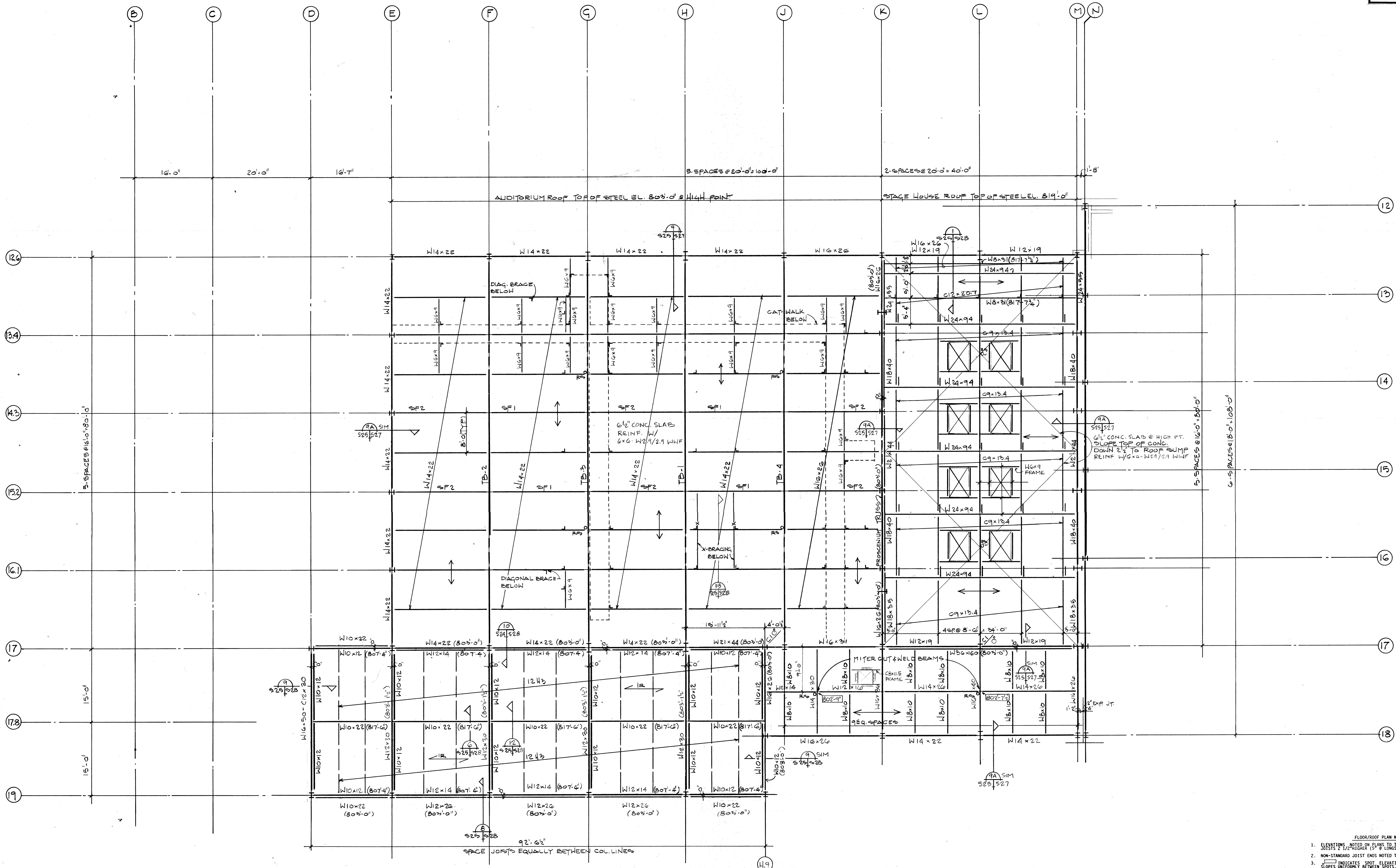
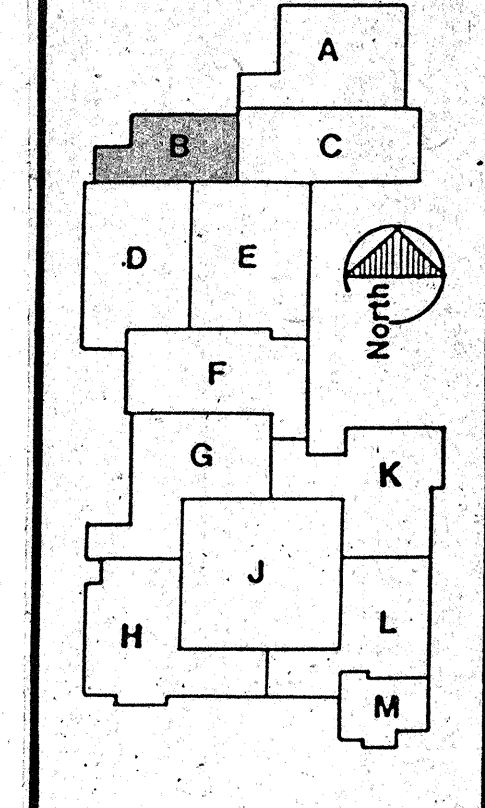




ROOF FRAMING PLAN - UNIT B
TOP OF STEEL EL. 81'-10"

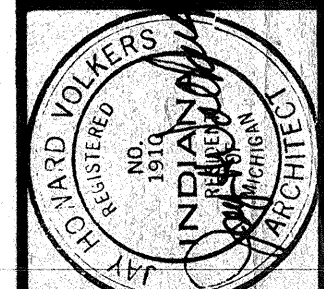
- FLOOR/ROOF PLAN NOTES
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2 1/2" HIGHER (5" 8" LONGSPAN JOISTS).
 - NON-STANDARD JOIST CHGS NOTED THUS, 3 1/2" E.
 - INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORMLY BETWEEN SPOTS.
 - INDICATES COMPOSITE DECK OR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 - INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - SEE SHEET S45 FOR COLUMN (C) SCHEDULE, L-INTEL (LI) SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SHAY FRAME (SF) DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x26-12-24
 - OF STUDS EVENLY SPACED
 - R.S. INDICATES ROOF SUMP.
 - SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.



Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

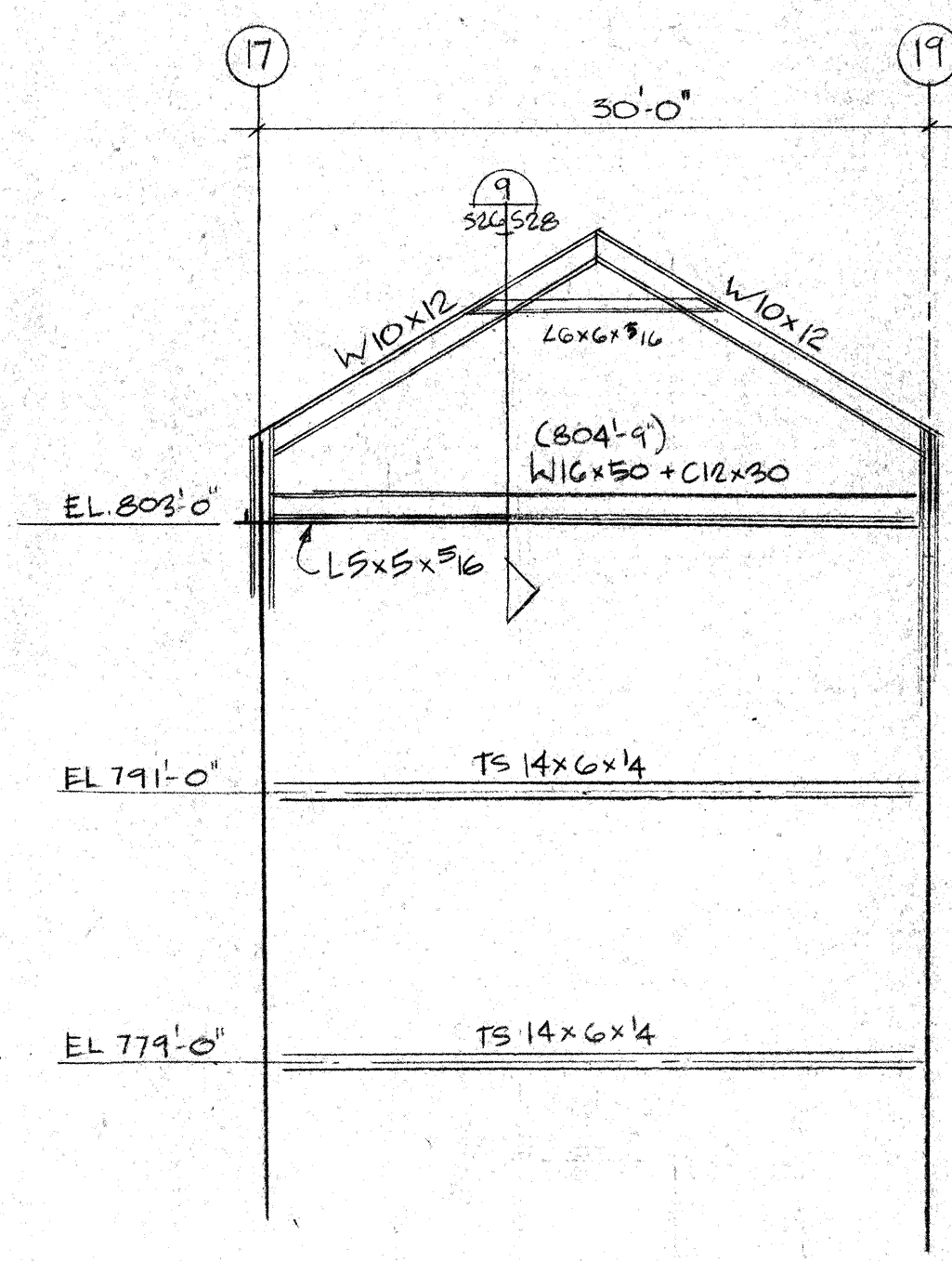
Drawing Number
S25
M5086.03

Roof Framing Plan - Unit B

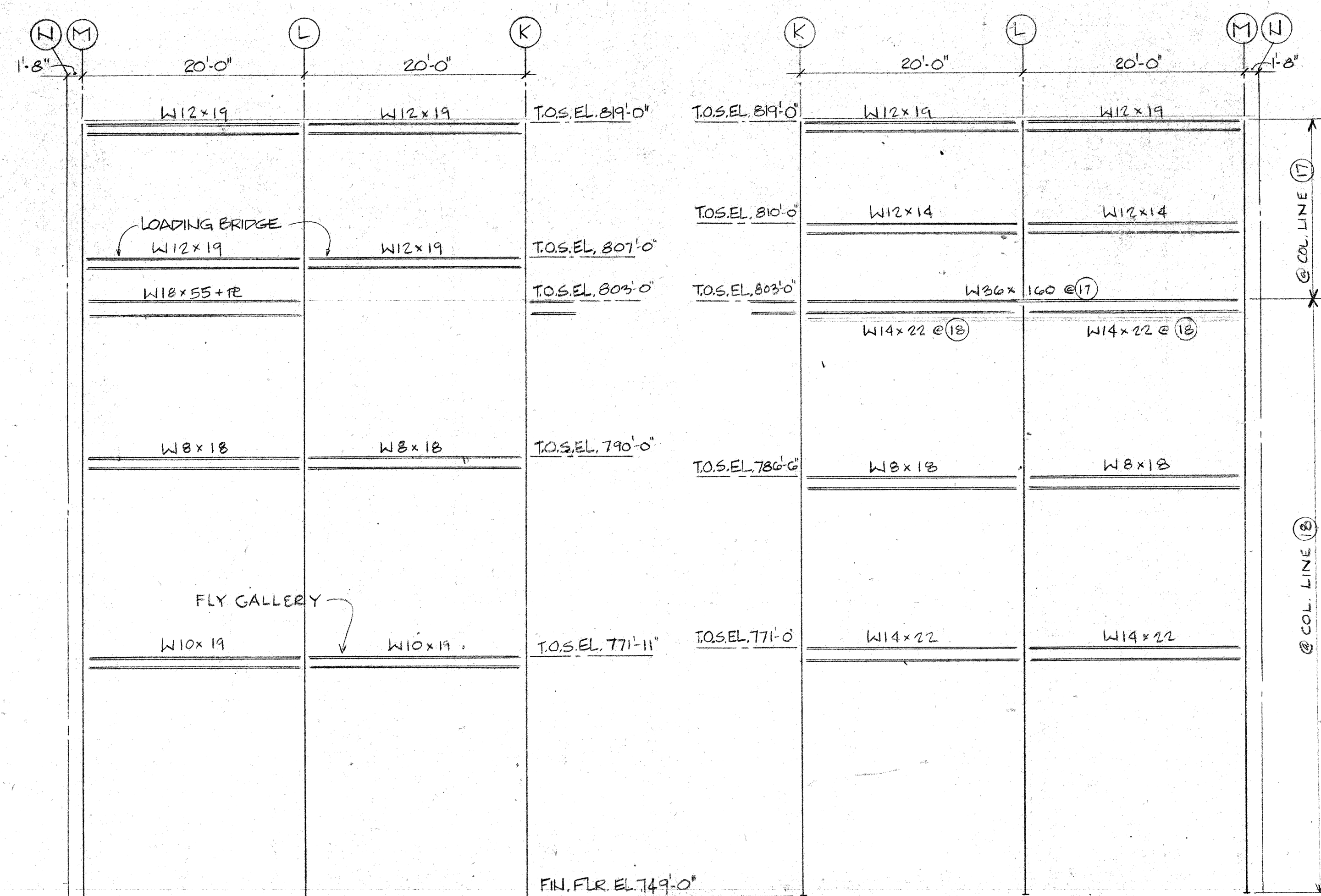


DR	TR	CK	APP	IN CHARGE

Daverman/HMFH
Associated Architects & Engineers
82 South NW, Suite 200, Osceola, Indiana 46551-3444
Telephone (317) 635-5500

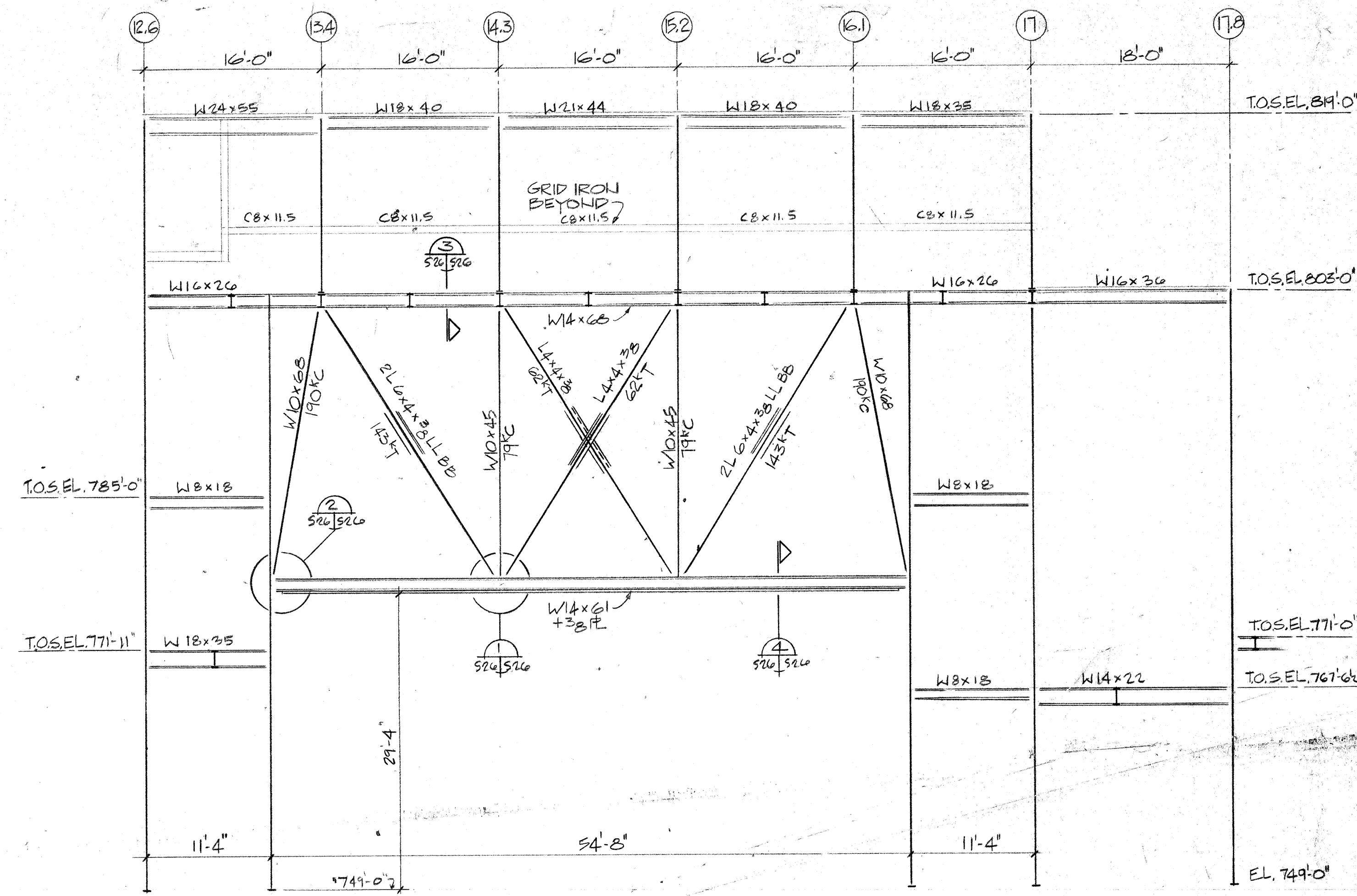


PARTIAL LOBBY ELEVATION
C LINE D LOOKING EAST

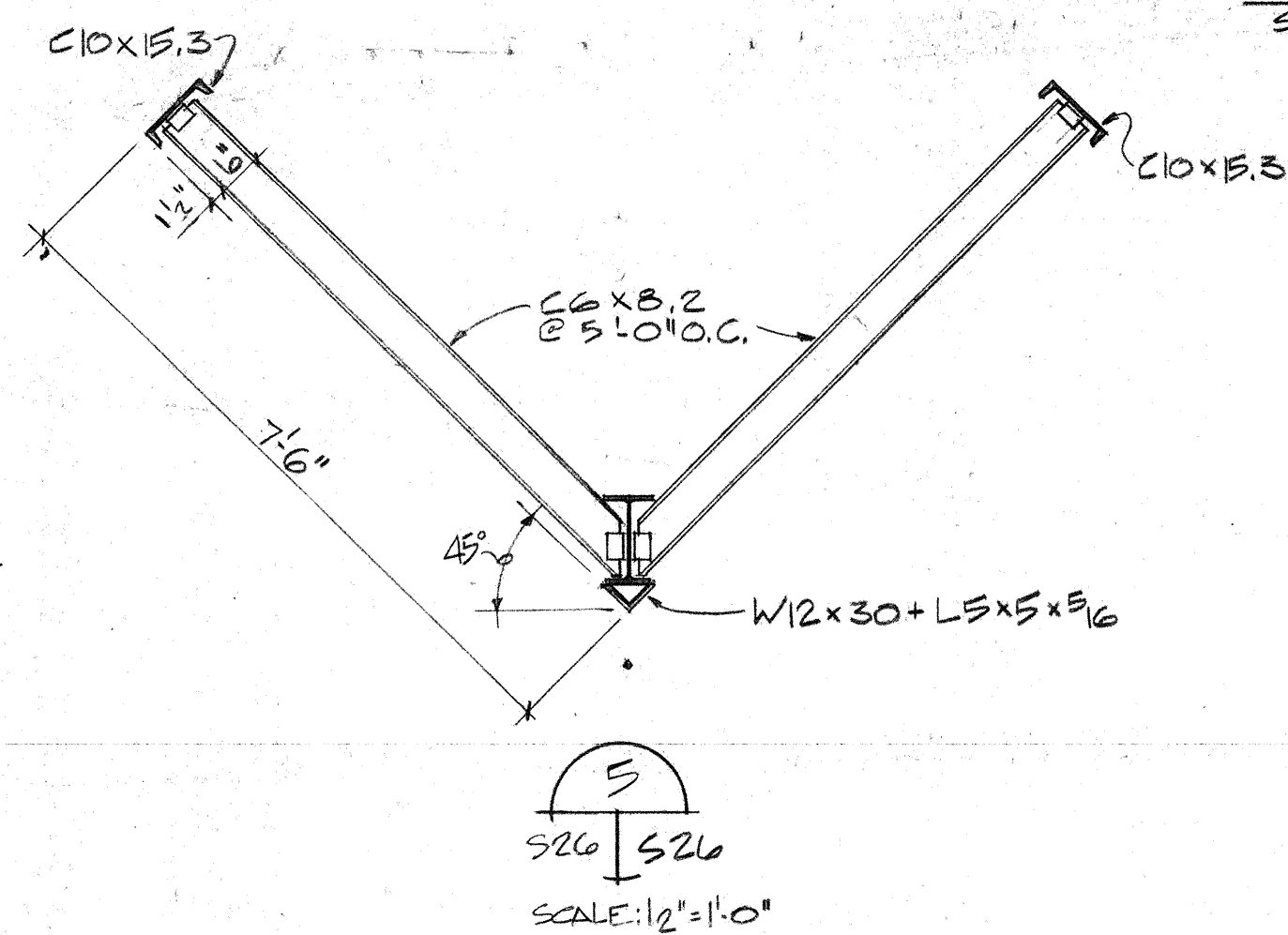


STAGE HOUSE NORTH ELEVATION C LINE (K)
SCALE: 1/8" = 1'-0"

