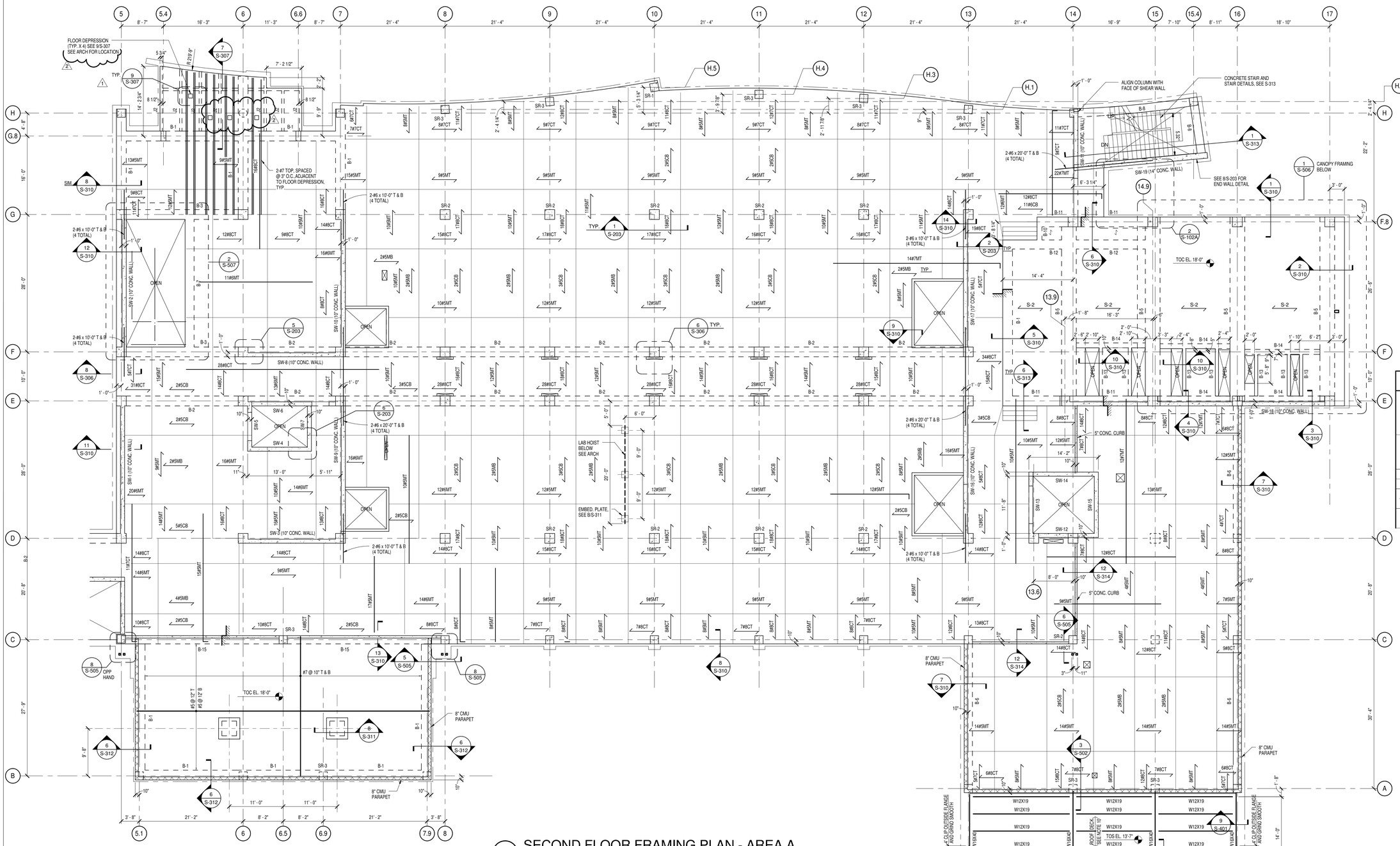
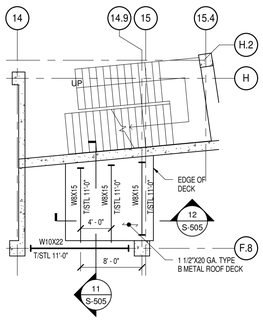
HDR CUH2A
1101 King Street | Suite 400 | Alexandria, Virginia 22314-2944 | 703.518.8500

IT IS A VIOLATION OF LAW FOR ANY PERSON TO ALTER THESE DOCUMENTS IN ANY WAY UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED ARCHITECT.



