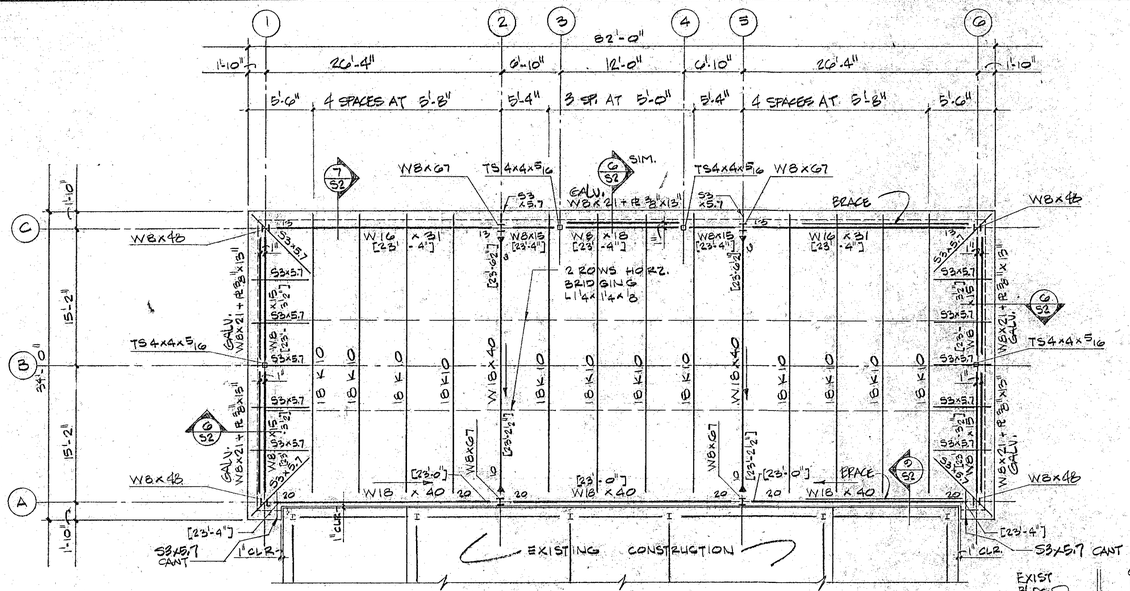
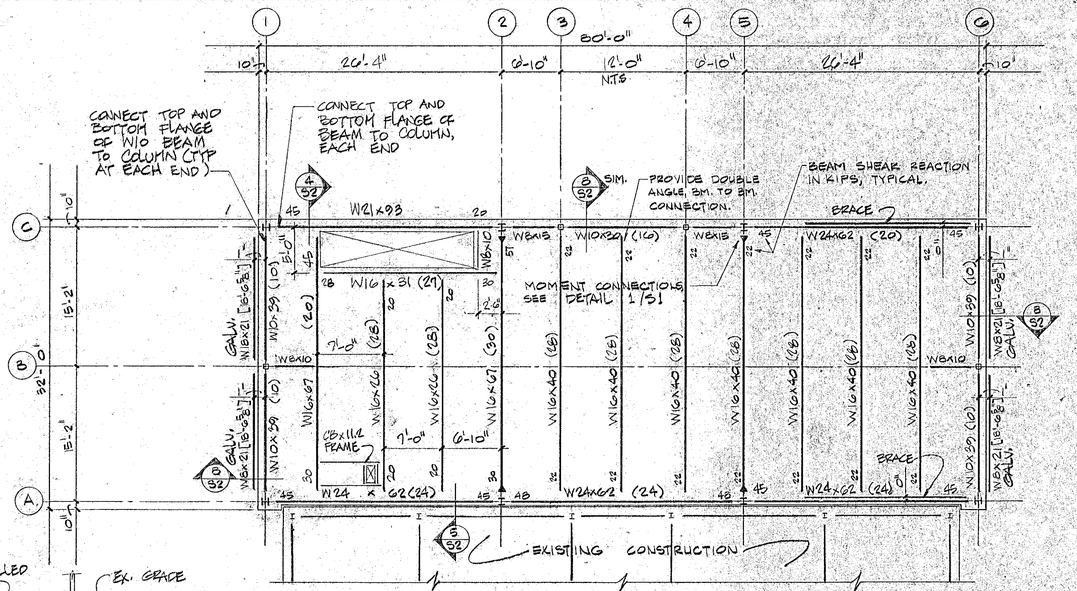


ROOF FRAMING PLAN

3/8"=1'-0"

