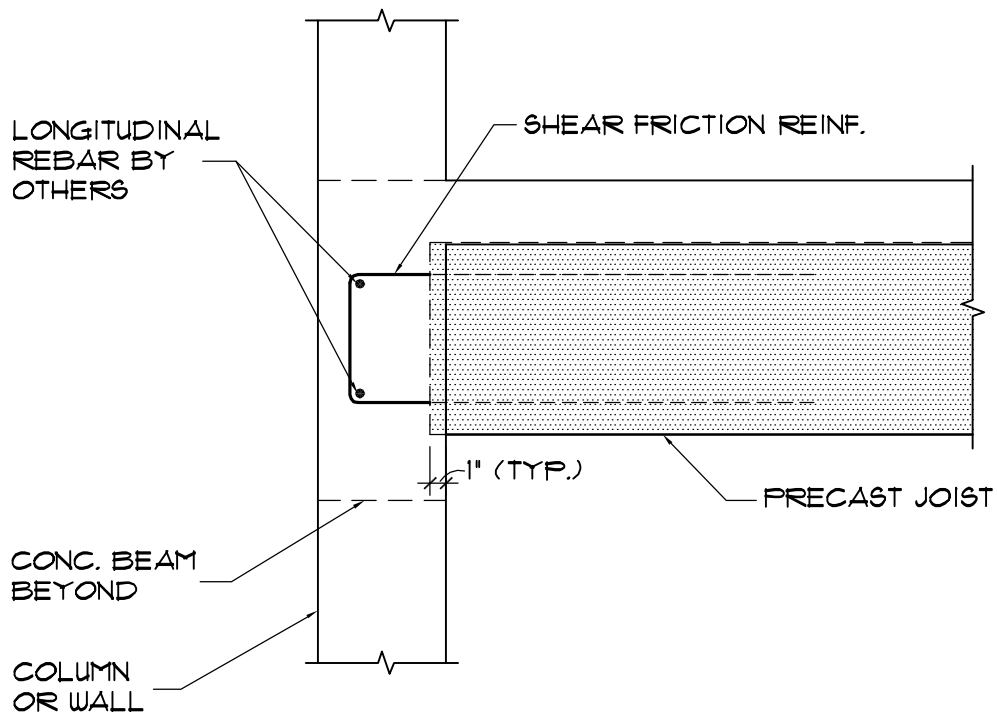
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

14



DETAIL 15
SCALE 1" = 1'-0"

SHEAR FRICTION CONNECTION.
CONNECTION USED WHEN FULL
JOIST BEARING CONFLICTS
WITH VERT. REINF.

NO	REVISIONS	DATE

SPI

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DRWG. BY: H. PEREZ

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JOB NO.

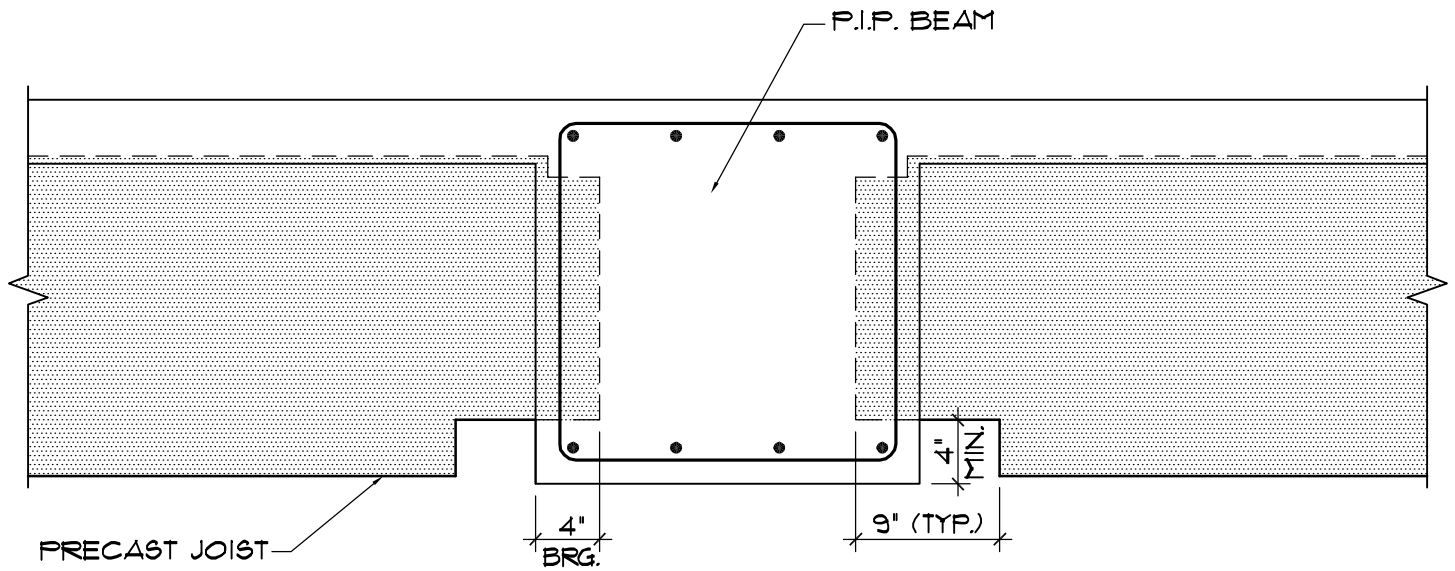
STANDARDS

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DATE: 06-26-09

SHT. NO.

15



DETAIL 16
SCALE 1" = 1'-0"

NO	REVISIONS	DATE

SPI

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INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

STANDARDS

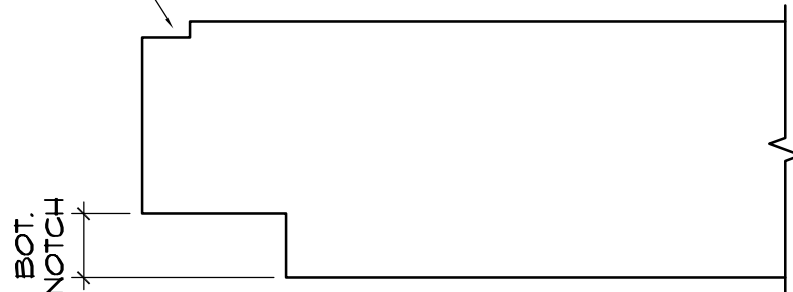
CHK'D. BY: R.H.

DATE: 06-26-09

SHT. NO.

16

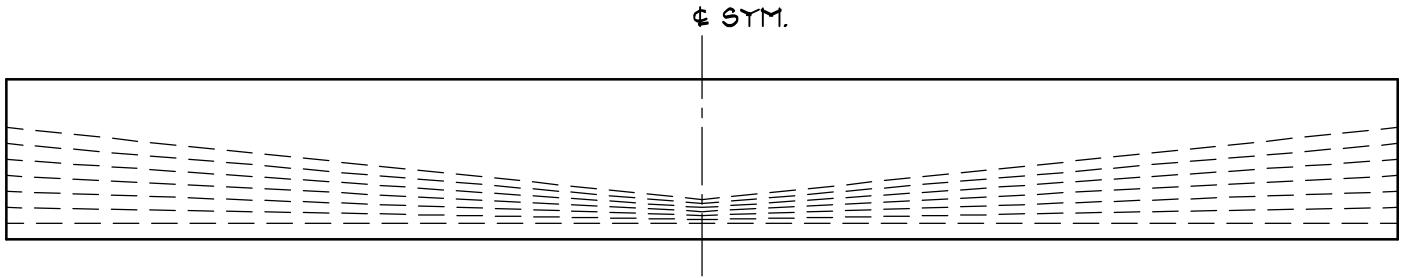
TOP NOTCH IF REQ'D
TO CLEAR BEAM
REINFORCING.



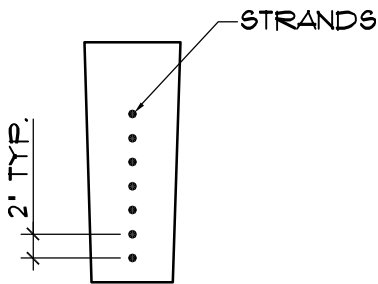
<u>JOIST SIZE</u>	<u>MAX. BOTTOM NOTCH</u>
8"	1 ³ / ₄ "
12"	3 ³ / ₄ "
16"	6 ¹ / ₂ "
20"	8 ¹ / ₂ "
24"	9 ¹ / ₂ "
28"	10 ¹ / ₂ "

SHALLOW DAPS (LESS THAN Ø 2 H)
DAP REINFORCING NOT REQUIRED.
AS PER P.C.I.

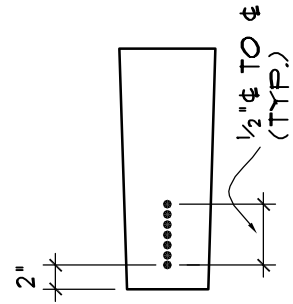
			 STRUCTURAL PRESTRESSED INDUSTRIES, INC.	DRWG. BY: H. PEREZ	CHK'D. BY: R.H.
				DATE: 06-26-09	DATE: 06-26-09
				JOB NO.	SHT. NO.
NO	REVISIONS	DATE		STANDARDS	17



HARPED STRAND PATTERN
SCALE $\frac{1}{2}" = 1'-0"$



END PATTERN
SCALE $\frac{3}{4}" = 1'-0"$



MID SPAN
SCALE $\frac{3}{4}" = 1'-0"$

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

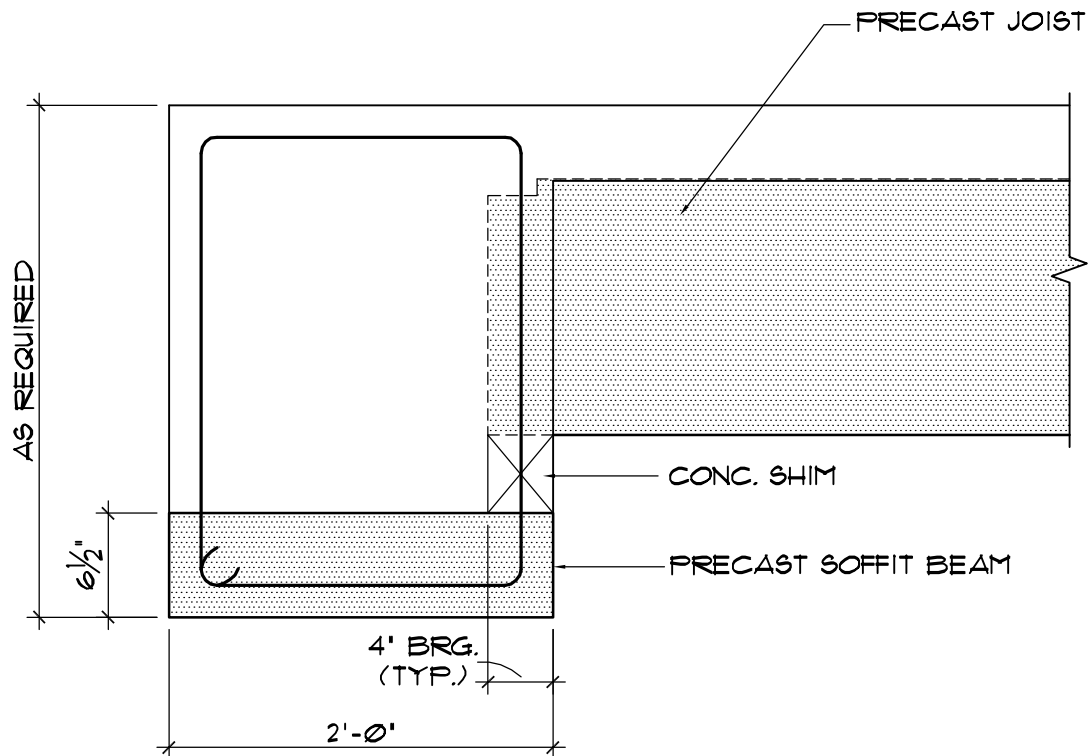
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

18



DETAIL 19
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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DATE: 06-26-09

JOB NO.

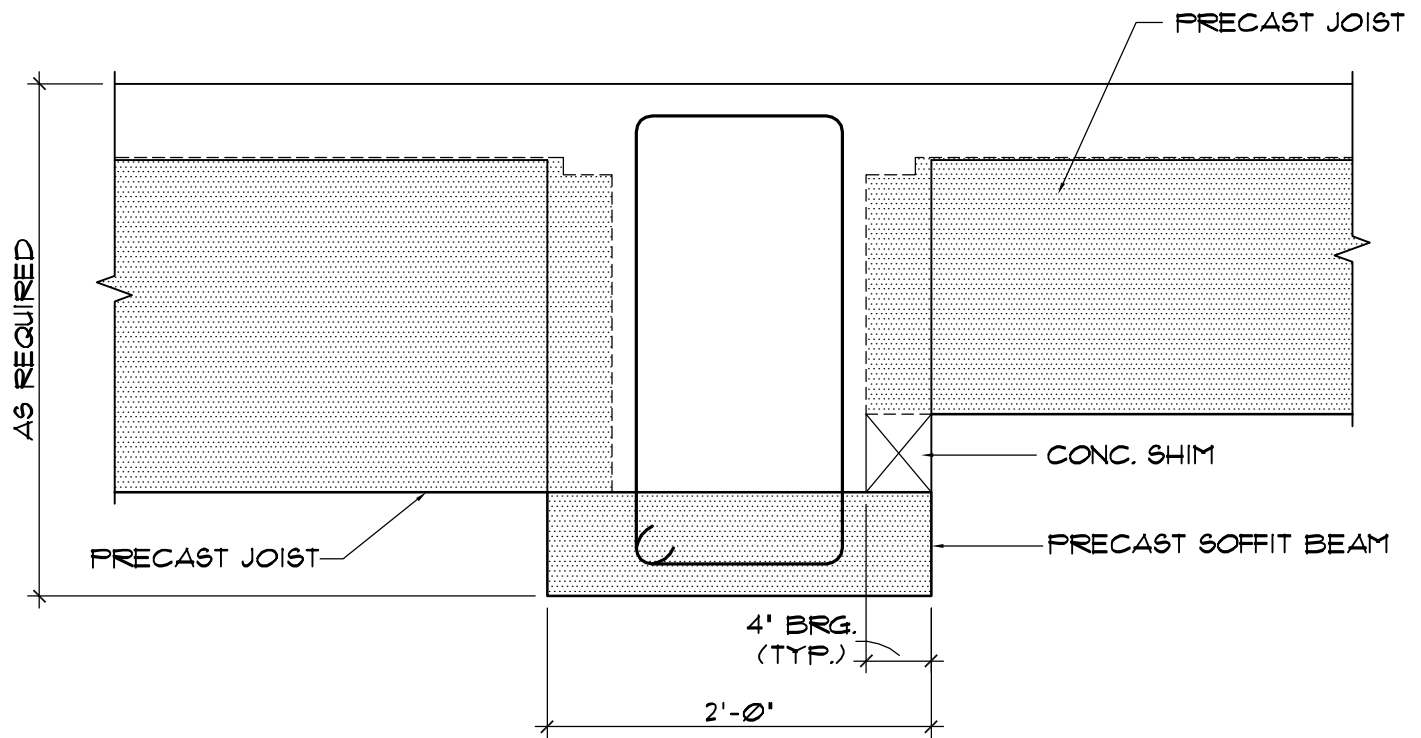
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

19



DETAIL 20
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
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INDUSTRIES,
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JOB NO.

