

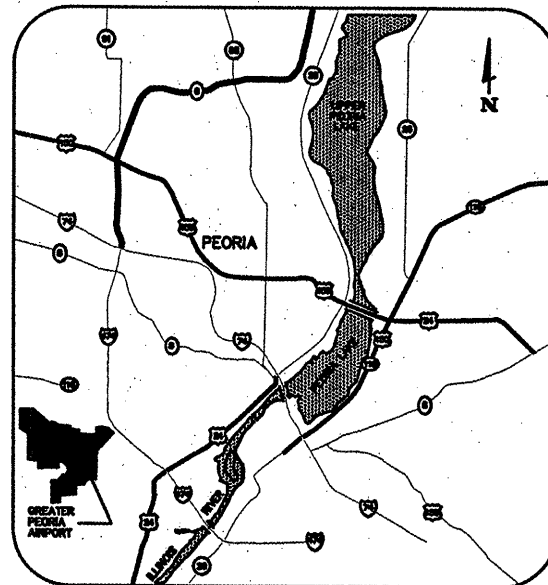
CONSTRUCTION PLANS FOR

GREATER PEORIA REGIONAL AIRPORT

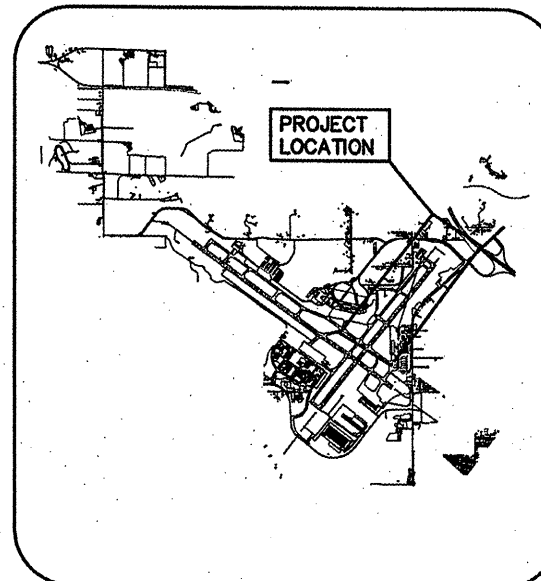
AIP PROJECT NO. 3-17-0080-XX
ILLINOIS PROJECT NO.: PIA-3763

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

APRIL 24, 2008



LOCATION MAP



SITE PLAN

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MAXIMUM EQUIPMENT HEIGHT = 25'
GROUND FREQUENCY 121.85

CALL J.U.L.I.E.
BEFORE EXCAVATING
1-800-892-0123
GREATER PEORIA REGIONAL AIRPORT

TOWNSHIP: 8 NORTH
RANGE: 7 EAST
COUNTY: PEORIA
TOWNSHIP: LIMESTONE



METROPOLITAN AIRPORT
AUTHORITY OF PEORIA
GREATER PEORIA REGIONAL AIRPORT
PEORIA, ILLINOIS

APPROVED *[Signature]*
DATE 4/23/08

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■ COLUMBUS, OH ■ INDIANAPOLIS, IN

SUBMITTED BY *[Signature]*
DATE 4.24.08
CM&T JOB NUMBER 070610400


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**GREATER PEORIA REGIONAL AIRPORT
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1
FINAL ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST**


Item #	Description	Unit	Quantity	Approved Revisions
AR108158	1/C #8 5KV UG Cable in UD	LF	550	
AR110014	4" Directional Bore	LF	140	
AR110501	1-Way Conc. Encased Duct	LF	40	
AR125415	MITL-Base Mounted	EA	2	
AR125420	Taxiway Light Inpavement	EA	3	
AR125902	Remove Base Mounted Light	EA	10	
AR125904	Remove Taxi Guidance Sign	EA	1	
AR151450	Clearing and Grubing	AC	1.3	
AR152410	Unclassified Excavation	CY	78,875	
AR156510	Silt Fence	LF	6,176	
AR156511	Ditch Check	EA	16	
AR156512	Bales	EA	136	
AR162510	Class E Fence 10'	LF	11,650	
AR162604	Class E Gate - 4'	EA	1	
AR162624	Class E Gate - 24'	EA	1	
AR162626	Class E Gate - 26'	EA	1	
AR162718	Electrical Gate - 18'	EA	3	
AR162724	Electrical Gate - 24'	EA	2	
AR162900	Remove Class E Fence	LF	11,440	
AR162908	Remove Electric Gate	EA	4	
AR162910	Remove Class E Gate	EA	5	
AR201610	Bituminous Base Course	TON	3,525	
AR201630	Bituminous Base Test Section	EA	1	
AR209612	Crushed Aggregate Base Coarse - 12"	SY	31,802	
AR401610	Bituminous Surface Course	TON	3,410	
AR401630	Bituminous Surface Test Section	EA	1	
AR401900	Remove Bituminous Pavement	SY	11,515	
AR602510	Bituminous Prime Coat	GAL	9,517	
AR603510	Bituminous Tack Coat	GAL	2,600	
AR620510	Pavement Marking	SF	17,312	
AR701512	12" RCP, Class IV	LF	125	
AR701515	15" RCP, Class IV	LF	415	
AR701518	18" RCP, Class IV	LF	608	
AR701524	24" RCP, Class IV	LF	511	
AR701530	30" RCP, Class IV	LF	168	
AR701536	36" RCP, Class IV	LF	52	
AR701719	RCEP Span 38" Rise 24"	LF	141	
AR701900	Remove Pipe	LF	241	
AR751410	Inlet	EA	19	
AR751560	Manhole 6'	EA	2	
AR751567	Manhole 7'	EA	2	
AR751900	Remove Inlet	EA	2	
AR752412	Precast Reinforced Concrete FES 12"	EA	4	
AR752424	Precast Reinforced Concrete FES 24"	EA	1	
AR752730	Precast Reinforced Concrete FES Eq. Round Size 30"	EA	2	
AR752900	Remove End Section	EA	13	
AR754410	Comb. Concrete Curb and Gutter	LF	395	
AR754904	Remove Comb. Curb and Gutter	LF	570	
AR800353	Access Controls	L.S.	1	
AR800396	Gate Operator Modifications	EA	1	
AR800397	Temporary Fence	L.S.	1	
AR800399	6" High Concrete Median	S.Y.	6	
AR901510	Seeding	AC	16.0	
AR908510	Mulching	AC	16.0	
AR910200	Roadway Sign	EA	5	
AR910400	Guardrail	LF	1,775.0	

