

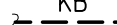


















NOTE:
EXISTING CONDITIONS AS SHOWN ARE BASED ON ORIGINAL DRAWINGS, LIMITED FIELD
OBSERVATIONS AND/OR ASSUMED
VERIFY ALL EXISTING CONDITIONS SHOWN AFTER REMOVAL OF ALL EXISTING FINISHES
INTERIOR PARTITIONS
-NOTIFY GMS OF ANY FIELD CONDITIONS WHICH VARY FROM WHAT IS SHOWN

FRAMING PLAN NOTES

1. FOR GENERAL NOTES SEE S-001 SERIES DRAWINGS.
FOR DETAILS SEE S-201 SERIES DRAWINGS.
2. FOR TOP OF SLAB ELEVATION SEE PLAN.
3.  DENOTES DECK SPAN DIRECTION OF 3" 18 GAUGE COMPOSITE GALVANIZED METAL DECK WITH 2½" NORMAL WEIGHT CONCRETE (TOTAL SLAB DEPTH=5½") REINFORCED W/ WWF 6x6-W1.4x1.4
4.  DENOTES NEW STEEL FRAMING.
5. FOR TOP OF SLAB ELEVATION SEE PLAN
6. TOP OF STEEL (AT NEW SLABS) SHALL BE INSTALLED AT 5½" BELOW TOP OF NEW SLAB U.O.N. THUS {±_____} INDICATING DISTANCE FROM TOP OF SLAB.
7. TOP OF STEEL (AT EXISTING SLABS) SHALL BE INSTALLED UNDER THE EXISTING SLAB U.O.N. ALLOW A MINIMUM GAP OF 1" BETWEEN THE BEAM AND THE UNDERSIDE OF EXISTING SLAB FOR STEEL SHIMS AND CONTINUOUS DRYPACK. IF CONNECTION RESTRAINTS CAUSE A GAP OF GREATER THAN 2½", A STEEL BOLSTER/FILLER IS TO BE USED.
8.  DENOTES BRACING.
9.  DENOTES 2L3x3x½ KNEE BRACING.
10.  DENOTES EXISTING FRAMING. ALL BASE BUILDING STRUCTURAL INFORMATION IS SHOWN FOR REFERENCE ONLY. VERIFY EXISTING FRAMING IN FIELD AS REQUIRED FOR NEW WORK.
11.  DENOTES EXISTING STRUCTURE TO BE REMOVED.

11.  DENOTES SHORE, CUT AND RECONNECT EXISTING BEAM TO NEW FRAMING.
12.  DENOTES MOMENT CONNECTION.
13.  DENOTES NEW FLOOR OPENING TO BE SAWCUT IN SLAB AFTER INSTALLATION OF NEW FRAMING. COORDINATE LOCATION AND SIZE WITH ARCH'L. & MEP DWGS.
14.  DENOTES EXISTING OPENING.
15.  DENOTES NEW SLAB.
16.  DENOTES NEW SLAB FILL ON HIGH DENSITY STYROFOAM.
17.  DENOTES COLUMN OR POST STARTING UP FROM THIS LEVEL. "H" WITHIN SYMBOL INDICATES HANGER UP.
18.  DENOTES COLUMN OR POST GOING DOWN FROM THIS LEVEL. "H" WITHIN SYMBOL INDICATES HANGER DOWN.
19.  DENOTES BEAM END REACTION (SERVICE LOAD) IN KIPS FOR DESIGN OF NEW CONNECTIONS & REINFORCEMENT OF EXISTING CONNECTIONS. CONTRACTOR TO FIELD SURVEY EXISTING CONNECTIONS & REINFORCE AS REQ'D.
19.  DENOTES AXIAL FORCE (SERVICE LOAD) IN KIPS TO BE TRANSFERRED THROUGH BEAM CONNECTION IN ADDITION TO END REACTION, FOR DESIGN OF NEW CONNECTIONS AND REINFORCEMENT OF EXISTING CONNECTIONS. CONTRACTOR TO FIELD SURVEY EXISTING CONNECTIONS AND REINFORCE AS REQUIRED.
20.  DENOTES MOMENT (SERVICE LOAD) IN FT-KIPS TO BE DEVELOPED BY MOMENT CONNECTION.
21.  INDICATES WELDED FILLED FULL HEIGHT STIFFENER REQUIRED AT CONNECTION.
22.  DIMENSIONS OF EXISTING CONSTRUCTION IN FIELD AS REQUIRED FOR NEW WORK.

