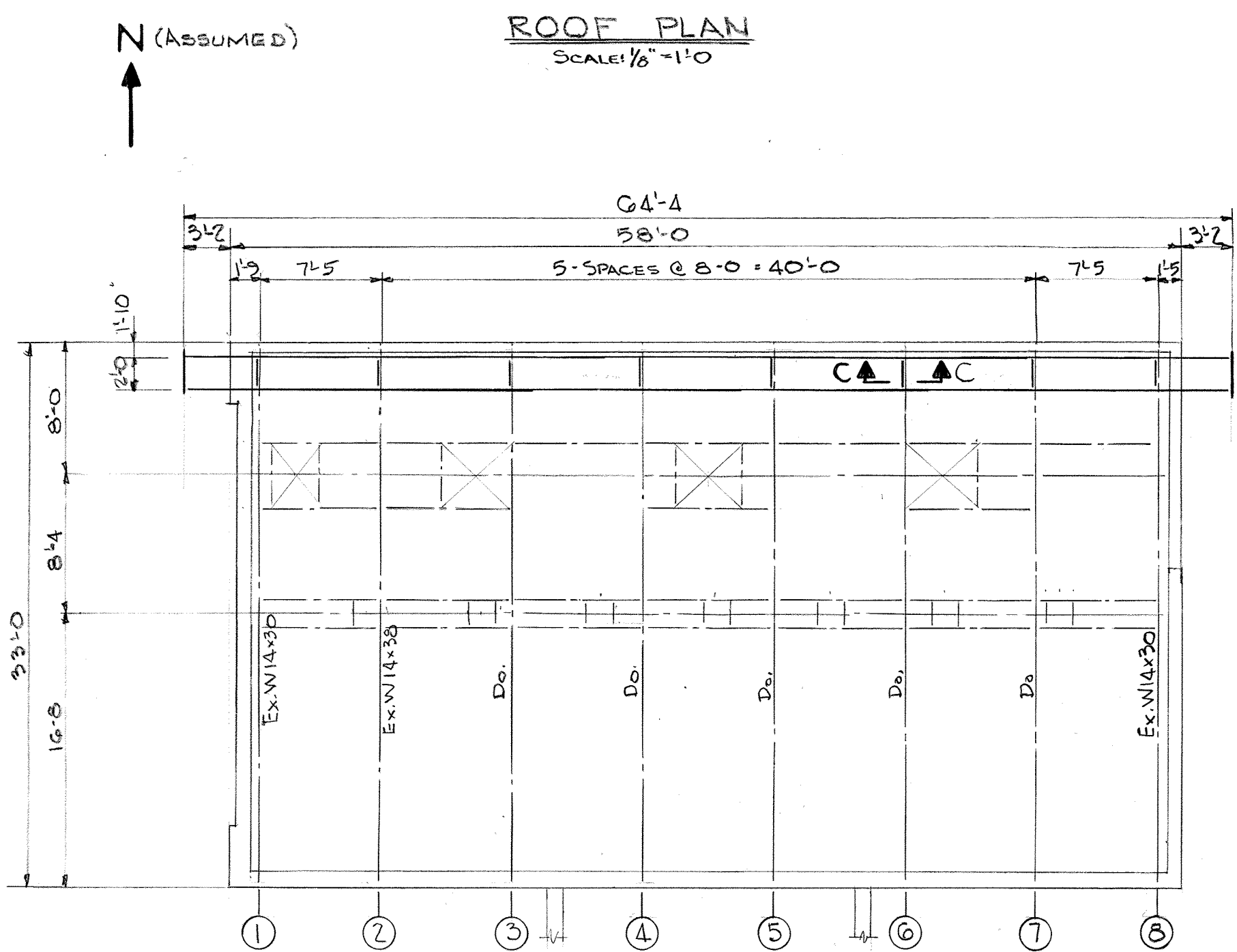
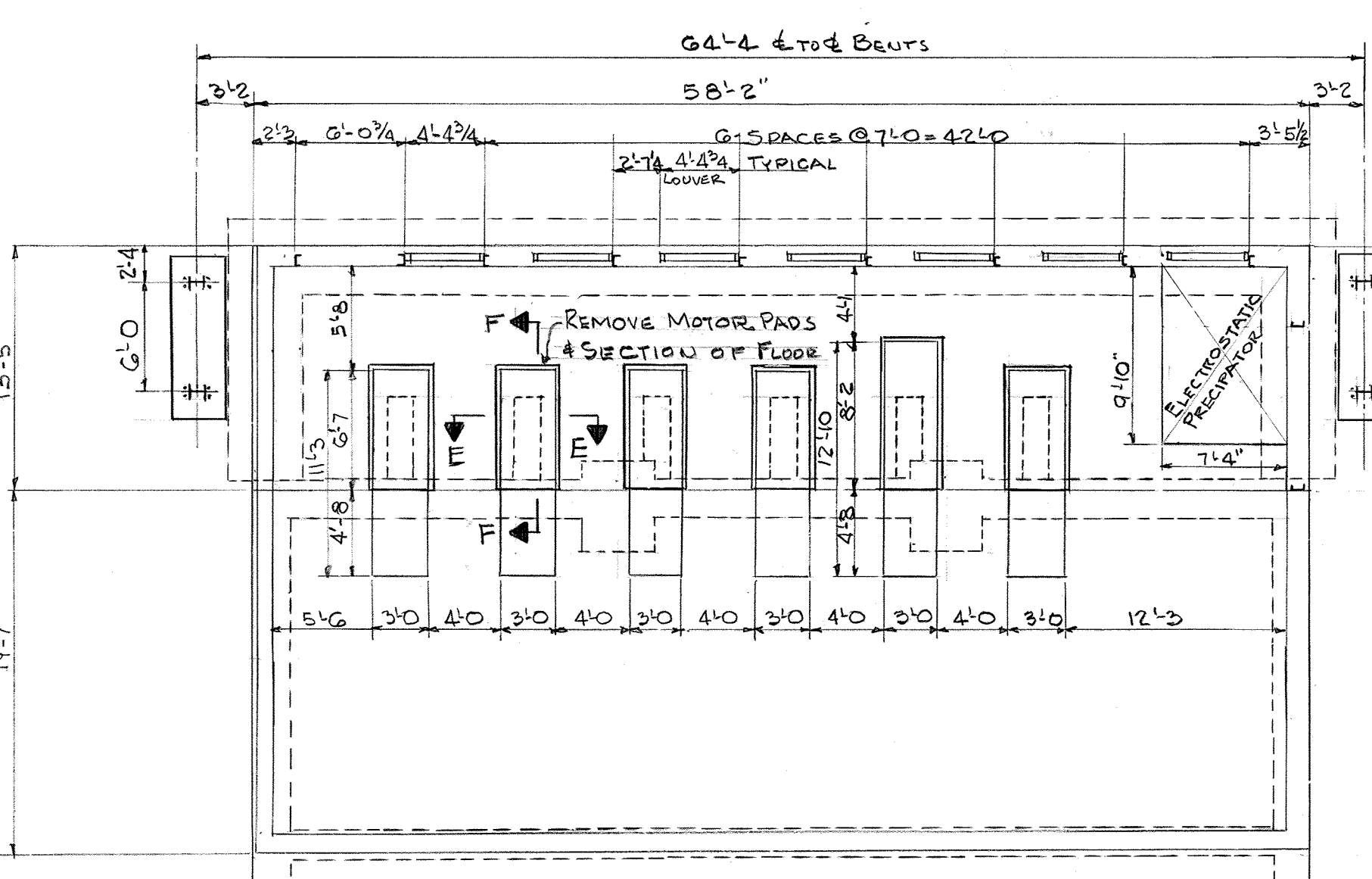


