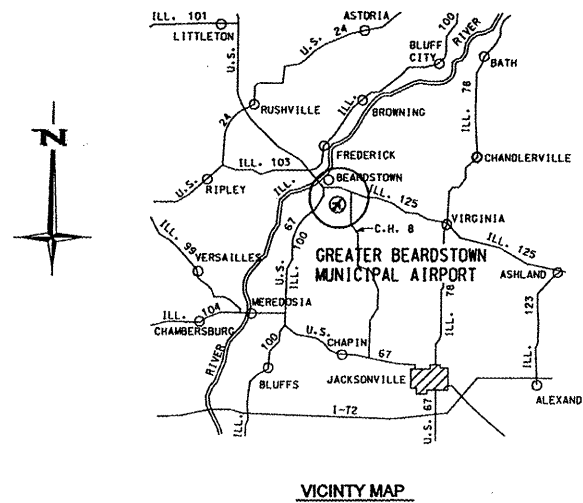


# CONSTRUCTION PLANS FOR GREATER BEARDSTOWN MUNICIPAL AIRPORT

BEARDSTOWN, CASS COUNTY, ILLINOIS

RESURFACE APRON, ACCESS ROAD, SRE DRIVE AND PARKING LOT  
REPAIR CRACKS ON RUNWAY 18/36

SUMMARY OF QUANTITIES					
ITEM NO.	DESCRIPTION	UNIT	F/S/L QUANTITY	F/L QUANTITY	AS BUILT QUANTITY
AR152480	SHOULDER ADJUSTMENT	SQ. YD.	786		
AR161980	REHANG GATE	EACH	2		
AR201610	BITUMINOUS BASE COURSE	TON		75	
AR201670	CRACK CONTROL FABRIC	SQ. YD.	3053		
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	96	153	
AR209650	AGGREGATE BASE PREPARATION	SQ. YD.	594		
AR401610	BITUMINOUS SURFACE COURSE	TON	1079	56	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ. YD.	2793		
AR401655	BUTT JOINT CONSTRUCTION	SQ. YD.	149		
AR401900	REMOVE BITUMINOUS PAVEMENT	SQ. YD.		333	
AR402610	POROUS FRICTION COURSE	TON	633		
AR510510	TIE DOWN	EACH	33		
AR510900	REMOVE TIE DOWN	EACH	30		
AR602510	BITUMINOUS PRIME COAT	GALLON	127	117	
AR603510	BITUMINOUS TACK COAT	GALLON	2621	73	
AR620520	PAVEMENT MARKING - WATERBORNE	SO. FT.	1715		
AR620900	PAVEMENT MARKING REMOVAL	SO. FT.	971		



VICINITY MAP

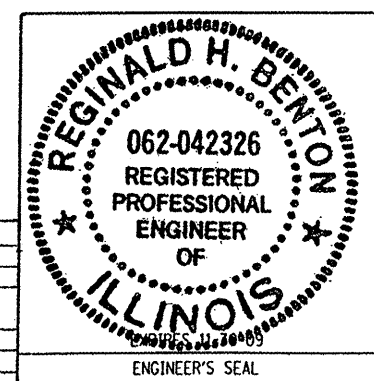
ILLINOIS PROJECT NO. K06-3749  
A.I.P. PROJECT NO. 3-17-0004-B12  
LATITUDE 39°58'24"  
LONGITUDE 90°24'21"  
ELEVATION 466' M.S.L.  
JANUARY 9, 2009

INDEX OF SHEETS	
NO.	DESCRIPTION
1	COVER SHEET
2	IMPROVEMENT AND SAFETY PLAN
3-5	TYPICAL SECTIONS AND DETAILS
6	HORIZONTAL CONTROL
7	TAXIWAY A PLAN AND PROFILE
8	MAIN APRON PLAN AND PROFILE
9	EAST APRON PLAN AND PROFILE
10	ACCESS ROAD PLAN AND PROFILE
11	SRE DRIVE PLAN AND PROFILE
12	PARKING AREA PLAN AND PROFILE
13	BITUMINOUS MILLING PLAN
14	RUNWAY 18-36 REPAIR PLAN
15	TIE DOWN REMOVAL PLAN
16	TIE DOWN LAYOUT PLAN
17	APRON MARKING LAYOUT PLAN
18	RUNWAY MARKING LAYOUT PLAN
19-40	CROSS SECTIONS

DATE	REVISION



FILENAME	07e1899001.dgn
PLOT SCALE	40.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 1 OF 40 SHEETS	
LAYOUT	MGM 04/01/08
DRAWN	MGM 04/01/08
REVIEWED	RHB 05/06/08



PLANS PREPARED BY:  
BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE, IL 62660  
(217) 245-4146 (217) 245-4149 FAX

SUBMITTED *Reginald H. Benton*

DATE JULY 8, 2008

ILLINOIS DESIGN FIRM REGISTRATION NO. 184-000852

CITY OF BEARDSTOWN

APPROVED *Robert J. Jank* MAYOR

DATE JULY 8, 2008

APPROVED *Barry L. Ruel* CITY CLERK

DATE JULY 8, 2008

FILE NAME = P:\07-0999\Design\Plans\07-0999-001.dgn

**SCOPE OF WORK**

THIS PROJECT CONSISTS OF AN OVERLAY OF THE EXISTING APRON, ACCESS ROAD, SRE DRIVE AND PARKING AREA. REMOVAL AND REPLACEMENT OF PAVEMENT ON RUNWAY 18-36. REMOVAL AND REPLACEMENT OF TIE DOWNS AND PAVEMENT MARKING OF THE RUNWAY AND APRON

**PROPOSED SAFETY PLAN**

GENERAL - RUNWAY 18-36 WILL BE CLOSED DURING REMOVAL AND REPLACEMENT OF THE PAVEMENT AND PAVEMENT MARKING. THE AIRPORT MANAGER WILL BE NOTIFIED SEVEN DAYS IN ADVANCE OF ANY CLOSURE.

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) DISPLAYED IN FULL VIEW ABOVE THE VEHICLE.

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A TRACTOR-TRAILER TRUCK.

**HAUL ROUTE AND VEHICLE PARKING**

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE, EQUIPMENT AND EMPLOYEE PARKING AREA AS SHOWN ON THIS SHEET. NO CONTRACTOR EMPLOYEE'S PERSONAL VEHICLES WILL BE ALLOWED BEYOND THE PARKING AREA SHOWN ON THIS SHEET. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND MARK WITH FLAGGED LATH THE DESIGNATED HAUL ROUTE, EQUIPMENT AND EMPLOYEE PARKING AREA FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL RESTORE THE HAUL ROUTE, EQUIPMENT AND EMPLOYEE PARKING AREA TO ITS ORIGINAL STATE. ANY DAMAGE TO EXISTING PAVEMENTS USED TO HAUL MATERIAL TO THE CONSTRUCTION SITE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE AIRPORT MANAGER AND THE RESIDENT ENGINEER. THIS WORK WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROJECT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

**UTILITY NOTE**

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND AGENCIES WHICH HAVE LINES AND CONDUITS IN THE PROPOSED WORK AREA. ALL LINES AND CONDUITS SHALL BE LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. THE CONTRACTOR WILL CALL J.U.L.I.E. (1-800-892-0123) TO ACCOMPLISH THE ABOVE.

THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAVE BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATIONS TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS SO AS TO AVOID ANY DAMAGE. ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITIES. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR.

**CONTRACTOR RESPONSIBILITIES**

NO OPEN HOLES OR TRENCHES WILL BE ALLOWED WITHIN 200' OF THE RUNWAY CENTERLINE OR WITHIN 60' OF TAXIWAY CENTERLINES. THESE HOLES AND TRENCHES WILL BE FILLED IN AFTER EACH WORKDAY. WASTE AND LOOSE MATERIAL WITHIN 200' OF THE RUNWAY AND 60' OF THE TAXIWAY CENTERLINES WILL BE REMOVED AFTER EACH WORKING DAY.

IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE AND MAINTAIN BARRICADES AND TRAFFIC CONES AS DIRECTED BY THE RESIDENT ENGINEER. 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.

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

WORK SHALL BE SEQUENCED SO AS NOT TO ALLOW THE CONTRACTOR'S HAULING EQUIPMENT TO DRIVE ON THE FINISHED PAVEMENT. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO REFRAIN FROM TRACKING BITUMINOUS TACK COAT MATERIAL ONTO THE EXISTING PAVEMENT SURFACE OF THE AIRPORT WITH HIS/HER HAULING EQUIPMENT

**EROSION CONTROL**

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND.

PLACE CLOSED RUNWAY MARKER OVER RUNWAY NUMERALS TO CLOSE RUNWAY 18-36 WHEN WORK ON THE RUNWAY IS BEING PERFORMED.

CRITICAL POINT  
LAT. 90° 24' 17.099"  
LONG. 39° 58' 39.716"  
ELEV. 464.00

PROPOSED EQUIPMENT AND EMPLOYEE PARKING AREA

AIRPORT ENTRANCE ROAD

EXISTING AIRPORT PROPERTY LINE

RUNWAY 18 -36

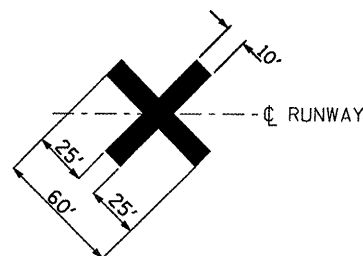
EXISTING AIRPORT PROPERTY LINE

**BENCHMARK DATA**

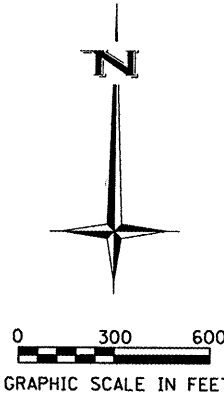
NO.	DESCRIPTION	ELEVATION
1	CHISLED "□" SW CORNER CONC. BEACON BASE	462.69
2	CHISLED "□" NW CORNER CONC. BASE FOR WIND CONE	462.87

**CLOSED RUNWAY MARKER DETAIL**

1. CLOSED RUNWAY MARKER SHALL BE YELLOW IN COLOR.
2. CLOSED RUNWAY MARKER SHALL BE PAINTED PLYWOOD OR PLASTIC SHEETING WEIGHTED DOWN WITH SANDBAGS, OR OTHER APPROVED MATERIALS ACCEPTABLE TO THE RESIDENT ENGINEER.
3. CONTRACTOR SHALL MAINTAIN MARKERS AS DIRECTED BY THE RESIDENT ENGINEER.
4. FURNISHING, INSTALLING, MAINTAINING AND REMOVING THE CLOSED RUNWAY MARKERS SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
5. ANY WORK WITHIN 200' OF RUNWAY CENTERLINE WILL REQUIRE RUNWAY CLOSURE.



PLACE CLOSED RUNWAY MARKER OVER RUNWAY NUMERALS TO CLOSE RUNWAY 18-36 WHEN WORK ON THE RUNWAY IS BEING PERFORMED.



**LEGEND**

- ⊕ EXISTING AIRPORT BEACON
- ⊞ EXISTING WIND CONE
- - - EXISTING IMPROVEMENTS
- █ EXISTING BUILDING
- ▨ PROPOSED IMPROVEMENT
- CONTRACTORS ACCESS/HAUL ROUTE

FILE NAME = P:\07\01899\Design\VP\07\01899\02.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899002.dgn	
PLOT SCALE	600.0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 2 OF 40 SHEETS		
LAYOUT	MGM	04/01/08
DRAWN	MGM	04/01/08
REVIEWED	RHB	05/06/08

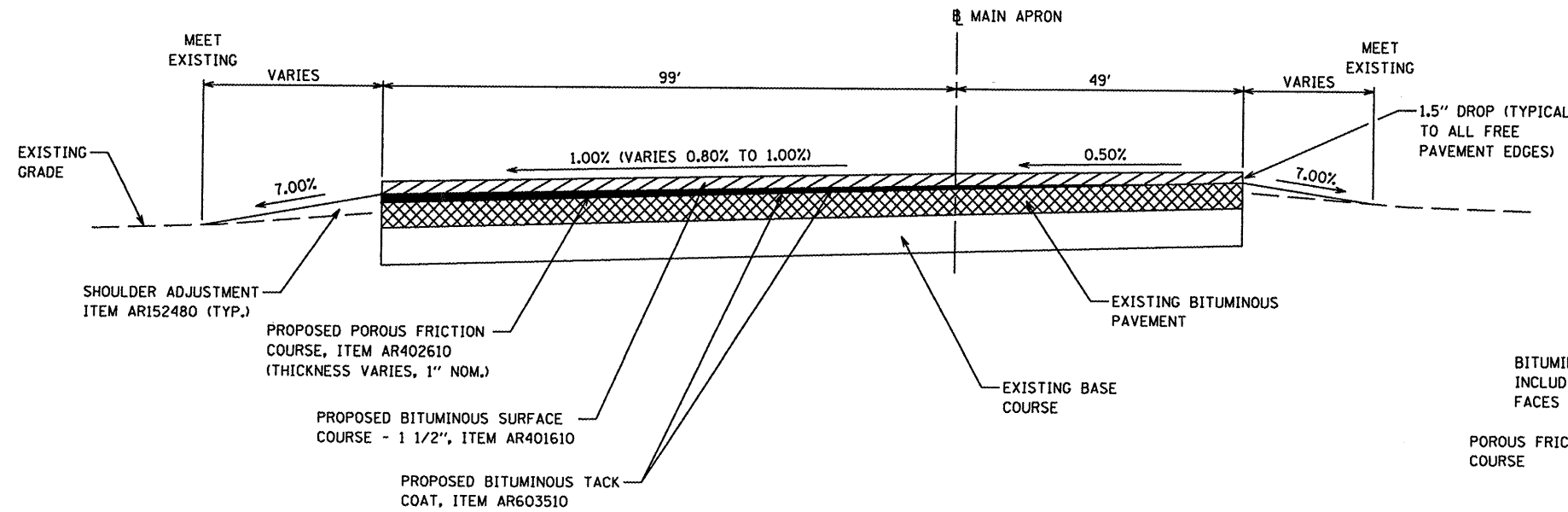


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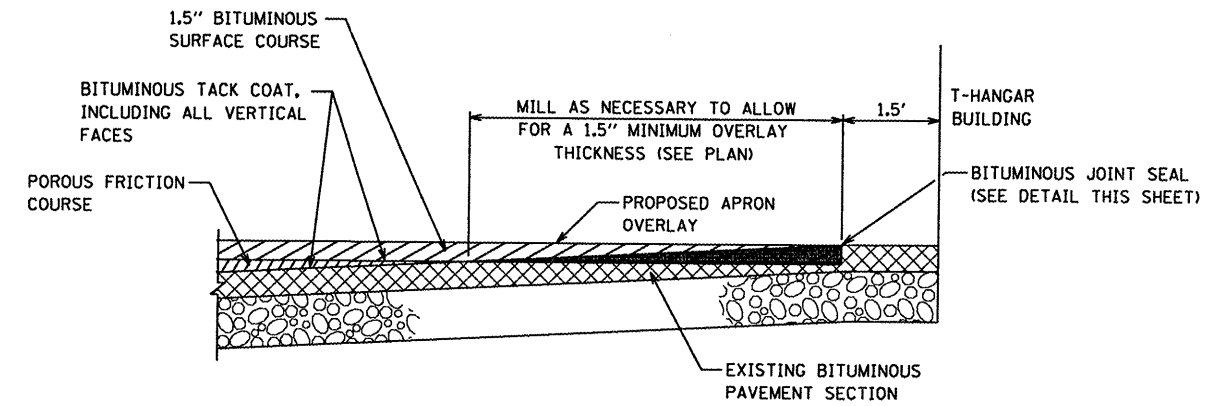
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

**IMPROVEMENT AND SAFETY PLAN**

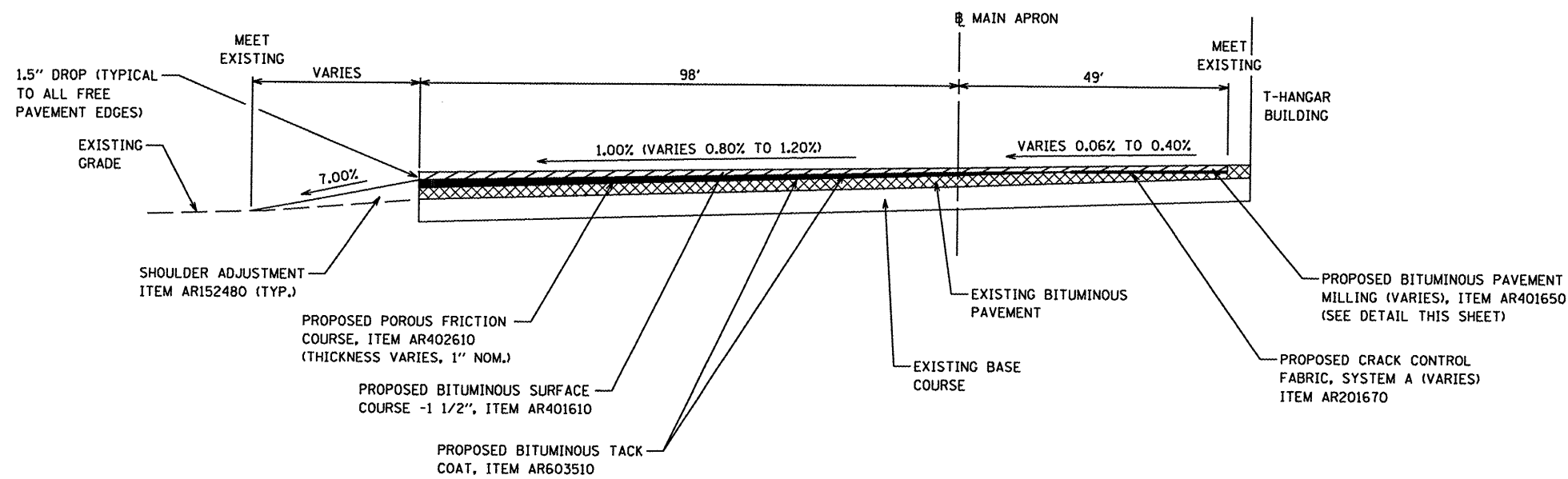
ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12



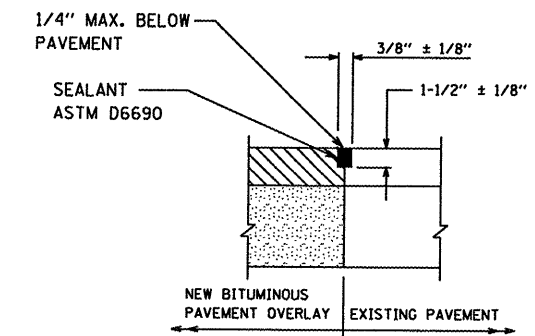
**TYPICAL SECTION - MAIN APRON AREA**  
STA. 20+65.00 TO 22+15.00  
EXCEPT TRANSITIONS



**BITUMINOUS MILLING DETAIL**



**TYPICAL SECTION - MAIN APRON AREA**  
STA. 22+15.00 TO 24+39.00  
EXCEPT TRANSITIONS



NOTE:  
ALL WORK RELATED TO THE BITUMINOUS JOINT SEALING  
WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE  
PROPOSED PAVEMENT OVERLAY AND NO ADDITIONAL  
COMPENSATION WILL BE ALLOWED.

**BITUMINOUS JOINT SEAL DETAIL**

TYPICALS & DETAILS SHOWN ARE NOT TO SCALE

FILE NAME: P:\07e189903\Design\07e189903.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899003.dgn	
PLOT SCALE	40.0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 3 OF 40 SHEETS		
LAYOUT	MGM	04/02/08
DRAWN	MGM	04/02/08
REVIEWED	RHB	05/06/08



**BENTON & ASSOCIATES INC.**  
ILLINOIS DESIGN FIRM  
REGISTRATION NO. 184-000852

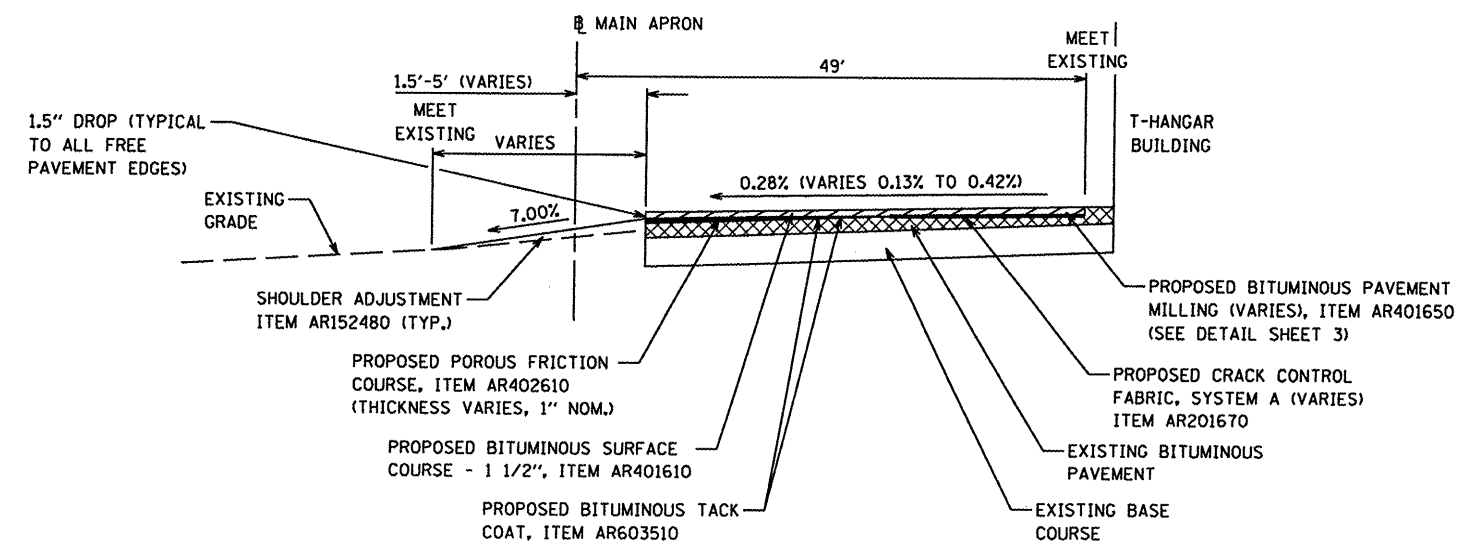
**BENTON & ASSOCIATES, INC.**  
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KIRKSVILLE MISSOURI  
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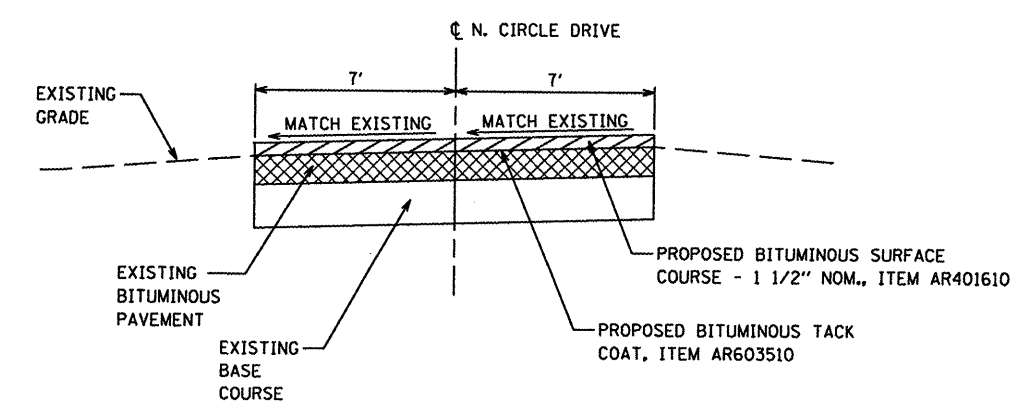
TYPICAL SECTIONS AND DETAILS

