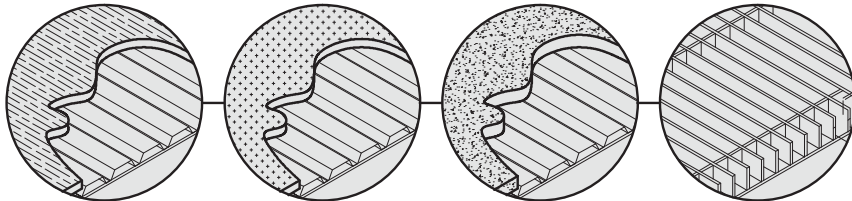


# PRE-ENGINEERED STRUCTURAL STEEL MEZZANINES

## FLOORING OPTIONS

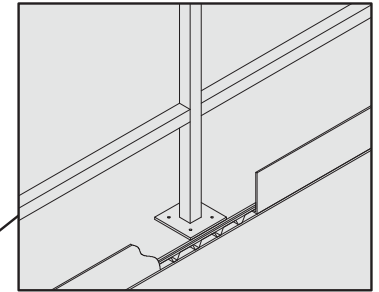


**PLYWOOD OVER FLOOR DECK**

**DIAMOND PLATE OVER FLOOR DECK**

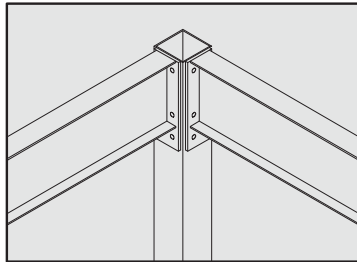
**CONCRETE OVER FLOOR DECK**

**BAR GRATING**



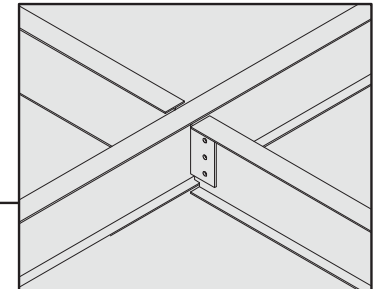
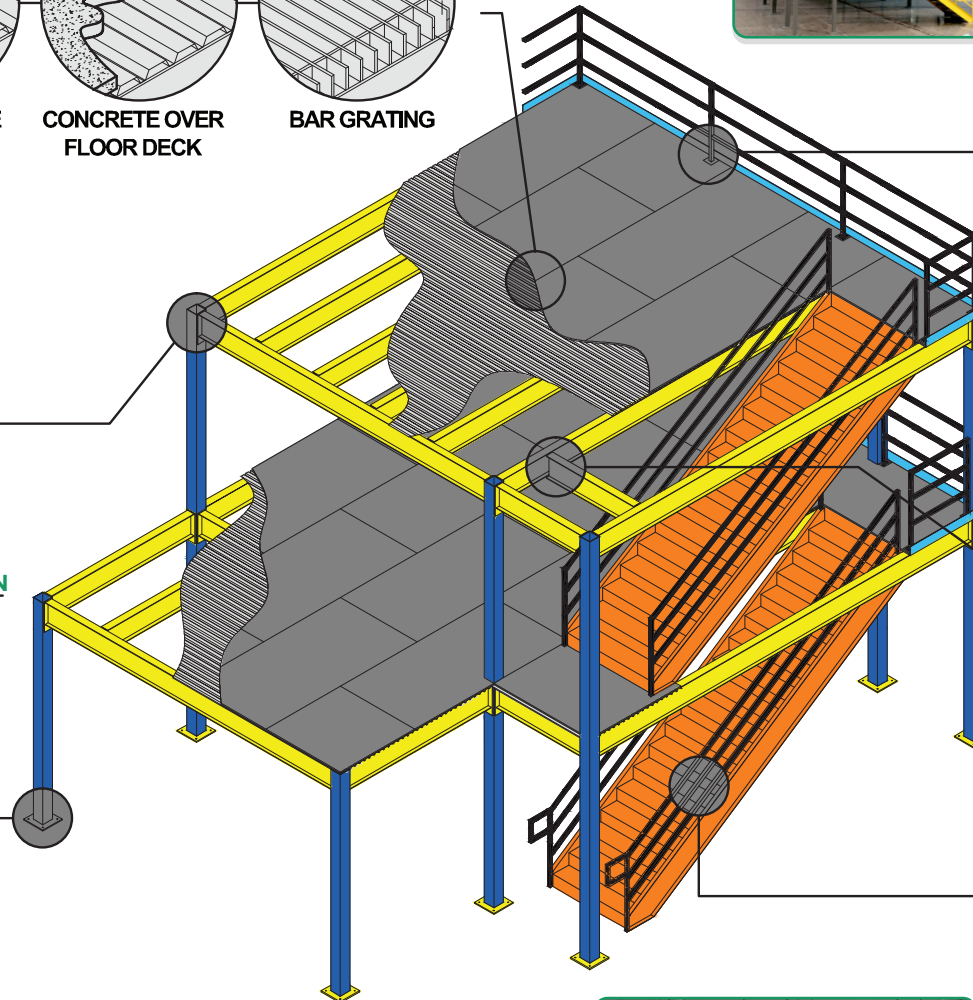
## GUARDRAIL DETAIL

