(13A

**TOTAL SHEETS - 12** 

# **CONSTRUCTION PLANS FOR**

## KEWANEE MUNICIPAL AIRPORT

KEWANEE, HENRY COUNTY, ILLINOIS **REMARK RUNWAYS & TAXIWAYS** 

#### SCOPE OF WORK

THIS PROJECT CONSISTS OF REMARKING RUNWAYS 9-27 & 1-19 & SECTIONS OF TAXIWAYS A, B, & C.



REVISED 03/28/13

CHARLES A. HAGLOCH 062-37821



Lies. Exp. Date NOVEMBER 30, 2013

**LOCATION** 

ILL. PROJ.: BLOCK GRANT PROJ.:

EZI-4222 3-17-0058-B17

LATITUDE:

LONGITUDE: **ELEVATION:** 

89° 57' 50" 858.0' M.S.L. JAN. 18, 2013 KEWANEE AIRPORT AUTHROITY

LOCATION OF COUNTY

KEWANEE MUNICIPAL AIRPORT KEWANEE, ILLINOIS

SUMMARY OF QUANTITIES								
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITIES	AS BUILT QUANTITIES				
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	23,978					
AR620525	PAVEMENT MARKING-BLACK BORDER	S.F.	28,129					
AR620900	PAVEMENT MARKING REMOVAL	S.F.	4,986					

INDEX TO SHEETS				
SHEET NO.	DESCRIPTION			
1	COVER SHEET			
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS			
3	PROPOSED SAFETY PLAN			
4	PROPOSED STAGING PLAN			
5	RUNWAY 9-27 PROPOSED MARKING PLAN STA. 218+00 - STA. 227+00			
6	RUNWAY 9-27 PROPOSED MARKING PLAN STA. 227+00 - STA. 241+00			
7	RUNWAY 9-27 PROPOSED MARKING PLAN STA. 241+00 - STA. 252+00			
8	RUNWAY 9-27 PROPOSED MARKING PLAN STA. 252+00 - STA. 263+00			
9	RUNWAY 1-19 PROPOSED MARKING PLAN STA. 100+00 - STA. 113+00			
10	RUNWAY 1-19 PROPOSED MARKING PLAN STA. 113+00 - STA. 132+00			
11	TAXIWAY A PROPOSED MARKING PLAN			
12	TAXIWAY B & C PROPOSED MARKING PLAN			

#### AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

#### HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 15 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A PAINT TRUCK.

#### HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 200' X 200'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL RESTORE THE HAUL ROUTE AND PARKING AREA TO ITS' ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

#### **CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR'S EQUIPMENT PARKING AND STORAGE AREA WILL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR VEHICLES IN THE AUTO PARKING LOT. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED OUTSIDE THIS AREA.

THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM

THE CONTRACTOR SHALL KEEP ONE RUNWAY OPEN AT ALL TIMES AND MAINTAIN CONTINUOUS TAXIWAY ACCESS TO ALL HANGARS AND ADMINISTRATIVE AREAS. THE ONLY EXCEPTION WILL BE AS DESCRIBED IN THE <u>PROPOSED SEQUENCE OF WORK</u> STAGE 2 NOTES ON SHEET 4 OF THESE PLANS, WHEN BOTH RUNWAYS ARE TO BE CLOSED AT THE SAME TIMF.

ALL WORK PERFORMED SHALL BE DONE IN A ORDERLY AND EFFECTIVE MANNER TO MINIMIZE RUNWAY CLOSURE.

#### CERTIFIED PAYROLLS

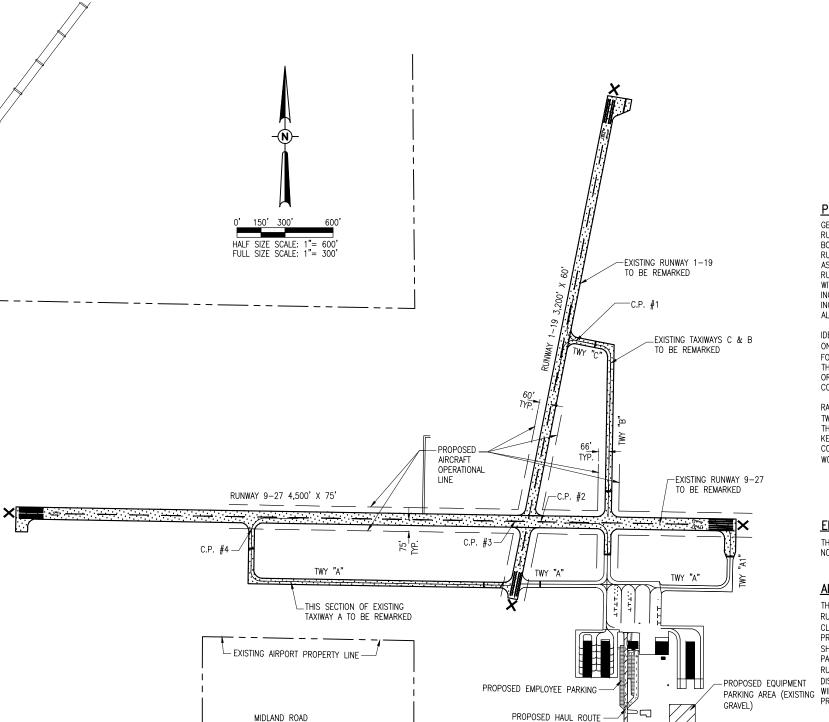
THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL **CERTIFIED PAYROLLS** FOR THE PERIOD HAVE BEEN RECEIVED.

#### MATERIAL CERTIFICATION

COMPLETED WORK CANNOT BE PLACED ON A CONSTRUCTION REPORT UNTIL ALL MATERIAL CERTIFICATIONS FOR THAT PAY ITEM HAVE BEEN RECEIVED, REVIEWED AND ACCEPTED BY THE

ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-2F "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND AC 150/5300-13A "AIRPORT DESIGN".

ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-5D AND 70/7460-1.