ILL. PROJ. NO. K06-3749

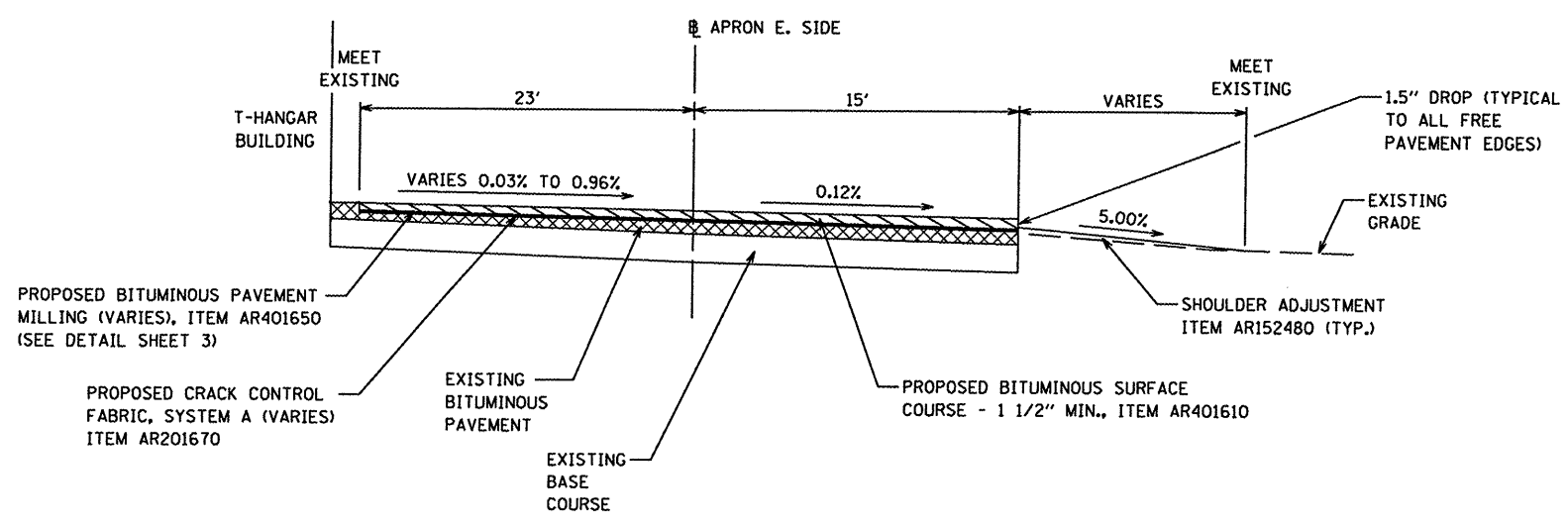
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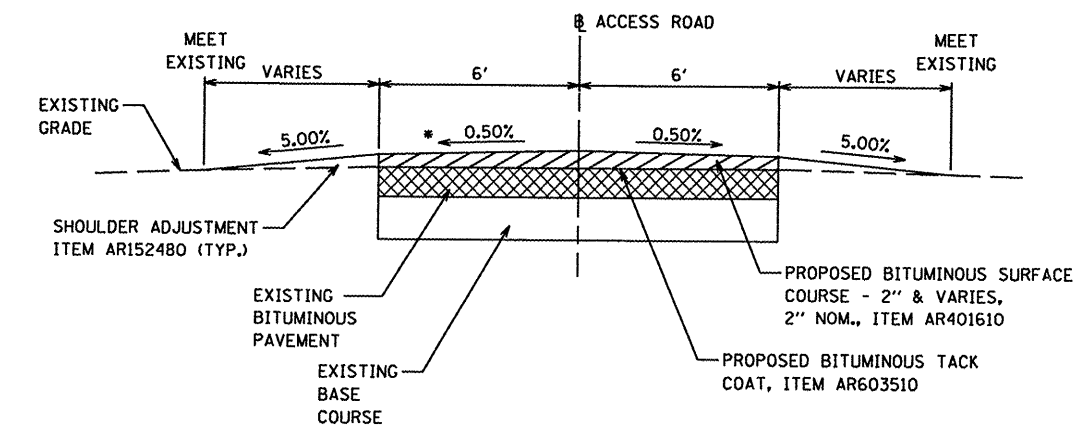
**TYPICAL SECTION - MAIN APRON AREA**  
 STA. 24+39.00 TO 25+05.00  
 EXCEPT TRANSITIONS



**TYPICAL SECTION - NORTH CIRCLE DRIVE**  
 EXCEPT TRANSITIONS



**TYPICAL SECTION - EAST APRON AREA**  
 STA. 30+15.00 TO 33+05.00  
 EXCEPT TRANSITIONS



**TYPICAL SECTION - ACCESS ROAD**  
 STA. 40+35.00 TO 42+33.00  
 EXCEPT TRANSITIONS

\*TRANSITION CROSS SLOPE  
 STA. 40+50 TO 40+75, -0.50% to +0.50%  
 STA. 41+00 TO 41+25, +0.50% to -0.50%

TYPICALS SHOWN ARE NOT TO SCALE

FILE NAME = P:\07\1899\Design\Plans\07-1899004.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
 CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899004.dgn	
PLOT SCALE	40,0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 4 OF 40 SHEETS		
LAYOUT	MGM	04/02/08
DRAWN	MGM	04/02/08
REVIEWED	RHB	05/06/08



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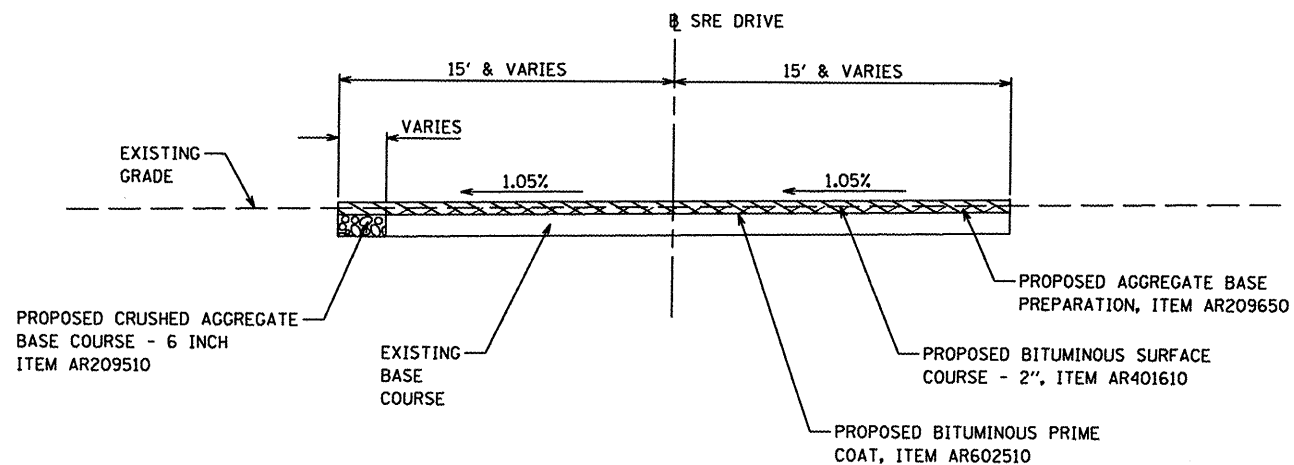
TYPICAL SECTIONS AND DETAILS

ILL. PROJ. NO. K06-3749

A.I.P. PROJ. NO. 3-17-0004-B12

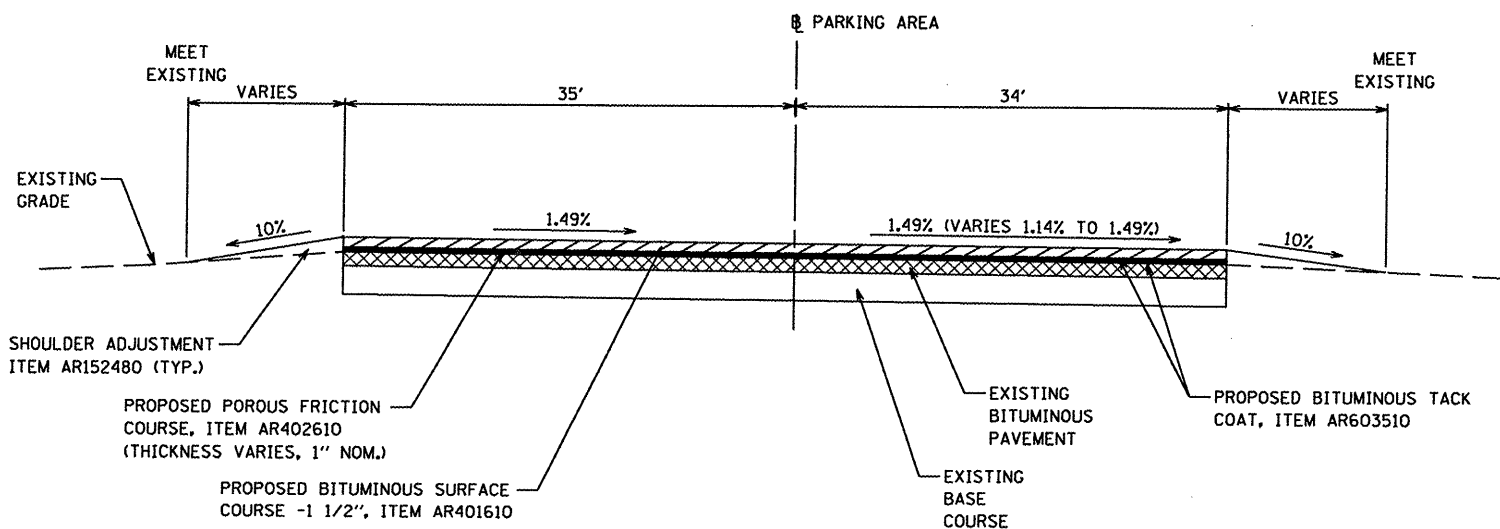
GENERAL NOTES

1. ANY EARTH AND SOD WHICH HAS ENCRONCHED UPON THE PAVEMENT EDGE SHALL BE BLADED BACK PRIOR TO THE BITUMINOUS TACK COAT APPLICATION. USE A PESTICIDE TO KILL ALL WEEDS ON THE EXISTING PAVEMENT SURFACE. ONCE THE WEEDS HAVE DIED, USE A TORCH TO BURN OFF WEEDS. THE ENTIRE PAVEMENT SURFACE SHALL BE POWER BROOMED TO REMOVE ALL LOOSE MATERIALS BEFORE THE APPLICATION OF BITUMINOUS TACK COAT. THE COST OF THIS WORK WILL BE CONSIDERED INCIDENTAL TO PAY ITEM AR603510 "BITUMINOUS TACK COAT" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. PRIOR TO PLACEMENT OF THE PROPOSED FRICTION COURSE, THE AREA TO BE OVERLAYED WILL BE SPRAYED WITH AN APPLICATION OF BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.20 GALLONS PER SQUARE YARD WAS USED FOR CALCULATING THE QUANTITY OF TACK COAT FOR THIS APPLICATION. THE EXACT AMOUNT OF BITUMINOUS TACK COAT TO BE USED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.
3. THE PROPOSED PORUS FRICTION COURSE WILL BE CONSTRUCTED IN ONE LAYER, HAVING A COMPACTED NOMINAL THICKNESS OF 0.08 FOOT. PORUS FRICTION COURSE SHALL BE PLACED ON A CLEAN AND PREPARED SURFACE ONLY AFTER THE APPROVAL OF THE RESIDENT ENGINEER. GRADE WILL BE CONTROLLED BY THE USE OF A STRINGLINE. POROUS FRICTION COURSE WILL BE CONSTRUCTED IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS AND IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
4. AT LOCATIONS WHERE THE EDGE DROP FROM THE FINISHED SURFACE TO THE EXISTING TURF SHOULDER EXCEEDS 1 1/2", THE SHOULDER SHALL BE ADJUSTED AS SHOWN IN THE TYPICAL SECTIONS USING SOIL OBTAINED OFF SITE THAT IS FREE OF HEAVY SOD, DECAYED VEGETATIVE MATTER, RUBBISH, AGGREGATE AND OTHER UNSUITABLE MATERIAL. THE SHOULDER ADJUSTMENT AREAS SHALL BE FERTILIZED AND SEEDDED AND THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM AR152480" SHOULDER ADJUSTMENT".
5. ALL AREAS DISTURBED BY THE CONTRACTOR INCLUDING THE CONTRACTOR'S PARKING AREA, ETC. SHALL BE REGRADED AND RESEDED AND/OR RESTORED TO THEIR ORIGINAL CONDITION. THIS RESTORATION SHALL BE ACCOMPLISHED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE UPON COMPLETION OF THIS IMPROVEMENT PROJECT.



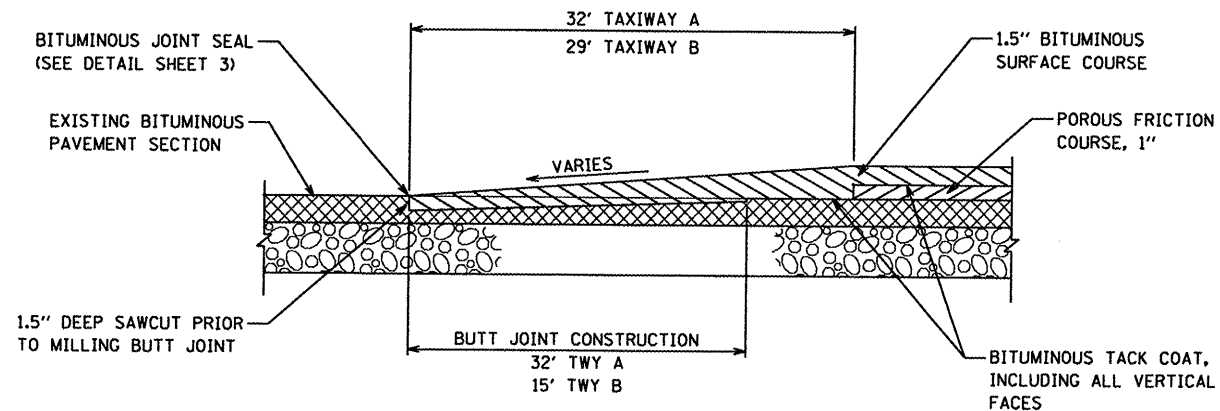
TYPICAL SECTION - SRE DRIVE

STA. 50+06.45 TO 51+10.00  
EXCEPT TRANSITIONS

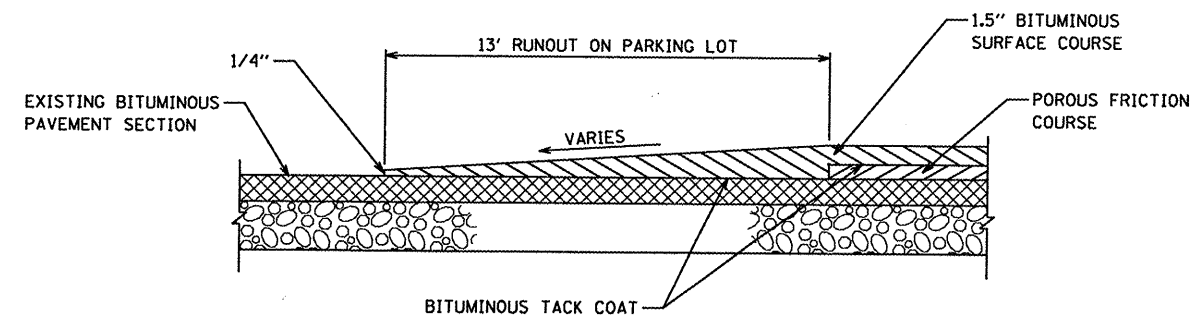


TYPICAL SECTION - PARKING LOT

STA. 60+15.00 TO 61+25.00  
EXCEPT TRANSITIONS



BITUMINOUS BUTT JOINT DETAIL



BITUMINOUS TAPER DETAIL

TYPICALS & DETAILS SHOWN ARE NOT TO SCALE

FILE NAME: P:\07\1819\Design\Plans\07\1819\005.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899005.dgn
PLOT SCALE	40.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 5 OF 40 SHEETS	
LAYOUT	MGM 04/02/08
DRAWN	MGM 04/02/08
REVIEWED	RHB 05/06/08

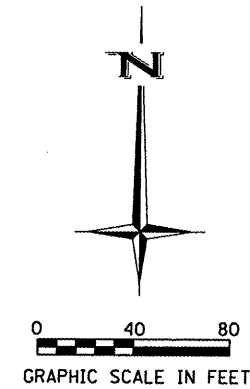


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KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

TYPICAL SECTIONS AND DETAILS

ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12



POT, STA. 166+02.75  
 RUNWAY 18/36 ☉  
 PK NAIL  
 N 5000.000  
 E 5000.000

TAXIWAY B

POT, STA. 26+00.00  
 MAIN APRON ☉  
 IRON ROD  
 N 4983.058  
 E 5402.413

POT, STA. 34+00.00  
 EAST APRON ☉  
 IRON ROD  
 N 4983.430  
 E 5513.412

RUNWAY 18-36

TAXIWAY A

HANGAR

STA. 15+15.00, TAXIWAY A ☉  
 = STA. 30+00.00 EAST APRON ☉  
 MAG NAIL  
 N 4583.432  
 E 5514.753

POT, STA. 16+00.00  
 TAXIWAY A ☉  
 IRON ROD  
 N 4583.717  
 E 5599.757

CURVE ACRD 1  
 P.I. STA= 40+44.66  
 Δ= 30°40'00"  
 D= 71°37'11"  
 R= 80.00'  
 T= 21.94'  
 L= 42.82'  
 E= 2.95'  
 P.C. STA= 40+22.73  
 P.T. STA= 40+65.55

CURVE ACRD 2  
 P.I. STA= 40+89.61  
 Δ= 30°19'00"  
 D= 71°37'11"  
 R= 80.00'  
 T= 21.67'  
 L= 42.33'  
 E= 2.88'  
 P.C. STA= 40+67.94  
 P.T. STA= 41+10.27

STA. 10+00.00, TAXIWAY A ☉  
 = STA. 161+84.46 RUNWAY 18/36 ☉  
 MAG NAIL  
 N 4581.707  
 E 4999.756

STA. 14+04.00, TAXIWAY A ☉  
 = STA. 22+00.00 MAIN APRON ☉  
 MAG NAIL  
 N 4583.061  
 E 5403.753

STA. 14+98.50, TAXIWAY A ☉  
 = STA. 42+68.60 ACCESS ROAD ☉  
 MAG NAIL  
 N 4583.377  
 E 5498.256

STA. 50+00.00, SRE DRIVE ☉  
 = STA. 41+20.53 ACCESS ROAD ☉  
 MAG NAIL  
 N 4442.113  
 E 5542.376

POT, STA. 51+20.00  
 SRE DRIVE ☉  
 DRILL HOLE  
 N 4442.515  
 E 5662.375

POT, STA. 61+30.00  
 PARKING LOT ☉  
 IRON ROD  
 N 4402.376  
 E 5634.651

PI, STA. 41+43.60  
 MAG NAIL  
 N 4463.561  
 E 5533.881

PI, CURV ACRD2  
 STA. 40+89.61  
 MAG NAIL  
 N 4412.426  
 E 5554.135

PI, CURV ACRD1  
 STA. 40+44.66  
 MAG NAIL  
 N 4384.059  
 E 5590.347

POT, STA. 20+00.00  
 MAIN APRON ☉  
 IRON ROD  
 N 4383.062  
 E 5404.423

STA. 40+00.00, ACCESS ROAD ☉  
 = STA. 61+05.92 PARKING LOT ☉  
 MAG NAIL  
 N 4378.300  
 E 5634.637

POT, STA. 60+00.00  
 PARKING LOT ☉  
 IRON ROD  
 N 4272.376  
 E 5634.576

FILE NAME = P:\07\1899\Design\Plans\07e1899006.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
 CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899006.dgn
PLOT SCALE	80.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 6 OF 40 SHEETS	
LAYOUT	MGM 04/29/08
DRAWN	MGM 04/29/08
REVIEWED	RHB 05/06/08



BENTON & ASSOCIATES, INC.  
 1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
 (217) 245-4146 (217) 245-4149 FAX

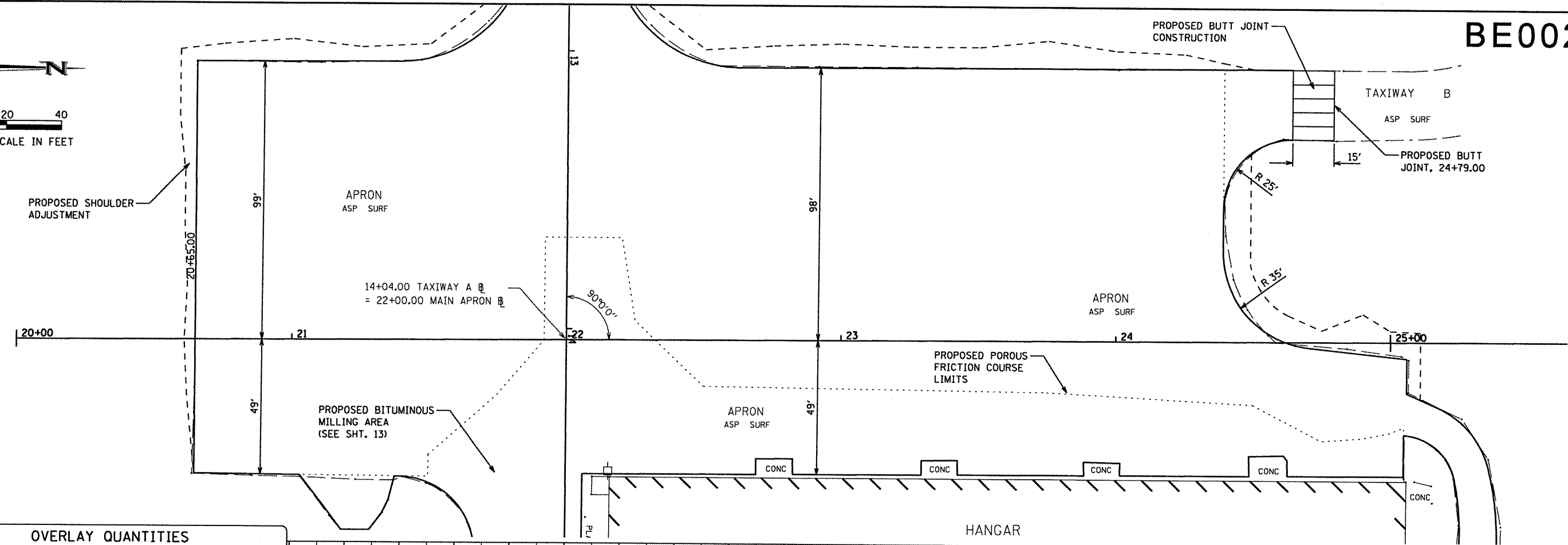
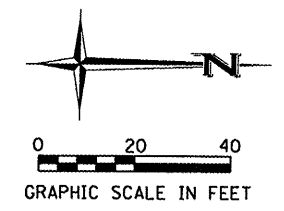
KIRKSVILLE MISSOURI  
 MACOMB ILLINOIS  
 ST. LOUIS MISSOURI