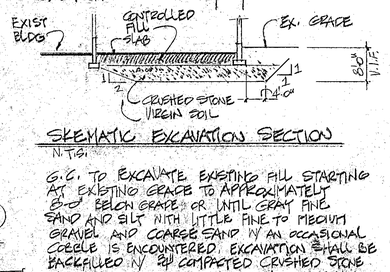
1. TOP OF STEEL ELEVATION NOTED THUS [xxx].
2. ROOF DECK SHALL BE 1½" DEEP, 22 GA. PAINTED, WIDE RIB, TYPE 'B' ROOF DECK BY UNITED STEEL DECK, INC.
3. ▶ DESIGNATES MOMENT CONNECTION, SEE DETAIL 1/S1
4. SHOP WELD S3x5.7 OUTRIGGERS TO W8 COLUMNS AT LINES "2" AND "5" ALONG LINE "C"



UPPER FLOOR FRAMING PLAN

3/8"=1'-0"

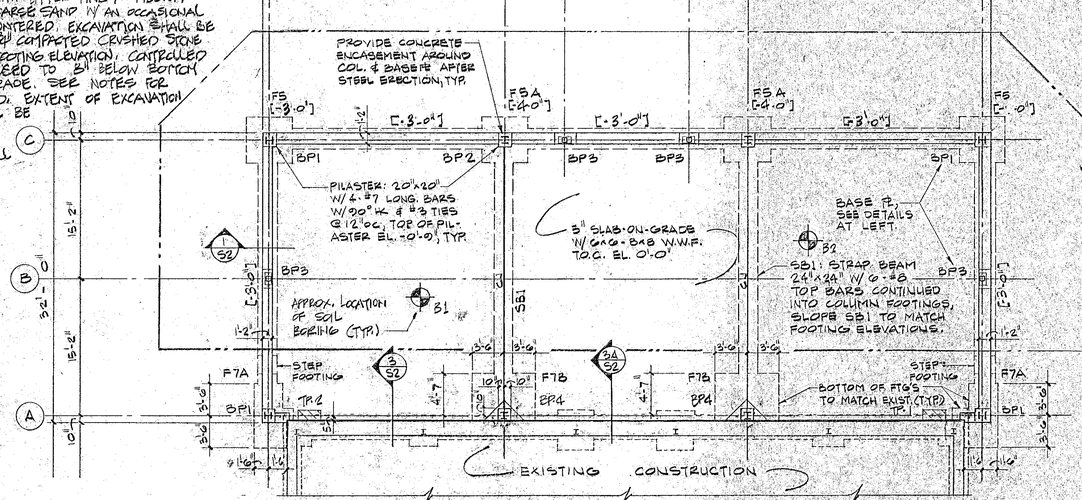
1. TOP OF STEEL ELEVATION IS 11'-7½" UNLESS NOTED [xxx].
2. THE NUMBER OF 3½"dx3½" STEEL STUDS IS NOTED (xxx).
3. FLOOR DECK SHALL BE 2" DEEP, 22 GA., GALV., LOK-FLOOR COMPOSITE FLOOR DECK BY UNITED STEEL DECK, INC.
4. FLOOR SLAB SHALL BE 4½" NORMAL WEIGHT CONC. REINFORCED WITH 6x6-8 x8 W.W.M.



SKEMATIC EXCAVATION SECTION

N.T.S.

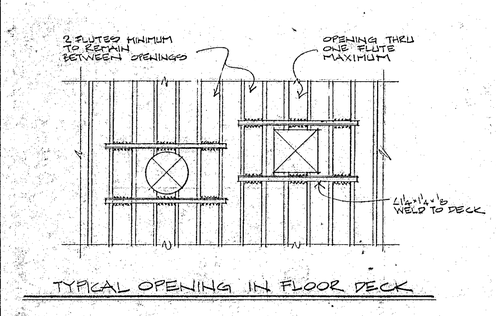
G.C. TO EXCAVATE EXISTING FILL STARTING AT EXISTING GRADE TO APPROXIMATELY 8'-0" BELOW GRADE, OR UNTIL GRAY FINE SAND AND SILT WITH LITTLE FINE TO MEDIUM GRAVEL AND COARSE SAND IN AN OCCASIONAL COBBLE IS ENCOUNTERED. EXCAVATION SHALL BE BACKFILLED W/ 3/4" COMPACTED CRUSHED STONE TO BOTTOM OF FOOTING ELEVATION, CONTROLLED FILL SHALL BE USED TO 8" BELOW BOTTOM OF SLAB-ON-GRADE. SEE NOTES FOR ADDITIONAL INFO. EXTENT OF EXCAVATION AND FILL SHALL BE INSPECTED AND APPROVED BY HERBERT LOBDELL P.E.



