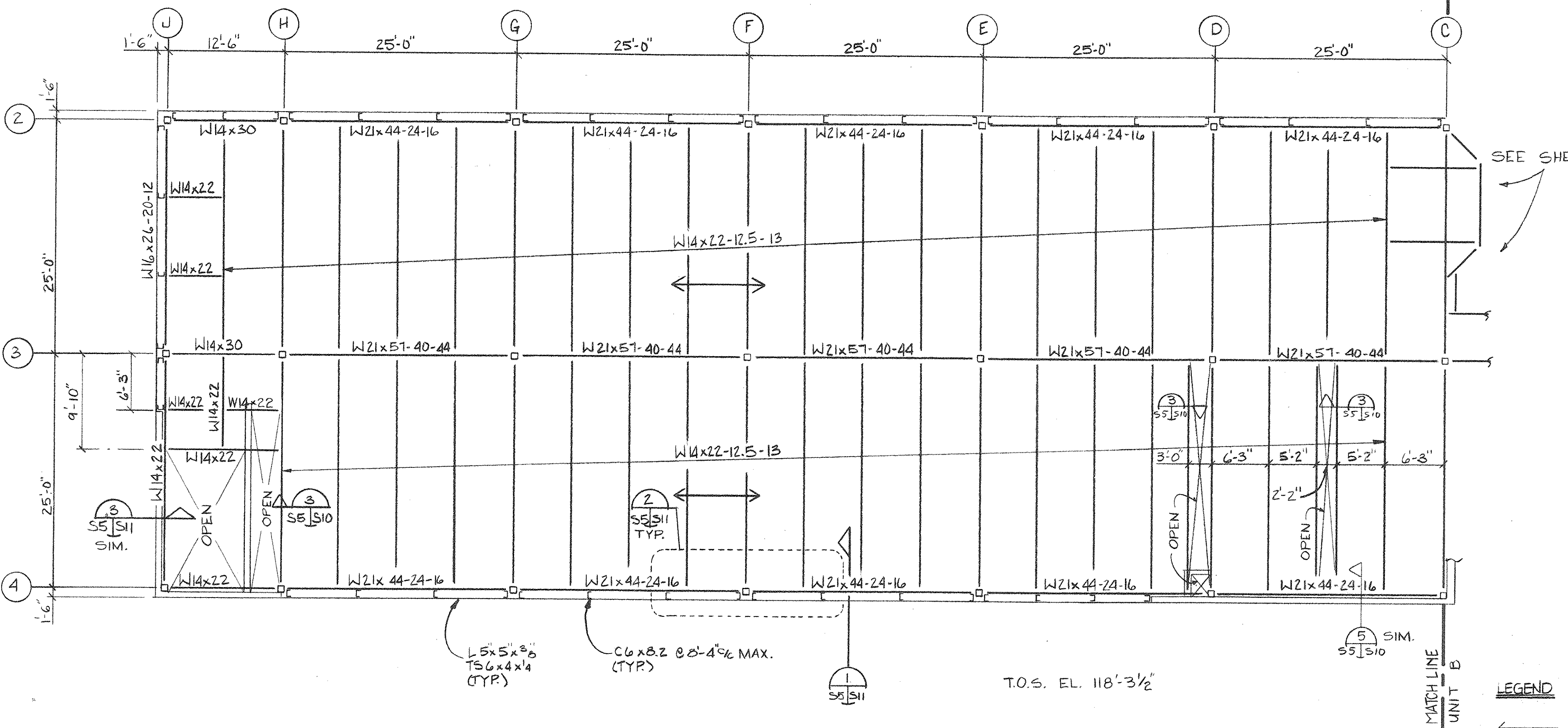


ROOF FRAMING PLAN - UNIT "A"
SCALE: 1/8" = 1'-0"



SECOND FLOOR FRAMING PLAN - UNIT "A"
SCALE: 1/8" = 1'-0"

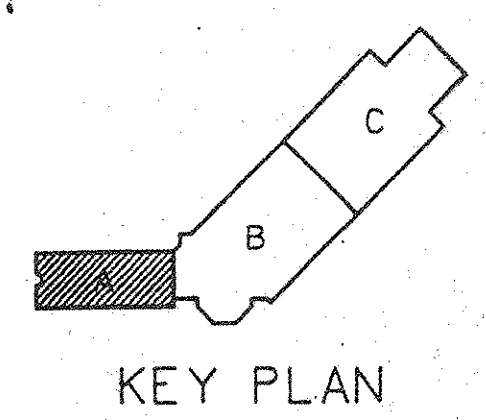
STRUCTURAL NOTES

1. Footings shall be carried to solid bearing regardless of elevations noted on the drawings.
2. Elevations given on foundation plan are to be the top of footings. Elevations given on framing plans are to the top of beams, unless otherwise noted.
3. Concrete slabs on earth shall be reinforced with 6 x 6 x W 1.4 x W 1.4 wire mesh, unless otherwise noted.
4. Concrete topping slabs shall be reinforced with wire mesh to provide temperature reinforcement 4x4 - 14/14 W.W.F.
5. All slabs on grade shall have construction or contraction joints not to exceed 15'-0" spacing, unless otherwise noted. Construction joints keyed.
6. Fill material under all slabs shall be thoroughly compacted before placing concrete.
7. Provide diagonal reinforcement on each side of openings in concrete foundation walls, interior walls, and slabs as follows: 1- No. 5 bar for each 4-inches of wall slab thickness. Bars shall be 40" long.
8. Lap continuous wall reinforcement 30 diameters, unless otherwise noted. Provide corner bars for all horizontal wall reinforcement.
9. Cover for concrete reinforcement in accordance with ACI 318, paragraph 7.7, unless otherwise noted.
10. All exposed edges of concrete beams, columns, wall openings, etc., shall be chamfered, 3/4" x 45 degrees.
11. Provide beam pockets in foundation walls where needed. Fill pockets with concrete after beams are in place.
12. Provide solid masonry or fill core of blocks with concrete under all beam and lintel bearing points down to concrete footing or foundation wall.
13. For all steel beam or angle lintels, fill cores of block course immediately above lintel with concrete or grout.
14. Unless shown on the plans, lintels over openings in masonry walls; including openings for ducts; recesses for convectors, drinking fountains, fire extinguishers, etc., shall be as shown in masonry lintel schedule, sht S8.
15. Beam and bearing on masonry walls shall be a minimum of 8", unless otherwise shown. Provide beam bearing plates and wall anchors in masonry walls, where required.
16. No chases, risers, conduits, or toothing of masonry shall occur in masonry walls within 18" of center line of beam bearing.
17. Electric conduit and other pipes to be embedded in structural concrete floor slabs shall be placed in accordance with the requirements of ACI 318, paragraph 6.3.
18. Fabricator shall not use connections which require either member to be completely disconnected (nuts removed from bolts) for installation of the succeeding member.