HORIZONTAL CONTROL PLAN

ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12



BE002



PROPOSED SHOULDER ADJUSTMENT

APRON ASP SURF

14+04.00 TAXIWAY A @ = 22+00.00 MAIN APRON @

PROPOSED BITUMINOUS MILLING AREA (SEE SHT. 13)

APRON ASP SURF

PROPOSED POROUS FRICTION COURSE LIMITS

APRON ASP SURF

PROPOSED BUTT JOINT CONSTRUCTION

TAXIWAY B

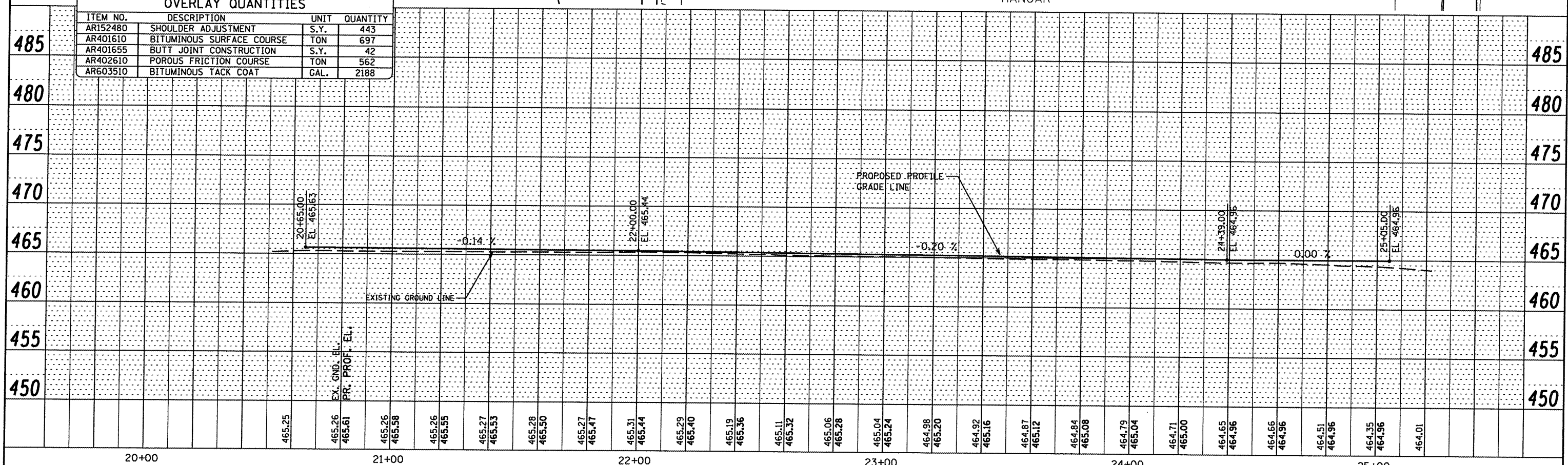
ASP SURF

PROPOSED BUTT JOINT, 24+79.00

HANGAR

OVERLAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152480	SHOULDER ADJUSTMENT	S.Y.	443
AR401610	BITUMINOUS SURFACE COURSE	TON	697
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	42
AR402610	POROUS FRICTION COURSE	TON	562
AR603510	BITUMINOUS TACK COAT	GAL.	2188



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	BLM. NOTED	
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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

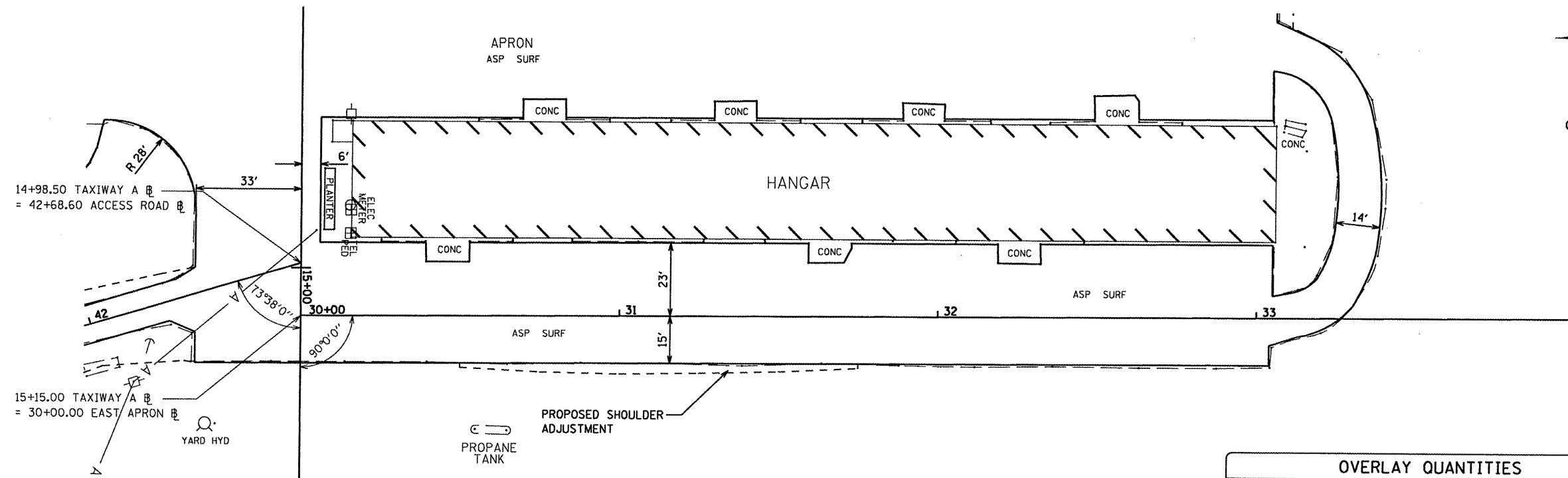
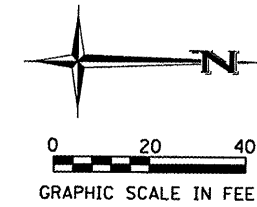
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SHEET 8 OF 40 SHEETS	
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DRAWN	MGM 04/07/08
REVIEWED	RHB 05/09/08



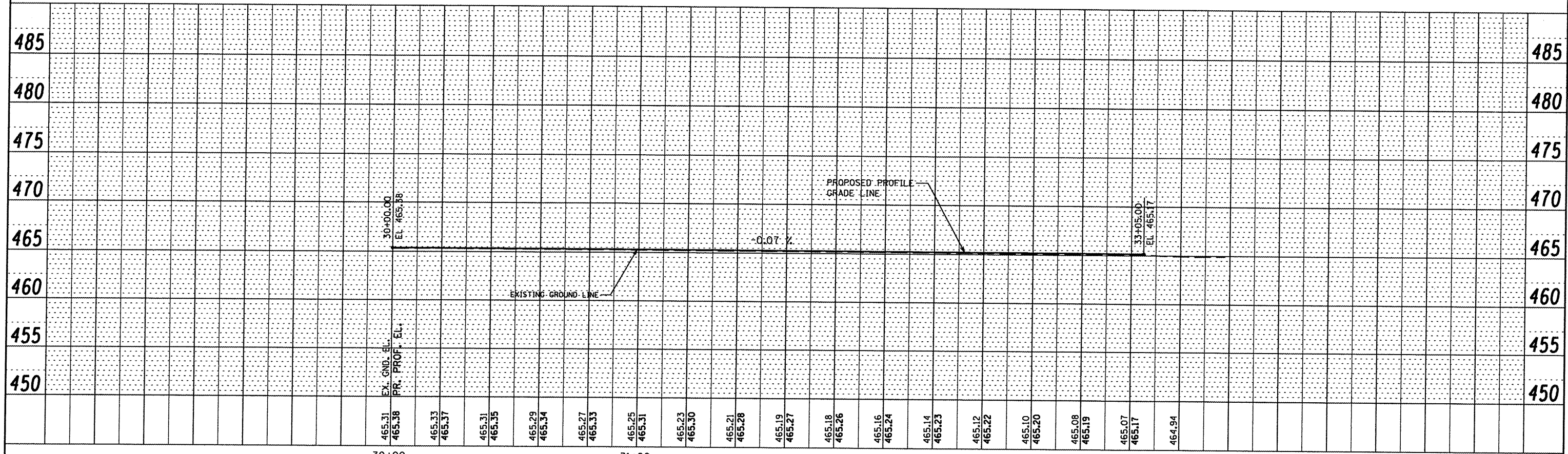
BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

MAIN APRON PLAN AND PROFILE	
ILL. PROJ. NO. K06-3749	A.I.P. PROJ. NO. 3-17-0004-B12





OVERLAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152480	SHOULDER ADJUSTMENT	S.Y.	28
AR401610	BITUMINOUS SURFACE COURSE	TON	193



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DATE	REVISION

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CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

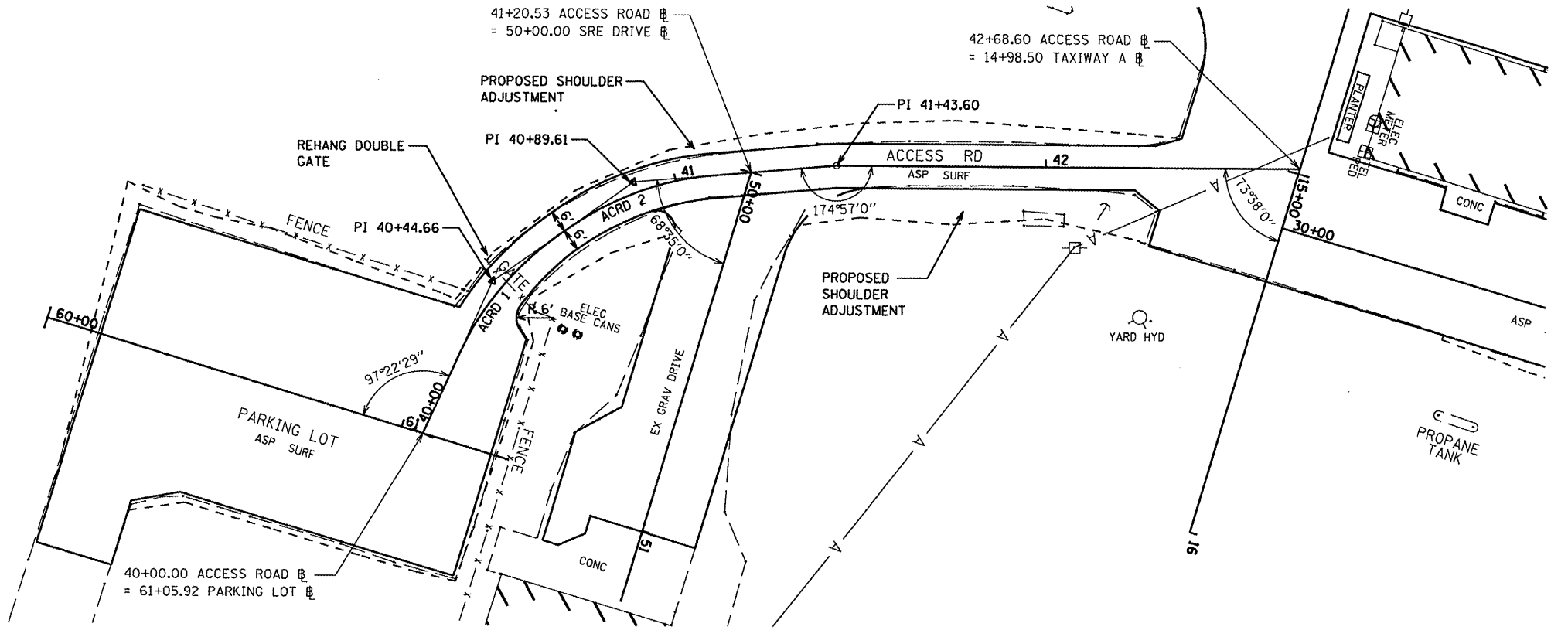
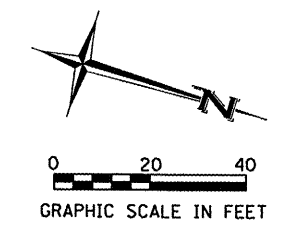
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DATE	JANUARY 9, 2009	
SHEET 9 OF 40 SHEETS		
LAYOUT	MCM	04/08/08
DRAWN	MCM	04/08/08
REVIEWED	RHB	05/06/08



BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

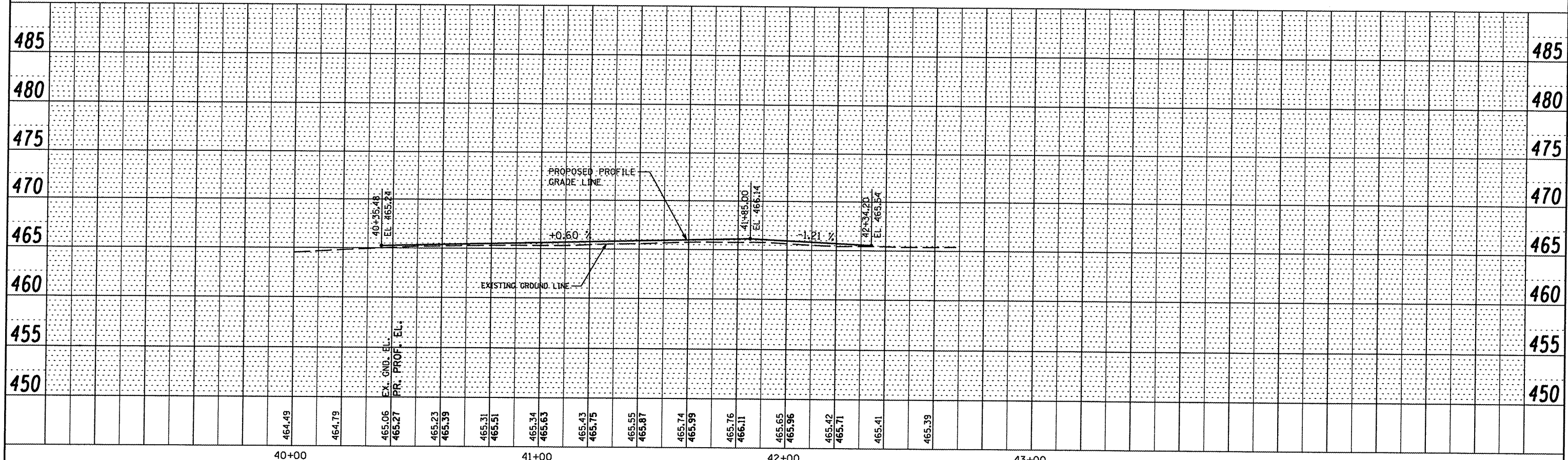
EAST APRON PLAN AND PROFILE

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12



CURVE ACRD 1		CURVE ACRD 2	
P.I. STA=	40+44.66	P.I. STA=	40+89.61
Δ=	30°40'00"	Δ=	30°19'00"
D=	71°37'11"	D=	71°37'11"
R=	80.00'	R=	80.00'
T=	21.94'	T=	21.67'
L=	42.82'	L=	42.33'
E=	2.95'	E=	2.88'
P.C. STA=	40+22.73	P.C. STA=	40+67.94
P.T. STA=	40+65.55	P.T. STA=	41+10.27

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152480	SHOULDER ADJUSTMENT	S.Y.	220
AR401610	BITUMINOUS SURFACE COURSE	TON	45
AR603510	BITUMINOUS TACK COAT	GAL.	54



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	NO. OF PAGES		
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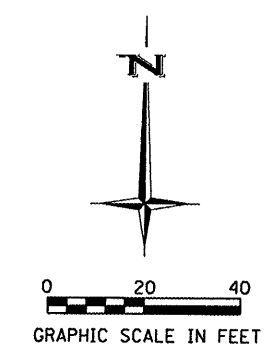
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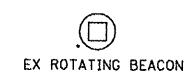
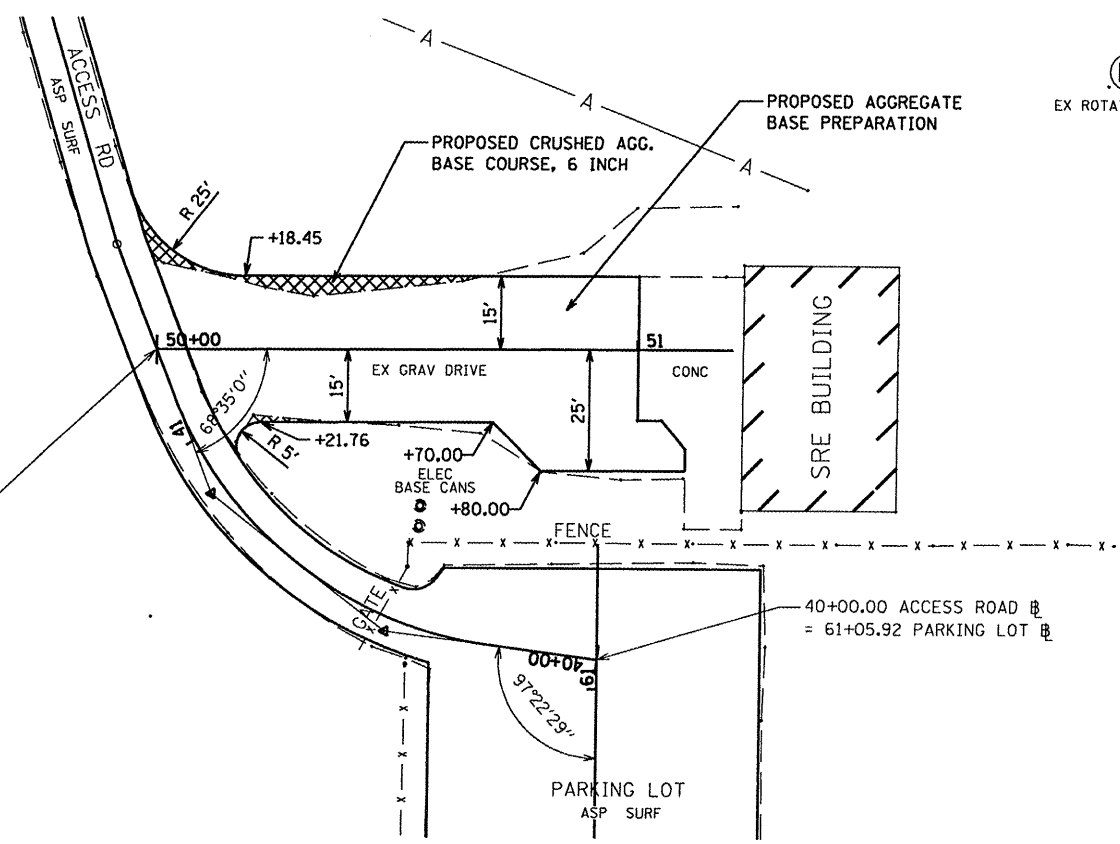
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DATE	REVISION																											
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GENERAL NOTES

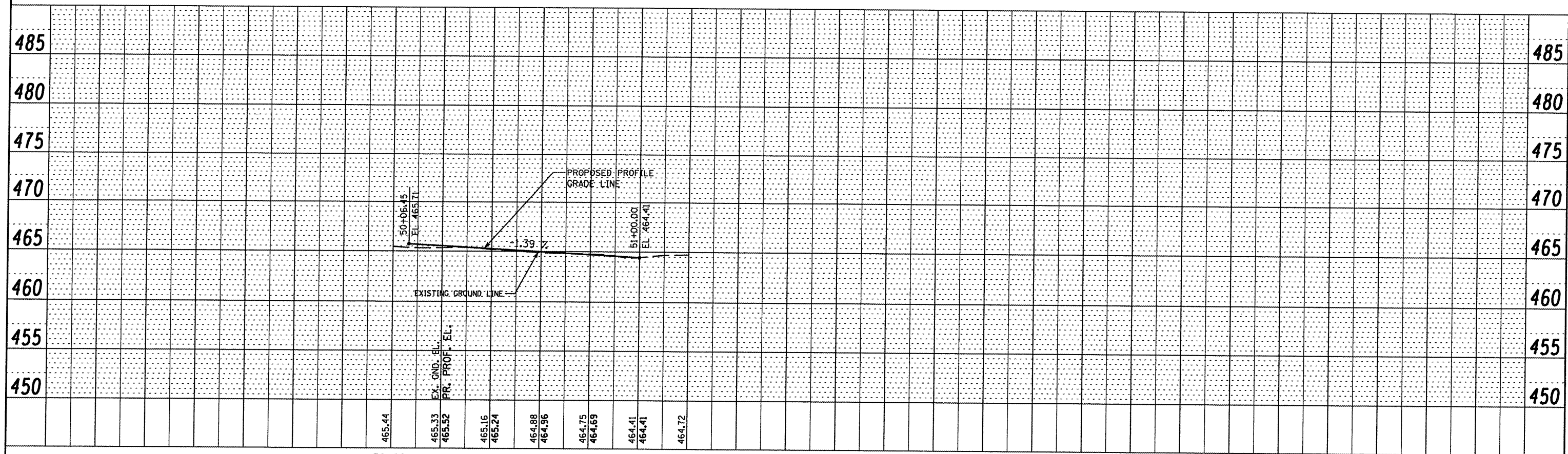
1. THE EXISTING AGGREGATE BASE SHALL BE BLADED AND SHAPED AS REQUIRED TO PROVIDE FOR THE APPLICATION OF A 2" THICKNESS OF PROPOSED BITUMINOUS SURFACE TO THE FINISHED ELEVATION INDICATED IN THE PLANS. THE COST OF REMOVAL OF THE EXISTING AGGREGATE BASE MATERIAL, WHERE NECESSARY, SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR PAY ITEM AR209650 "AGGREGATE BASE PREPARATION" AND NO ADDITIONAL COST WILL BE ALLOWED.
2. ALL BLADED/REMOVED AGGREGATE BASE MATERIAL SHALL BE LAWFULLY DISPOSED OF BY THE CONTRACTOR OFF THE AIRPORT SITE.
3. IN LOCATIONS WHERE NO AGGREGATE BASE COURSE EXISTS, THESE AREAS SHALL BE EXCAVATED AND THE REMOVED MATERIAL DISPOSED OF. THE AREAS SHALL BE REPLACED WITH A SIX (6) INCH DEPTH OF NEW AGGREGATE BASE MATERIAL MEETING THE REQUIREMENTS OF ITEM 209. THE COST OF THE REMOVAL AND DISPOSAL OF THE EXISTING BASE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE PREPARATION. FURNISHING, PLACING AND COMPACTING NEW BASE MATERIAL SHALL BE PAID FOR AT THE UNIT PRICE BID FOR CRUSHED AGGREGATE BASE COURSE.
4. THE CONTRACTOR SHALL EXERCISE CAUTION DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THE EXISTING SRE BUILDING. ANY DAMAGE TO BUILDINGS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT MANAGER.