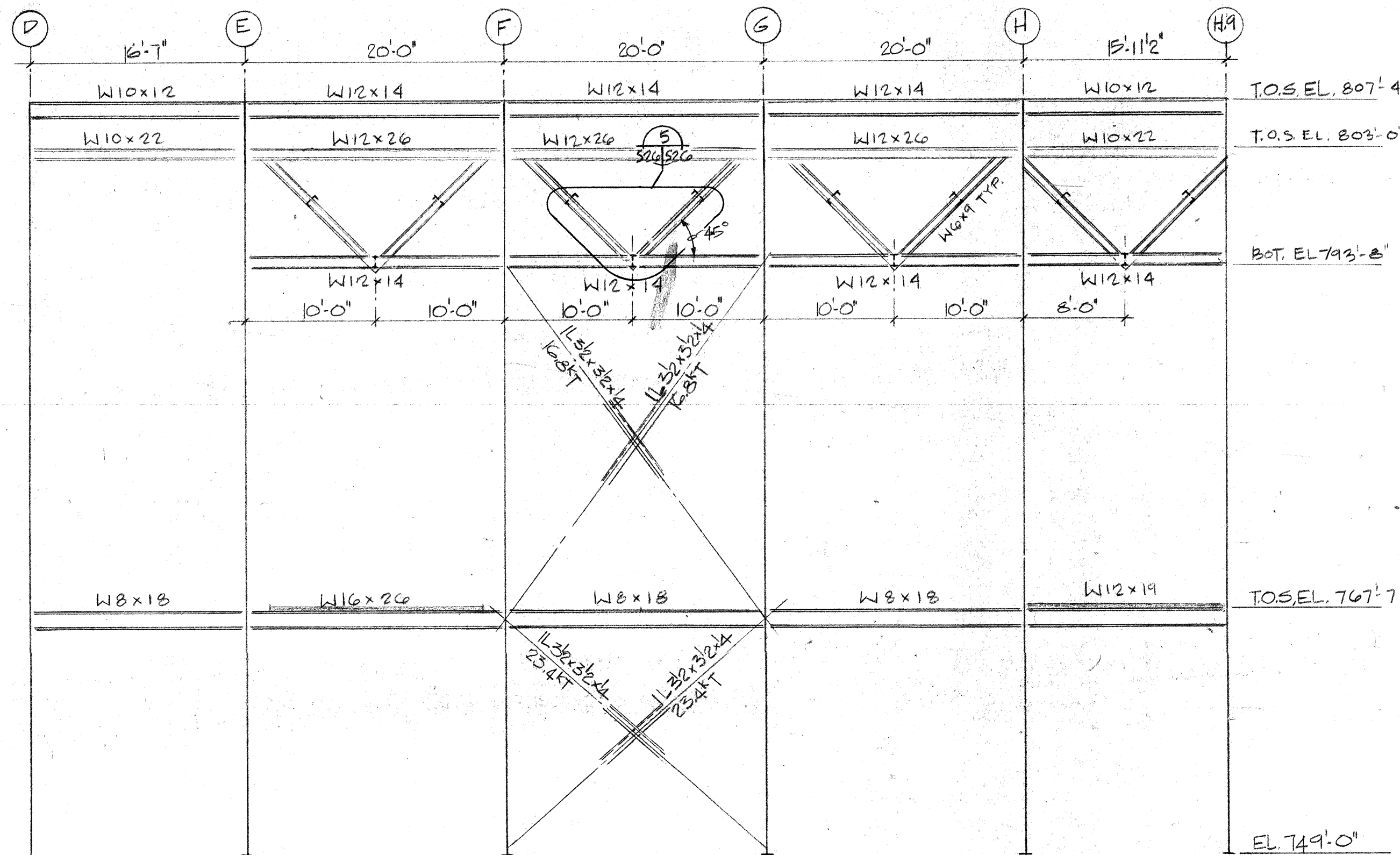
STAGE HOUSE SOUTH ELEVATION C LINE (B) & (17)
SCALE: 1/8" = 1'-0"



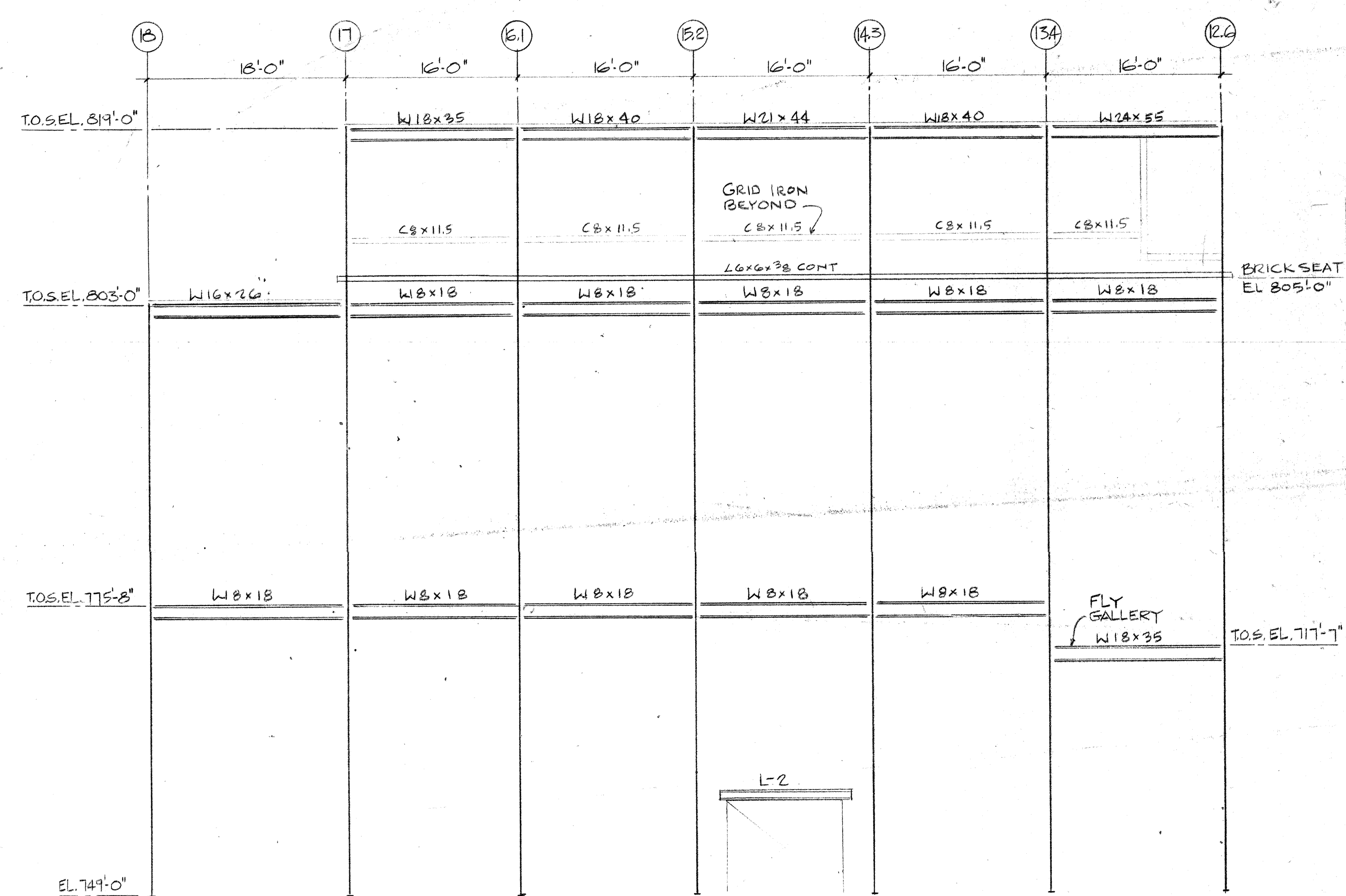
STAGE HOUSE WEST ELEVATION C LINE (K)
SCALE: 1/8" = 1'-0"



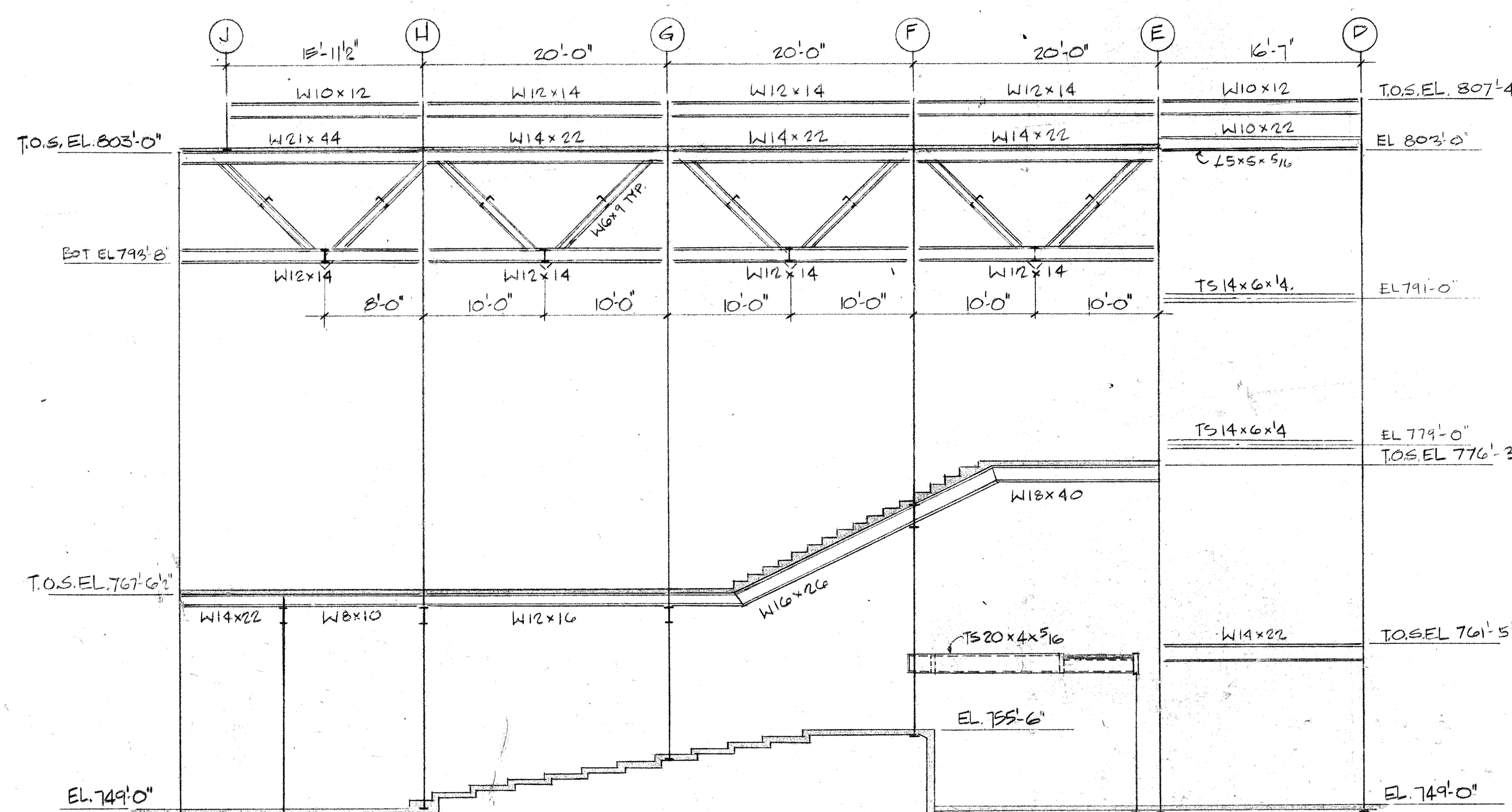
SCALE: 1/2" = 1'-0"



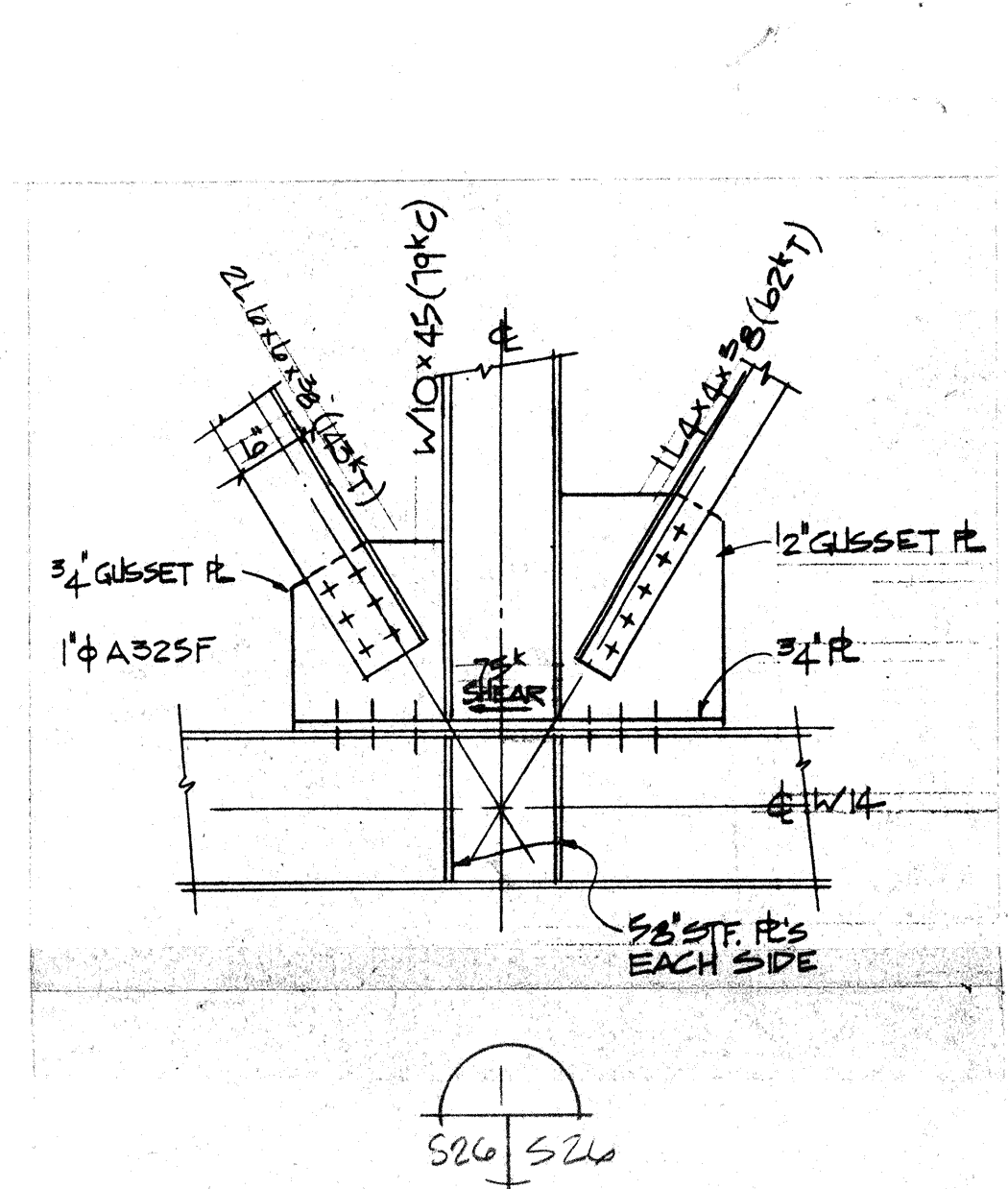
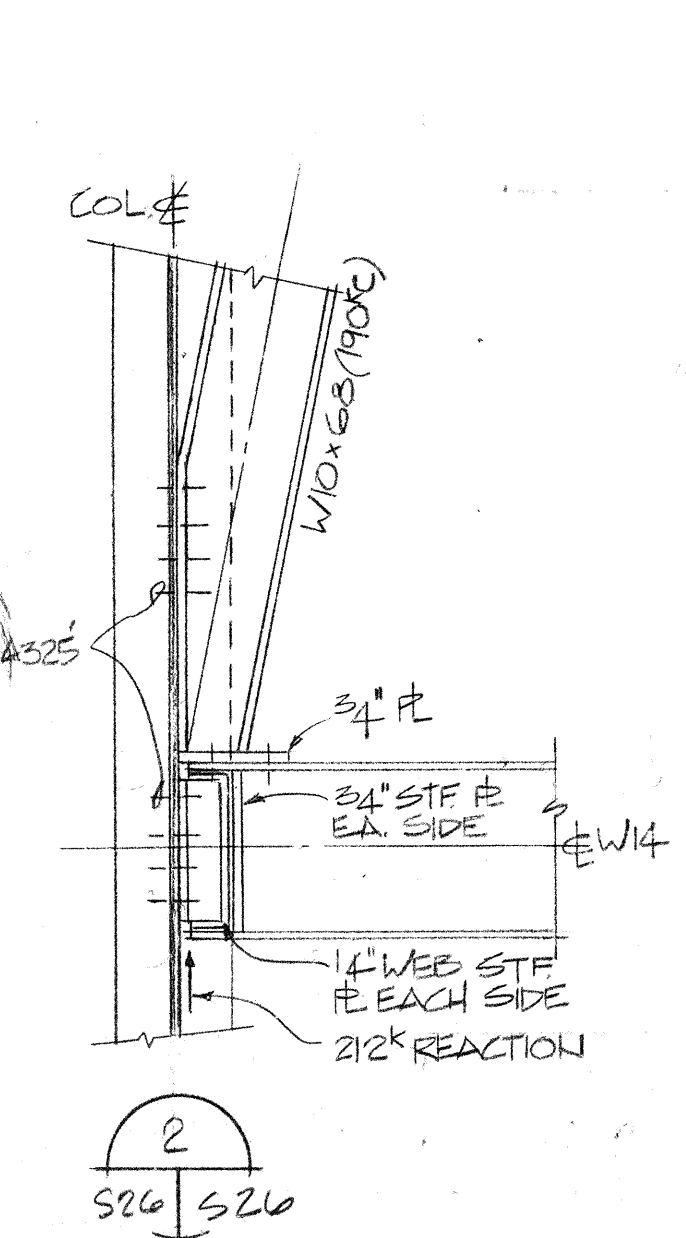
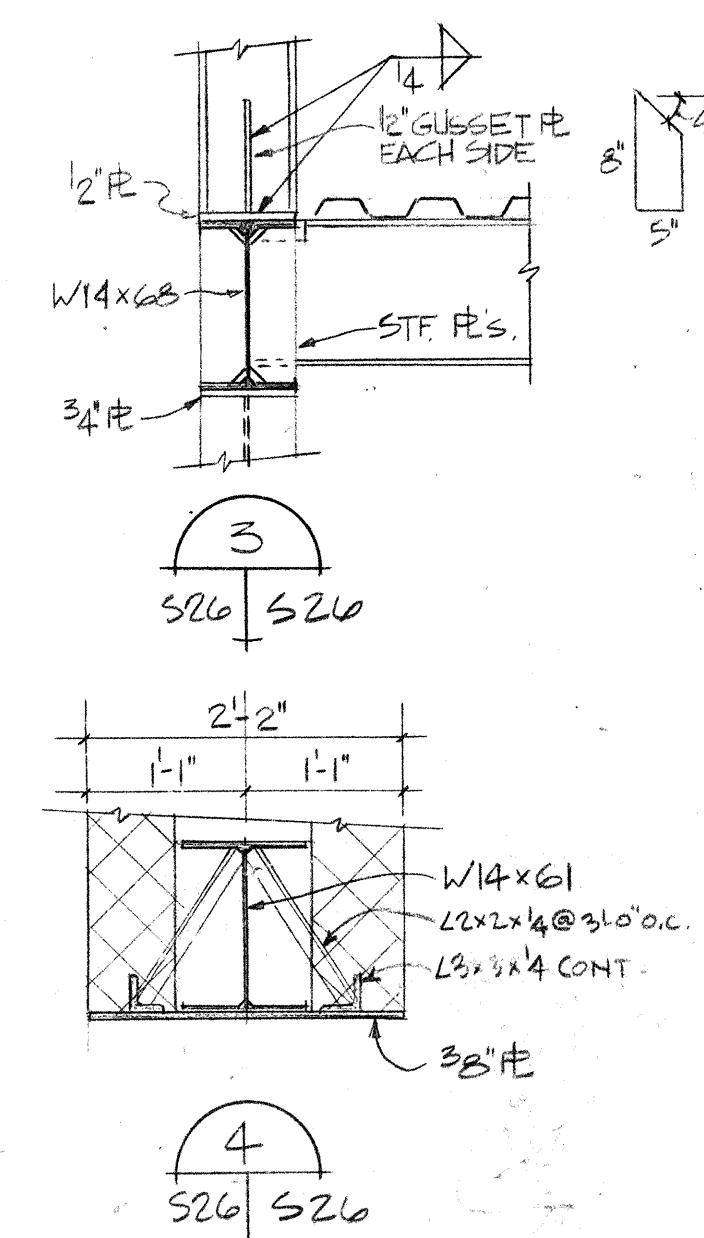
LOBBY ELEVATION C LINE (19) LOOKING NORTH
SCALE: 1/8" = 1'-0"

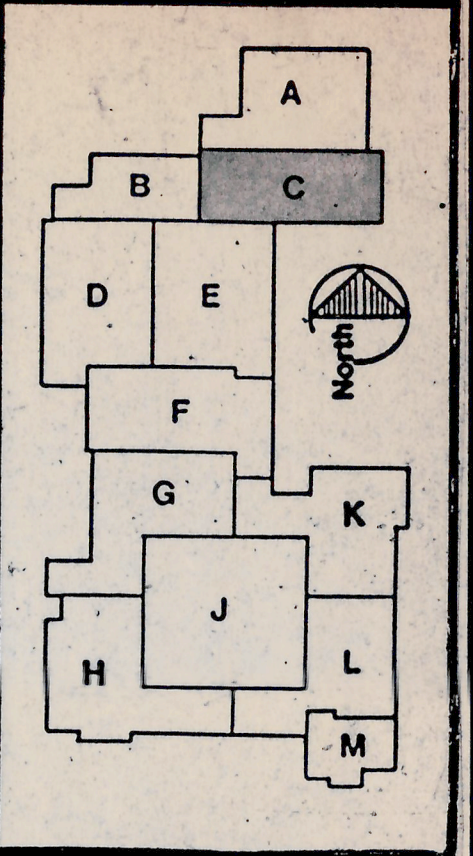


STAGE HOUSE EAST ELEVATION C LINE (M)
SCALE: 1/8" = 1'-0"