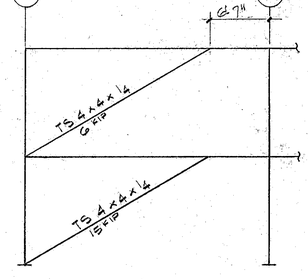
FOUNDATION PLAN

3/8"=1'-0"

1. BOTTOM OF NEW FOOTING ELEVATION NOTED THUS [xxx].
2. DO NOT UNDERMINE EXISTING FOUNDATIONS.
3. TP-# DESIGNATES TEST PIT LOCATION AND NUMBER.
4. SEE ARCH. PLANS FOR CMU WALL LOCATIONS. THICKENED SLAB SHALL BE PROVIDED BENEATH ALL INT. CMU WALLS. SEE DETAIL ON DWG. S1B-2.

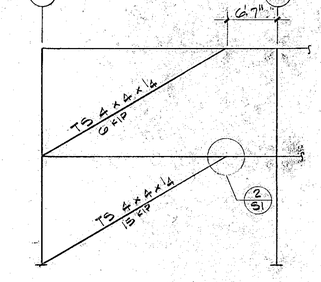


TYPICAL OPENING IN FLOOR DECK



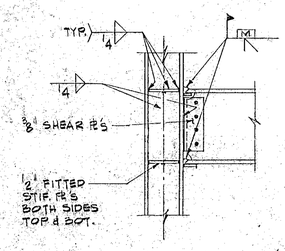
BRACED FRAME ON LINE (A)

3/8"=1'-0"



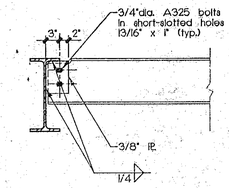
BRACED FRAME ON LINE (C)

3/8"=1'-0"



TYPICAL MOMENT CONNECTION DETAIL (1/S1)

3/4"=1'-0"

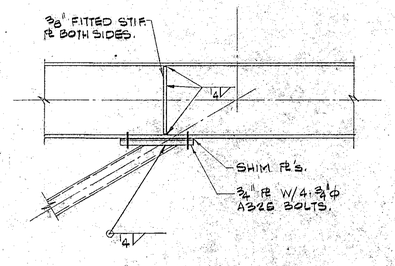


Beam Sizes	No. of Bolts	Load (kips)
W 8,10	2	8.2
W 12,14	3	16.3
W 16	4	26.1

This connection shall not be used where beam reactions indicated on plan exceed the loads indicated above.

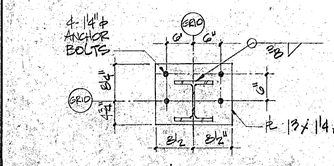
Typical Beam To Girder Connection

3/4"=1'-0"



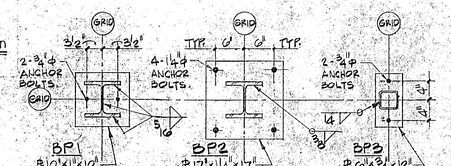
DETAIL (2/S1)

3/4"=1'-0"



BASE PLATE "BP-4" DETAIL

3/4"=1'-0"



BASE PL DETAILS

3/4"=1'-0"

FOOTING SCHEDULE				
MARK	SIZE	THK.	REINFORCING LONG WAY / SHORT WAY	REMARKS
F5	5'-0"x5'-0"	14"	7-#6 / 7-#6	-
F7A	5'-0"x 7'-0"	24"	5-#7 / 8-#6	MATCH BOTTOM OF EXIST. FTG.
F7B	5'-0"x7'-0"	24"	7-#7 / 9-#6	MATCH BOTTOM OF EXIST. FTG.
F5A	5'-0"x5'-0"	24"	7-#6 / 7-#6	-

RECEIVED

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DANBURY SCHOOL REORGANIZATION
CITY OF DANBURY
PARK AVENUE ELEMENTARY
DANBURY CONNECTICUT

FOUNDATION AND FRAMING PLANS
CLASSROOM/LIBRARY ADDITION

STATE OF CONNECTICUT JAMES E. DESTEFANO 11588 REGISTERED PROFESSIONAL ENGINEER

S1B-1

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