

FEDERAL AVIATION REGULATION PART 150

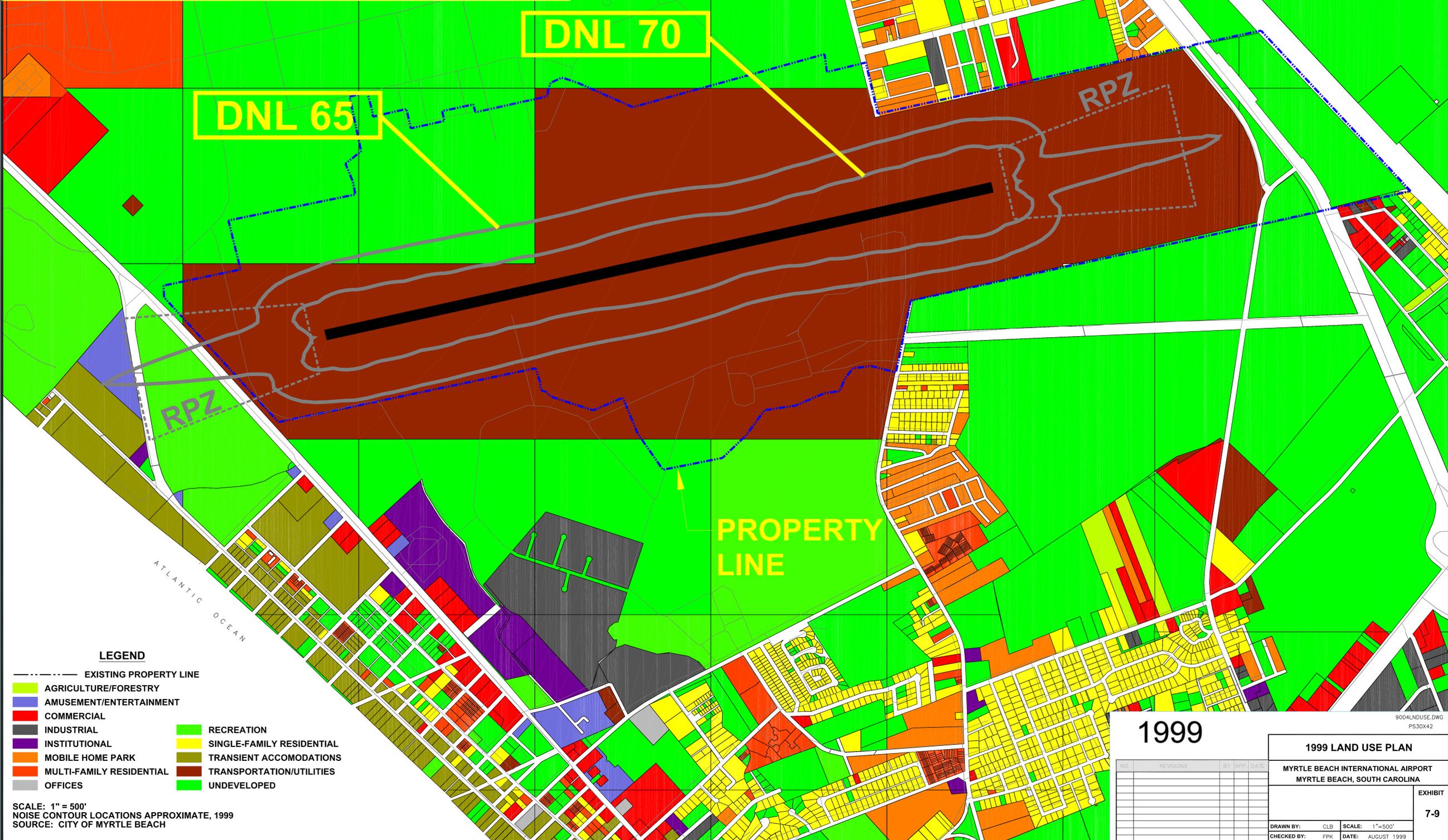
LAND USE COMPATIBILITY WITH YEARLY DAY-NIGHT AVERAGE SOUND LEVELS

Land Use	Twenty-Day-Night Average Sound Level (L _{24N}) in Decibels				
	Below 65	65-70	70-75	75-80	Over 85
Residential	Y	N(1)	N(1)	N	N
Residential, other than mobile homes and transient lodgings	Y	N(1)	N(1)	N	N
Mobile home parks	Y	N(1)	N(1)	N	N
Transient lodgings	Y	N(1)	N(1)	N	N
Public Use	Y	Y	Y	Y	Y
Hospitals and nursing homes	Y	Y	Y	Y	Y
Theaters, auditoriums, and concert halls	Y	Y	Y	Y	Y
Governmental services	Y	Y	Y	Y	Y
Transportation	Y	Y	Y	Y	Y
Parking	Y	Y	Y	Y	Y
Commercial Use	Y	Y	Y	Y	Y
Offices, business and professional	Y	Y	Y	Y	Y
Wholesale and retail-building materials, hardware and farm equipment	Y	Y	Y	Y	Y
Local trade-general	Y	Y	Y	Y	Y
Distillation	Y	Y	Y	Y	Y
Communication	Y	Y	Y	Y	Y
Manufacturing and Production	Y	Y	Y	Y	Y
Photographic and optical	Y	Y	Y	Y	Y
Agriculture (except livestock) and forestry	Y	Y	Y	Y	Y
Livestock raising and breeding	Y	Y	Y	Y	Y
Mining and fishing, resource production and extraction	Y	Y	Y	Y	Y
Recreational	Y	Y	Y	Y	Y
Outdoor sports areas and spectator sports	Y	Y	Y	Y	Y
Outdoor picnic areas, amphitheaters	Y	Y	Y	Y	Y
Nature exhibits and zoos	Y	Y	Y	Y	Y
Recreational parks, resorts, and camps	Y	Y	Y	Y	Y
Golf courses, riding stables and water recreation	Y	Y	Y	Y	Y

Numbers in parentheses refer to notes.

*The designations contained in this table do not constitute a Federal determination that any use of land covered by the program is acceptable or unacceptable under Federal, State or local law. The responsibility for determining the acceptable and permissible land uses and the relationship between specific properties and specific noise contours rests with the local authorities. FAA determinations under Part 150 are not intended to substitute Federal determinations for those determined to be appropriate by local authorities in response to locally determined needs and values in achieving noise compatible land uses.

