

DESIGN DATA

APPLICABLE CODES/STANDARDS:
 ... INTERNATIONAL BUILDING CODE - 2018
 ASCE T-16 MIN DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE/SEI


STRUCTURAL DESIGN STANDARDS: DESIGN SHALL CONFORM TO THE CURRENT EDITION UNDER THE APPLICABLE CODES:
 ... ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
 ... ACI 500 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (AND RELATED COMMENTARIES)
 ... AIA/SAC-1 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS
 ... AWS D1.1/D1.1M STRUCTURAL WELDING CODE-STEEL


MEMBERS	DEFLECTION LIMITS		
	LIVE	SNOW or WIND	DEAD + LIVE or SNOW
REINFORCED	L1800	L1800	L240
SUPPORTING OYSTER BOARD CEILINGS	L1800	L1800	L240
SUPPORTING FLEXIBLE CEILINGS	L1800	L1800	L180
NOT SUPPORTING CEILING	L1800	L1800	L180
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L1800	L1800	L180
FLOOR MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L1800	L1800	L1800
SUPPORTING OYSTER BOARD CEILINGS	L1800	N/A	L1800
SUPPORTING FLEXIBLE MATERIALS	L1800	N/A	L1800
LINTERLEADER/SEAM MEMBERS			
SUPPORTING RIGID MATERIALS (BRICK, MASONRY, ETC.)	L1800	L1800	L1800
SUPPORTING FLEXIBLE MATERIALS (OFS, SIDING, ETC.)	L1800	L1800	L240
EXTERIOR WALLS			
WITH RIGID FINISHES (BRICK, MASONRY, ETC.)	N/A	L1800	N/A
WITH FLEXIBLE FINISHES (OFS, SIDING, ETC.)	N/A	L1800	N/A

FOR WOOD FRAME CONSTRUCTION THIS IS TYPICALLY L480

BUILDING DESIGN LOADS/CRITERIA

DESIGN LIVE LOADS:
 ... FLOOR FRAMING (RETAIL, OFFICE, RESTAURANT, RECREATIONAL) 100 psf
 ... FLOOR FRAMING (RESIDENTIAL AREAS) 40 psf
 ... STARWAYS, EXITS 100 psf
 ... BALCONIES 40 psf
 ... PARKING GARAGES (PASSENGER VEHICLES ONLY) 15 psf
 ... INTERIOR PARTITION WALLS (UNIFORMLY DISTRIBUTED WEIGHT) 15 psf
 ... CORRIDORS FIRST FLOOR 100 psf
 ... CORRIDORS, HALLS, STAIRS, ETC. 40 psf
 ... CLOSETS, BATHROOMS, KITCHENS, ETC. 40 psf
 ... CORNERS, ETC. 125 psf
 ... STORAGE / HVAC PLAZA 150 psf



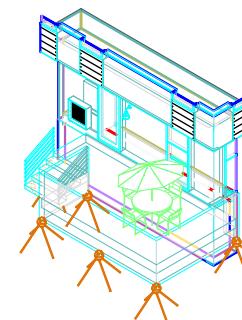
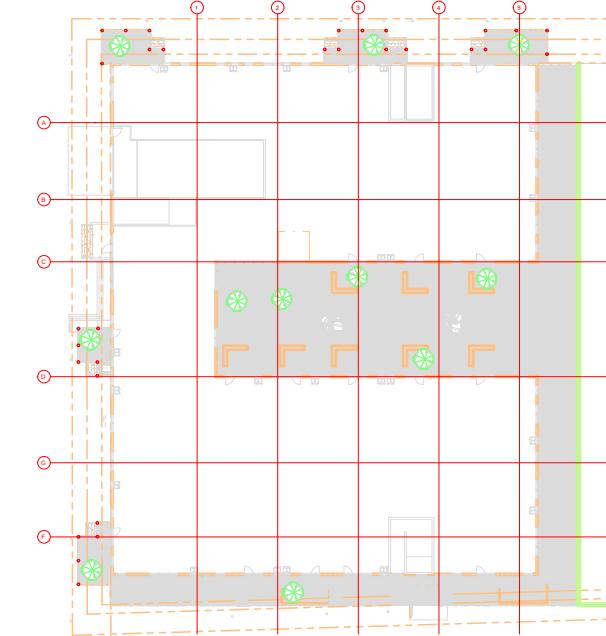
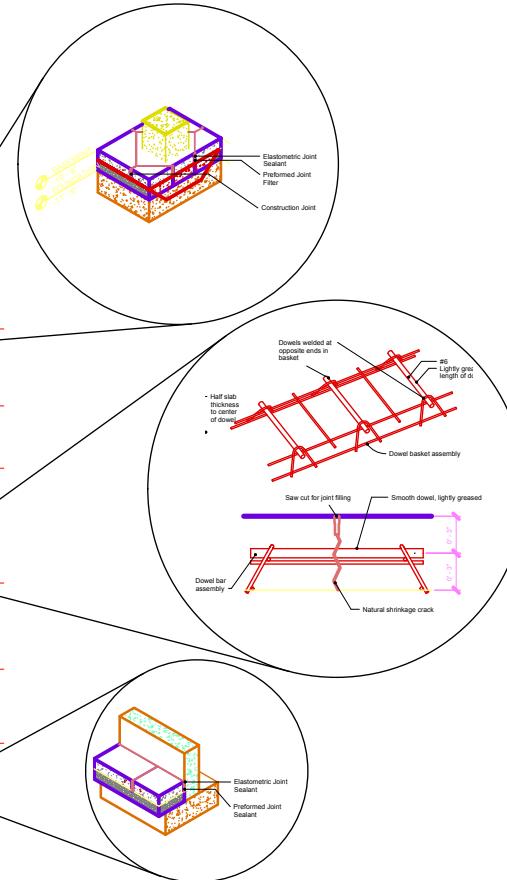
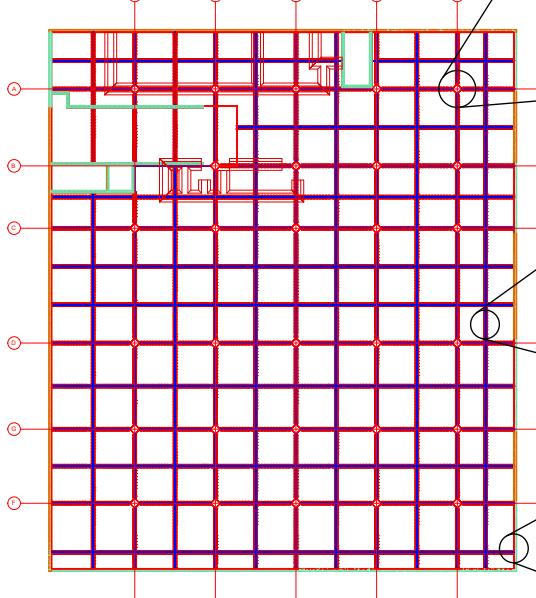


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JOINT TYPES:

 CONTRACTION OR
CONSTRUCTION JOINT
 ISOLATION JOINT



2 DIAMOND P
\$201.1

STRUCTURAL DETAIL

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