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2'
AT FULL SCALE (3-4X222).
PLOT 1



**CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1**



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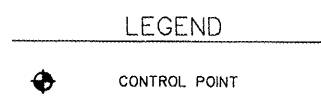
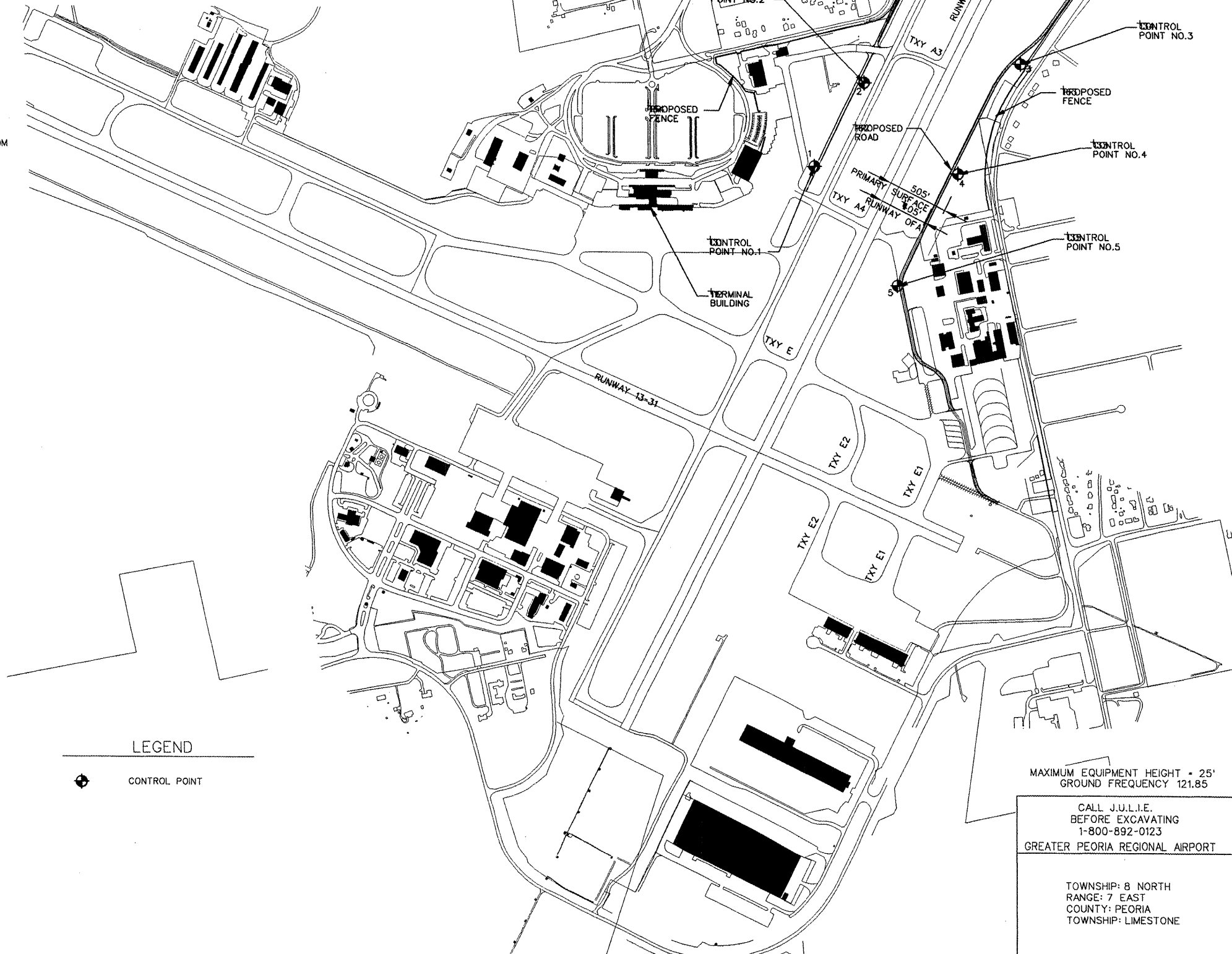
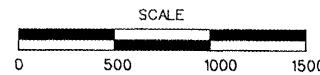
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APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

