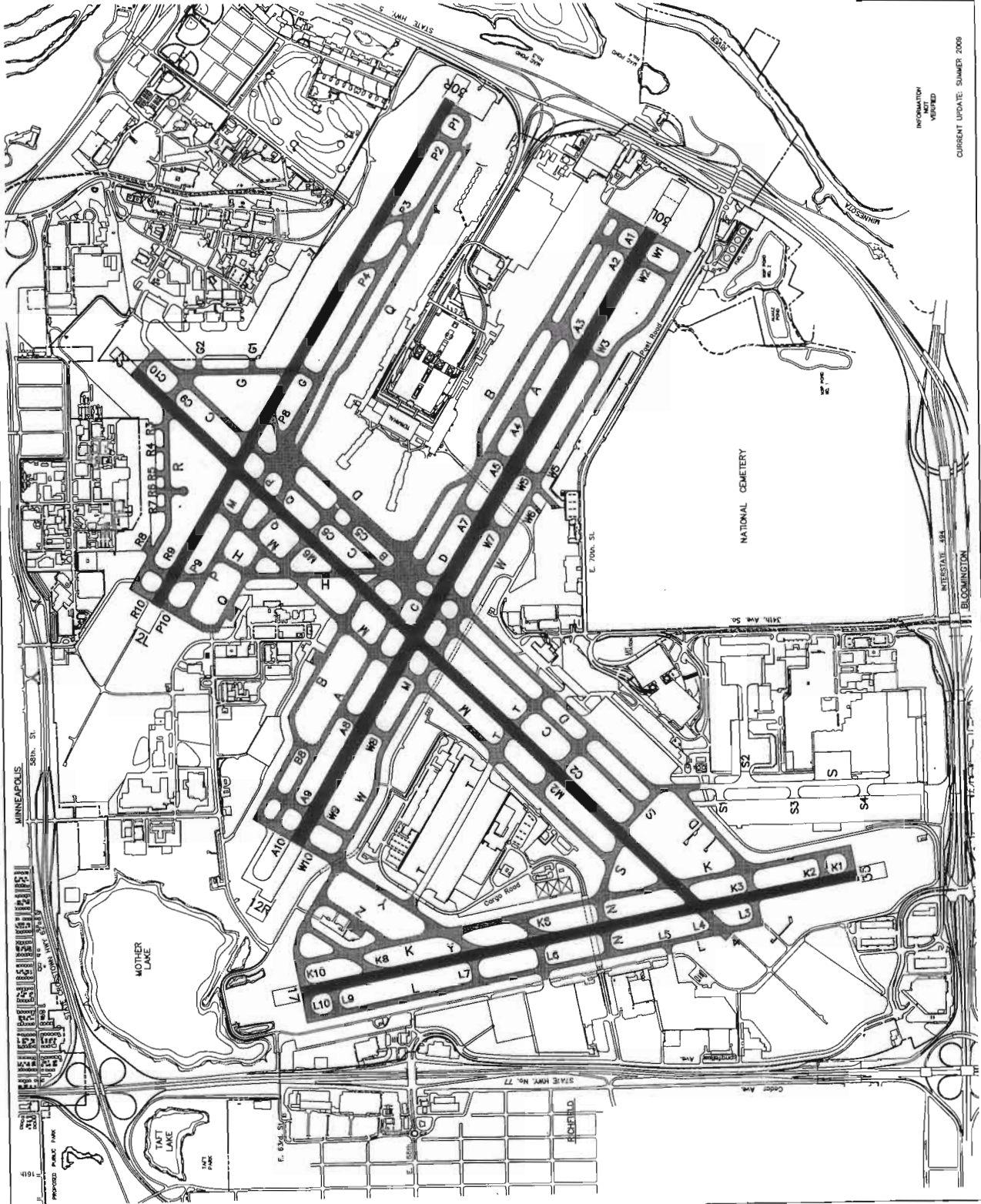




RUNWAYS
TAXIWAYS

MOVEMENT AREA

MSP INTERNATIONAL AIRPORT

Metropolitan
Airports
Commission

INFORMATION
NOT
FOR
CONSTRUCTION

CURRENT UPDATE: SUMMER 2009

MINNEAPOLIS, MINN.
AERIAL PHOTO
AUGUST 2008

TAXIWAYS ARE GROUP V UNLESS SHOWN OTHERWISE

- GROUP IV OR SMALLER
- 1 TAXIWAY B FROM TWY D TO A3 (1988-AG-1465-NRA)
 - 2 TAXIWAY T FROM TWY M TO TWY V (2009-AG-723-NRA THRU 727-NRA)
 - 3 TAXIWAY Q FROM TWY M TO TWY H (1998-AG-1402-NRA)
 - 4 TAXIWAY L DURING CAT I/II OPERATIONS
 - 5 TAXIWAY K DURING CAT I/II OPERATIONS

767 WITH WINGLETS OR SMALLER

- 6 TAXIWAY Q FROM TWY D TO P3 (1988-AG-1465-NRA)
- 7 TAXIWAY D FROM TWY Q3 TO TWY Q (PENDING)
- 8 TAXIWAY P FROM TWY P3 TO P2 (2005-AG-458-NRA)
- 9 TAXIWAY B FROM TWY A3 TO A1 (1999-AG-1450-NRA)
- 10 TAXIWAY Q FROM TWY H TO P10
- 11 TAXIWAY M FROM TWY B TO H (2007-AG-807-NRA)

767 OR SMALLER

- 12 TAXIWAY N5 FROM TWY W TO SIGNATURE APRON

737-400 OR SMALLER

- 13 TAXIWAY Q FROM TWY P3 TO P2

NON-MOVEMENT AREA MARKINGS

EXCEPTIONS