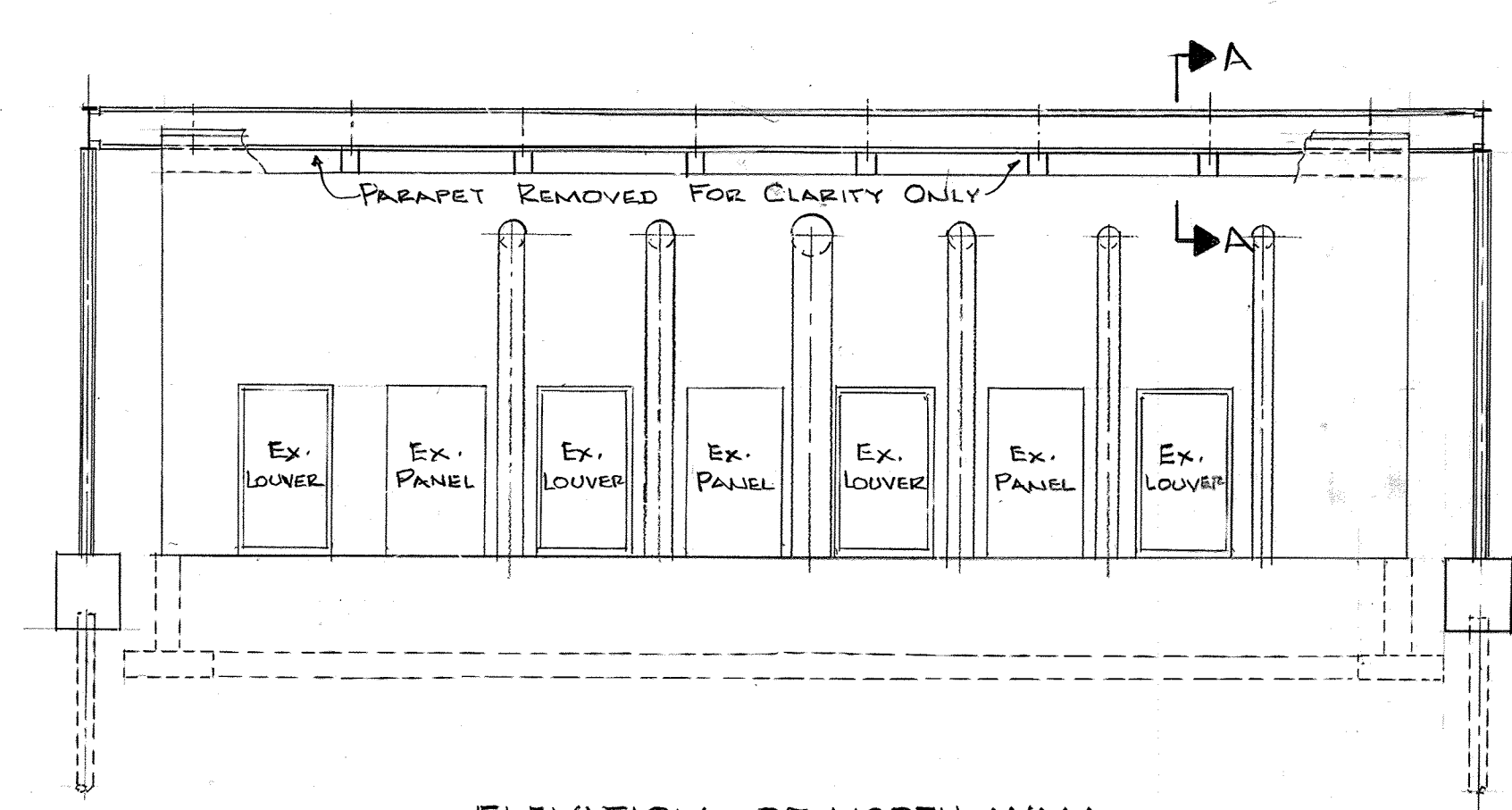
ROOF PLAN
SCALE: 1/8" = 1'-0"



