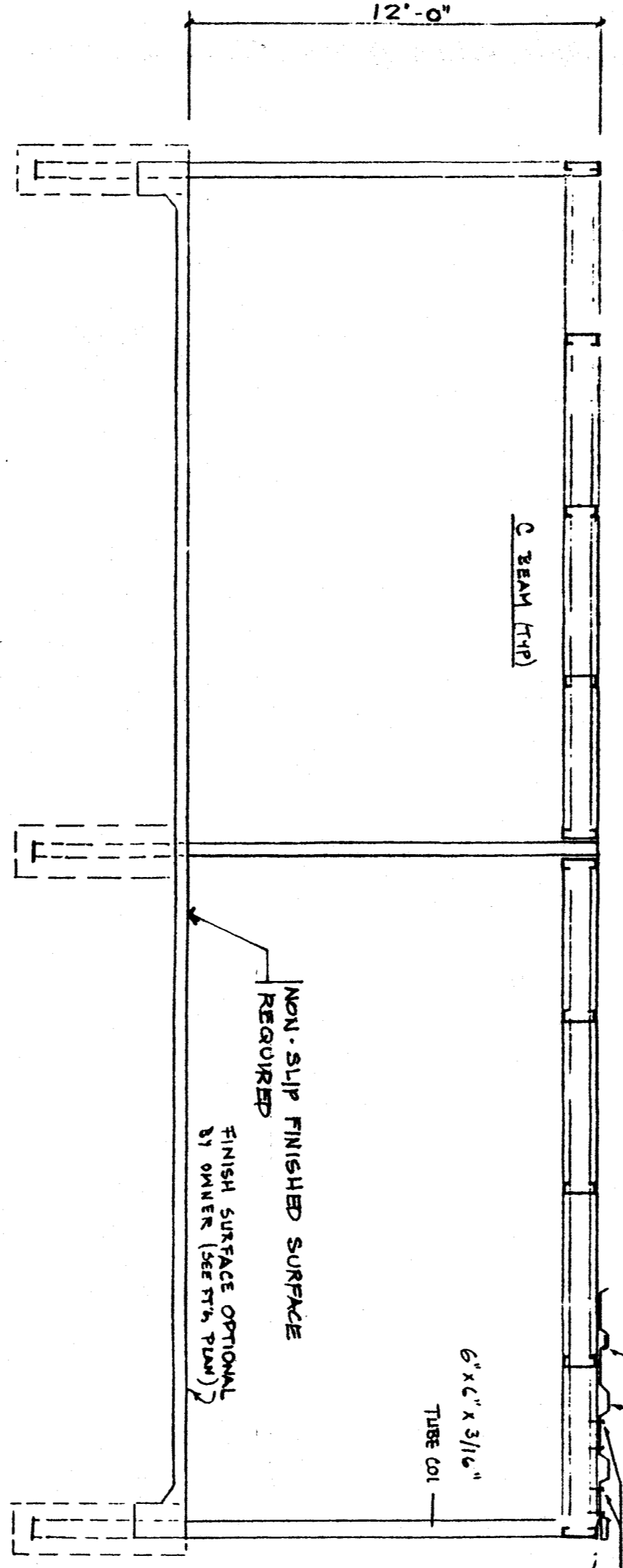
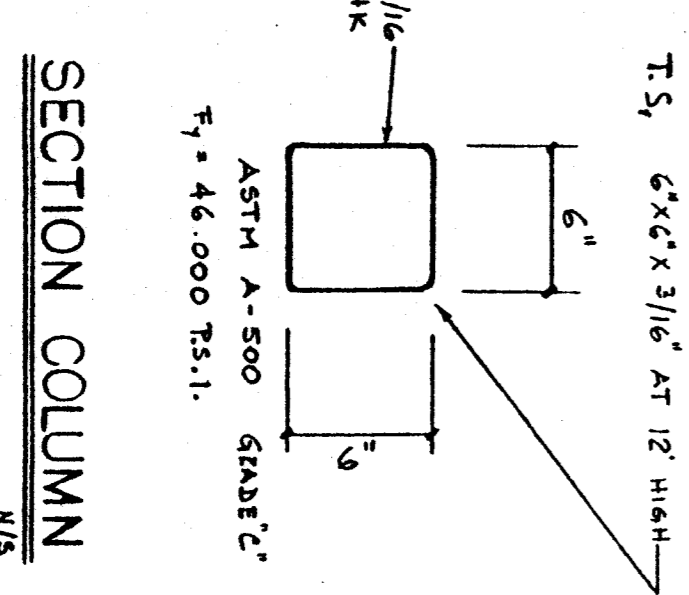