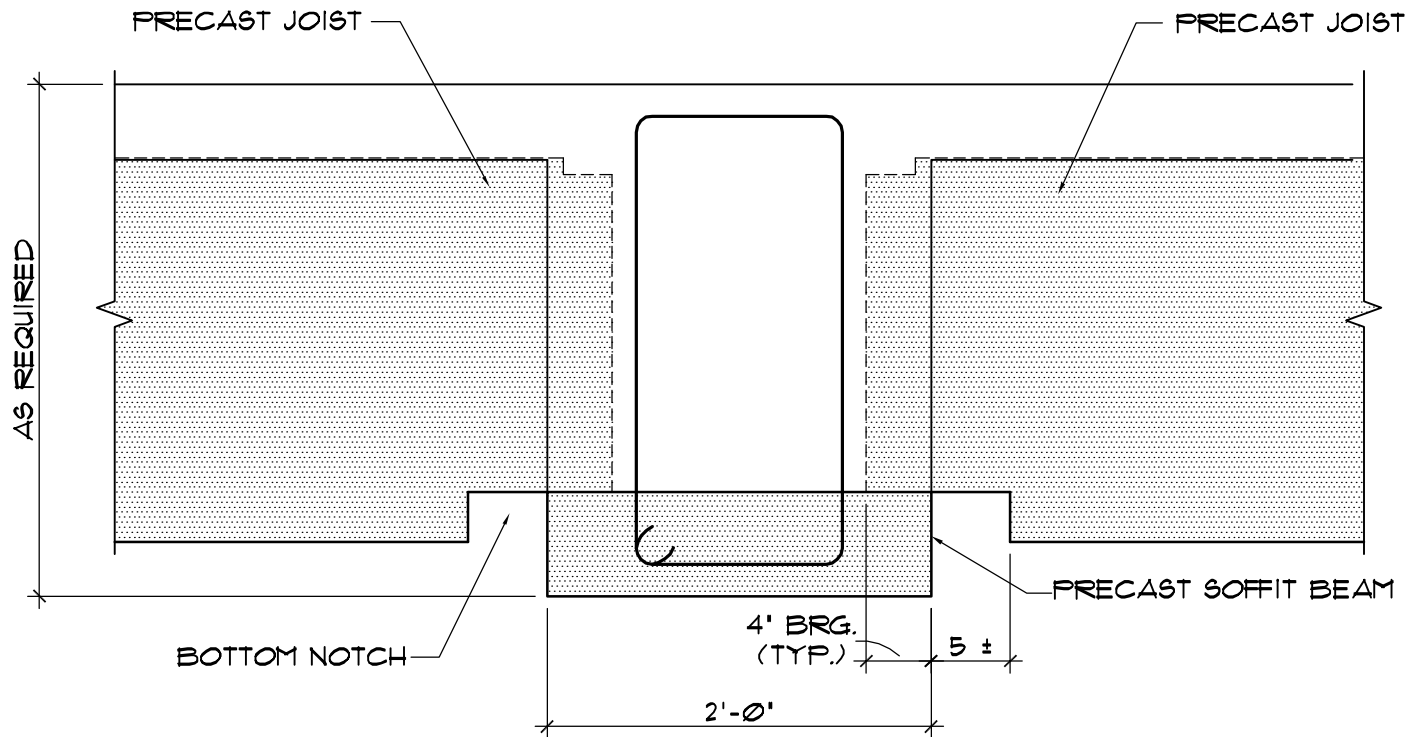
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

20



DETAIL (21)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

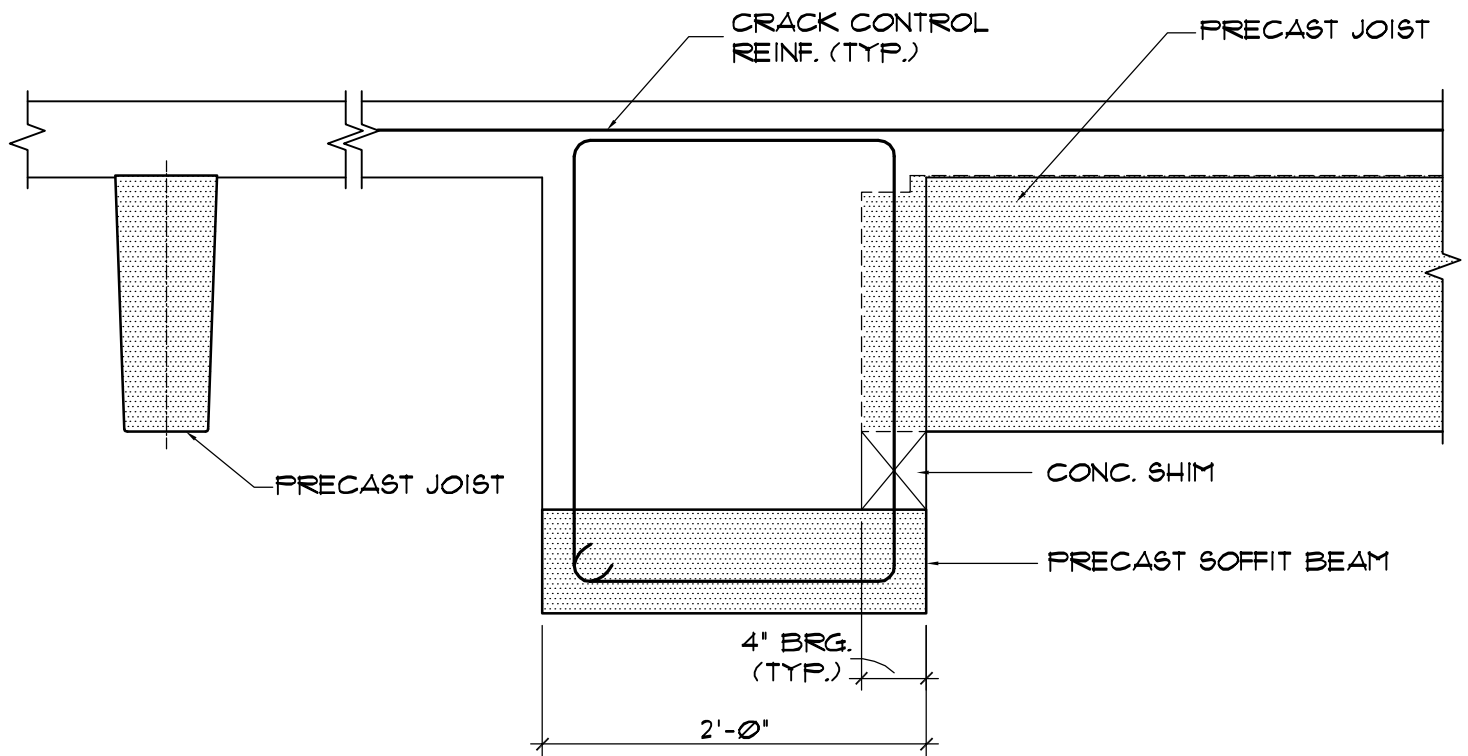
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

21



DETAIL (22)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

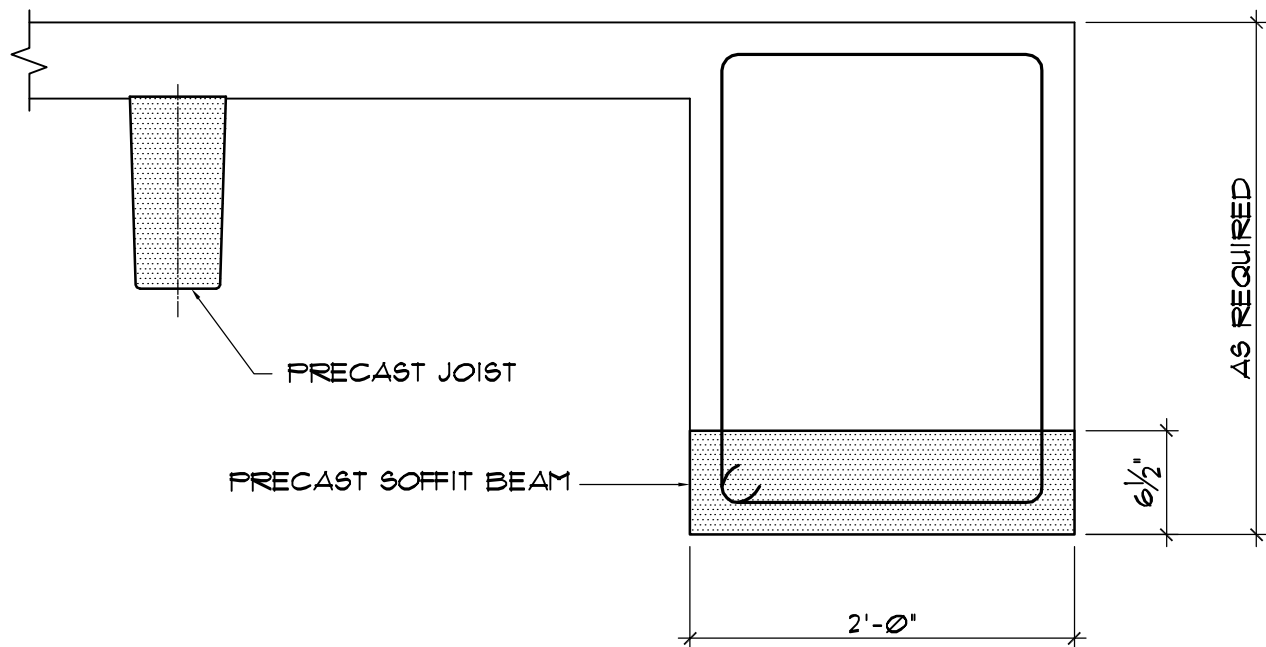
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

22



DETAIL
SCALE 1" = 1'-0" (23)

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

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JOB NO.

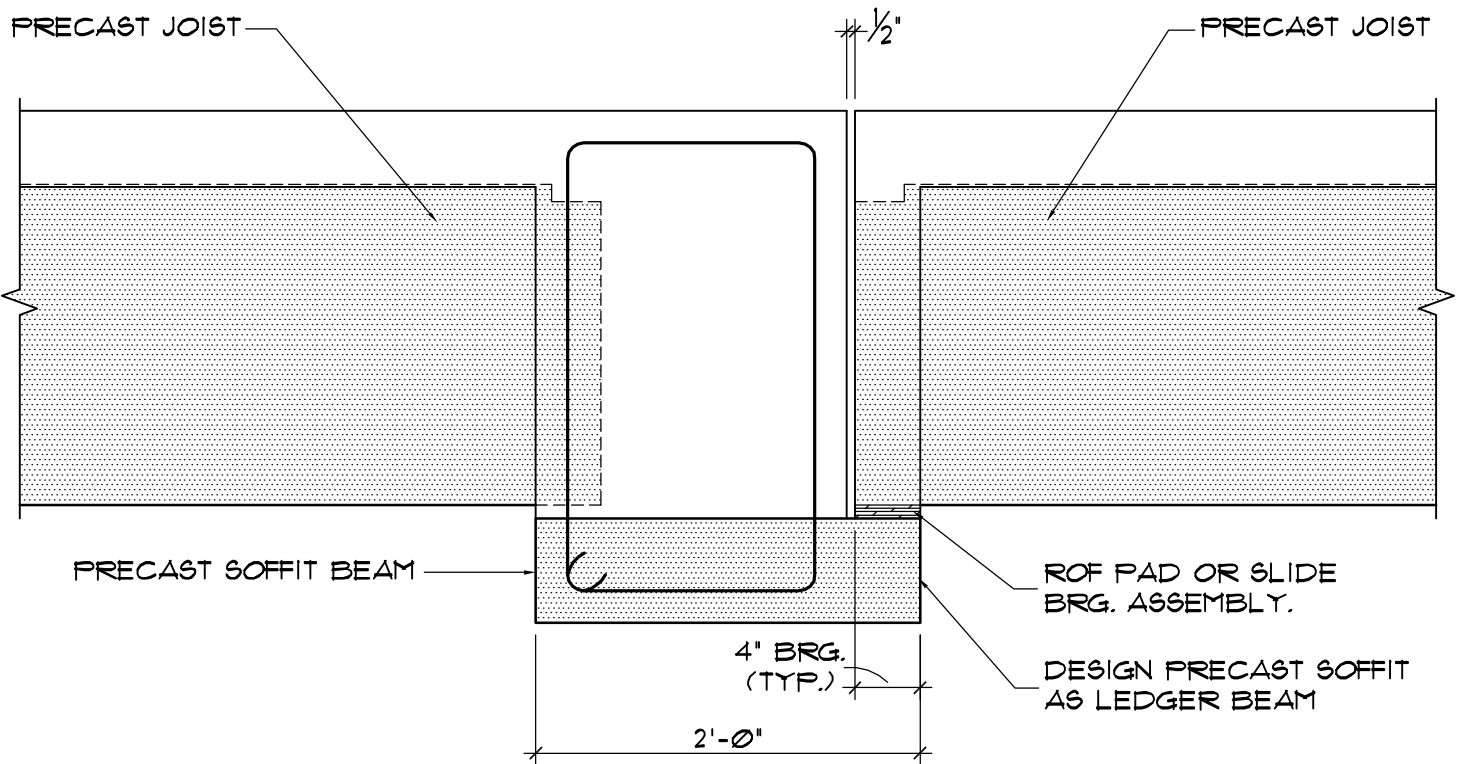
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

23



DETAIL (24)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DATE: 06-26-09

JOB NO.