SUMMARY OF QUANTITIES
SHEET 2 OF 140 SHEETS

GENERAL NOTES

- 1.) ALL RUNWAYS, TAXIWAYS AND APRONS SHALL BE KEPT OPEN TO AIRCRAFT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED ON THE CONSTRUCTION ACTIVITY PLAN.
- 2.) ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING RUNWAYS, TAXIWAYS AND APRONS OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY A FLAGMAN IN RADIO CONTACT WITH FAA AIR TRAFFIC CONTROL TOWER PERSONNEL AT ALL TIMES.
THE CONTRACTOR SHALL PROVIDE HIS OWN RADIOS AND FLAGMEN. ALL VEHICLES SHALL HAVE ORANGE AND WHITE AVIATION FLAGS.
- 3.) REFER TO THE CONSTRUCTION ACTIVITY PLAN AND THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS CONCERNING COORDINATION OF CONSTRUCTION ACTIVITIES.
- 4.) WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT DIRECTOR.
- 5.) THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN.
- 6.) BROKEN CONCRETE, BROKEN ASPHALT & OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR OFF OF AIRPORT PROPERTY.
- 7.) VEHICLES AND EQUIPMENT SHALL NOT BE ALLOWED WITHIN AREAS 100' OF AN ACTIVE TAXIWAY CENTERLINE AND 200' OF AN ACTIVE RUNWAY CENTERLINE.
- 8.) ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND AIRPORT DIRECTOR. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- 9.) EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT DIRECTOR.
- 10.) THE CONTRACTOR SHALL THOROUGHLY CLEAN ALL CONSTRUCTION AREAS WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF THE ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED.
- 11.) THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES AND F.A.A. UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY AND F.A.A. OF HIS OPERATIONAL PLANS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR DETAILED INFORMATION AND ASSISTANCE IN LOCATING UTILITIES. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY, F.A.A., THE OWNER AND THE ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER AND THE ENGINEER.
- 12.) CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
 - A) CONTRACTOR ACCESS STAGING AND STORAGE AREAS SHALL BE AS SHOWN ON THIS SHEET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ACCESS ROADS WITH THE APPROPRIATE AGENCY RESPONSIBLE FOR THE ROADWAYS.
 - B) CONTRACTOR'S PERSONNEL SHALL PARK IN AREA SHOWN FOR CONTRACTOR'S PERSONNEL PARKING. ALL PERSONNEL WHO WILL BE ON THE AIRFIELD WILL BE REQUIRED TO SUBMIT FOR A FIVE YEAR BACKGROUND CHECK AND FAA SECURITY BADGE PROCESS AS DIRECTED BY AIRPORT DIRECTOR.
 - C) DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAKE PROVISIONS FOR ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK.
 - D) IF THE CONTRACTOR CHOOSES TO LEAVE THE GATE OPEN DURING WORKING HOURS, HE SHALL POST A COMPETENT SECURITY GUARD TO PREVENT UNAUTHORIZED ENTRIES. THE CONTRACTOR SHALL REPLACE ANY UNSATISFACTORY SECURITY GUARDS IF SO DIRECTED BY THE AIRPORT.
 - E) A LIST OF AUTHORIZED PERSONNEL PERMITTED TO USE THE ACCESS GATE SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER.
 - F) THE CONTRACTOR SHALL PROVIDE A SIGN AT THE ACCESS GATE SAYING "AUTHORIZED PERSONNEL ONLY".
 - G) THE CONTRACTOR SHALL VERIFY THAT THE GATE IS CLOSED AND LOCKED UPON LEAVING THE SITE. KEY SHALL BE PROVIDED TO AIRPORT SECURITY OFFICE.
 - H) THROUGHOUT THE DURATION OF THE CONTRACT, ANY DAMAGE TO THE ACCESS RD., ACCESS GATE OR FENCING ADJACENT TO THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER.
 - I) ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - J) THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS TO NOT PENETRATE THE PART 77 SURFACES.
- 13.) THE MAXIMUM CONSTRUCTION EQUIPMENT HEIGHT IS 25'.



CONTROL POINT DATA

POINT NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1,456,756.76	2,430,101.04	650.78	IRON PIN
2	1,457,349.42	2,430,659.68	654.05	IRON PIN
3	1,457,239.11	2,431,980.44	659.08	IRON PIN
4	1,456,452.04	2,431,278.26	655.76	IRON PIN
5	1,455,650.09	2,430,583.90	651.76	IRON PIN

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34x22).
PLOT 1

GREATER Peoria REGIONAL Airport
 CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343 AIP PROJ: 3327-0080-XX
FILE: ... \Draw\Sheets\003_SitePlan.dgn
DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
SITE PLAN
SHEET 3 OF 140 SHEETS

MAXIMUM EQUIPMENT HEIGHT = 25'
 GROUND FREQUENCY 121.85
 CALL J.U.L.I.E.
 BEFORE EXCAVATING
 1-800-892-0123
 GREATER PEORIA REGIONAL AIRPORT

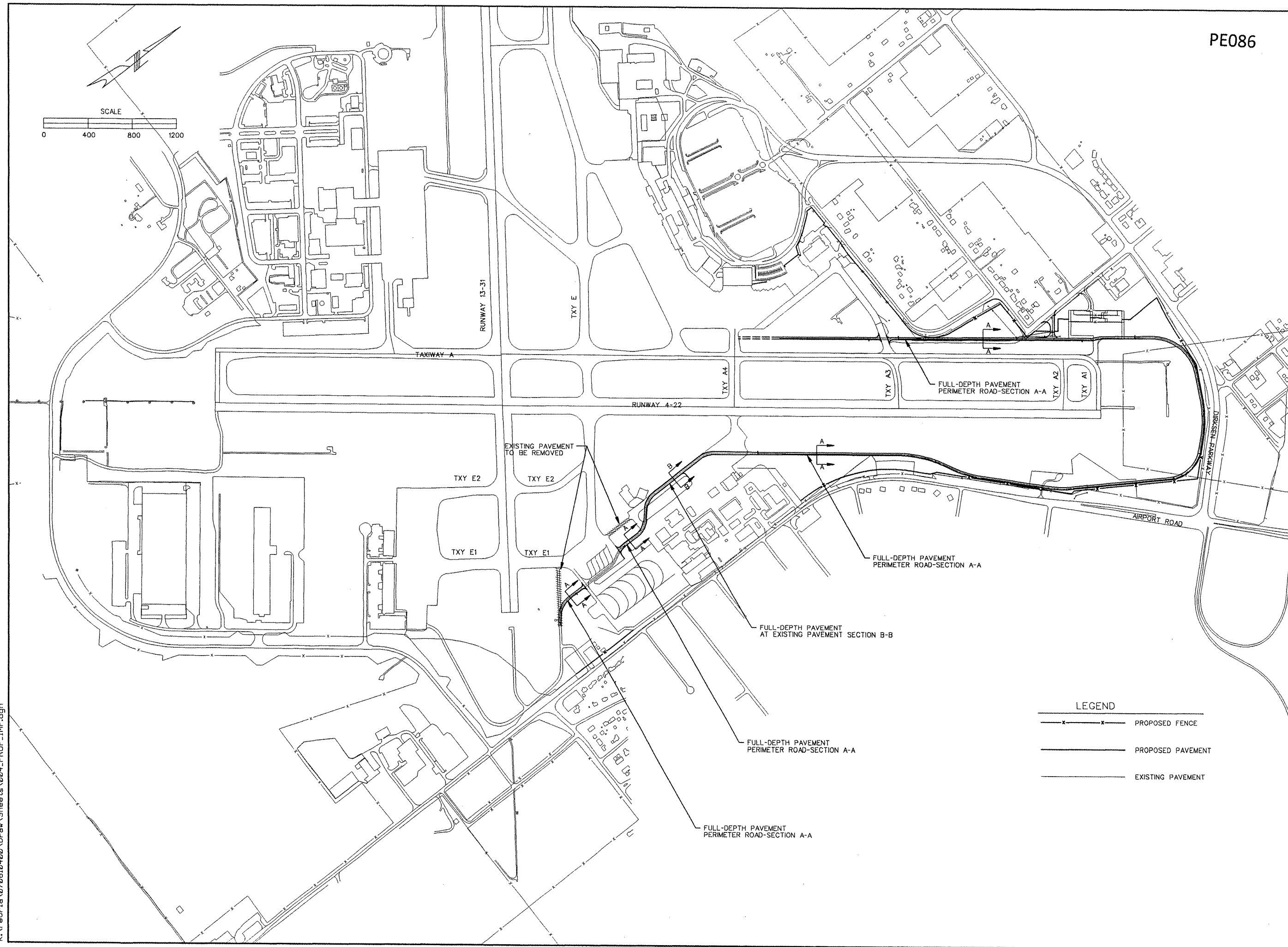
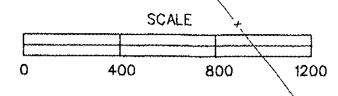
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 RANGE: 7 EAST
 COUNTY: PEORIA
 TOWNSHIP: LIMESTONE

