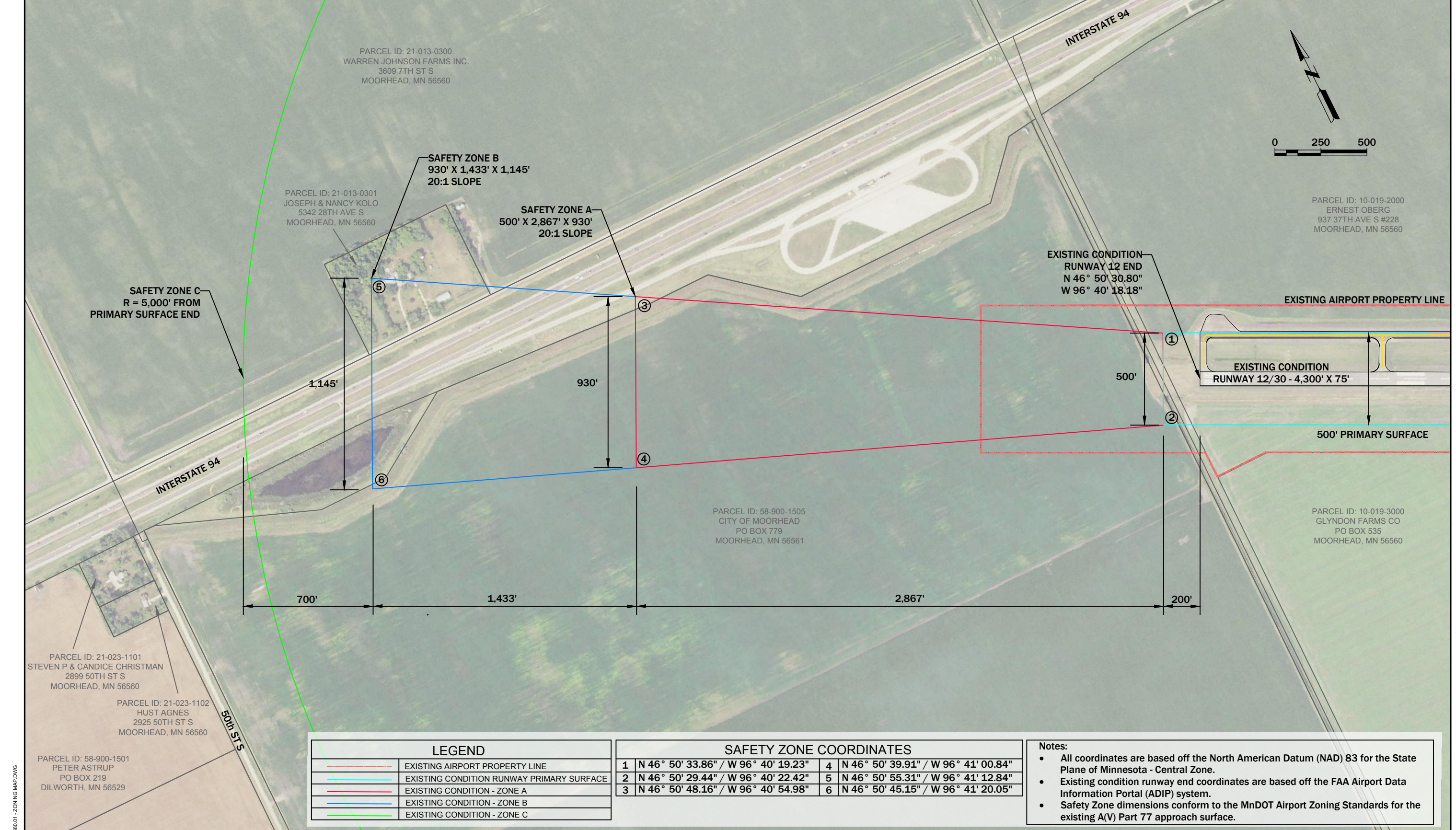