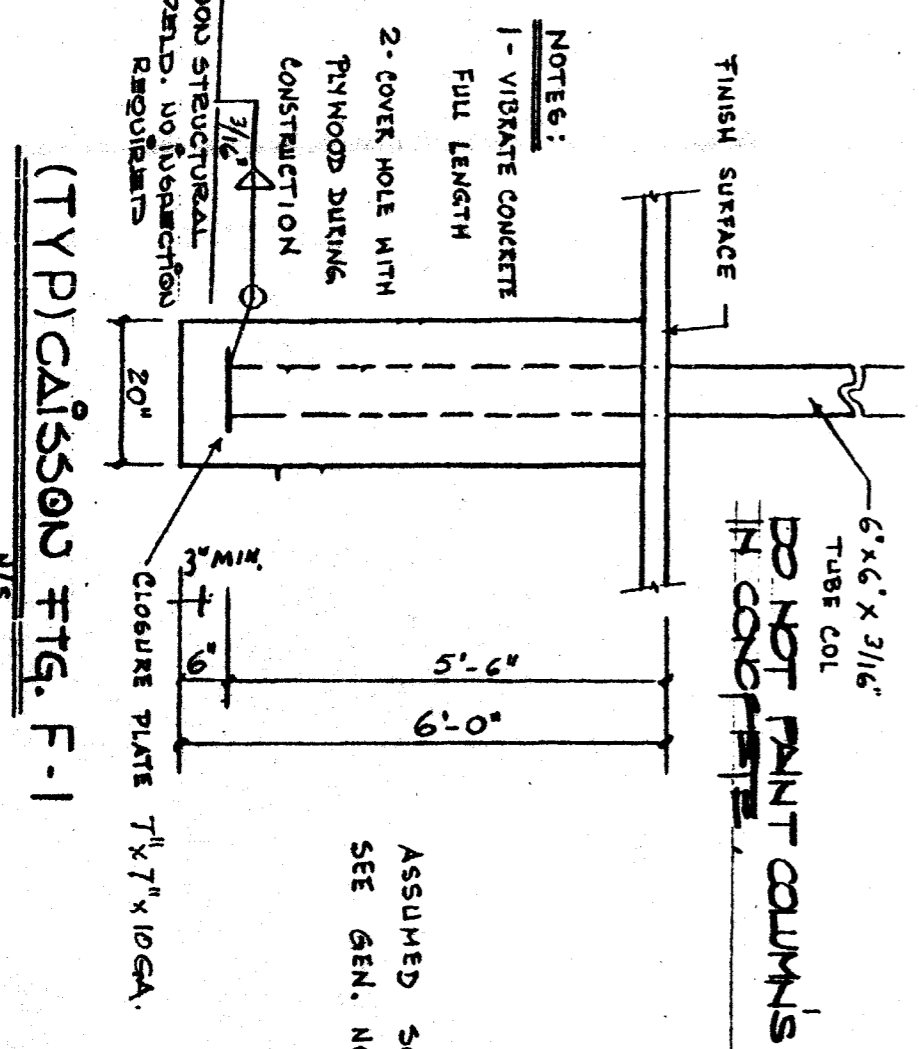