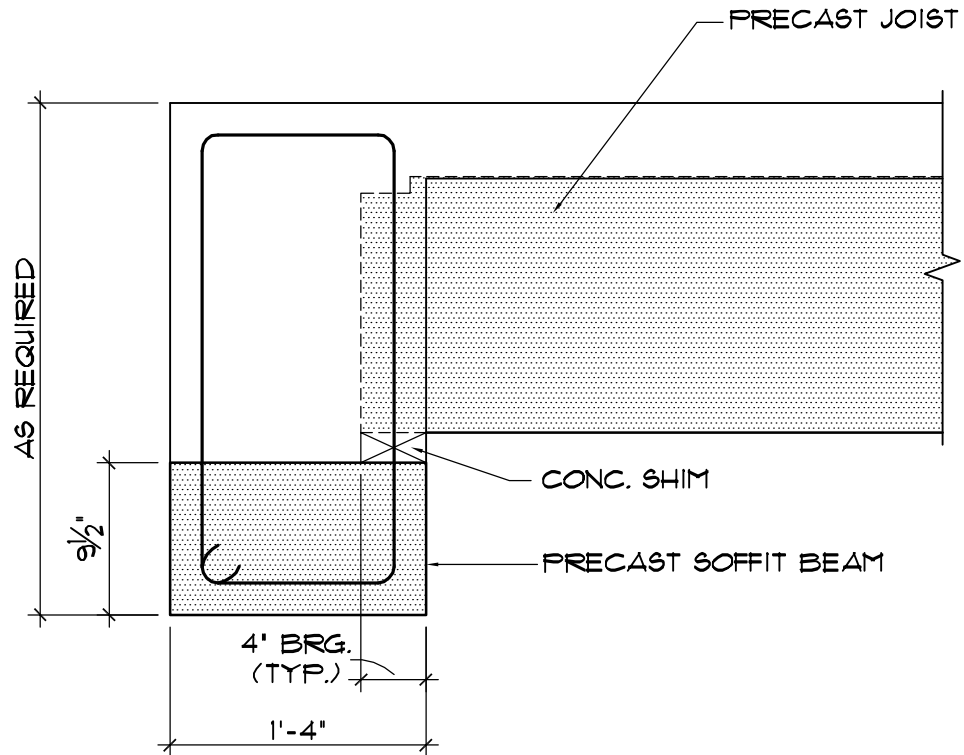
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

24



DETAIL 25
 SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

DATE: 06-26-09

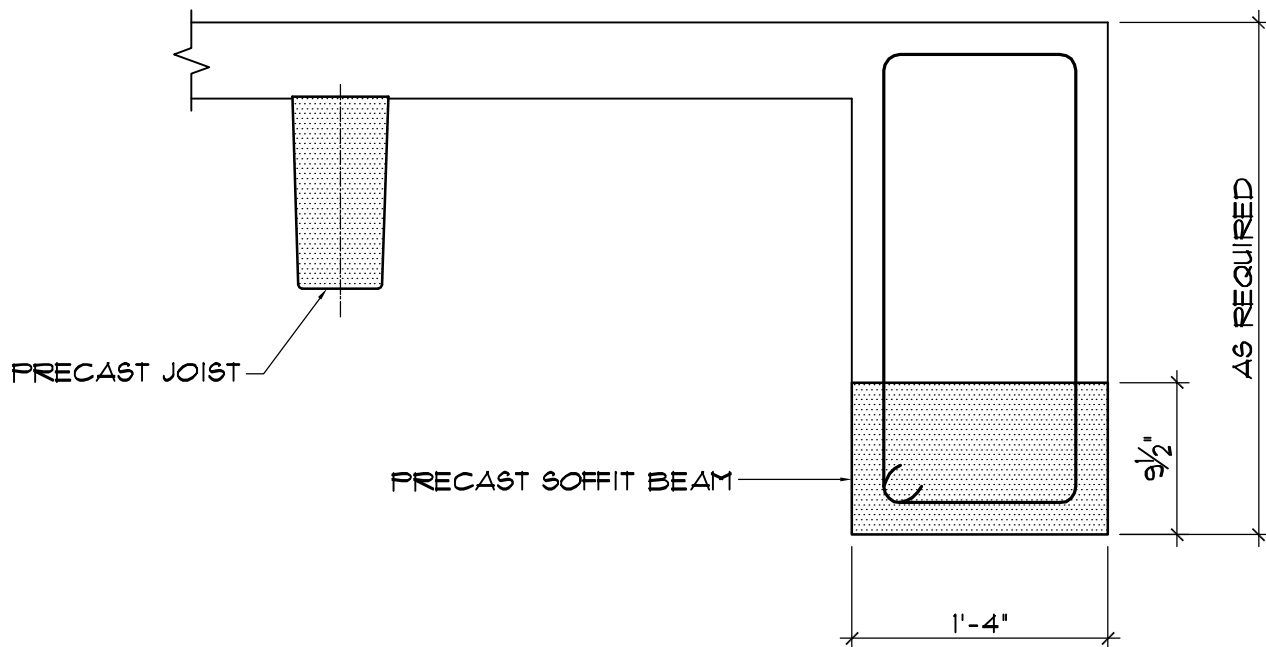
JOB NO.
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

25



DETAIL (26)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DATE: 06-26-09

JOB NO.

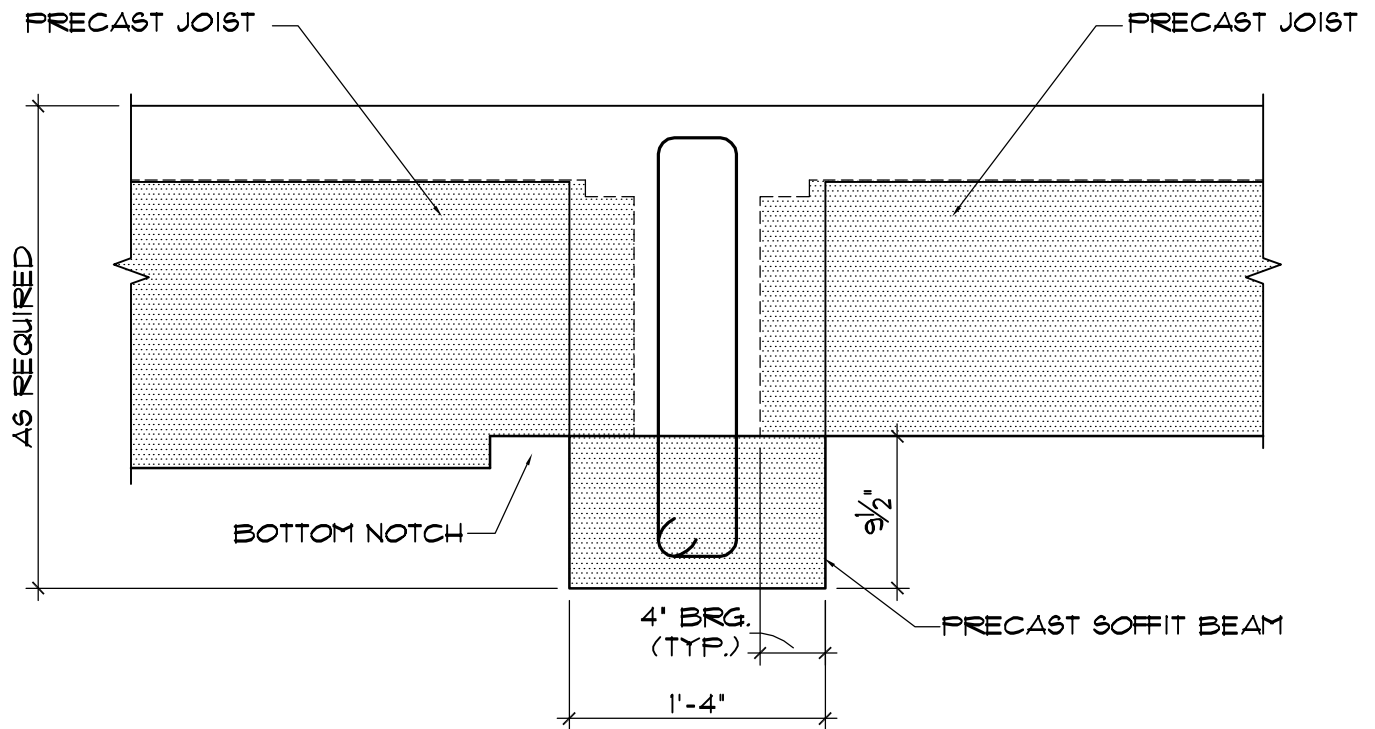
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

26



DETAIL (27)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

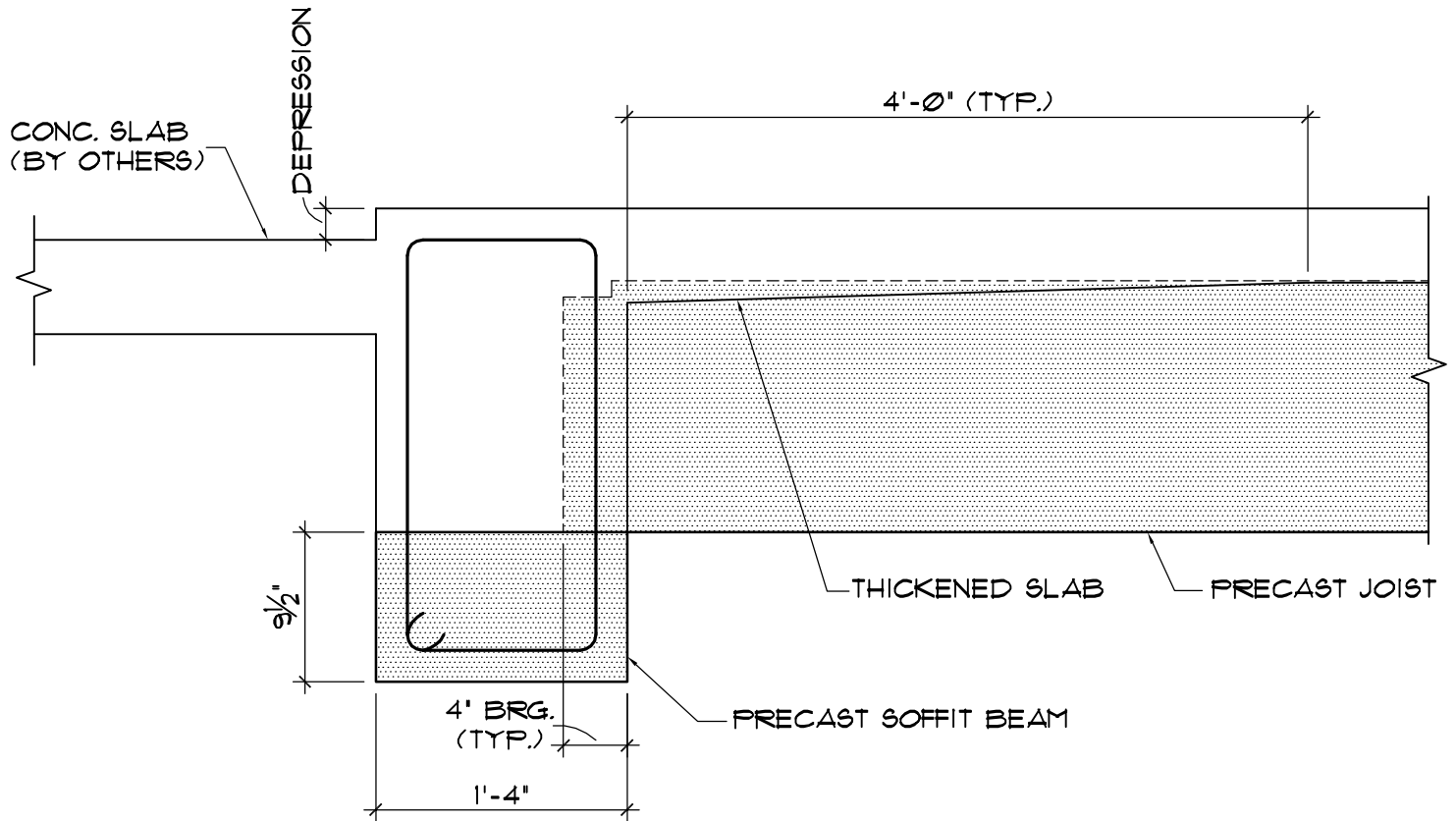
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

27



DETAIL (28)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DATE: 06-26-09

JOB NO.

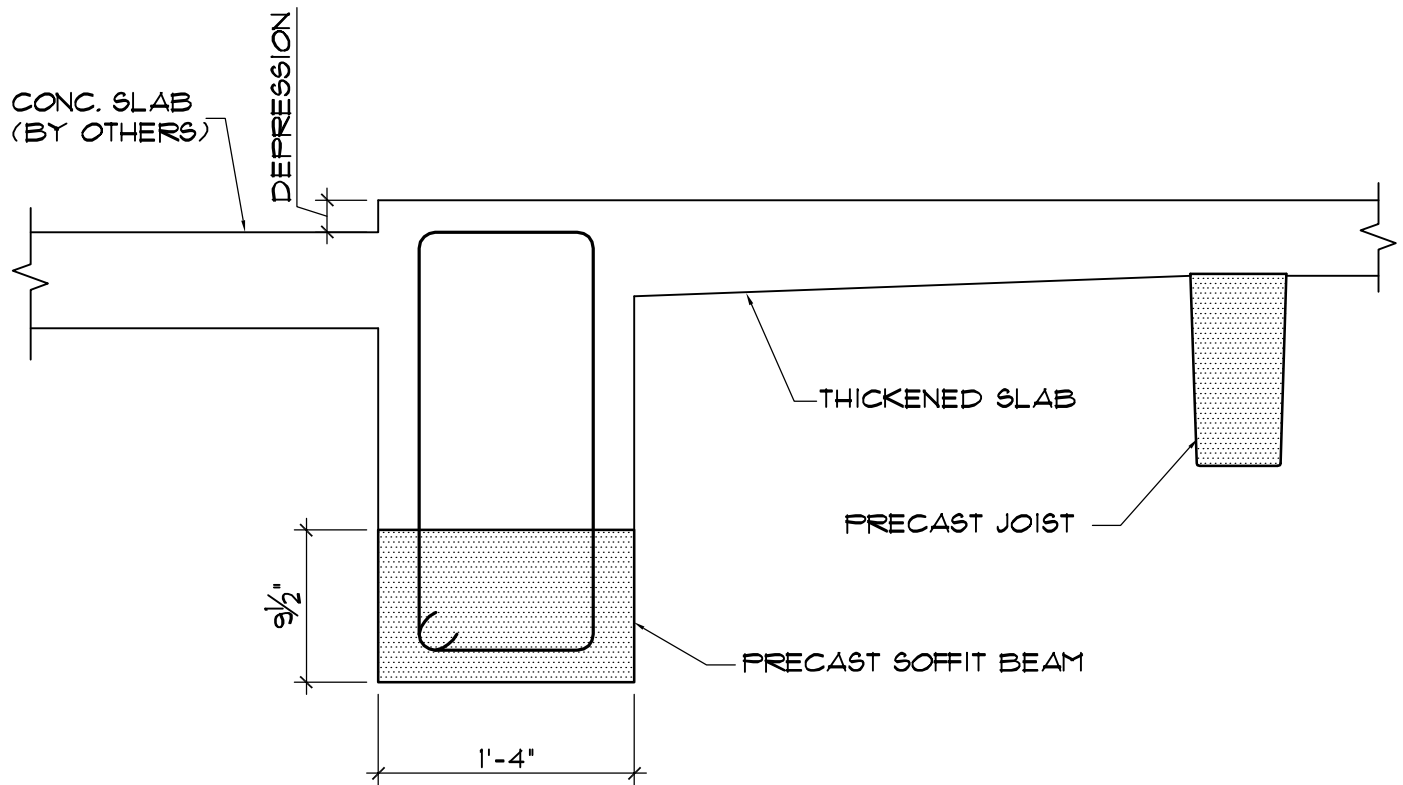
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