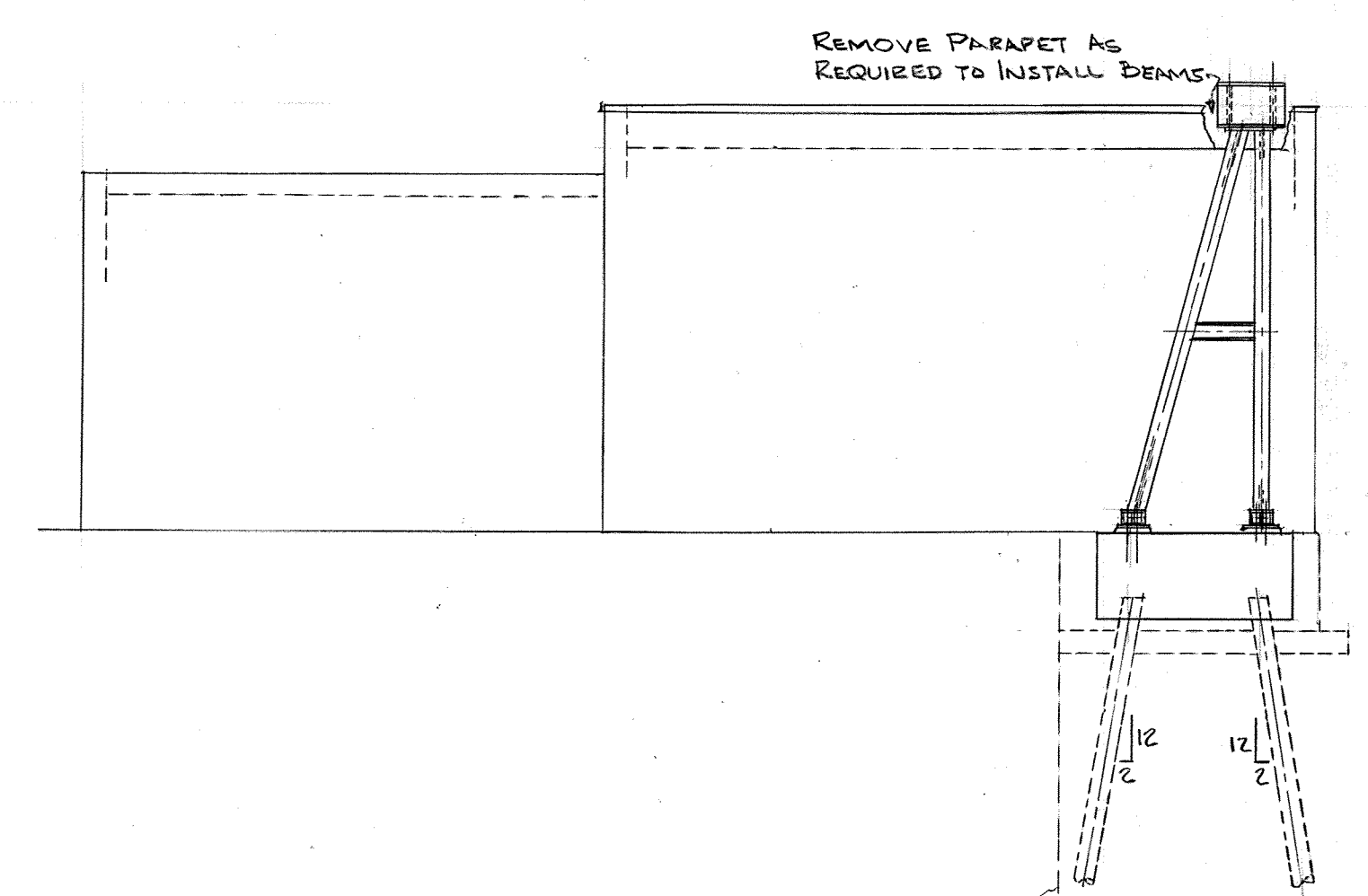
ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"