LOBBY ELEVATION C LINE (17) LOOKING SOUTH
SCALE: 1/8" = 1'-0"



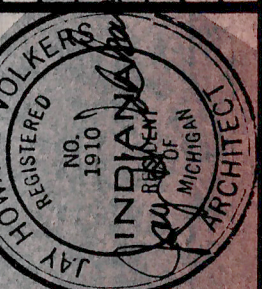


Daverman/HMFH
Associated Architects & Engineers

800 West 10th Street
Indianapolis, Indiana 46203-3004
Telephone: (317) 455-3000

DR. SAE
TR
CK
APP
IN CHARGE

REVISIONS
DATE
BY
REASON

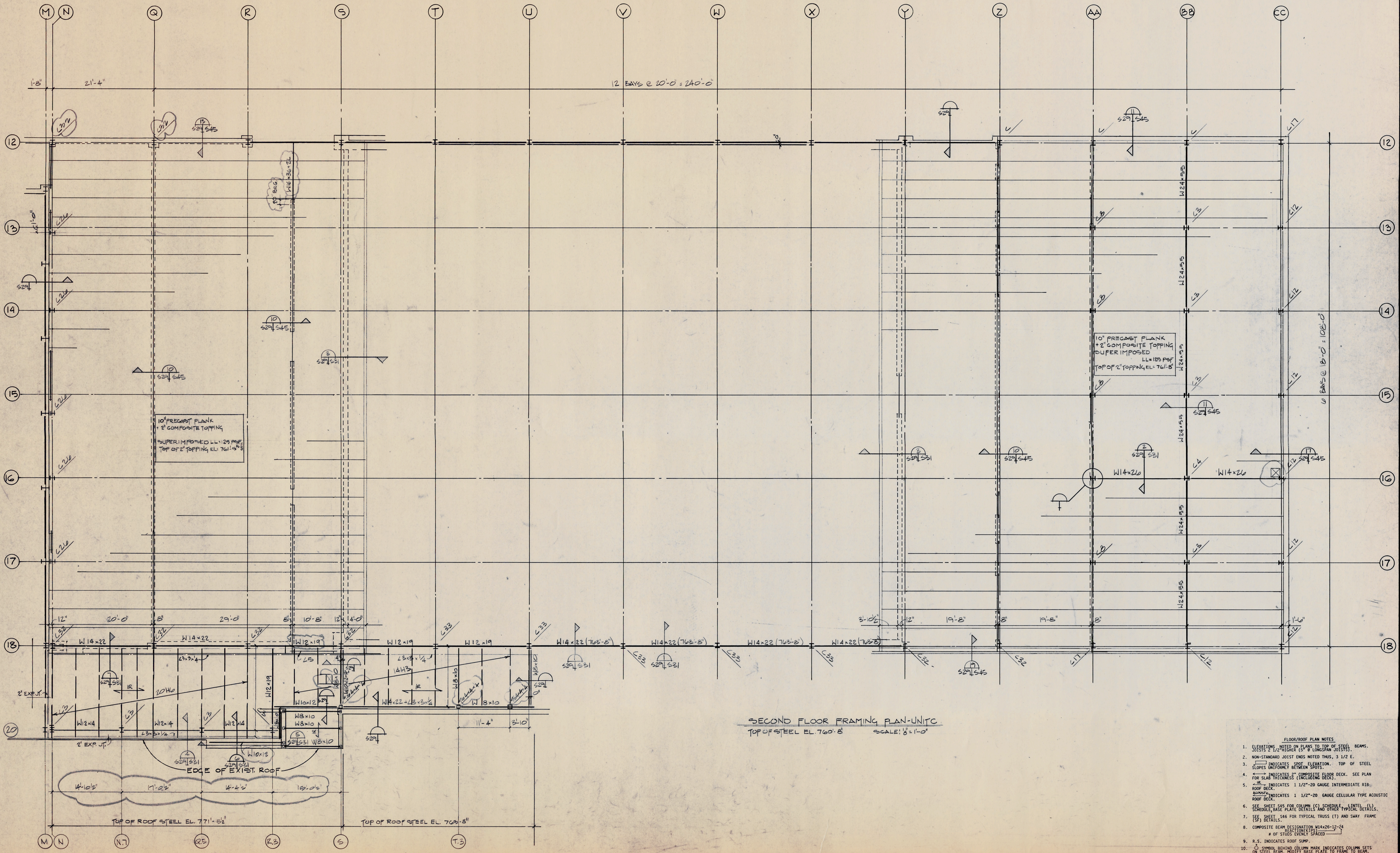


Second Floor Framing Plan - Unit C

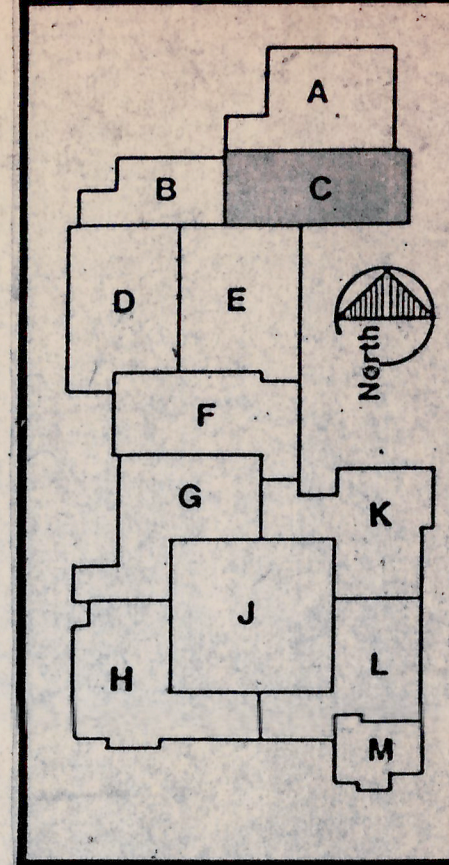
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

S29

M5086.03

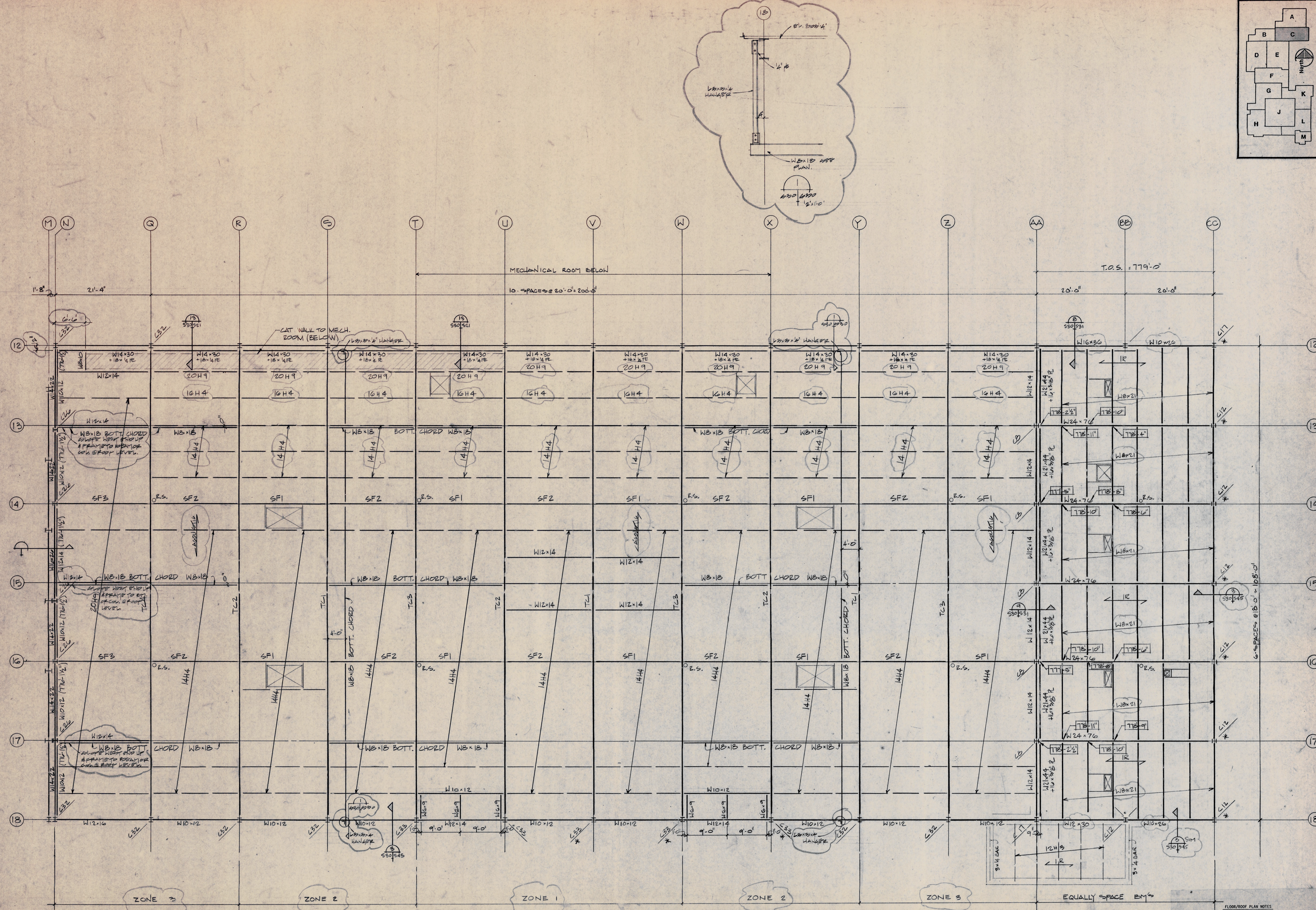


- FLOOR/ROOF PLAN NOTES
1. ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2 1/2" DEEP (3" IF LONGSPAN JOIST).
 2. NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 3. [Symbol] INDICATES SPOT ELEVATION. TOP OF STEEL SLOPED UNIFORMITY BETWEEN SPOTS.
 4. [Symbol] INDICATES 2" COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 5. [Symbol] INDICATES 1 1/2" 20 GAUGE INTERMEDIATE RIB. ROOF DECK. [Symbol] INDICATES 1 1/2" 20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 6. SEE SHEET S45 FOR COLUMN (C) SCHEDULE. [Symbol] SCHEDULE UNIFORM PLATE DETAILS AND OTHER TYPICAL DETAILS.
 7. SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SWAY FRAME (SF) DETAILS.
 8. COMPOSITE BEAM DESIGNATION M14x26-12-24. [Symbol] INDICATES 12" 20 GAUGE INTERMEDIATE RIB. [Symbol] INDICATES 12" 20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 9. R.S. INDICATES ROOF SUMP.
 10. [Symbol] SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. NOTE: BASE PLATE TO FRAME TO BEAM.



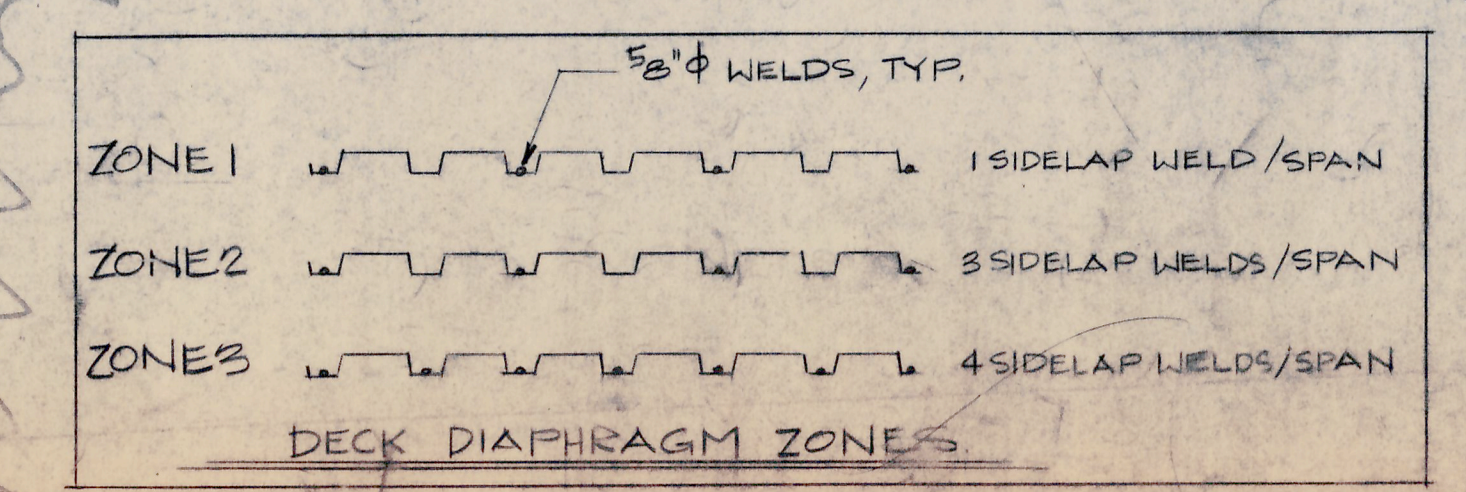
Daverman/HMFH
Associated Architects & Engineers

220 Main, NW
Washington, DC 20004-3944
Telephone: (202) 455-5500



ROOF FRAMING PLAN - UNIT C
TOP OF STEEL EL. 803'-11 1/2" SCALE: 1/8" = 1'-0"

NOTE: * BEACE COLUMN MARKED W/ASTERISK AS SHOWN IN DETAIL



- FLOOR/ROOF PLAN NOTES**
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2" THICKNESS (3" LONGSPAN JOISTS).
 - NON-STANDARD JOIST ENDS NOTED THUS: 3 1/2" E.
 - INDICATES SPOT ELEVATION. TOP OF STEEL BEAMS UNIFORM BETWEEN SPOTS.
 - INDICATES 2" COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 - INDICATES 1 1/2" GAUGE INTERMEDIATE RIB ROOF DECK.
 - INDICATES 1 1/2" GAUGE GREENGLASS-FREE ACOUSTIC ROOF DECK.
 - SEE SHEET S45 FOR COLUMN (C) SCHEDULE. (SEE S45 FOR SCHEDULE BASE PLATE DETAILS AND OTHER TYPICAL DETAILS).
 - SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SWAY FRAME (SF) DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x20-12-24. # OF STUD CHAINS SPACED.
 - R.S. INDICATES ROOF SUMP.
 - CIRCLE SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.