- A RESTRICTED TO SINGLE AIRCRAFT TAXI AROUND TUNNEL ON EITHER TWYS A OR B
- B RESTRICTED TO SMALLER TAXI OF 767 WITH WINGLETS OR SMALLER AIRCRAFT ON TWYS P AND Q OR DC10-40 ON TWY P TO R400 OR SMALLER ON TWY Q
- C TAXIWAY Q MUST BE VACANT TO ALLOW AIRCRAFT LARGER THAN A 767 WITH WINGLETS ON TWY P. SMALLER AIRCRAFT MAY TAXI ON TWY Q IF TWY P AND A A319/A320 ON TWY Q IS PERMITTED.
- D RESTRICTED TO SMALLER TAXI OF 747 (TWY 8) TO DC10 (HAMNETT REMOTE APRON TWY)

TAXIWAY OBJECT FREE AREA		TAXIWAY SEPARATION STANDARDS	
GROUP/AIRCRAFT	DIMENSION	DESCRIPTION	DIMENSION
V	160'	GROUP V TO GROUP IV	246'
A330	148.5'	GROUP V TO 757A	228'
737	130'	GROUP V TO 757	223'
DC10	130'	GROUP V TO GROUP III	220'
757A	104.5'	GROUP V TO 767	189'
767	97.4'	GROUP V TO 737-400	184'
A319/A320	85'	757A TO 757A	172'
737-400	77'	757A TO 737-400	154'
		757A TO 737-400	152'

NO.	DATE	BY	DESCRIPTION OF REVISIONS

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A duly Licensed Professional Engineer UNDER THE LAWS OF THE STATE OF MINNESOTA

