

SEAL:

Professional Certification
I hereby certify that the design was prepared by a duly licensed professional engineer or architect under my direct supervision and that I am a duly licensed professional engineer or architect in the State of Maryland.
Signature: _____
Title: _____
Date: _____
Stamp No. 00000111-0000

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PROJECT:

GREENVIEW KNOLLS
ELEMENTARY SCHOOL
VESTIBULE & OFFICE
RENOVATIONS;
ADMINISTRATIVE SUITE

4571 IMPARTARY LANE
GREAT MILLS, MD 20634

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REVISIONS:

BID
DOCUMENTS

TITLE:

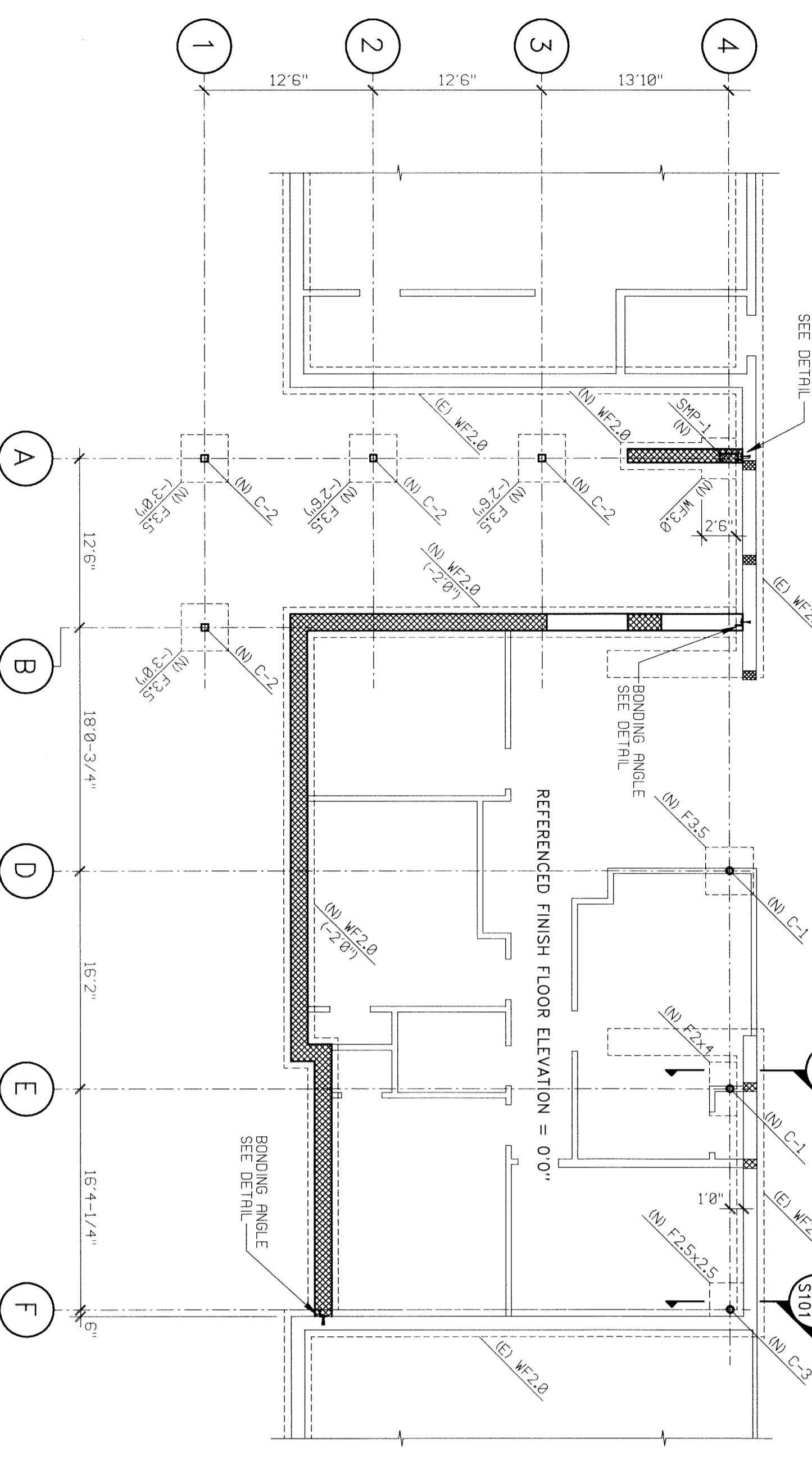
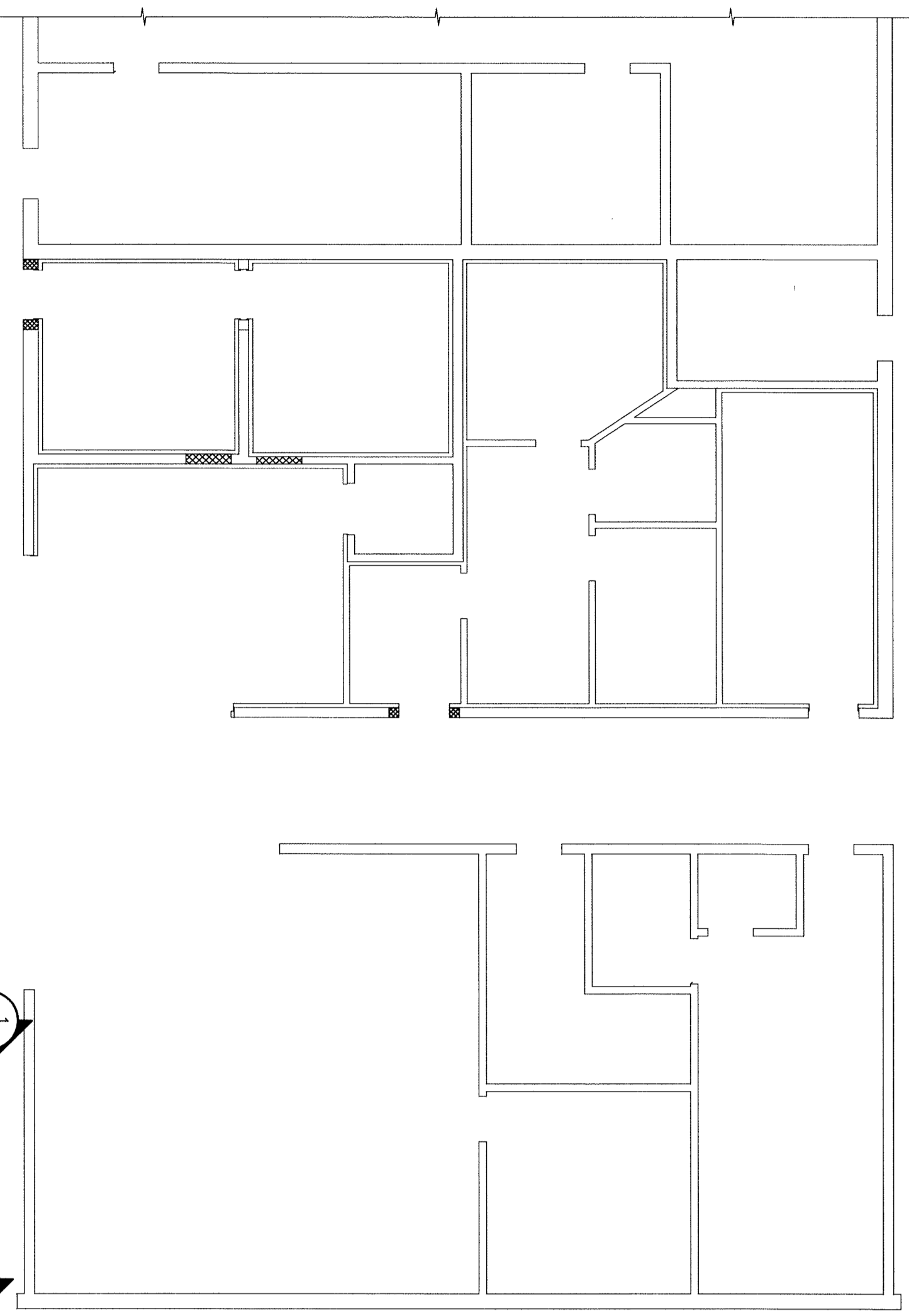
PARTIAL NEW FOUNDATION
& ROOF FRAMING PLAN,
SECTION & SCHEDULES