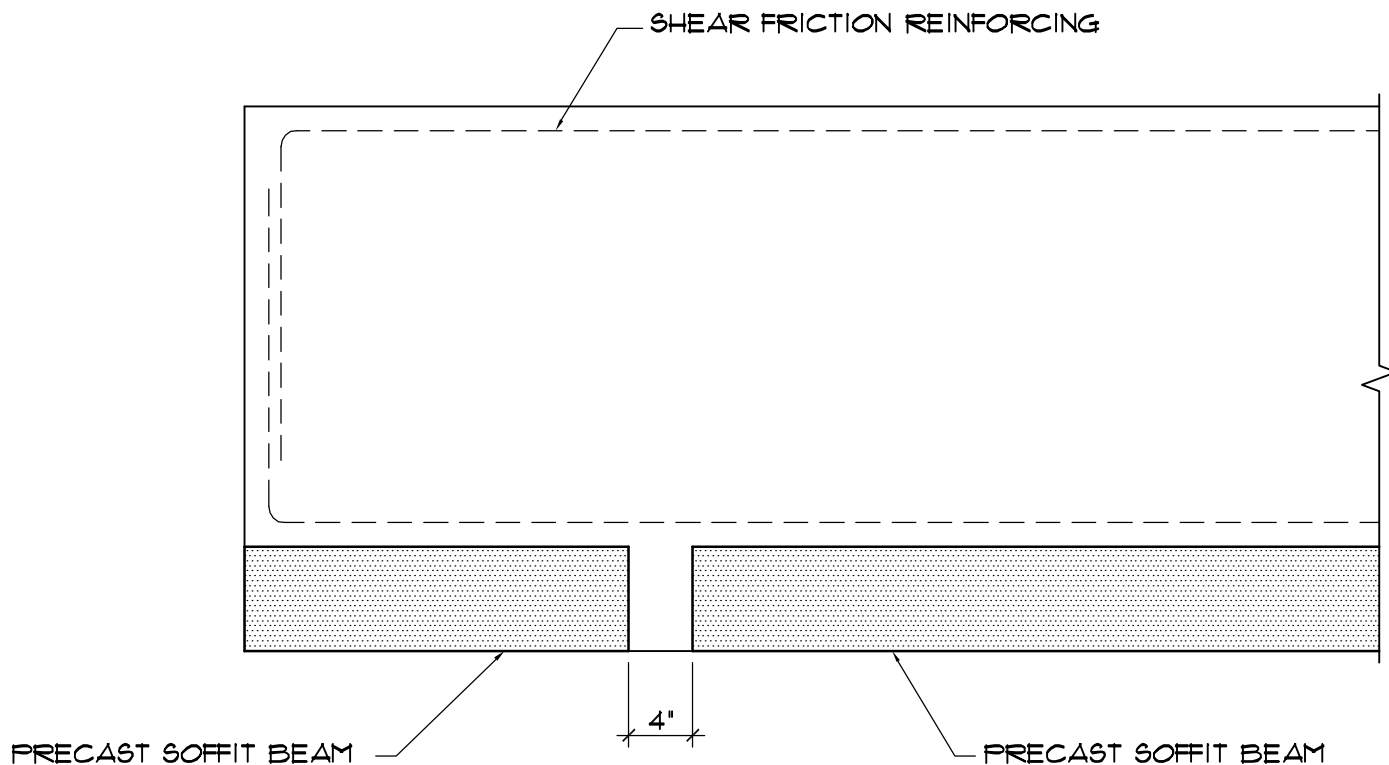
SHT. NO.

28



DETAIL (29)
SCALE 1" = 1'-0"

			SPI STRUCTURAL PRESTRESSED INDUSTRIES, INC.	DRWG. BY: H. PEREZ	CHK'D. BY: R. H.
				DATE: 06-26-09	DATE: 06-26-09
				JOB NO.	SHT. NO.
				STANDARDS	29
NO	REVISIONS	DATE			



SOFFIT TO SOFFIT CONNECTION DETAIL

SCALE 1"= 1'-0"

30

NO	REVISIONS	DATE

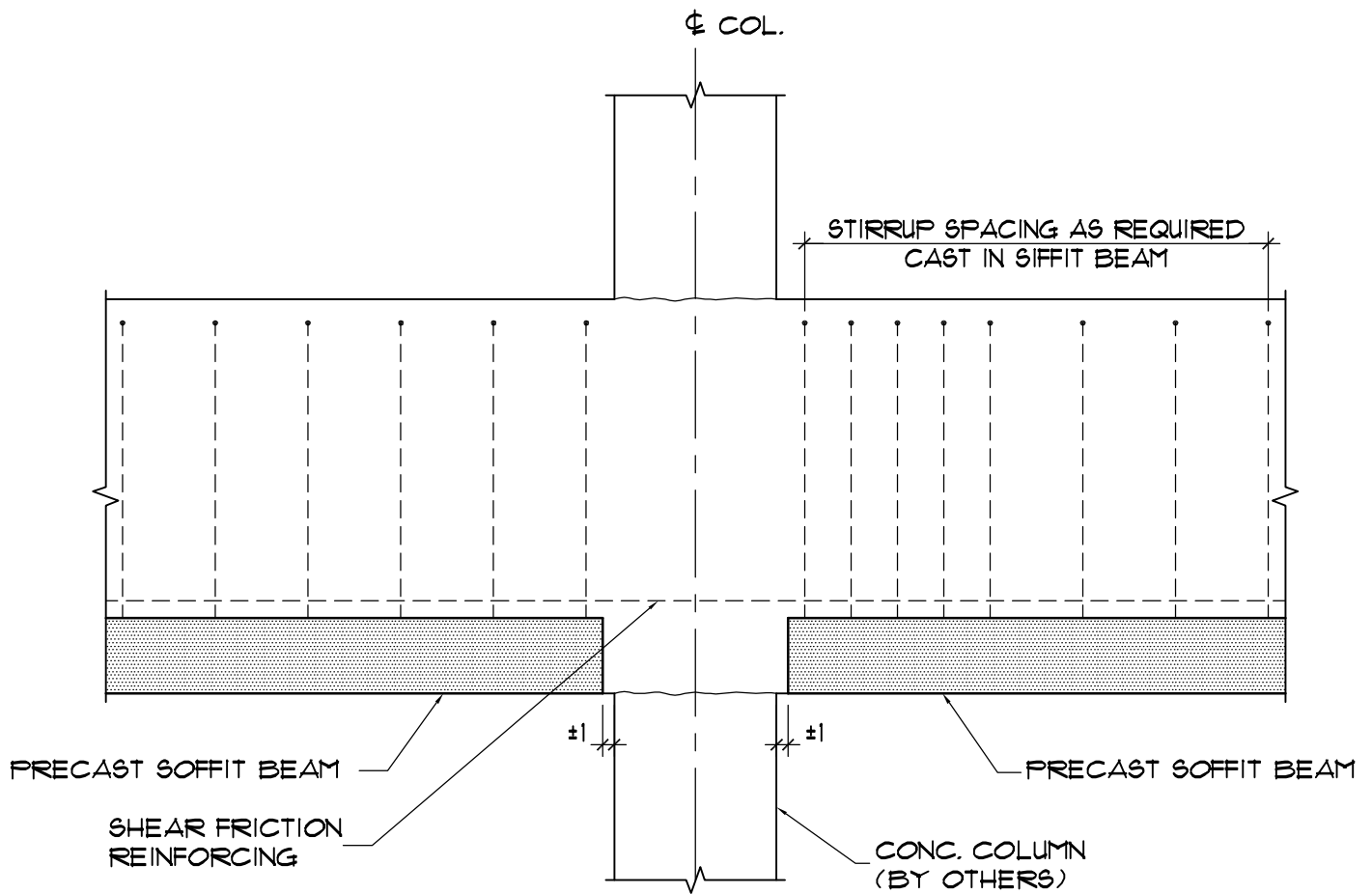


STRUCTURAL
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INDUSTRIES,
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DRWG. BY: H. PEREZ
DATE: 06-26-09
JOB NO.
STANDARDS

CHK'D. BY: R. H.
DATE: 06-26-09
SHT. NO.

30



SOFFIT TO COLUMN CONNECTION DETAIL

SCALE $\frac{3}{4}" = 1'-0"$

31

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

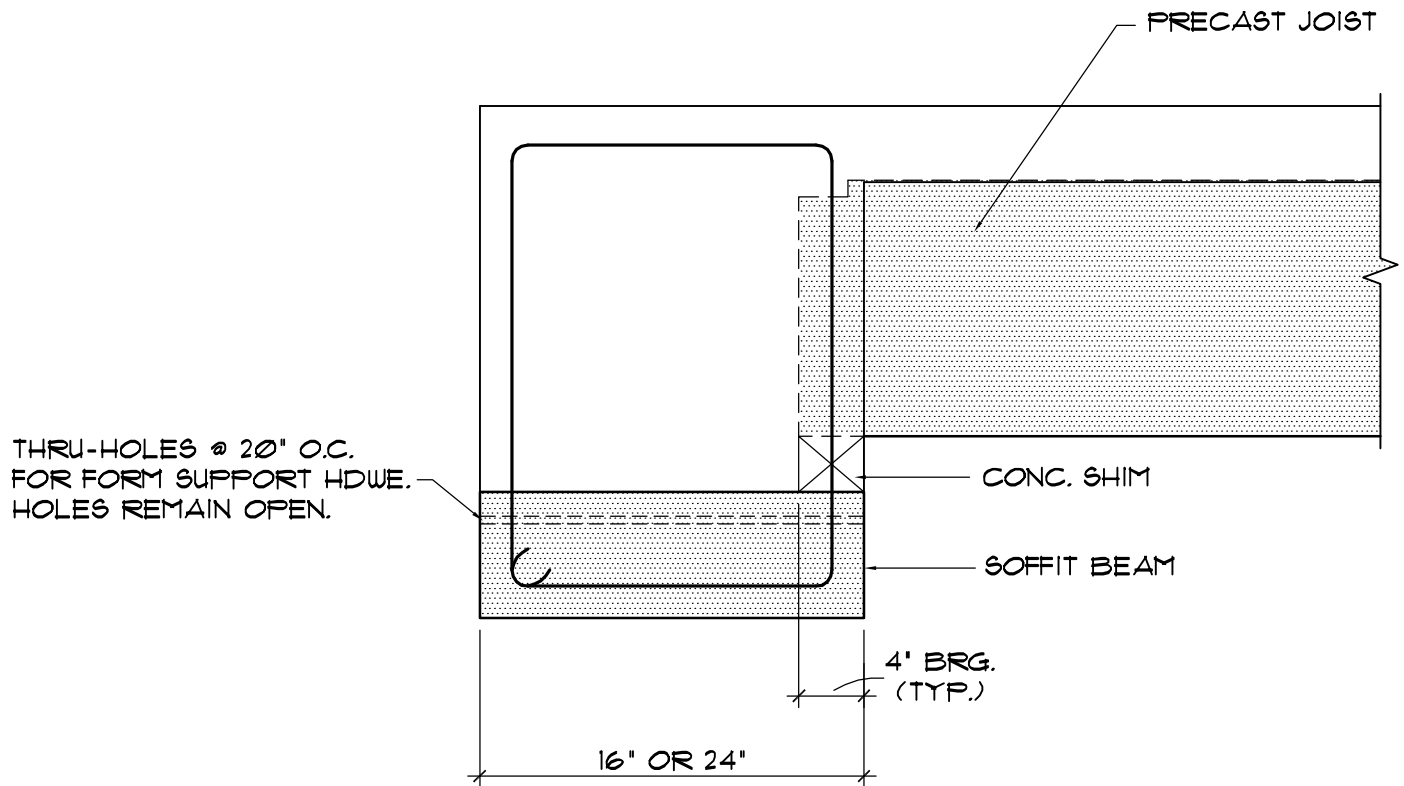
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

31



DETAIL (32)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

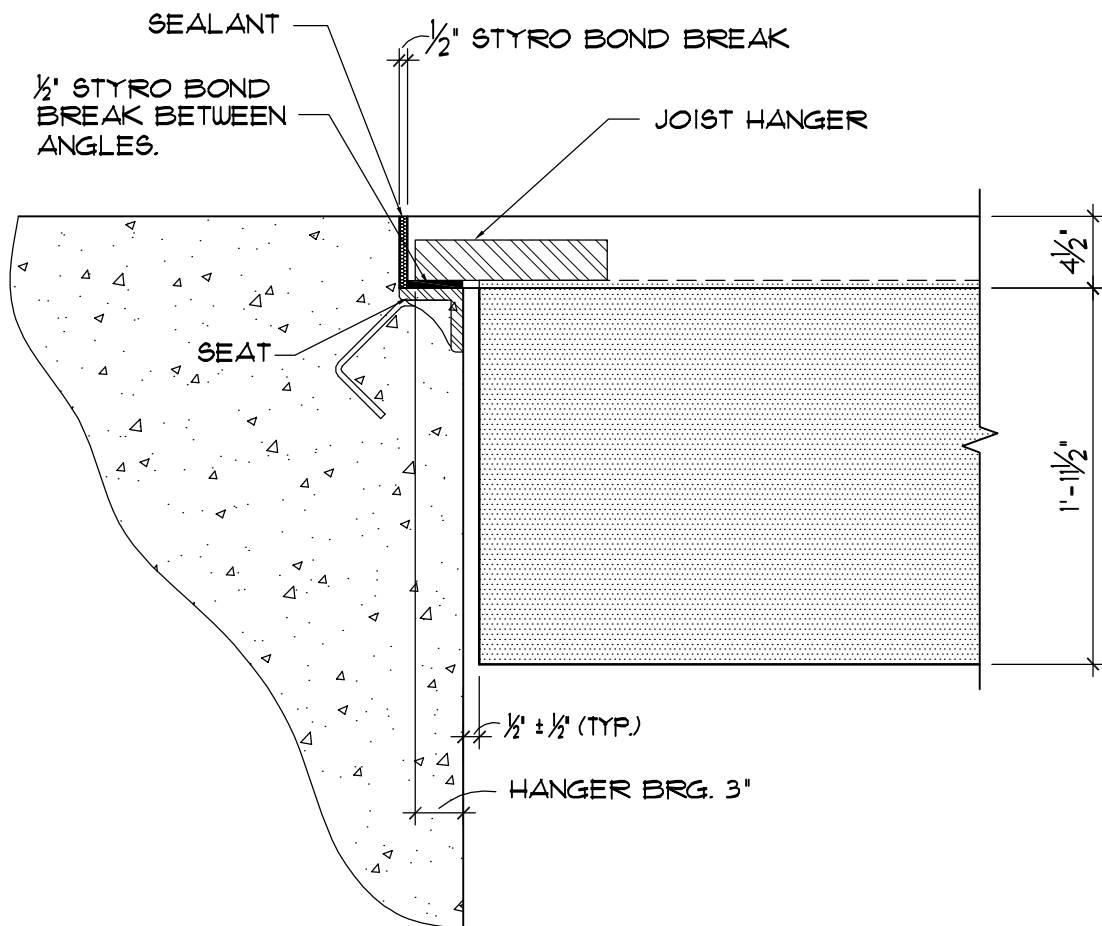
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

SHT. NO.