DATE: _____

BY: _____

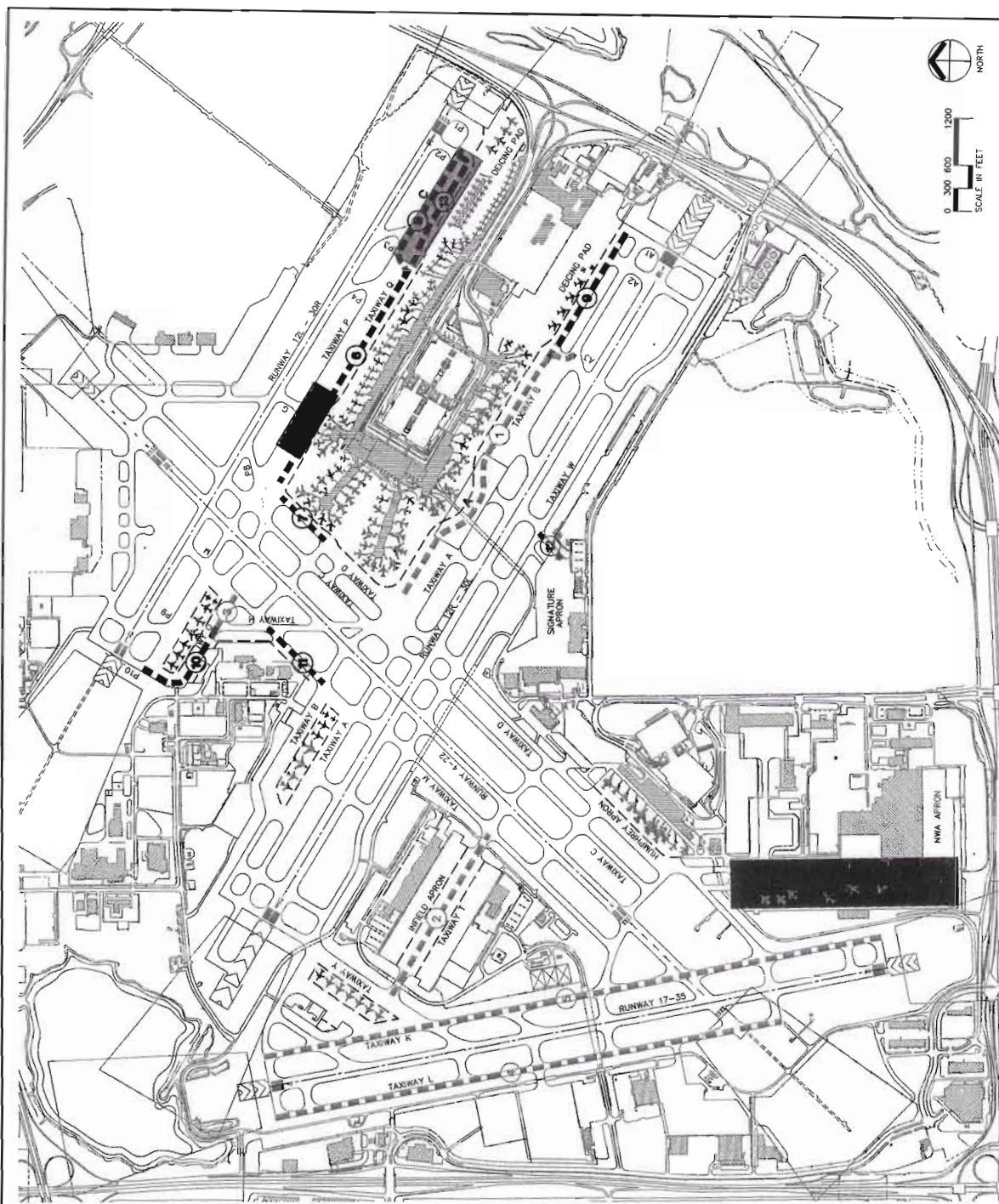
TKDA
ENGINEERING - ARCHITECTURE - PLANNING