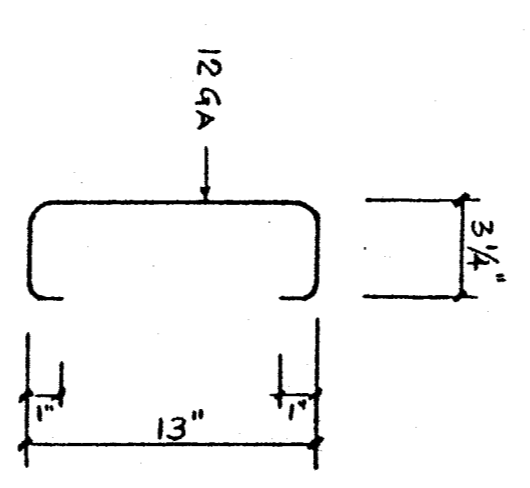
FLOOR PLAN & FOUNDATION PLAN
SC: 1/4"



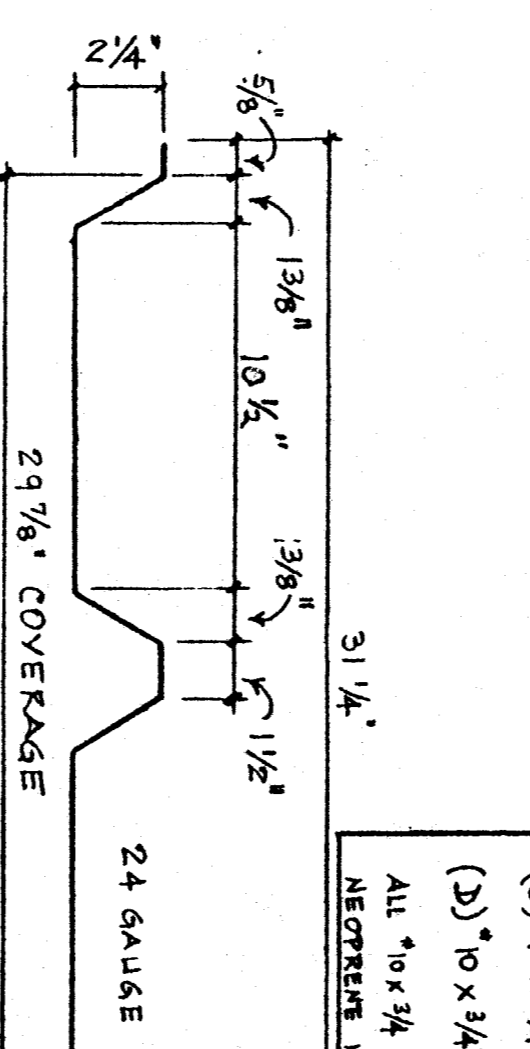
FRAMG SECTION PLAN B
SC: 1/4"