50+00.00 SRE DRIVE @  
= 41+20.53 ACCESS ROAD @



OVERLAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	9
AR209650	AGGREGATE BASE PREPARATION	S.Y.	338
AR401610	BITUMINOUS SURFACE COURSE	TON	41
AR602510	BITUMINOUS PRIME COAT	GAL.	127



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NO.	CHECKED	
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	ADDED FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	STRUCTURE NOTATIONS CHECKED	

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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

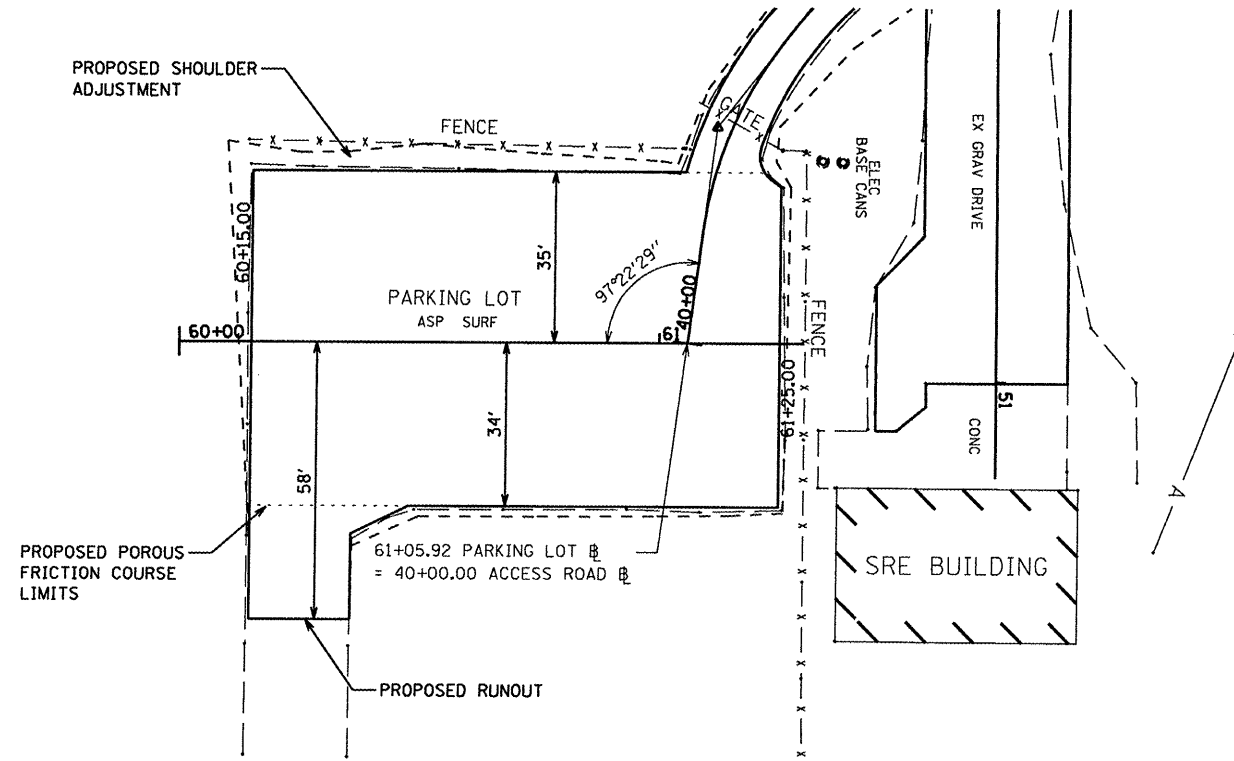
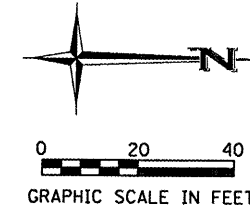
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PLOT SCALE	40,0000' / IN.
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SHEET 11 OF 40 SHEETS	
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REVIEWED	RHB 05/06/08



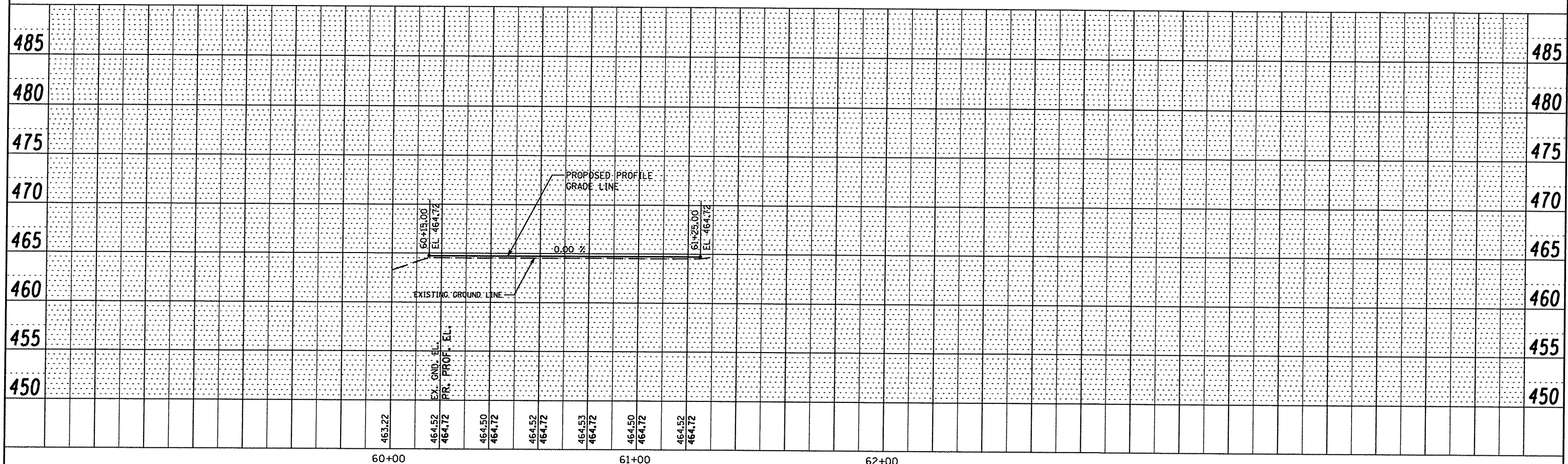
BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX

SRE DRIVE PLAN AND PROFILE

ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12



OVERLAY QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR152480	SHOULDER ADJUSTMENT	S.Y.	95
AR401610	BITUMINOUS SURFACE COURSE	TON	89
AR402610	POROUS FRICTION COURSE	TON	71
AR603510	BITUMINOUS TACK COAT	GAL.	350



PLAN	SURVEYED	BY	DATE
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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

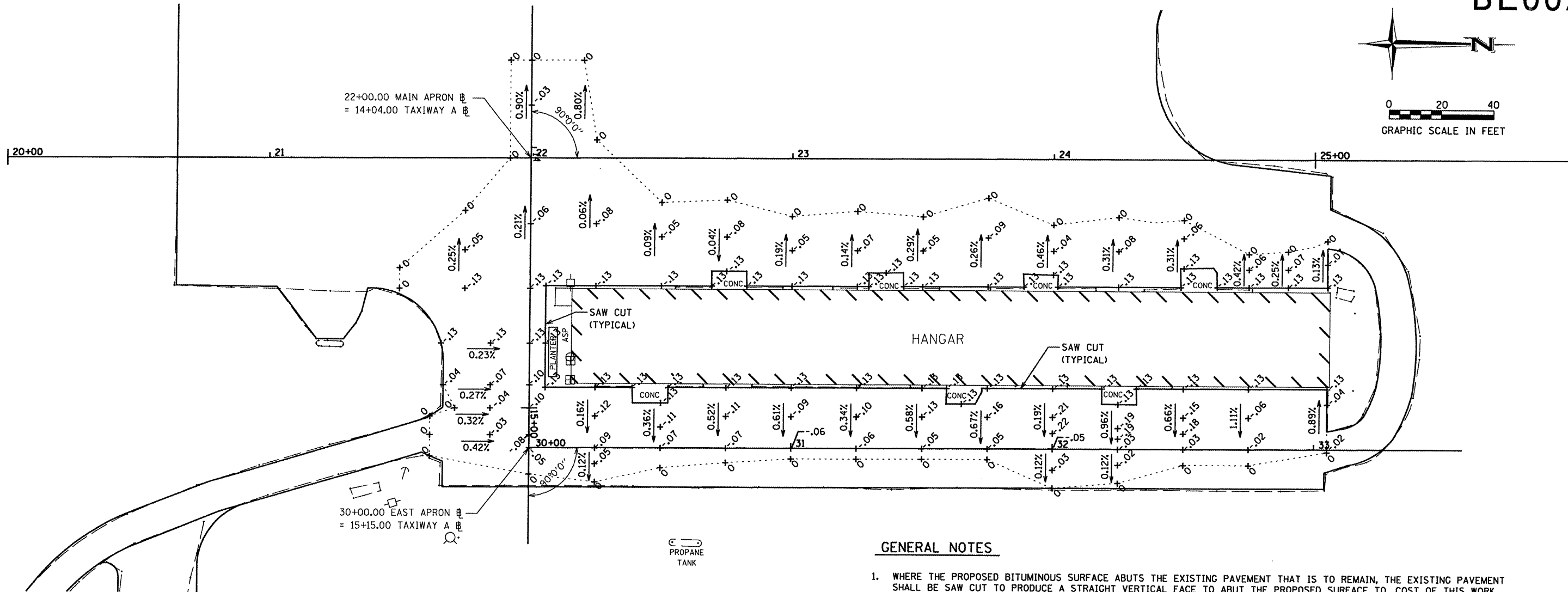
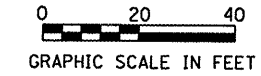
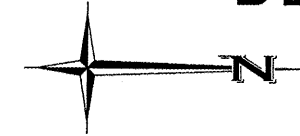
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DATE	JANUARY 9, 2009
SHEET 12 OF 40 SHEETS	
LAYOUT	MGM 04/10/08
DRAWN	MGM 04/10/08
REVIEWED	RHB 05/06/08



BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

PARKING LOT PLAN AND PROFILE

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12



**LEGEND**

- EXISTING BUILDING
- $+06$  MILLING DEPTH BELOW EXISTING PAVEMENT

APRON MILLING QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR201670	CRACK CONTROL FABRIC	S.Y.	3053
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	87
AR209650	AGGREGATE BASE PREPARATION	S.Y.	256
AR401650	BITUMINOUS PAVEMENT MILLING	S.Y.	2793

**GENERAL NOTES**

1. WHERE THE PROPOSED BITUMINOUS SURFACE ABUTS THE EXISTING PAVEMENT THAT IS TO REMAIN, THE EXISTING PAVEMENT SHALL BE SAW CUT TO PRODUCE A STRAIGHT VERTICAL FACE TO ABUT THE PROPOSED SURFACE TO. COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM AR401650 "BITUMINOUS PAVEMENT MILLING" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. PRIOR TO PLACEMENT OF THE PROPOSED BITUMINOUS SURFACE, THE VERTICAL FACES OF ALL ABUTTING EXISTING PAVEMENT WILL BE SPRAYED WITH AN APPLICATION OF BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.20 GALLONS PER SQUARE YARD WAS USED FOR CALCULATING THE QUANTITY OF TACK COAT FOR THIS APPLICATION. THE EXACT AMOUNT OF BITUMINOUS TACK COAT TO BE USED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.
3. THE EXISTING BITUMINOUS SURFACE SHALL BE MILLED AND THE EXISTING AGGREGATE BASE SHALL BE BLADED AND SHAPED AS REQUIRED TO PROVIDE FOR THE APPLICATION OF A 1.5" THICKNESS OF PROPOSED BITUMINOUS SURFACE TO THE FINISHED ELEV. INDICATED IN THE PLANS. THE COST OF REMOVAL OF THE EXISTING AGGREGATE BASE MATERIAL, WHERE NECESSARY, SHALL BE CONSIDERED INCLUDED IN THE PRICE BID FOR PAY ITEM AR209650 "AGGREGATE BASE PREPARATION" AND NO ADDITIONAL COST WILL BE ALLOWED.
4. ALL REMOVED BITUMINOUS SURFACE MATERIAL AND BLADED/REMOVED AGGREGATE BASE MATERIAL SHALL BE LAWFULLY DISPOSED OF BY THE CONTRACTOR OFF THE AIRPORT SITE.
5. IN LOCATIONS WHERE UNSTABLE EXISTING AGGREGATE BASE COURSE IS ENCOUNTERED REQUIRING REPAIR OF THE BASE, THE AREAS DESIGNATED BY THE RESIDENT ENGINEER SHALL BE EXCAVATED AND THE REMOVED MATERIAL DISPOSED OF. THE AREAS SHALL BE REPLACED WITH A SIX (6) INCH DEPTH OF NEW AGGREGATE BASE MATERIAL MEETING THE REQUIREMENTS OF ITEM 209. THE COST OF THE REMOVAL AND DISPOSAL OF THE EXISTING BASE SHALL BE CONSIDERED INCIDENTAL TO THE AGGREGATE BASE PREPARATION. FURNISHING, PLACING AND COMPACTING NEW BASE MATERIAL SHALL BE PAID FOR AT THE UNIT PRICE BID FOR CRUSHED AGGREGATE BASE COURSE.
6. THE QUANTITY FOR CRUSHED AGGREGATE BASE COURSE FOR THE APRON AREA THAT IS INCLUDED IN THESE CONSTRUCTION PLANS IS ESTIMATED IN ORDER TO ESTABLISH A WORK ITEM BID PRICE. THE QUANTITY WILL BE ADJUSTED BY THE RESIDENT ENGINEER DURING CONSTRUCTION BASED UPON FIELD INSPECTION AND IDENTIFICATION OF LOCATIONS REQUIRING REPAIR OF THE EXISTING AGGREGATE BASE. THE RIGHT IS RESERVED TO INCREASE OR DECREASE THE QUANTITY FOR CRUSHED AGGREGATE BASE COURSE WITH NO UNIT PRICE ADJUSTMENT FOR THE ALTERED CONTRACT ITEM BEING ALLOWED.
7. THE CONTRACTOR SHALL EXERCISE CAUTION DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THE EXISTING HANGAR BUILDING. ANY DAMAGE TO BUILDINGS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT MANAGER.

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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

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DATE	JANUARY 9, 2009	
SHEET 13 OF 40 SHEETS		
LAYOUT	MGM	04/14/08
DRAWN	MGM	04/14/08
REVIEWED	RHB	05/06/08



BENTON & ASSOCIATES, INC.  
ILLINOIS DESIGN FIRM  
REGISTRATION NO. 184-000852

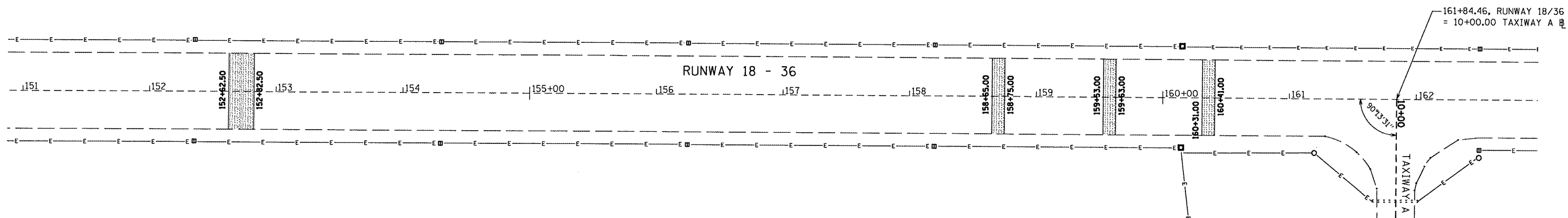
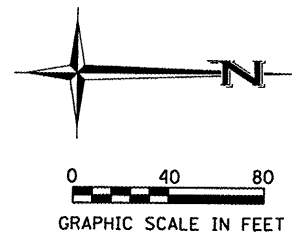
BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX

KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

**BITUMINOUS MILLING PLAN**

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

- LEGEND**
- EXISTING STAKE-MOUNTED RUNWAY LIGHT
  - EXISTING BASE-MOUNTED RUNWAY LIGHT
  - EXISTING STAKE-MOUNTED TAXIWAY LIGHT
  - EXISTING PAVEMENT
  - ▨ PROPOSED BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT



PAVEMENT REMOVAL & REPLACEMENT QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR201610	BITUMINOUS BASE COURSE	TON	75
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	153
AR401610	BITUMINOUS SURFACE COURSE	TON	56
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	333
AR602510	BITUMINOUS PRIME COAT	GAL.	117
AR603510	BITUMINOUS TACK COAT	GAL.	73

**REMOVE AND REPLACE BITUMINOUS PAVEMENT NOTES**

THE AREA(S) DESIGNATED AS ▨ WILL HAVE THE EXISTING BITUMINOUS PAVEMENT AND BASE COURSE REMOVED (FULL DEPTH) AND REPLACED WITH AGGREGATE BASE COURSE, BITUMINOUS BASE COURSE AND BITUMINOUS SURFACE COURSE. ALL REMOVED MATERIAL WILL BE LAWFULLY DISPOSED OF BY THE CONTRACTOR OFF THE AIRPORT SITE.

WHERE THE PROPOSED REMOVAL AND REPLACEMENT AREA ABUTS THE EXISTING PAVEMENT, THE PAVEMENT WILL BE SAWED PRIOR TO REMOVAL. THE SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

PRIOR TO PLACEMENT OF THE PROPOSED BITUMINOUS BASE COURSE, THE CRUSHED AGGREGATE SHALL BE SPRAYED WITH AN APPLICATION OF BITUMINOUS PRIME COAT AT A RATE OF 0.35 GALLONS PER SQUARE YARD. THE VERTICAL SIDES OF THE EXISTING BITUMINOUS PAVEMENT SHALL BE SPRAYED WITH AN APPLICATION OF BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.20 GALLONS PER SQUARE YARD WAS USED FOR CALCULATING THE QUANTITY OF TACK COAT FOR THIS APPLICATION. THE EXACT AMOUNT OF BITUMINOUS TACK COAT TO BE USED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

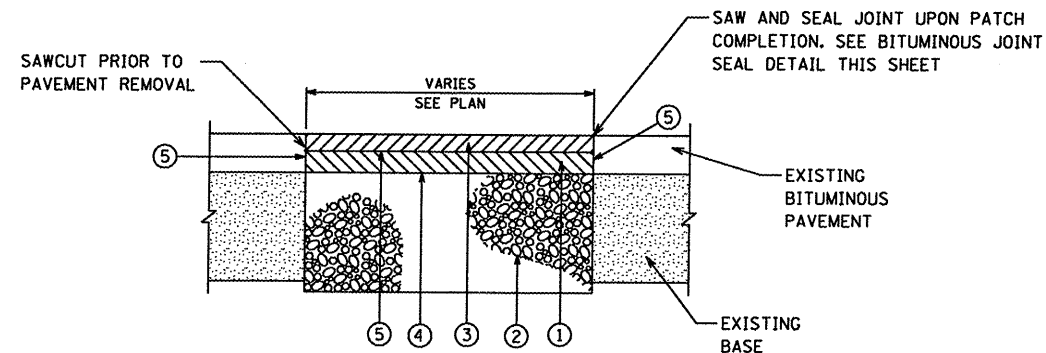
PRIOR TO PLACEMENT OF THE PROPOSED BITUMINOUS SURFACE COURSE, THE BITUMINOUS BASE COURSE AND THE VERTICAL SIDES OF THE EXISTING BITUMINOUS PAVEMENT SHALL BE SPRAYED WITH AN APPLICATION OF BITUMINOUS TACK COAT. AN APPLICATION RATE OF 0.20 GALLONS PER SQUARE YARD WAS USED FOR CALCULATING THE QUANTITY OF TACK COAT FOR THIS APPLICATION. THE EXACT AMOUNT OF BITUMINOUS TACK COAT TO BE USED SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

ALL WORK RELATED TO THE BITUMINOUS JOINT SEALING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE PROPOSED PAVEMENT REPLACEMENT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ANY ADJACENT PAVEMENT DAMAGED BY THE PAVEMENT REMOVAL OR REPLACEMENT OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.

