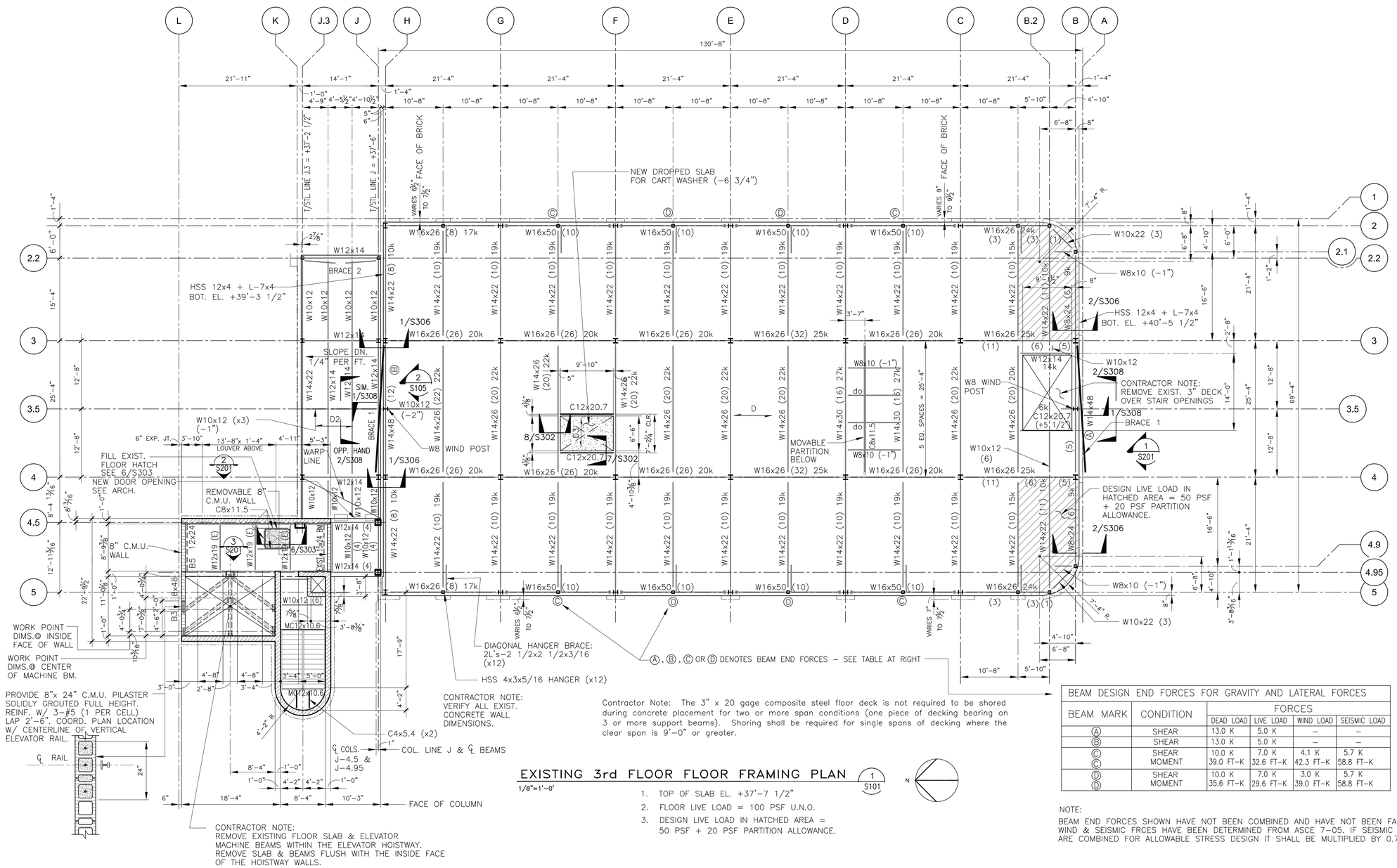

EXISTING 3rd FLOOR FLOOR FRAMING PLAN

1/8"=1'–0"

1. TOP OF SLAB EL. +37'–7 1/2"
2. FLOOR LIVE LOAD = 100 PSF U.N.O.
3. DESIGN LIVE LOAD IN HATCHED AREA = 50 PSF + 20 PSF PARTITION ALLOWANCE.