J.U.L.I.E. INFORMATION

COLINTY HENRY KFWANFF TOWNSHIP \_WETHERFIELD SECTION NO.\_\_\_

\_\_KEWANEE MUNICIPAL AIRPORT 3769 MIDLAND ROAD KEWANEE, ILLINOIS 61443

#### CRITICAL POINT DATA

LATITUDE: 41° 12' 25.31" LATITUDE: 41° 12' 14.17" LONGITUDE: 89' 57' 39.89" LONGITUDE: 89' 57' 45.37" ELEVATION: 853.2' M.S.L. ELEVATION: 857.6' M.S.L.

LATITUDE: 41° 12' 14.08" LATITUDE: 41° 12' 13.74" LONGITUDE: 89' 57' 42.45" LONGITUDE: 89° 58' 06.44" ELEVATION: 857.6' M.S.L. FLEVATION: 847.3' M.S.L.

#### PROPOSED SAFETY PLAN

GENERAL - THE KEWANEE MUNICIPAL AIRPORT IS COMPRISED OF TWO RUNWAYS. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING BOTH RUNWAY 9-27 AND 1-19 AND PORTIONS OF THE TAXIWAYS. THE RUNWAYS WILL BE CLOSED ONLY DURING THE CONSTRUCTION DAY, EXCEPT AS NOTED IN THE STAGING PLAN. UPON COMPLETION OF MARKING EACH RUNWAY THE CONTRACTOR WILL REMOVE ALL EQUIPMENT AND MATERIALS WITHIN THE SAFETY AREA AND RE-OPEN THE RUNWAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE

IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW

RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.80 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE KEWANEE MUNICIPAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.

#### EROSION CONTROL

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.F.S. PERMIT WILL BE REQUIRED.

#### AIRCRAFT OPERATION LINE

THE AIRCRAFT OPERATION LINE WILL DESIGNATE HOW CLOSE TO A RUNWAY/TAXIWAY ANY CONTRACTOR PERSON/VEHICLE MAY GET WITHOUT CLOSING THE RUNWAY/TAXIWAY. AS THE CONTRACTOR ENTERS EACH PROPOSED STAGE OF CONSTRUCTION AS DESCRIBED ON THE FOLLOWING SHEET, HE WILL PLACE BARRICADES ACROSS THE INACTIVE (CLOSED) PAVEMENT WHERE HIS PERSONNEL WILL BE CROSSING THE ACTIVE RUNWAY/TAXIWAY. THE BARRICADES WILL BE PLACED 10' APART FOR A DISTANCE OF 30' (ON TAXIWAYS) AND 60' (ON RUNWAYS). THE CONTRACTOR PARKING AREA (EXISTING WILL MAINTAIN THE AIRCRAFT OPERATION LINES FOR THE DURATION OF THIS PROJECT.

#### **LEGEND**

	EXISTING IMPROVEMENTS
200000000000000000000000000000000000000	PROPOSED IMPROVEMENTS
	EXISTING BUILDINGS

PROPOSED HAUL ROUTE AND EQUIPMENT PARKING AREA

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KEWANEE MUNICIPAL AIRPORT KEWANEE, ILLINOIS

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ΥS MARK RUNWAY & TAXIWAYS

#### **BARRICADES**

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AS SHOWN ON THIS SHEET AND AS DIRECTED BY THE AIRPORT MANAGER. THE BARRICADES WILL BE EQUIPPED WITH RED FLASHING OR RED STEADY-BURN LIGHTS AND 20" SQUARE ORANGE FLAGS. THE BARRICADES, THEIR MAINTENANCE, PLACEMENT AND REMOVAL WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

#### **RUNWAY CLOSURES:**

WHENEVER A CONTRACTOR IS WORKING WITHIN 75' OF THE RUNWAY 9-27 CENTERLINE, WITHIN 60' OF THE RUNWAY 1-19 CENTERLINE, OR WITHIN 66' OF THE CENTERLINE OF AN ACTIVE TAXIWAY, THE RESPECTIVE RUNWAY/TAXIWAY WILL BE CLOSED. THE CONTRACTOR WILL PLACE CROSSES ON THE RUNWAY AS DETAILED ON THIS SHEET.

EACH RUNWAY AND SECTION OF TAXIWAY TO BE MARKED SHALL REMAIN CLOSED UNTIL THE MARKING OF THE RUNWAY OR TAXIWAY HAS BEEN COMPLETED.

## PROPOSED SEQUENCE OF WORK

CONTRACTOR SHALL CLOSE RUNWAY 1-19 BY PLACING CROSSES AS SHOWN AND BARRICADES/TRAFFIC CONES AT THE LOCATIONS SHOWN. COMPLETE MARKING OF RUNWAY 1-19 EXCEPT AREAS WITHIN THE RUNWAY SAFETY AREA OF RUNWAY 9-27 AND TAXIWAY SAFETY AREA OF TAXIWAY "A", WHICH WILL BOTH BE OREN. DURING THIS STAGE, THE MARKINGS FOR TAXIWAYS "B" AND "C" SHALL ALSO BE PAINTED EXCEPT MARKINGS WITHIN THE SAFETY AREA OF RUNWAY 9-27.

PRIOR TO REOPENING RUNWAY 1-19, THE CONTRACTOR SHALL ALSO CLOSE RUNWAY 9-27 AND PAINT ONLY THE MARKINGS ON RUNWAY 9-27 AND TAXIWAY "A" THAT ARE WITHIN THE RUNWAY SAFETY AREA OF RUNWAY 1-19. ALSO, PAINT THE MARKINGS ON TAXIWAY "B" AND THOSE MARKINGS ON RUNWAY 9-27 WITHIN THE TAXIWAY SAFETY AREA OF TAXIWAY "B". ALL MARKINGS ON RUNWAY 1-19 SHALL BE COMPLETE AT THE END OF THIS STAGE. SINCE STAGE 2 EFFECTIVELY CLOSES THE AIRPORT, THE CONTRACTOR HAS ONE CALENDAR DAY TO COMPLETE THIS STAGE. AT THE END OF THIS STAGE, RUNWAY 1-19 AND TAXIWAYS "B" AND "C" SHALL BE OPENED, RUNWAY 9-27 AND TAXIWAY "A" WILL REMAIN CLOSED FOR STAGE 3.