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|-----|------------|----------------|
| 3 | 07/07/2023 | ADDENDUM 1 |
| 2 | 06/02/2023 | DOB SUBMISSION |
| 1 | 05/30/2023 | 100% CD |
| no. | date | description |

revisions

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|--------------|
| Client Name: |
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Client Name: RICHMOND UNIVERSITY MEDICAL CENTER

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|--------------------------|
| Project Name & Location: |
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BI-PLANE EP LAB
355 BARD AVENUE
STATEN ISLAND NY

Drawing Title:

1st FLOOR FRAMING PLAN

| | |
|------------------------------|--------------------|
| Drawn/Checked By: IG / BO | Date: 4-28-2023 |
| GMS File No.: 21190 | Scale: AS NOTED |

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DOB NOW# S00881156-S2

Drawing No.:

3 OF 9

1 1ST FLOOR FRAMING PLAN
S-101 SCALE: 1/8"=1'-0"

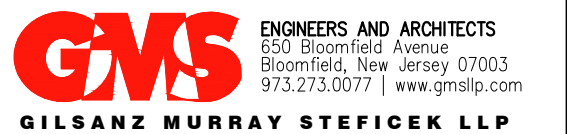
SCALE: 1/8"=1'-0"



Seal & Signature

ANTHONY J. PAGNOTTA: NY 064408

Consultants:



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|-----|------------|----------------|
| 3 | 07/07/2023 | ADDENDUM 1 |
| 2 | 06/02/2023 | DOB SUBMISSION |
| 1 | 05/30/2023 | 100% CD |
| no. | date | description |

revisions

Client Name:

RICHMOND UNIVERSITY
MEDICAL CENTER

Project Name & Location:

BI-PLANE EP LAB
355 BARD AVENUE
STATEN ISLAND NY

Drawing Title:

2nd FLOOR FRAMING PLAN

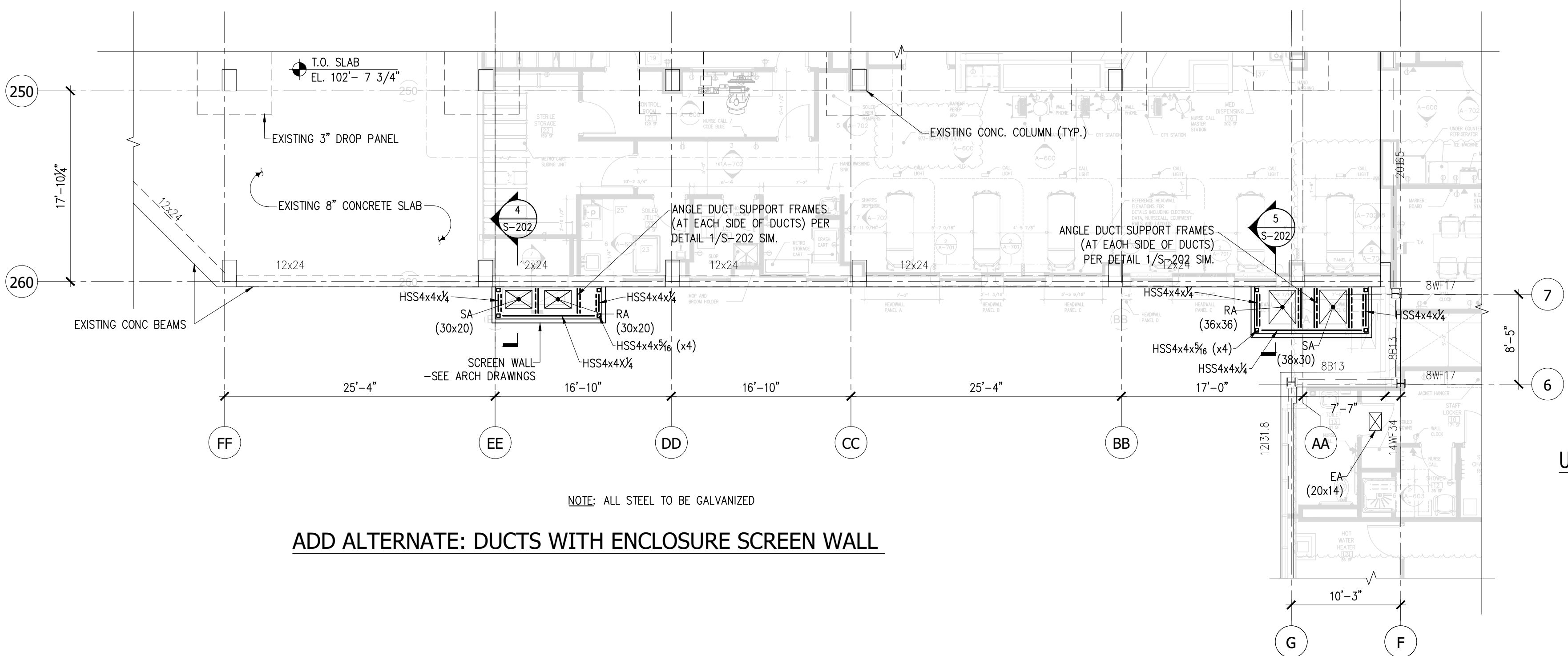
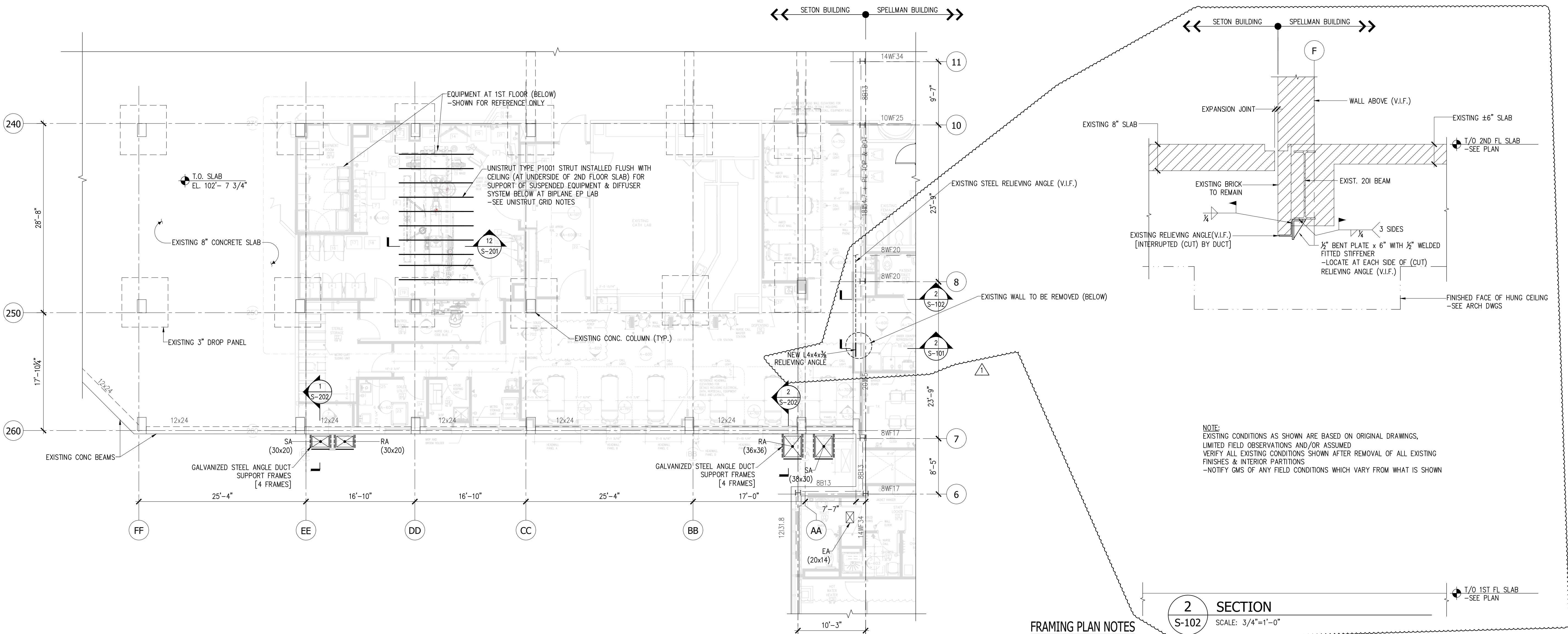
Drawn/Checked By: IG / BO Date: 4-28-2023