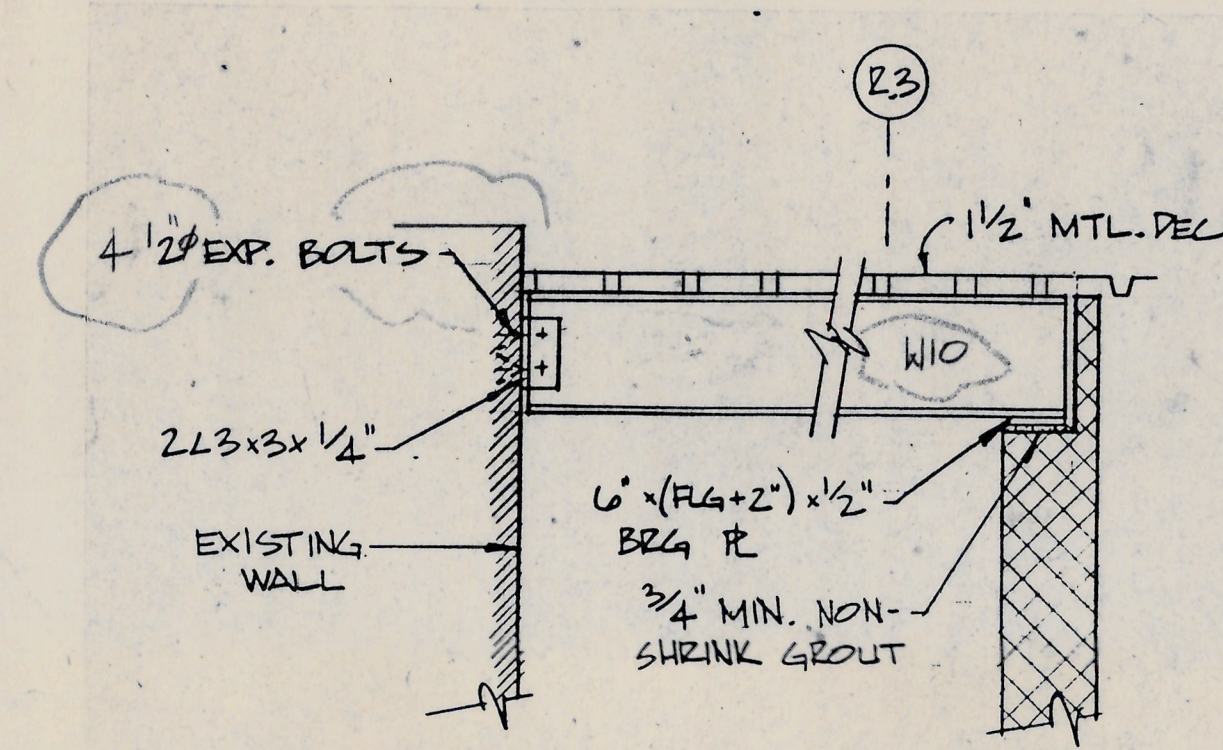
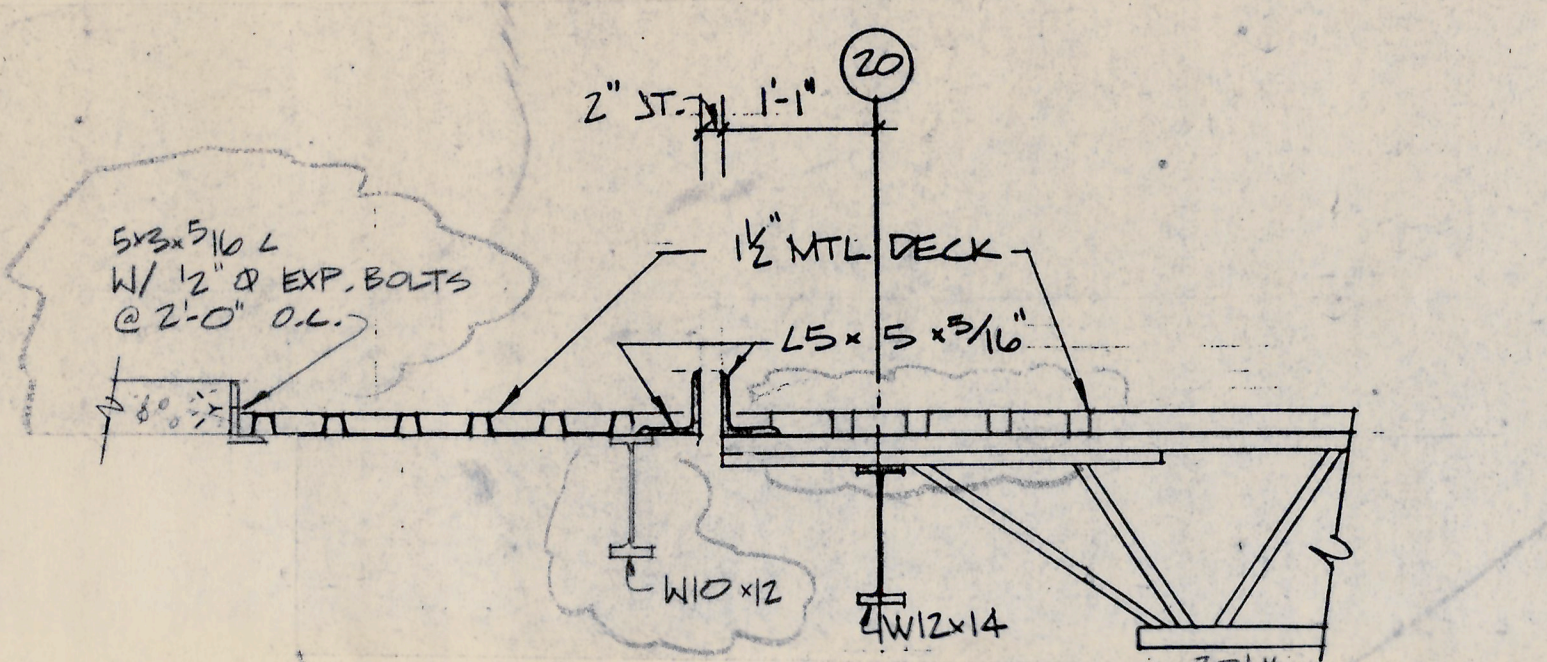
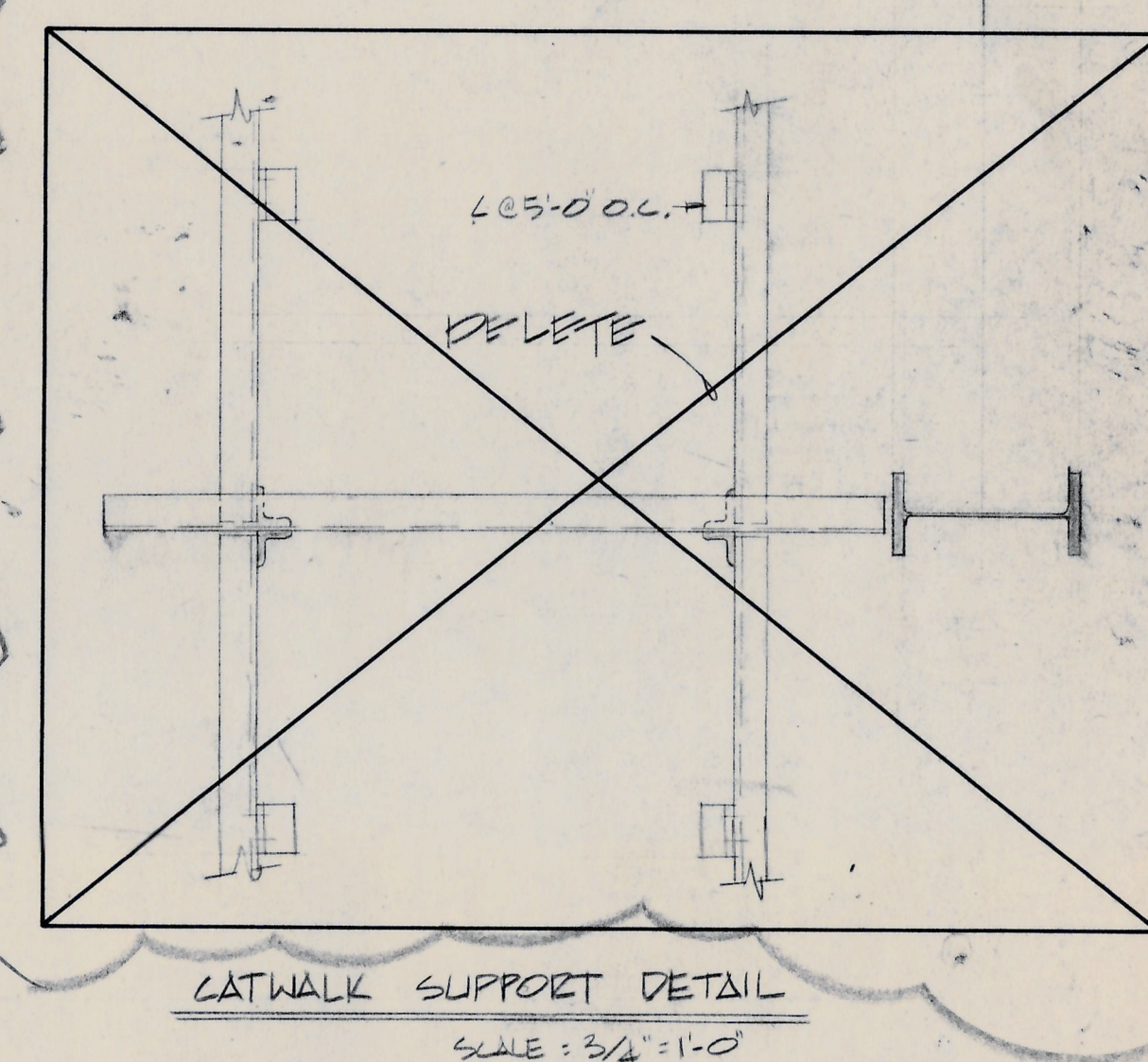
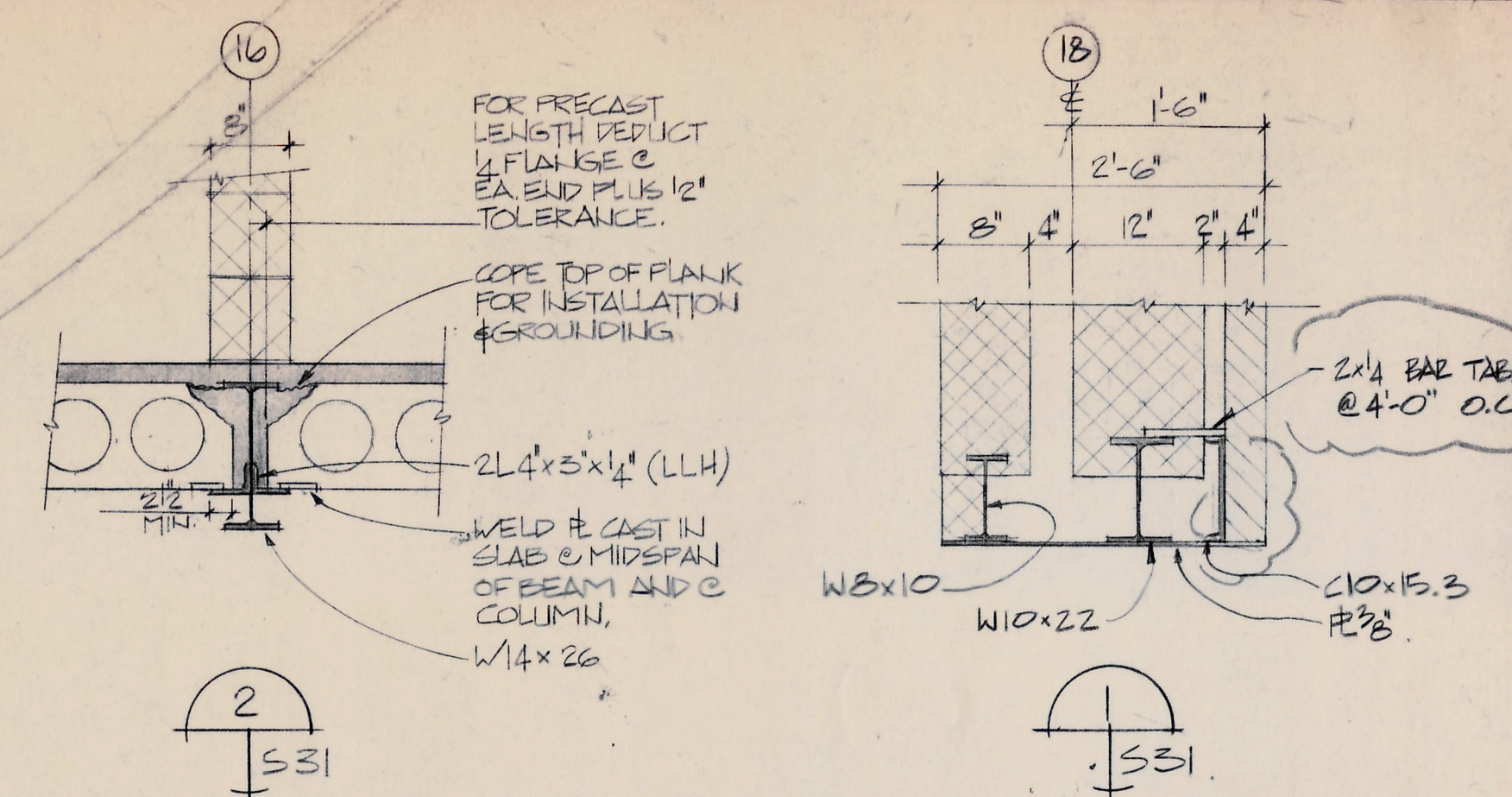
DATE	BY	CHK	APP	IN CHARGE
2-1-85	BDE	CONSTRUCTION		
5-12-87	SEE CONTRACT	PULL FIA		



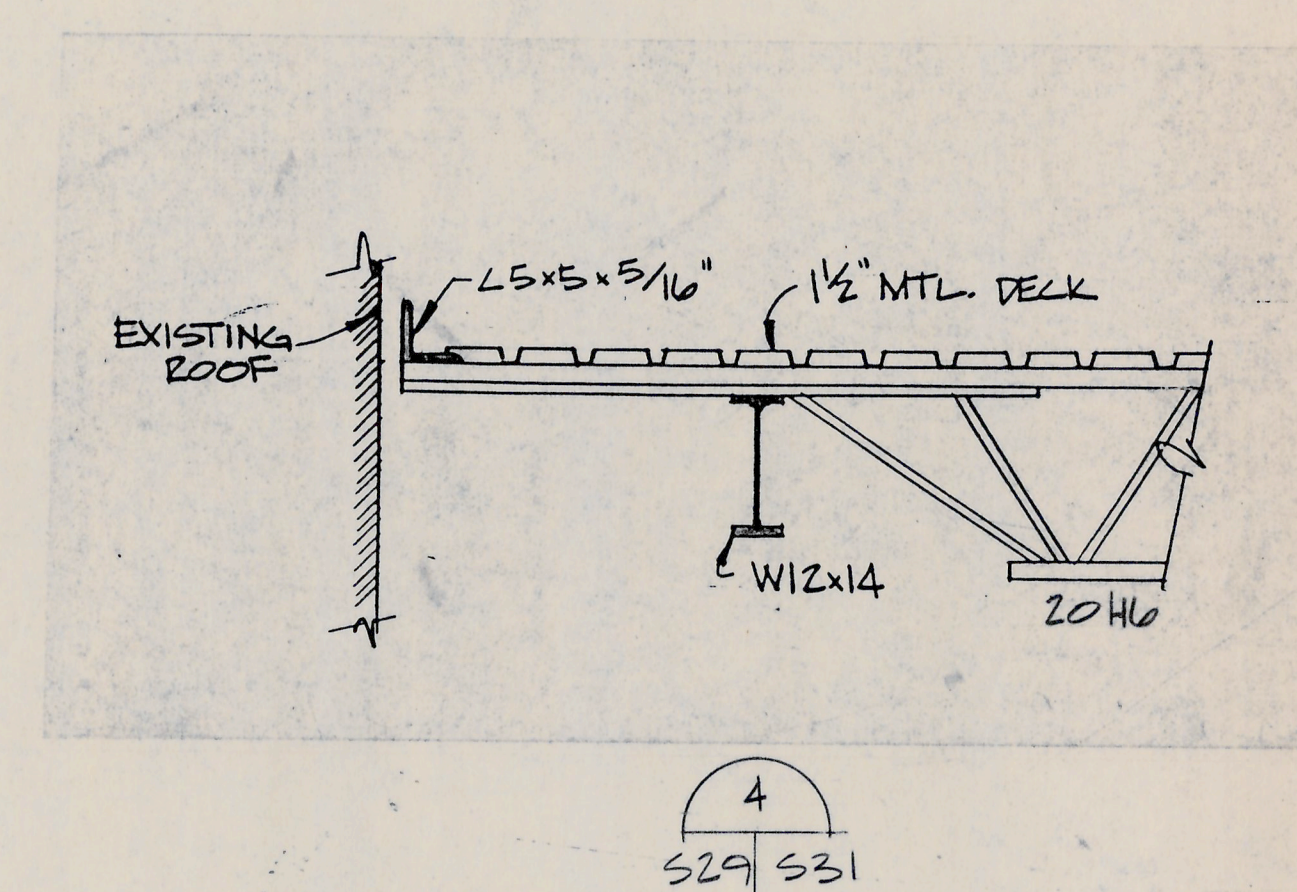
Roof Framing Plan - Unit C

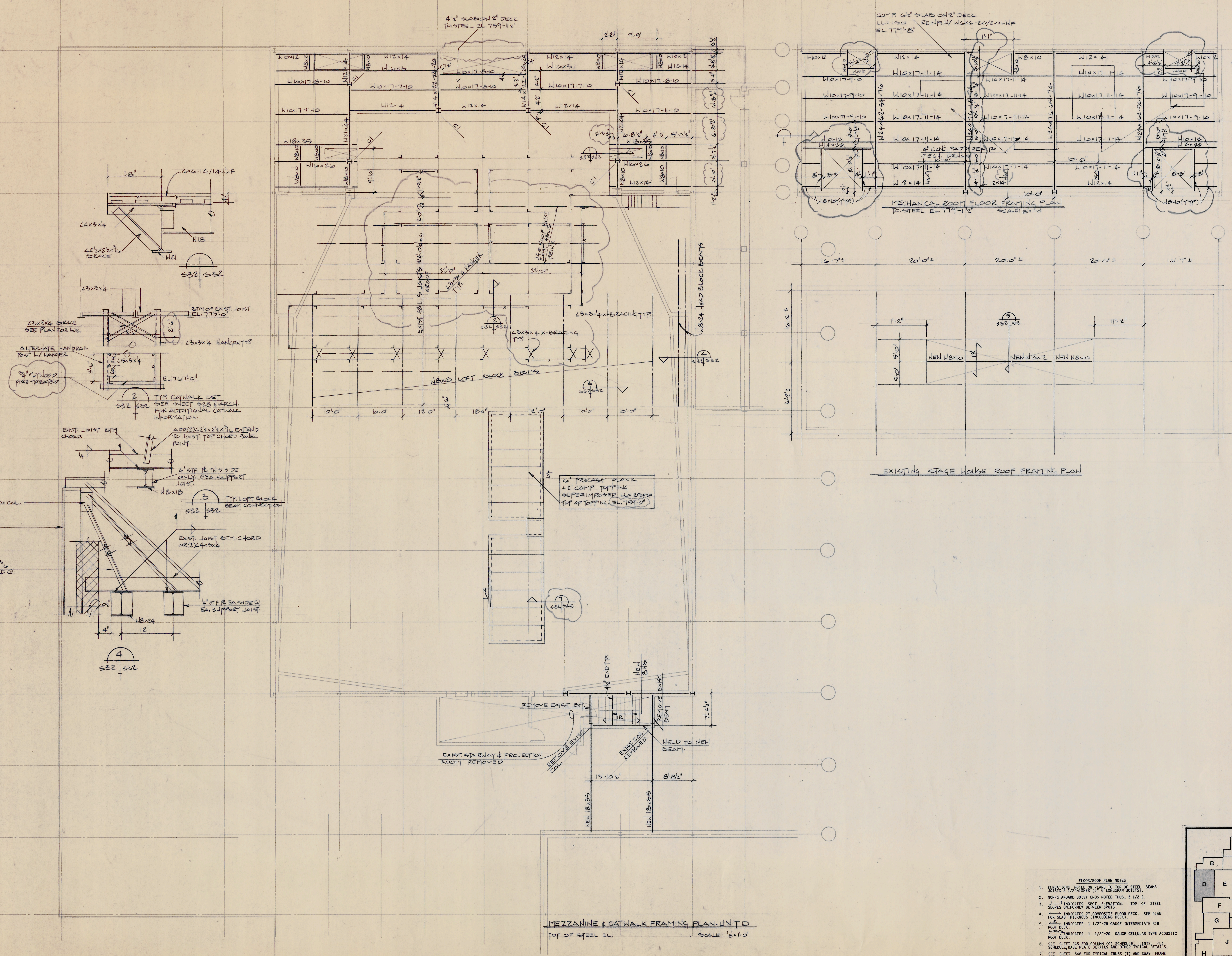
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Drawing Number
S30
M5086.03

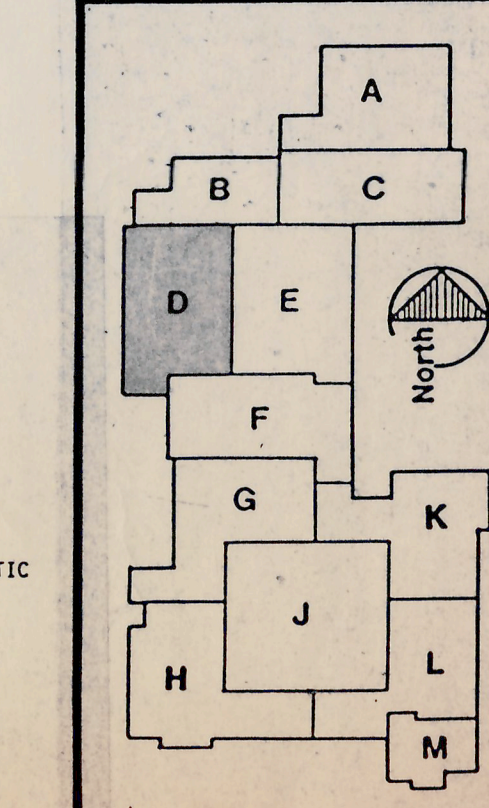


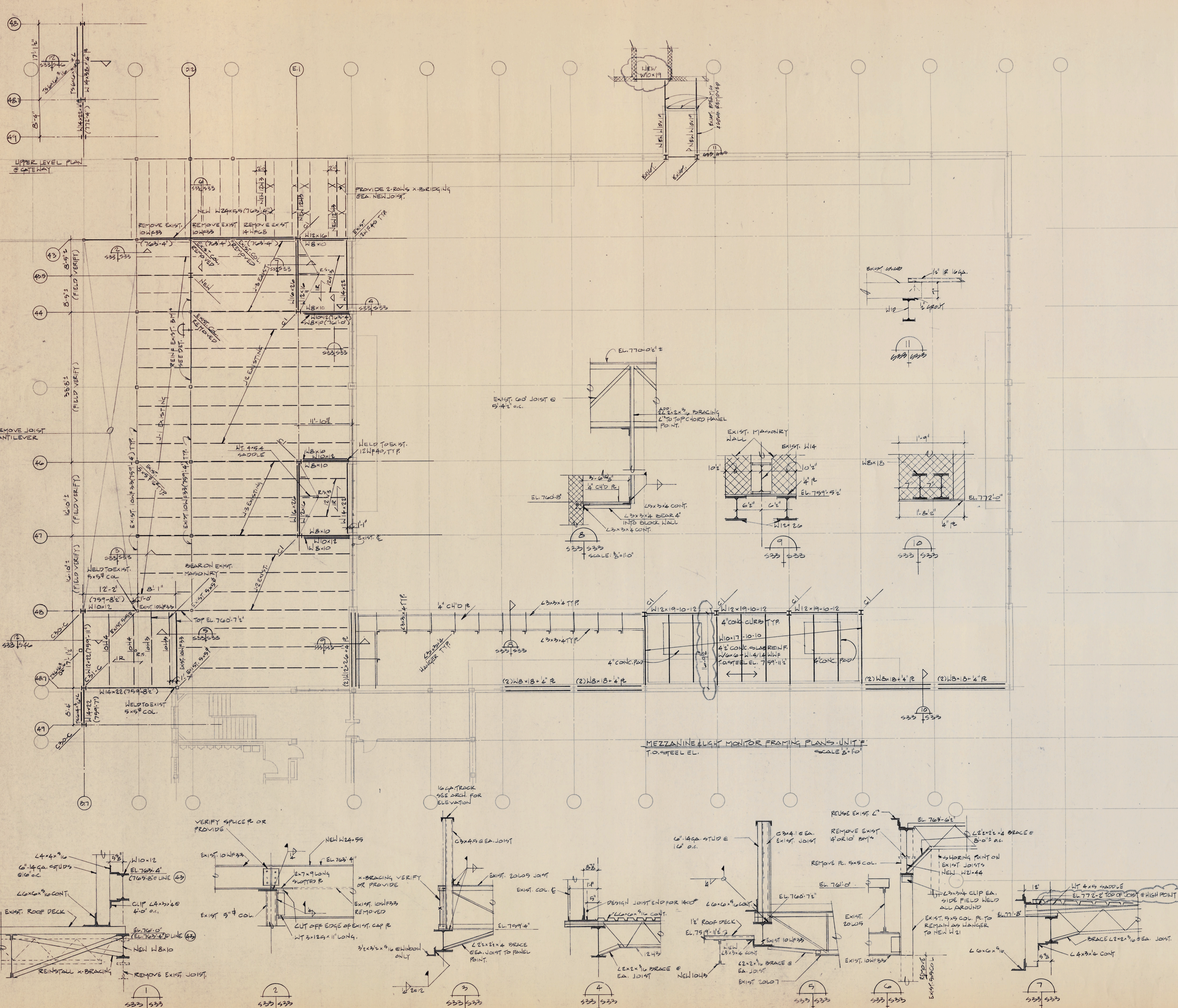
CATWALK SUPPORT DETAIL
SCALE: $3/4" = 1'-0"$





- FLOOR/ROOF PLAN NOTES
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 1/2" HIGHER (5" W LONGSPAN JOISTS).
 - NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" L.
 - INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORMITY BETWEEN SPOTS.
 - INDICATES COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (ENCLOSURE DECK).
 - INDICATES 1 1/2" - 20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - INDICATES 1 1/2" - 20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 - SEE SHEET S45 FOR COLUMN (C) SCHEDULE, L INTEL SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SWAY FRAME (SF) DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x26-12-24 # OF STOPS EVENLY SPACED
 - R.S. INDICATES ROOF SUMP
 - SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.





- FLOOR/ROOF PLAN NOTES:
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2" HIGHER (5" LONGSPAN JOISTS).
 - NON-STANDARD JOIST ENDS NOTED THUS: 3 1/2" L.
 - INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORM BETWEEN SPOTS.
 - INDICATES 4" COMPOSITE SLAB THICKNESS (INCLUDING DECK). SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 - INDICATES 1 1/2" - 20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - SEE SHEET 345 FOR COLUMN (C) SCHEDULE, LINTEL SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - SEE SHEET 346 FOR TYPICAL TRUSS (T) AND SHAY FRAME DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x26-12-24 # OF STUDS EVENLY SPACED
 - R.S. INDICATES ROOF SUMP
 - SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.