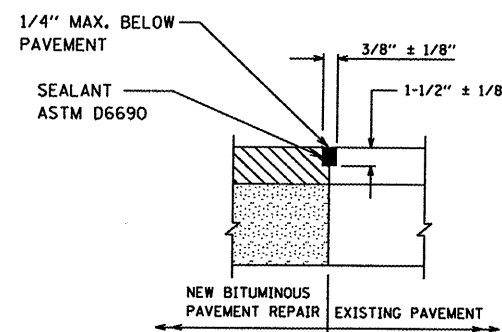
THE PROPOSED REMOVAL WILL BE PAID FOR UNDER ITEM:  
AR401900 "REMOVE BITUMINOUS PAVEMENT" PER SQUARE YARD

THE PROPOSED REPLACEMENT WILL BE PAID FOR UNDER ITEMS:  
AR201610 "BITUMINOUS BASE COURSE" PER TON  
AR209510 "CRUSHED AGGREGATE BASE COURSE" PER TON  
AR401610 "BITUMINOUS SURFACE COURSE" PER TON  
AR602510 "BITUMINOUS PRIME COAT" PER GALLON  
AR603510 "BITUMINOUS TACK COAT" PER GALLON



- ① PROPOSED 4 INCH BITUMINOUS BASE COURSE, ITEM AR201610 (PLACED IN TWO LIFTS)
- ② PROPOSED 8 INCH CRUSHED AGGREGATE BASE COURSE, ITEM AR209510
- ③ PROPOSED 3 INCH BITUMINOUS SURFACE COURSE, ITEM AR401610
- ④ PROPOSED BITUMINOUS PRIME COAT, ITEM AR602510
- ⑤ PROPOSED BITUMINOUS TACK COAT, ITEM AR603510

**BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT DETAIL**  
NOT TO SCALE



**BITUMINOUS JOINT SEAL DETAIL**  
NOT TO SCALE

FILE NAME = P:\B7e1899014.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899014.dgn	
PLOT SCALE	80,0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 14 OF 40 SHEETS		
LAYOUT	MGM	03/20/08
DRAWN	MGM	03/20/08
REVIEWED	RHB	05/06/08



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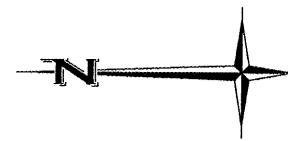
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

**RUNWAY 18-36 REPAIR PLAN**

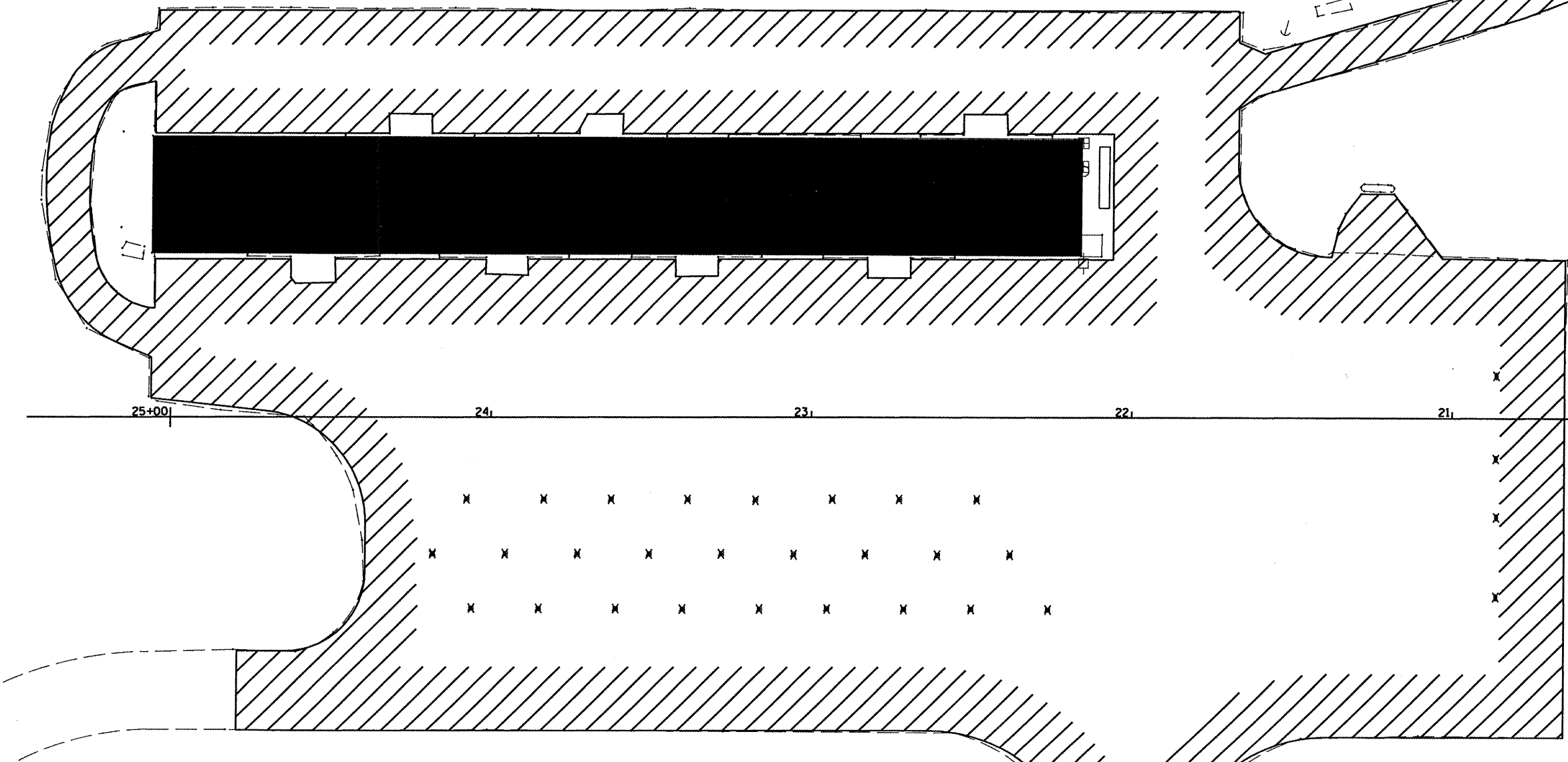
ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

PROPANE  
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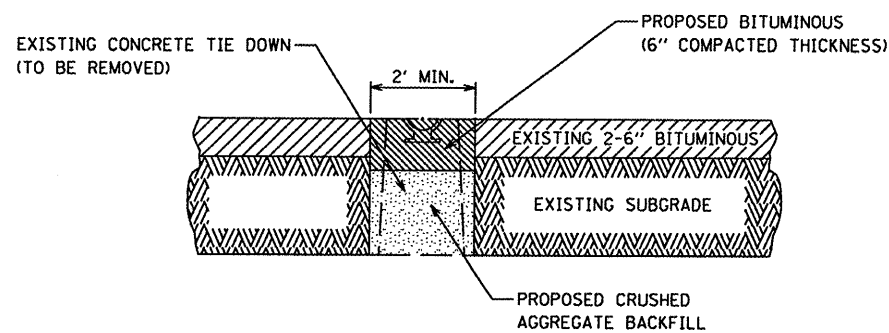


0 20 40  
GRAPHIC SCALE IN FEET



**LEGEND**

- EXISTING BUILDING
- EXISTING PAVEMENT
- PROPOSED AREA OF RESURFACING
- x EXISTING TIE DOWN (TO BE REMOVED)



**TIE DOWN REMOVAL DETAIL**  
NOT TO SCALE

TIE DOWN REMOVAL QUANTITY			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR510900	REMOVE TIE DOWN	EA.	30

**TIE DOWN REMOVAL NOTES**

THE EXISTING TIE DOWNS DESIGNATED TO BE REMOVED WILL BE REMOVED AND DISPOSED OF OFF THE AIRPORT SITE.

THE CONTRACTOR WILL SEPARATE THE TIE DOWNS TO BE REMOVED FROM THE SURROUNDING PAVEMENT PRIOR TO PULLING THE TIE DOWN OUT. REMOVAL OF THE TIE DOWN SHALL NOT CAUSE ANY DISPLACEMENT OF THE SURROUNDING PAVEMENT. ANY DISPLACEMENT WILL BE CORRECTED BY THE CONTRACTOR TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE CONTRACTOR WILL FILL THE HOLE WITH CA-16 CRUSHED AGGREGATE MATERIAL TO A DEPTH OF 6" FROM THE EXISTING GRADE LINE. THE REMAINING DEPTH WILL BE FILLED WITH BITUMINOUS SURFACE COURSE AND COMPACTED TO THE SATISFACTION OF THE RESIDENT ENGINEER.

THE REMOVAL AND DISPOSAL OF THE TIE DOWNS AND FILLING AND COMPACTING OF THE HOLE WITH CA-16 AND BITUMINOUS WILL BE PAID FOR UNDER ITEM: AR510900 "REMOVE TIE DOWN" PER EACH

FILE NAME = P:\07\0895\Design\Plans\07\0895015.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899015.dgn		
PLOT SCALE	40.0000' / IN.		
DATE	JANUARY 9, 2009		
SHEET 15 OF 40 SHEETS			
LAYOUT	MCM	03/21/08	
DRAWN	MCM	03/21/08	
REVIEWED	RHB	05/06/08	



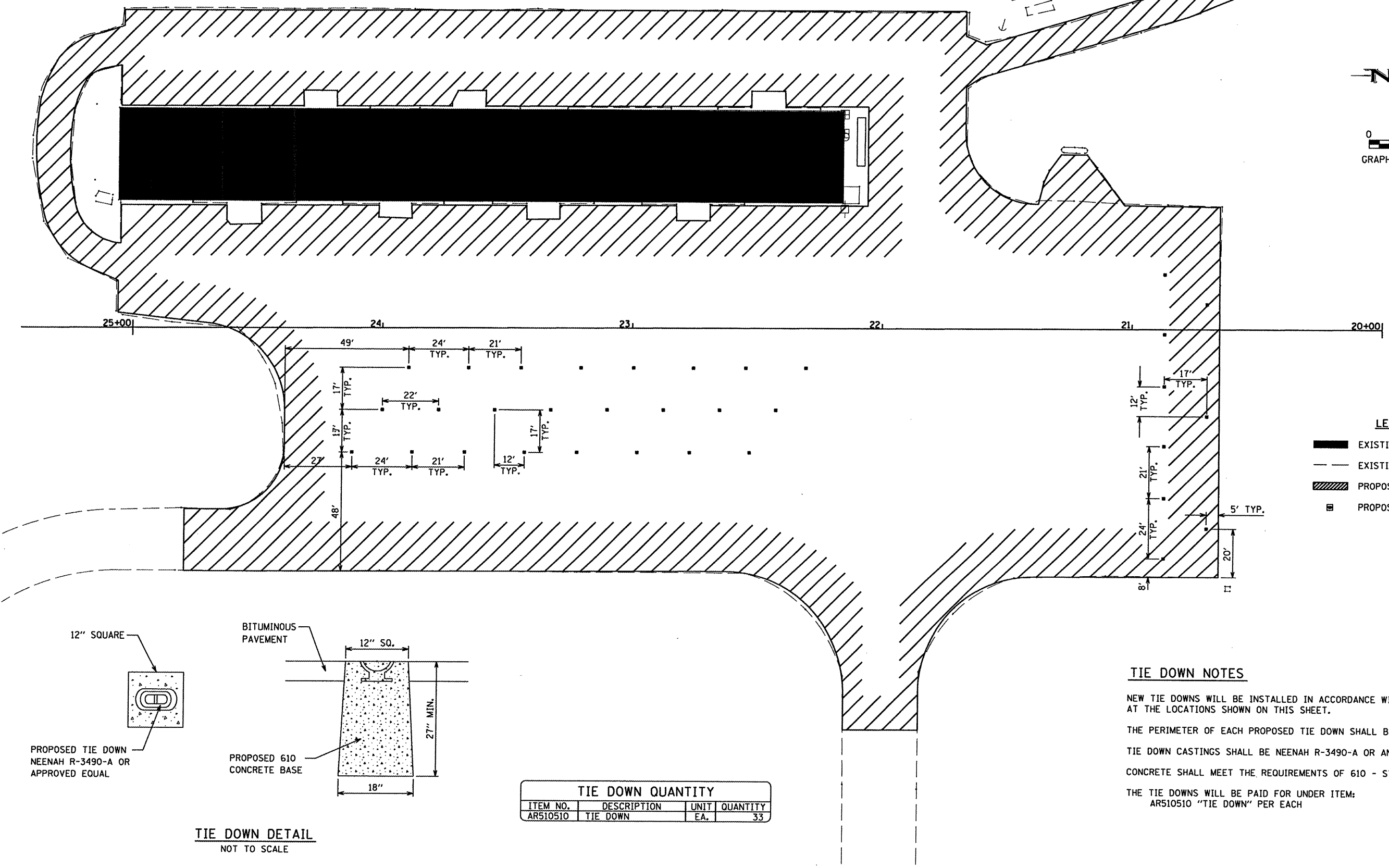
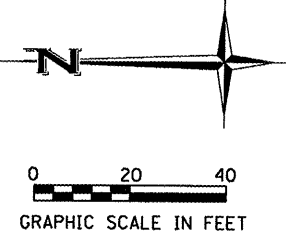
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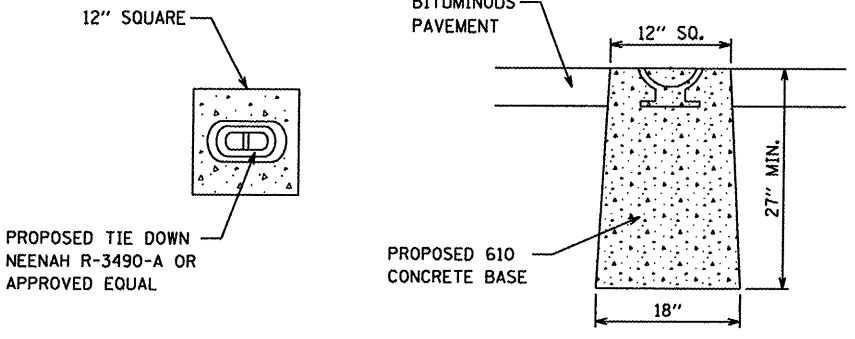
**TIE DOWN REMOVAL PLAN**

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

PROPANE  
TANK



- LEGEND**
- EXISTING BUILDING
  - EXISTING PAVEMENT
  - PROPOSED AREA OF RESURFACING
  - PROPOSED TIE DOWN



**TIE DOWN DETAIL**  
NOT TO SCALE

TIE DOWN QUANTITY			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR510510	TIE DOWN	EA.	33

**TIE DOWN NOTES**

NEW TIE DOWNS WILL BE INSTALLED IN ACCORDANCE WITH THE TIE DOWN DETAIL AT THE LOCATIONS SHOWN ON THIS SHEET.

THE PERIMETER OF EACH PROPOSED TIE DOWN SHALL BE SAWED.

TIE DOWN CASTINGS SHALL BE NEENAH R-3490-A OR AN APPROVED EQUAL.

CONCRETE SHALL MEET THE REQUIREMENTS OF 610 - STRUCTURAL CONCRETE.

THE TIE DOWNS WILL BE PAID FOR UNDER ITEM: AR510510 "TIE DOWN" PER EACH

FILE NAME: P:\07\1899\Design\Plans\071899016.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899016.dgn	
PLOT SCALE	40,0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 16 OF 40 SHEETS		
LAYOUT	MGM	03/21/08
DRAWN	MGM	03/21/08
REVIEWED	RHB	05/06/08



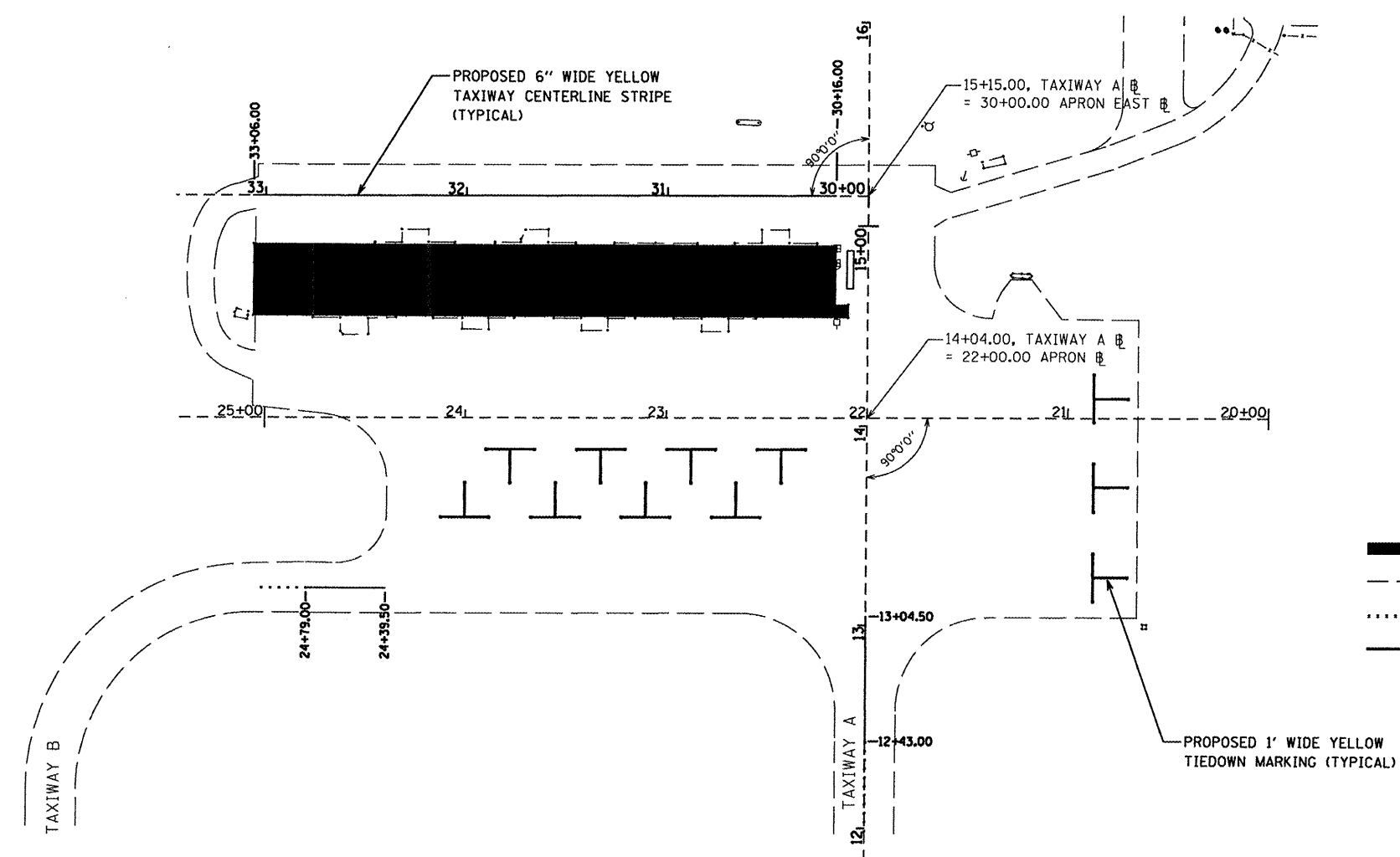
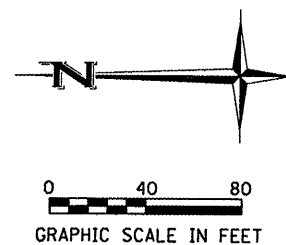
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ST. LOUIS MISSOURI

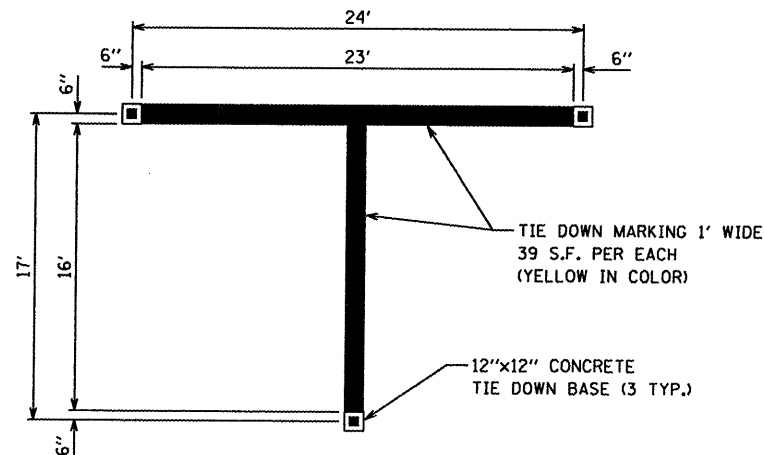
**TIE DOWN LAYOUT PLAN**

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12





- LEGEND**
- █ EXISTING BUILDING
  - EXISTING PAVEMENT
  - ..... EXISTING MARKING
  - PROPOSED MARKING



**TIE DOWN MARKING DETAIL**  
NOT TO SCALE

**MARKING NOTES**

ALL MARKINGS SHALL BE SOLID AND YELLOW IN COLOR.

ALL TAXIWAY CENTERLINE MARKINGS SHALL BE 6" IN WIDTH, ALL TIE DOWN MARKINGS SHALL BE 1" IN WIDTH AND ALL ALPHA CHARACTERS SHALL BE 2.5" IN WIDTH. ALL MARKINGS SHALL BE AS DETAILED.

ALL MARKINGS SHALL CONSIST OF TWO APPLICATIONS OF WATERBORNE PAINT AND ONE APPLICATION OF TYPE B GLASS BEADS (REFLECTIVE MEDIA). THE REFLECTIVE MEDIA WILL BE APPLIED IN THE SECOND APPLICATION OF PAINT. PAINT SHALL BE APPLIED AT THE RATE OF 115 SQ. FT./GAL. MAXIMUM PER APPLICATION. GLASS BEADS SHALL BE APPLIED AT THE RATE OF 7 LBS./GAL. OF PAINT MINIMUM.

"CUT-OFF" SHEETS SHALL BE USED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:  
AR620520 "PAVEMENT MARKING-WATERBORNE" PER SQUARE FOOT

**PAVEMENT MARKING SUMMARY**

DESCRIPTION	UNIT AREA SQ. FT.	NUMBER REQ'D	YELLOW PAINT SQ. FT.
TAXIWAY CENTERLINE MARKING	196		196
TIE DOWN MARKING	39	11	429
TOTAL			625

**PAVEMENT MARKING QUANTITY**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	625

FILE NAME = P:\0761899017.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	0761899017.dgn	
PLOT SCALE	80.0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 17 OF 40 SHEETS		
LAYOUT	MGM	04/02/08
DRAWN	MGM	04/02/08
REVIEWED	RHB	05/06/08

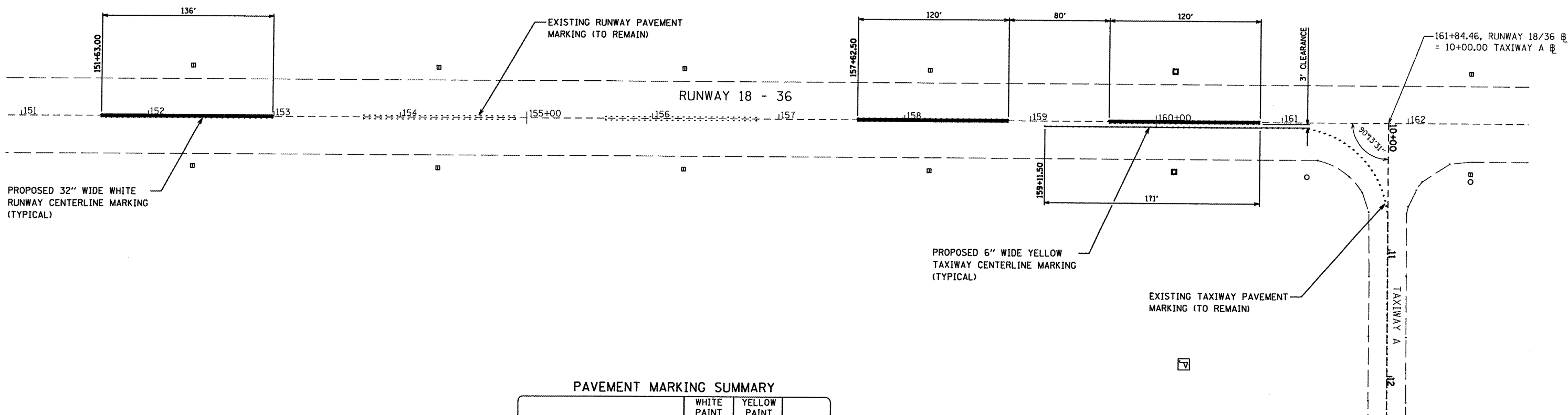
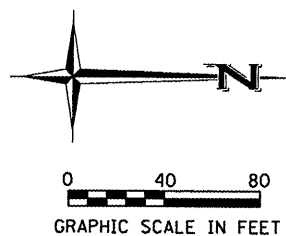


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**APRON MARKING LAYOUT PLAN**

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12



PROPOSED 32" WIDE WHITE RUNWAY CENTERLINE MARKING (TYPICAL)

PROPOSED 6" WIDE YELLOW TAXIWAY CENTERLINE MARKING (TYPICAL)

EXISTING TAXIWAY PAVEMENT MARKING (TO REMAIN)

PAVEMENT MARKING SUMMARY

DESCRIPTION	WHITE PAINT	YELLOW PAINT	SO. FT.
	SO. FT.	SO. FT.	
RUNWAY CENTERLINE MARKING	1004		
TAXIWAY CENTERLINE MARKING		86	
PAVEMENT MARKING REMOVAL			971
TOTAL	1004	86	971

MARKING NOTES

ALL TAXIWAY MARKINGS SHALL BE SOLID AND YELLOW IN COLOR. ALL RUNWAY MARKINGS SHALL BE SOLID AND WHITE IN COLOR.