- KEY TO TABLE**
- Y (Yes) Land use and related structures compatible without restrictions.
 N (No) Land use and related structures are not compatible and should be prohibited.
 NLR Noise Level Reduction (outdoors to indoors) to be achieved through incorporation of noise attenuation into the design and construction of the structure.
 Land use and related structures generally compatible; measures to achieve NLR of 25, 30, or 35 dB must be incorporated into design and construction of structure.
- NOTES FOR TABLE**
- Where the community determines that residential or mixed uses must be allowed, measures to achieve outdoor to indoor Noise Level Reduction (NLR) of at least 25 dB and 30 dB should be incorporated into building codes and be considered in individual approvals. Normal residential construction can be expected to provide a NLR of 30 dB, thus, the reduction requirements are often stated as 5, 10, or 15 dB over standard construction and generally require mechanical ventilation and closed window year round. However, the use of NLR criteria will not eliminate outdoor noise problems.
 - Measures to achieve NLR of 25 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
 - Measures to achieve NLR of 30 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
 - Measures to achieve NLR of 35 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.
 - Land use compatible provided special sound reinforcement systems are installed.
 - Residential buildings require an NLR of 25.
 - Residential buildings require an NLR of 30.
 - Residential buildings not permitted.



LEGEND

- EXISTING PROPERTY LINE
- AGRICULTURE/FORESTRY
- AMUSEMENT/ENTERTAINMENT
- COMMERCIAL
- INDUSTRIAL
- INSTITUTIONAL
- MOBILE HOME PARK
- MULTI-FAMILY RESIDENTIAL
- OFFICES
- RECREATION
- SINGLE-FAMILY RESIDENTIAL
- TRANSIENT ACCOMMODATIONS
- TRANSPORTATION/UTILITIES
- UNDEVELOPED