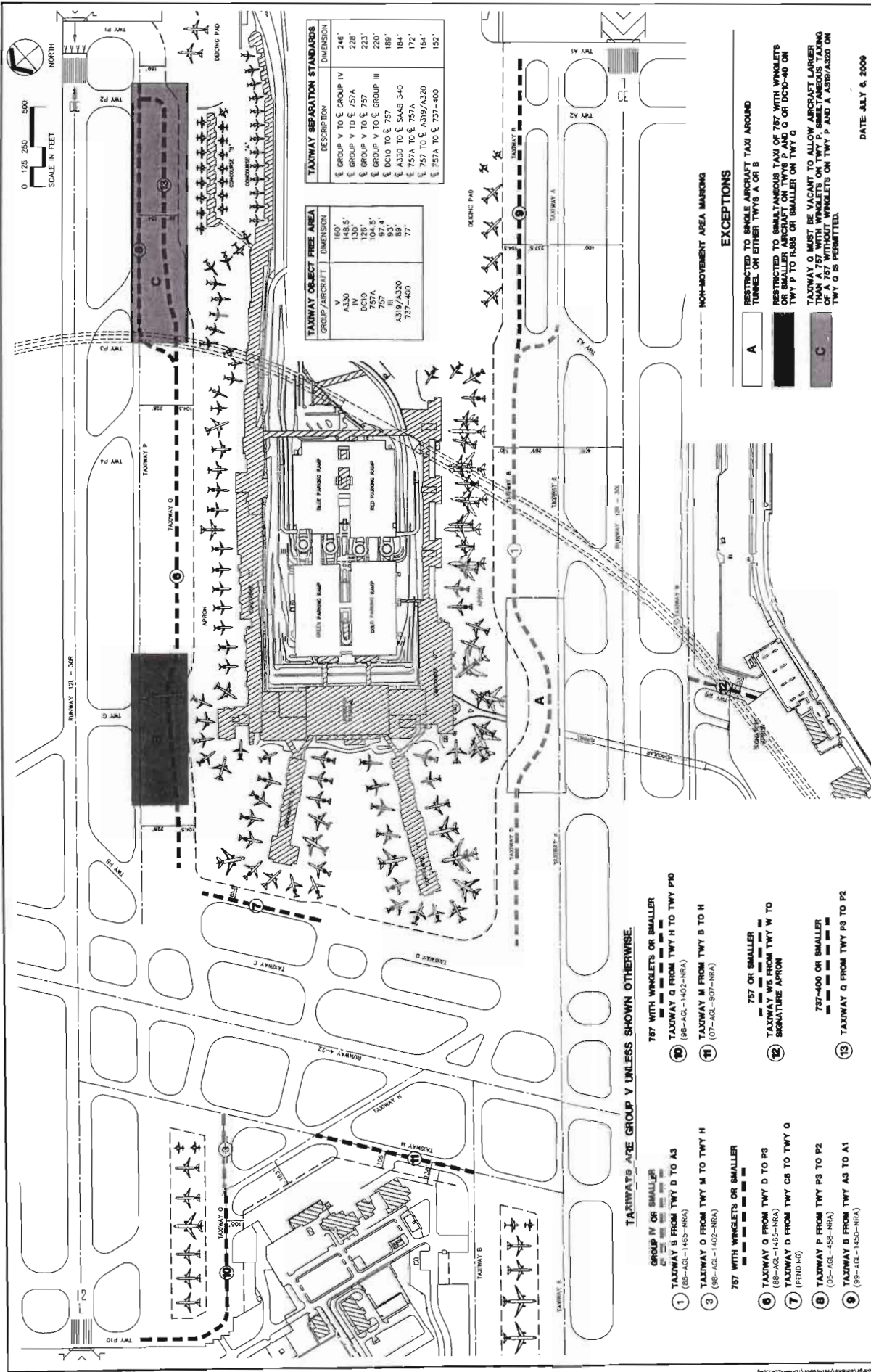
Metropolitan
Airports
Commission

GENERAL OFFICE
800-18TH AVENUE, SOUTH
MINNEAPOLIS, MN 55425

OPERATIONAL RESTRICTIONS
MSP INTERNATIONAL AIRPORT

CURRENT: JULY 6, 2009
DRAWING NO. 2690
MSP
OR1





TAXIWAY SEPARATION STANDARDS	
DESCRIPTION	DIMENSION
GROUP V TO GROUP IV	248'
GROUP V TO GROUP V	228'
GROUP V TO GROUP III	220'
GROUP V TO GROUP II	189'
GROUP V TO GROUP I	172'
GROUP V TO GROUP A	154'
GROUP V TO GROUP B	152'

TAXIWAY OBJECT FREE AREA	
GROUP/AIRCRAFT	DIMENSION
V	160'
A330	148.5'
DC10	120'
757A	104.5'
757	97.4'
A319/A320	88'
737-400	77'

TAXIWAYS ARE GROUP V UNLESS SHOWN OTHERWISE.

