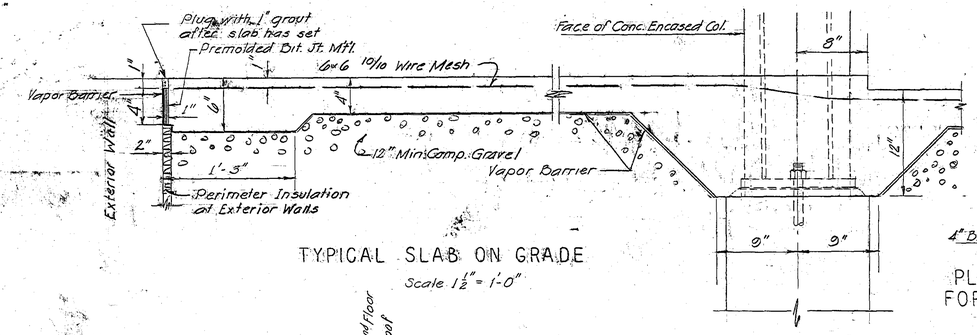
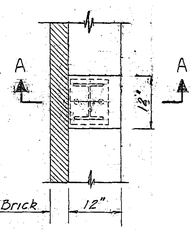


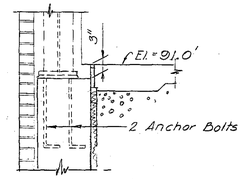
TYPICAL SLAB ON GRADE

Scale $1\frac{1}{2}$" = 1'-0"

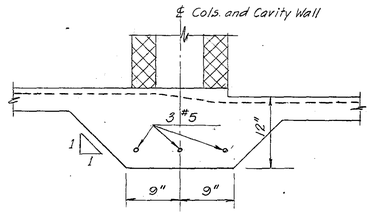


PLAN OF POCKET FOR STEEL COLUMN

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

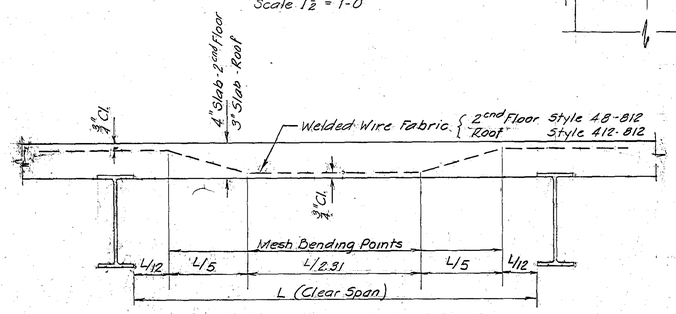


SECTION A-A



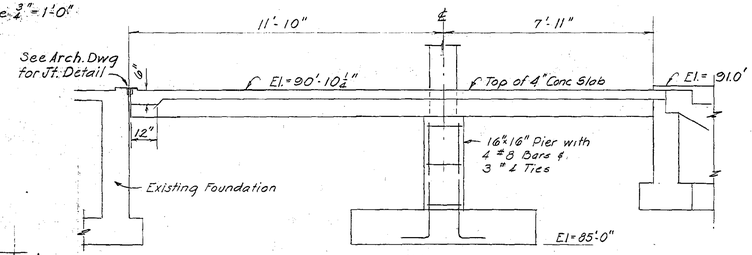
FOOTING "B"

Scale 1" = 1'-0"



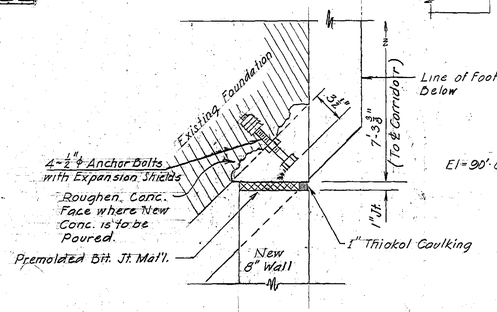
TYPICAL STRUCTURAL SLAB

Scale $1\frac{1}{2}$" = 1'-0"



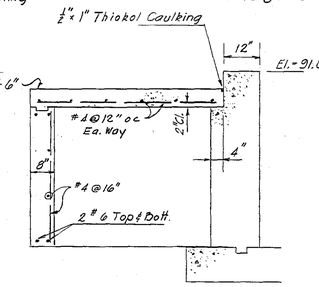
SECTION K-K

Scale $\frac{3}{8}$" = 1'-0"



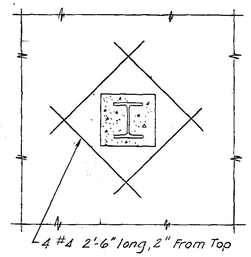
DETAIL "A"

Scale: $1\frac{1}{2}$" = 1'-0"