SCALE: 1" = 500'
 NOISE CONTOUR LOCATIONS APPROXIMATE, 1999
 SOURCE: CITY OF MYRTLE BEACH

1999

9004LNDUSE.DWG
 PS30X42

1999 LAND USE PLAN

MYRTLE BEACH INTERNATIONAL AIRPORT
 MYRTLE BEACH, SOUTH CAROLINA

EXHIBIT
 7-9

NO.	REVISIONS	BY	APP.	DATE

DRAWN BY: CLB SCALE: 1"=500'
 CHECKED BY: FPK DATE: AUGUST 1999

FEDERAL AVIATION REGULATION PART 150

LAND USE COMPATIBILITY WITH YEARLY DAY-NIGHT AVERAGE SOUND LEVELS

Land Use	Forty Day-Night Average Sound Level (dBN) in Decibels				
	Below 65	65-70	70-75	75-80	Over 80
Residential					
Residential, other than mobile homes and transient lodgings	Y	N(1)	N(1)	N	N
Mobile home parks	Y	N(1)	N(1)	N	N
Transient lodgings	Y	N(1)	N(1)	N	N
Public Use					
Schools	Y	N(1)	N(1)	N	N
Hospitals and nursing homes	Y	25	30	N	N
Theaters, auditoriums, and concert halls	Y	25	30	N	N
Governmental services	Y	Y(2)	Y(3)	Y(4)	Y(4)
Transportation	Y	Y	Y(3)	Y(4)	N
Parking	Y	Y	Y(3)	Y(4)	N
Commercial Use					
Offices, business and professional	Y	Y	25	30	N
Wholesale and retail-building materials, hardware and farm equipment	Y	Y	Y(2)	Y(3)	Y(4)
Retail trade-general	Y	Y	Y(2)	Y(3)	Y(4)
Distributors	Y	Y	25	30	N
Communication	Y	Y	25	30	N
Manufacturing and Production					
Manufacturing, general	Y	Y	Y(2)	Y(3)	N
Photographic and optical	Y	Y	25	30	N
Agriculture (except livestock) and forestry	Y	Y(6)	Y(7)	Y(8)	Y(9)
Livestock raising and breeding	Y	Y(6)	Y(7)	N	Y
Mining and fishing, resource production and extraction	Y	Y	Y	Y	Y
Recreational					
Outdoor sports areas and spectator sports	Y	Y(5)	Y(5)	N	N
Outdoor picnic areas, amphitheaters	Y	Y	Y	N	N
Nature exhibits and zoos	Y	Y	N	N	N
Amusement parks, resorts, and camps	Y	Y	25	30	N
Golf courses, riding stables and water recreation	Y	Y	25	30	N

Numbers in parentheses refer to notes.

*The designations contained in this table do not constitute a Federal determination that any use of land covered by the program is acceptable or unacceptable under Federal, State or local law. The responsibility for determining the acceptable and permissible land uses and the relationship between specific properties and specific noise contours rests with the local authorities. FAA determinations under Part 150 are not intended to substitute Federally determined land uses for those determined to be appropriate by local authorities in response to locally determined needs and values in achieving noise compatible land uses.

KEY TO TABLE

Y (Yes) Land use and related structures compatible without restrictions.
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 NLR Noise Level Reduction (outdoor to indoor) to be achieved through incorporation of noise attenuation into the design and construction of the structure.
 Land use and related structures generally compatible; measures to achieve NLR of 25, 30, or 35 dB must be incorporated into design and construction of structure.

NOTES FOR TABLE

(1) Where the community determines that residential or school uses must be allowed, measures to achieve outdoor to indoor Noise Level Reduction (NLR) of at least 25 dB and 30 dB should be incorporated into building codes and be considered in individual approvals. Normal residential construction can be expected to provide a NLR of 30 dB; thus, the reduction requirements are often stated as 5, 10, or 15 dB over standard construction and generally require mechanical ventilation and closed window year round. However, the use of NLR criteria will not eliminate outdoor noise problems.

(2) Measures to achieve NLR of 25 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

(3) Measures to achieve NLR of 30 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