SECTION COLUMN
N/S

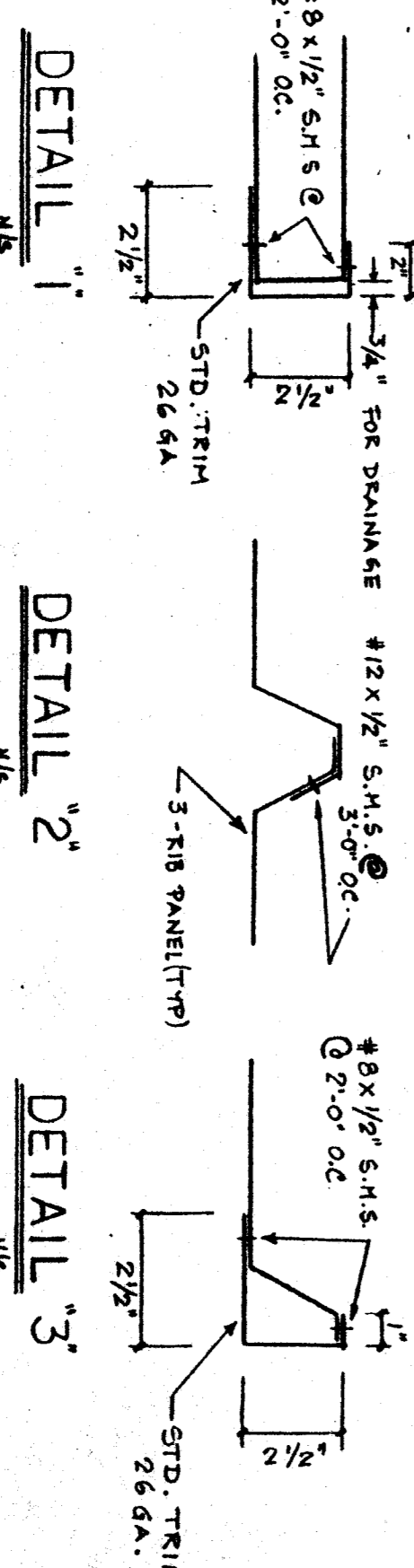


SECTION C - BEAM
N/S



SECTION 3-RIB ROOFDECK
N/S

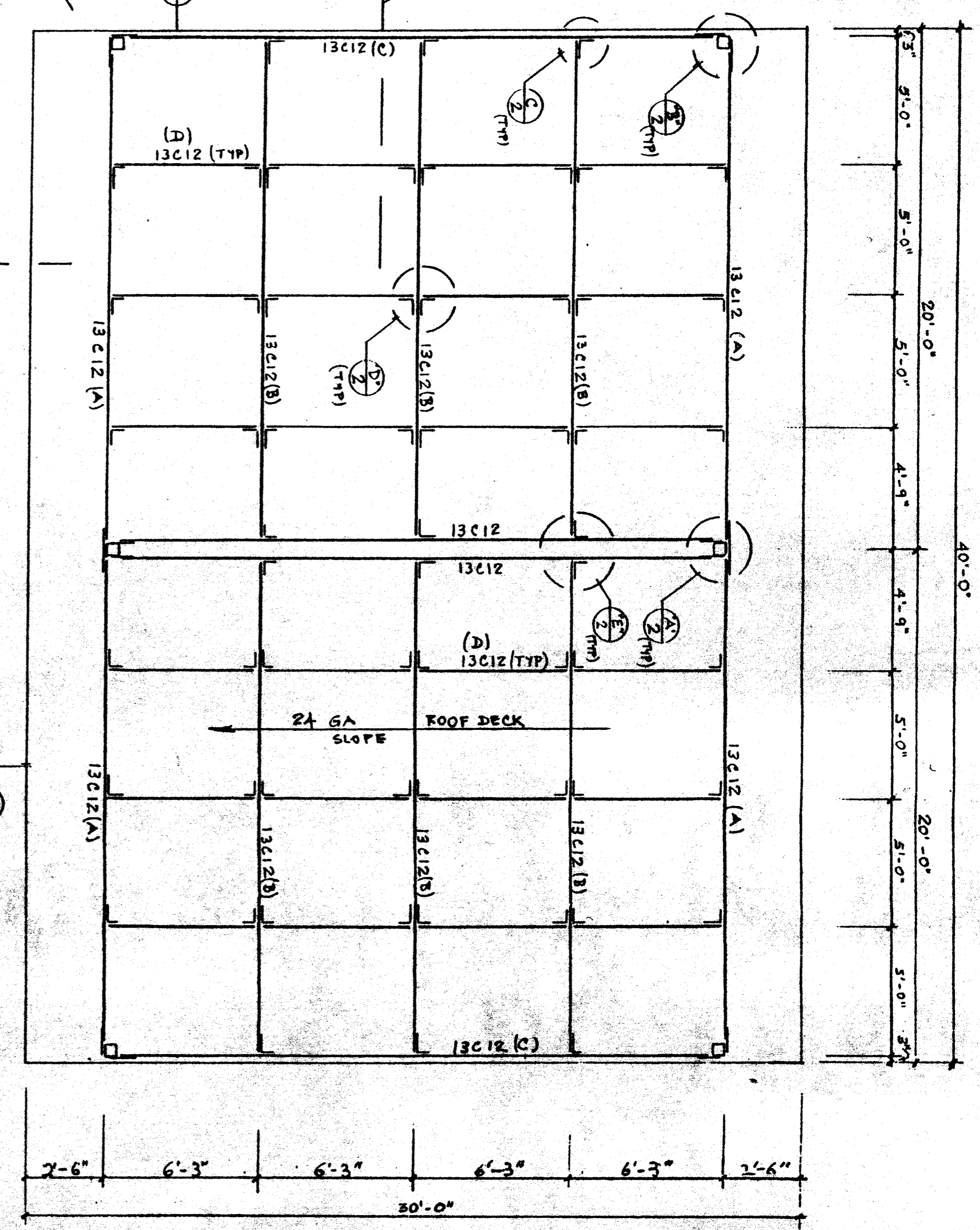
| MEMBER | A | SX | SY | IXX | IYY | IZZ | BYZ |
|-----------|-----------------|------|-----------------------|-----------------------|-------|------|------|
| COLUMN | 6" x 6" x 3/16" | 4.27 | 7.93 | 23.8 | 23.8 | 2.36 | |
| BEAM | 13 C 12 | 2.10 | 7.72 | 0.852 | 50.19 | 2.08 | 1.12 |
| ROOF DECK | 24 GAUSE | 0.68 | S ^x = 0.12 | I ^x = 0.20 | | | |
| | | | S ^y = 0.22 | I ^y = 0.32 | | | |