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PE086

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



LEGEND

	PROPOSED FENCE
	PROPOSED PAVEMENT
	EXISTING PAVEMENT

GREATER
PERIOTIG
 REGIONAL
 AIRPORT

CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1

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 APPROVED BY: CET
 DATE: APRIL 24, 2008
 JOB No: 0706104

PROPOSED
 IMPROVEMENTS

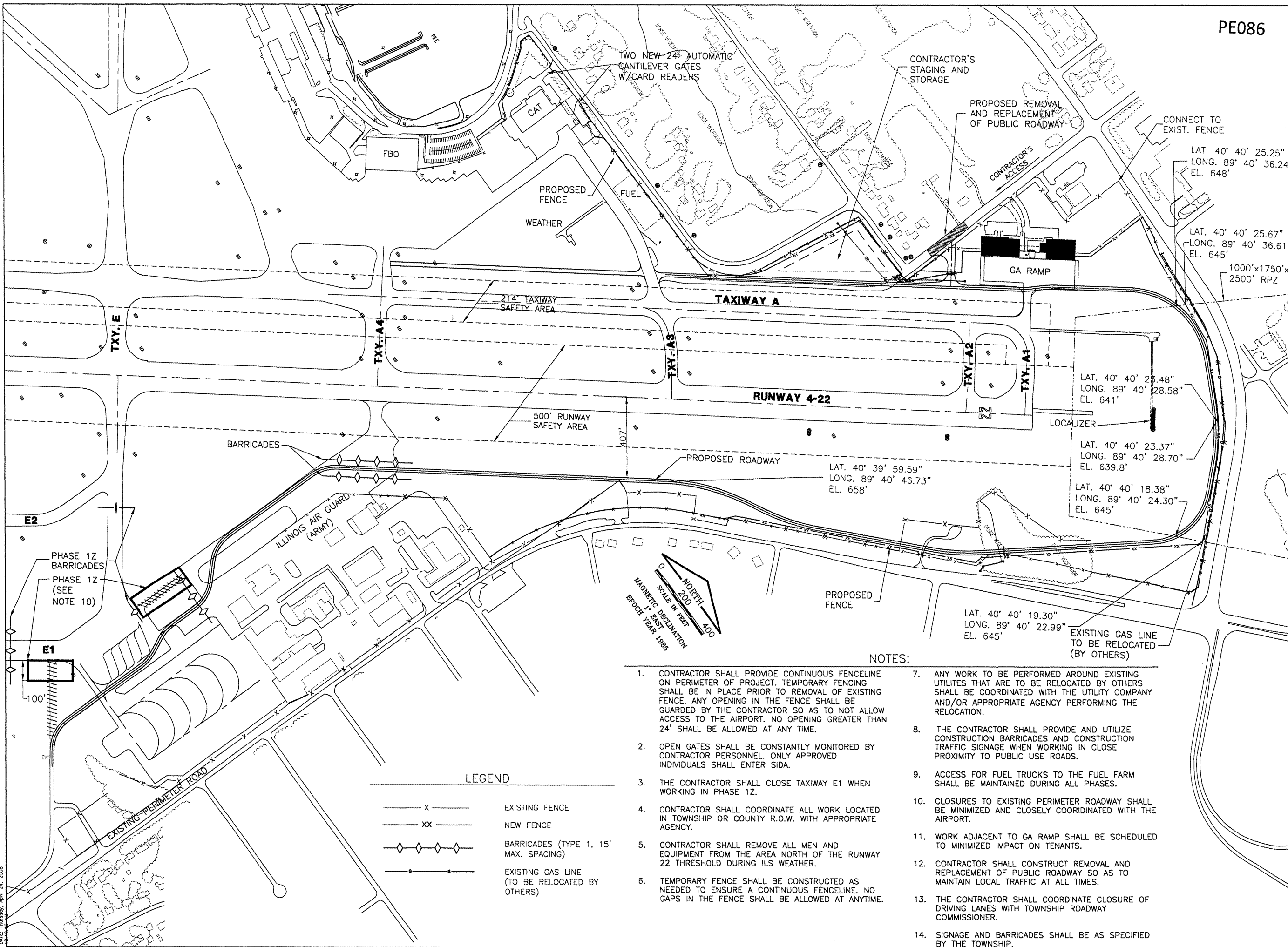
SHEET 4 OF 140 SHEETS


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REVISIONS		
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0 1 2
THIS BAR IS EQUAL TO 2'
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PLOT 1





CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1


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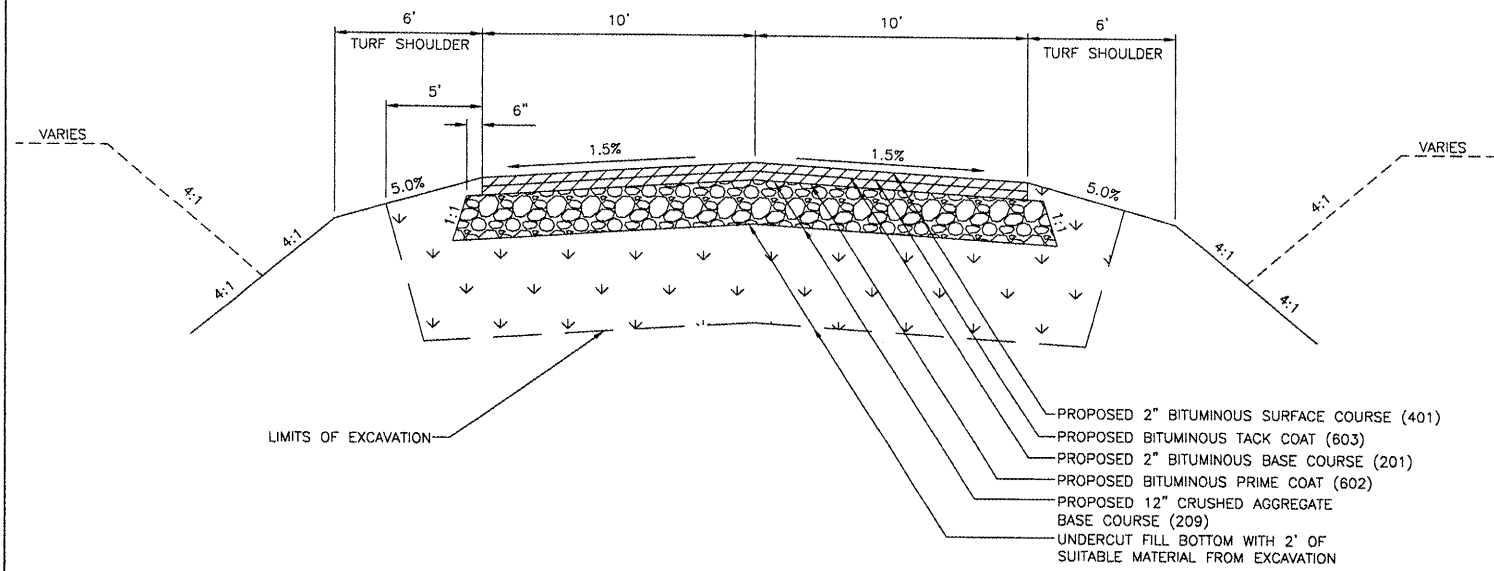
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APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104
CONSTRUCTION ACTIVITY PLAN - PHASE 1	
SHEET 5 OF 140 SHEETS	

- NOTES:
- CONTRACTOR SHALL PROVIDE CONTINUOUS FENCELINE ON PERIMETER OF PROJECT. TEMPORARY FENCING SHALL BE IN PLACE PRIOR TO REMOVAL OF EXISTING FENCE. ANY OPENING IN THE FENCE SHALL BE GUARDED BY THE CONTRACTOR SO AS TO NOT ALLOW ACCESS TO THE AIRPORT. NO OPENING GREATER THAN 24' SHALL BE ALLOWED AT ANY TIME.
 - OPEN GATES SHALL BE CONSTANTLY MONITORED BY CONTRACTOR PERSONNEL. ONLY APPROVED INDIVIDUALS SHALL ENTER SIDA.
 - THE CONTRACTOR SHALL CLOSE TAXIWAY E1 WHEN WORKING IN PHASE 1Z.
 - CONTRACTOR SHALL COORDINATE ALL WORK LOCATED IN TOWNSHIP OR COUNTY R.O.W. WITH APPROPRIATE AGENCY.
 - CONTRACTOR SHALL REMOVE ALL MEN AND EQUIPMENT FROM THE AREA NORTH OF THE RUNWAY 22 THRESHOLD DURING ILS WEATHER.
 - TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED TO ENSURE A CONTINUOUS FENCELINE. NO GAPS IN THE FENCE SHALL BE ALLOWED AT ANYTIME.
 - ANY WORK TO BE PERFORMED AROUND EXISTING UTILITIES THAT ARE TO BE RELOCATED BY OTHERS SHALL BE COORDINATED WITH THE UTILITY COMPANY AND/OR APPROPRIATE AGENCY PERFORMING THE RELOCATION.
 - THE CONTRACTOR SHALL PROVIDE AND UTILIZE CONSTRUCTION BARRICADES AND CONSTRUCTION TRAFFIC SIGNAGE WHEN WORKING IN CLOSE PROXIMITY TO PUBLIC USE ROADS.
 - ACCESS FOR FUEL TRUCKS TO THE FUEL FARM SHALL BE MAINTAINED DURING ALL PHASES.
 - CLOSURES TO EXISTING PERIMETER ROADWAY SHALL BE MINIMIZED AND CLOSELY COORDINATED WITH THE AIRPORT.
 - WORK ADJACENT TO GA RAMP SHALL BE SCHEDULED TO MINIMIZED IMPACT ON TENANTS.
 - CONTRACTOR SHALL CONSTRUCT REMOVAL AND REPLACEMENT OF PUBLIC ROADWAY SO AS TO MAINTAIN LOCAL TRAFFIC AT ALL TIMES.
 - THE CONTRACTOR SHALL COORDINATE CLOSURE OF DRIVING LANES WITH TOWNSHIP ROADWAY COMMISSIONER.
 - SIGNAGE AND BARRICADES SHALL BE AS SPECIFIED BY THE TOWNSHIP.

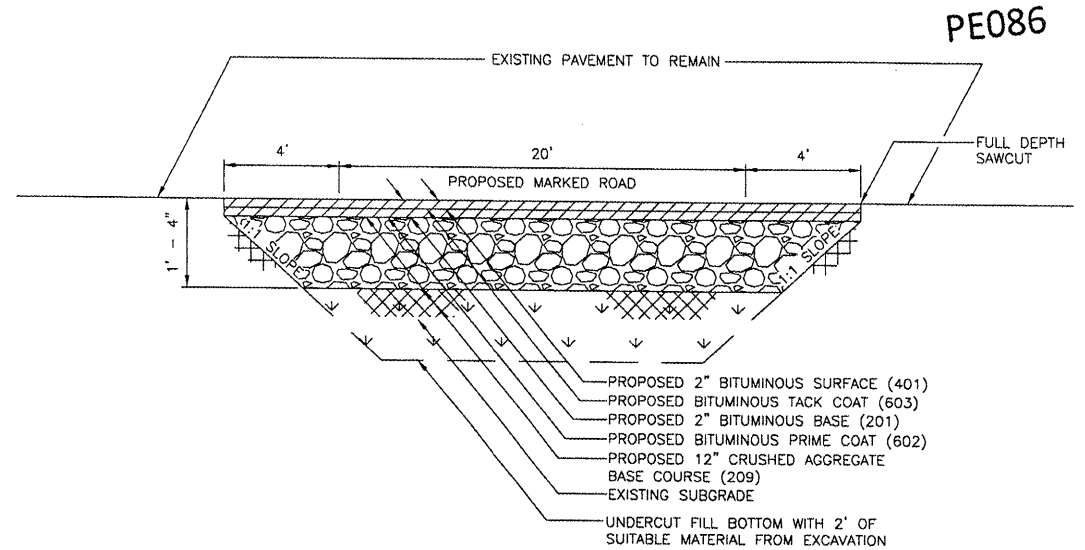
LEGEND

	EXISTING FENCE
	NEW FENCE
	BARRICADES (TYPE 1, 15' MAX. SPACING)
	EXISTING GAS LINE (TO BE RELOCATED BY OTHERS)