#### STAGE 3

REMOVE EXISTING MARKINGS AS SPECIFIED ON RUNWAY 9-27. MARK RUNWAY 9-27 AND TAXIWAY "A". REOPEN ALL RUNWAYS AND TAXIWAYS AT THE END OF THIS STAGE.

-PROPOSED STAGE 3

RUNWAY 9-27 4,500' X 75'

MIDLAND ROAD

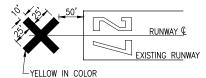
TWY "A"

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TAXIWAY "A" TO BE REMARKED. STAGE 3

CONSTRUCTION

## **KE012**



#### DETAIL OF CROSS FOR CLOSED RUNWAY

"NOT TO SCALE"

#### NOTE:

CONSTRUCTION

PROPOSED

OPERATIONAL

AIRCRAFT

\_RUNWAY 1-19 TO BE REMARKED

PROPOSED STAGE 2

CONSTRUCTION

-TAXIWAY "C" & "B" TO BE REMARKED. STAGE 1

□RUNWAY 9-27 TO BE REMARKED,

PROPOSED EMPLOYEE & EQUIPMENT PARKING AREA (EXISTING GRAVEL)

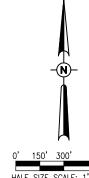
STAGE 3

COST OF CONSTRUCTING, PLACING, MAINTAINING AND REMOVING CROSSES WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CROSSES WILL BE YELLOW IN COLOR AND SHALL BE MADE OF A SUITABLE MATERIAL AS APPROVED BY THE AIRPORT MANAGER. THE CROSSES WILL BE PLACED AS SHOWN IN THE ABOVE DETAIL AND SECURED IN A MANNER APPROVED BY THE AIRPORT MANAGER. THE PROPOSED CROSSES WILL BE PLACED EACH DAY THE RUNWAY IS CLOSED AND REMOVED WHEN THE RUNWAY IS RE-OPENED. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PLACEMENT AND REMOVAL OF THE CROSSES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

☐ EXISTING IMPROVEMENTS EXISTING BUILDINGS PROPOSED EQUIPMENT PARKING AREA PROPOSED BARRICADES STAGE 1 PROPOSED BARRICADES STAGE 2 PROPOSED BARRICADES STAGE 3 PROPOSED AREA STAGE 1 PROPOSED AREA STAGE 2

## **LEGEND**

PROPOSED AREA STAGE 3



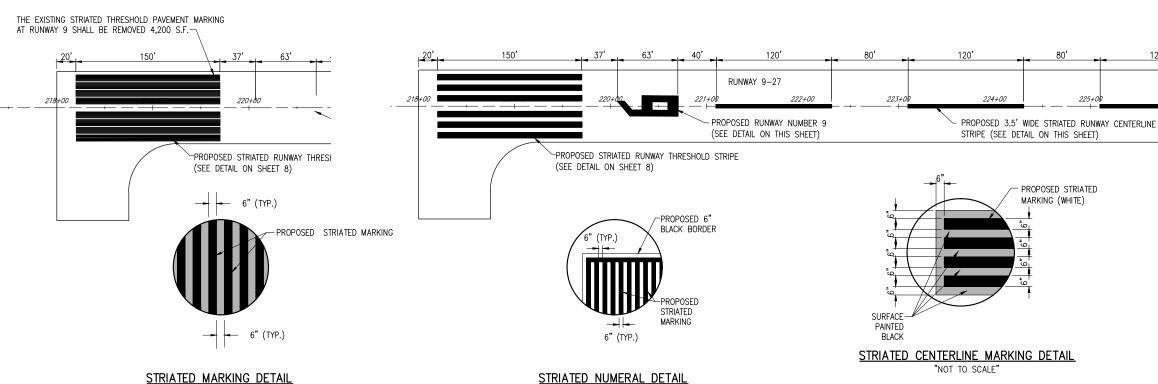
HALF SIZE SCALE: 1"= 600" FULL SIZE SCALE: 1"= 300

EMARK RUNWAY & TAXIWAYS

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KEWANEE MUNICIPAL AIRPORT KEWANEE, ILLINOIS



"NOT TO SCALE"

#### 620900-PAVEMENT MARKING REMOVAL NOTES

THE EXISTING PAVEMENT MARKING SHALL BE REMOVED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED IN THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.

"NOT TO SCALE"

THE AREAS THAT ARE DESIGNATED FOR REMOVAL ARE SHOWN ON THE CONSTRUCTION PLANS.

ALL AREAS TO BE REMOVED ARE CALCULATED AREAS. ANY ADDITIONAL AREAS, DUE TO OVER SPRAY, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE PROPOSED MARKING REMOVAL WILL BE PAID FOR UNDER ITEM: AR620900 PAVEMENT MARKING REMOVAL \_\_\_ PER S.F.

#### MARKING NOTES

ALL RUNWAY MARKING WILL BE STRIATED AND WHITE IN COLOR. ALL STRIATIONS WILL BE 6 INCHES IN WIDTH, SPACED 6 INCHES FROM EDGE TO EDGE, AS SHOWN IN THE STRIATED MARKING DETAIL ON THIS SHEET. THE EXCEPTION TO THIS IS CENTERLINE MARKINGS, WHICH SHALL BE CONSTRUCTED AS DETAILED ON THIS SHEET.

THE TAXIWAY CENTERLINE STRIPE AND HOLDING POSITION MARKING WILL BE SOLID AND YELLOW IN COLOR. THE HOLDING POSITION MARKING WILL BE AS SPECIFIED IN THE DETAIL SHOWN ON SHEET NO. 6 AND SHALL REQUIRE A 6-INCH WIDE BLACK OUTLINE. THE BLACK OUTLINE SHALL BE PAID FOR UNDER ITEM AR620525, PAVEMENT MARKING - BLACK BORDER, PER S.F.