ENGINEERING DATA

Allowable Soil Pressure	4,000psf (COL. FTG'S)
	2,500psf (WALL FTG'S)
Design Stresses	
Concrete	
Slabs on Grade	f'c 4,000 psi
Footings	f'c 4,000 psi
Columns	f'c 4,000 psi
All Others	f'c 4,000 psi
Concrete Reinforcing	
#3 Bars and Smaller	Fy 40,000psi
#4 Bars and Larger	Fy 60,000psi
Welded Wire Fabric	Fy 60,000psi
Structural Steel	Fy 36,000 psi

SEE SHEET S6



LEGEND

- ← INDICATES 1/2" 20 GA. WIDE RIB METAL DECK
- ← B+2 ← INDICATES 8" HOLLOW CORE SLAB + 2" CONG. TOPPING
- ← 150 ← 150 PSF UNIFORM LIVE LOAD (U.L.D.)
- ← INDICATES 4" CONG. SLAB ON 2" COMPOSITE STEEL FLOOR DECK w/ W.W.F.
- ← REACTION IN KIPS
- ← BEAM SIZE
- ← SHEAR CONNECTORS

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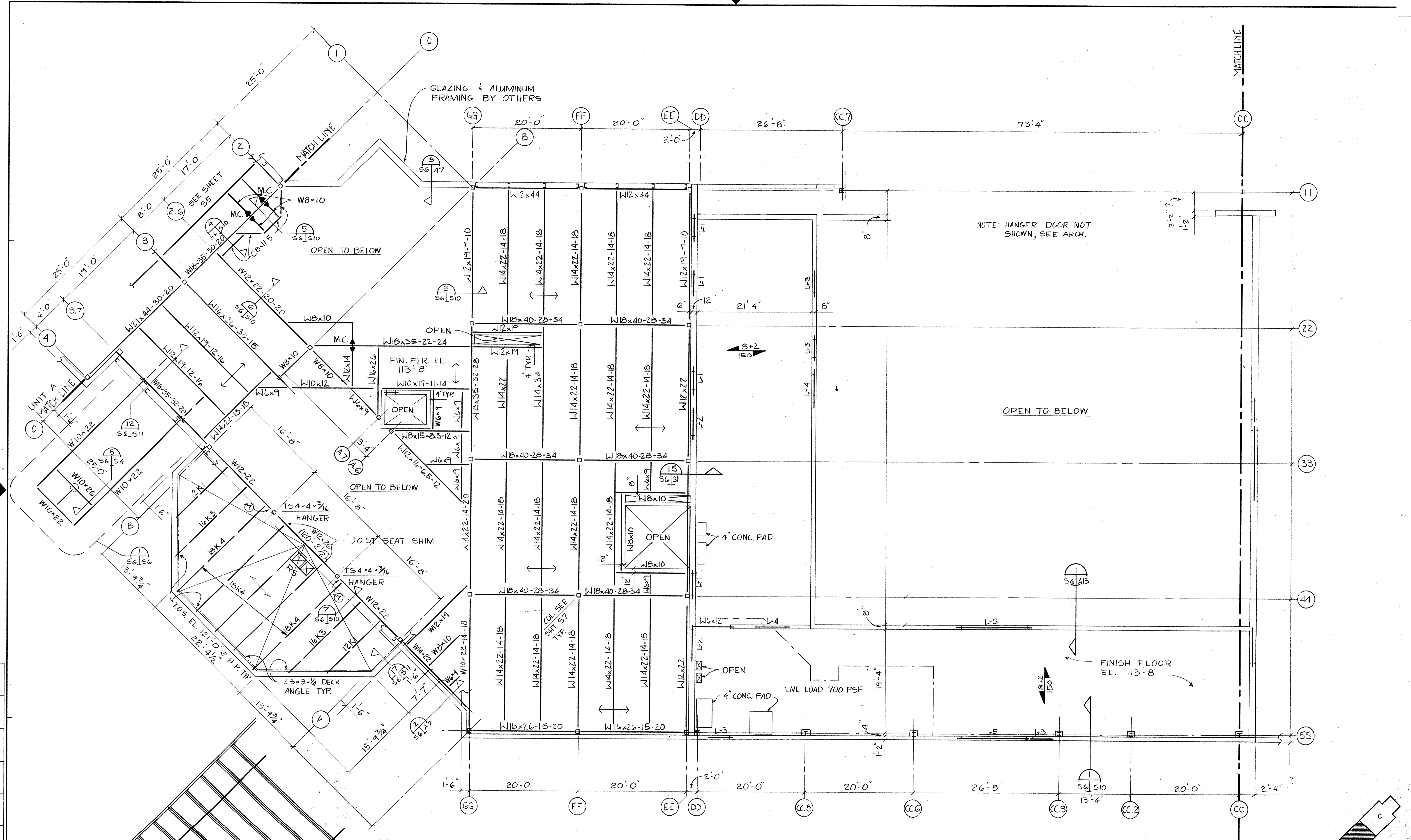
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CONTRACT NO. 90 990244
ACCOUNT NO. 114-59-5834-000

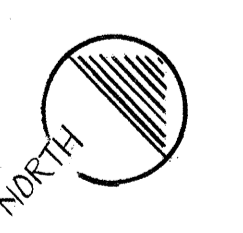
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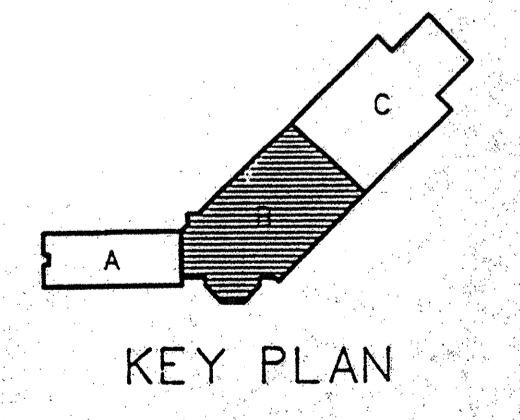
SECOND FLOOR AND MEZZANINE FRAMING PLAN - UNIT "B"
SCALE: 1/8" = 1'-0"

LINTEL SCHEDULE		
MARK	MEMBER SIZE	SHAPE
L-1	L 5 x 3 1/2 x 1/4	1
L-2	W8 x 13 + PL 11 1/2" x 5/16"	2
L-3	2L 5 x 3 1/2 x 1/4	3
L-4	W8 x 10 + PL 7 1/2" x 1/4"	2
L-5	W12 x 26 + PL 7 1/2" x 1/4"	2



LEGEND

- ← INDICATES 1/2" 2D GA. WIDE RIB METAL DECK
- ← B+2 ← INDICATES 8" HOLLOW CORE SLAB + 2" CONC. TOPPING
- ← 150 ← 150 PSF UNIFORM LIVE LOAD (U.L.L.)
- ← INDICATES 4" CONC. SLAB ON 2" COMPOSITE STEEL FLOOR DECK W/ W.W.F
- W14x22-14-18 SHEAR CONNECTORS END REACTION IN KIPS



ALL WOOD FRAMING 2x8
ROOF DECK 3/8" CDX PLYWOOD



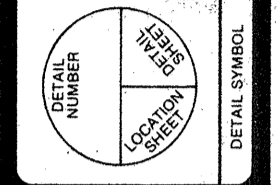
NOTE: HANGER DOOR NOT SHOWN, SEE ARCH.