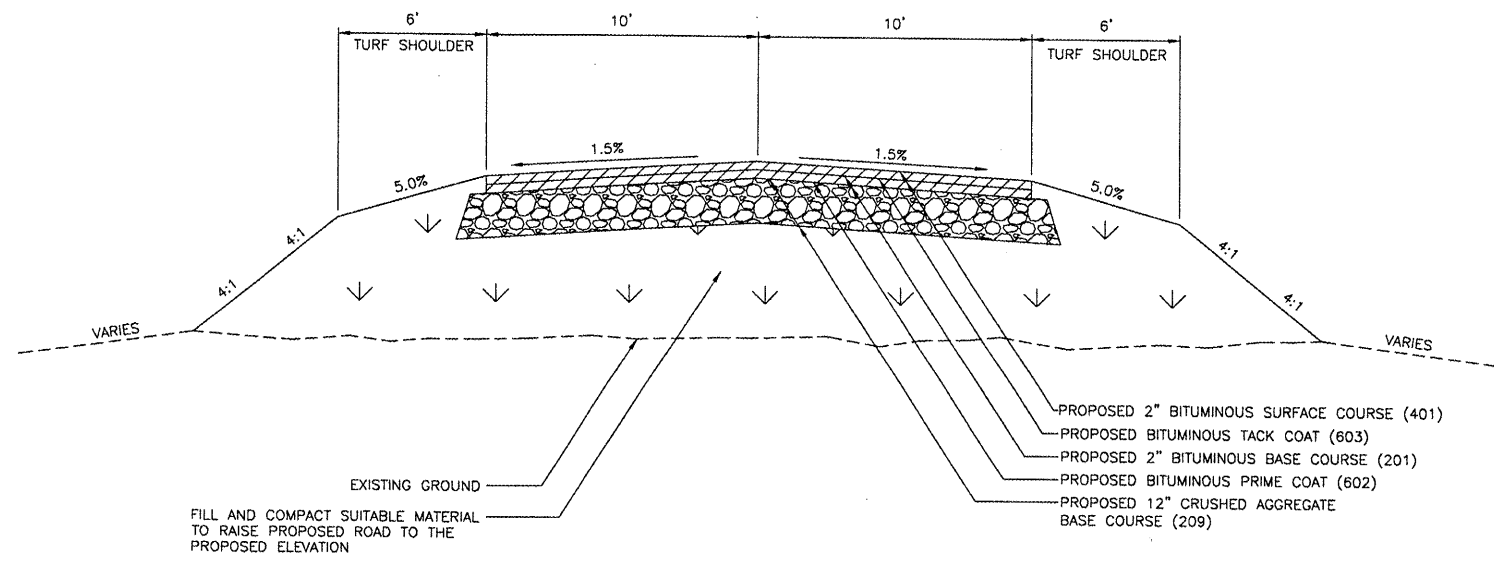
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 APPROVED BY: XXX
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 PLOT 1