ALL TAXIWAY CENTERLINE MARKINGS SHALL BE 6" IN WIDTH. ALL RUNWAY CENTERLINE MARKINGS SHALL BE 32" IN WIDTH. ALL MARKINGS SHALL BE AS DETAILED.

ALL MARKINGS SHALL CONSIST OF TWO APPLICATIONS OF WATERBORNE PAINT AND ONE APPLICATION OF TYPE B GLASS BEADS (REFLECTIVE MEDIA). THE REFLECTIVE MEDIA WILL BE APPLIED IN THE SECOND APPLICATION OF PAINT. PAINT SHALL BE APPLIED AT THE RATE OF 115 SQ. FT./GAL. MAXIMUM PER APPLICATION. GLASS BEADS SHALL BE APPLIED AT THE RATE OF 7 LBS./GAL. OF PAINT MINIMUM.

"CUT-OFF" SHEETS SHALL BE USED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM: AR620520 "PAVEMENT MARKING-WATERBORNE" PER SQUARE FOOT

THE PROPOSED MARKING REMOVAL WILL BE PAID FOR UNDER ITEM: AR620900 "PAVEMENT MARKING REMOVAL" PER SQUARE FOOT

LEGEND

- EXISTING STAKE-MOUNTED RUNWAY LIGHT
- EXISTING BASE-MOUNTED RUNWAY LIGHT
- EXISTING STAKE-MOUNTED TAXIWAY LIGHT
- EXISTING PAVEMENT
- ..... EXISTING MARKING
- PROPOSED MARKING

PAVEMENT MARKING QUANTITY

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	1090
AR620900	PAVEMENT MARKING REMOVAL	S.F.	971

FILE NAME = P:\07e1899\Design\Plans\07e1899\018.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	07e1899018.dgn	
PLOT SCALE	80,0000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 18 OF 40 SHEETS		
LAYOUT	MCM	04/21/08
DRAWN	MCM	04/21/08
REVIEWED	RHB	05/06/08



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RUNWAY MARKING LAYOUT PLAN

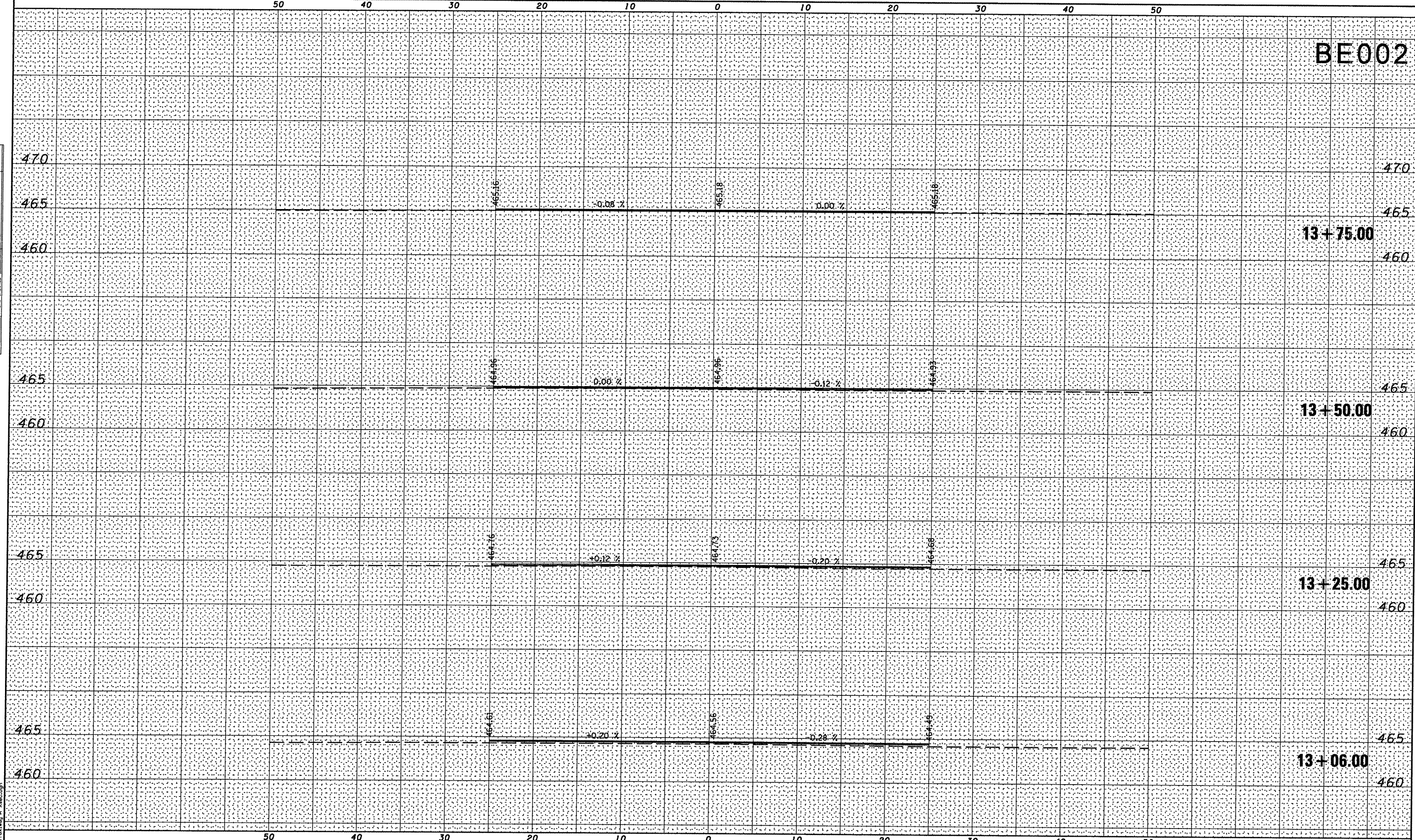
ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12



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FINAL SURVEY	
NO. BOOK	
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FILE NAME = P:\072009\072009.dwg

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Taxiway A Xsec.dgn
PLOT SCALE	10,000' / IN.
DATE	JANUARY 9, 2009
SHEET 20 OF 40 SHEETS	
LAYOUT	MGM 04/22/08
DRAWN	MGM 04/22/08
REVIEWED	RHB 05/06/08



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CROSS SECTIONS - TAXIWAY A  
STA. 13+06.00 TO STA. 13+75.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-812







BE002

465

22+50.00

460

22+25.00

465

460

22+00.00

465

460

21+75.00

465

460

21+50.00

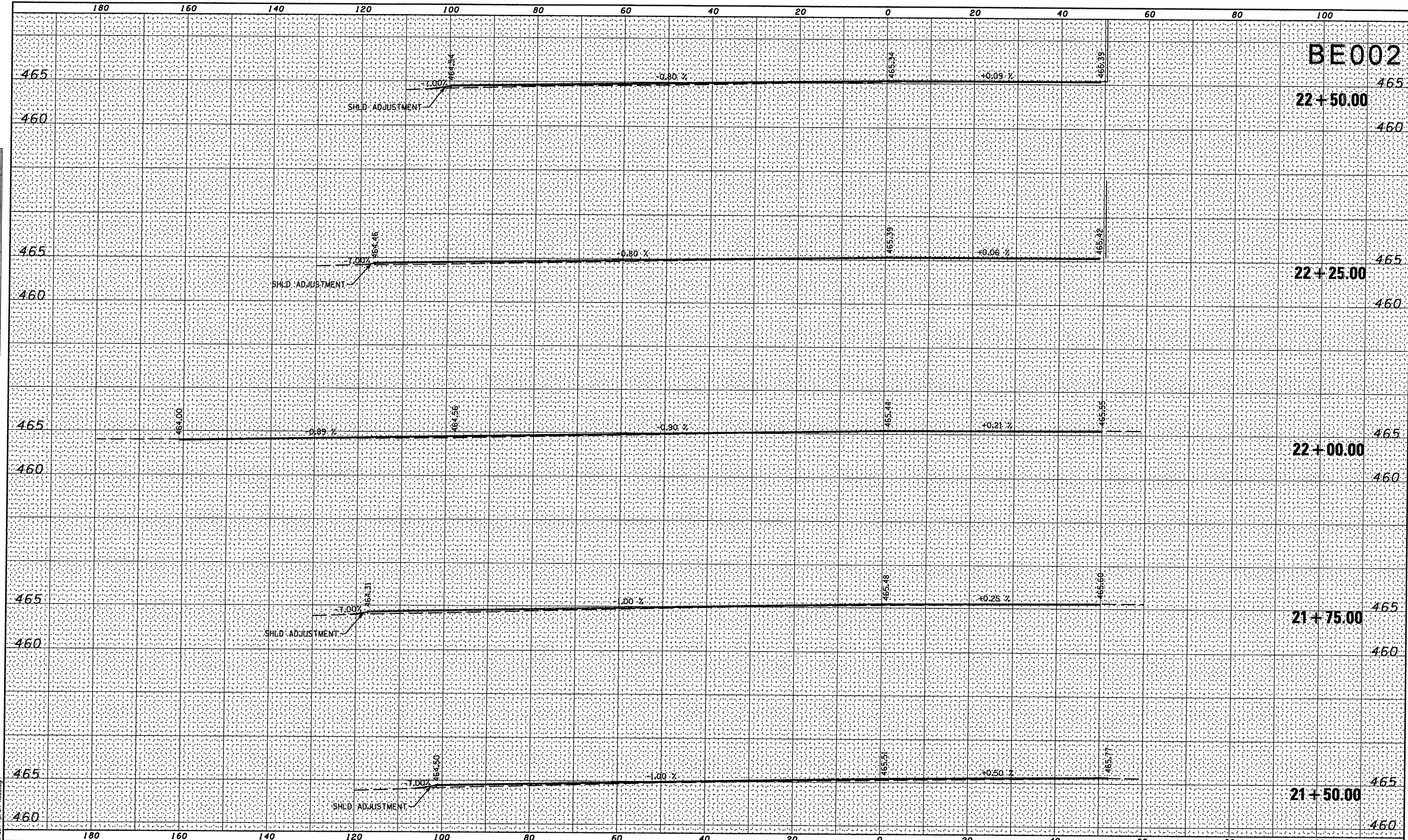
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460

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SURVEYED	BY
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NOTE BOOK	
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SURVEYED	BY
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FILE NAME = P:\07\1859\01\Main Apron Xsec.dgn



DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Main Apron Xsec.dgn	
PLOT SCALE	20,000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 24 OF 40 SHEETS		
LAYOUT	MGM	04/22/08
DRAWN	MGM	04/22/08
REVIEWED	RHB	05/06/08



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CROSS SECTIONS - MAIN APRON  
STA. 21+50.00 TO STA. 22+50.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

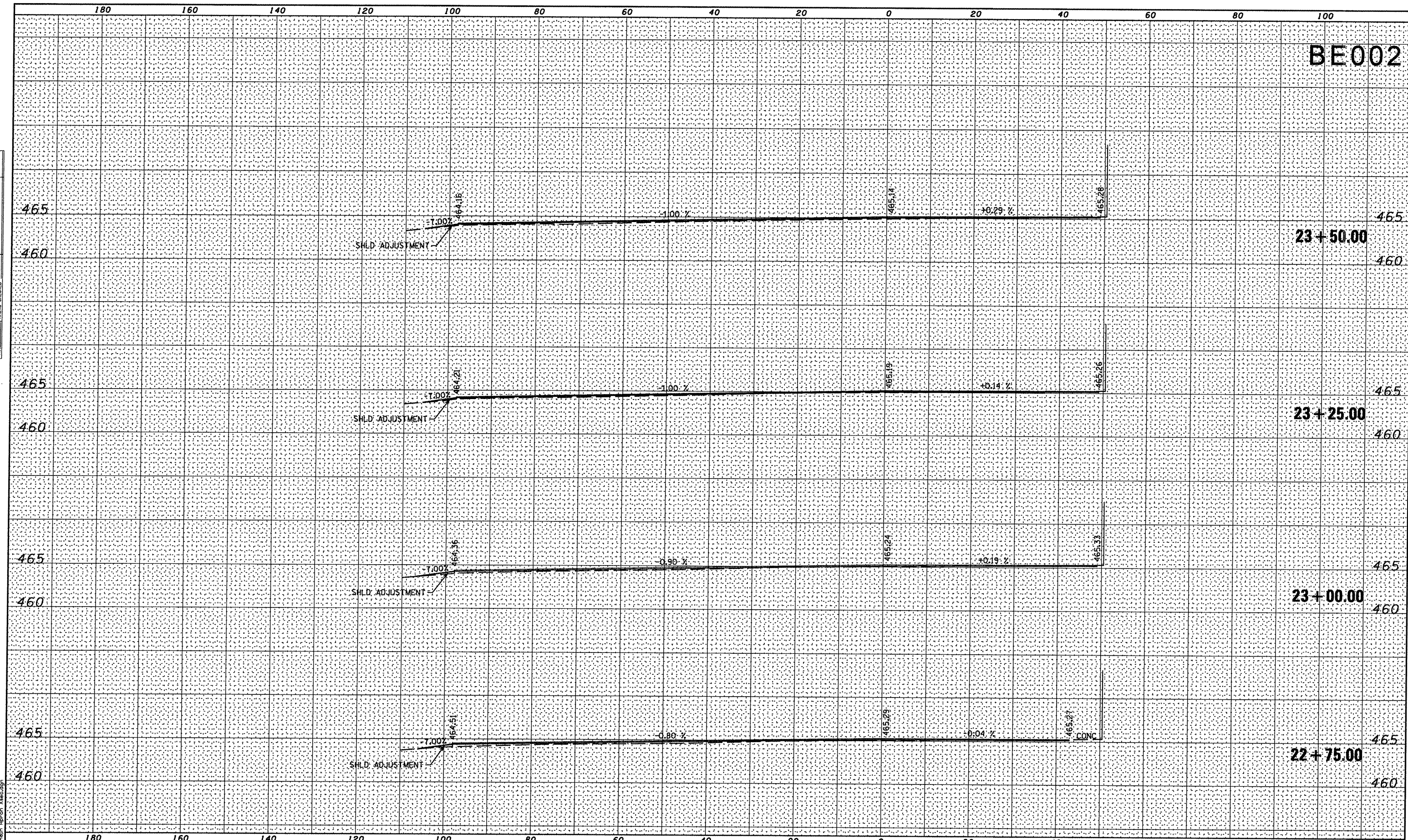


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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Main Apron Xsec.dgn
PLOT SCALE	20.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 25 OF 40 SHEETS	
LAYOUT	MGM 04/22/08
DRAWN	MGM 04/22/08
REVIEWED	RHB 05/06/08

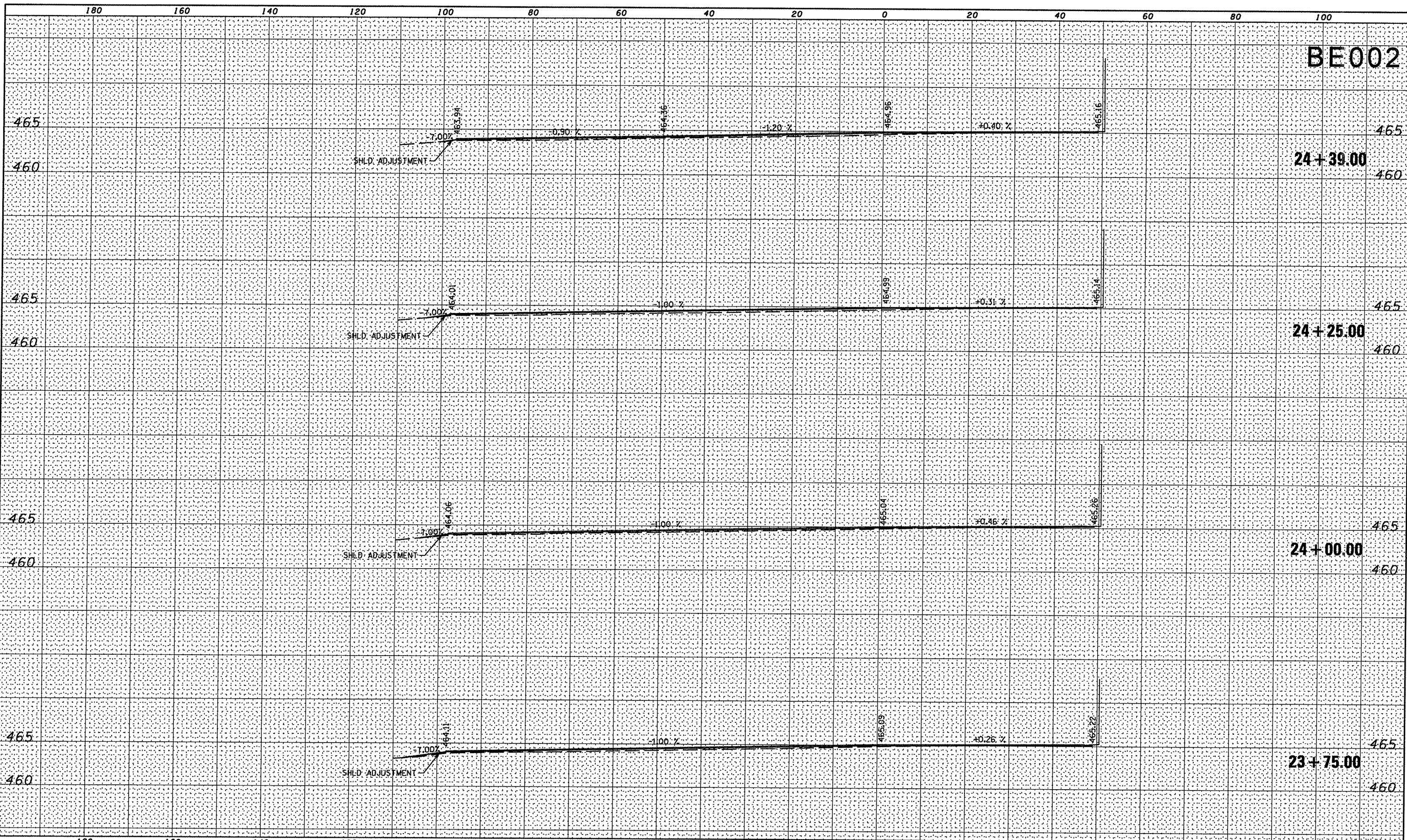


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CROSS SECTIONS - MAIN APRON  
STA. 22+75.00 TO STA. 23+50.00

ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12

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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Main Apron Xsec.dgn
PLOT SCALE	20,0000' / IN.
DATE	JANUARY 9, 2009
SHEET 26 OF 40 SHEETS	
LAYOUT	MCM 04/22/08
DRAWN	MCM 04/22/08
REVIEWED	RHB 05/06/08

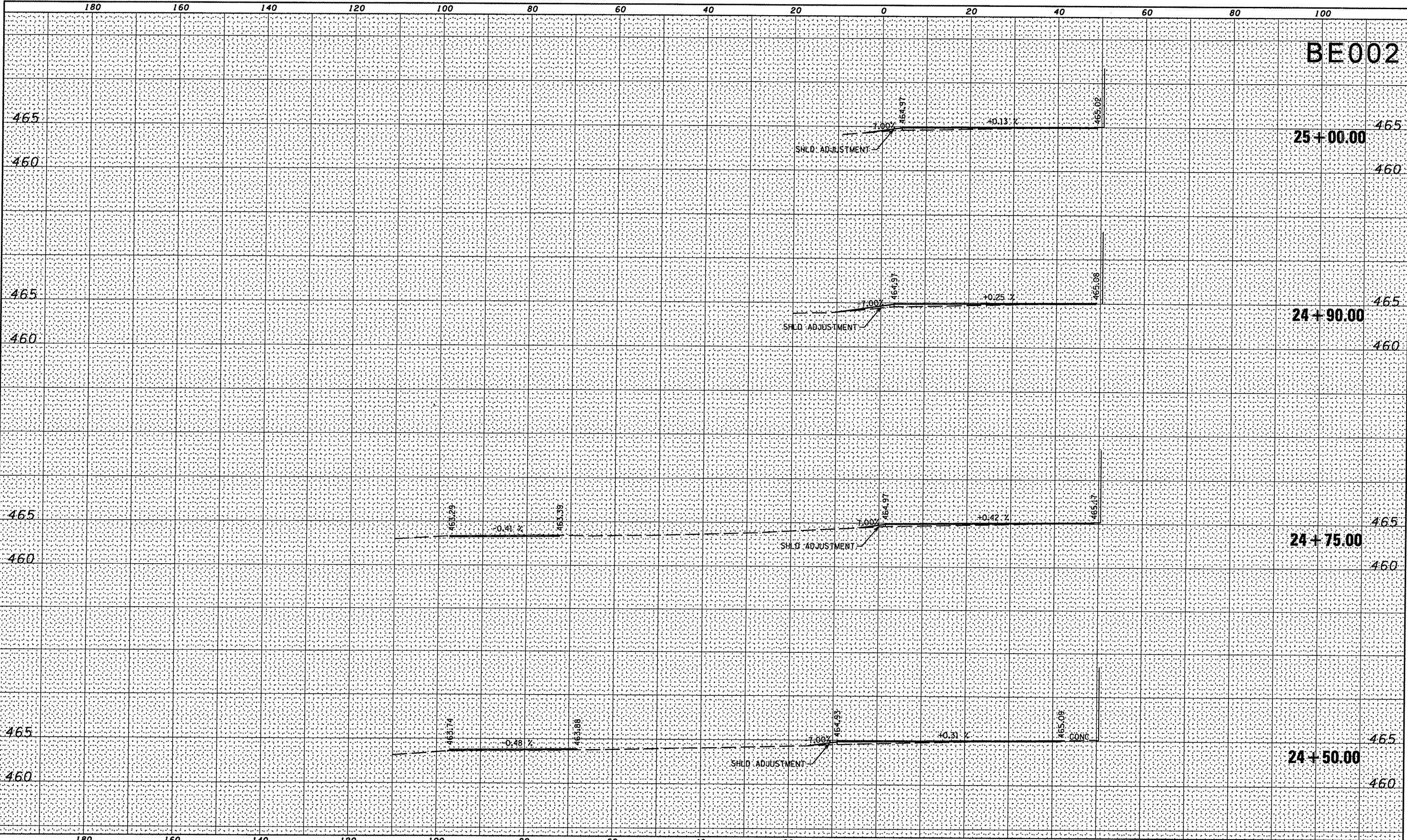


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CROSS SECTIONS - MAIN APRON  
STA. 23+75.00 TO STA. 24+39.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Main Apron Xsec.dgn
PLOT SCALE	20,0000' / IN.
DATE	JANUARY 9, 2009
SHEET 27 OF 40 SHEETS	
LAYOUT	MGM 04/22/08
DRAWN	MGM 04/22/08
REVIEWED	RHB 05/06/08



