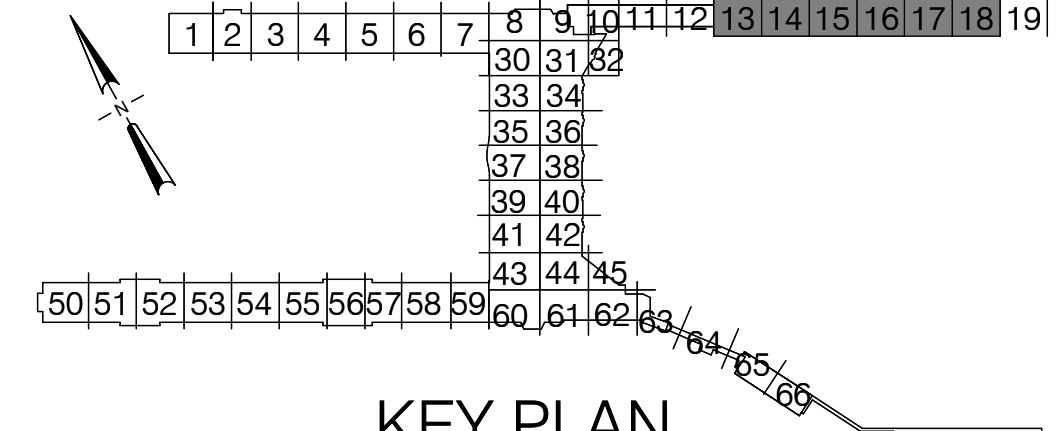
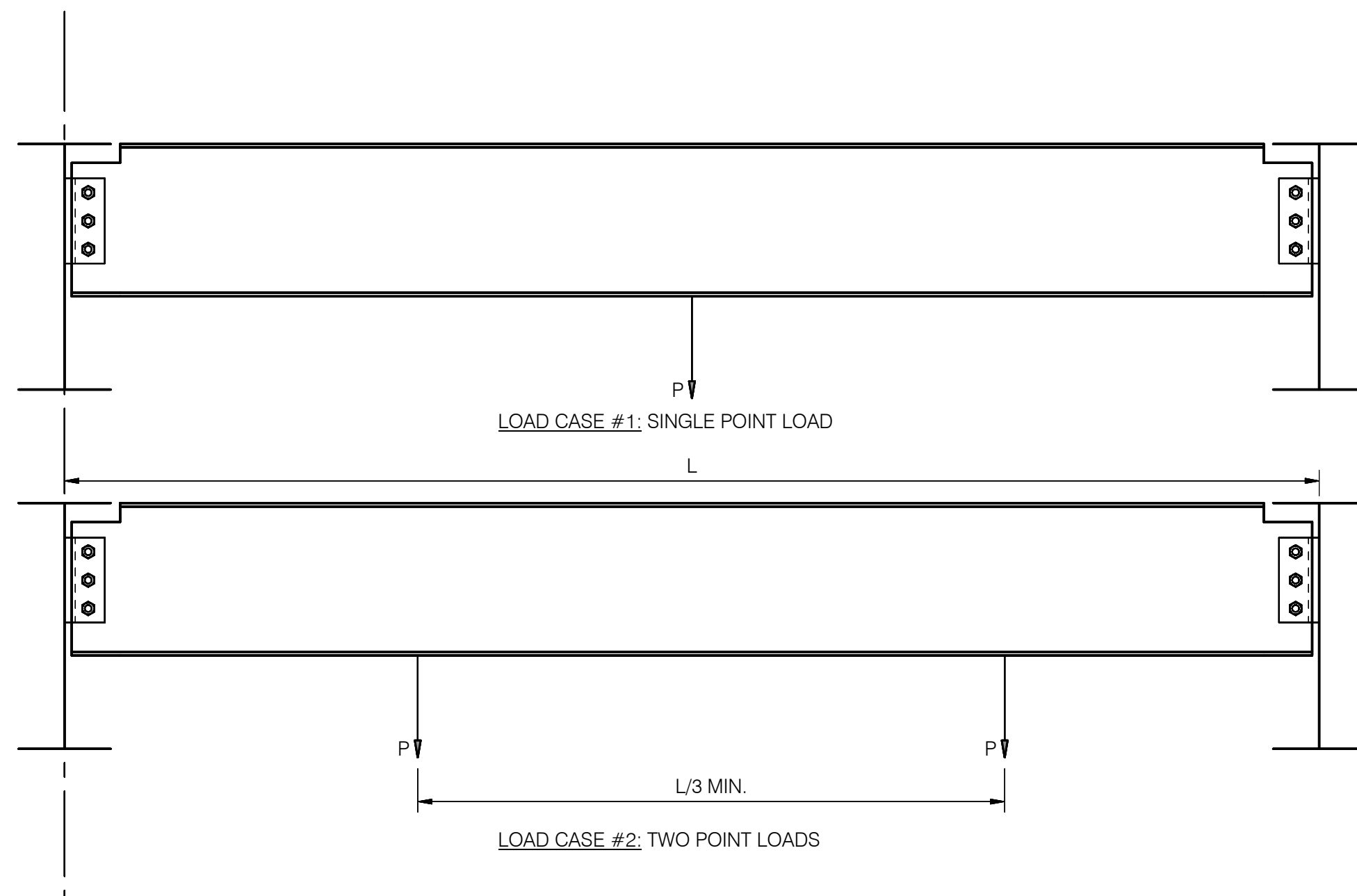