DATE: 01.05.09

JOB NO.: 28101.08

SHEET NO.

S101



PARTIAL NEW FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- FOUNDATION NOTES:
1. SIZES TO BE 4" VERTICAL HEIGHT 14" x 3.500 PSI CONCRETE ON W/
 2. 4" MIN. MIN. 4" REINFORCING OVER 6" MIN. VERTICAL BARRELS ON W/
 3. TOP OF EXTERIOR FOUNDATIONS SHALL BE A MINIMUM OF 2" BELOW FINISHED EXTERIOR GRADE. TOP OF INTERIOR FOUNDING SHALL BE 4" LIVE LOAD = 100 PSF.
 4. LIVE LOAD = 100 PSF.

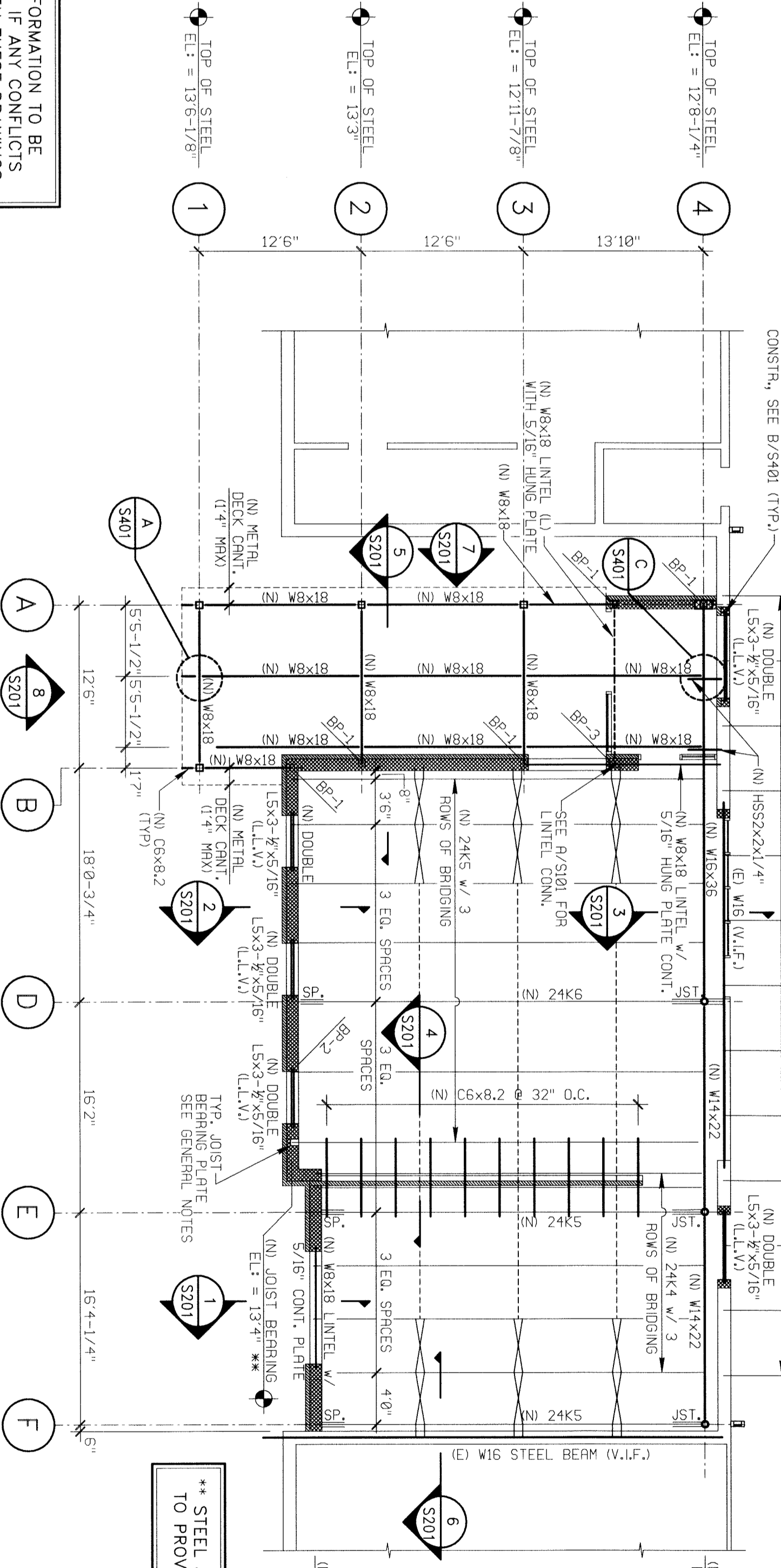
FOOTING SCHEDULE (SOIL PRESSURE = 2000 PSF)		REINFORCEMENT
MARK	SIZE	
F-2.0	2'0" X 12" CONC. IN TUBS	2#6 BARS CONT. W/ #4 BARS @ 32" O.C.
F-2.1	2'0" X 12" CONC. IN TUBS	2#6 BARS CONT. W/ #4 BARS @ 32" O.C.
F-2.4	2'0" X 10" CONC. IN TUBS	2#5 BARS CONT. W/ #5 BARS @ 12" O.C. (1' & 8')
F-3.5	3'6" X 3'6" X 12"	5#4 BARS E.M. BOTTOM

COLUMN SCHEDULE		BASE PLATE
MARK	SIZE	
C-1	15" STD. PIPE	3/4" X 12" X 18"
C-2	15" STD. PIPE	3/4" X 12" X 18"
C-3	15" STD. PIPE	3/4" X 12" X 18"

SMP SCHEDULE		REINFORCEMENT
MARK	SIZE	
SMP-1	8" X 16"	2#6 EACH FACE

RENOVATION WORK IN THE EXISTING ADMINISTRATION SUITE IS TO BE PERFORMED AS PART OF ADD ALTERNATE #1. SEE SHEET A101 FOR A GRAPHIC REPRESENTATION OF THE AREA OF RENOVATION TO BE INCLUDED AS PART OF ADD ALTERNATE #1.