OPEN TO BELOW

FINISH FLOOR EL. 113'-8"

LIVE LOAD 700 PSF

DATE	BY	CHK	APP	IN CHARGE
06/21/92	AS	BOB	BOB	BOB
06/21/92	BOB	BOB	BOB	BOB
06/21/92	BOB	BOB	BOB	BOB
06/21/92	BOB	BOB	BOB	BOB

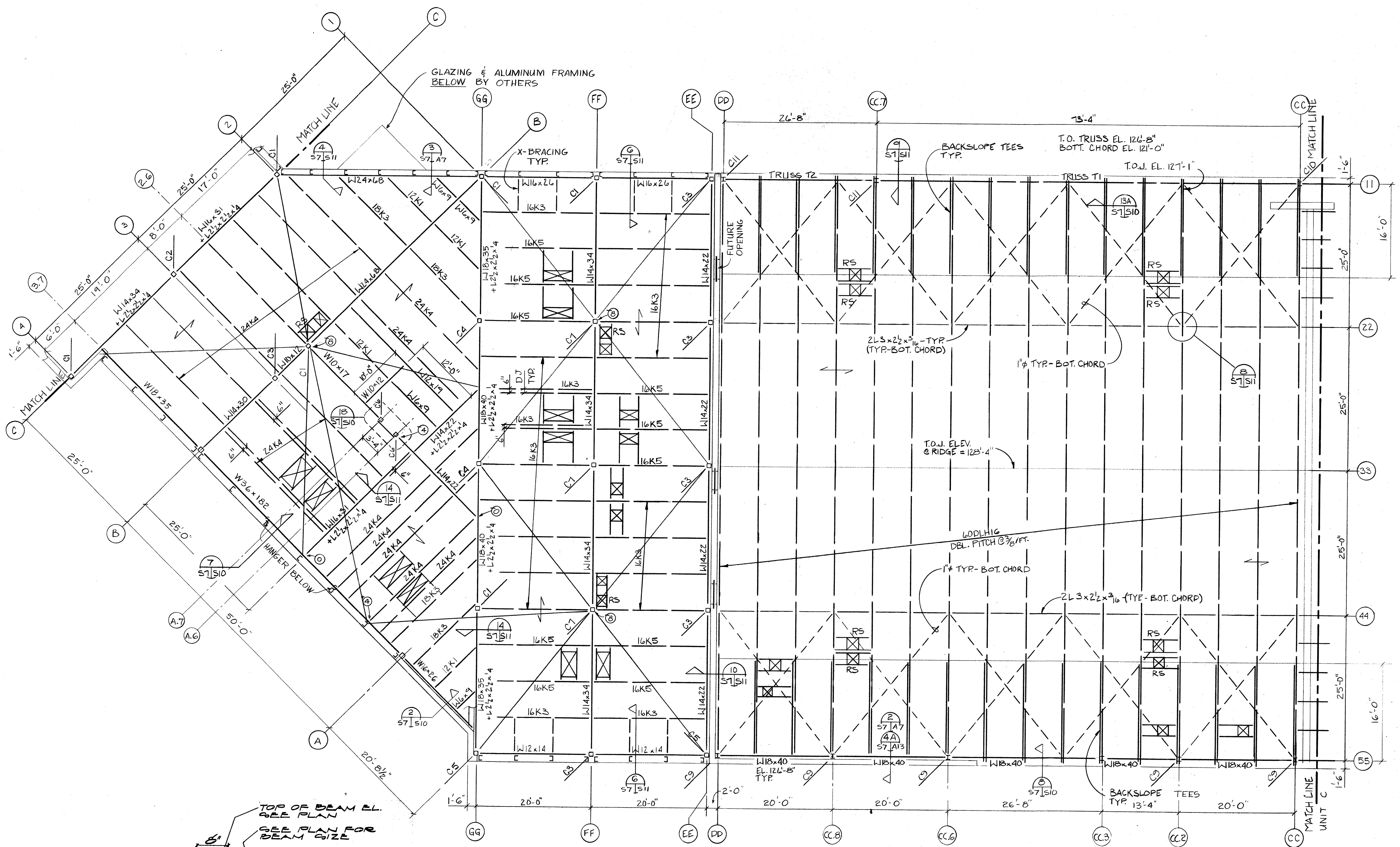


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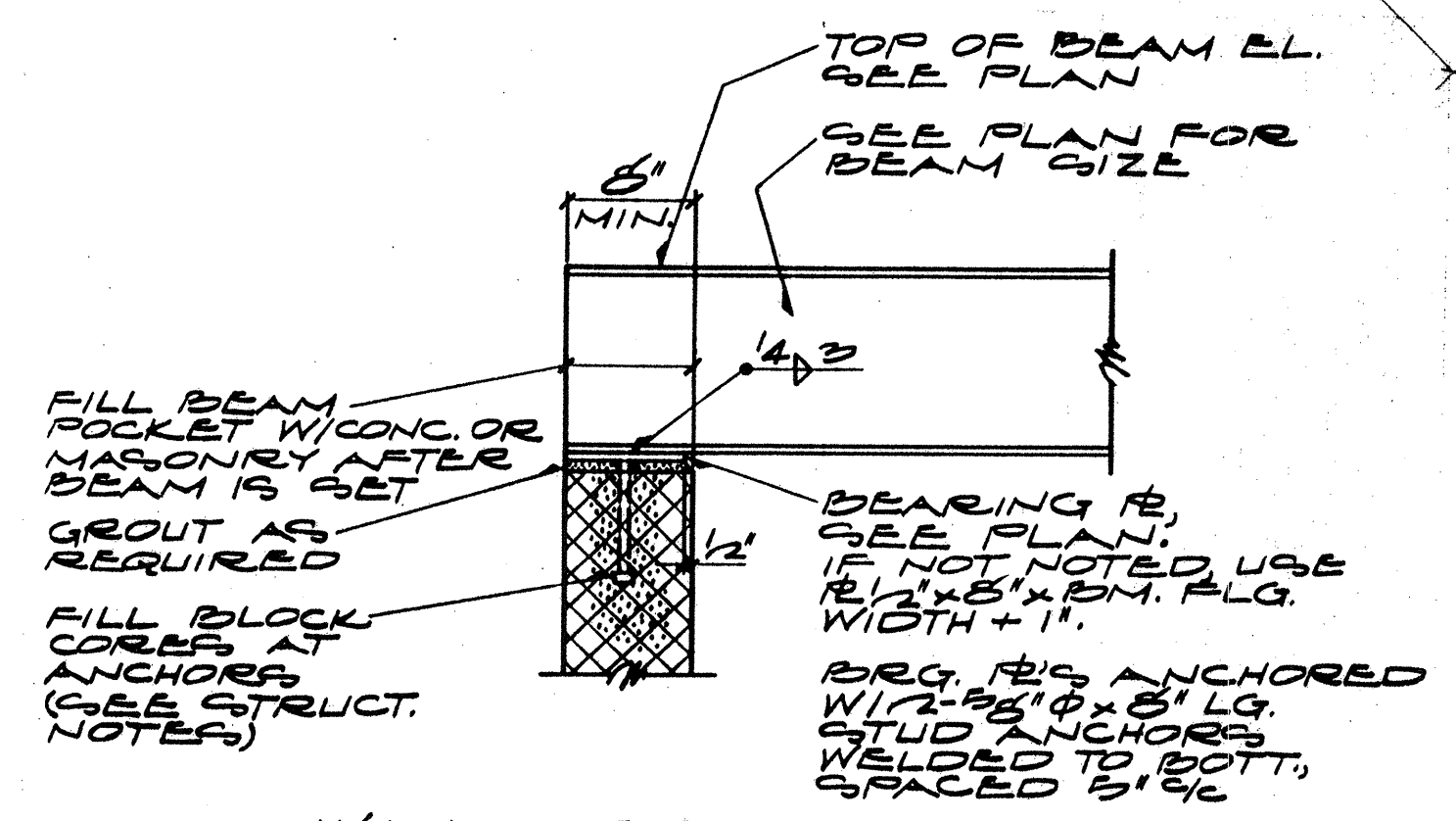
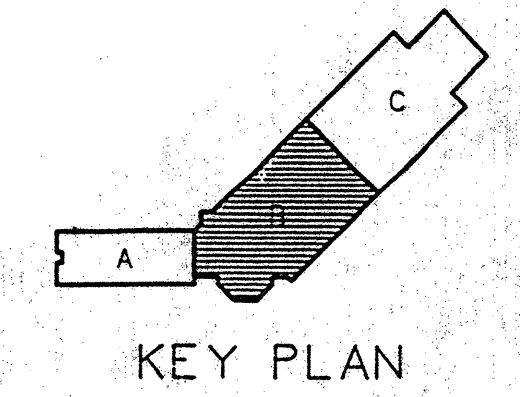
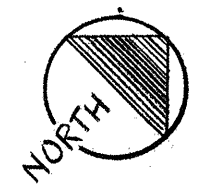
← T.O.S. EL. 127'-8" @ C.H.P. (U.N.O.) T.O.S. EL. 126'-8" @ COL. LINES 11 & 55 →
 T.O.J. EL. 127'-10 1/2" @ C.H.P. (U.N.O.) T.O.J. EL. 127'-1" @ COL. LINES 11 & 55