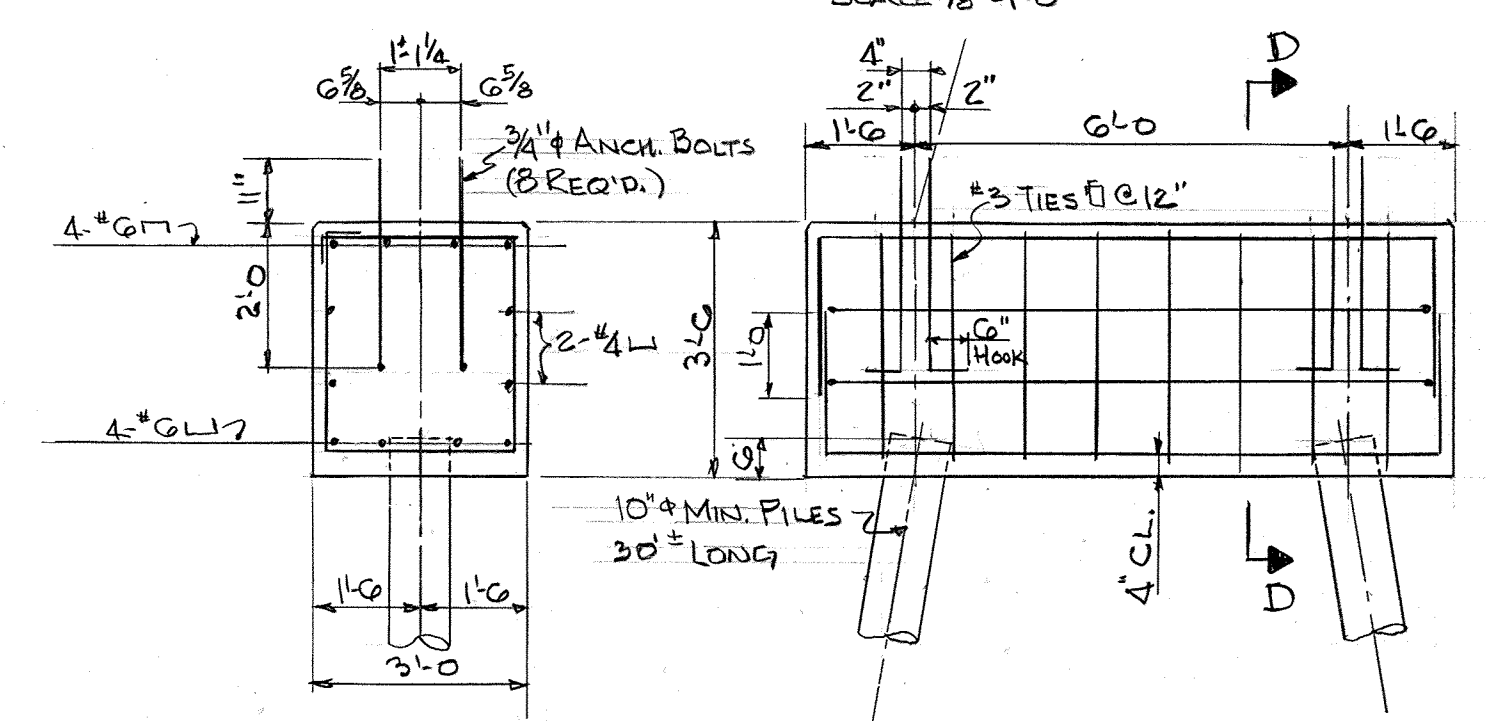
OPERATING FLOOR PLAN
SCALE: 1/8" = 1'-0"