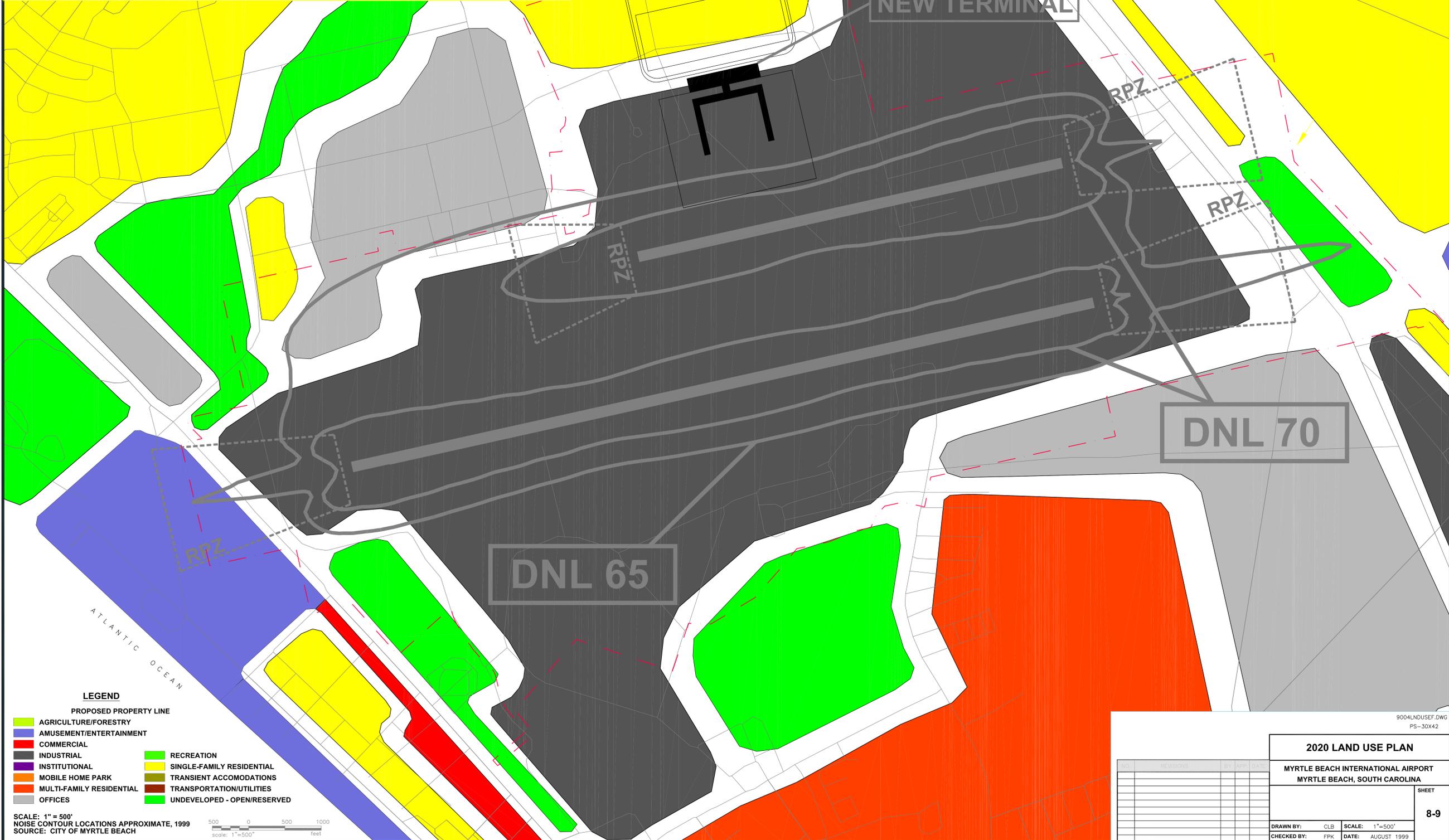
(4) Measures to achieve NLR of 35 dB must be incorporated into the design and construction of portions of these buildings where the public is received, office areas, noise sensitive areas or where the normal noise level is low.

(5) Land use compatible provided special sound reinforcement systems are installed.

(6) Residential buildings require an NLR of 25.

(7) Residential buildings require an NLR of 30.

(8) Residential buildings not permitted.



LEGEND

- PROPOSED PROPERTY LINE
- AGRICULTURE/FORESTRY
 - AMUSEMENT/ENTERTAINMENT
 - COMMERCIAL
 - INDUSTRIAL
 - INSTITUTIONAL
 - MOBILE HOME PARK
 - MULTI-FAMILY RESIDENTIAL
 - OFFICES
 - RECREATION
 - SINGLE-FAMILY RESIDENTIAL
 - TRANSIENT ACCOMMODATIONS
 - TRANSPORTATION/UTILITIES
 - UNDEVELOPED - OPEN/RESERVED

SCALE: 1" = 500'
 NOISE CONTOUR LOCATIONS APPROXIMATE, 1999
 SOURCE: CITY OF MYRTLE BEACH



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PS-30X42

NO.	REVISIONS	BY	APP.	DATE

2020 LAND USE PLAN

MYRTLE BEACH INTERNATIONAL AIRPORT
MYRTLE BEACH, SOUTH CAROLINA

SHEET
8-9

DRAWN BY: CLB	SCALE: 1"=500'
CHECKED BY: FPK	DATE: AUGUST 1999