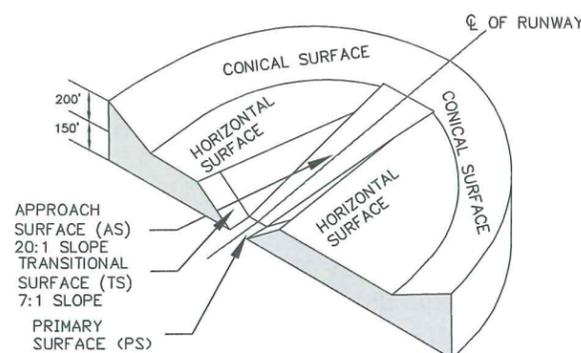


ISOMETRIC VIEW OF IMAGINARY SURFACES



§184-193. DEFINITIONS:

APPROACH SURFACE: A SURFACE LONGITUDINALLY CENTERED ON THE EXTENDED RUNWAY CENTER LINE, EXTENDING OUTWARD AND UPWARD FROM THE END OF THE PRIMARY SURFACE AND AT THE SAME SLOPE AS THE APPROACH ZONE HEIGHT LIMITATION SLOPE. IN PLAN, THE PERIMETER OF THE APPROACH SURFACE COINCIDES WITH THE PERIMETER OF THE APPROACH ZONE.

CONICAL SURFACE: A SURFACE EXTENDING OUTWARD AND UPWARD FROM THE PERIPHERY OF THE HORIZONTAL SURFACE AT A SLOPE OF 20 TO ONE FOR A HORIZONTAL DISTANCE OF 4,000 FEET.

HORIZONTAL SURFACE: A HORIZONTAL PLANE 150 FEET ABOVE THE ESTABLISHED AIRPORT ELEVATION, THE PERIMETER OF WHICH IN PLAN COINCIDES WITH THE PERIMETER OF THE HORIZONTAL ZONE.

PRIMARY SURFACE: A SURFACE LONGITUDINALLY CENTERED ON A RUNWAY. WHEN THE RUNWAY HAS A SPECIFICALLY PREPARED HARD SURFACE, THE PRIMARY SURFACE EXTENDS 200 FEET BEYOND EACH END OF THE RUNWAY. THE WIDTH OF THE PRIMARY SURFACE IS SET FORTH IN THE AIRPORT ZONES BELOW. THE ELEVATION OF ANY POINT ON THE PRIMARY SURFACE IS THE SAME AS THE ELEVATION OF THE NEAREST POINT ON THE RUNWAY CENTER LINE.

TRANSITIONAL SURFACE: THESE SURFACES EXTEND OUTWARD AT THE HORIZONTAL AND CONICAL SURFACE TRANSITION SURFACES FOR THOSE PORTIONS OF THE PRECISION APPROACH SURFACES WHICH PROJECT THROUGH AND ABOVE THE LIMITS OF THE CONICAL SURFACE, EXTENDING A DISTANCE OF 5,000 FEET MEASURED HORIZONTALLY FROM THE EDGE OF THE APPROACH SURFACE AND AT NINETY-DEGREE ANGLES TO THE EXTENDED RUNWAY CENTER LINE.

§184-194. AIRPORT ZONES:

UTILITY RUNWAY NONPRECISION INSTRUMENT APPROACH ZONE: THE INNER EDGE OF THIS APPROACH ZONE COINCIDES WITH THE WIDTH OF THE PRIMARY SURFACE AND IS 500 FEET WIDE. THE APPROACH ZONE SPREADS OUTWARD UNIFORMLY TO A WIDTH OF 2,000 FEET AT A HORIZONTAL DISTANCE 5,000 FEET FROM THE PRIMARY SURFACE. ITS CENTER LINE IS THE CONTINUATION OF THE CENTERLINE OF THE RUNWAY.

TRANSITIONAL ZONES: THE TRANSITIONAL ZONES ARE THE AREAS BENEATH THE TRANSITIONAL SURFACES.