Contractor Note: The 3" x 20 gage composite steel floor deck is not required to be shored during concrete placement for two or more span conditions (one piece of decking bearing on 3 or more support beams). Shoring shall be required for single spans of decking where the clear span is 9'–0" or greater.

PLAN LEGEND

- D — DENOTES SPAN DIRECTION OF 3" COMPOSITE STEEL DECK W/ 2 1/2" CONCRETE (5 1/2" TOTAL THICKNESS). REINF. SLAB W/ 6x6–W2.1xW2.1 W.W.F.
- D2 — DENOTES SPAN DIRECTION OF 1 1/2"x 22 GA. GALV. TYPE B WIDE RIB STEEL ROOF DECK
- D3 — DENOTES SPAN DIRECTION OF 2"x 20 GA. GALV. COMPOSITE STEEL DECK W/ 2" CONCRETE (4" TOTAL). REONFORCE SLAB W/ #4@12" O/C E.W. SEE 7/S302.
- DENOTES BEAM SIZE — W16x26 (26) 20k
- DENOTES NUMBER OF 3/4"ø x 4 1/2" H.C.A.'s UNIFORMLY SPACED
- DENOTES BEAM END REACTION (EACH END U.N.O.)
- DENOTES MOMENT CONNECTION

BEAM DESIGN END FORCES FOR GRAVITY AND LATERAL FORCES

BEAM MARK	CONDITION	FORCES			
		DEAD LOAD	LIVE LOAD	WIND LOAD	SEISMIC LOAD
Ⓐ	SHEAR	13.0 K	5.0 K	–	–
Ⓑ	SHEAR	13.0 K	5.0 K	–	–
Ⓒ	SHEAR	10.0 K	7.0 K	4.1 K	5.7 K
Ⓒ	MOMENT	39.0 FT–K	32.6 FT–K	42.3 FT–K	58.8 FT–K
Ⓓ	SHEAR	10.0 K	7.0 K	3.0 K	5.7 K
Ⓓ	MOMENT	35.6 FT–K	29.6 FT–K	39.0 FT–K	58.8 FT–K

NOTE:

BEAM END FORCES SHOWN HAVE NOT BEEN COMBINED AND HAVE NOT BEEN FACTORED. WIND & SEISMIC FRCES HAVE BEEN DETERMINED FROM ASCE 7–05. IF SEISMIC FORCES ARE COMBINED FOR ALLOWABLE STRESS DESIGN IT SHALL BE MULTIPLIED BY 0.7.

FINAL SUBMITTAL

Revisions:	Date

CONSULTANTS:

PADGETT Engineering Group
Consulting Structural Engineers
2255 CUMBERLAND PARKWAY - SUITE 1910 - ATLANTA - GEORGIA 30339

STATE OF LOUISIANA, ROBERT C. PADGETT, LICENSE No. 34820, PROFESSIONAL ENGINEER, 3/11/15
LOUISIANA C.O.A 4674

ARCHITECT:

TOLAND MIZELL MOLNAR
590 Means Street NW, Suite 200
Atlanta, GA 30318
404.214.9774

Drawing Title: EXISTING 3RD FLOOR FRAMING PLAN

Approved: Project Director

Project Title: EXPAND RADIOLOGY AND SPS OVERTON BROOKS VAMC

Location: SHREVEPORT, LA

Date: 3-13-2015 | Checked: BP | Drawn: AH

Project Number: 667-083

Building Number: 1

Drawing Number: S101

Dwg. of XX

OFFICE OF CONSTRUCTION AND FACILITIES MANAGEMENT

VA U.S. Department of Veterans Affairs

VA FORM 08-6231A, MAR 1984

Drawing File: W:\2 Clients-Projects\2-Toland-Mizell-Molnar\2014-012 VA SHREVEPORT-EXPAND RADIOLOGY\DRAWINGS\STRUC\S101 EXISTING 3rd FLOOR FRAMING PLAN.dwg
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Plotted Date: Mar 11, 2015 – 7:09pm