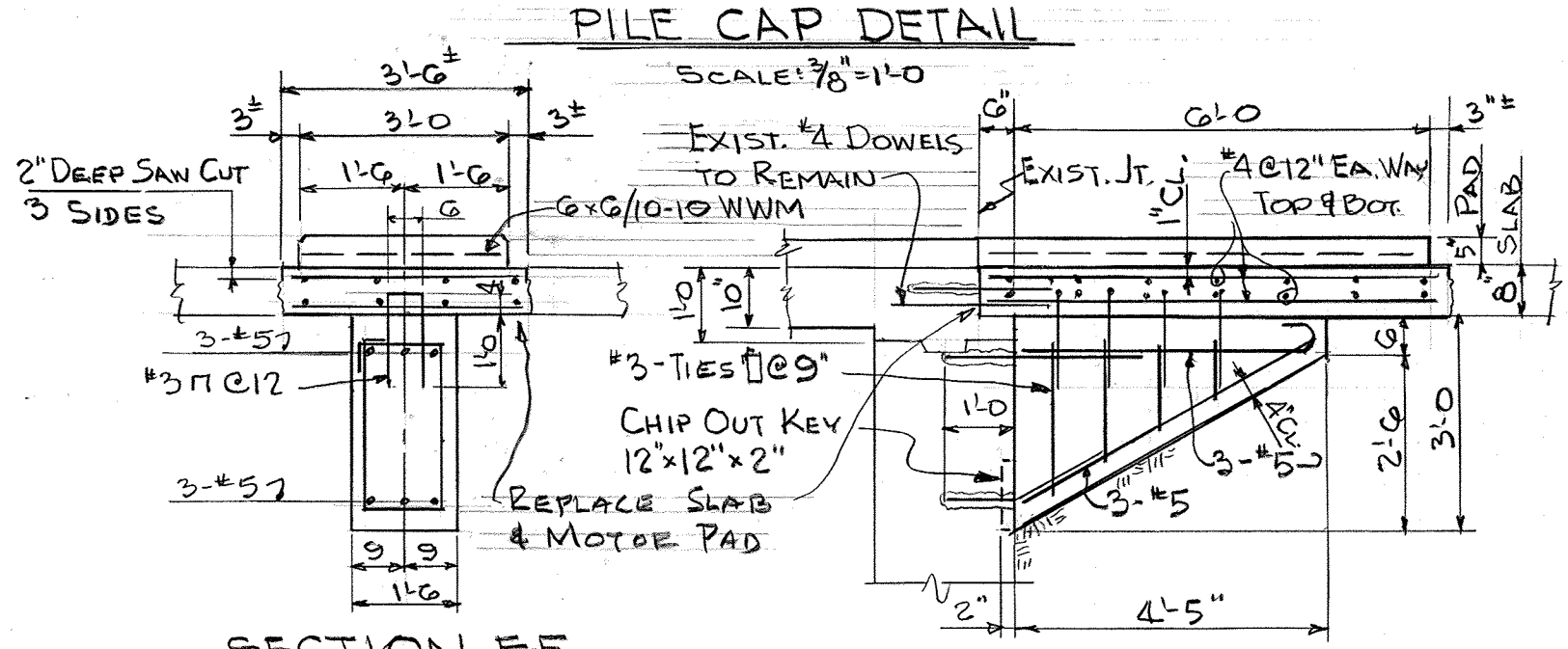
ELEVATION OF NORTH WALL
SCALE: 1/8" = 1'-0"



ELEVATION OF EAST WALL
SCALE: 1/8" = 1'-0"



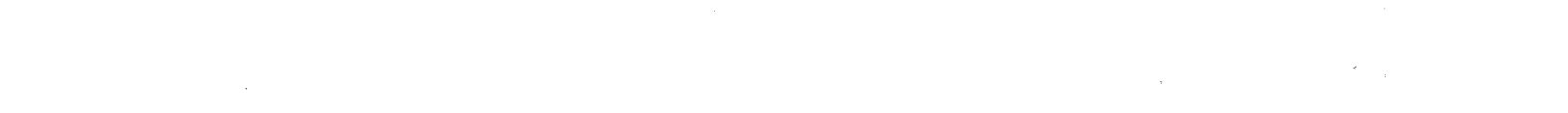
SECTION D-D ELEVATION
SCALE: 1/8" = 1'-0"