ROOF FRAMING PLAN - UNIT "B"
 SCALE: 1/8" = 1'-0"

NOTE: PERIMETER ANGLES NOT SHOWN, PROVIDE AS REQUIRED AND/OR DETAILED.

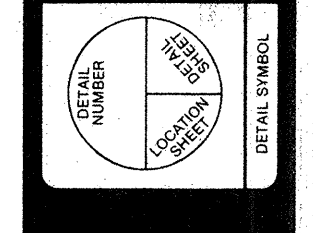
LEGEND

- ← INDICATES 1/2" 20 GA. WIDE RIB METAL DECK
- ⊙ INDICATES EL. ABOVE OR BELOW TYP. T.O.J. FOR ROOF SLOPES.



WALL BEARING BEAM DETAIL

DATE	RGS	DR	CGK
APP	APP	APP	APP
IN CHARGE	DATE	ISSUED FOR	



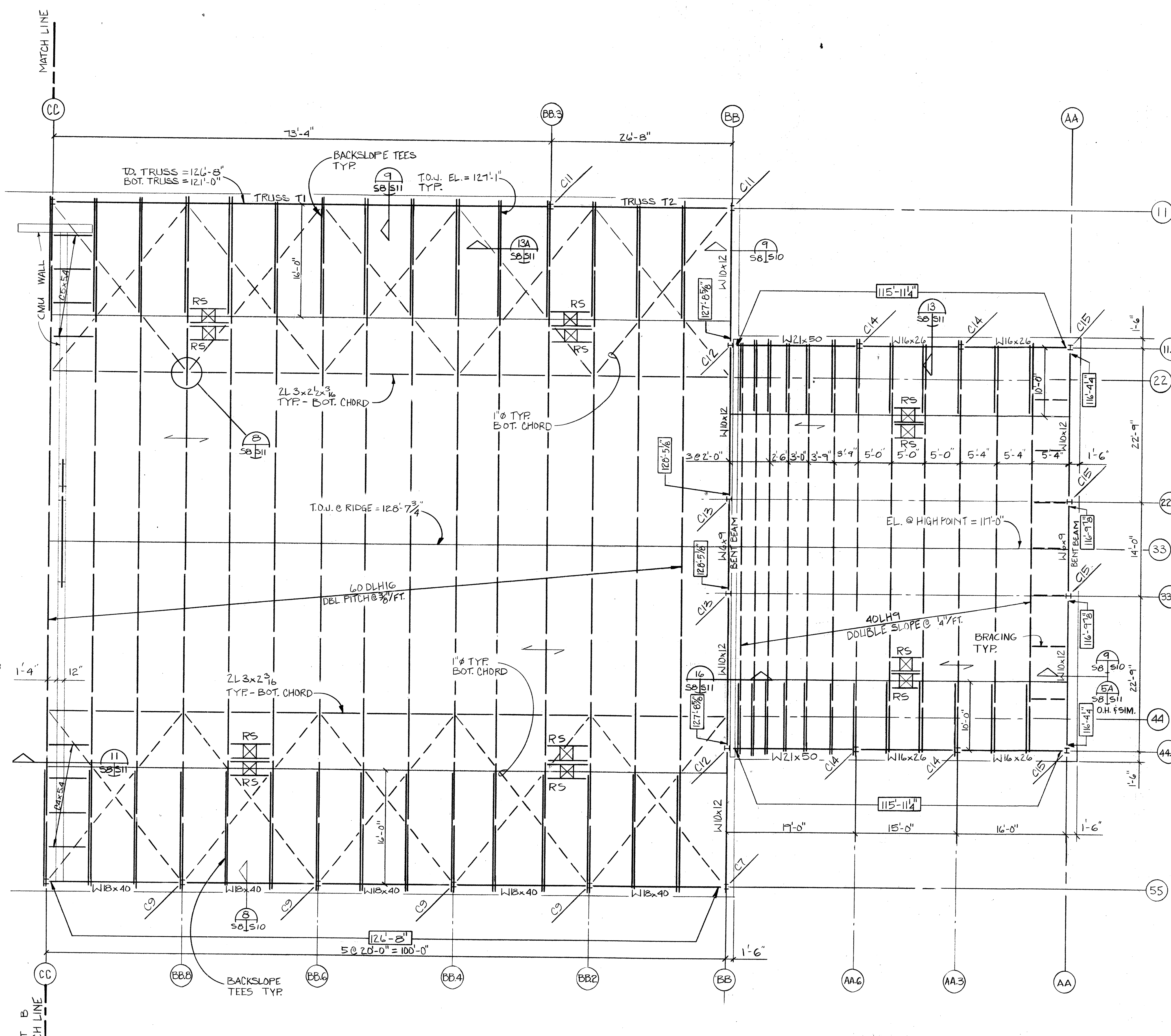
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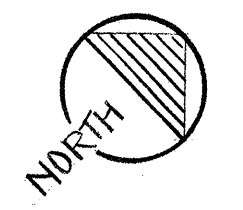
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 ACCOUNT NO. 114-59-5831-000

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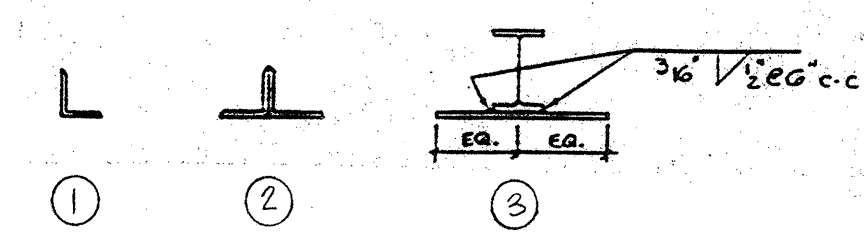
ROOF FRAMING PLAN - UNIT "C"
 SCALE: 1/8" = 1'-0"
 NOTE: PERIMETER ANGLES NOT SHOWN, PROVIDE AS REQUIRED AND/OR DET.