ALL PROPOSED WHITE AND YELLOW MARKING WILL BE APPLIED WITH A REFLECTIVE MEDIA IN ACCORDANCE WITH THE SPECIFICATIONS. REFLECTIVE MEDIA IS NOT REQUIRED IN THE BLACK PAINT.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

### 620-PAVEMENT MARKING-WATERBORNE NOTES

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED IN THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED

THIS ITEM SHALL CONSIST OF RUNWAY MARKING, TAXIWAY CENTERLINE, AND HOLDING POSITIONS IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKINGS WILL BE WHITE, BLACK OR YELLOW IN COLOR. ALL MARKINGS WILL HAVE A 6-IN BLACK BORDER. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

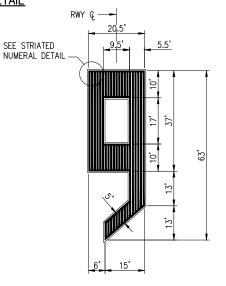
ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF YELLOW AND WHITE MARKINGS.

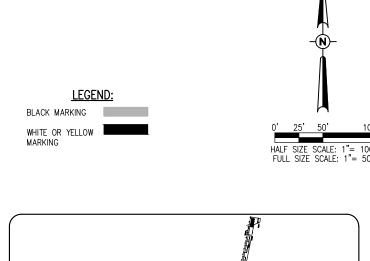
CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM: AR620520 PAVEMENT MARKING-WATERBORNE \_\_\_ PER S.F.

 $\frac{\text{BLACK}}{\text{AR620525}} \text{ PAVEMENT MARKING-BLACK BORDER } \_\_\_ \text{ PER S.F.}$ 



PROPOSED STRIATED NUMERAL DETAIL FOR RUNWAY END 9 "NOT TO SCALE"