Roof Framing Plan - Unit F

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

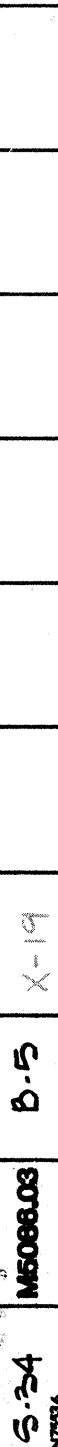
Drawing Number
S33
M5086.03

DR	CHK	APP	IN CHARGE
DR	CHK	APP	IN CHARGE
TR	TR	TR	TR
APP	APP	APP	APP
IN CHARGE	IN CHARGE	IN CHARGE	IN CHARGE

Daverman/HMPH
Associated Architects & Engineers

83 E. 10th, N.W.
Grand Rapids, Michigan 49503-3014
Telephone (616) 454-0000

Site Map



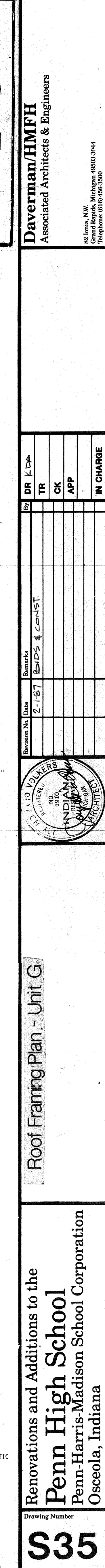
-

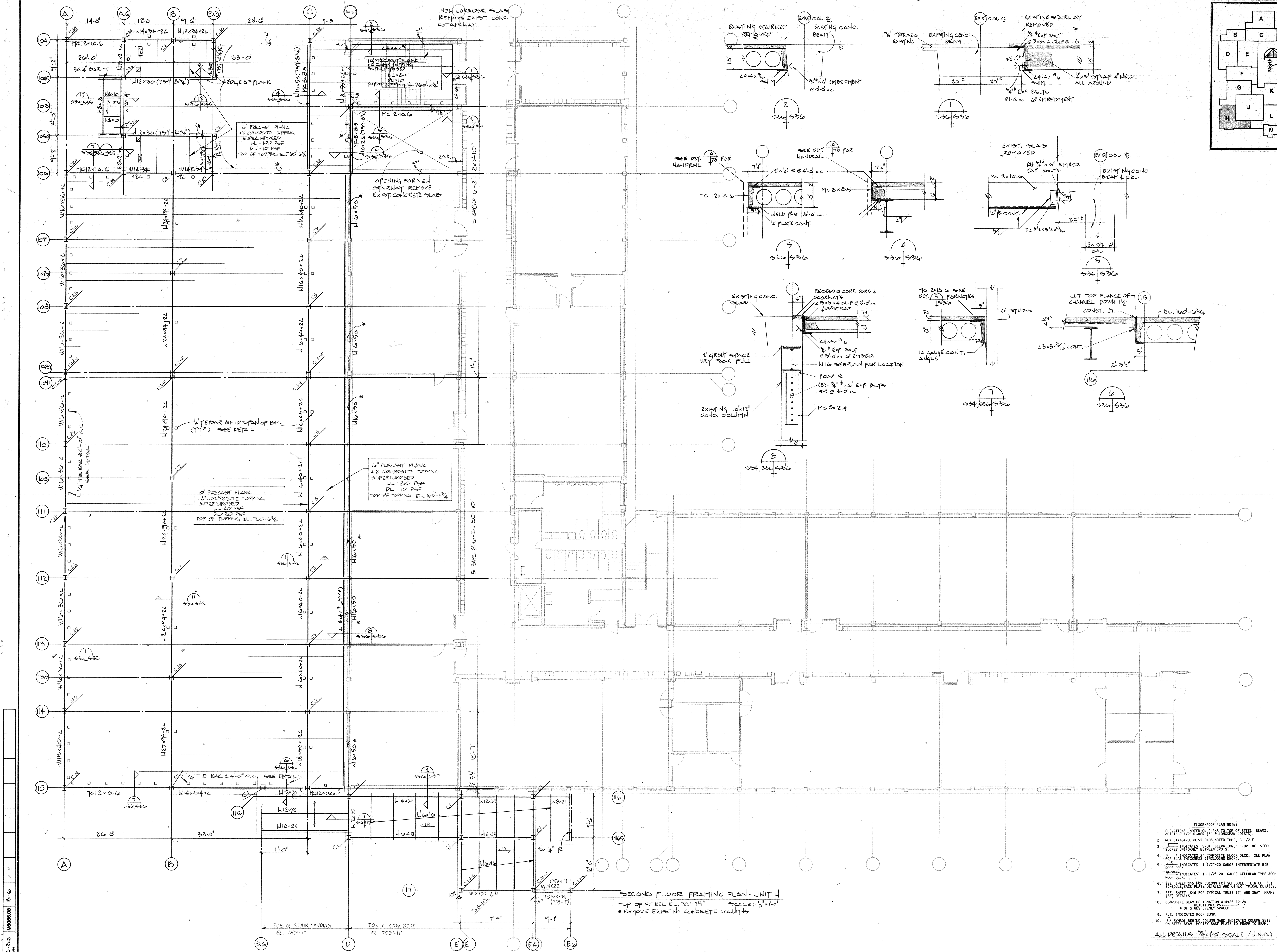
M5086.03

Revision No.	Date	Remarks	By	
	2-187	EDPS & CONST.		DR K.D.A.
				TR
				CK
				APP
				IN CHARGE

Daverman/HMFH
Associated Architects & Engineers

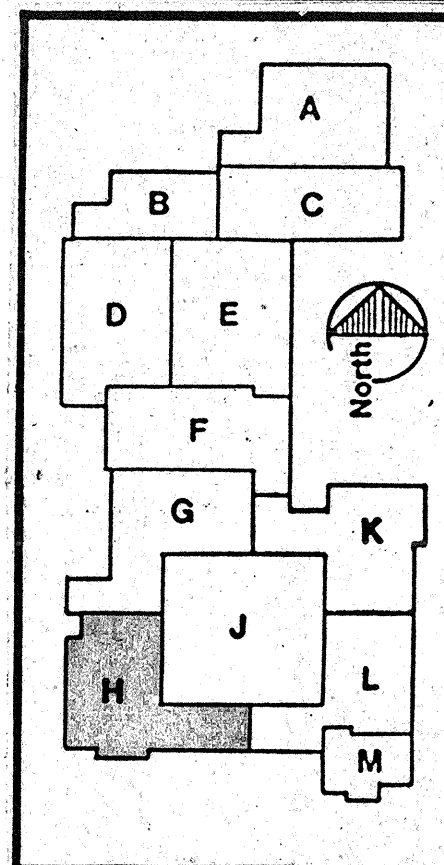
82 Ionia, N.W.
Grand Rapids, Michigan 49503-3044
Telephone: (616) 456-3500





- FLOOR/ROOF PLAN NOTES
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS.
 - JOISTS 2" 1/2" HIGHER (3" IF LONGSPAN JOISTS).
 - NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 - INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORM BETWEEN SPOTS.
 - FOR SLAB THICKNESS (INCLUDING DECK). SEE PLAN FOR TYPICAL TRUSS (T) AND SHAY FRAME (SF) DETAILS.
 - INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - INDICATES 1 1/2"-20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 - SEE SHEET 345 FOR COLUMN (C) SCHEDULE, (L) L, (LL) SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x26-12-24
 - OF STUDS, UNLESS SHOWN OTHERWISE.
 - R.S. INDICATES ROOF SUMP.
 - SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.
- ALL DETAILS 3/8" = 1'-0" SCALE (U.N.O.)

SECOND FLOOR FRAMING PLAN - UNIT H
TOP OF STEEL EL. 700'-4 1/4"
SCALE: 1/8" = 1'-0"
* REMOVE EXISTING CONCRETE COLUMNS.



Daverman/HMFH
Associated Architects & Engineers

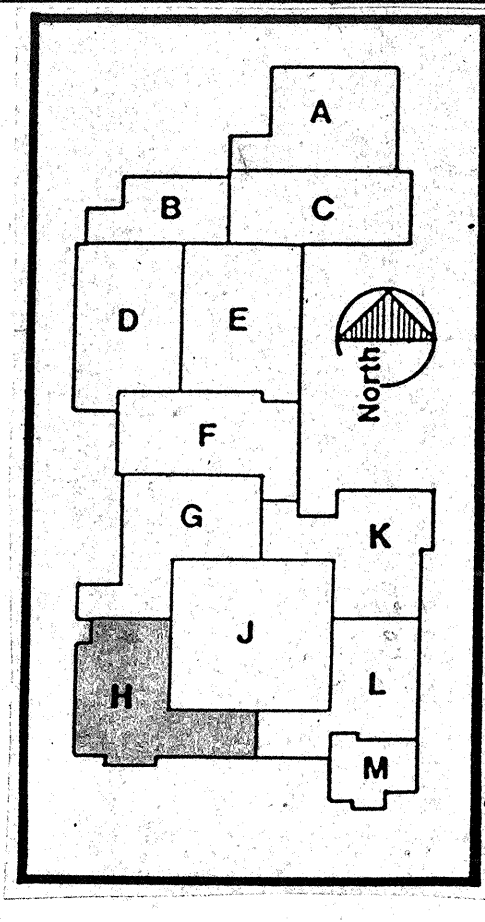
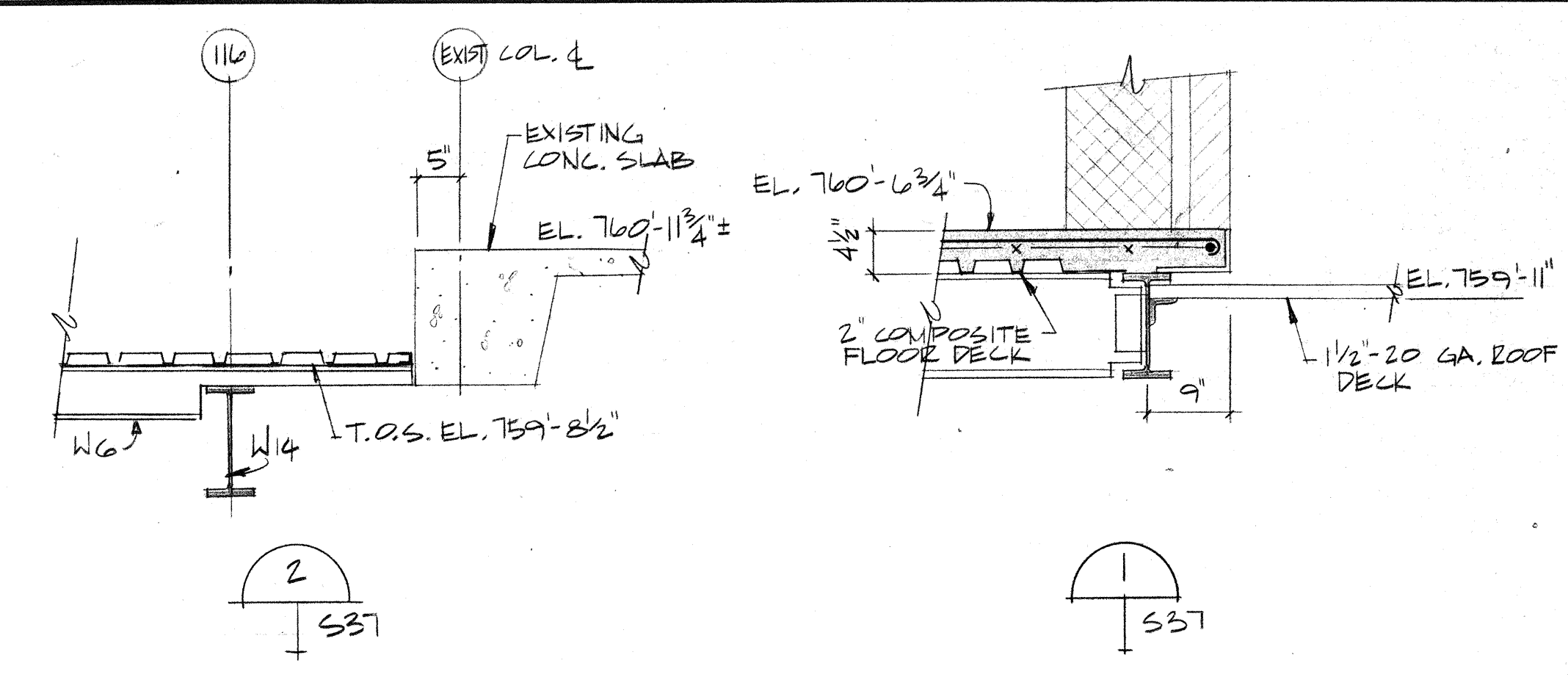
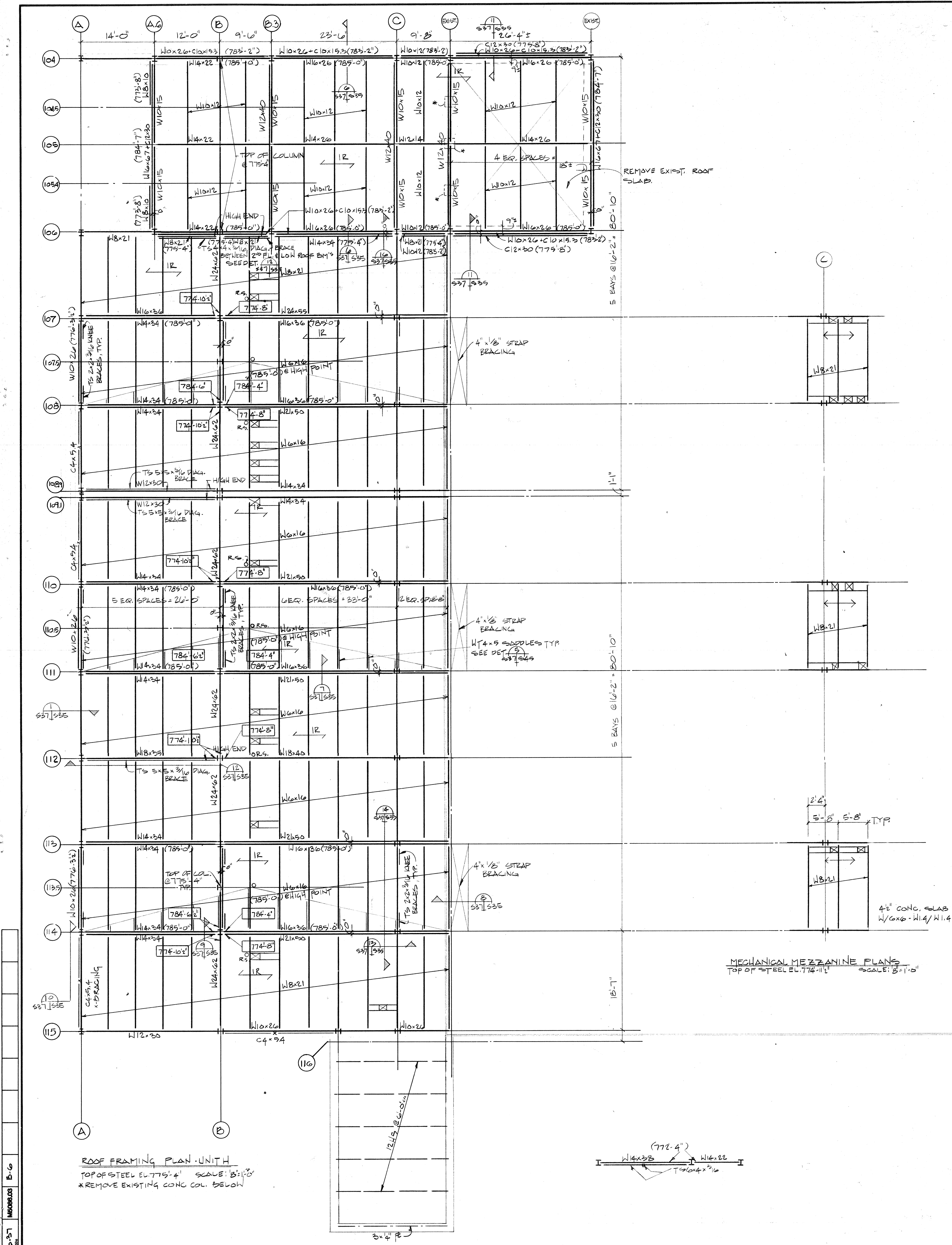
20 East, NW
Grand Rapids, Michigan 49503-3044
Telephone: (616) 468-5500

DR	CD	TR	CK	APP	IN CHARGE
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Second Floor Framing Plan - Unit H

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

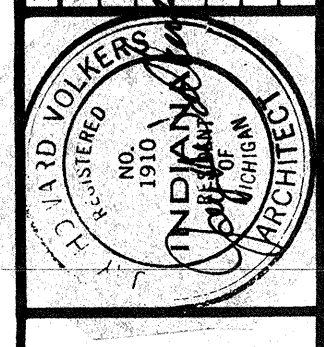
Drawing Number
S336
M5086.03



Daverman/HMFH
Associated Architects & Engineers
1000 N. Main St., Suite 200
Indianapolis, IN 46204-3044
Telephone: (317) 635-5500

DR	TR	CK	APP	IN CHARGE

Revision No.	Date	Remarks
1	2-1-87	Revised & Corrected



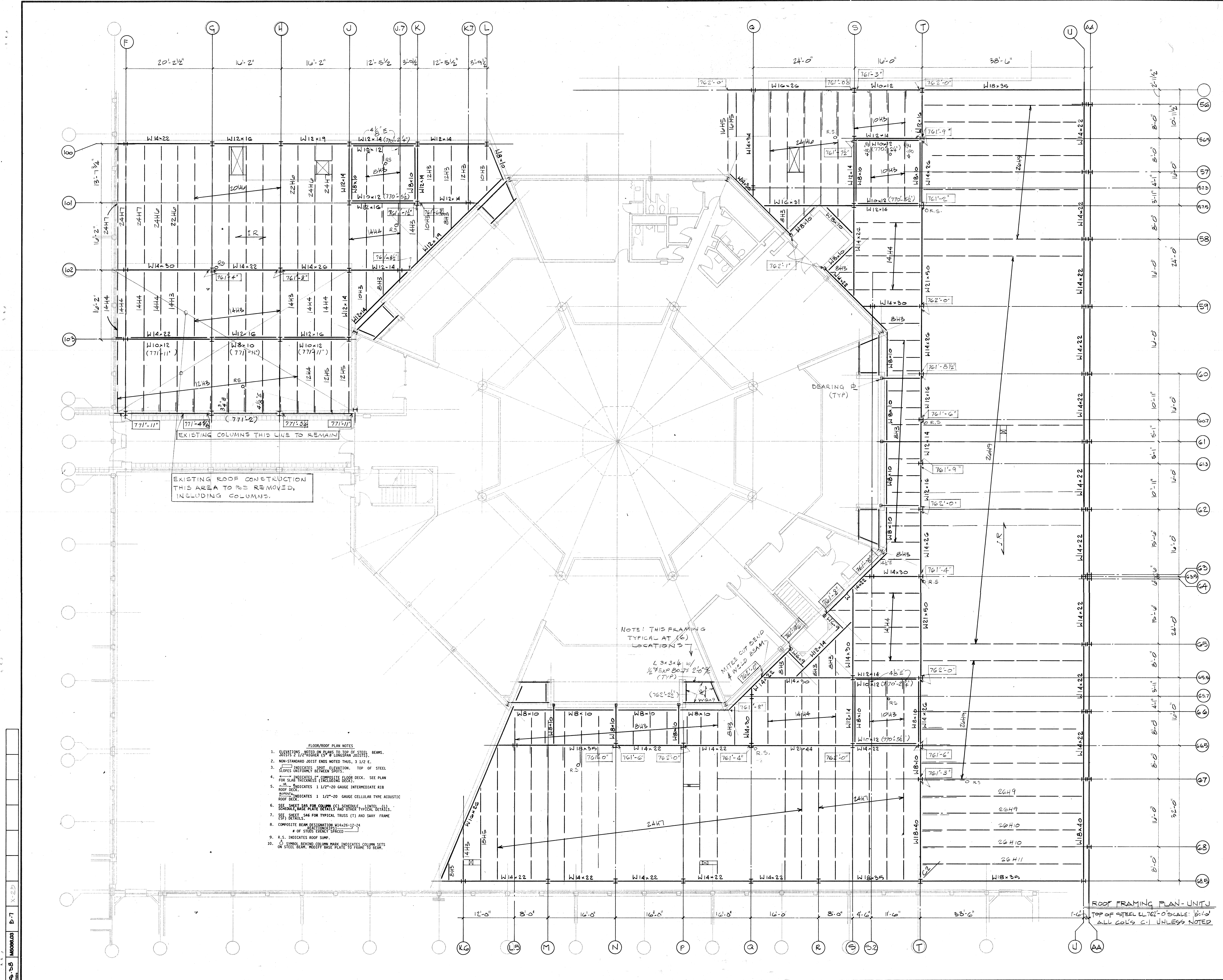
Roof Framing Plan - Unit H

Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

S37

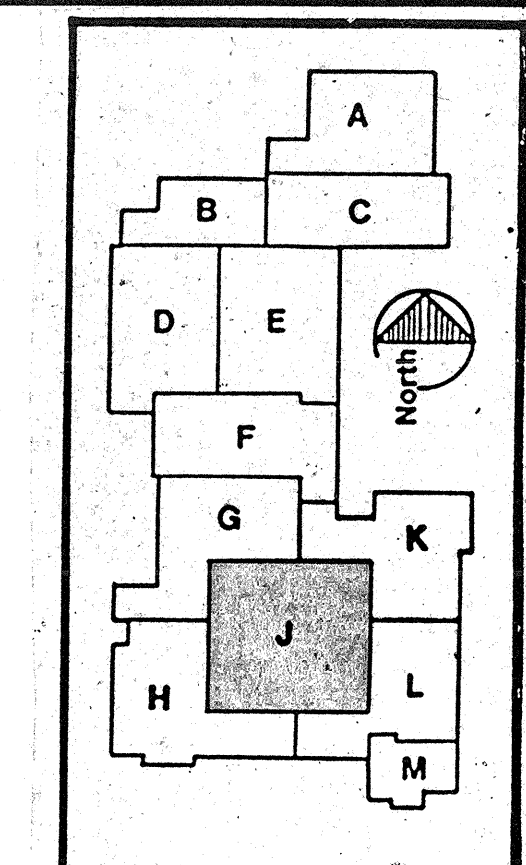
M5086.03

- FLOOR/ROOF PLAN NOTES
1. ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2" 1/2" HIGHER (3" 8" LONGSPAN JOISTS).
 2. NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 3. "J" INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORMLY BETWEEN SPOTS.
 4. "C" INDICATES COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 5. "R" INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 6. "R.S." INDICATES 1 1/2"-20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 7. SEE SHEET S45 FOR COLUMN (C) SCHEDULE, LINTEL (L) SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 8. SHEET S46 FOR TYPICAL TRUSS (T) AND SHAY FRAME (SF) DETAILS.
 9. R.S. INDICATES ROOF SHAP.
 10. "O" SYMBOL, BEHIND COLUMN MARK, INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.