LEGEND
 ——— INDICATES 1/2" 20 GA. WIDE RIB METAL DECK

MASONRY WALL LINTEL SCHEDULE			
CLEAR OPENING MAXIMUM	WALL THICKNESS	SHAPE	MEMBER SIZE
4'-0"	4"	1	L3-1/2 x 3-1/2 x 1/4
	8"	2	2L3-1/2 x 3-1/2 x 1/4
	12"	3	W8 x 10 + PL 5/16 x 11-1/2
	15"	3	W8 x 18 + PL 5/16 x 14-1/2
6'-0"	4"	1	L6 x 3-1/2 x 5/16 (LLV)
	8"	2	2L6 x 3-1/2 x 5/16 (LLV)
	12"	3	W8 x 10 + PL 5/16 x 11-1/2
8'-0"	8"	2	2L6 x 3-1/2 x 5/16 (LLV)
	12"	3	W8 x 18 + PL 5/16 x 11-1/2
	15"	3	W8 x 31 + PL 5/16 x 18-1/2
10'-0"	8"	3	W8 x 15 + PL 1/4 x 7-1/2
	12"	3	W8 x 21 + PL 5/16 x 11-1/2
	15"	3	W8 x 31 + PL 5/16 x 18-1/2
12'-0"	8"	3	W10 x 19 + PL 1/4 x 7-1/2
	12"	3	W8 x 21 + PL 5/16 x 11-1/2
	15"	3	W8 x 31 + PL 5/16 x 18-1/2
16'-0"	12"	3	W12 x 35 + PL 5/16 x 11-1/2
	15"	3	W12 x 35 + PL 5/16 x 14-1/2
	19"	3	W12 x 40 + PL 5/16 x 18-1/2

- NOTES:**
- The above schedule shall apply to any lintels required over openings in masonry walls. Any lintels called out specifically on the plans and details take precedence over this schedule.
 - Lintel bearing on masonry walls shall be a minimum of 8 inches.
 - Fill core of block with grout under all lintel bearing points down to concrete footing or foundation wall.
 - Fill any void area between block and brick with 3000 psi. grout under all lintel bearing points down to concrete footing or foundation wall.



COLUMN SCHEDULE			
MARK	MEMBER SIZE	BASE PLATE	BASE PLATE BOT. ELEV.
C1	TS 6 x 6 x 3/16	12" x 12" x 3/4"	99'-5"
C2	TS 6 x 6 x 5/16	12" x 12" x 1"	99'-5"
C3	TS 5 x 5 x 3/16	11" x 11" x 3/4"	99'-5"
C4	TS 5 x 5 x 5/16	11" x 11" x 3/4"	99'-5"
C5	TS 4 x 4 x 3/16	10" x 10" x 3/4"	99'-5"
C6	TS 3 1/2 x 3 1/2 x 3/16	9 1/2" x 9 1/2" x 3/4"	99'-5"
C7	TS 6 x 6 x 1/4	12" x 12" x 3/4"	99'-5"
C8	TS 6 x 6 x 3/8	12" x 12" x 1"	99'-5"
C9	W10 x 28	15 1/2" x 15 1/2" x 1"	99'-5"
C10	W10 x 54	15 1/2" x 15 1/2" x 1"	99'-5"
C11	W8 x 48	15 1/2" x 15 1/2" x 1"	99'-5"
C12	W8 x 35	15 1/2" x 15 1/2" x 1"	99'-5"
C13	W8 x 28	15 1/2" x 15 1/2" x 1"	99'-5"
C14	W8 x 24	15 1/2" x 15 1/2" x 1"	99'-5"
C15	W8 x 18	15 1/2" x 15 1/2" x 1"	99'-5"