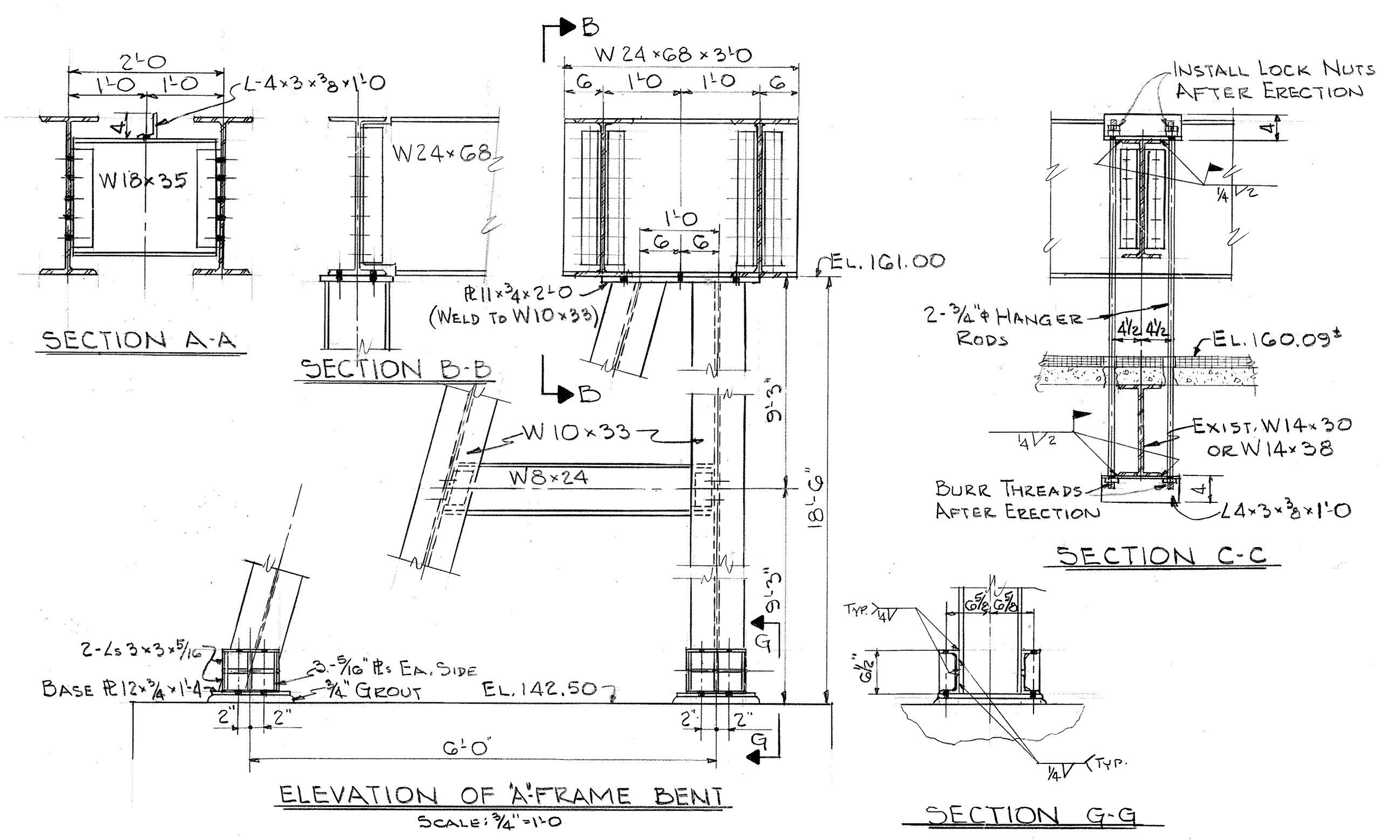
PILE CAP DETAIL
SCALE: 1/8" = 1'-0"