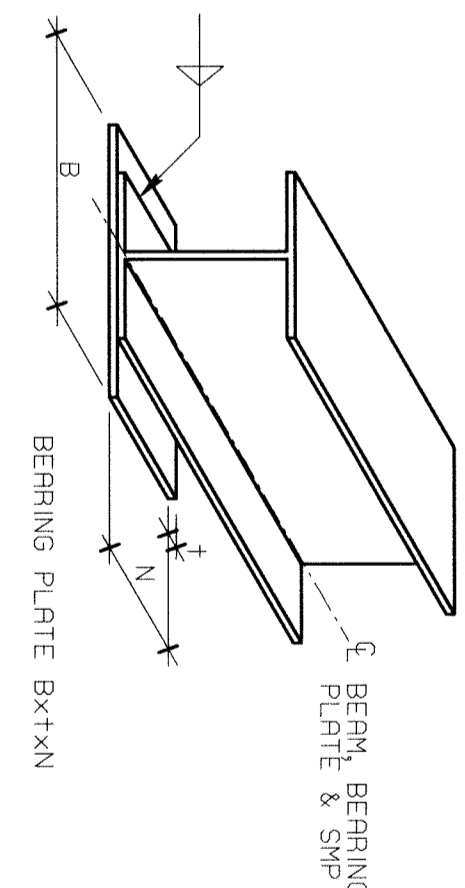
ALL EXISTING INFORMATION TO BE VERIFIED IN FIELD. IF ANY CONFLICTS ARE FOUND BETWEEN THESE DRAWINGS AND THE EXISTING CONDITIONS, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.



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

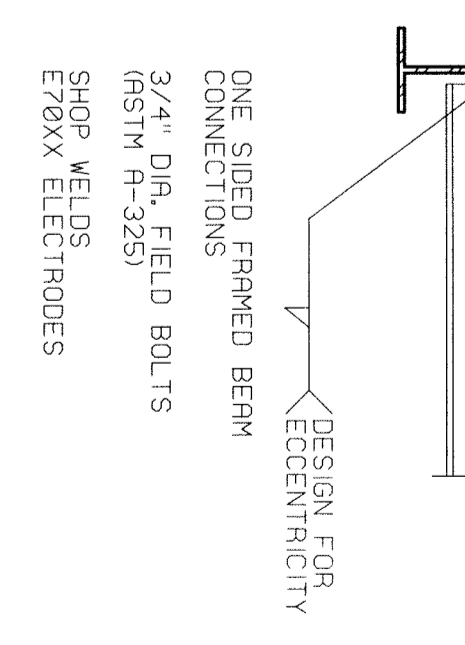
- FRAMING NOTES:
1. ROOF CONSTRUCTION TO CONSIST OF 1-1/2" x 22 RIB METAL DECK, IRPAINS
 2. METAL DECK TO BE CONTINUOUS FOR AT LEAST 3 SPANS. PLAN
 3. ALL JOIST SUPPORTING DECK TO BE 3" SPAN. 0'4" x 16" UNADJ.
 4. EXIST. JOIST SUPPORTING DECK TO BE 3" SPAN. 0'4" x 16" UNADJ.
 5. STEEL ELEVATION PER AS NOTED ON PLANS. ELEVATIONS NOTED THUS ()
 6. PRELIMINARY TO JOIST BEARING RELEVANT TO PLAN.
 7. LIVE LOAD = 30 PSF.
 8. PROVIDE 5/8" DIA. PURLIN WELDS W/ 3/8" X 1/2" WELD PATTERN AT EACH SUPPORT AND 1/8" DIA. PURLIN WELDS PER FRISBERG & HUB SPRAY TYPICAL.

BEARING PLATE SCHEDULE		SIZE
MARK		
BR-1	PL. 7-1/2" X 12" X 3/8"	
BR-2	PL. 5" X 12" X 3/4"	
BR-3	PL. 7-1/2" X 12" X 3/8"	



NOTE: CENTER BEARING BRG. PL. ON SMP

BEAM TO BEAM CONNECTIONS



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