32



DETAIL (33)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE

SPI

STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

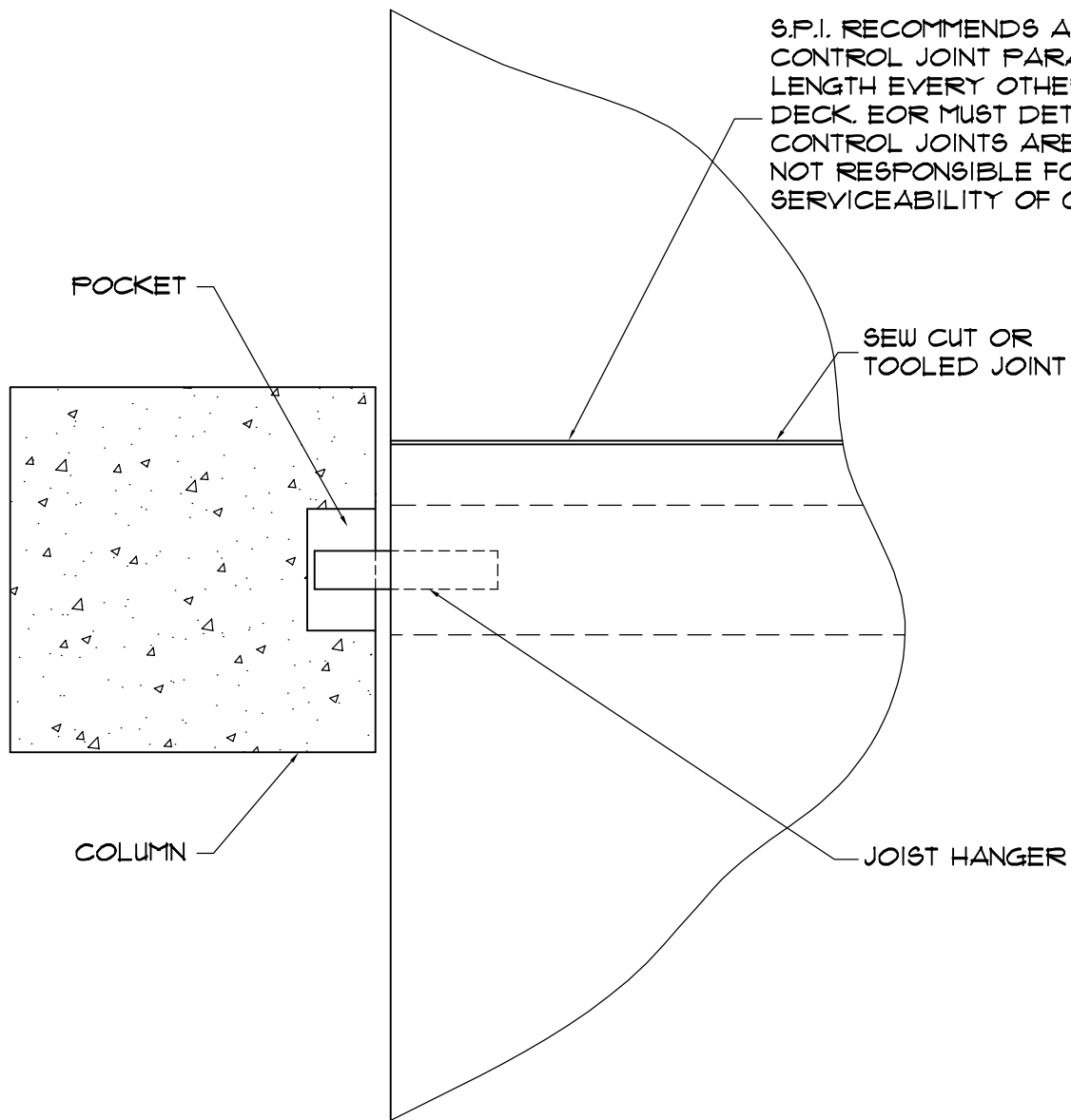
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

33



HANGER POCKET DETAIL
SCALE 1" = 1'-0"

34

NO	REVISIONS	DATE



STRUCTURAL
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

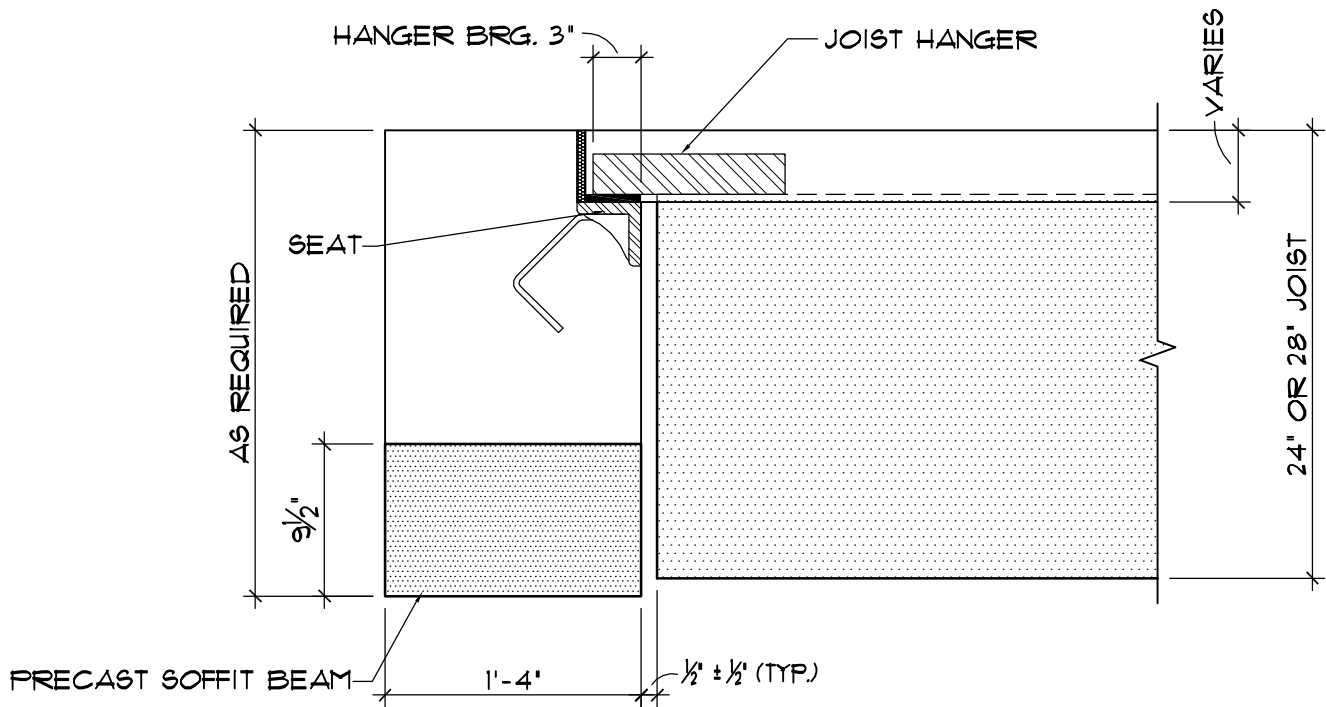
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

34



DETAIL 35
 SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

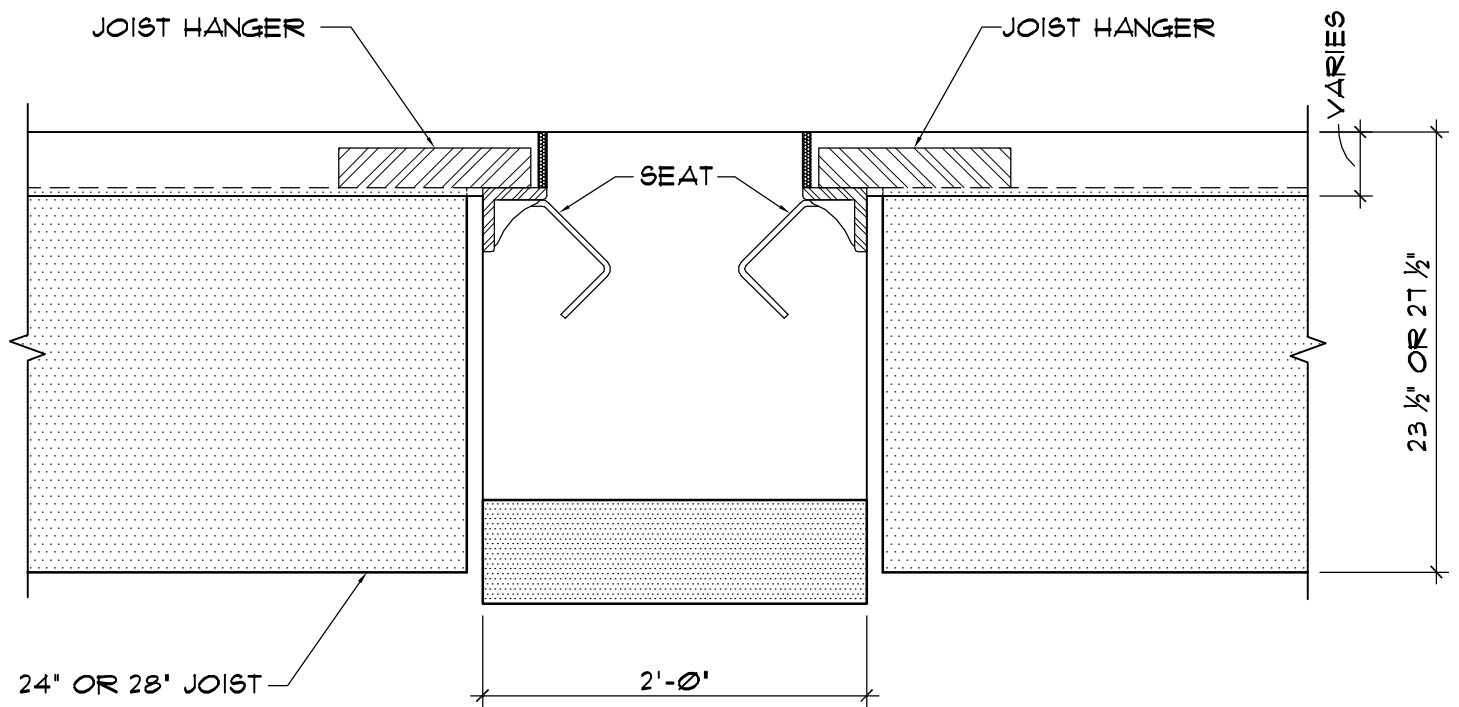
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

35



DETAIL 36
 SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

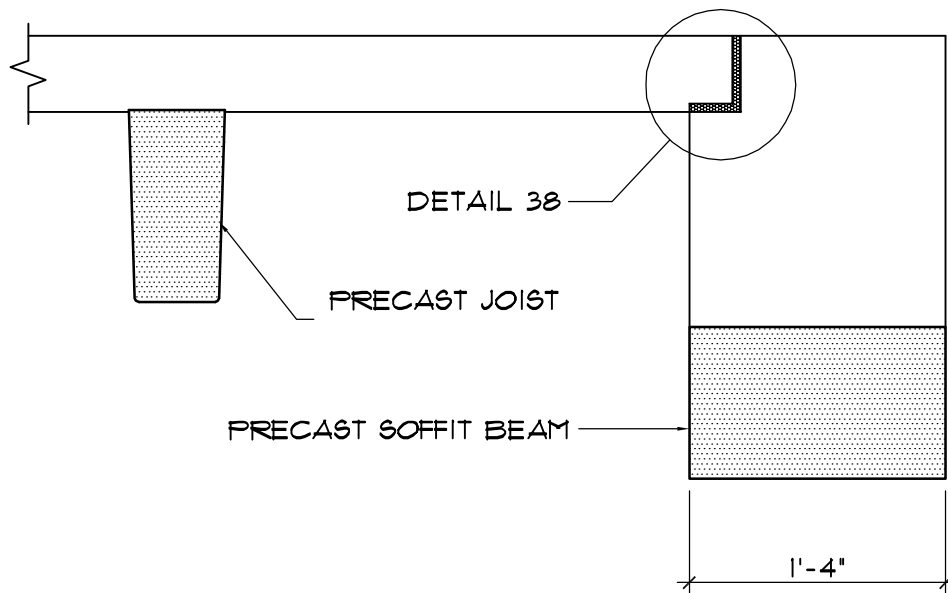
STANDARDS

CHK'D. BY: R. H.

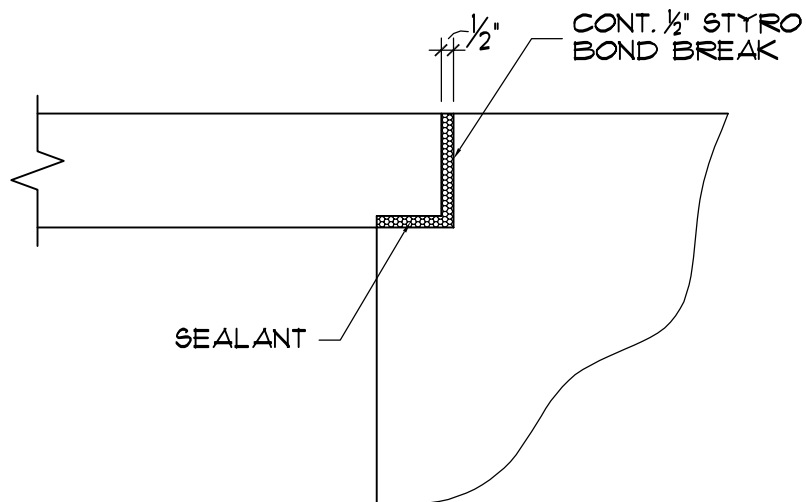
DATE: 06-26-09

SHT. NO.