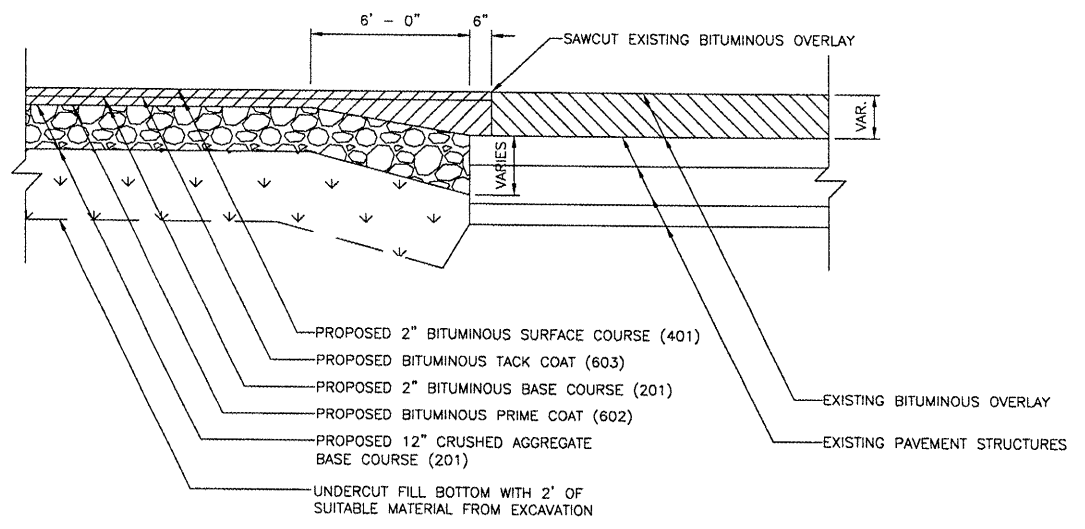
1 SECTION A-A CUT AREAS AND AREAS INVOLVING LESS THAN 2' OF FILL



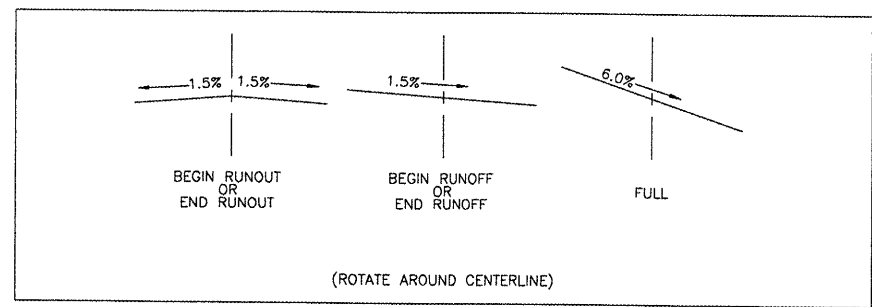
3 SECTION C-C CONSTRUCTION OF ROAD THROUGH EXISTING PAVEMENT



2 SECTION B-B AREAS REQUIRING MORE THAN 2' OF FILL TO SUBGRADE

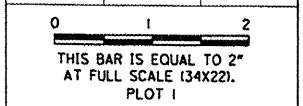


4 SECTION D-D PROPOSED ROAD INTERSECTING EXISTING PAVEMENT



5 SECTION E-E STATION 100 + 00

REVISIONS		
NUMBER	BY	DATE



GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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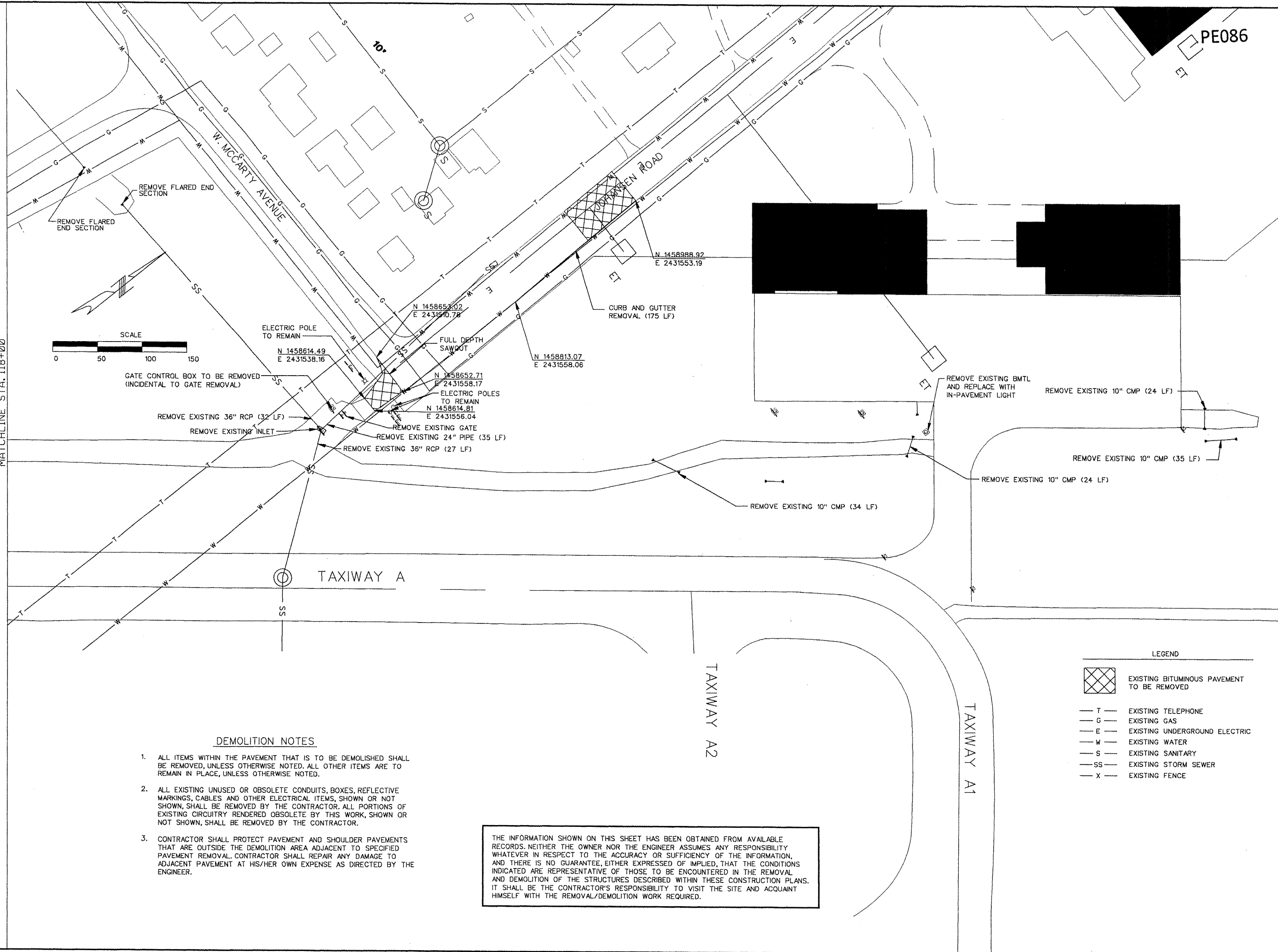
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DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

TYPICAL SECTIONS

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DATE: 4/24/2008 9:46 AM

4/23/2008
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MATCHLINE STA. 118+00



DEMOLITION NOTES

1. ALL ITEMS WITHIN THE PAVEMENT THAT IS TO BE DEMOLISHED SHALL BE REMOVED, UNLESS OTHERWISE NOTED. ALL OTHER ITEMS ARE TO REMAIN IN PLACE, UNLESS OTHERWISE NOTED.
2. ALL EXISTING UNUSED OR OBSOLETE CONDUITS, BOXES, REFLECTIVE MARKINGS, CABLES AND OTHER ELECTRICAL ITEMS, SHOWN OR NOT SHOWN, SHALL BE REMOVED BY THE CONTRACTOR. ALL PORTIONS OF EXISTING CIRCUITRY RENDERED OBSOLETE BY THIS WORK, SHOWN OR NOT SHOWN, SHALL BE REMOVED BY THE CONTRACTOR.
3. CONTRACTOR SHALL PROTECT PAVEMENT AND SHOULDER PAVEMENTS THAT ARE OUTSIDE THE DEMOLITION AREA ADJACENT TO SPECIFIED PAVEMENT REMOVAL. CONTRACTOR SHALL REPAIR ANY DAMAGE TO ADJACENT PAVEMENT AT HIS/HER OWN EXPENSE AS DIRECTED BY THE ENGINEER.

THE INFORMATION SHOWN ON THIS SHEET HAS BEEN OBTAINED FROM AVAILABLE 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 INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE REMOVAL AND DEMOLITION OF THE STRUCTURES DESCRIBED WITHIN THESE CONSTRUCTION PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACQUAINT HIMSELF WITH THE REMOVAL/DEMOLITION WORK REQUIRED.