5-38 M05086.03 B-7 X-22

- FLOOR/ROOF PLAN NOTES
1. ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2 1/2" MINIMUM (1" IF LONGSPAN JOISTS).
 2. NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 3. [Symbol] INDICATES SPAT ELEVATION. TOP OF STEEL SLOPES ONLY. [Symbol] BETWEEN SPACES.
 4. [Symbol] INDICATES 8" COMPOSITE FLOOR DECK. SEE PLAN FOR OLD DIMENSIONS (INCLUDING DECK).
 5. [Symbol] INDICATES 1 1/2" 20 GAUGE INTERMEDIATE RIB ROOF DECK. [Symbol] INDICATES 1 1/2" 20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 6. SEE SHEET S45 FOR COLUMN (C) SCHEDULE, ELEVATIONS, BRACE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 7. SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SHAY FRAME (SF) DETAILS.
 8. COMPOSITE BEAM DESIGNATION W14x26-12-24 # OF STUDS EVENLY SPACED.
 9. R.S. INDICATES ROOF SLUMP.
 10. [Symbol] SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM. MULTIPLY BASE PLATE TO FRAME TO BEAM.



Daverman/HMFH
Associated Architects & Engineers

2800 N.W. 11th Avenue, Suite 400
Fort Lauderdale, FL 33309
(954) 561-5500

DR L.D.A.
TR
CK
APP
IN CHARGE

Revision No. 1
Date 11-1-87
By J. Condit

WARD POLYMER
NO. 100
INDIANA
ANTHONY

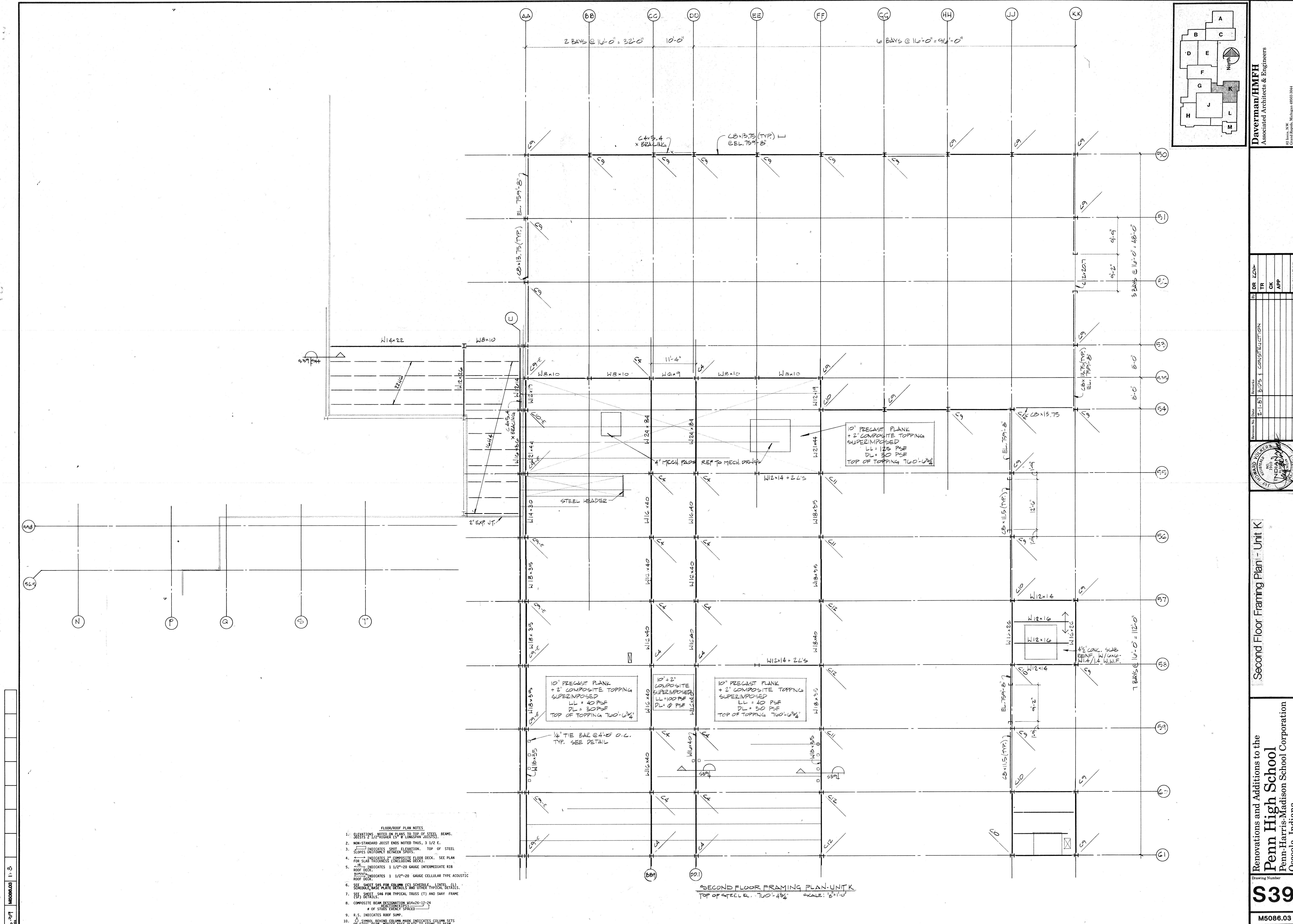
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

S38
M5086.03

Roof Framing Plan - Unit J

Roof Framing Plan - Unit J

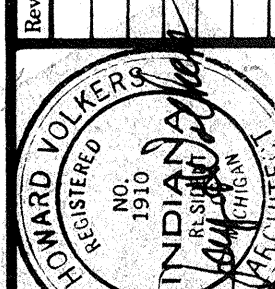
ROOF FRAMING PLAN - UNIT J
1" = 6'-0" TOP OF STEEL EL 762'-0" SCALE: 1/8" = 1'-0"
ALL COL'S C-1 UNLESS NOTED



- FLOOR/ROOF PLAN NOTES
1. ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS, JOISTS & 1/2" HIGHER (UP & LONGSPAN WELLS).
 2. NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2 E.
 3. INDICATES SPOT ELEVATION, TOP OF STEEL SLOPES UNIFORM BETWEEN SPOTS.
 4. INDICATES 2" COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 5. INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 6. INDICATES 1 1/2"-20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 7. SEE SHEET 345 FOR COLUMN (C) SCHEDULE (ENTIRE) SCHEDULE BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 8. SEE SHEET 346 FOR TYPICAL TRUSS (T) AND SHAY FRAME DETAILS.
 9. R.S. INDICATES ROOF SUMP.
 10. SYMBOL BEHIND COLUMN MARK INDICATES COLUMN SETS ON STEEL BEAM, MODIFY BASE PLATE TO FRAME TO BUSH.

DR	LD
TR	
CK	
APP	
IN CHARGE	

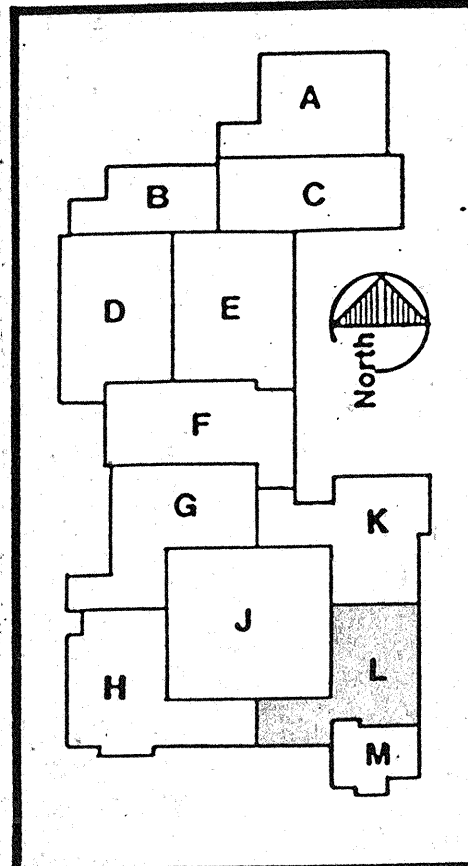
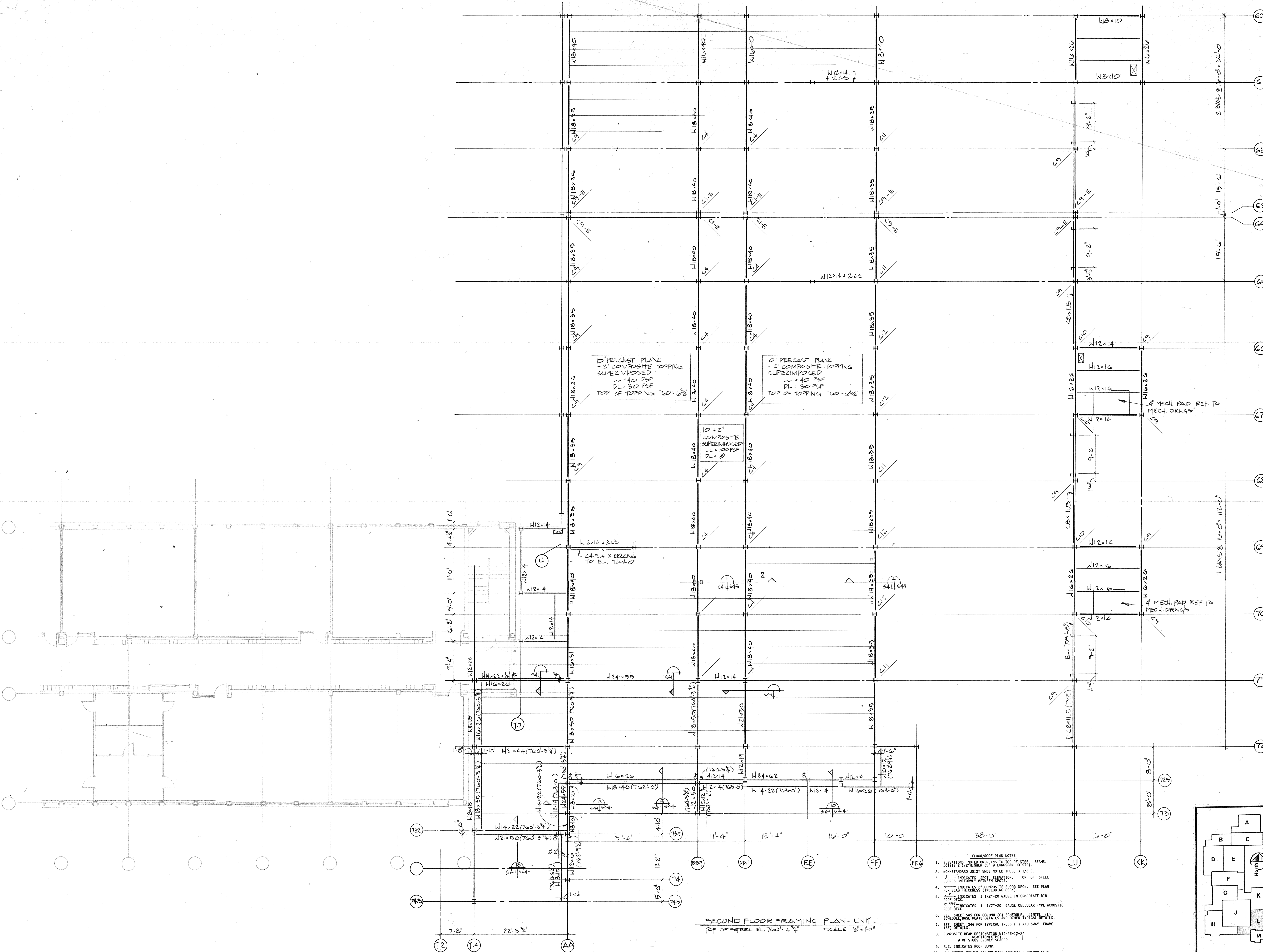
Revisions	By	Date	Remarks
1	LD	2-1-51	2/51 CONSTRUCTION



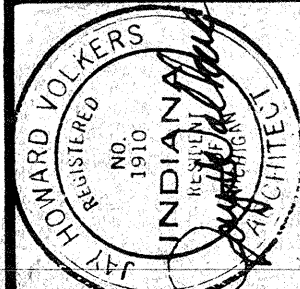
Second Floor Framing Plan - Unit K

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

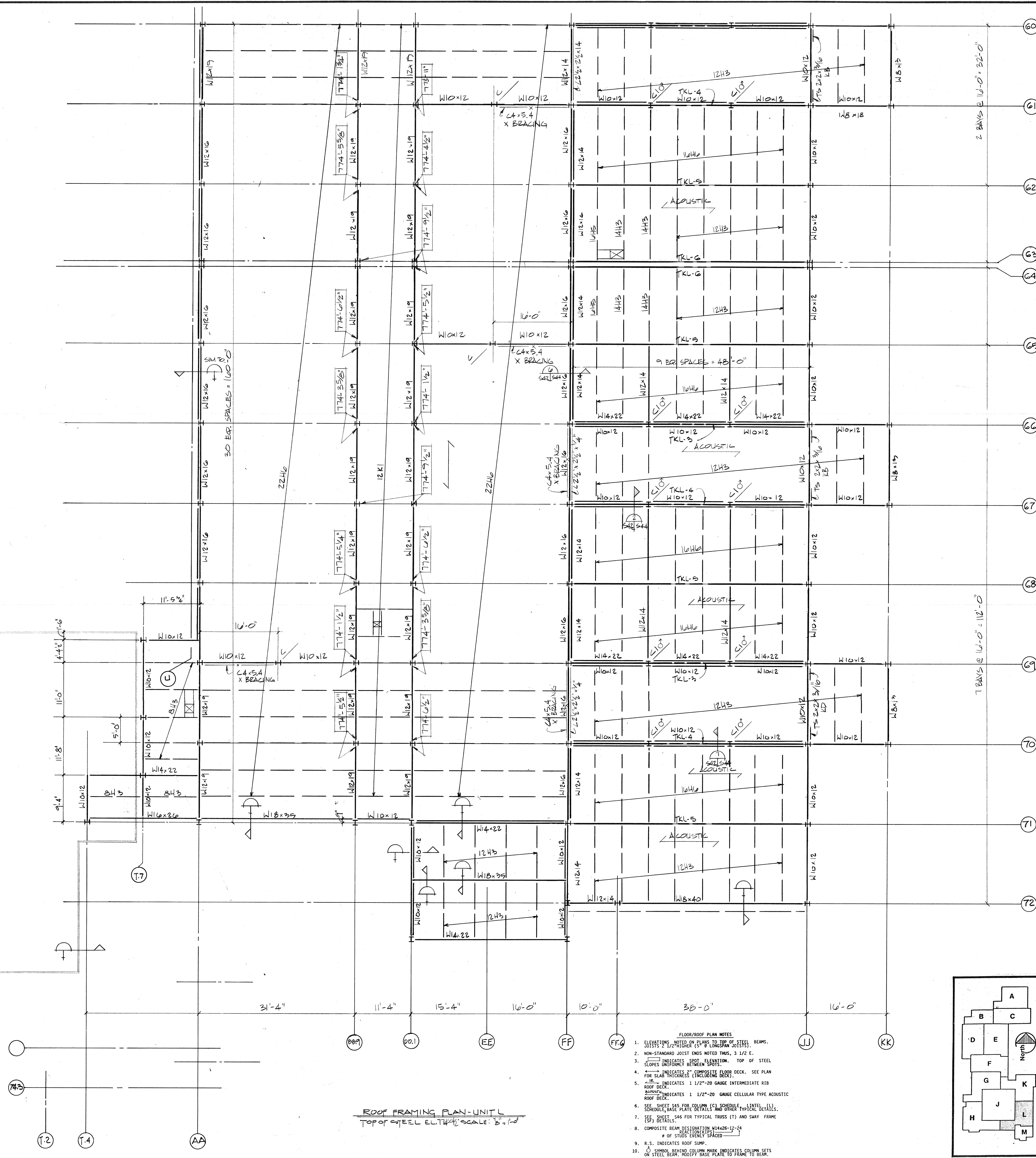
Drawing Number
S39
M5086.03



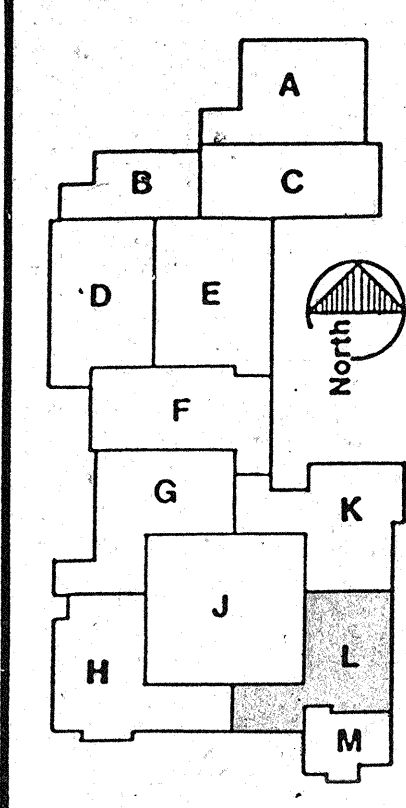
- FLOOR/ROOF PLAN NOTES
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS. JOISTS 2 1/2" HIGHER (3" LONGSPAN JOISTS).
 - NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 - INDICATES SPOT ELEVATION. TOP OF STEEL SLOPES UNIFORMLY BETWEEN SPOTS.
 - INDICATES COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING DECK).
 - INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - INDICATES 1 1/2"-20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 - SEE SHEET S45 FOR COLUMN (C) SCHEDULE, LINTEL (L) SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SHAY FRAME (SF) DETAILS.
 - COMPOSITE BEAM DESIGNATION W12x26-12-24 4" OF STUDS LOCALLY SPACED.
 - R.S. INDICATES ROOF SIMP.
 - SYMBOL, BEHIND COLUMN MARK, INDICATES COLUMN SETS ON STEEL BEAM. MODIFY BASE PLATE TO FRAME TO BEAM.



Revision No.	Date	By	DR	TR	CK	APP	IN CHARGE
2-1-87							
10/25/1 CONSTRUCTION							



- FLOOR/ROOF PLAN NOTES**
- ELEVATIONS NOTED ON PLANS TO TOP OF STEEL BEAMS.
 - NON-STANDARD JOIST ENDS NOTED THUS, 3 1/2" E.
 - INDICATES SLOPE ELEVATION. TOP OF STEEL SLOPES UNIFORM BETWEEN SPOTS.
 - INDICATES 2" COMPOSITE FLOOR DECK. SEE PLAN FOR SLAB THICKNESS (INCLUDING FLOOR DECK).
 - INDICATES 1 1/2"-20 GAUGE INTERMEDIATE RIB ROOF DECK.
 - INDICATES 1 1/2"-20 GAUGE CELLULAR TYPE ACOUSTIC ROOF DECK.
 - SEE SHEET S45 FOR COLUMN (C) SCHEDULE, ELEVATIONS, SCHEDULE, BASE PLATE DETAILS AND OTHER TYPICAL DETAILS.
 - SEE SHEET S46 FOR TYPICAL TRUSS (T) AND SWAY FRAME (SF) DETAILS.
 - COMPOSITE BEAM DESIGNATION W14x26-12-24 # OF STUDS EVENLY SPACED
 - R.S. INDICATES ROOF SUMP.
 - STEEL BEAM, MODIFY BASE PLATE TO BEAR TO BEAM.