HORIZONTAL ZONE: THE HORIZONTAL ZONE IS ESTABLISHED BY SWINGING ARCS OF 5,000 FEET RADIUS FOR ALL RUNWAYS DESIGNATED UTILITY OR VISUAL AND 10,000 FEET FOR ALL OTHERS FROM THE CENTER OF EACH END OF THE PRIMARY SURFACE OF EACH RUNWAY AND CONNECTING THE ADJACENT ARCS BY DRAWING LINES TANGENT TO THOSE ARCS. THE HORIZONTAL ZONE DOES NOT INCLUDE THE APPROACH AND TRANSITIONAL ZONES.

CONICAL ZONE: THE CONICAL ZONE IS ESTABLISHED AS THE AREA THAT COINCIDES AT THE PERIPHERY OF THE HORIZONTAL AND EXTENDS OUTWARD THEREFROM A HORIZONTAL DISTANCE OF 4,000 FEET.

§184-195. AIRPORT ZONE HEIGHT LIMITATIONS:

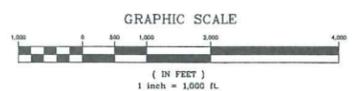
UTILITY RUNWAY NONPRECISION INSTRUMENT APPROACH ZONE: SLOPES 20 FEET OUTWARD FOR EACH FOOT UPWARD BEGINNING AT THE END OF AND AT THE SAME ELEVATION AS THE APPROACH SURFACE AND EXTENDING TO A HORIZONTAL DISTANCE OF 5,000 FEET ALONG THE EXTENDED RUNWAY CENTER LINE.

TRANSITIONAL ZONES: SLOPES SEVEN FEET OUTWARD FOR EACH FOOT UPWARD BEGINNING AT THE SIDES OF AND AT THE ELEVATION OF THE PRIMARY SURFACE AND EXTENDING TO A HEIGHT OF 150 FEET ABOVE THE AIRPORT ELEVATION, WHICH IS 311 FEET ABOVE MEAN SEA LEVEL. IN ADDITION TO THE FOREGOING, THERE ARE ESTABLISHED HEIGHT LIMITS SLOPING SEVEN FEET OUTWARD FOR EACH FOOT UPWARD BEGINNING AT THE SIDES OF AND THE SAME ELEVATION AS THE APPROACH SURFACE, AND EXTENDING TO WHERE THEY INTERSECT THE CONICAL SURFACE.

HORIZONTAL ZONE: ESTABLISHED AT 150 FEET ABOVE THE AIRPORT ELEVATION OR AT A HEIGHT OF 461 FEET ABOVE SEA LEVEL.

CONICAL ZONE: SLOPES 20 FEET OUTWARD FOR EACH FOOT UPWARD BEGINNING AT THE PERIPHERY OF THE HORIZONTAL ZONE AND AT 150 FEET ABOVE THE AIRPORT ELEVATION AND EXTENDING TO A HEIGHT OF 350 FEET ABOVE THE AIRPORT ELEVATION.

DATUM: MEAN SEA LEVEL
AIRPORT ELEVATION: 311 FEET AMSL



Pennoni

Engineers • Surveyors • Planners • Landscape Architects

One Drexel Plaza
3001 Market Street, Suite 200
Philadelphia, PA 19104 - 215.292.2000

POTTSTOWN-LIMERICK AIRPORT MAP

LIMERICK TOWNSHIP
645 WEST BRIDGE PHE
LIMERICK, PA 19358

LIMERICK TOWNSHIP

JOB NO. _____
SHEET 1 OF 1

SCALE 1:1000
DRAWN BY MPT
DATE 4/11/07
APPROVED _____

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE HEREBY REVISED IN WHOLE OR IN PART. IF THE PROJECT IS NOT WITHIN OR REPRESENTED TO BE SUBJECT FOR REVIEW BY OWNER OR OTHERS ON OCCASION OF THE PROJECT OR ON ANY OTHER PROJECT ANY REUSE WITHOUT WRITTEN APPROVAL OR AGREEMENT BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNER'S RISK AND WITHOUT LIABILITY OR GUARANTEE. PENNONI ASSOCIATES AND OWNER SHALL HOLD PENNONI ASSOCIATES AND PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.