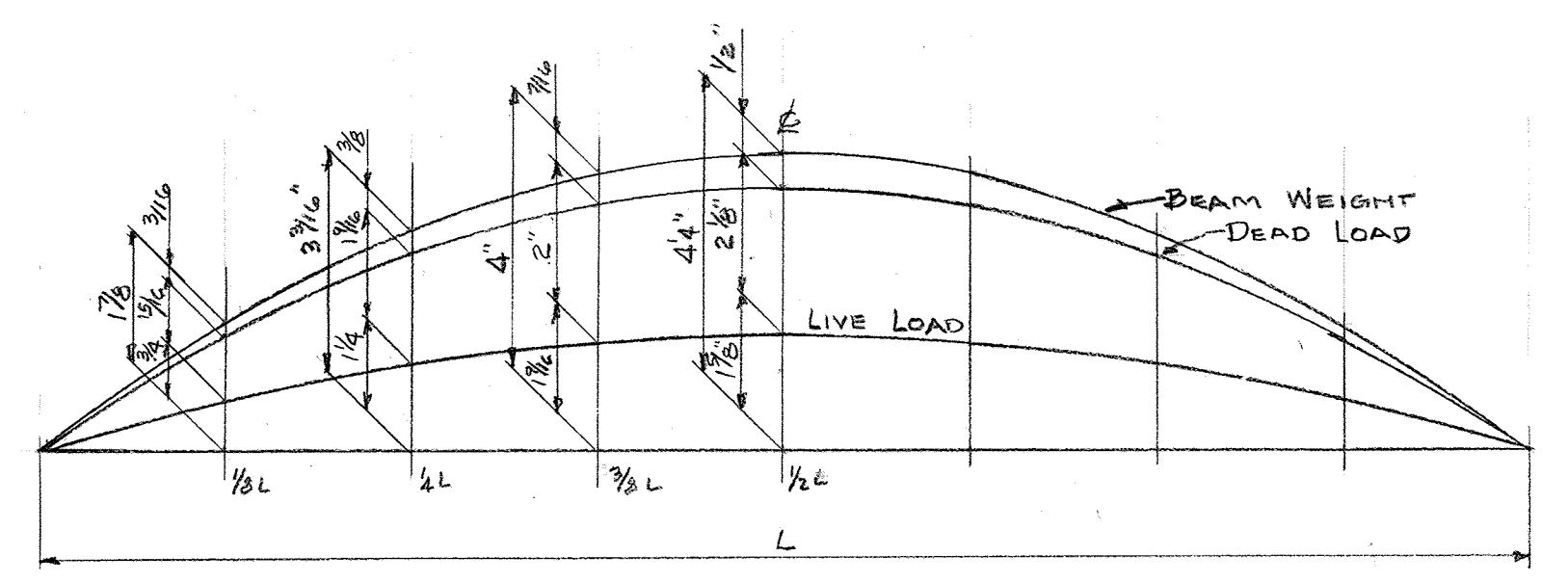
SECTION E-E
SCALE: 1/8" = 1'-0"



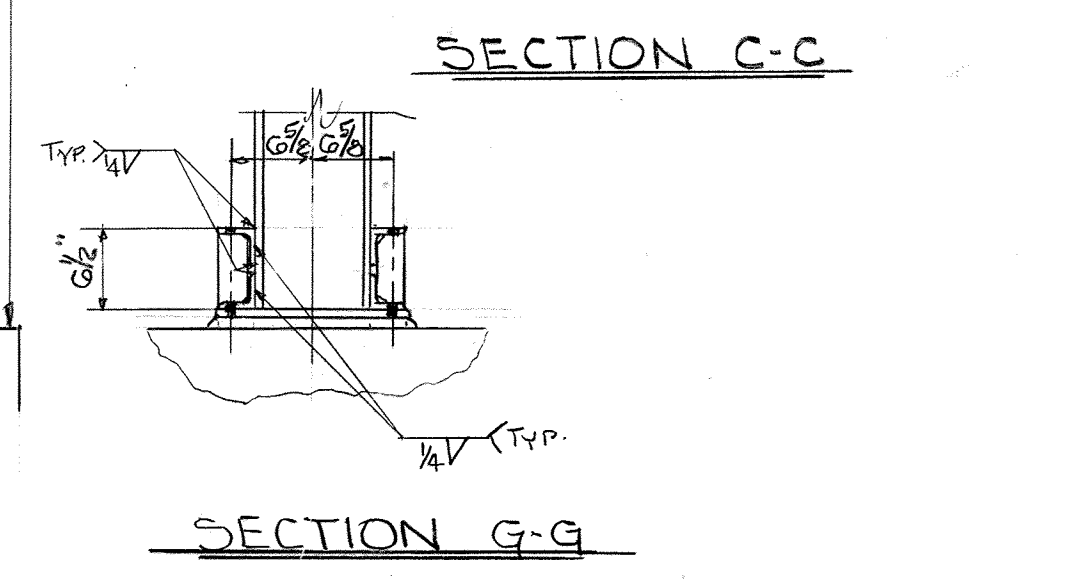
SECTION F-F
SCALE: 1/8" = 1'-0"