Roof Framing Plan - Unit L

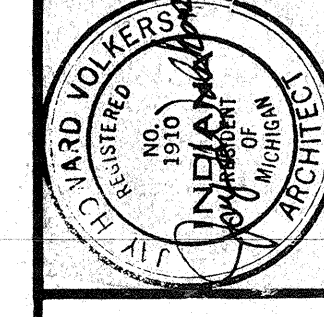
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

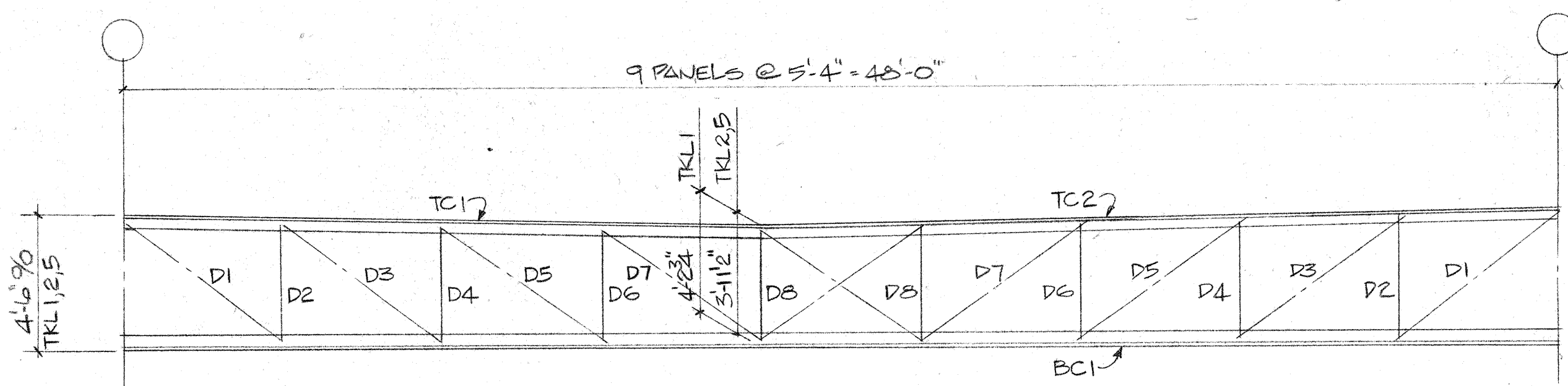
S42

M5086.03

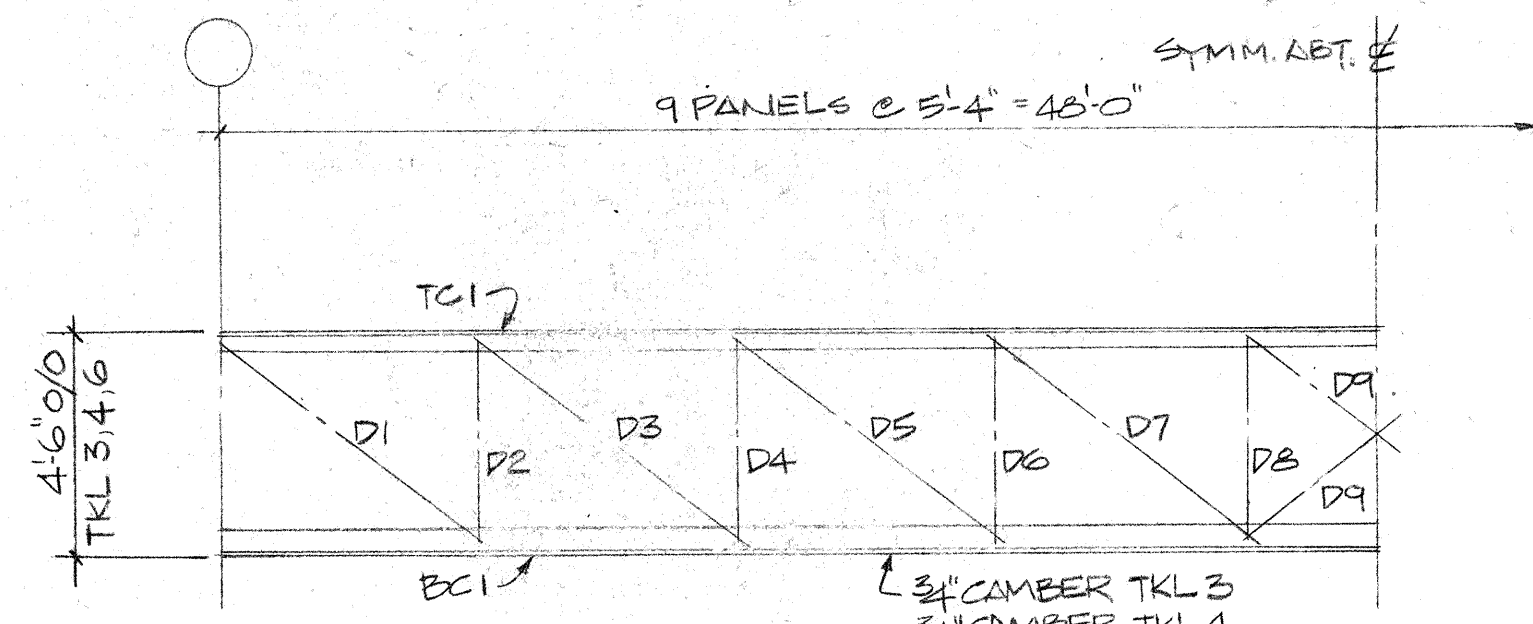
Davernman/HMFH
Associated Architects & Engineers
Schaeff, NW
Grand Rapids, Michigan 49503-9944
Telephone: (616) 465-3900

DR	APP	IN CHARGE
DR	APP	IN CHARGE
TR	OK	
OK		
APP		
IN CHARGE		

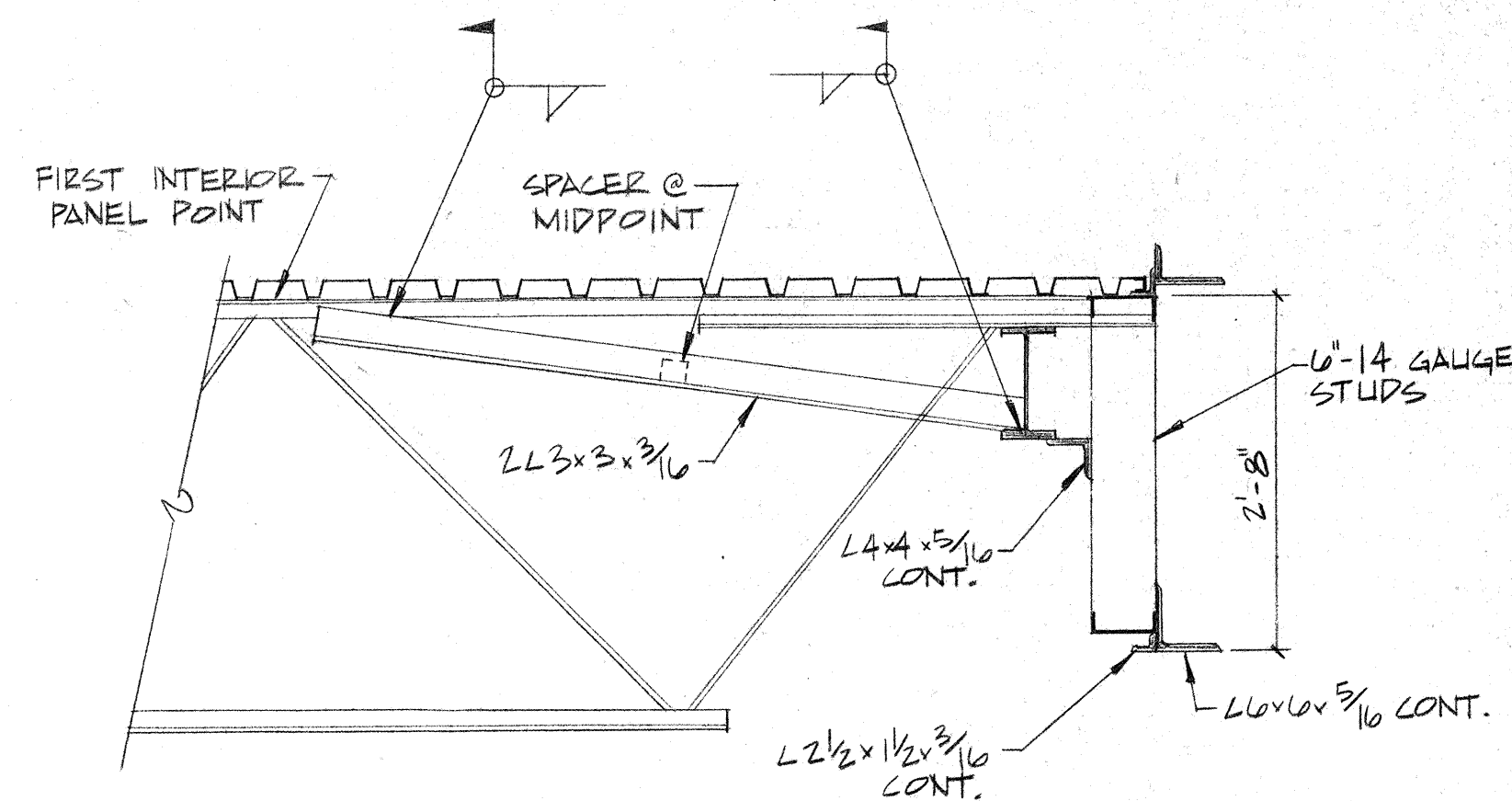




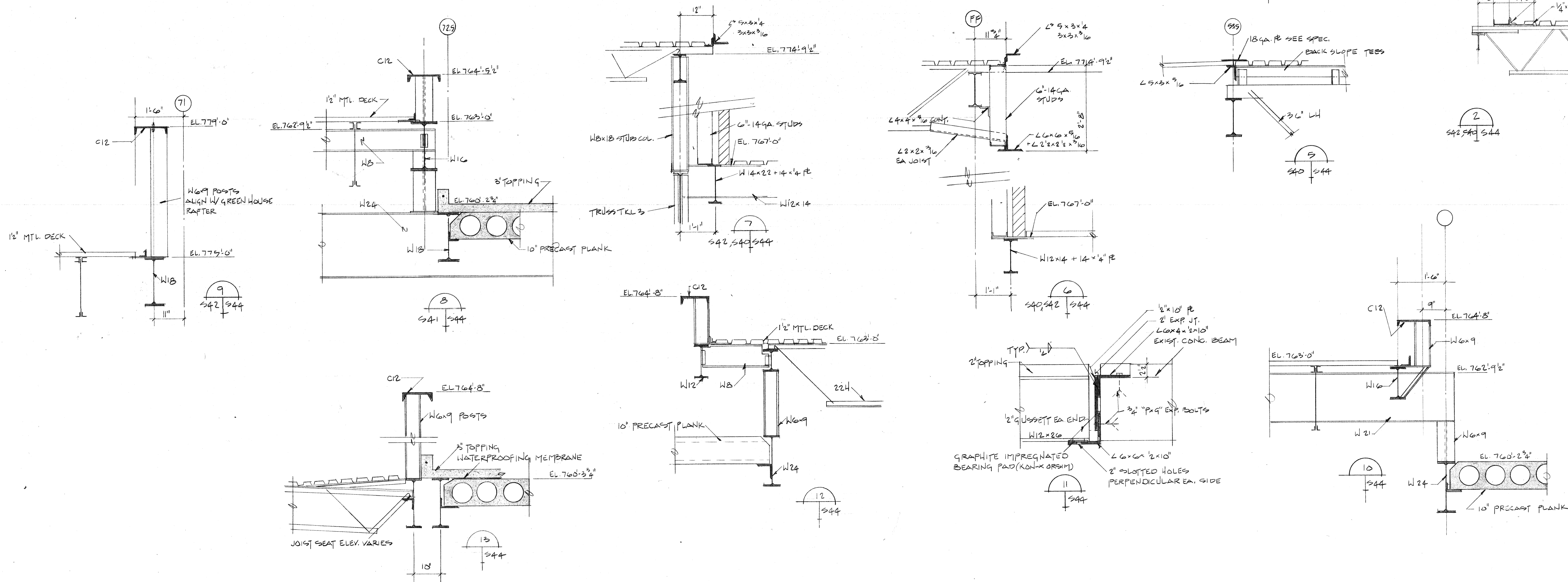
TRUSS TKL 1, 2, 5



TRUSS TKL 3, 4, 6



MARK	TKL1		TKL2		TKL3		TKL4		TKL5		TKL6	
	FORCE	SIZE	FORCE	SIZE	FORCE	SIZE	FORCE	SIZE	FORCE	SIZE	FORCE	SIZE
TC1	75KC	WT5x15	80KC	WT5x15	90KC	WT5x15	80KC	WT5x15	85KC	WT5x15	32KC	WT4x9
TC2	75KC	WT5x15	80KC	WT5x15	90KC	WT5x15	80KC	WT5x15	85KC	WT5x15	31KT	WT4x9
BC1	75KT	WT6x13	80KT	WT6x13	90KT	WT6x13	80KT	WT6x13	84KT	WT5x15	19KT	WT4x9
D1	35KT	2L3x2x3/16	40KT	2L2x2x3/16	35KT	2L3x2x3/16	34KT	2L2x2x3/16	45KT	2L2x2x3/16	12KC	2L2x1/2x3/16
D2	31KC	2L2x2x3/16	25KC	2L2x2x3/16	25KC	2L2x2x3/16	21KC	2L2x2x3/16	26KC	2L2x2x3/16	8KC	2L2x1/2x3/16
D3	25KT	2L1x2x3/16	30KT	2L1x2x3/16	35KT	2L1x2x3/16	34KT	2L2x2x3/16	31KT	2L2x2x3/16	7KT	2L2x1/2x3/16
D4	20KC	2L2x2x3/16	15KC	2L2x2x3/16	25KC	2L2x2x3/16	21KC	2L2x2x3/16	13KC	2L2x2x3/16	5KC	2L2x1/2x3/16
D5	20KT	2L2x2x3/16	20KT	2L2x2x3/16	35KT	2L3x2x3/16	34KT	2L2x2x3/16	19KT	2L2x1/2x3/16	4KT	2L2x1/2x3/16
D6	12KC	2L2x1/2x3/16	12KC	2L2x1/2x3/16	25KC	2L2x1/2x3/16	21KC	2L2x2x3/16	11KC	2L2x1/2x3/16	3KC	2L2x1/2x3/16
D7	10KT	2L2x1/2x3/16	10KT	2L2x1/2x3/16	OK	2L2x1/2x3/16	OK	2L2x1/2x3/16	9KT	2L2x1/2x3/16	OK	2L2x1/2x3/16
D8	10KC	2L2x1/2x3/16	7KC	2L2x1/2x3/16	OK	2L2x1/2x3/16	OK	2L2x1/2x3/16	6KC	2L2x1/2x3/16	OK	2L2x1/2x3/16
D9	5K	1L2x2x3/16	5K	1L2x2x3/16	OK	1L2x2x3/16	OK	1L2x2x3/16	5K	1L2x2x3/16	OK	2L2x1/2x3/16



Daverman/HMFH
Associated Architects & Engineers

2800 N.W. 11th Ave., Suite 1000
Fort Lauderdale, FL 33304
Phone: (305) 556-5500

DATE	BY	CHK	APP	IN CHARGE

PROJECT NO. 1000-0044
 SHEET NO. 1000-0044-01

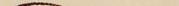
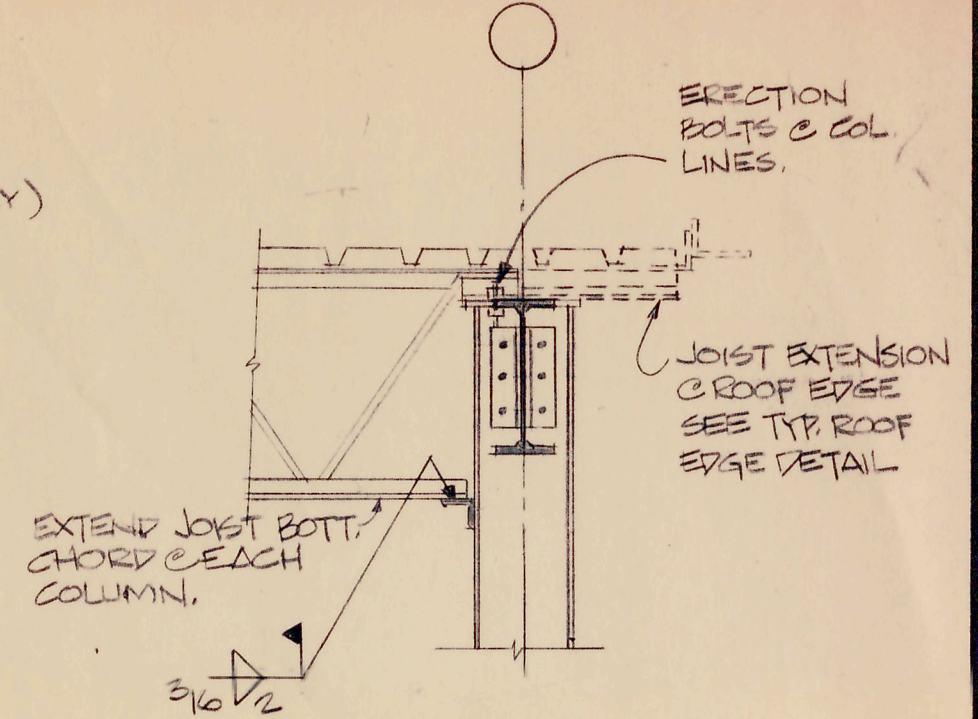
Truss & Miscellaneous Details

Unit KLM

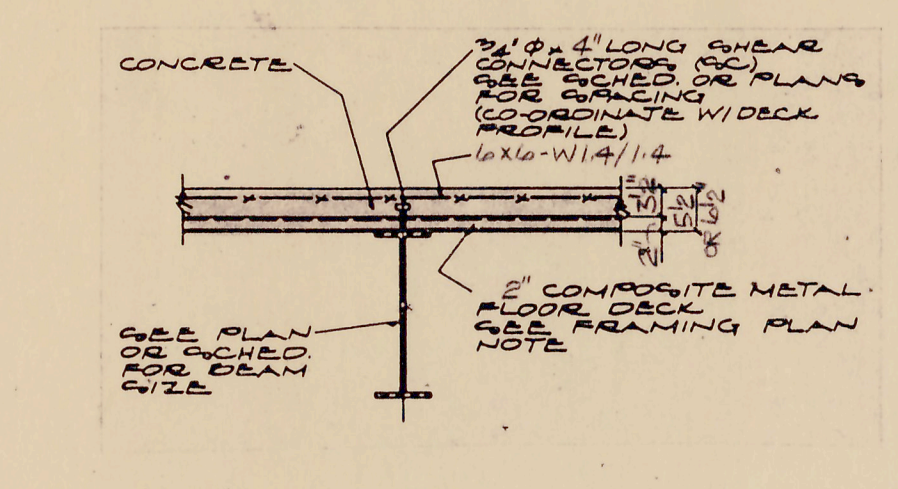
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

S44

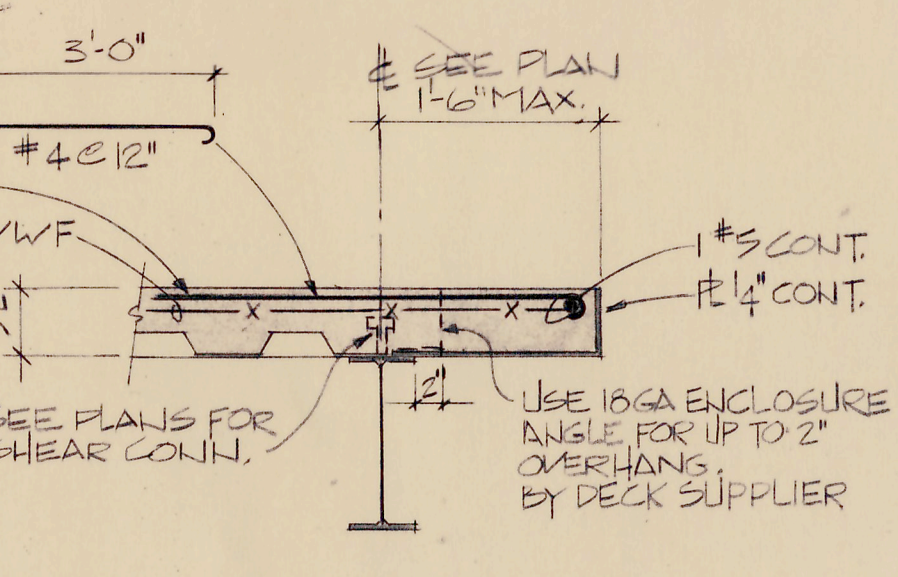
M5086.03



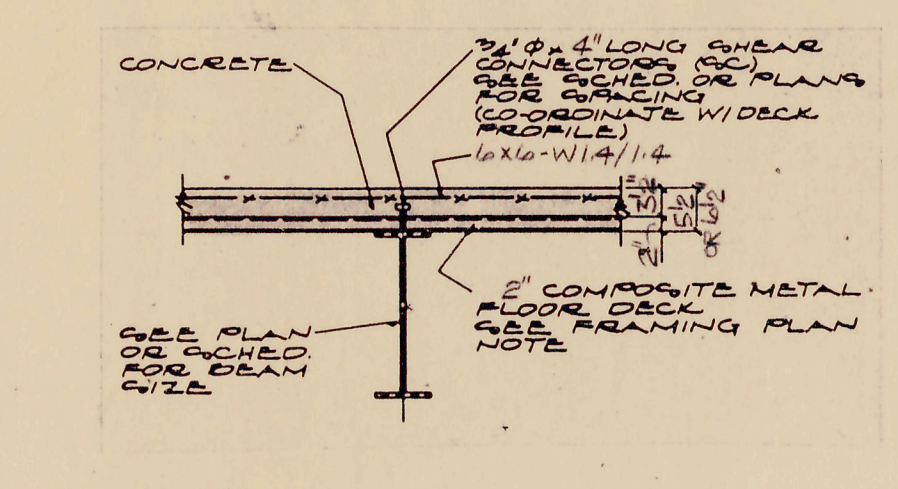
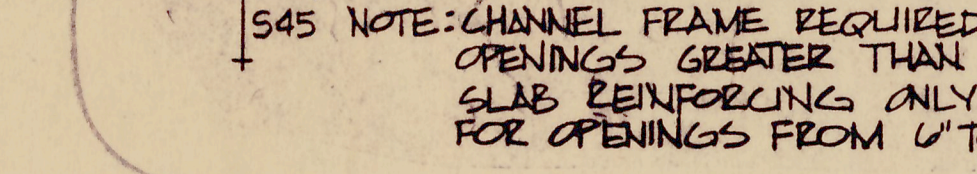
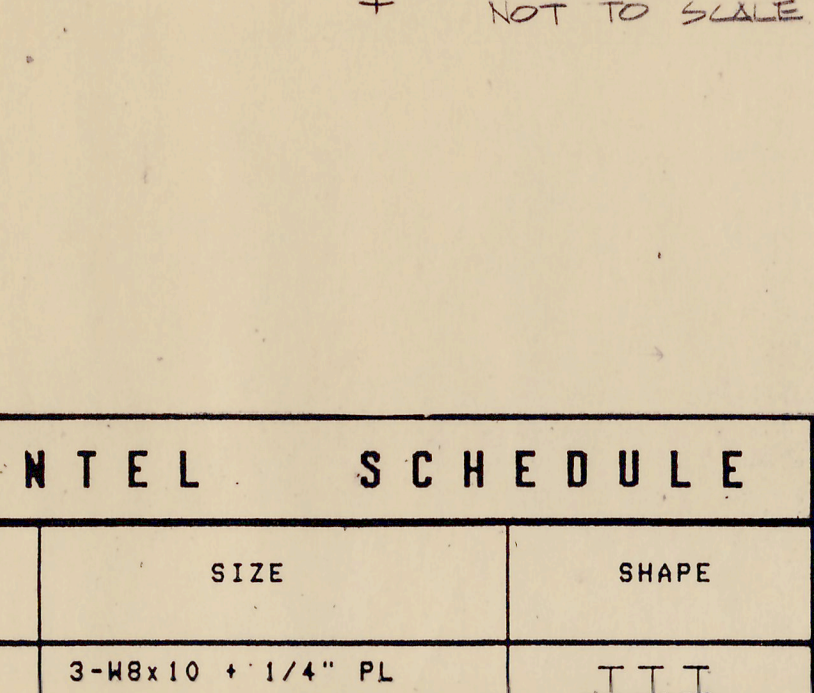
TYPICAL JOIST TO
COLUMN CONNECTION