1 SECOND FLOOR FRAMING PLAN - AREA A
1/8" = 1'-0"



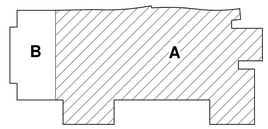
2 CANOPY FRAMING
1/8" = 1'-0"

STEEL FRAMING SYMBOL LEGEND

- BEAM SIZE
- QUANTITY OF HEADED STUDS
- UPWARD CAMBER AT MIDSPAN
- W16X26 (24) C-3/4" (-X'-X") — INDICATES CHANGE IN BEAM ELEVATION FROM TYPICAL, INDICATED ON PLAN
- INDICATES TYPICAL FRAMING CONNECTION
- INDICATES MOMENT CONNECTION
- INDICATES BEAM TO CONCRETE WALL CONNECTION

PLAN NOTES

1. TOP OF CONCRETE SLAB EL. = 16'-0", UNO.
2. FLOOR CONSTRUCTION SHALL BE A 12" THICK CONC. FLAT PLATE. BOTTOM MAT REINFORCING SHALL BE #5 @ 10" O.C. EW. SEE PLAN FOR TOP BAR AND ADDITIONAL BOTTOM BAR REINFORCING. SEE S-306 FOR TYPICAL FLAT PLATE PLAN AND SECTION.
   - S-1 INDICATES ONE WAY SLAB CONSTRUCTION. SEE DWG. S-306 FOR TYPICAL ONE SLAB DETAILS AND SCHEDULE
3. SW-XX DENOTES CONC. SHEAR WALL. SEE DWG. S-204 AND S-205 FOR ELEVATIONS AND REINFORCING.
4. SEE DWG. S-201 AND S-202 FOR CONCRETE COLUMN SCHEDULE.
5. SEE DWG. S-307 FOR CONCRETE BEAM SCHEDULE AND DETAILS
6. COORDINATE FLOOR OPENING WITH ARCHITECTURAL AND MECHANICAL PRIOR TO CONSTRUCTION.
7. SR-XX INDICATES STUD RAIL REQUIRED AT THIS LOCATION. SEE 8/S-307 FOR TYPICAL STUD RAIL DETAILS
8. PROVIDE MECHANICAL REBAR COUPLERS AT SLAB EDGE ALONG GRIDLINE 5 FOR FUTURE EXPANSION. SEE 8/S-306.
9. SEE ARCH. FOR LOCATION AND ORIENTATION OF HANGING SUPPORT SYSTEM SLAB INSERTS FOR MISCELLANEOUS EQUIPMENT.
10. ROOF DECK SHALL BE 1-1/2 x 20 GA. STEEL ROOF DECK, 3 SPANS MINIMUM.



JOB NO.	SHEET	NO	REVISION	DATE	DWN.	APP'D.	QA
		2	ADDENDUM #08	06/01/10			
		1	ADDENDUM #06	05/26/10			
			ISSUE FOR BID	04/09/10			

BROOKHAVEN NATIONAL LABORATORY

UNDER CONTRACT WITH
UNITED STATES DEPARTMENT OF ENERGY
PLANT ENGINEERING DIVISION
UPTON, NEW YORK 11973

JOB TITLE: INTERDISCIPLINARY SCIENCE BUILDING		DWG. TITLE: SECOND FLOOR FRAMING PLAN - AREA A	
I/LR,GPP,LNI, HEM	DATE 04/09/10	ACCT. NO.	SHEET OF
SCALE 1/8" = 1'-0"	DWN. BY RAW / REV'D BY MM	JOB NO. 079872	DWG. NO. S-102A
ESHQ RISK LEVEL	APP'D. BY Approver	BLDG. NO.	
FILENAME: 079872 S-102A			

C:\rvt\079872S-612010-jfarrar.rvt
6/1/2010 11:46:39 AM