36



DETAIL 37
SCALE 1" = 1'-0"



DETAIL 38
SCALE 1 1/2" = 1'-0"

NO	REVISIONS	DATE

SPI

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INDUSTRIES,
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DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

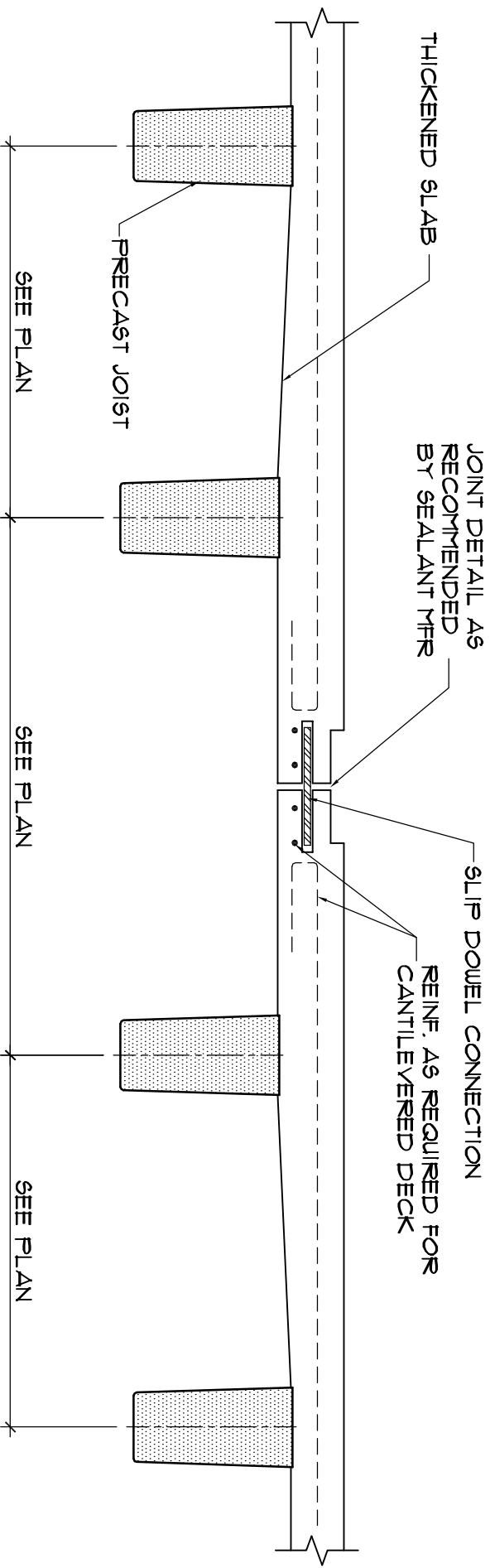
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

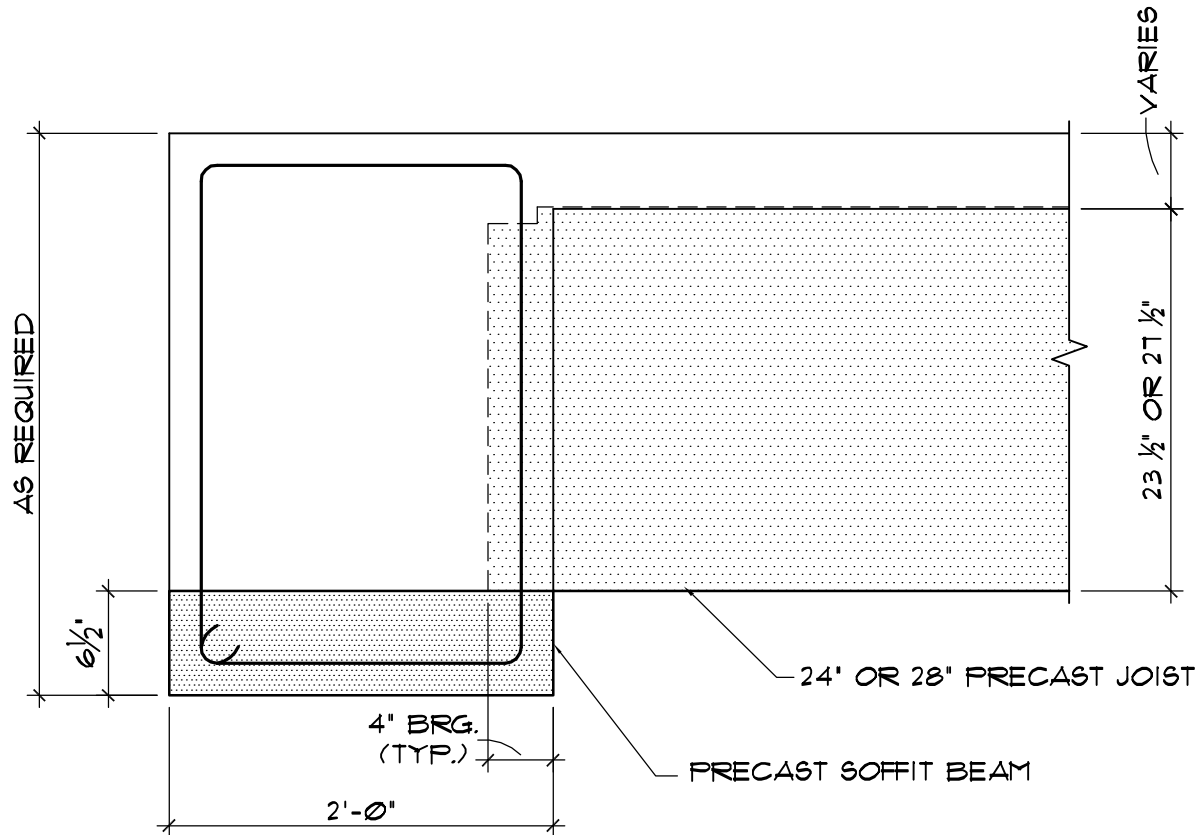
SHT. NO.

37



DETAIL
SCALE 1" = 1'-0" (39)

NO	REVISIONS	DATE	 STRUCTURAL PRESTRESSED INDUSTRIES, INC. DRWG. BY: H. PEREZ DATE: 06-26-09 JOB NO. STANDARDS CHK'D BY: R. H. DATE: 06-26-09 SHT. NO. 38	



DETAIL 40
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

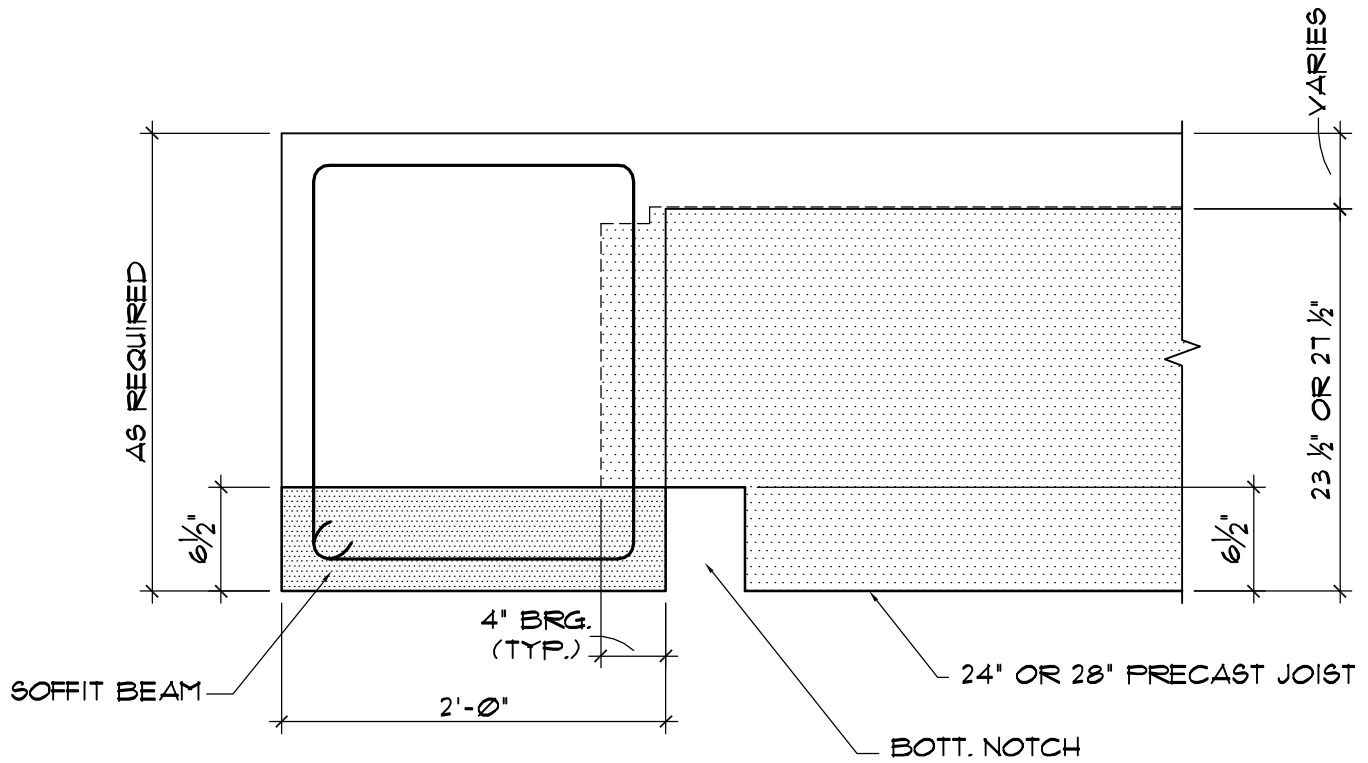
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

SHT. NO.

39



DETAIL 41
SCALE 1" = 1'-0"

NO	REVISIONS	DATE

SPI

STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

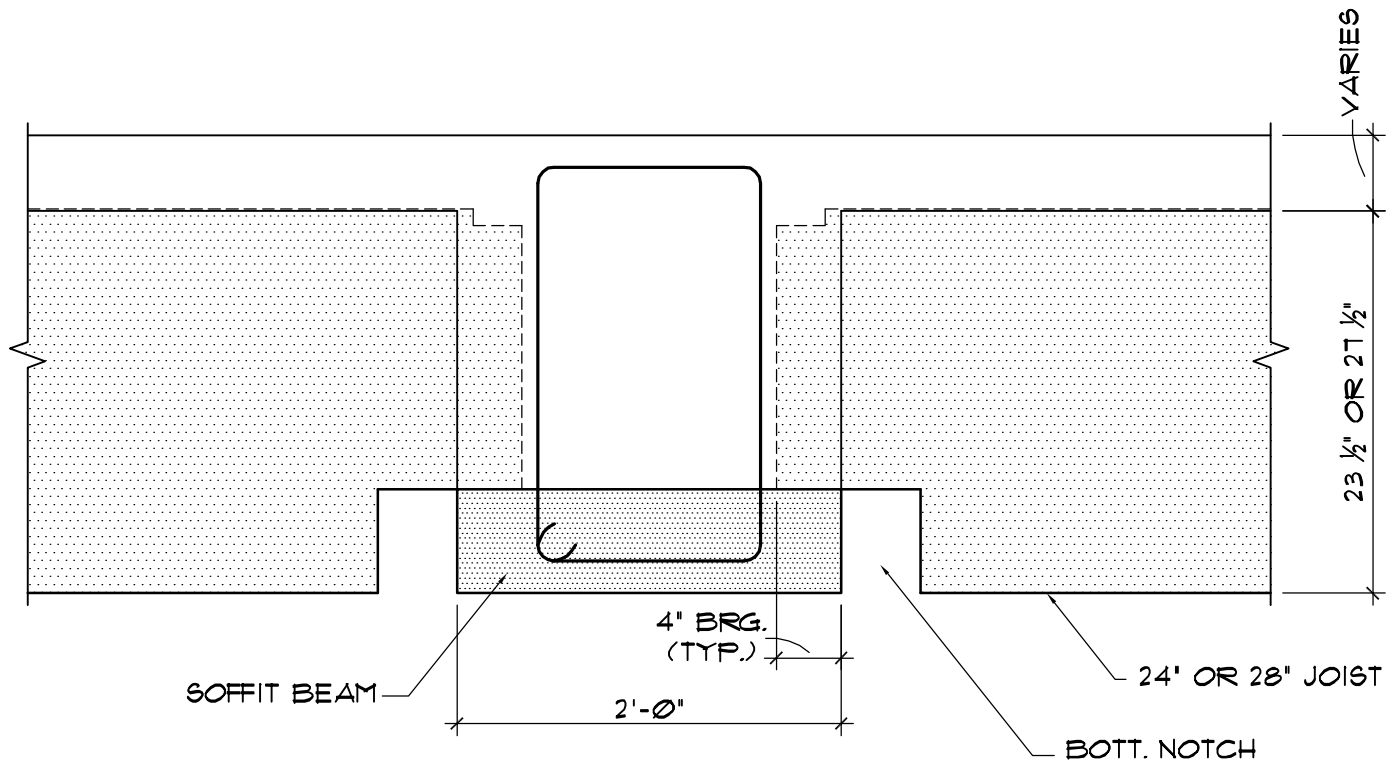
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

40



DETAIL (42)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

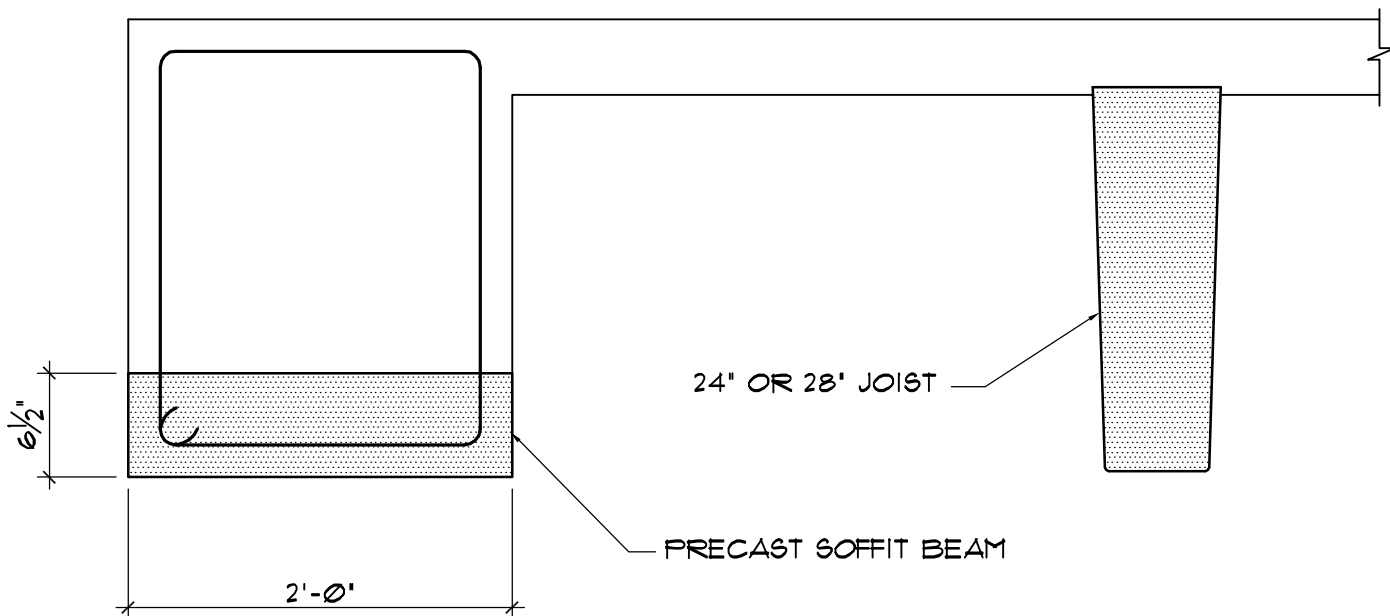
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