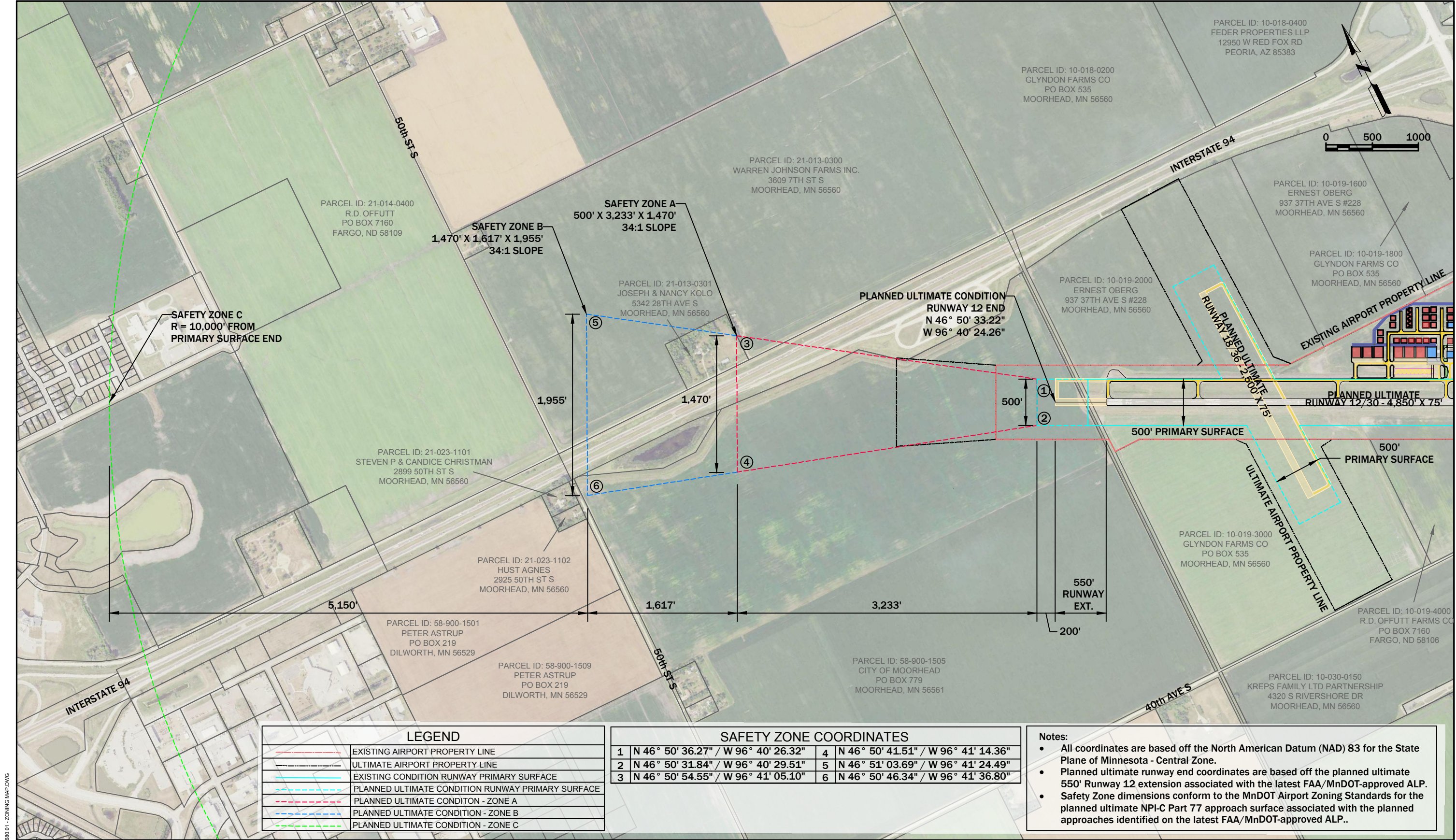