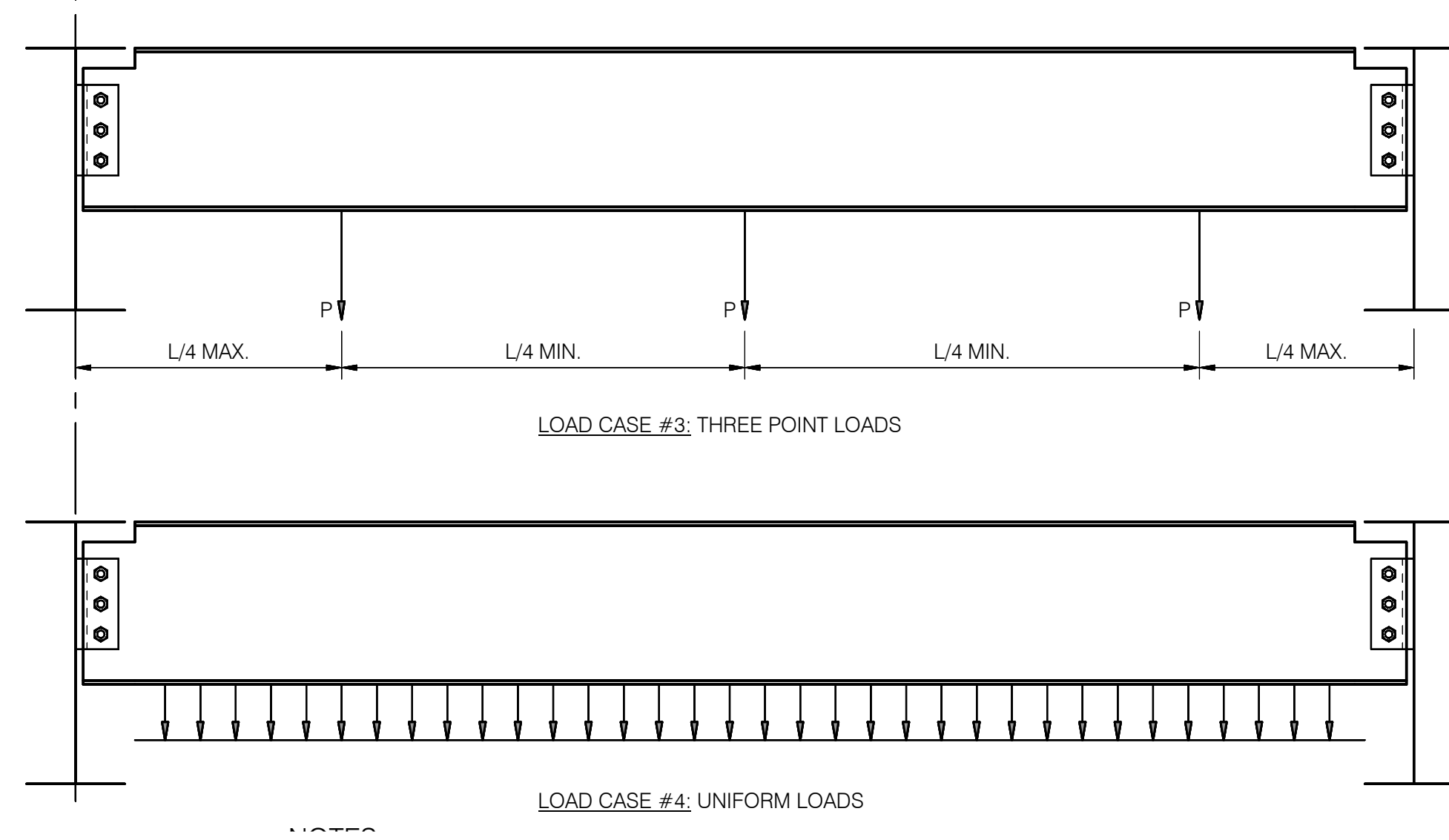
2 **LOADING ROAD**  
SCALE: 1" = 30'