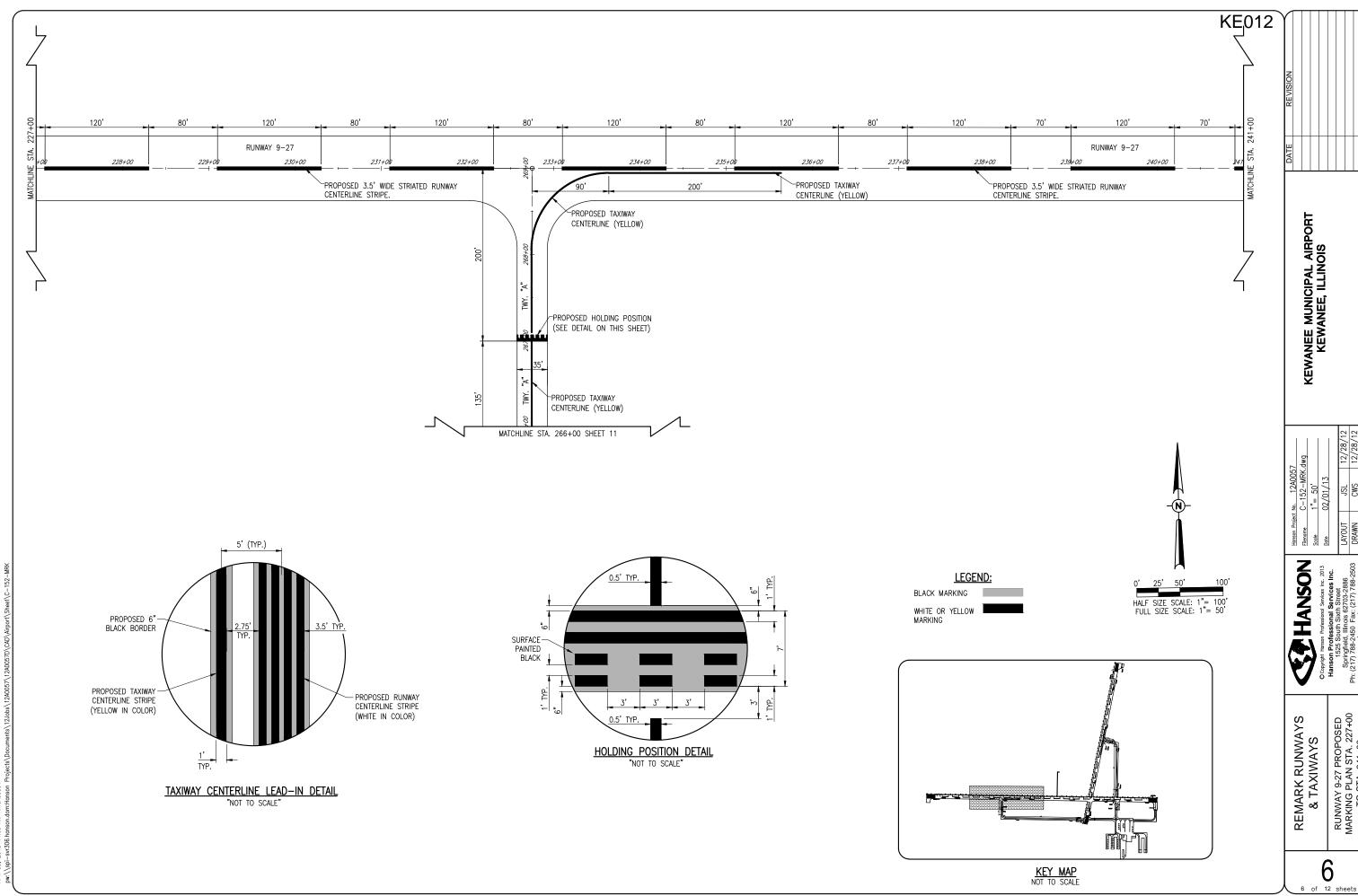
KEY MAP NOT TO SCALE

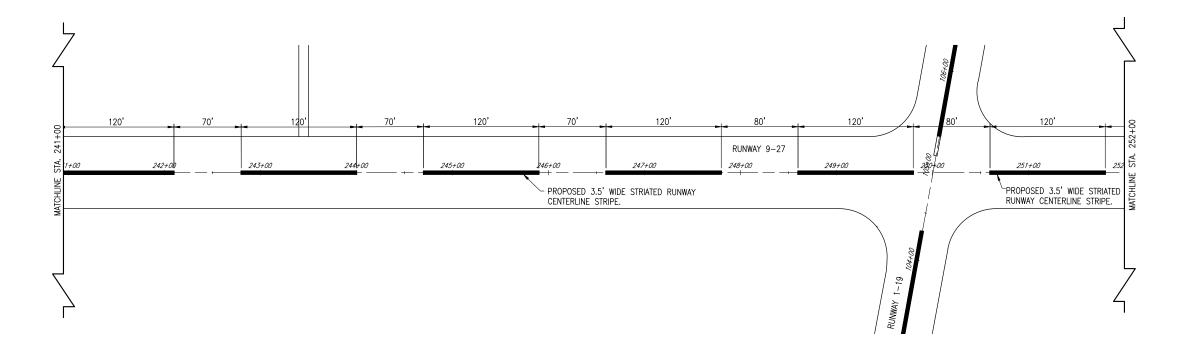
REMARK RUNWAYS & TAXIWAYS

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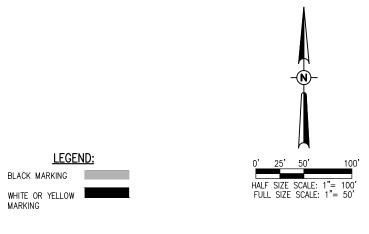


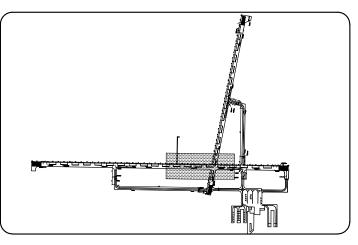


MARKING QUANTITIES							
DESCRIPTION	UNIT AREA	NO. REQUIRED	TOTAL AREA (S.F.)				
RUNWAY 1-19 CENTERLINE STRIPE (STRIATED, TYPICAL)	240	12	2,880				
RUNWAY 1-19 CENTERLINE STRIPE (STRIATED, TYPICAL)	198	1	198				
RUNWAY 9-27 CENTERLINE STRIPE (STRIATED)	280	1	280				
RUNWAY 9-27 CENTERLINE STRIPE (STRIATED, TYPICAL)	240	19	4,560				
NUMERAL 1 (STRIATED)	280	1	280				
NUMERAL 1 (FOR NUMERAL 19) (STRIATED)	192	1	192				
NUMERAL 9 (STRIATED)	409	2	818				
NUMERAL 2 (STRIATED)	387	1	387				
NUMERAL 7 (STRIATED)	298	1	298				
THRESHOLD STRIPES (STRIATED)	450	20	9,000				
		TOTA	L WHITE: 18,893				
TAXIWAY CENTERLINE	4,515	1	4,515				
HOLDING POSITION MARKINGS (40' WIDE)	120	3	360				
HOLDING POSITION MARKINGS (35' WIDE)	105	2	210				
TOTAL YELLOW: 5,085							
RUNWAY 1-19 CENTERLINE STRIPE (STRIATED, TYPICAL)	304.5	12	3,654				
RUNWAY 1-19 CENTERLINE STRIPE (STRIATED, TYPICAL)	252	1	252				
RUNWAY 9-27 CENTERLINE STRIPE (STRIATED)	354	1	354				
RUNWAY 9-27 CENTERLINE STRIPE (STRIATED, TYPICAL)	304.5	19	5,786				
RUNWAY NUMBERS (STRIATED, TYPICAL)	2,106	1	2,106				
TAXIWAY CENTERLINE STRIPES	4,527	1	4,527				
THRESHOLD STRIPES (STRIATED)	525	20	10,500				
HOLDING POSITION MARKINGS (40' WIDE)	200	3	600				
HOLDING POSITION MARKINGS (35' WIDE)	175	2	350				
TOTAL BLACK: 28,129							
TOTAL MARKING: 52,107							

THE QUANTITY PROVIDED IS BASED ON THE ACTUAL AREA OF MARKING TO BE VISIBLE UPON COMPLETION.

TWO COATS OF PAINT ARE REQUIRED FOR ALL MARKING.