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MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA
CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

EXISTING CONDITION AIRPORT SAFETY ZONES -
RUNWAY 12



LEGEND	
	EXISTING AIRPORT PROPERTY LINE
	ULTIMATE AIRPORT PROPERTY LINE
	EXISTING CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITON - ZONE A
	PLANNED ULTIMATE CONDITION - ZONE B
	PLANNED ULTIMATE CONDITION - ZONE C

SAFETY ZONE COORDINATES					
1	N 46° 50' 36.27" / W 96° 40' 26.32"	4	N 46° 50' 41.51" / W 96° 41' 14.36"		
2	N 46° 50' 31.84" / W 96° 40' 29.51"	5	N 46° 51' 03.69" / W 96° 41' 24.49"		
3	N 46° 50' 54.55" / W 96° 41' 05.10"	6	N 46° 50' 46.34" / W 96° 41' 36.80"		

Notes:

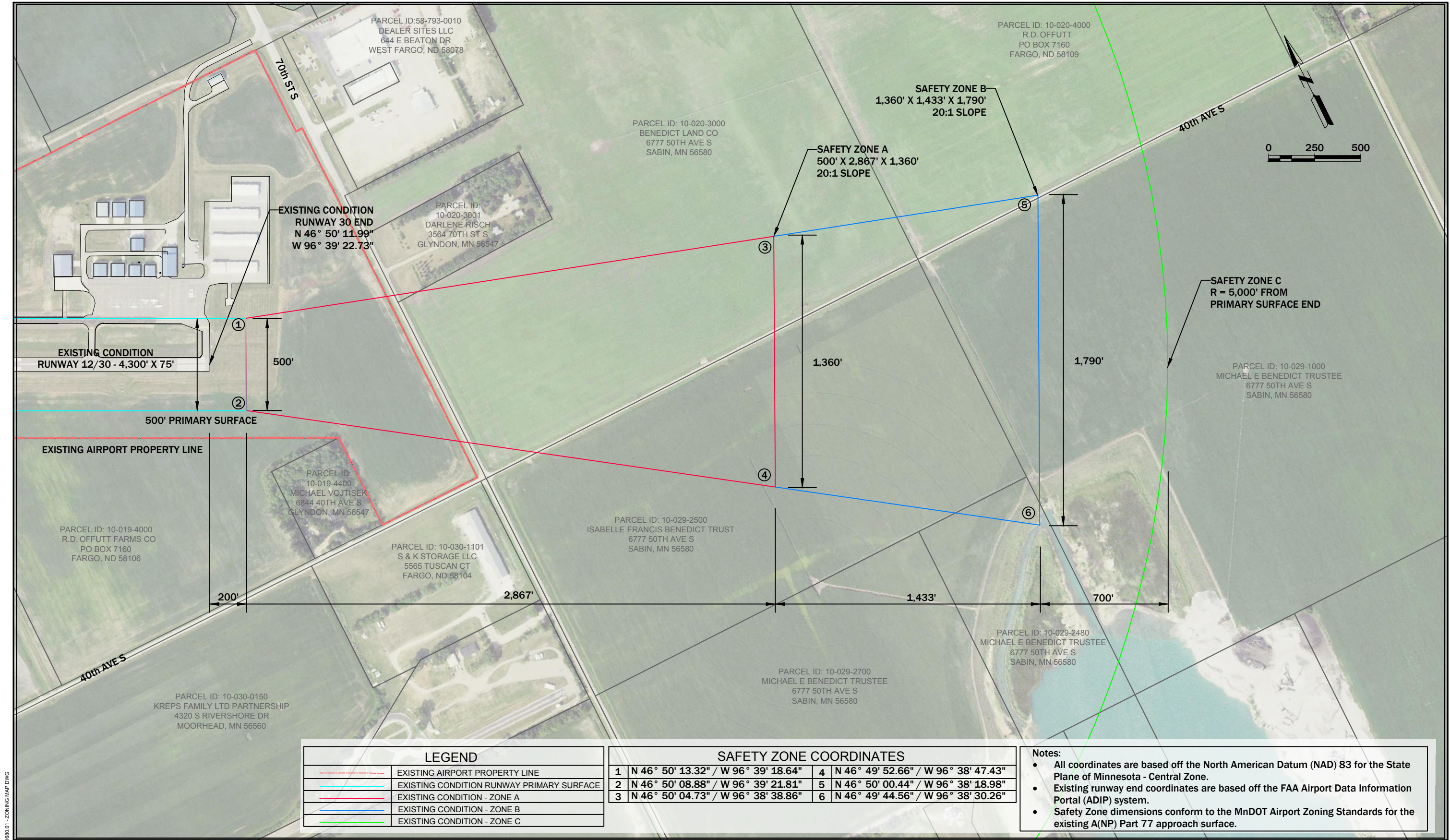
- All coordinates are based off the North American Datum (NAD) 83 for the State Plane of Minnesota - Central Zone.
- Planned ultimate runway end coordinates are based off the planned ultimate 550' Runway 12 extension associated with the latest FAA/MnDOT-approved ALP.
- Safety Zone dimensions conform to the MnDOT Airport Zoning Standards for the planned ultimate NPI-C Part 77 approach surface associated with the planned approaches identified on the latest FAA/MnDOT-approved ALP..

MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA

CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

PLANNED ULTIMATE CONDITION AIRPORT SAFETY ZONES -
RUNWAY 12





LEGEND	
	EXISTING AIRPORT PROPERTY LINE
	EXISTING CONDITION RUNWAY PRIMARY SURFACE
	EXISTING CONDITION - ZONE A
	EXISTING CONDITION - ZONE B
	EXISTING CONDITION - ZONE C

SAFETY ZONE COORDINATES					
1	N 46° 50' 13.32" / W 96° 39' 18.64"	4	N 46° 49' 52.66" / W 96° 38' 47.43"		
2	N 46° 50' 08.88" / W 96° 39' 21.81"	5	N 46° 50' 00.44" / W 96° 38' 18.98"		
3	N 46° 50' 04.73" / W 96° 38' 38.86"	6	N 46° 49' 44.56" / W 96° 38' 30.26"		

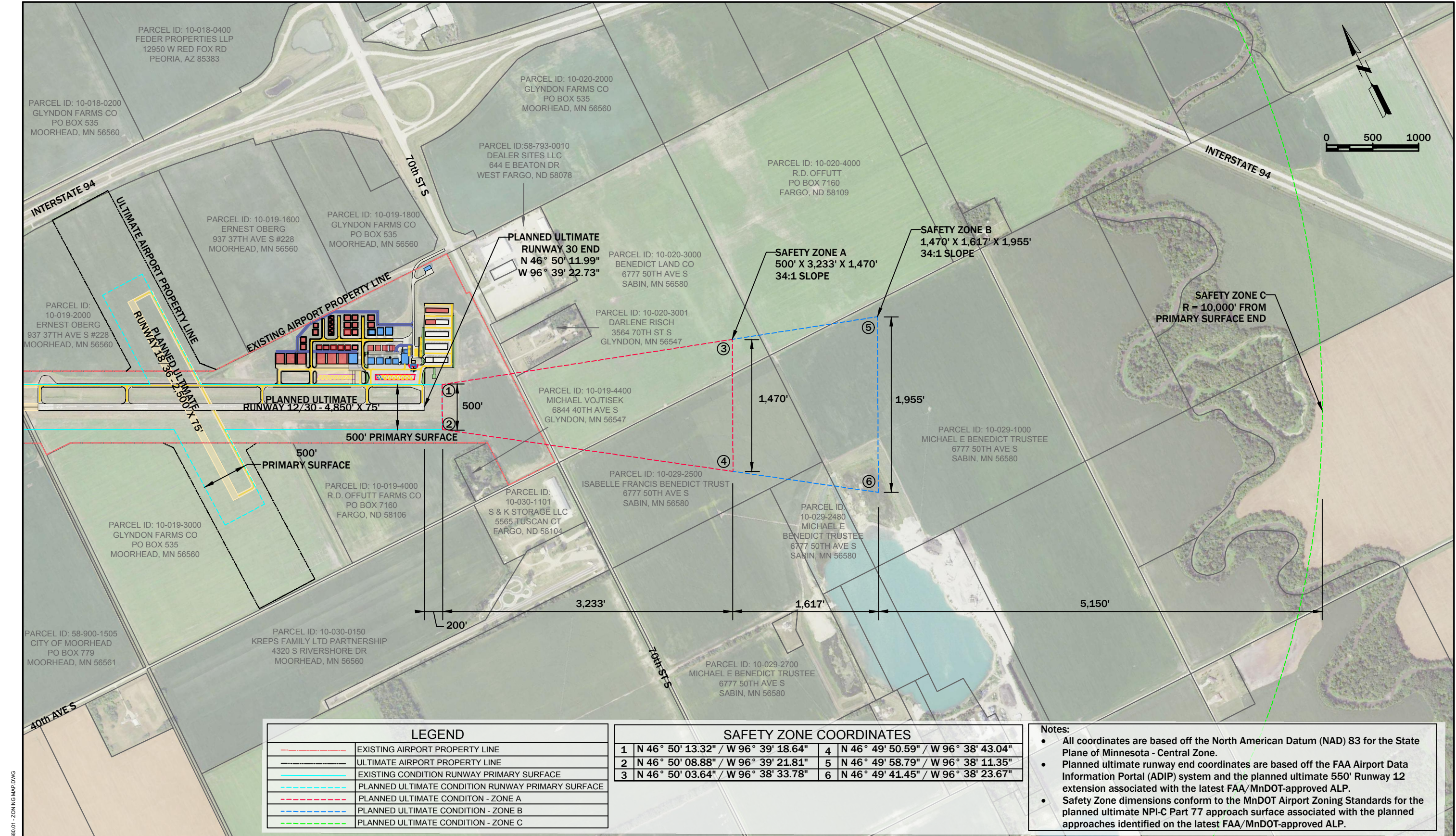
- Notes:
- All coordinates are based off the North American Datum (NAD) 83 for the State Plane of Minnesota - Central Zone.
 - Existing runway end coordinates are based off the FAA Airport Data Information Portal (ADIP) system.
 - Safety Zone dimensions conform to the MnDOT Airport Zoning Standards for the existing A(NP) Part 77 approach surface.

MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA

CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

EXISTING CONDITION AIRPORT SAFETY ZONES -
RUNWAY 30





LEGEND	
	EXISTING AIRPORT PROPERTY LINE
	ULTIMATE AIRPORT PROPERTY LINE
	EXISTING CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITON - ZONE A
	PLANNED ULTIMATE CONDITION - ZONE B
	PLANNED ULTIMATE CONDITION - ZONE C

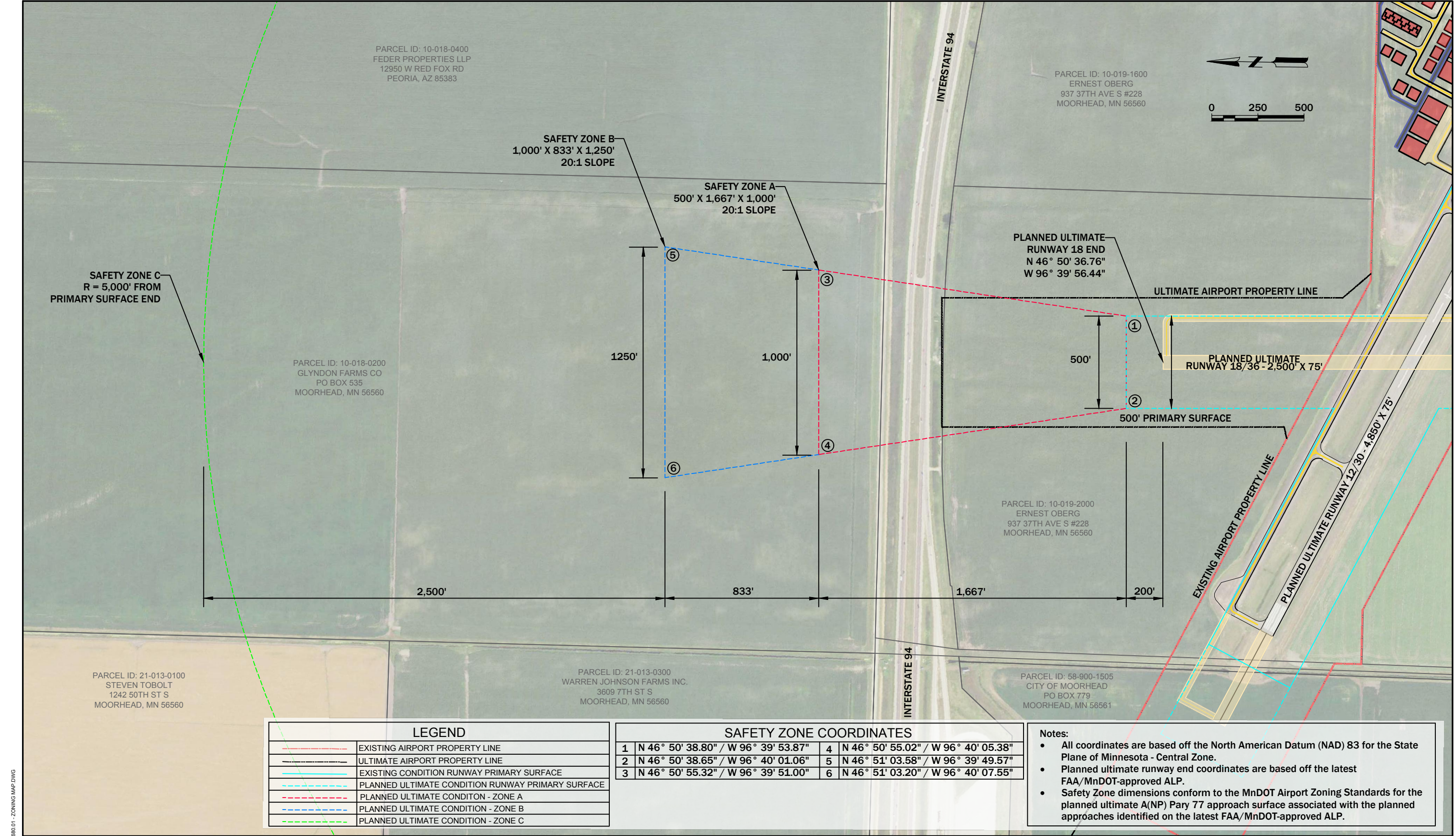
SAFETY ZONE COORDINATES					
1	N 46° 50' 13.32" / W 96° 39' 18.64"	4	N 46° 49' 50.59" / W 96° 38' 43.04"		
2	N 46° 50' 08.88" / W 96° 39' 21.81"	5	N 46° 49' 58.79" / W 96° 38' 11.35"		
3	N 46° 50' 03.64" / W 96° 38' 33.78"	6	N 46° 49' 41.45" / W 96° 38' 23.67"		