GMS File No.: 21190 Scale: AS NOTED

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DOB NOW# S00881156-S2

Drawing No.: S-102.00 4 OF 9



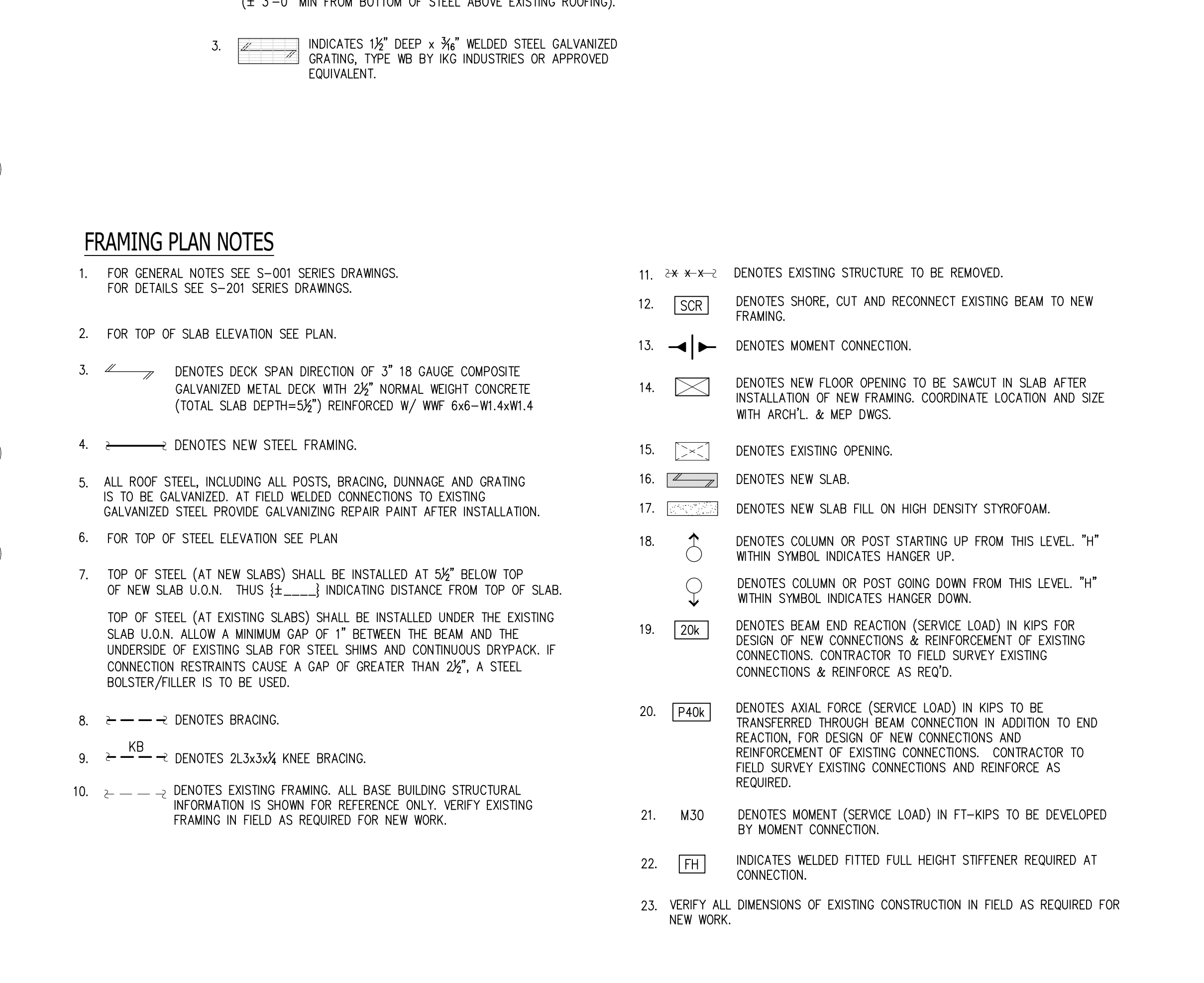
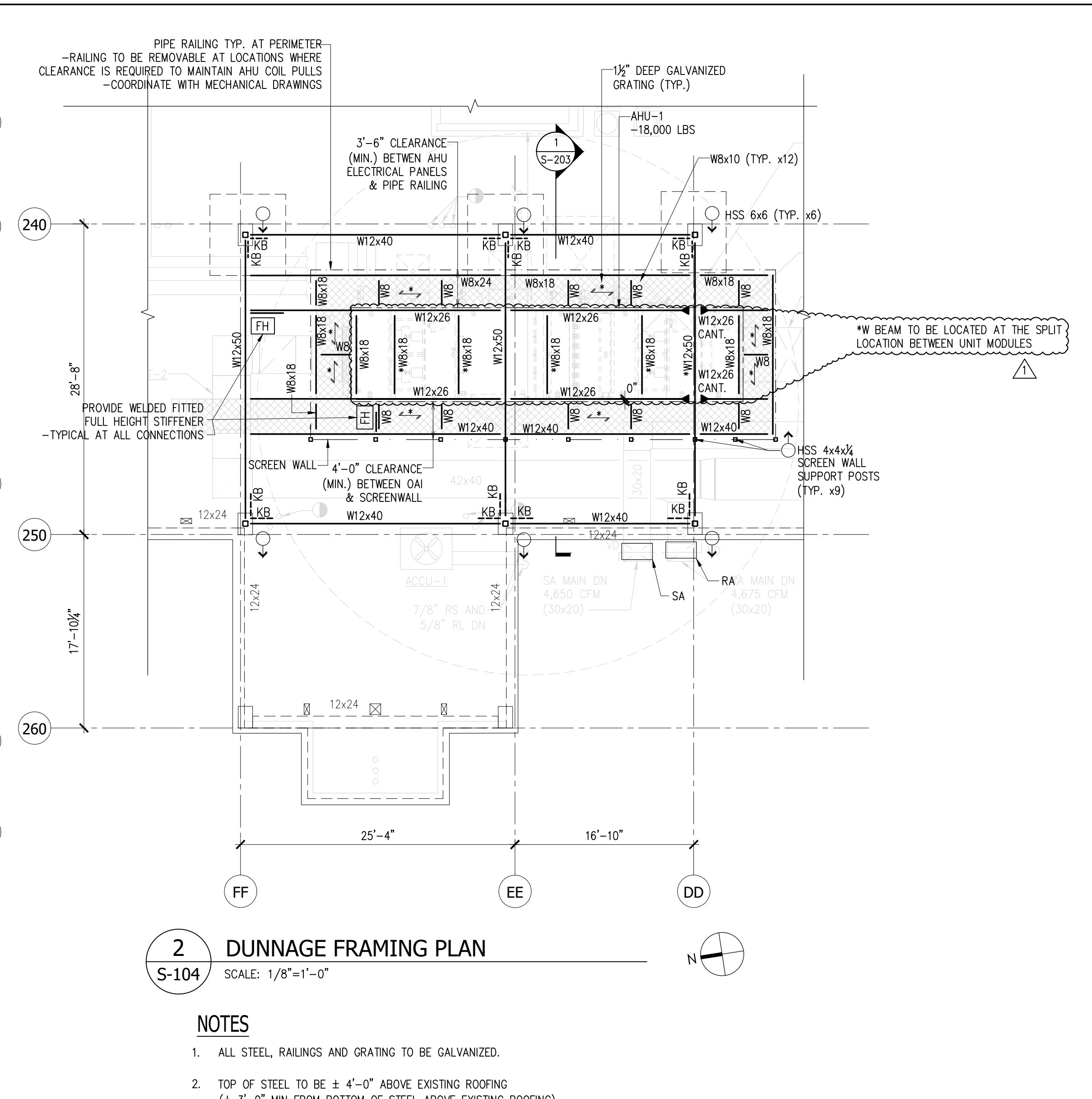