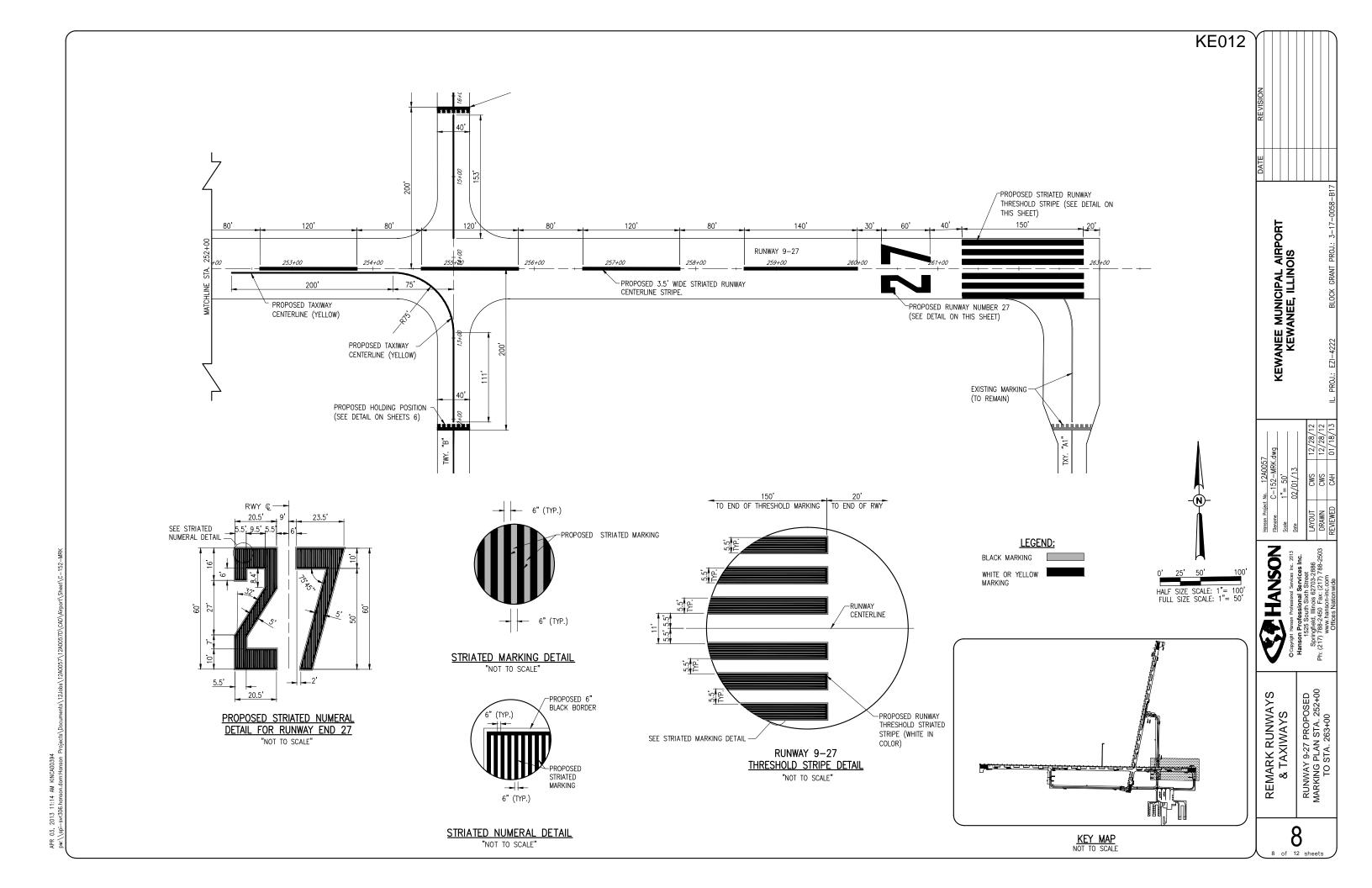


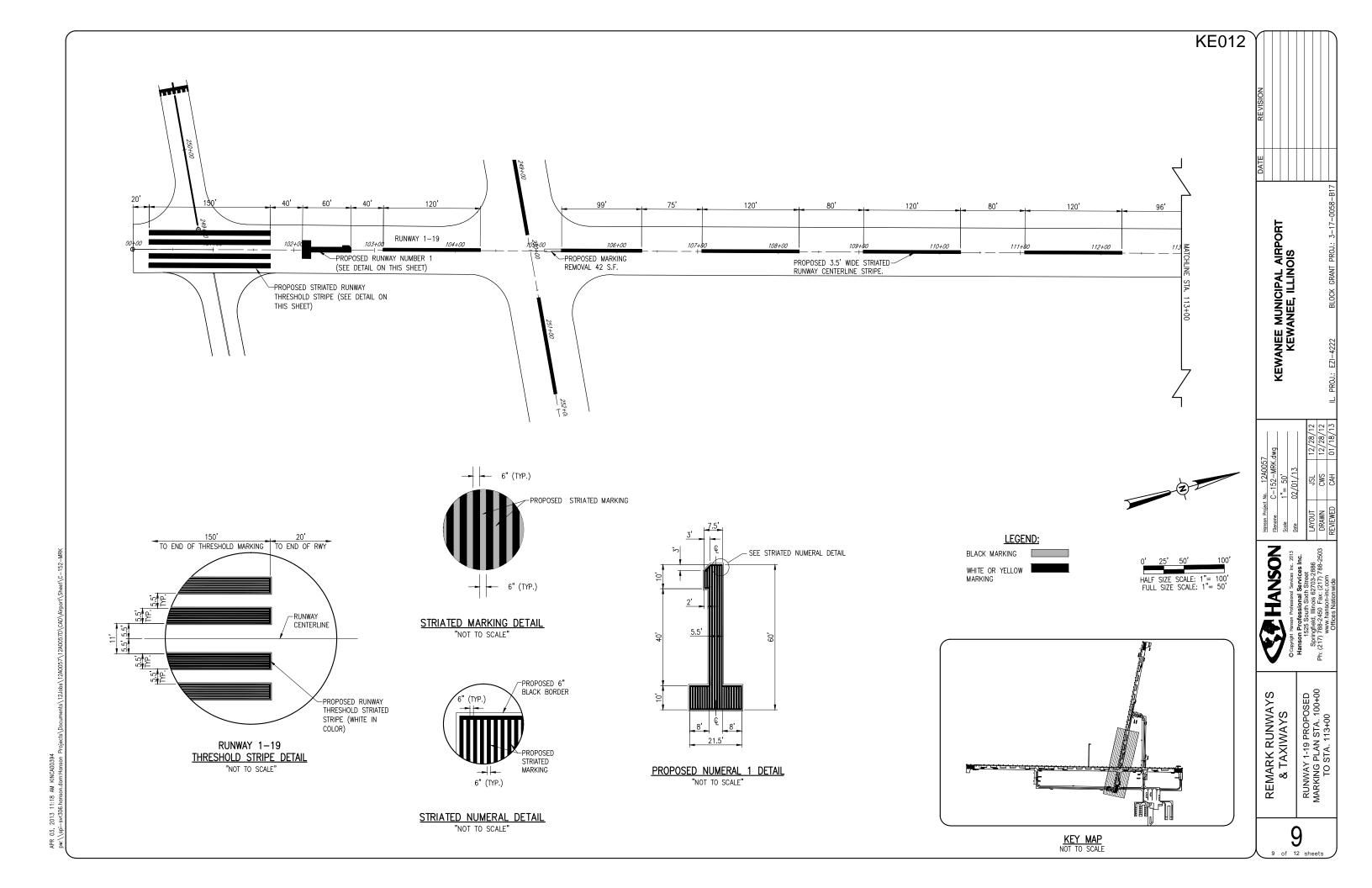
KEY MAP NOT TO SCALE

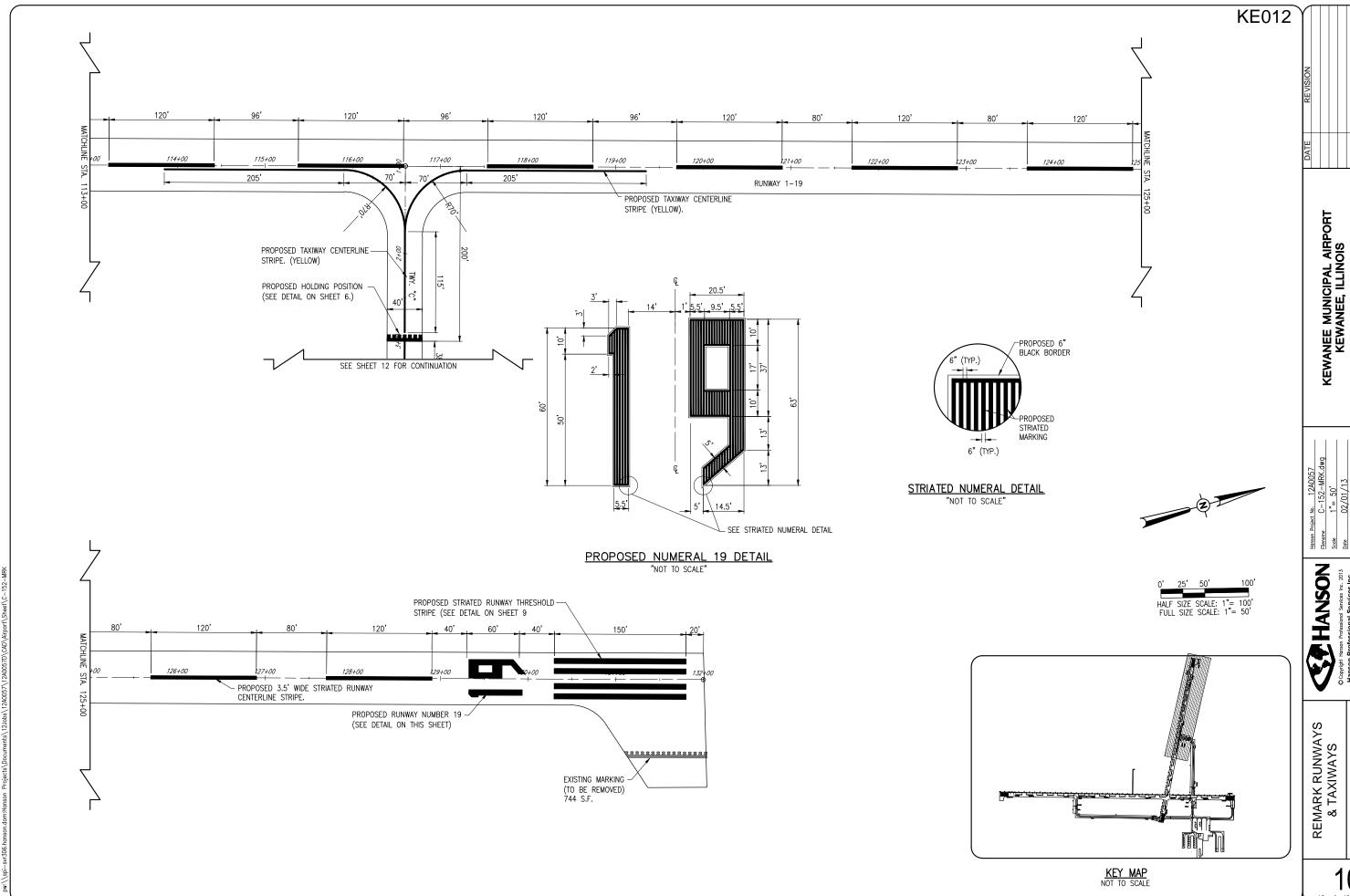