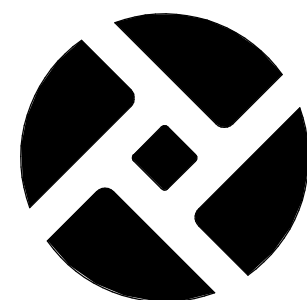
N.T.S.



- NOTES:
1. \* INDICATES BEAMS DESIGNATED TO SUPPORT ALLOWABLE ART LOADS, SEE PLAN.
  2. ART SHOULD BE HUNG ALONG CL OF BEAM AS TO NOT INDUCE TORSION
  3. LICENCED ENGINEER TO DESIGN HANGER CONNECTION INCLUDING PLATES AND STIFFENERS
  4. ALLOWABLE ART LOAD,  $P = 3,000\text{-LBS.}$  SEE 1/XXX FOR MAXIMUM TOTAL ALLOWABLE ART LOAD PER ZONE.



2 ALLOWANCE AT ROOF JOIST  
SCALE: 1" = 1'-0"

[illegible]

DESIGNED BY	Designer
DRAWN BY	Author
CHECKED BY	Checker
DATE	MARCH 2017
SCALE	

PORTLAND INTERNATIONAL AIRPORT  
TBAL - CONCOURSE E EXT - BUILDING EXPANSION

SUBMITTED BY	TYPE	DRAWING NO.	SHEET NO.	DISC. SHT. NO.
PROJECT ENGINEER		PDX 2017-508	/	

## PDX Terminal Balancing – Node Architectural Lighting Conditions

In designing the lighting for the concourse “Nodes” of the PDX Concourse E Expansion, HLB provided the following architectural lighting conditions:

- Even illumination of the ceiling from positions at both the North and South Curtain wall to illuminate the ceiling surface behind potentially suspended art elements.
- Adjustable downlighting to enhance illumination levels at the ground plane, providing sufficient illumination for circulation at North and South perimeter conditions.
- Luminaires that smoothly dim to a minimum of 3%, allowing the lighting system to react to both design changes as well as available daylight.
- All lighting at a 3500K, neutral white, lighting color temperature.

Additional architectural & electrical components were put in place for future artwork including:

- Additional dedicated electrical circuits were provided for illuminated portions of artwork (See Electrical drawings for locations & electrical data).
- Additional structural capacity to support additional weight of artwork (See Architectural and Structural drawings for detailed information).

## NODE ARTWORK LIGHTING RECOMMENDATIONS

HLB recommends the following considerations be taken into account for lighting of artwork or lighting integrated into artwork:

- For artwork that occupies 40% or more of the area in diagrams attached, supplemental illumination will be needed to achieve appropriate light levels.
- Lighting added for artwork or integrated in artwork should coordinate color temperature with the concourse lighting and maintain a 3500K color temperature, unless a colored light or color changing light is desired.
- All lighting to be dimmable to a minimum of 3%, to match the rest of the lighting for the concourse.
- If color-changing lighting is to be used, additional lighting controls may be required to ensure proper dimming capabilities.