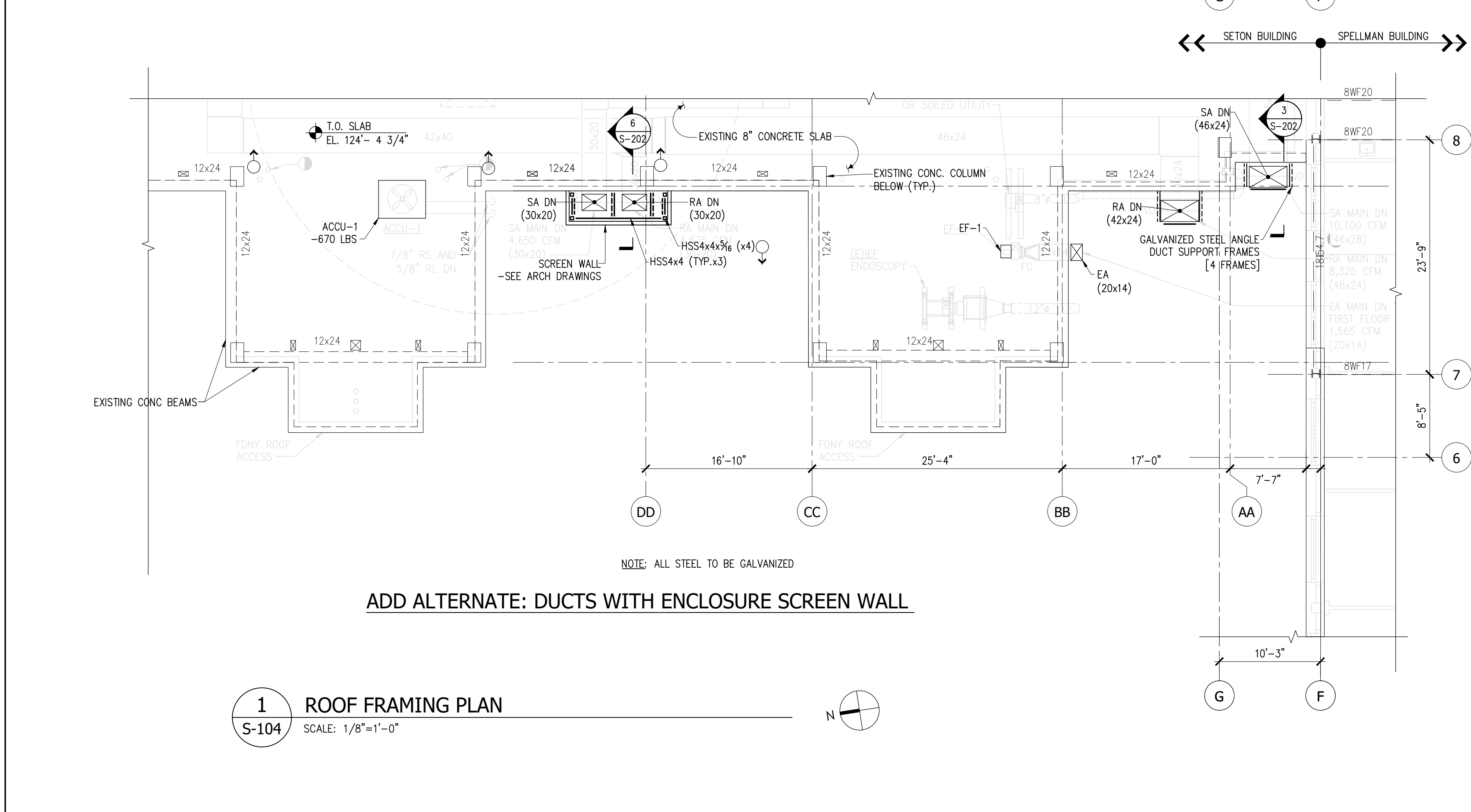
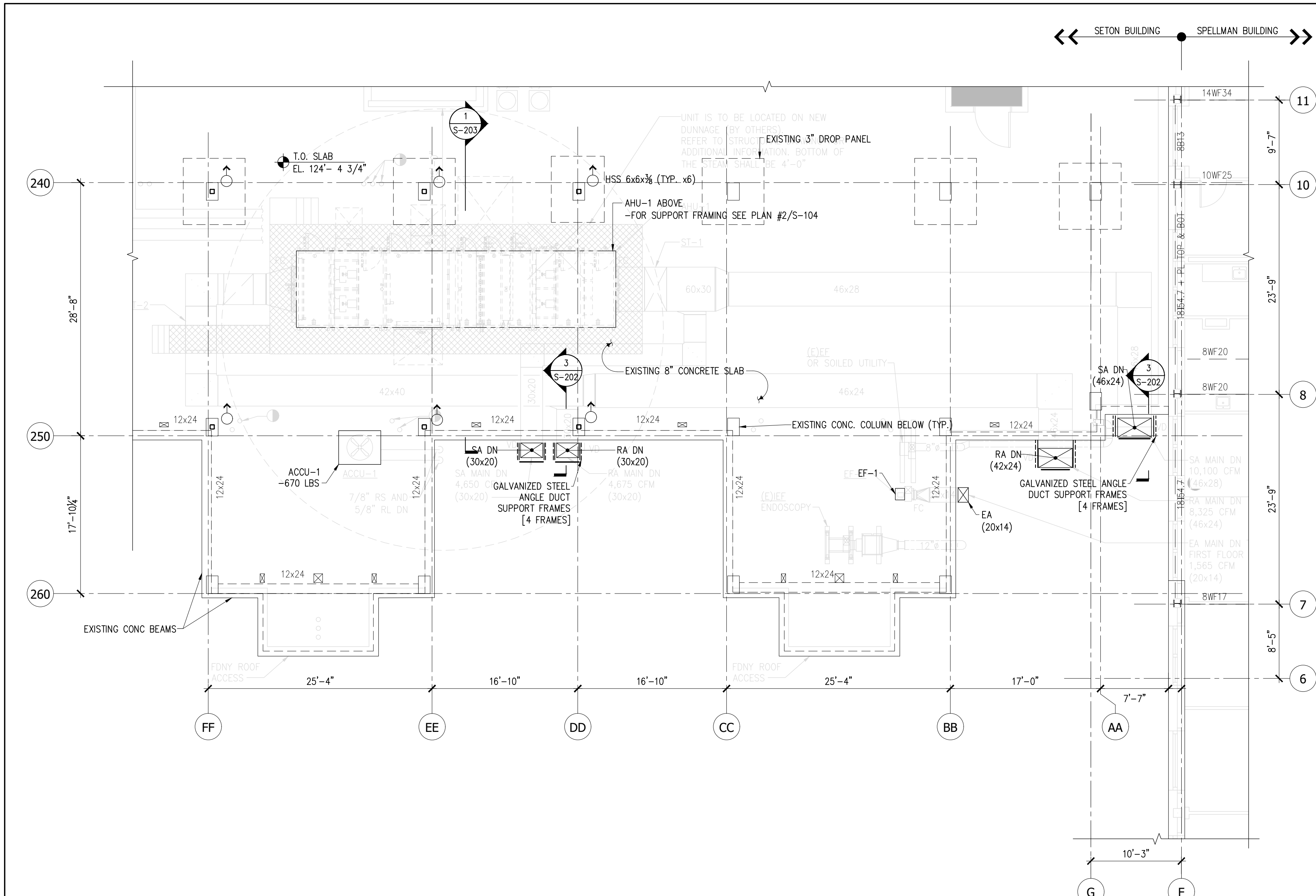
1 2ND FLOOR FRAMING PLAN
S-102 SCALE: 1/8"=1'-0"