41



DETAIL (43)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

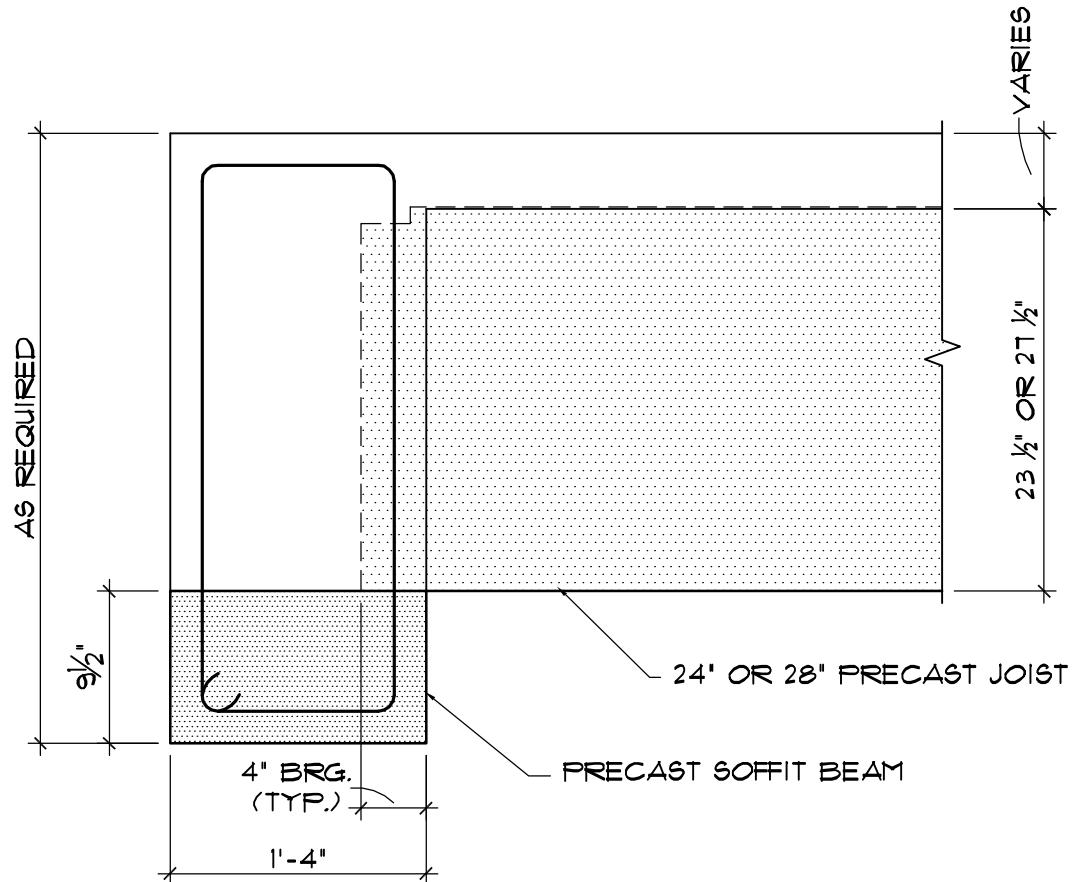
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

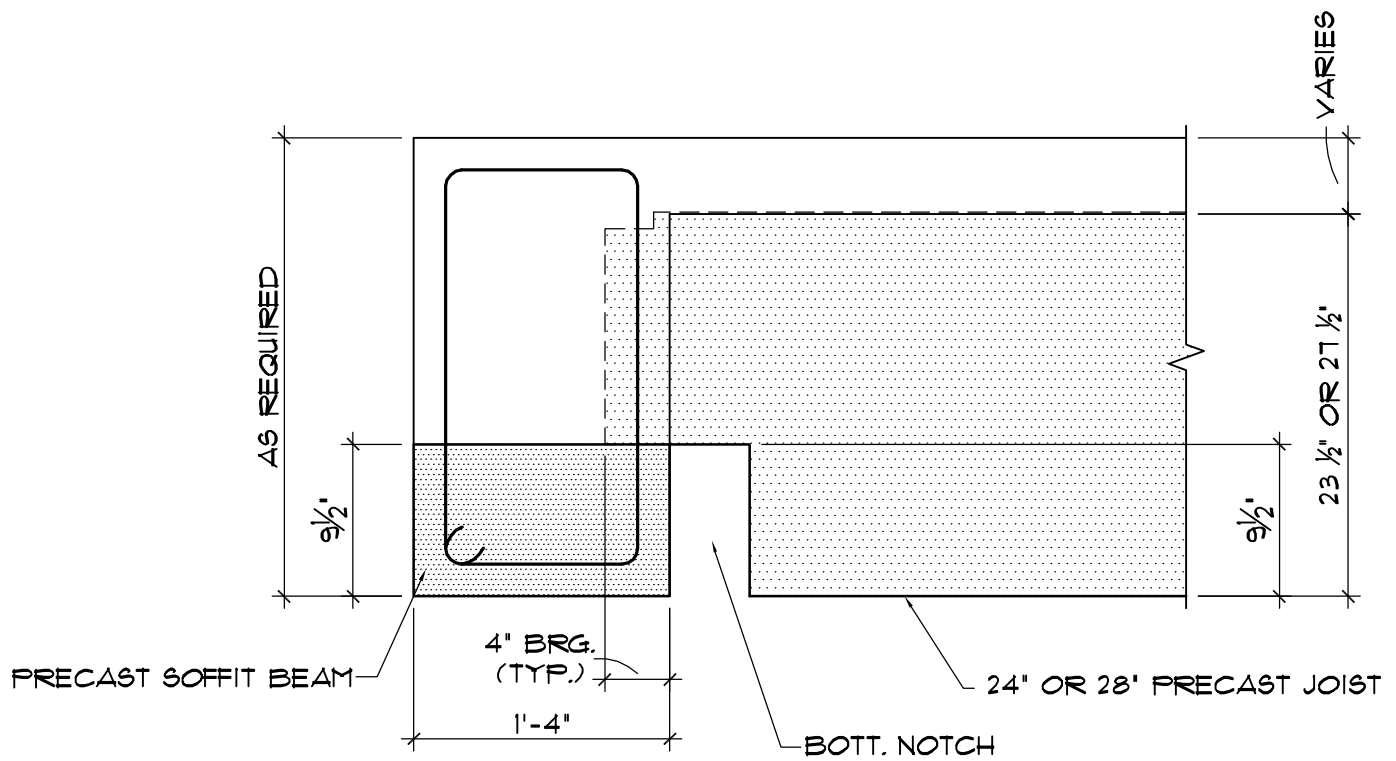
SHT. NO.

42



DETAIL 44
SCALE 1" = 1'-0"

			SPI STRUCTURAL PRESTRESSED INDUSTRIES, INC.	DRWG. BY: H. PEREZ	CHK'D. BY: R. H.
				DATE: 06-26-09	DATE: 06-26-09
				JOB NO.	SHT. NO.
NO	REVISIONS	DATE		STANDARDS	43



DETAIL 45
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

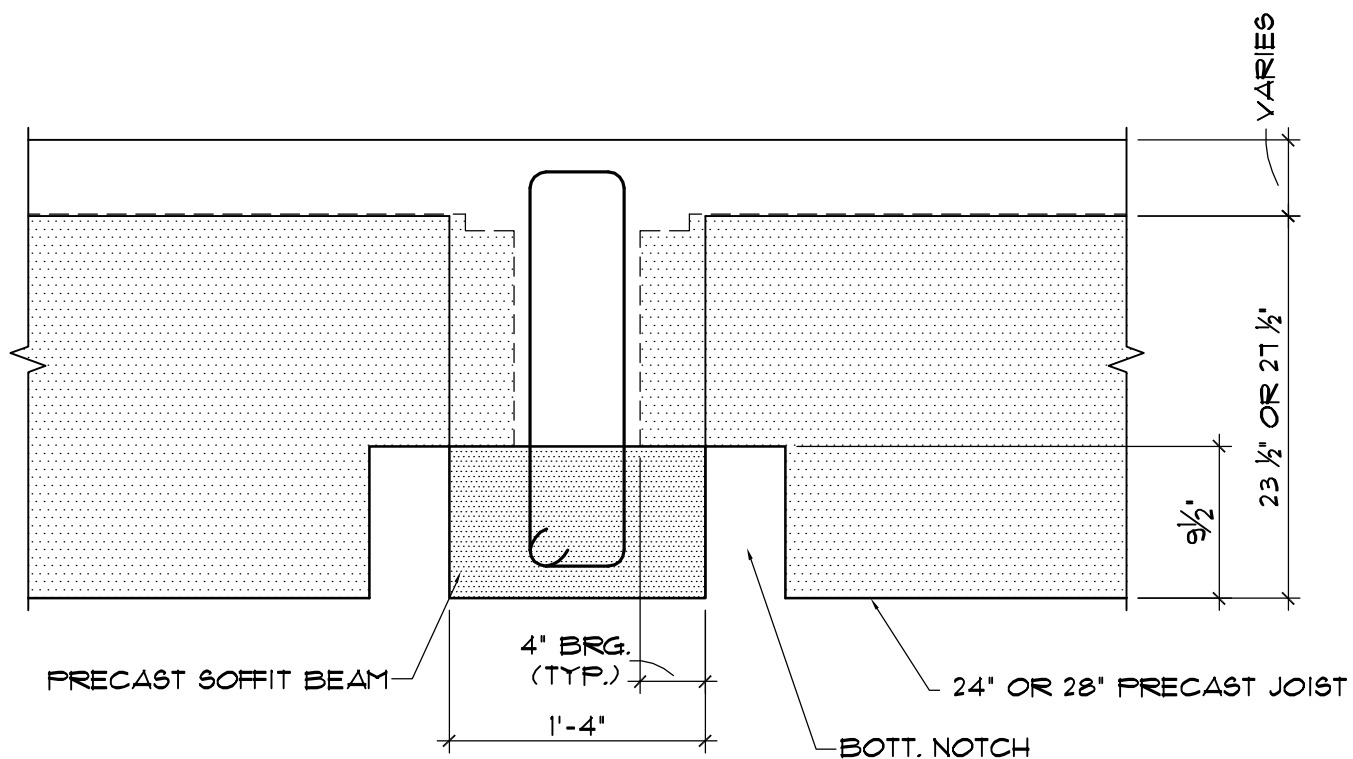
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

44



DETAIL 46
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

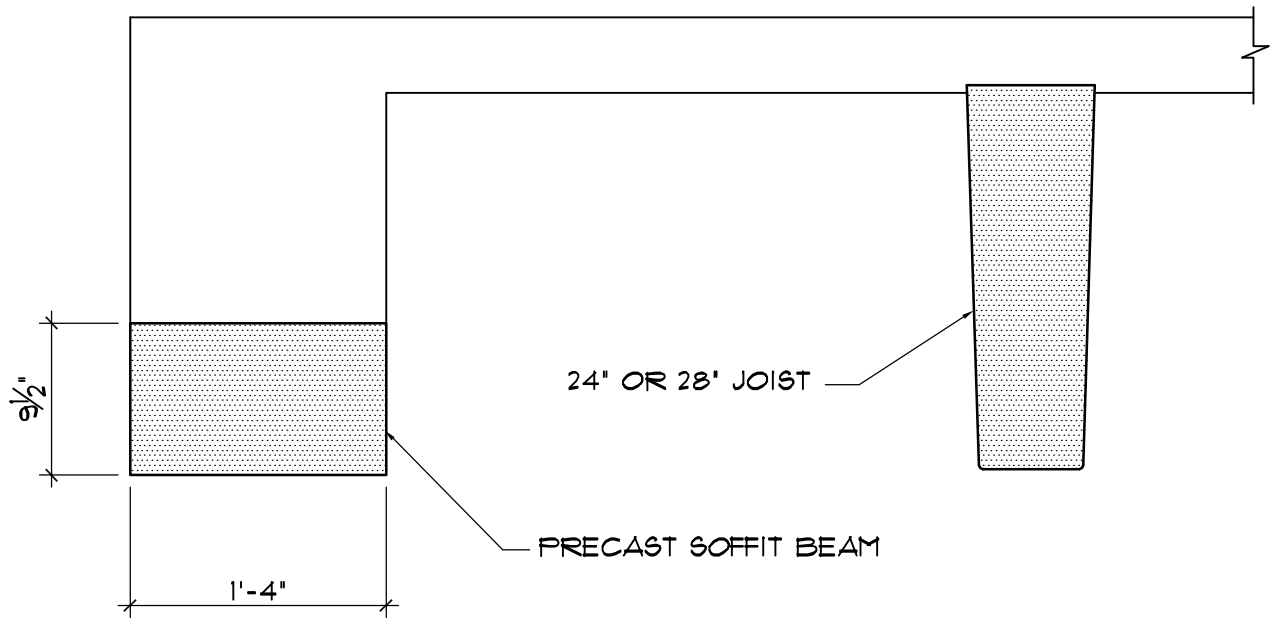
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