- Notes:
- All coordinates are based off the North American Datum (NAD) 83 for the State Plane of Minnesota - Central Zone.
 - Planned ultimate runway end coordinates are based off the FAA Airport Data Information Portal (ADIP) system and the planned ultimate 550' Runway 12 extension associated with the latest FAA/MnDOT-approved ALP.
 - Safety Zone dimensions conform to the MnDOT Airport Zoning Standards for the planned ultimate NPI-C Part 77 approach surface associated with the planned approaches identified on the latest FAA/MnDOT-approved ALP.

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MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA
CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

PLANNED ULTIMATE AIRPORT SAFETY ZONES -
RUNWAY 30



LEGEND	
	EXISTING AIRPORT PROPERTY LINE
	ULTIMATE AIRPORT PROPERTY LINE
	EXISTING CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITON - ZONE A
	PLANNED ULTIMATE CONDITION - ZONE B
	PLANNED ULTIMATE CONDITION - ZONE C

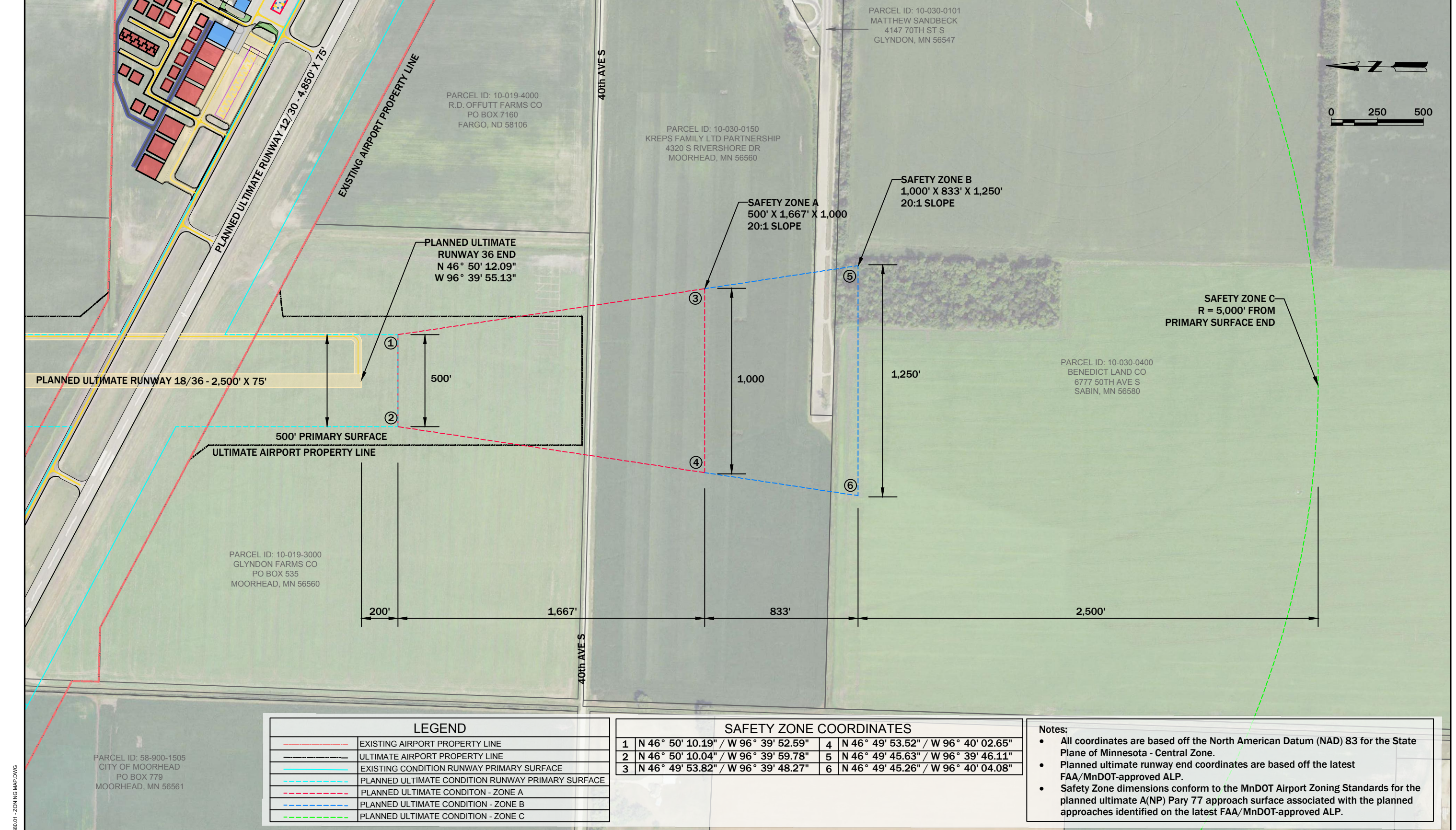
SAFETY ZONE COORDINATES					
1	N 46° 50' 38.80" / W 96° 39' 53.87"	4	N 46° 50' 55.02" / W 96° 40' 05.38"		
2	N 46° 50' 38.65" / W 96° 40' 01.06"	5	N 46° 51' 03.58" / W 96° 39' 49.57"		
3	N 46° 50' 55.32" / W 96° 39' 51.00"	6	N 46° 51' 03.20" / W 96° 40' 07.55"		

- Notes:
- All coordinates are based off the North American Datum (NAD) 83 for the State Plane of Minnesota - Central Zone.
 - Planned ultimate runway end coordinates are based off the latest FAA/MnDOT-approved ALP.
 - Safety Zone dimensions conform to the MnDOT Airport Zoning Standards for the planned ultimate A(NP) Pary 77 approach surface associated with the planned approaches identified on the latest FAA/MnDOT-approved ALP.

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MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA
CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