REMARK RUNWAYS & TAXIWAYS

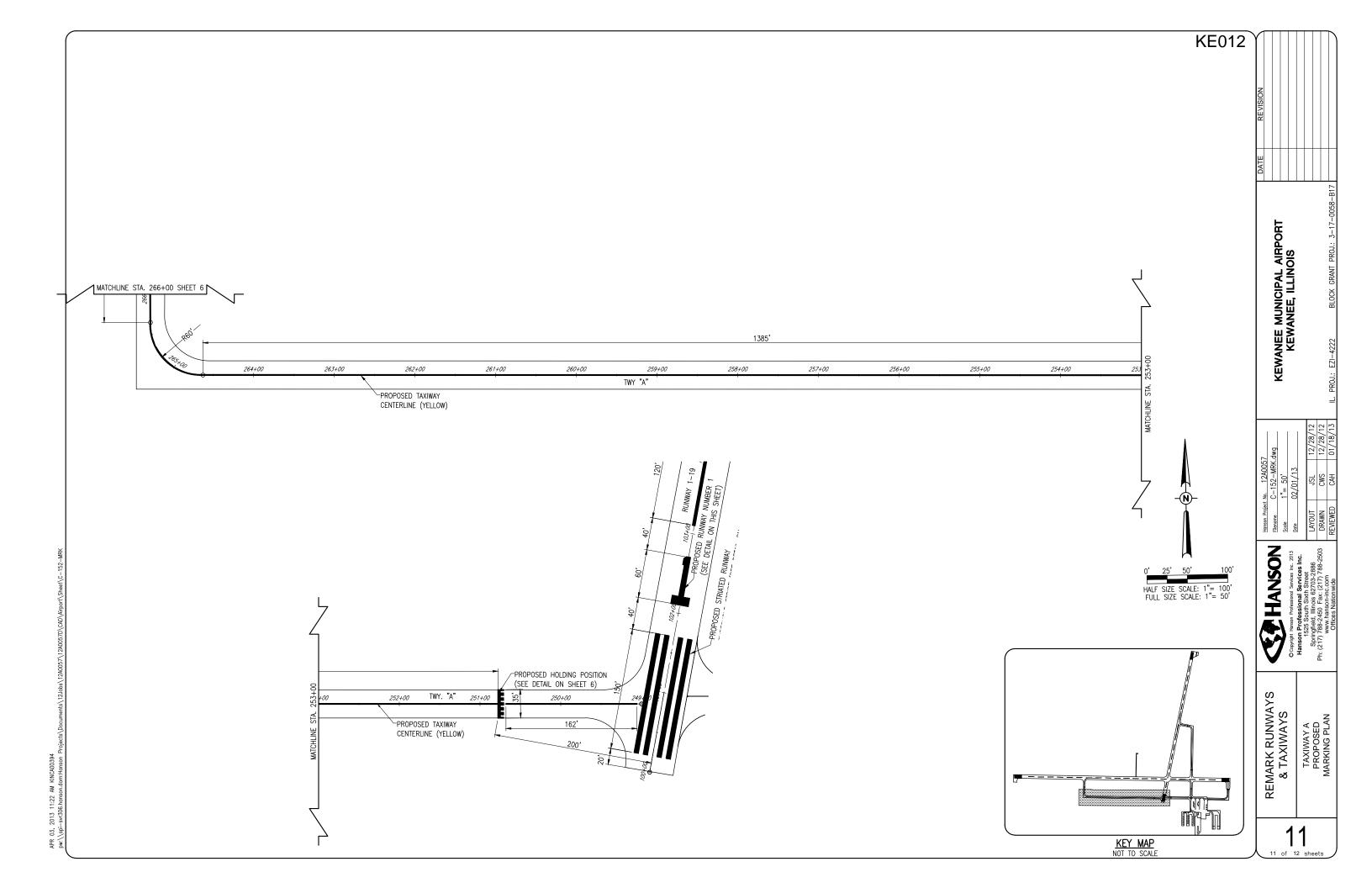
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