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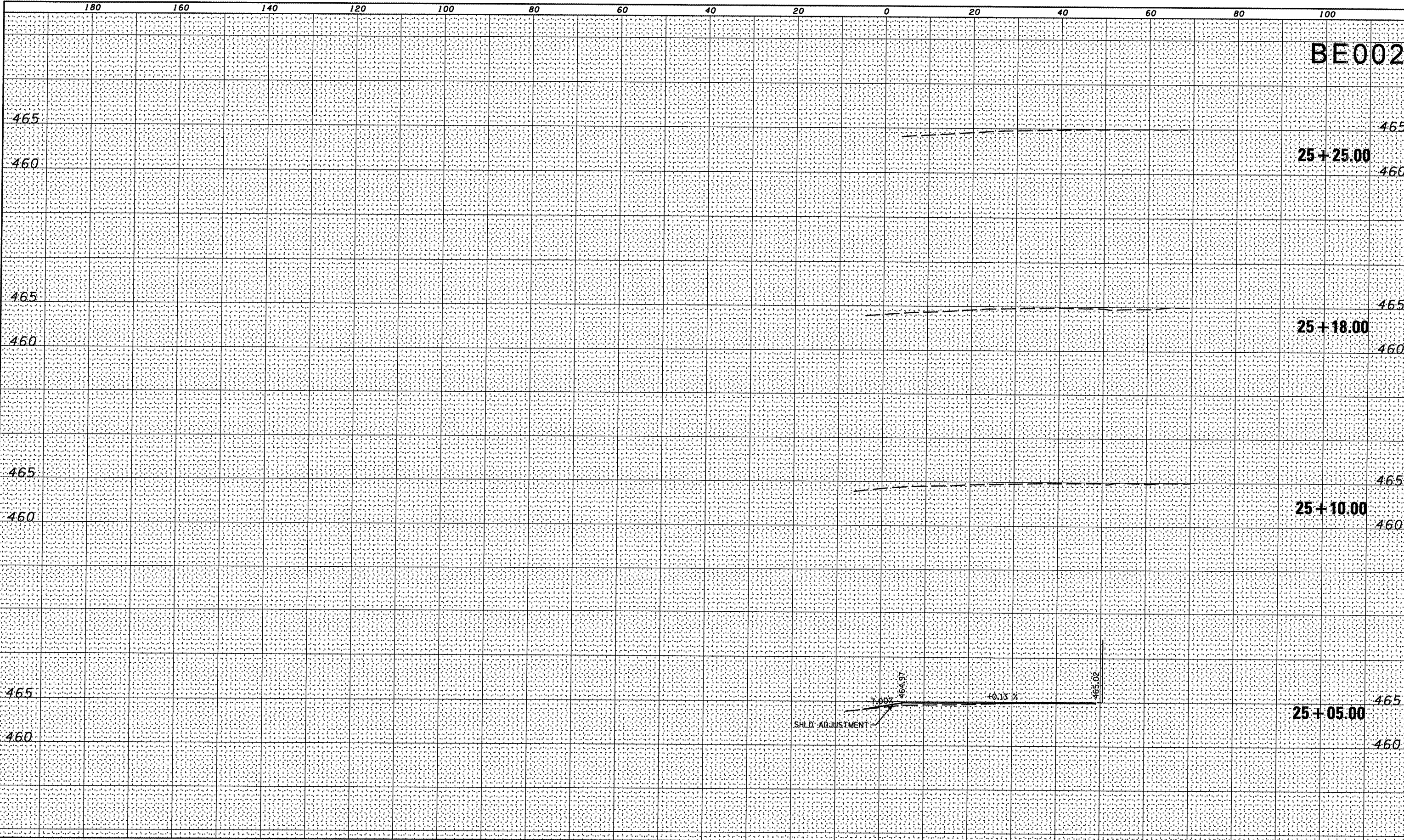
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - MAIN APRON  
STA. 24+50.00 TO STA. 25+00.00

ILL. PROJ. NO. K06-3749

A.I.P. PROJ. NO. 3-17-0004-B12

BE002



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NOTE BOOK	
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TEMPLATE	
AREAS CHECKED	

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ORIGINAL SURVEY	
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NOTE BOOK	
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TEMPLATE	
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FILE NAME = P:\B74899\Design\Plans\Main Apron Xsec.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Main Apron Xsec.dgn
PLOT SCALE	20,000' / IN.
DATE	JANUARY 9, 2009
SHEET 28 OF 40 SHEETS	
LAYOUT	MGM 04/22/08
DRAWN	MGM 04/22/08
REVIEWED	RHB 05/06/08



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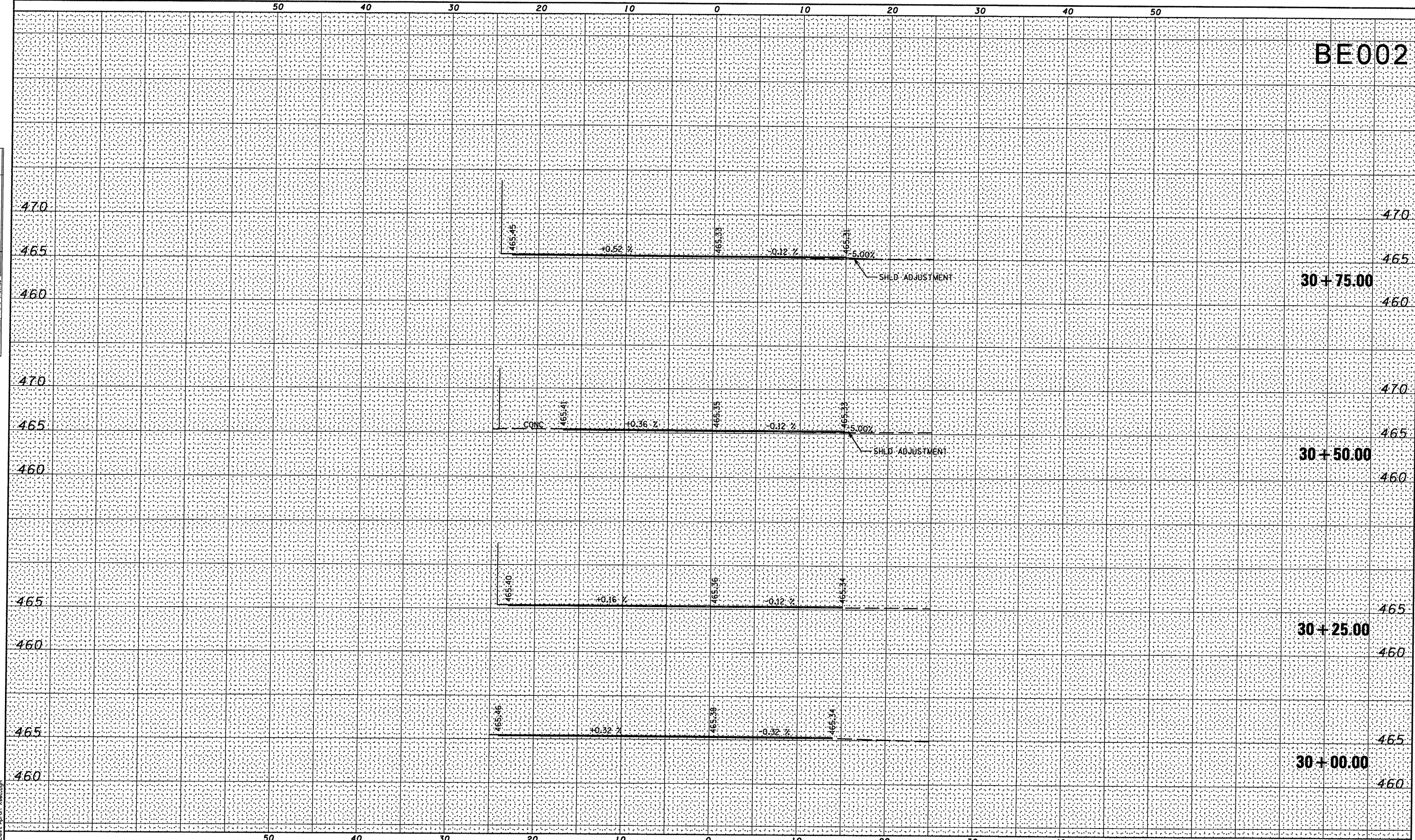
CROSS SECTIONS - MAIN APRON  
STA. 25+05.00 TO STA. 25+25.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

BE002

DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
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TEMPLATE AREAS CHECKED	
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ORIGINAL SURVEY	
NOTE BOOK NO.	
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DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

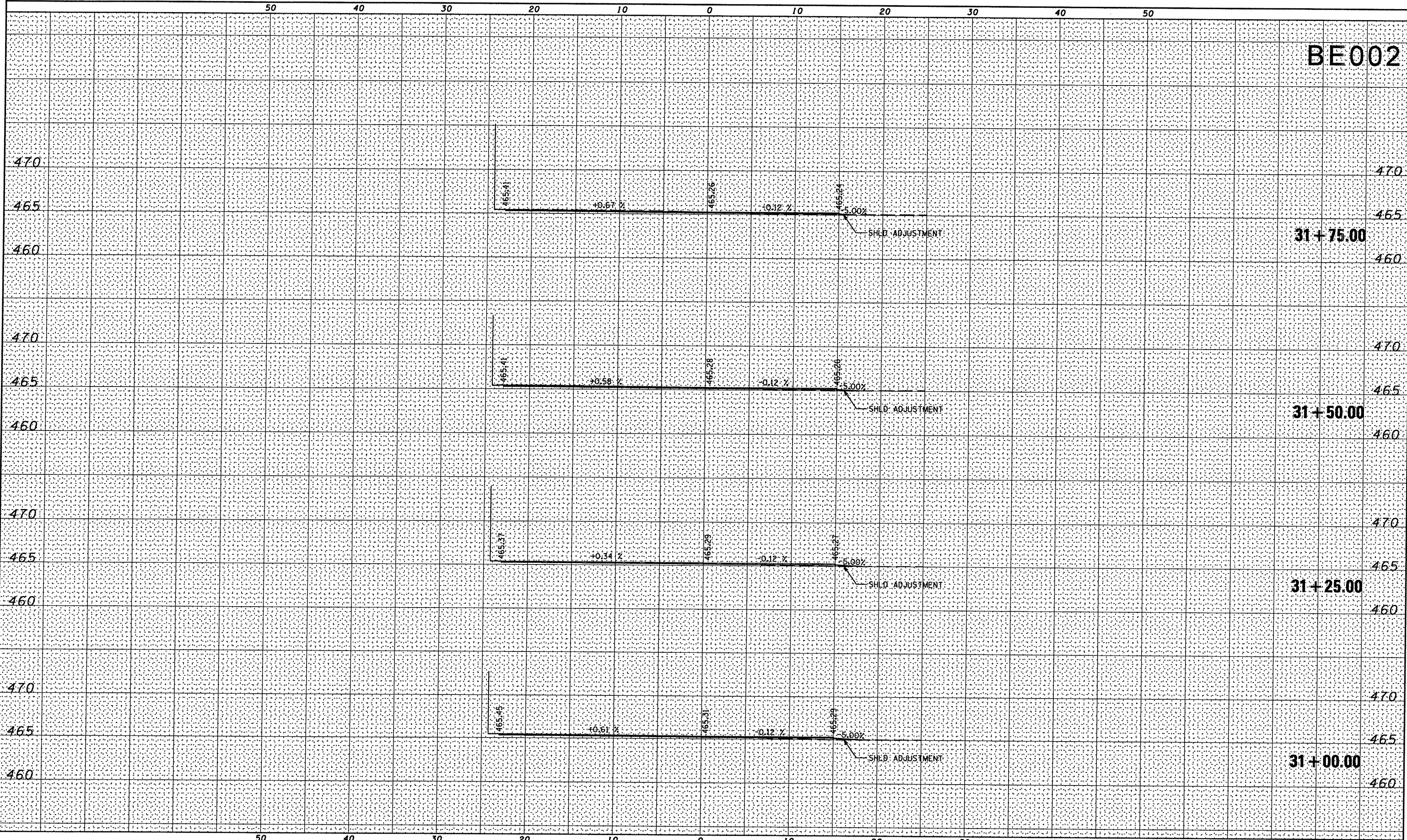
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PLOT SCALE	10,000' / IN.
DATE	JANUARY 9, 2009
SHEET 29 OF 40 SHEETS	
LAYOUT	MCM 04/24/08
DRAWN	MCM 04/24/08
REVIEWED	RHB 05/06/08



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MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - EAST APRON  
STA. 30+00.00 TO STA. 30+75.00  
ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12

BE002



DATE	
BY	
FINAL SURVEY	
NOTE BOOK NO.	
AREAS CHECKED	
PLANNED	
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TEMPLATE	
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FILE NAME = P:\07\1899\Design\Plans\East Apron Xsec.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	East Apron Xsec.dgn
PLOT SCALE	10.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 30 OF 40 SHEETS	
LAYOUT	MCM 04/24/08
DRAWN	MCM 04/24/08
REVIEWED	RHB 05/06/08



**BENTON & ASSOCIATES, INC.**  
 1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
 (217) 245-4146 (217) 245-4149 FAX

KIRKSVILLE MISSOURI  
 MACOMB ILLINOIS  
 ST. LOUIS MISSOURI

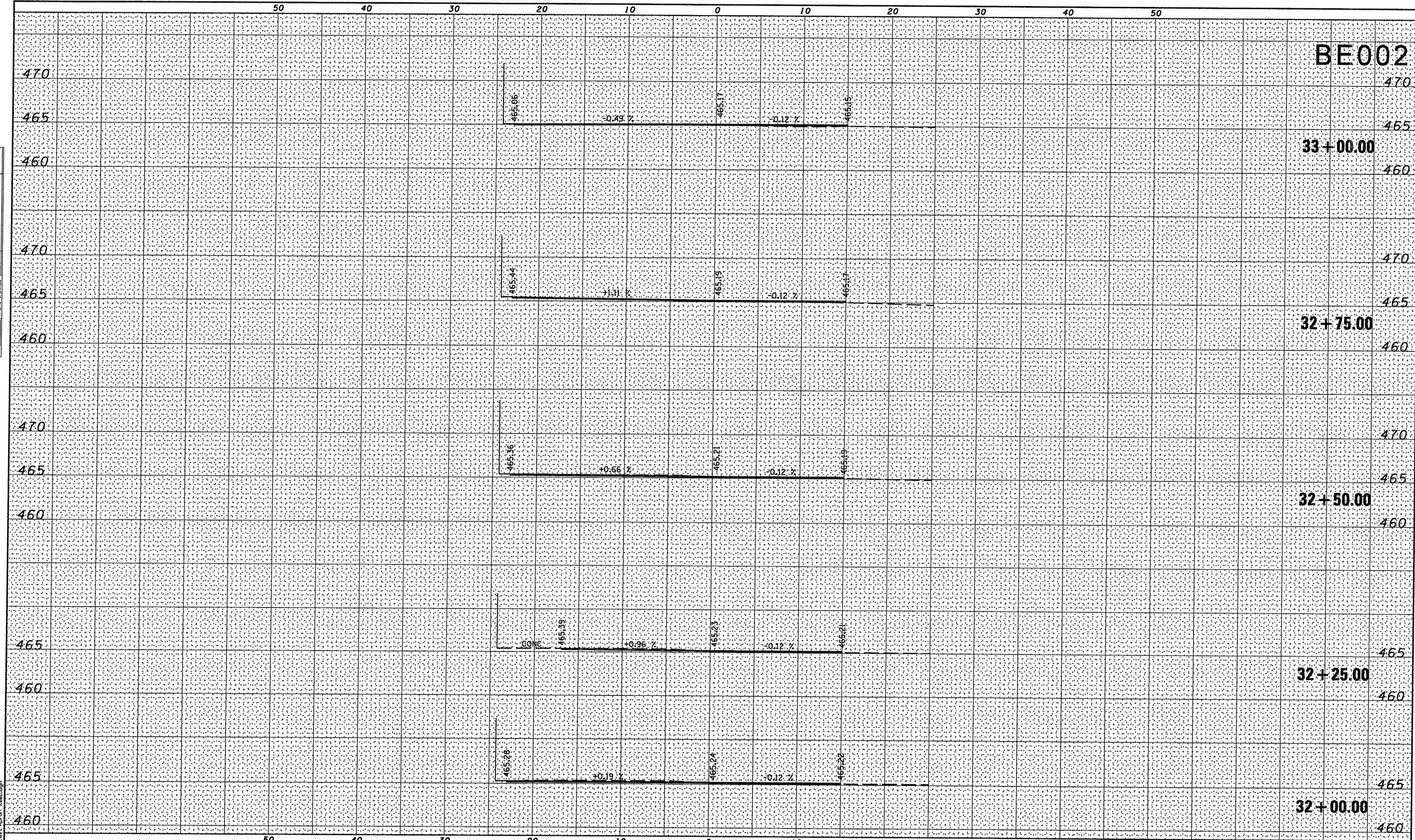
CROSS SECTIONS - EAST APRON  
STA. 31+00.00 TO STA. 31+75.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	

FILE NAME = P:\07a\899\Design\Plans\East Apron Xsec.dgn



BE002

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	East Apron Xsec.dgn
PLOT SCALE	10,000' / IN.
DATE	JANUARY 9, 2009
SHEET 31 OF 40 SHEETS	
LAYOUT	MGM 04/24/08
DRAWN	MGM 04/24/08
REVIEWED	RHB 05/06/08



**BENTON & ASSOCIATES, INC.**  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX

CROSS SECTIONS - EAST APRON  
STA. 32+00.00 TO STA. 33+00.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12





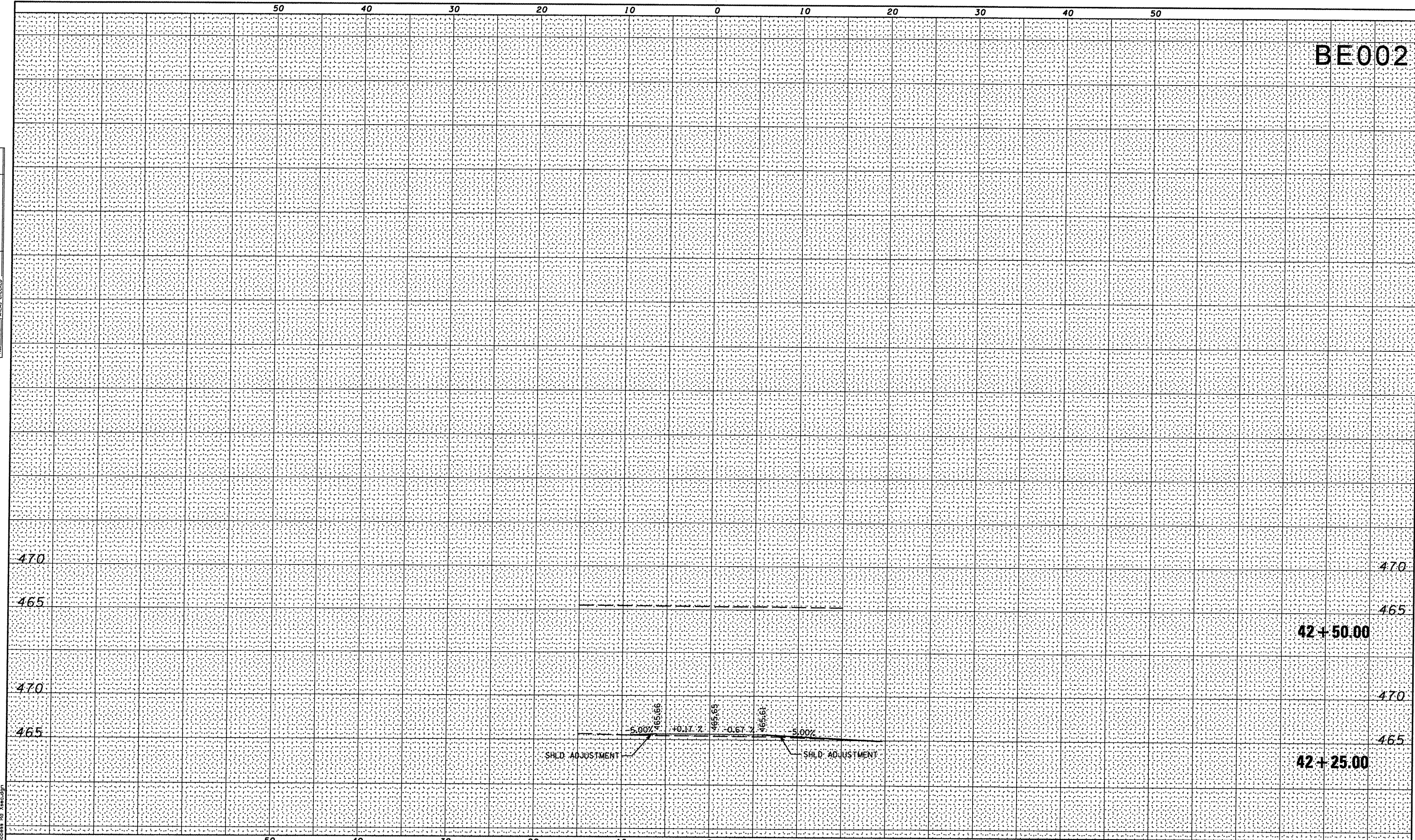




BE002

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME # P:\07\09\Access Rd Xsec.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
 CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Access Rd Xsec.dgn
PLOT SCALE	10.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 35 OF 40 SHEETS	
LAYOUT	MGM 04/25/08
DRAWN	MGM 04/25/08
REVIEWED	RHB 05/06/08