FRAMING PLAN NOTES

- FOR GENERAL NOTES SEE S-001 SERIES DRAWINGS. FOR DETAILS SEE S-201 SERIES DRAWINGS.
- FOR TOP OF SLAB ELEVATION SEE PLAN.
- DENOTES DECK SPAN DIRECTION OF 3" 18 GAUGE COMPOSITE GALVANIZED METAL DECK WITH 2 $\frac{1}{2}$ " NORMAL WEIGHT CONCRETE (TOTAL SLAB DEPTH=5 $\frac{1}{2}$ ") REINFORCED W/ WWF 6x6-W1.4xW1.4
- DENOTES NEW STEEL FRAMING.
- FOR TOP OF STEEL ELEVATION SEE PLAN
- TOP OF STEEL (AT NEW SLABS) SHALL BE INSTALLED AT 5 $\frac{1}{2}$ " BELOW TOP OF NEW SLAB U.O.N. THUS { } INDICATING DISTANCE FROM TOP OF SLAB.
TOP OF STEEL (AT EXISTING SLABS) SHALL BE INSTALLED UNDER THE EXISTING SLAB U.O.N. ALLOW A MINIMUM GAP OF 1" BETWEEN THE BEAM AND THE UNDERSIDE OF EXISTING SLAB FOR STEEL SHIMS AND CONTINUOUS DRYPACK. IF CONNECTION RESTRAINTS CAUSE A GAP OF GREATER THAN 2 $\frac{1}{2}$ ", A STEEL BOLSTER/FILLER IS TO BE USED.
- DENOTES BRACING.
- KB DENOTES 2L3x3x $\frac{1}{4}$ KNEE BRACING.
- DENOTES EXISTING FRAMING. ALL BASE BUILDING STRUCTURAL INFORMATION IS SHOWN FOR REFERENCE ONLY. VERIFY EXISTING FRAMING IN FIELD AS REQUIRED FOR NEW WORK.
- DENOTES EXISTING STRUCTURE TO BE REMOVED.
- SCR DENOTES SHORE, CUT AND RECONNECT EXISTING BEAM TO NEW FRAMING.
- DENOTES MOMENT CONNECTION.
- DENOTES NEW FLOOR OPENING TO BE SAWCUT IN SLAB AFTER INSTALLATION OF NEW FRAMING. COORDINATE LOCATION AND SIZE WITH ARCH'L. & MEP DWGS.
- DENOTES EXISTING OPENING.
- DENOTES NEW SLAB.
- DENOTES NEW SLAB FILL ON HIGH DENSITY STYROFOAM.
- DENOTES COLUMN OR POST STARTING UP FROM THIS LEVEL. "H" WITHIN SYMBOL INDICATES HANGER UP.
- DENOTES COLUMN OR POST GOING DOWN FROM THIS LEVEL. "H" WITHIN SYMBOL INDICATES HANGER DOWN.
- 20k DENOTES BEAM END REACTION (SERVICE LOAD) IN KIPS FOR DESIGN OF NEW CONNECTIONS & REINFORCEMENT OF EXISTING CONNECTIONS. CONTRACTOR TO FIELD SURVEY EXISTING CONNECTIONS & REINFORCE AS REQ'D.
- P40k DENOTES AXIAL FORCE (SERVICE LOAD) IN KIPS TO BE TRANSFERRED THROUGH BEAM CONNECTION IN ADDITION TO END REACTION, FOR DESIGN OF NEW CONNECTIONS AND REINFORCEMENT OF EXISTING CONNECTIONS. CONTRACTOR TO FIELD SURVEY EXISTING CONNECTIONS AND REINFORCE AS REQUIRED.
- M30 DENOTES MOMENT (SERVICE LOAD) IN FT-KIPS TO BE DEVELOPED BY MOMENT CONNECTION.
- FH INDICATES WELDED FITTED FULL HEIGHT STIFFENER REQUIRED AT CONNECTION.
- VERIFY ALL DIMENSIONS OF EXISTING CONSTRUCTION IN FIELD AS REQUIRED FOR NEW WORK.