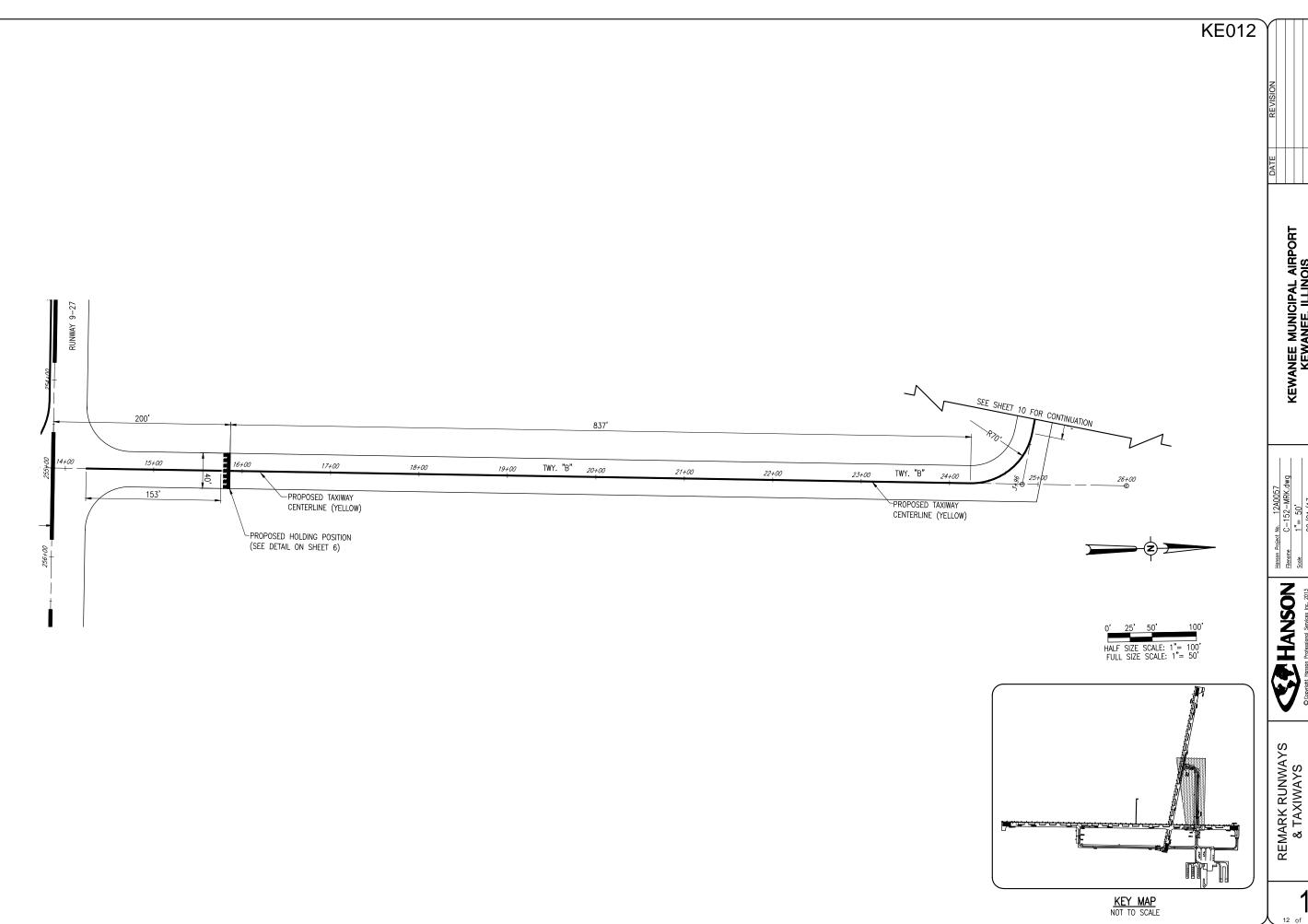
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TAXIWAY B & C PROPOSED MARKING PLAN