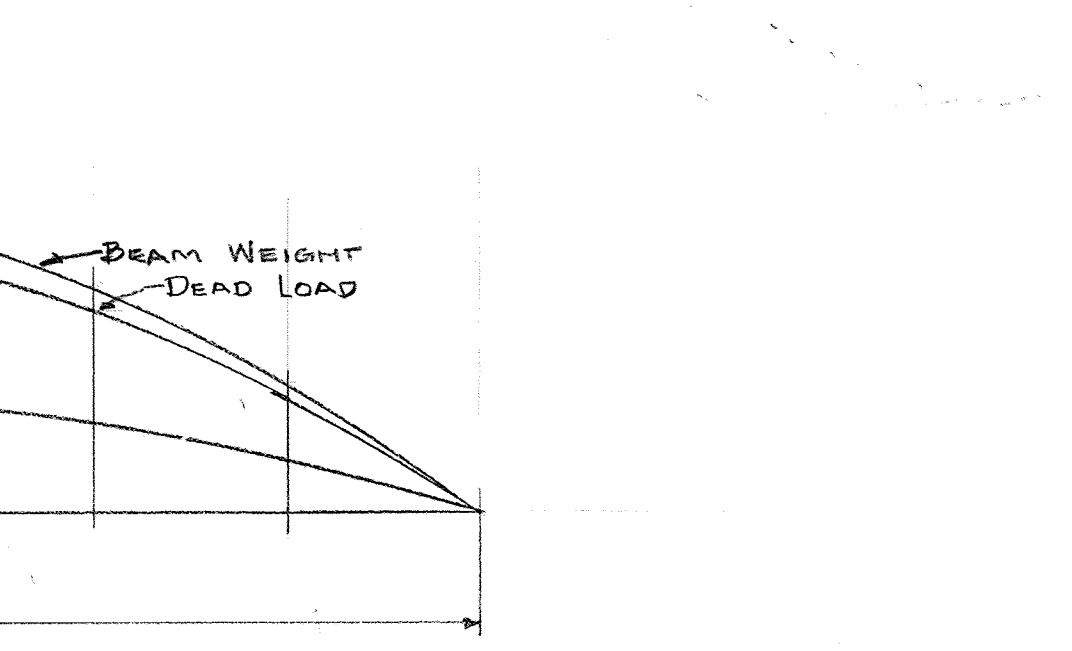
ELEVATION OF A-FRAME BENT
SCALE: 1/4" = 1'-0"



BEAM CAMBER DIAGRAM



SECTION C-C



SECTION G-G

GENERAL NOTES

- LOADS: ROOF DEAD LOAD - WEIGHT OF MATERIALS; LIVE LOAD - 30 PSF.
- PILES: CAST-IN-PLACE CONCRETE PILES SHALL BE 10" DIAMETER MINIMUM AND BE CAPABLE OF CARRYING 15 TONS EACH. HOLES FOR THE PILES SHALL BE AUGERED. CONCRETE SHALL BE AIR ENTRAINED S.H.A. MIX NO. 3. PILES ARE ESTIMATED TO BE 30 FEET LONG. (TREATED TIMBER PILES MAY BE USED.)
- STRUCTURAL CONCRETE: ALL STRUCTURAL CONCRETE SHALL BE AIR ENTRAINED S.H.A. MIX NO. 3 WITH 3500 PSI MINIMUM COMPRESSION STRENGTH AFTER 28 DAYS.
- REINFORCING STEEL: REINFORCING STEEL SHALL BE HIGH STRENGTH NEW BILLET DEFORMED BARS CONFORMING TO ASTM SPEC. A615, GRADE 60. REINFORCING DETAILS SHALL BE IN ACCORDANCE WITH ACI 318-77 AND CRSI STANDARDS. COVER OVER REINFORCING SHALL BE 2 INCHES UNLESS NOTED OTHERWISE ON THE PLANS.
- STRUCTURAL STEEL: STRUCTURAL STEEL SHALL CONFORM TO ASTM SPEC. A-36 AND SHALL BE FABRICATED IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR BUILDINGS. SHOP CONNECTIONS MAY BE WELDED OR BOLTED, FIELD CONNECTIONS OF NEW STEEL SHALL BE BOLTED, FIELD CONNECTIONS TO EXISTING STEEL MAY BE EITHER WELDED OR BOLTED. ALL BOLTS SHALL BE HIGH STRENGTH TYPE A-325 AND SHALL BE TIGHTENED BY THE TURN OF THE NUT METHOD. STEEL RODS SHALL BE A-36 STEEL OR EQUIVALENT WITH A MINIMUM YIELD STRENGTH OF 36KSI.
- FIELD DIMENSIONS: ALL DIMENSIONS OF EXISTING CONSTRUCTION SHALL BE FIELD VERIFIED PRIOR TO STARTING WORK OR FABRICATING STEEL. DEVIATIONS FROM THOSE SHOWN ON THE PLANS SHALL BE FURNISHED TO THE COUNTY DEPARTMENT PUBLIC WORKS.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Director of Public Works: *John F. Nemy* DATE: *11-6-85*
Chief, Bureau of Engineering: *Mark L. ...* DATE: *11-6-85*

ARCHITECTURAL REGISTRATION BOARD
STATE OF MARYLAND
DES: SCHUSTER
DRN: J.G.S.
CHK:
DATE: 11-1-85

BY	NO.	REVISION	DATE

600' SCALE MAP NO. _____ BLOCK NO. _____

ROOF SUPPORT SYSTEM
SAVAGE SEWAGE TREATMENT PLANT
ALTERATIONS TO BLOWER BUILDING
CAPITAL PROJECT S-6144 CONTRACT No. 20-1402
SCALE AS SHOWN
SHEET 1 OF 2

