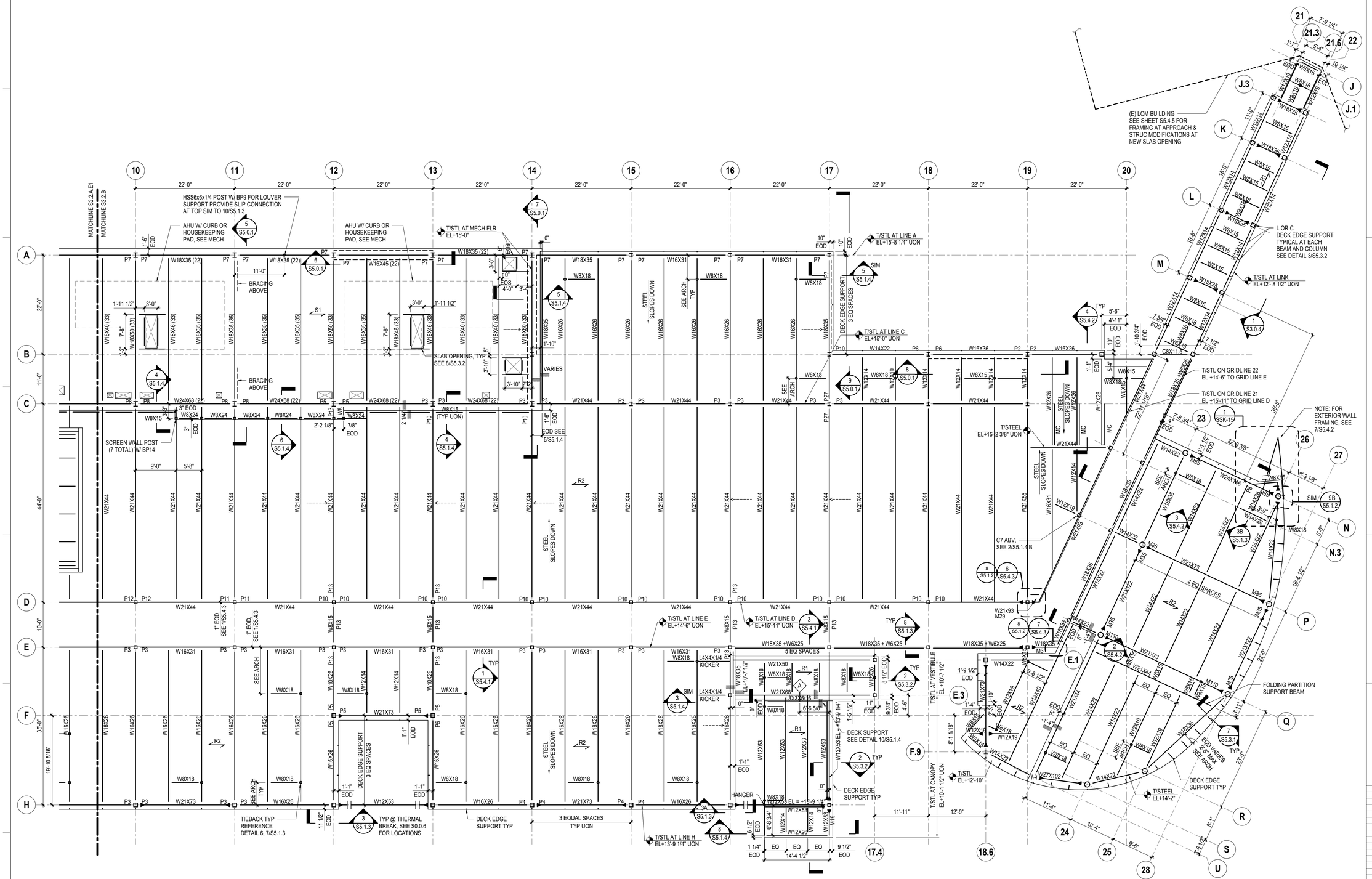


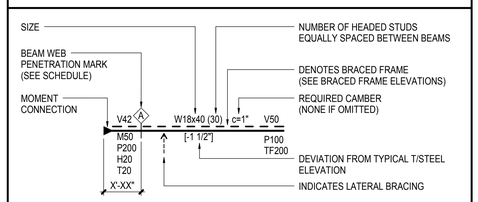
1 02 MAIN ROOF FRAMING PLAN B

1/8" = 1'-0"

SHEET NOTES:

1. T/STEEL FRAMING ELEVATIONS VARY, SEE PLAN
2. XX INDICATES DECK SPAN DIRECTION AND ROOF OR SLAB TYPE. SEE SCHEDULE AND TYPICAL DETAILS ON S5.3.1
3. SEE S5.1.2 AND S5.1.3 FOR TYPICAL STEEL DETAILS
4. SEE S5.0.1 FOR ELEVATIONS OF BRACED FRAMES. SEE S5.0.2 FOR BRACING DETAILS
5. SEE S0.0.3 FOR LOAD DIAGRAMS
6. Cx INDICATES COLUMN ABOVE. SEE S2.1 SERIES FOR COLUMN SCHEDULE
7. BPx INDICATES BASE PLATE, SEE S5.1.1
8. FOR ROOF DECK AND SLAB OPENING REINFORCEMENT, SEE S5.3.2
9. INDICATES LATERAL BRACING PER 3/S5.1.4
10. FOR OPENING DIMENSIONS NOT SHOWN, SEE ARCH
11. SEE ARCH FOR CURB LOCATIONS, SIZES AND EXTENTS

STEEL BEAM LEGEND



V INDICATES FACTORED VERTICAL SHEAR IN KIPS (SEE SCHEDULE ON S5.1.2 IF OMITTED)
M INDICATES FACTORED END MOMENT IN KIP-FEET (SEE SCHEDULE ON S5.1.2 IF OMITTED)
P INDICATES FACTORED END AXIAL FORCE IN KIPS
H INDICATES FACTORED HORIZONTAL SHEAR FORCE IN KIPS
T INDICATES TORSIONAL MOMENT IN KIP-FEET
TF INDICATES AXIAL FORCE TRANSFERRED THROUGH THE CONNECTION JOINT IN KIPS

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KEYPLAN

PROJECT NORTH

REV. NO.	DESCRIPTION	BY	APVD	DATE
	ISSUED FOR CONSTRUCTION			07/03/12

Argonne NATIONAL LABORATORY

FMS
Facilities Management Services

PROJECT TITLE: ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY

PROJECT NO: C10539.00

DRAWING TITLE: 02 MAIN ROOF FRAMING PLAN B

DESIGNED Designer	A/E CADD FILE S2.2.B	FACILITY NO(S)
DRAWN Author	A/E DWG. NO. S2.2.B	
CHECKED Checker	CAD NO:	
PROJECT MANAGER ANL - JESSE ADAMS DATE - 08/31/11	DWG STATE	
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