PLANNED ULTIMATE AIRPORT SAFETY ZONES -
RUNWAY 18

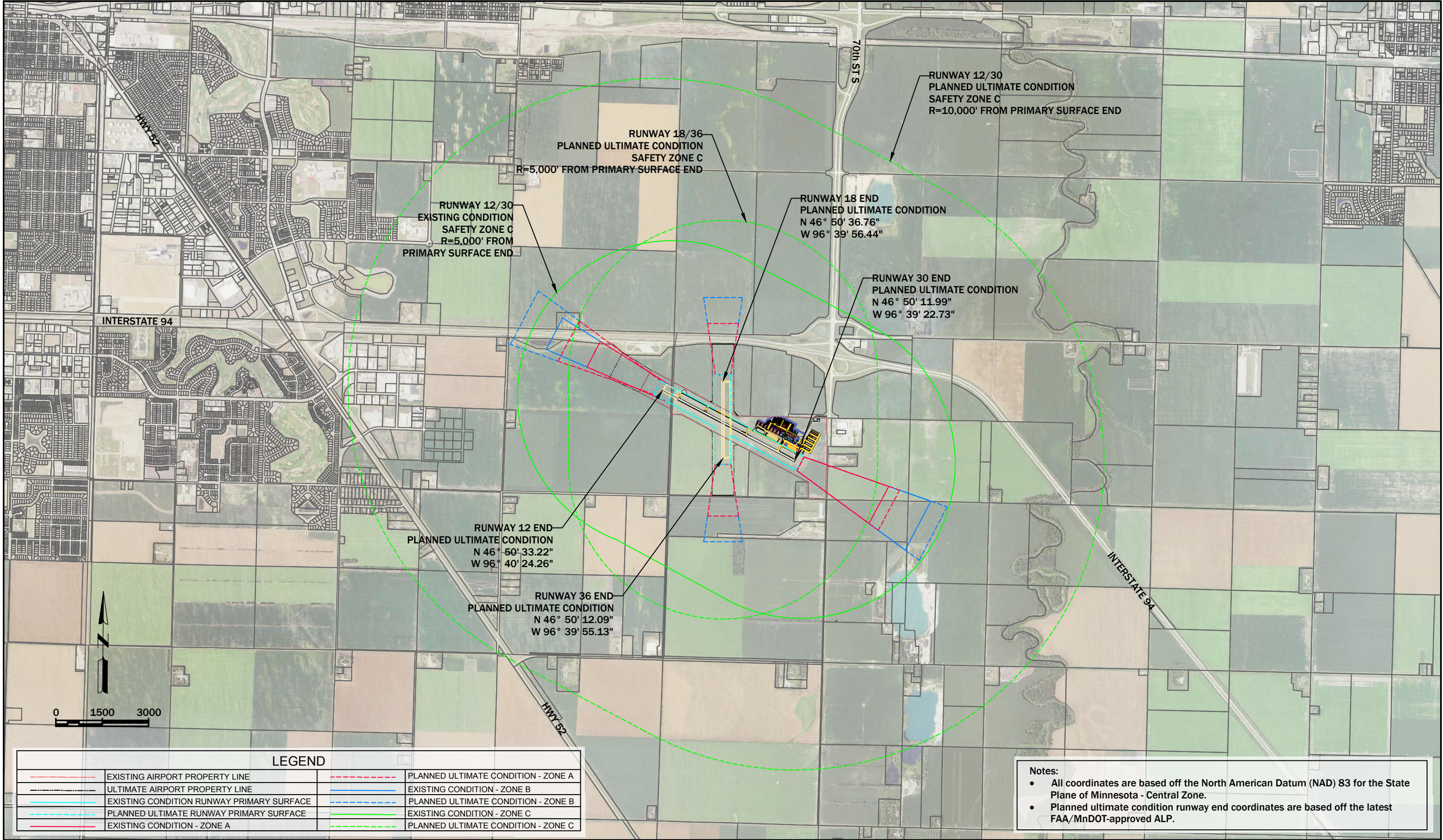


LEGEND	
	EXISTING AIRPORT PROPERTY LINE
	ULTIMATE AIRPORT PROPERTY LINE
	EXISTING CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITION RUNWAY PRIMARY SURFACE
	PLANNED ULTIMATE CONDITON - ZONE A
	PLANNED ULTIMATE CONDITION - ZONE B
	PLANNED ULTIMATE CONDITION - ZONE C

SAFETY ZONE COORDINATES					
1	N 46° 50' 10.19" / W 96° 39' 52.59"	4	N 46° 49' 53.52" / W 96° 40' 02.65"		
2	N 46° 50' 10.04" / W 96° 39' 59.78"	5	N 46° 49' 45.63" / W 96° 39' 46.11"		
3	N 46° 49' 53.82" / W 96° 39' 48.27"	6	N 46° 49' 45.26" / W 96° 40' 04.08"		

Notes:

- All coordinates are based off the North American Datum (NAD) 83 for the State Plane of Minnesota - Central Zone.
- Planned ultimate runway end coordinates are based off the latest FAA/MnDOT-approved ALP.
- Safety Zone dimensions conform to the MnDOT Airport Zoning Standards for the planned ultimate A(NP) Pary 77 approach surface associated with the planned approaches identified on the latest FAA/MnDOT-approved ALP.



MOORHEAD MUNICIPAL AIRPORT
MOORHEAD, MINNESOTA
CLIENT# 3212100
JOB# 221680.01
DATE SEPTEMBER 2022

AIRPORT SAFETY ZONES - EXISTING CONDITIONS AND
PLANNED ULTIMATE CONDITIONS

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