8
S45
COMPOSITE FLOOR
BEAM DETAIL
NOT TO SCALE

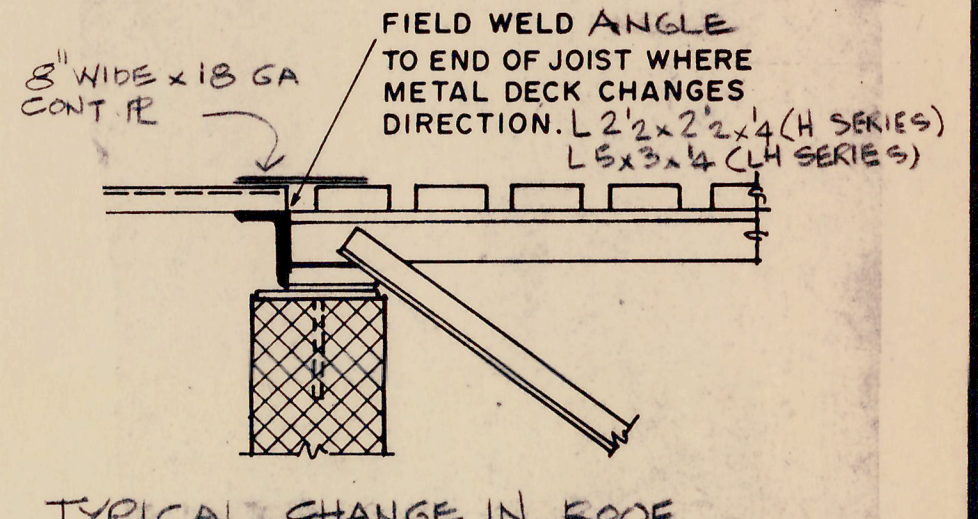


14

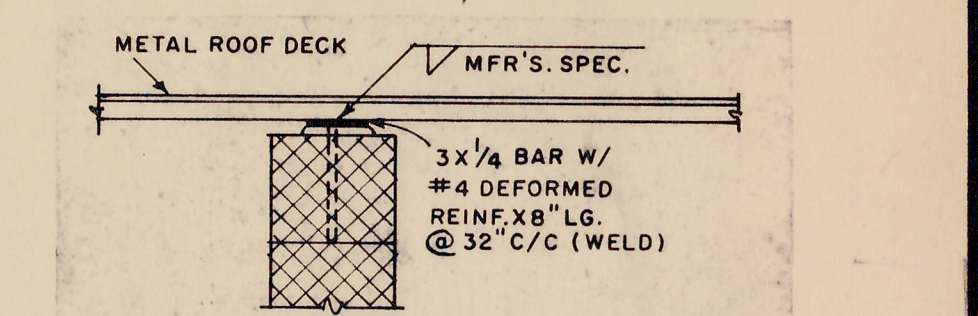


8" WIDE x 18 GA
CONT. #

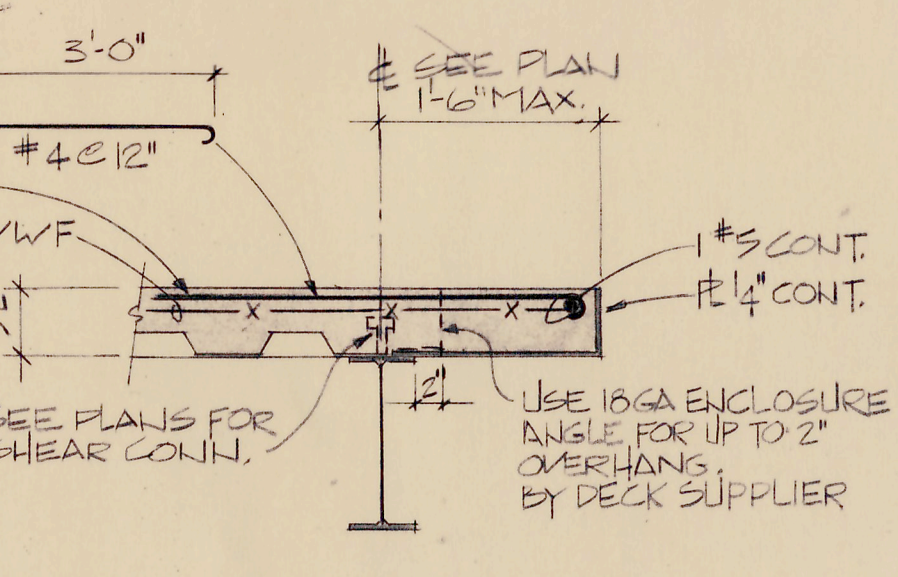
FIELD WELD ANGLE
TO END OF JOIST WHERE
METAL DECK CHANGES



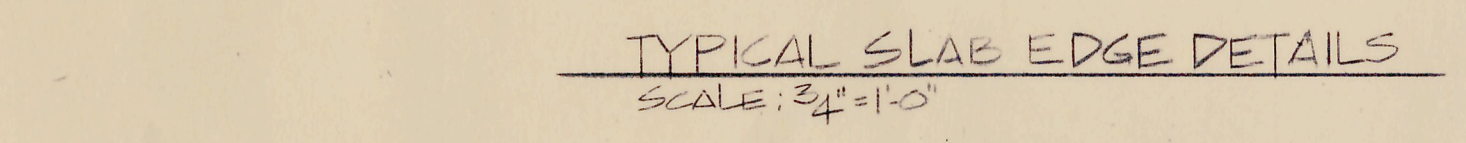
TYPICAL CHANGE IN ROOF
DECK DIRECTION DET

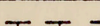
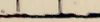


DETAIL METAL DECK BEARING
BAR AT MASONRY WALLS.



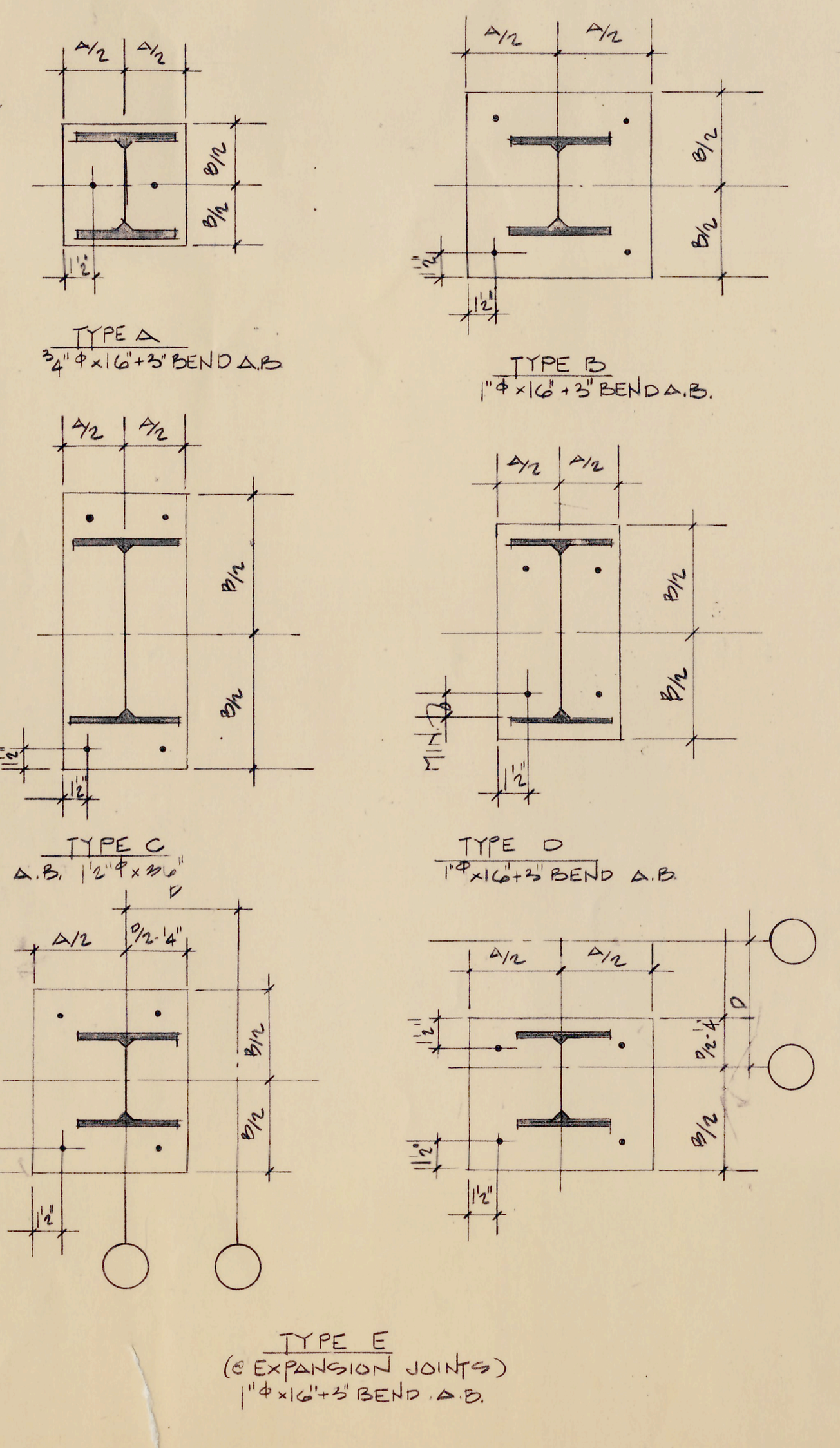
14



L I N T E L S C H E D U L E		
MARK	SIZE	SHAPE
L-1	3-W8x10 + 1/4" PL	
L-2	3-W8x18 + 1/4" PL	
L-3	W8x21 + 1/4" PL	
L-4	W8x18 + 1/4" PL	
L-5	W8x10 + 1/4" PL	

C O L U M N S C H E D U L E			
MARK	SIZE	BASE PLATE	
		A X B X T	TYPE
C1	W8x18	7x9x3/4	A
C2	W8x21	7x9x3/4	A
C3	W8x24	12x14x1	B
C4	W8x28	12x14x1	B
C5	W8x31	14x14x1	B
C6	W8x40	14x14x1 1/4	B
C7	W8x48	14x14x1 1/4	B
C8	W8x58	14x14x1 1/4	B
C9	W10x22	14x16x1	B
C10	W10x26	14x16x1	B
C11	W10x30	14x16x1	B
C12	W10x33	14x16x1	B
C13	W10x39	14x16x1	B
C14	W10x45	14x16x1	B
C15	W10x49	16x16x1	B
C16	W10x60	16x16x1 1/4	B
C17	W12x40	14x18x1 1/4	B
C18	W12x45	14x18x1 1/4	B
C19	W12x53	16x18x1 1/4	B
C20	W12x58	16x18x1 1/4	B

C O L U M N S C H E D U L E			
MARK	SIZE	BASE PLATE	
		A X B X T	TYPE
C21	W12x65	18x18x1 1/2	B
C22	W12x72	18x18x1 1/2	D
C23	W12x79	18x18x1 1/2	B
C24	W14x34	13x20x1 1/2	B
C25	W14x48	14x20x1 1/2	B
C26	W14x53	14x20x1 1/2	B
C27	W14x61	16x16x1 1/2	D
C28	W14x68	16x16x1 1/2	D
C29	W14x90	20x20x1 1/2	B
C30	W16x50	13x20x1 1/2	B
C31	W16x57	13x20x1 1/2	B
C32	W16x67	16x17x1 1/2	D
C33	W16x89	16x17x1 1/2	D
C34	W18x55	14x19x1 1/2	D
C35	W18x65	14x19x1 1/2	D
C36	W18x76	18x19x1 1/2	D
C37	W24x55	14x26x1 1/2	D
C38	W24x62	14x26x1 1/2	D
C39	W24x68	12x32x2	C
C40	W24x104	14x26x1 1/2	D
C41	W24x117	14x26x1 1/2	D



BASE & DETAILS

NOTE: BOTTOM OF BASE PLATE ELEVATION 1" ABOVE TOP OF FOOTING OR PIER OR AS SHOWN IN DETAILS.

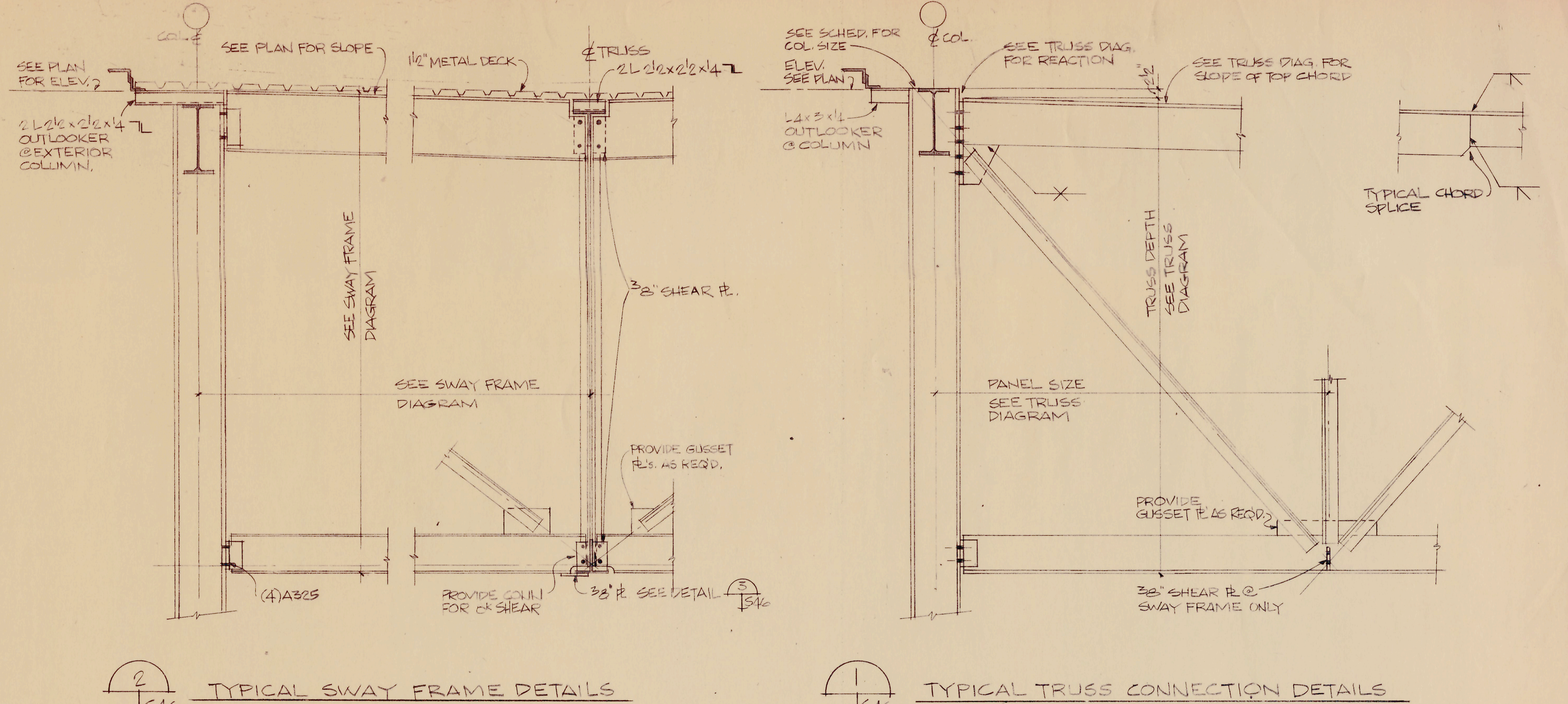
MASONRY HALL LINTEL SCHEDULE

CLEAR OPENING MAXIMUM	HALL THICKNESS	SHAPE	MEMBER SIZE
4'-0"	4"	1	L 3-1/2" x 3-1/2" x 1/4
	6"	2	L 4" x 3-1/2" x 1/4 (LLV)
	8"	3	2L 3-1/2" x 3-1/2" x 1/4
	10"	4	L 5" x 3-1/2" x 1/4 (LLV) & L 4 x 4 x 1/4
	12"	5	3L 3-1/2" x 3-1/2" x 1/4
	14"	6	2L 3-1/2" x 3-1/2" x 1/4 & PL 5/16 x 13-1/2"
6'-0"	16"	7	2L 4" x 4" x 1/4 PL 5/16 x 15-1/2"
	18"	8	2L 4" x 4" x 1/4 PL 5/16 x 17-1/2"
	20"	9	L 6 x 3-1/2" x 1/4 PL 5/16 x 17-1/2"
	22"	10	2L 3-1/2" x 2-1/2" x 5/16 (LLV)
	24"	11	2L 3-1/2" x 3-1/2" x 1/4 PL 5/16
	26"	12	L 4 x 5" x 1/4 PL 5/16
8'-0"	28"	13	4L 3-1/2" x 3-1/2" x 1/4
	30"	14	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 13-1/2"
	32"	15	2L 4" x 3-1/2" x 5/16 (LLV) PL 5/16 x 15-1/2"
	34"	16	2L 4" x 3-1/2" x 5/16 (LLV) PL 5/16 x 17-1/2"
	36"	17	2L 3-1/2" x 2-1/2" x 5/16 (LLV)
	38"	18	2L 3-1/2" x 3-1/2" x 1/4 PL 5/16
10'-0"	40"	19	2L 4" x 4" x 1/4 & 1/4 x 5" x 1/4
	42"	20	4L 3-1/2" x 3-1/2" x 1/4
	44"	21	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 13-1/2"
	46"	22	2L 4" x 3-1/2" x 5/16 x 13-1/2"
	48"	23	4L 3-1/2" x 3-1/2" x 1/4
	50"	24	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 13-1/2"
12'-0"	52"	25	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 15-1/2"
	54"	26	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 17-1/2"
	56"	27	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 19-1/2"
	58"	28	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 21-1/2"
	60"	29	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 23-1/2"
	62"	30	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 25-1/2"
16'-0"	64"	31	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 27-1/2"
	66"	32	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 29-1/2"
	68"	33	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 31-1/2"
	70"	34	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 33-1/2"
	72"	35	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 35-1/2"
	74"	36	4L 3-1/2" x 3-1/2" x 1/4 PL 5/16 x 37-1/2"

1 2 3 4 5

1. WATER PASSAGE
- a. The verticals should appear to unite intels earliest over obstacles in majority halls and intels specifically obvious of on points & details of presence over the verticals.
- b. Intels bearing on majority halls shall be a min of 8.
- c. Provides solid masonry or full core of brick with 5000 psi concrete. Where all intels bearing points shall be solid footing of foundation walls.

NOTES: COLUMN DESIGNATION C1-B
MARK
BASE & TYPE IF DIFFERENT
THAN TYP.



1. FINAL SIZES FOR REINFORCING BARS AND THE REQUIRED WELDING SHALL BE DETERMINED BY THE STRUCTURAL ENGINEER WHEN JOISTS ARE MADE ACCESSIBLE DURING CONSTRUCTION.
2. ACTUAL JOIST PROFILES MAY VARY CONSIDERABLY FROM THAT SHOWN. CONTRACTOR SHALL BID WELD REINFORCING AS A UNIT PER PIECE PER NUMBER BARS ON THE ASSIGNED PROFILE.
3. CHORD REINFORCING MAY BE SPICED WITH A FULL PENETRATION WELD AND REINFORCED TO PROVIDE 125% OF BAR CAPACITY. ALL SPLICING SHOULD OCCUR BEFORE WELDING IS PROVIDED TO JOIST.
4. ALL WELDS SHALL BE STANDARD ASSE PREQUALIFIED.
5. COMPLY WITH AWS D1.1 - CURRENT EDITION.
6. WELDERS SHALL BE CERTIFIED FOR EACH WELDING PROCESS AND POSITION THEY PERFORM.
7. STRUCTURAL STEEL BARS SHALL COMPLY WITH ASTM A36, A441 OR A572. BARS MEETING ALL SPECIFICATIONS MAY ALSO BE USED. PROVIDE THE MINIMUM TENSILE STRENGTH IS EQUAL TO OR GREATER THAN THAT FOR ASTM A36. STEEL AND MATERIAL IS WELDABLE AND COMPATIBLE WITH EXISTING STEELS.
8. THE CONTRACTOR SHALL PROVIDE INDEPENDENT INSPECTION OF ALL JOIST REINFORCING WELDS AND VERIFICATION OF REINFORCING MEMBER SIZE AND LOCATION. THE INSPECTOR SHOULD HAVE AN UNDERSTANDING OF THE REINFORCING DESIGN INTENT.