- GROUP IV OR SMALLER**
 - 1 TAXIWAY B FROM TWY D TO A3 (88-AQ-1465-NRA)
 - 2 TAXIWAY D FROM TWY M TO TWY H (88-AQ-1402-NRA)
 - 3 TAXIWAY O FROM TWY M TO TWY H (88-AQ-1402-NRA)
- 757 WITH WINGLETS OR SMALLER**
 - 4 TAXIWAY B FROM TWY H TO TWY P10 (88-AQ-1402-NRA)
 - 5 TAXIWAY M FROM TWY B TO H (07-AQ-937-NRA)
 - 6 TAXIWAY O FROM TWY D TO P3 (88-AQ-1465-NRA)
 - 7 TAXIWAY D FROM TWY C6 TO TWY Q (PENDING)
 - 8 TAXIWAY P FROM TWY P3 TO P2 (02-AQ-458-NRA)
 - 9 TAXIWAY B FROM TWY A3 TO A1 (88-AQ-1450-NRA)
- 757 OR SMALLER**
 - 10 TAXIWAY W FROM TWY W TO SIGNATURE APRON
 - 11 TAXIWAY Q FROM TWY P3 TO P2
- 757-400 OR SMALLER**
 - 12 TAXIWAY Q FROM TWY P3 TO P2

EXCEPTIONS

- A** RESTRICTED TO SINGLE AIRCRAFT TAXI AROUND TUNNEL ON EITHER TWYS A OR B
- B** RESTRICTED TO SMALL AIRCRAFT TAXI OF 757 WITH WINGLETS AND AIRCRAFT TAXI OF 757-400 ON TWY P TO RUN OR SMALLER ON TWY Q
- C** TAXIWAY Q MUST BE VACANT TO ALLOW AIRCRAFT LARGER THAN 757-400 TO TAXI FROM TWY P TO TWY Q. TAXIWAY Q OF A 757 WITHOUT WINGLETS ON TWY P AND A 757-400 ON TWY Q IS PERMITTED.

DATE: JULY 6, 2008

TKDA ENGINEERS-ARCHITECTS-PLANNERS		Metropolitan Airports Commission	OPERATIONAL RESTRICTIONS MSP INTERNATIONAL AIRPORT	OR2
NO. DATE BY		DESCRIPTION OF REVISION		
DESIGNED: JWA DRAWN: JWA CHECKED: JWA		REVISION: 001 - 002 - 003 - 004 - 005 - 006 - 007 - 008 - 009 - 010 - 011 - 012 - 013 - 014 - 015 - 016 - 017 - 018 - 019 - 020 - 021 - 022 - 023 - 024 - 025 - 026 - 027 - 028 - 029 - 030 - 031 - 032 - 033 - 034 - 035 - 036 - 037 - 038 - 039 - 040 - 041 - 042 - 043 - 044 - 045 - 046 - 047 - 048 - 049 - 050 - 051 - 052 - 053 - 054 - 055 - 056 - 057 - 058 - 059 - 060 - 061 - 062 - 063 - 064 - 065 - 066 - 067 - 068 - 069 - 070 - 071 - 072 - 073 - 074 - 075 - 076 - 077 - 078 - 079 - 080 - 081 - 082 - 083 - 084 - 085 - 086 - 087 - 088 - 089 - 090 - 091 - 092 - 093 - 094 - 095 - 096 - 097 - 098 - 099 - 100		
I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.		GENERAL NOTES: 1. THIS PLAN IS A PRELIMINARY PLAN. IT IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE APPROVAL OF THE ENGINEER.		