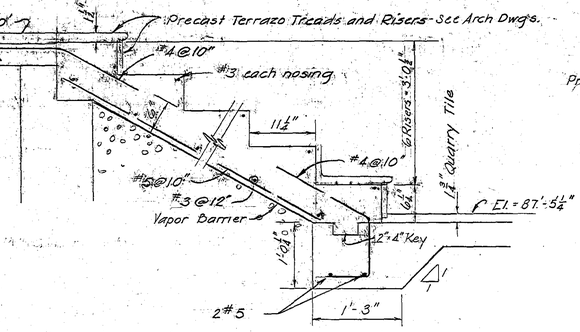


SECTION L-L

Scale $\frac{1}{2}$" = 1'-0"

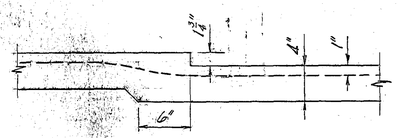


REINFORCEMENT IN SLAB AROUND COLUMNS



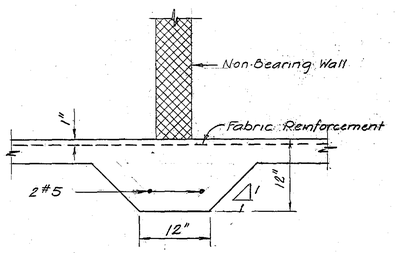
CORRIDOR STAIR

Scale 1" = 1'-0"



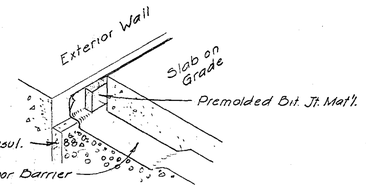
SECTION THRU STEP IN DROPPED SLAB

Scale $1\frac{1}{2}$" = 1'-0"

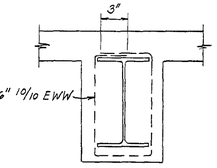


FOOTING "A"

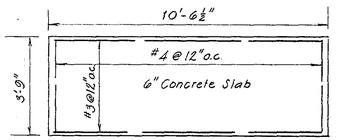
Scale 1" = 1'-0"



JOINT BETWEEN SLAB-ON-GRADE AND EXTERIOR WALL



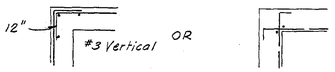
CAGING DETAIL



ENTRANCE SLAB

GENERAL NOTES

1. Allowable Live Loads (Lbs/Sq. Ft.)
   Roof 30 Classrooms 60
   Corridors 100 Stairs 100
2. Allowable Maximum Soil Bearing Pressure 1 Ton/Sq. Ft.
3. All Concrete shall have a minimum compressive strength of 3000 psi @ 28 days
4. Concrete coverage of reinforcing steel shall be:
   3" for bottom of footings
   2" for other concrete in contact with soil
   1½" for conc. beams, piers and columns not in contact with soil
   ¾" for slabs
5. All reinforcement shall be New Billet Steel of Intermediate or Hard Grade conforming to ASTM A-315 revised to date. All Welded Wire Fabric for concrete reinforcing shall conform to ASTM A-185 revised to date
6. Lap all bars 30 diameters at splices
7. Steel @ wall corners to be as shown below:



8. Unless otherwise shown, concrete walls to be reinforced with 2 #6 T&B and #4@16"oc Vertical and #3@16"oc Horizontal.
9. Where a construction joint is necessary, vertical or horizontal, a keyway formed with a beveled 2x4 shall be provided and all steel doweled 30 diameters
10. All slabs on grade to be max. 6% air entrained concrete
11. Provide 1" Premolded Bituminous Joint Material around perimeter of all slabs on grade unless otherwise shown.
12. All concrete when poured against existing walls and footings shall be separated by a joint filler.
13. All elevations are based on a floor elevation of 91.0'
    a) Elevations of footings are to bottom of footing
    b) Elevations of slabs are to top of conc. slabs
14. All Column and Exterior Wall footings shall rest on undisturbed soil.
15. All structural steel shall be in accordance with AISC type of construction.
16. Minimum connections except for bracing, shall be designed for a minimum of 10 Kips for welded conn. and 7 Kips for bolted connections.
17. All structural steel which carries masonry shall be shored by the General Contractor until masonry is all on and set. This note applies to steel lintels over 4'0". Note is not intended for beams carrying walls through a floor system.
18. All lintels shall have 6" minimum bearing.
19. The General Contractor shall coordinate the dimensions of the roof, floor and wall openings so the framing properly fits the mechanical and electrical trade requirements.
20. All concrete to receive brick or tile facing shall have steel dove-tailed shaped anchor inserts @ 24"oc.
21. All steel columns shall be encased in concrete with 2" min. cover

VERIFY EXISTING CONDITIONS AND DIMENSIONS AT BUILDING

CITY OF HARTFORD, CONNECTICUT
DEPARTMENT OF ENGINEERING

MARK TWAIN SCHOOL ADDITION
LYME & BURNHAM STS.
HARTFORD, CONN.

DWG N° S-09

SUBMITTED	RECOMMENDED	APPROVED
Samuel E. Doerg	David J. Treibick, CITY ARCHITECT	Peter K. Corcoran, CITY ENGINEER

DESIGN RED DRAWN RED	DAYBOOK NO. 09701-G
TRACED ____ CHECK W.R.	DATE APRIL 16-1962