UNISTRUT GRID NOTES:

- FOR UNISTRUT FRAMING SYSTEM GENERAL NOTES SEE DRAWING S-001.
- CONTRACTOR IS TO PROVIDE A UNISTRUT GRID AT THE UNDERSIDE OF THE 2nd FLOOR SLAB, FOR THE SUPPORT OF THE FOLLOWING:
 - 1ST FLOOR BIPLANE EP LAB SUSPENDED EQUIPMENT. REFER TO THE OPERATING ROOM EQUIPMENT DRAWINGS BY SIEMENS.
 - OPERATING ROOM DIFFUSER SYSTEM. REFER TO DIFFUSER SYSTEM DRAWINGS BY PRICE CRITICAL ENVIRONMENTS.
- UNISTRUT GRID IS TO CONSIST OF THE BOTTOM LEVEL OF UNISTRUT TO BE INSTALLED FLUSH WITH THE CEILING, AND ALL UNISTRUT TRANSVERSE SUPPORT MEMBERS, VERTICAL HANGER TUBES, AND DIAGONAL BRACING AS REQUIRED TO PROPERLY SUPPORT THE GRID.
- DESIGN OF THE UNISTRUT FRAMING SYSTEM, AND ALL CONNECTIONS TO THE BASE BUILDING, TO BE BY THE CONTRACTOR. SUBMIT SIGNED AND SEALED UNISTRUT FRAMING SHOP DRAWINGS AND STRUCTURAL CALCULATIONS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK FOR REVIEW AND APPROVAL. UNISTRUT SHOP DRAWINGS SHALL INCLUDE ALL UNISTRUT SIZES, LAYOUT, ALL CONNECTION DETAILS TO THE BASE BUILDING, AND ALL HANGER AND BRACING DETAILS.
- UNISTRUT GRID IS TO BE DESIGNED TO SUPPORT ALL EQUIPMENT WEIGHTS AND FORCES IMPOSED AS SHOWN ON THE OPERATING ROOM EQUIPMENT DRAWINGS AND FOR THE WEIGHT OF THE DIFFUSER SYSTEM. UNISTRUT SHOP DRAWINGS SHALL SHOW ALL EQUIPMENT WEIGHTS AND FORCES IMPOSED BY BOTH THE OPERATING ROOM EQUIPMENT AND BY THE DIFFUSER SYSTEM.
- THE BOTTOM LEVEL OF THE UNISTRUT GRID IS TO BE INSTALLED FLUSH WITH THE CEILING. UNISTRUT LAYOUT SHOWN IS APPROXIMATE. CONTRACTOR IS TO COORDINATE THE UNISTRUT GRID LAYOUT AND DETAILS WITH THE REQUIREMENTS SHOWN ON THE OPERATING ROOM EQUIPMENT DRAWING, THE DIFFUSER SYSTEM DRAWINGS, AND WITH THE ARCHITECTURAL DRAWINGS.
- UNISTRUT TO BE MINIMUM 12 GAGE, 1-5/8" WIDE BY 3-1/4" TALL, TYPE P1001 STRUT BY UNISTRUT, OR APPROVED EQUAL BY HILTI OR OTHERS.
- PROVIDE VERTICAL HANGER TUBES / STRUT AS REQUIRED TO SUPPORT GRID, WITH MINIMUM 3/8" DIAMETER EXPANSION ANCHOR THREADED ROD CONNECTIONS TO THE UNDERSIDE OF THE 2ND FLOOR CONCRETE SLAB.
- PROVIDE DIAGONAL BRACING OF UNISTRUT GRID TO PREVENT HORIZONTAL MOVEMENT OF GRID. THE SYSTEM SHALL BE FIXED, RIGID, AND BRACED FOR SWAY.
- FOR TYPICAL UNISTRUT SUPPORT DETAIL REFER TO DETAIL #12/S-201.



SCHUNKEWITZ

ARCHITECTURE
INTERIORS
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GILSANZ MURRAY STEFICEK LLP

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| 3 | 07/07/2023 | ADDENDUM 1 |
| 2 | 06/02/2023 | DOB SUBMISSION |
| 1 | 05/30/2023 | 100% CD |
| no. | date | description |
| revisions | | |

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BI-PLANE EP LAB
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ROOF FRAMING PLAN

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