45



DETAIL (47)
SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

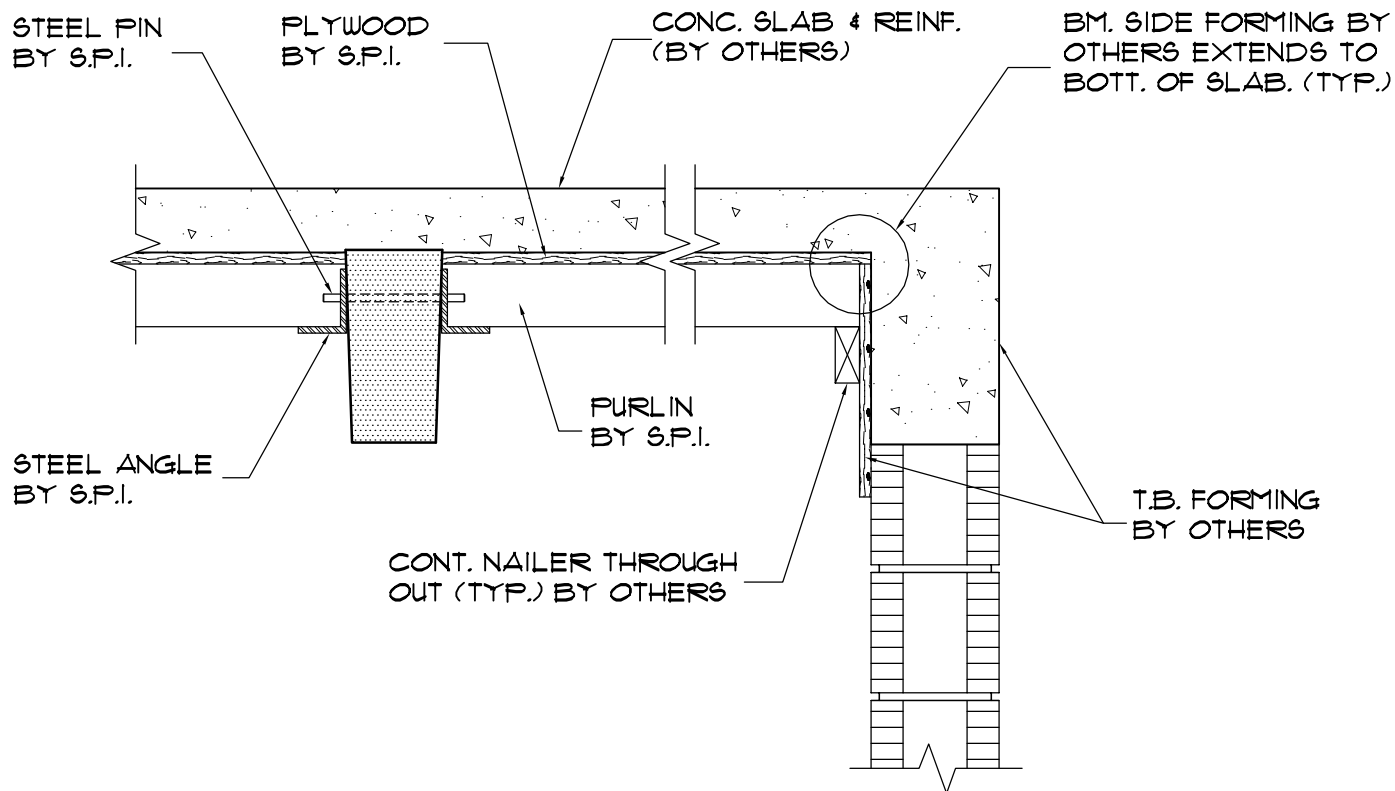
STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

46



FORMING DETAIL (48)

SCALE 1" = 1'-0"

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

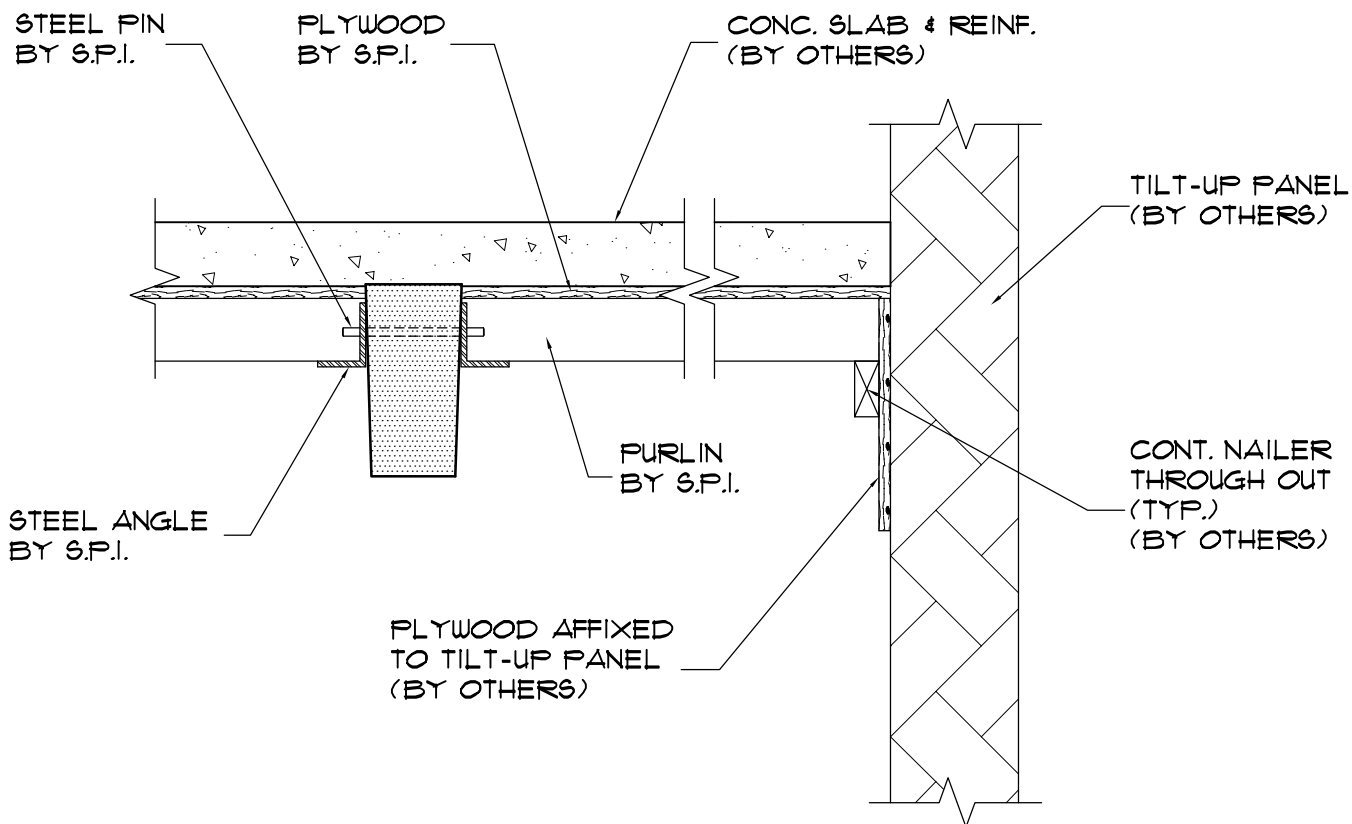
STANDARDS

CHK'D. BY: R.H.

DATE: 06-26-09

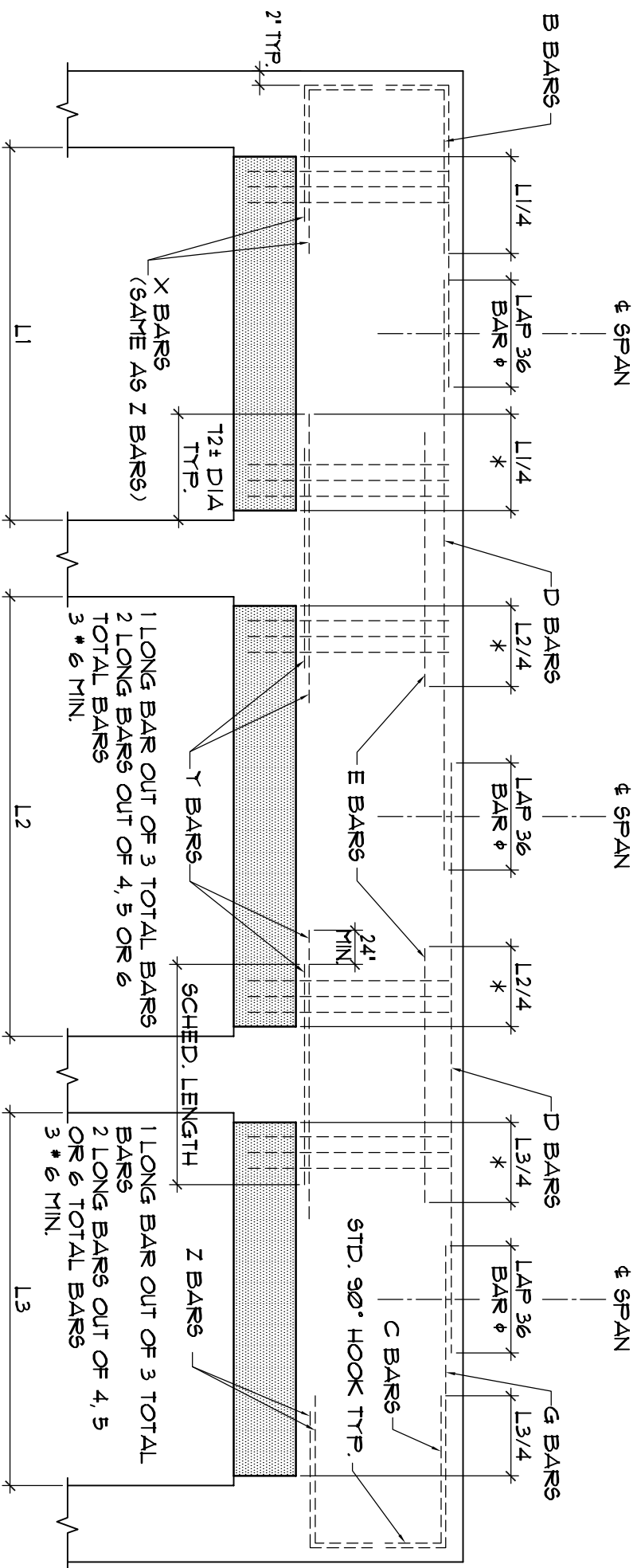
SHT. NO.

47



FORMING DETAIL (49)
 SCALE 1" = 1'-0"

			 STRUCTURAL PRESTRESSED INDUSTRIES, INC.	DRWG. BY: H. PEREZ	CHK'D. BY: R. H.
				DATE: 06-26-09	DATE: 06-26-09
				JOB NO.	SHT. NO.
NO	REVISIONS	DATE		STANDARDS	48

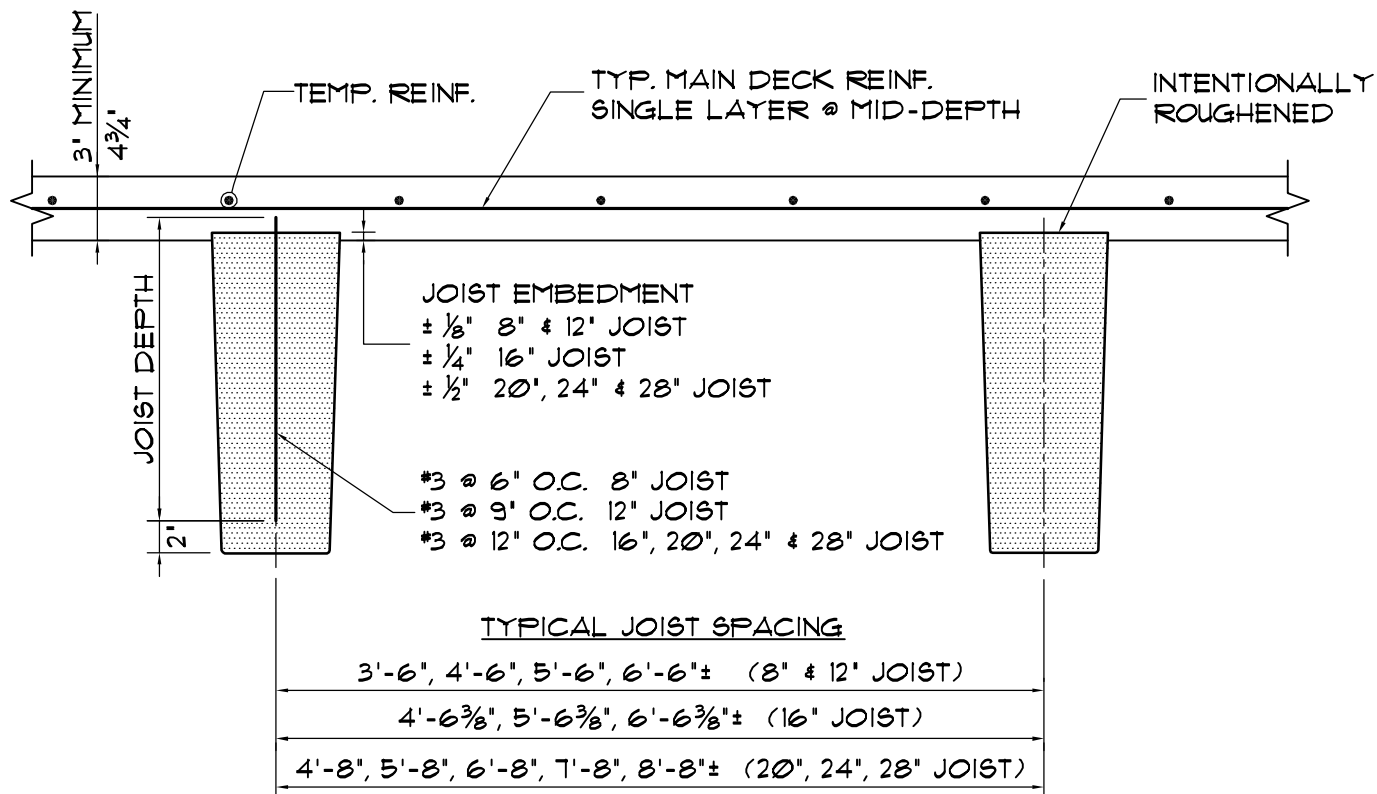


DETAIL

SCALE 1" = 1'-0"

* LARGER DIMENSION CONTROLS FOR BOTH SIDES

NO	REVISIONS	DATE	 STRUCTURAL PRESTRESSED INDUSTRIES, INC. DRWG. BY: H. PEREZ DATE: 06-26-09 JOB NO. STANDARDS CHK'D BY: R. H. DATE: 06-26-09 SHT. NO. 49	



TYPICAL SECTION

JOISTS DIMENSIONS				
	H	B	T	WT. PLF
	8"	5 $\frac{1}{2}"$	6"	45.5
	12"	5 $\frac{1}{4}"$	6"	67
	16"	5 $\frac{1}{4}"$	6 $\frac{3}{8}"$	95
	20"	6 $\frac{3}{4}"$	8"	154
	24"	6 $\frac{1}{2}"$	8"	174
	28"	6 $\frac{1}{2}"$	8 $\frac{1}{4}"$	210

NO	REVISIONS	DATE



STRUCTURAL
PRESTRESSED
INDUSTRIES,
INC.

DRWG. BY: H. PEREZ

DATE: 06-26-09

JOB NO.

STANDARDS

CHK'D. BY: R. H.

DATE: 06-26-09

SHT. NO.

50