THREE RAIL DESIGN, HEAVY DUTY 14 GA. TUBE STEEL WITH WELDED CONSTRUCTION OR KD SYSTEM MEETS OSHA, BOCA AND CBC REQUIREMENTS



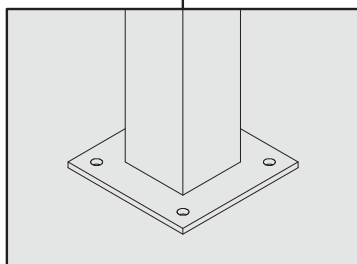
## BEAM TO COLUMN CONNECTION

HEAVY DUTY STRUCTURAL GRADE 6"x6" TUBE STEEL COLUMN, WITH EXCELLENT LOADING CAPACITY, AND HOT ROLLED STRUCTURAL STEEL SHAPES, UNIQUE RIGID CONNECTION, WILL PROVIDE AN EXCELLENT FRAMING SYSTEM WHICH WOULD ELIMINATE A NEED FOR DIAGONAL BRACING.



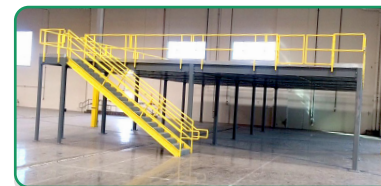
## BEAM TO BEAM CONNECTION

WE FABRICATE BEAMS FROM HOT ROLLED STRUCTURAL STEEL SHAPES; WHICH PROVIDES A GREATER TOLERANCE AND RECOVERY AGAINST IMPACT AS WELL AS OVERLOADING CONDITIONS. WITH THICKER AND HEAVIER BEAM CONNECTIONS, ALL MEMBERS ARE DESIGNED, ENGINEERED, AND FABRICATED TO THE LATEST AWS, AISC, ASTM, AND CBC REQUIREMENTS.



## COLUMN AND BASE PLATE DETAIL

COLUMNS ARE CONSTRUCTED OF MINIMUM 6"x6" STRUCTURAL GRADE HEAVY DUTY TUBE WHICH OFFERS GREATER IMPACT RESISTANCE CAPABILITY. COLUMNS ARE WELDED TO A 3/4" BASE PLATE AND ARE BOLTED TO A CONCRETE FLOOR USING WEDGE ANCHOR BOLTS. ENTRESOLS WILL PROVIDE EACH SYSTEM WITH ALL THE NECESSARY HARDWARE AND FASTENERS FOR INSTALLATION.



## STAIRWAYS

WITHOUT FIELD ADJUSTMENTS AND MODIFICATIONS, ENTRESOLS STAIRS ARE FABRICATED TO THE EXACT MEZZANINE DECK HEIGHT, WHICH WILL INSURE PROPER INSTALLATION AND STRUCTURAL INTEGRITY. STRUCTURAL STEEL CHANNELS STRINGERS AND HANDRAILS ARE SHOP WELDED TO FURTHER INSURE QUALITY, RIGIDITY AND QUICK ASSEMBLY. OUR STANDARD STAIR MEET OSHA, BOCA, AND CBC.