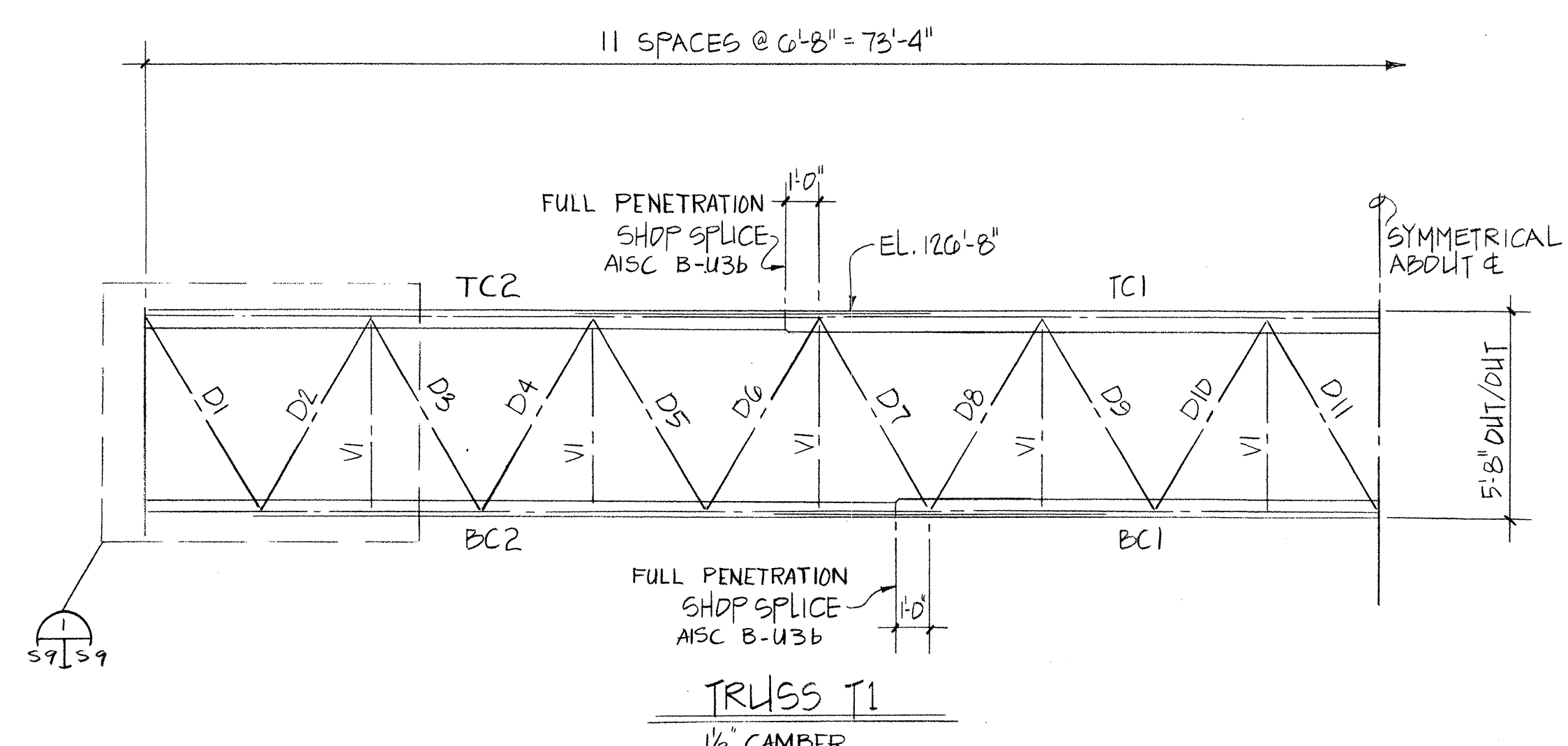
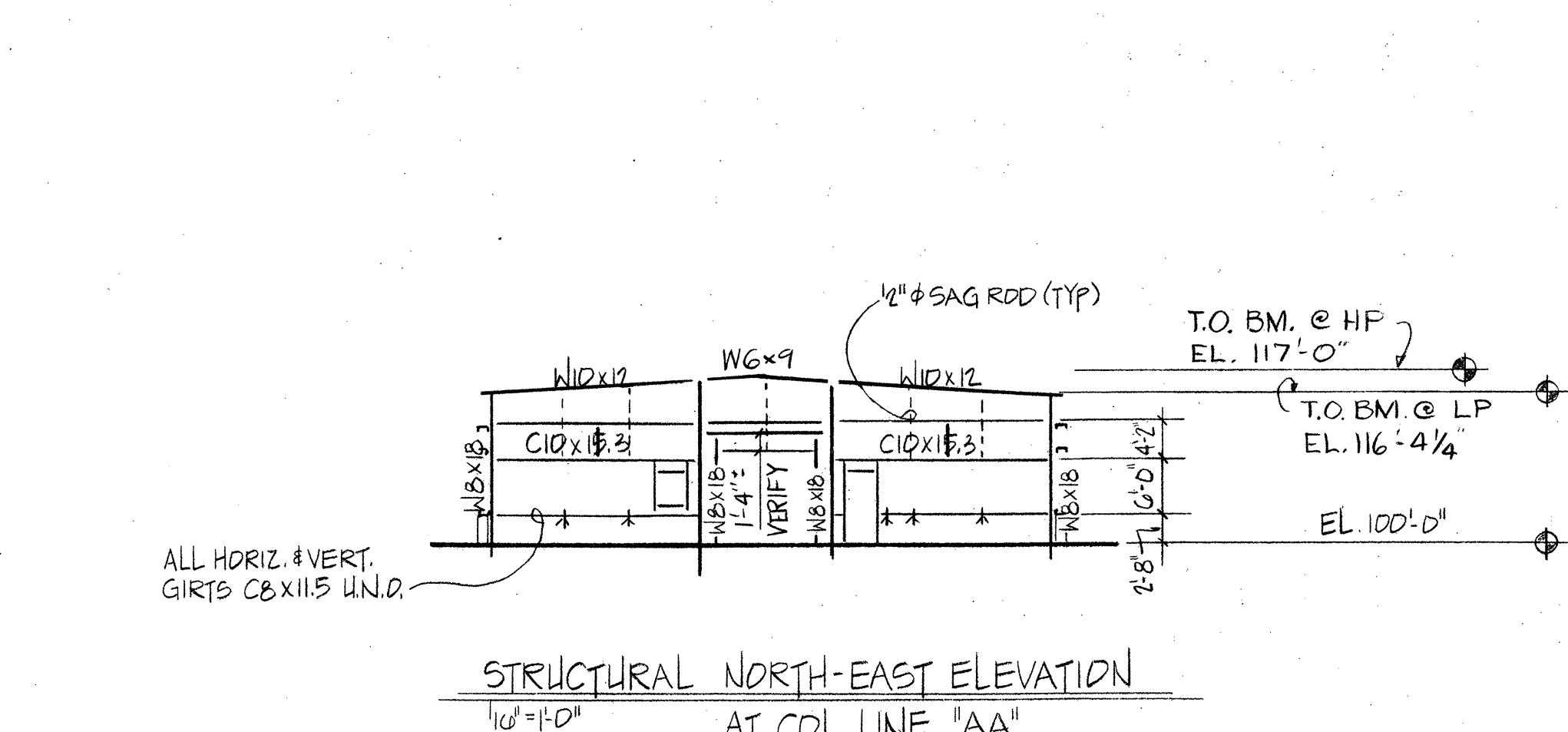
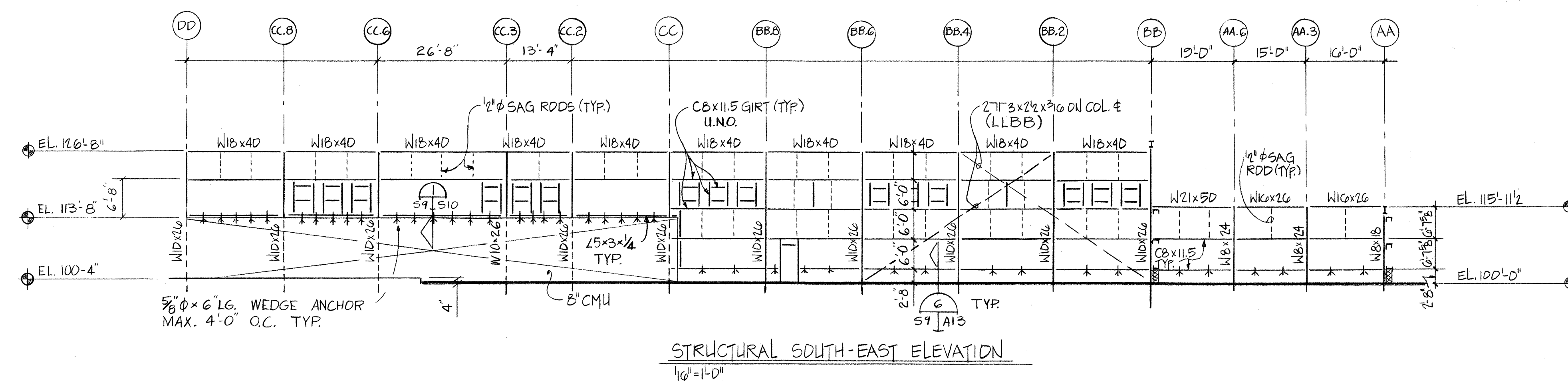
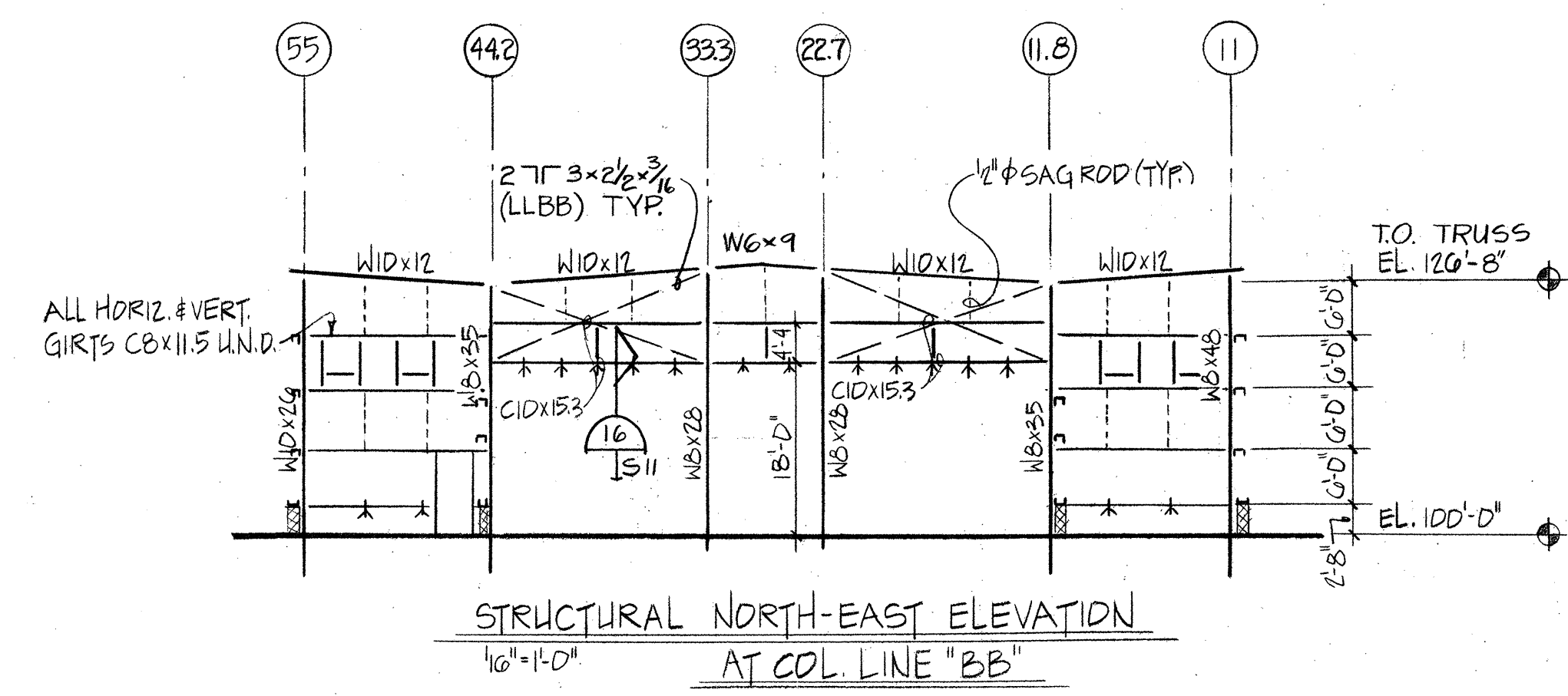
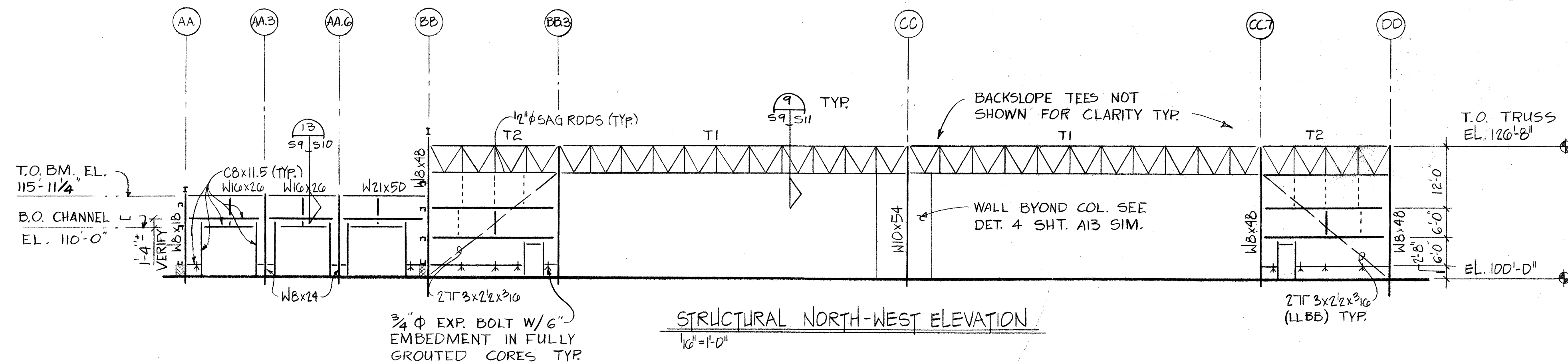
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05-11-13	DR	PRELIMINARY DESIGN
05-11-13	CK	OWNER REVIEW
05-11-13	APP	OWNER FINAL REVIEW
05-11-13	IN CHARGE	OWNER REVIEW
		ISSUED FOR