DETAIL 1
N/S

DETAIL 2
N/S

DETAIL 3
N/S



ROOF FRAMG PLAN
SC: 1/4"

DECK TO BEAM CONNECTION
(A) 10 x 3 1/2" S.S. @ 5' 0" DOUBLE AT FINISHED BEAMS (B) PER SHEET (C) 10 x 3 1/2" S.S. @ 5' 0" 6" FROM SHEET AT INTERIOR (D) 10 x 3 1/2" S.S. @ 6' 0" DOUBLED
All 10 x 3 1/2" S.S. STEELS WITH 5/16" DIAMETER STEEL BALLS NECESSARY WELDMENTS.

ADDITIONAL GENERAL NOTES
15. Changes to the approved drawings and specifications shall be made by an addendum change order approved by the Office of the State Architect, as required by Section 4-135, Part 1, Title 24, CCR.
16. A project inspector employed by the district (owner) and approved by the Office of the State Architect shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-142, Part 1, Title 24, CCR.
17. Occupancy capacity factors of any fire-rated walls, floors, partitions, or other fire-resisting or fire-retardant construction shall be as shown on the drawings, or as specified in the applicable code.

- Minimum column embedment 3' 6"
- All beams and roofdeck to be galvanized by hot dip process conforming to ASTM A 123 - 68A.
- Columns to be field painted, prime and finish coat.
- Galv. plates used based on metal thickness.
- Design conforms to applicable codes. Title 24, CCR, parts 1 & 2, 1998 CALIFORNIA BUILDING CODE. Live load - 20 PSF Dead load - 2.5 PSF Wind load - 20 PSF Exposure "C" (no snow load)
- This structure is NOT designed for snow load.
- Reference to the galvanized, cadmium plated, or stainless steel has been thru metal side plates, and shall be power galvanized with weather steel integrally with the metal. Bolt shall be A-307 American standard.
- All shop welds shall be done by or inspected by welder certified in accordance with AWS code for welding, building construction.
- Concrete 3000 PSI in 28 days.
- No batch plant inspection per sec. 1925, A 5.
- Assumed soil (SEE NOTE 7) Bearing value 1000 PSF Skin friction value 167 PSF Passive value 100 PSF/ft of depth Footing design loads Vertical 2826 lbs. Uplift 7200 lbs.
- Soil engineer shall determine soil bearing pressure and skin friction capacity of soil to resist values shown above for each site.
- All independent testing and inspections shall be paid for by the owner.
- These drawings are NOT for construction. Submitted to Office of State Architect and an application no. will be required for approval. Specify type of soil and geotechnical hazard report or statement for each application. Structural drawings and specifications do not include necessary components for construction safety.
- No electrical work included.

IDENTIFICATION STAMP
DATE: 10/25/05
APPROVED BY: [Signature]
DATE: 10/25/05

DRAWING INDEX
PAGE 1 - FLOOR & FOUNDATION PLAN
PAGE 2 - TESTING & INSPECTION REQUIREMENTS
PAGE 3 - CONNECTION DETAILS

APPROVED BY: [Signature]
DATE: 10/25/05

APPROVED BY: [Signature]
DATE: 10/25/05

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JOB LOCATION

CUSTOMER
SCHOOL SHADE STRUCTURE
STATE OF CALIF. STD.
PC-249

DATE: 10/25/05