BENTON & ASSOCIATES, INC.  
 1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
 (217) 245-4146 (217) 245-4149 FAX

KIRKSVILLE MISSOURI  
 MACOMB ILLINOIS  
 ST. LOUIS MISSOURI

CROSS SECTIONS - ACCESS ROAD  
 STA. 42+00.00 TO STA. 42+50.00

ILL. PROJ. NO. K06-3749

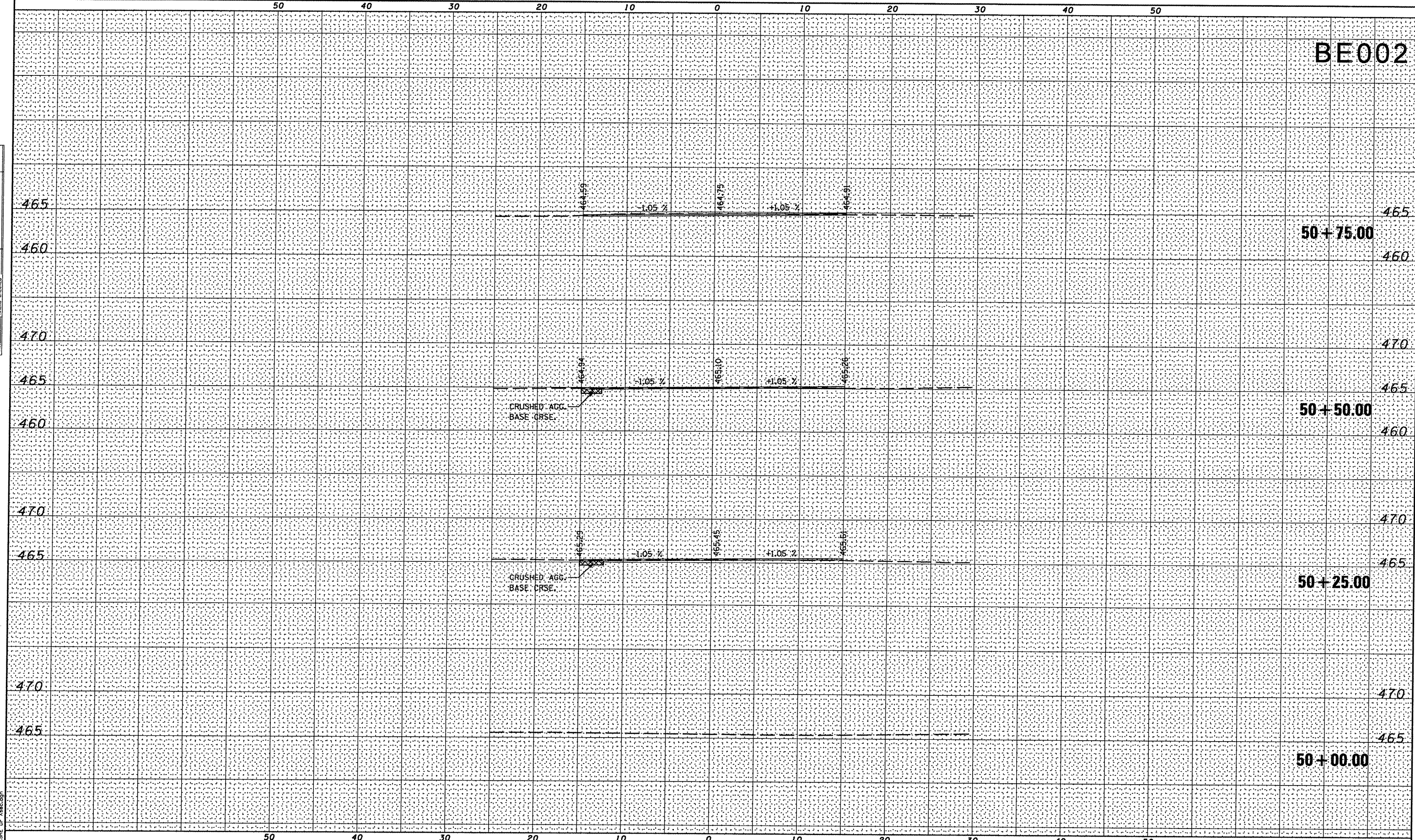
A.I.P. PROJ. NO. 3-17-0004-812

BE002

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

FILE NAME = P:\07\08\09\Design\Plans\SRE Dr Xsec.dgn



DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	SRE Dr Xsec.dgn
PLOT SCALE	10,000' / IN.
DATE	JANUARY 9, 2009
SHEET 36 OF 40 SHEETS	
LAYOUT	MCM 04/28/08
DRAWN	MCM 04/28/08
REVIEWED	RHB 05/06/08



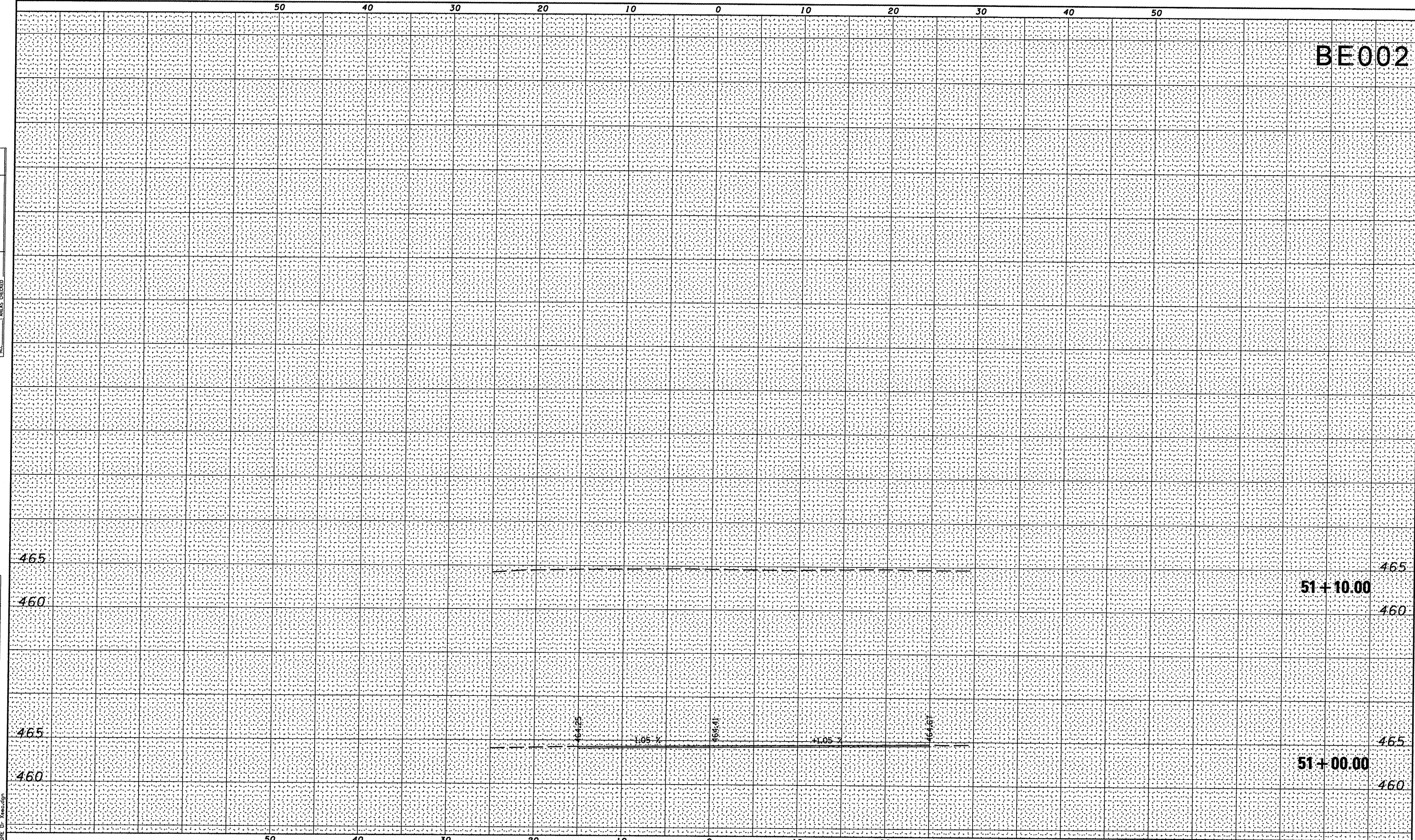
BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - SRE DRIVE  
STA. 50+00.00 TO STA. 50+75.00  
ILL. PROJ. NO. K06-3749 A.I.P. PROJ. NO. 3-17-0004-B12

BE002

DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY NOTE BOOK NO.	

DATE	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY NOTE BOOK NO.	



FILE NAME = P:\07\BentDesign\Plans\SRE Dr. Xsec.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	SRE Dr Xsec.dgn
PLOT SCALE	10.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 37 OF 40 SHEETS	
LAYOUT	MGM 04/28/08
DRAWN	MGM 04/28/08
REVIEWED	RHB 05/06/08



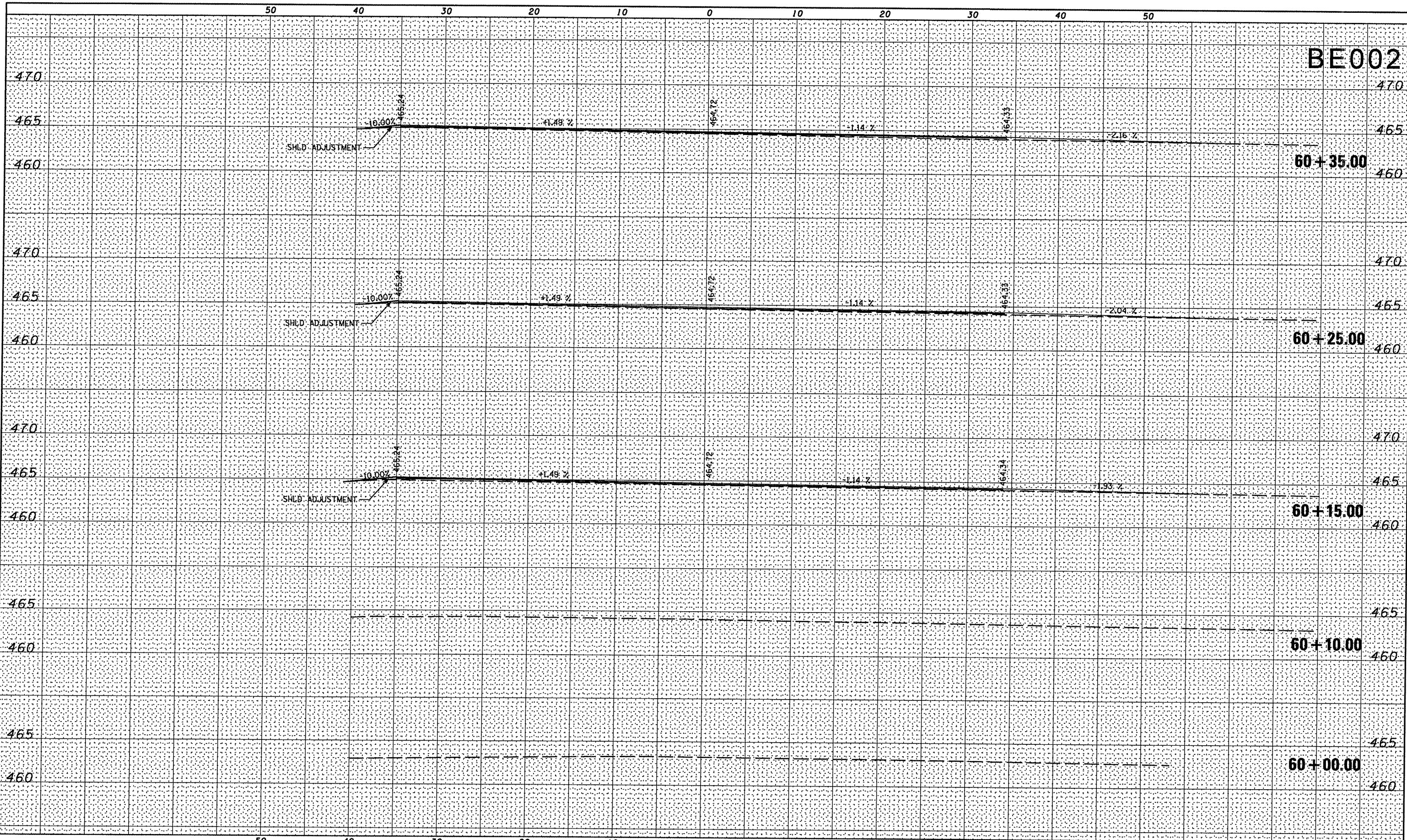
**BENTON & ASSOCIATES, INC.**  
 1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
 (217) 245-4146 (217) 245-4149 FAX  
 KIRKSVILLE MISSOURI  
 MACOMB ILLINOIS  
 ST. LOUIS MISSOURI

CROSS SECTIONS - SRE DRIVE  
 STA. 51+00.00 TO STA. 51+10.00  
 ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMPLATE	
	AREAS CHECKED	

FILE NAME = P:\07\1889\Design\Plans\Parking Area Xsec.dgn



BE002

60+35.00

60+25.00

60+15.00

60+10.00

60+00.00

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Parking Area Xsec.dgn	
PLOT SCALE	10,000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 38 OF 40 SHEETS		
LAYOUT	MCM	04/28/08
DRAWN	MCM	04/28/08
REVIEWED	RHB	05/06/08

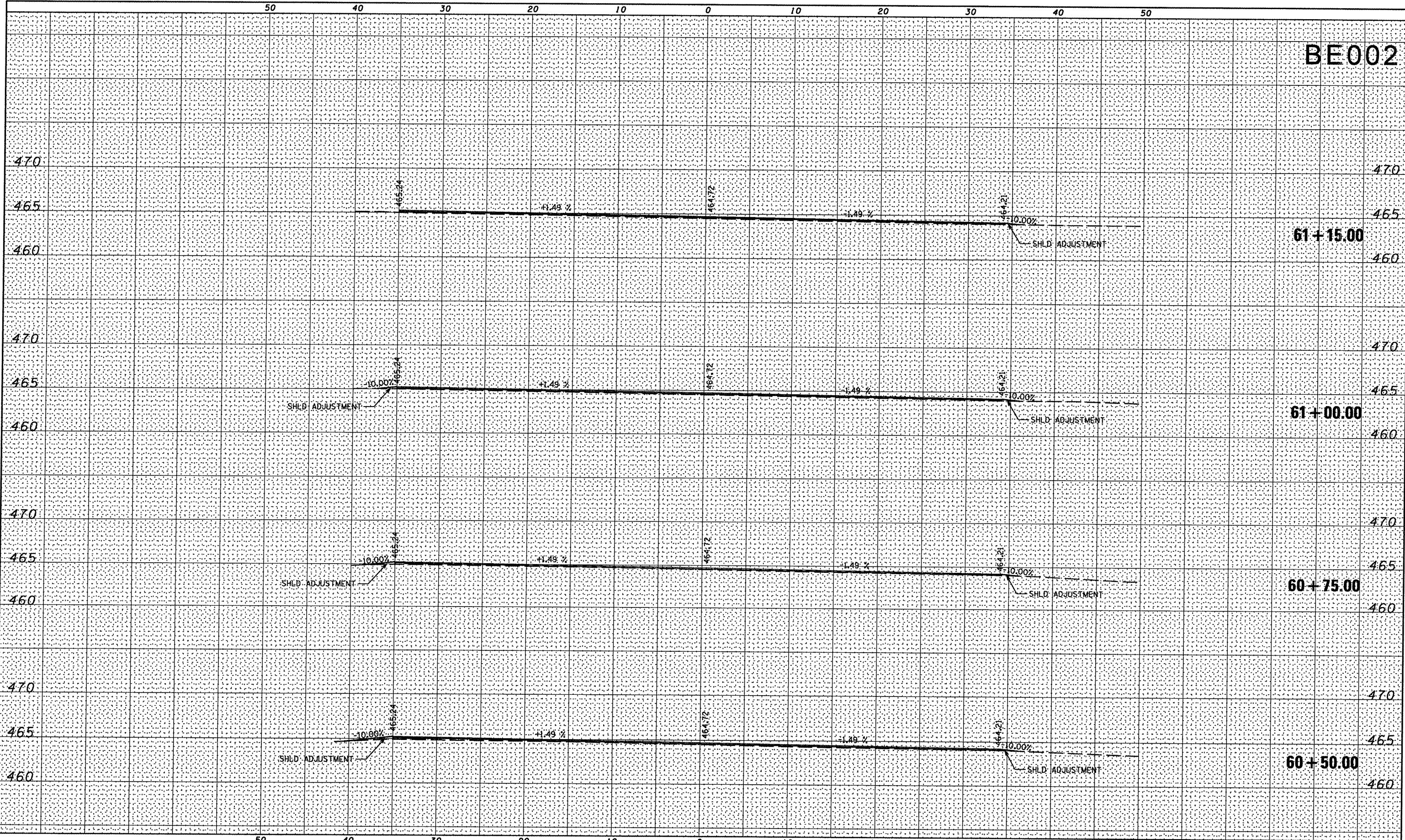


**BENTON & ASSOCIATES, INC.**  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - PARKING LOT  
STA. 60+00.00 TO STA. 60+35.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12

BE002



DATE	
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FINAL SURVEY	
NOTE BOOK	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

FILE NAME = P:\2761899\Design\Drawings\Parking Area Xsec.dgn

DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Parking Area Xsec.dgn
PLOT SCALE	10.0000' / IN.
DATE	JANUARY 9, 2009
SHEET 39 OF 40 SHEETS	
LAYOUT	MCM 04/28/08
DRAWN	MCM 04/28/08
REVIEWED	RHB 05/06/08



BENTON & ASSOCIATES, INC.  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX

KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - PARKING LOT  
STA. 60+50.00 TO STA. 61+15.00

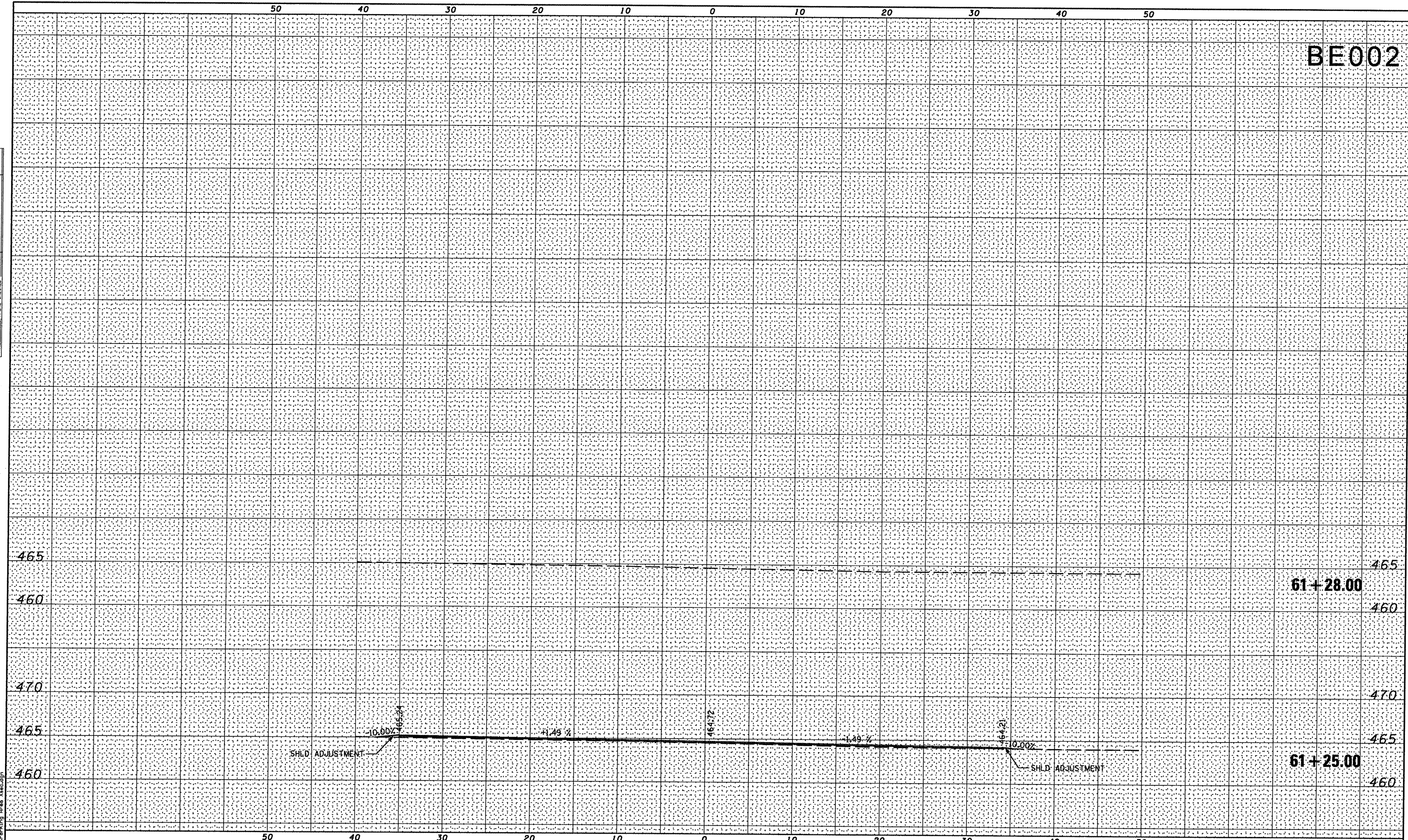
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A.I.P. PROJ. NO. 3-17-0004-B12

BE002

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	NO.		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS CHECKED		
	NO.		



DATE	REVISION

GREATER BEARDSTOWN MUNICIPAL AIRPORT  
CITY OF BEARDSTOWN, BEARDSTOWN, ILLINOIS

FILENAME	Parking Area Xsec.dgn	
PLOT SCALE	10,000' / IN.	
DATE	JANUARY 9, 2009	
SHEET 40 OF 40 SHEETS		
LAYOUT	MCM	04/28/08
DRAWN	MCM	04/28/08
REVIEWED	RHB	05/06/08



**BENTON & ASSOCIATES, INC.**  
1970 W. LAFAYETTE AVE., JACKSONVILLE IL 62650  
(217) 245-4146 (217) 245-4149 FAX  
KIRKSVILLE MISSOURI  
MACOMB ILLINOIS  
ST. LOUIS MISSOURI

CROSS SECTIONS - PARKING LOT  
STA. 61+25.00 TO STA. 61+28.00

ILL. PROJ. NO. K06-3749      A.I.P. PROJ. NO. 3-17-0004-B12