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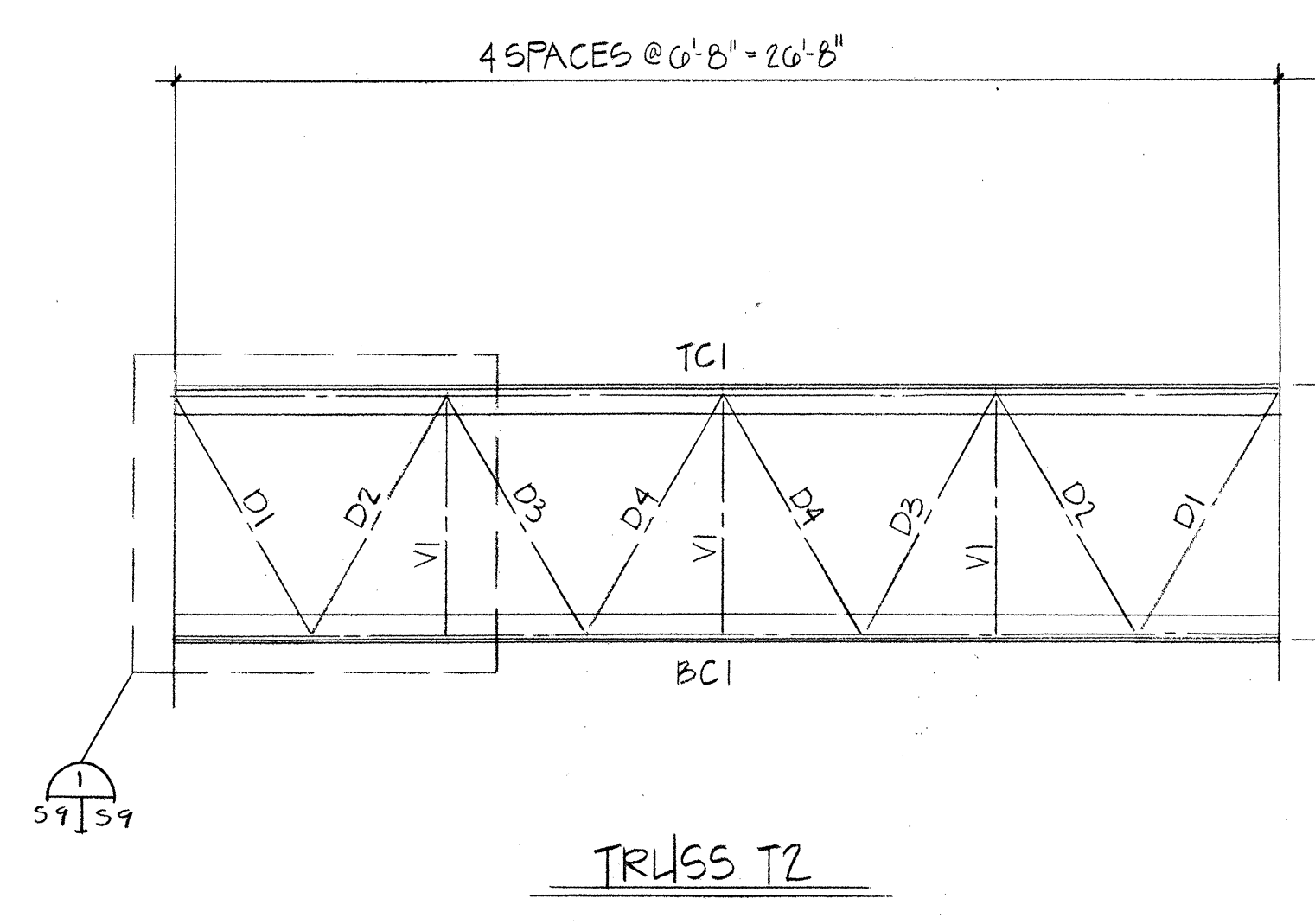
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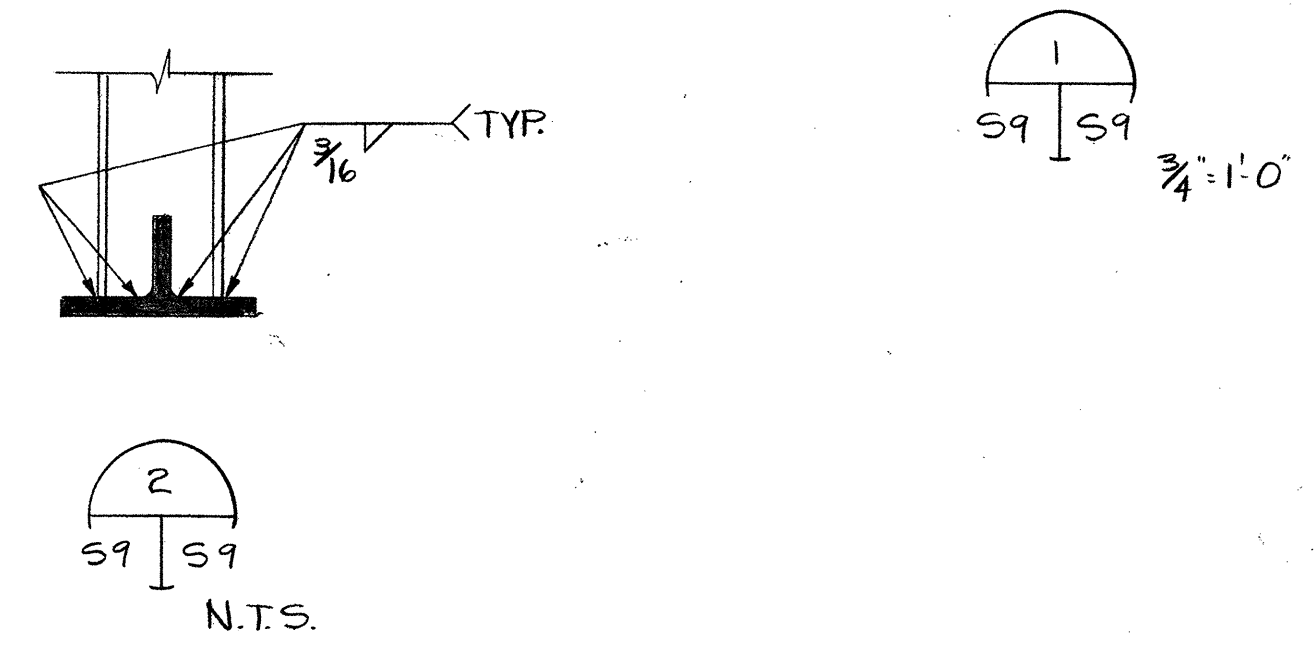
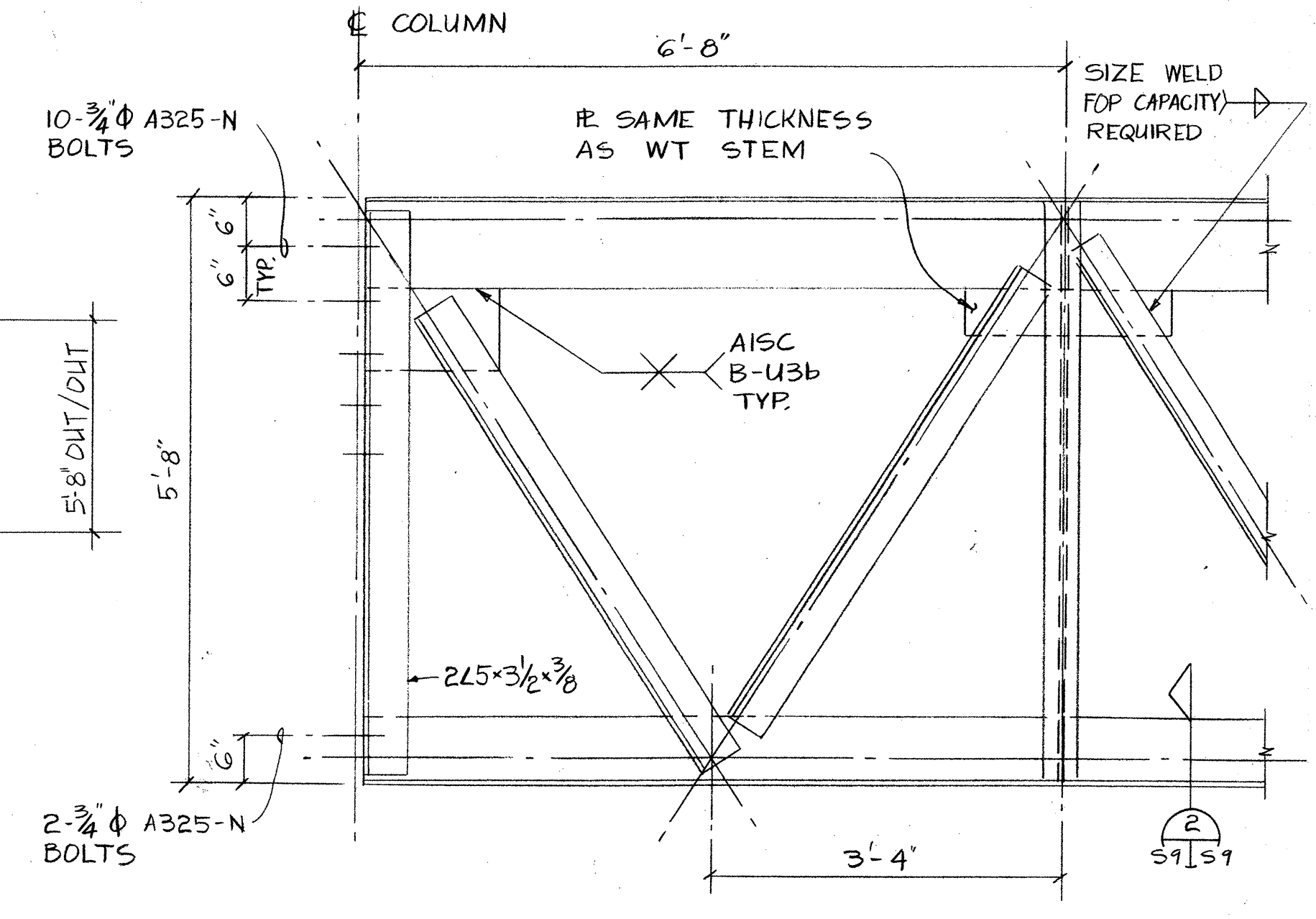
MARK	MEMBER SIZE	FORCE (KIPS)
TC1	WT 105 x G1	345
TC2	WT 9 x 43	242
BC1	WT 7 x 54.5	345
BC2	WT 6 x 43.5	270
-	-	-
D1	2L 5 x 3 1/2 x 5/16	110
D2	2L 5 x 3 1/2 x 3/8	110
D3	2L 4 x 3 x 5/16	87
D4	2L 4 x 2 1/2 x 3/8	87
D5	2L 2 1/2 x 2 x 3/8	60
D6	2L 4 x 3 x 5/16	60
D7	2L 2 1/2 x 2 x 4	45
D8	2L 3 1/2 x 2 1/2 x 4	45
D9	2L 2 1/2 x 2 x 3/16	22
D10	2L 2 1/2 x 2 x 3/16	22
D11	2L 2 1/2 x 2 x 3/16	DESIGN FOR 5
-	-	-
VI	WB 8 x 10	DESIGN FOR 5

ALL DOUBLE ANGLES LONG LEGS BACK TO BACK



MARK	MEMBER SIZE	FORCE (KIPS)
TC1	WT 4 x 9	40
BC1	WT 3 x 7.5	40
-	-	-
D1	2L 2 1/2 x 2 x 3/16	35
D2	2L 3 x 2 x 1/4	35
D3	2L 2 1/2 x 2 x 3/16	15
D4	2L 2 1/2 x 2 x 3/16	15
-	-	-
VI	WB 8 x 10	DESIGN FOR 5

ALL DOUBLE ANGLES LONG LEGS BACK TO BACK



DATE RGS
DR MCE
CK
APP
B. WALKER
IN CHARGE

DATE
ISSUED FOR

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