LEGEND

	EXISTING BITUMINOUS PAVEMENT TO BE REMOVED
— T —	EXISTING TELEPHONE
— G —	EXISTING GAS
— E —	EXISTING UNDERGROUND ELECTRIC
— W —	EXISTING WATER
— S —	EXISTING SANITARY
— SS —	EXISTING STORM SEWER
— X —	EXISTING FENCE

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1

Greater Peoria Regional Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104

DEMOLITION PLAN
SHEET 1 OF 4
SHEET 7 OF 140 SHEETS

PE086

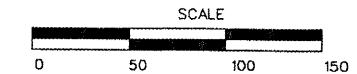
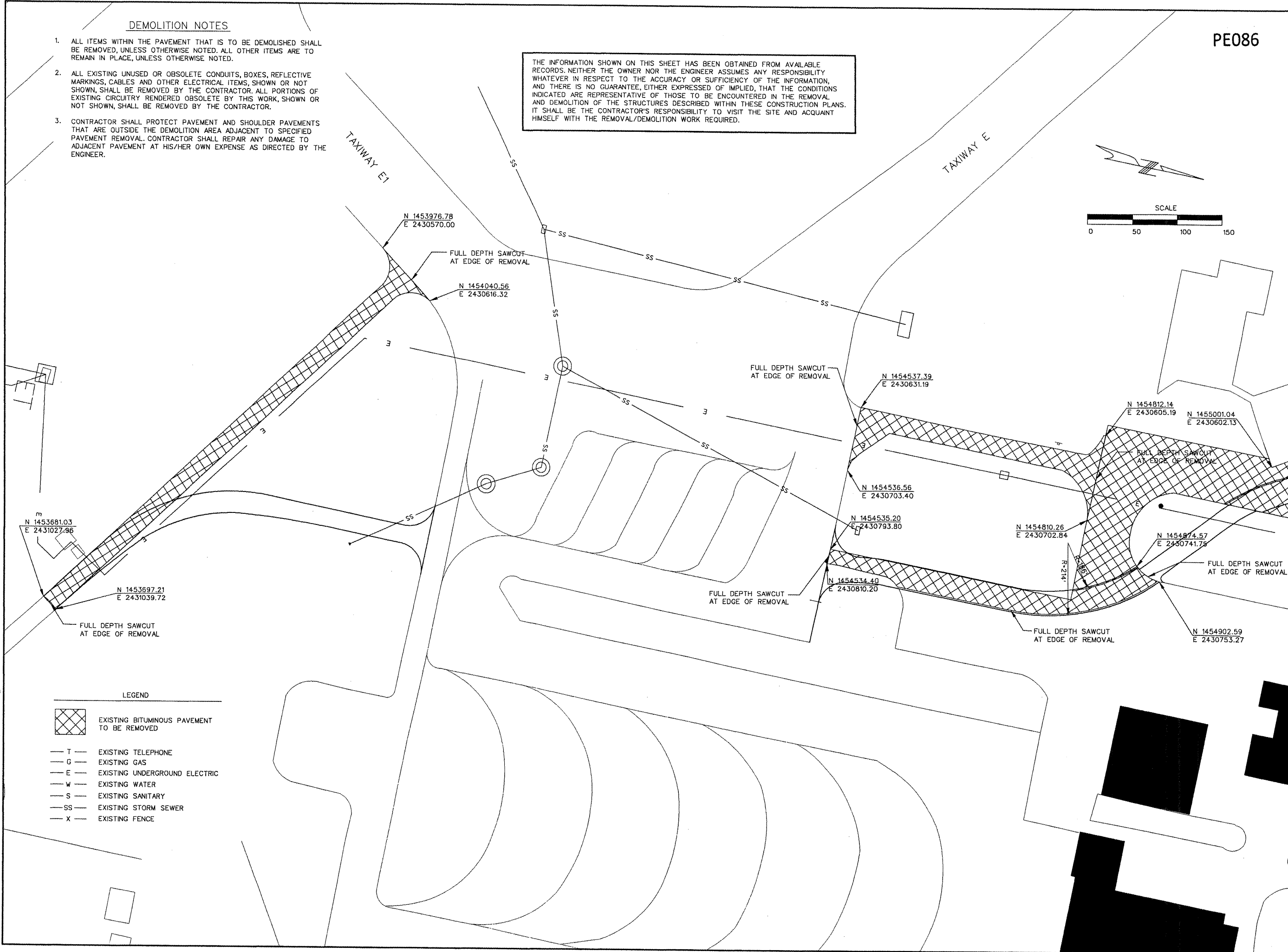
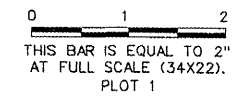
DEMOLITION NOTES

1. ALL ITEMS WITHIN THE PAVEMENT THAT IS TO BE DEMOLISHED SHALL BE REMOVED, UNLESS OTHERWISE NOTED. ALL OTHER ITEMS ARE TO REMAIN IN PLACE, UNLESS OTHERWISE NOTED.
2. ALL EXISTING UNUSED OR OBSOLETE CONDUITS, BOXES, REFLECTIVE MARKINGS, CABLES AND OTHER ELECTRICAL ITEMS, SHOWN OR NOT SHOWN, SHALL BE REMOVED BY THE CONTRACTOR. ALL PORTIONS OF EXISTING CIRCUITRY RENDERED OBSOLETE BY THIS WORK, SHOWN OR NOT SHOWN, SHALL BE REMOVED BY THE CONTRACTOR.
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PE086

REVISIONS		
NUMBER	BY	DATE



LEGEND

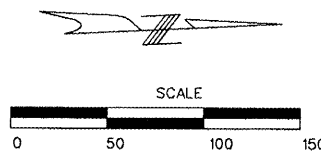
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	EXISTING WATER
	EXISTING SANITARY
	EXISTING STORM SEWER
	EXISTING FENCE

GREATER Peoria REGIONAL Airport
 CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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





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DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
DEMOLITION PLAN SHEET 2 OF 4
SHEET 8 OF 140 SHEETS

4/23/2008 K:\Peoria\0706104\00\Draw\Sheets\008_demo_plan_02.dgn

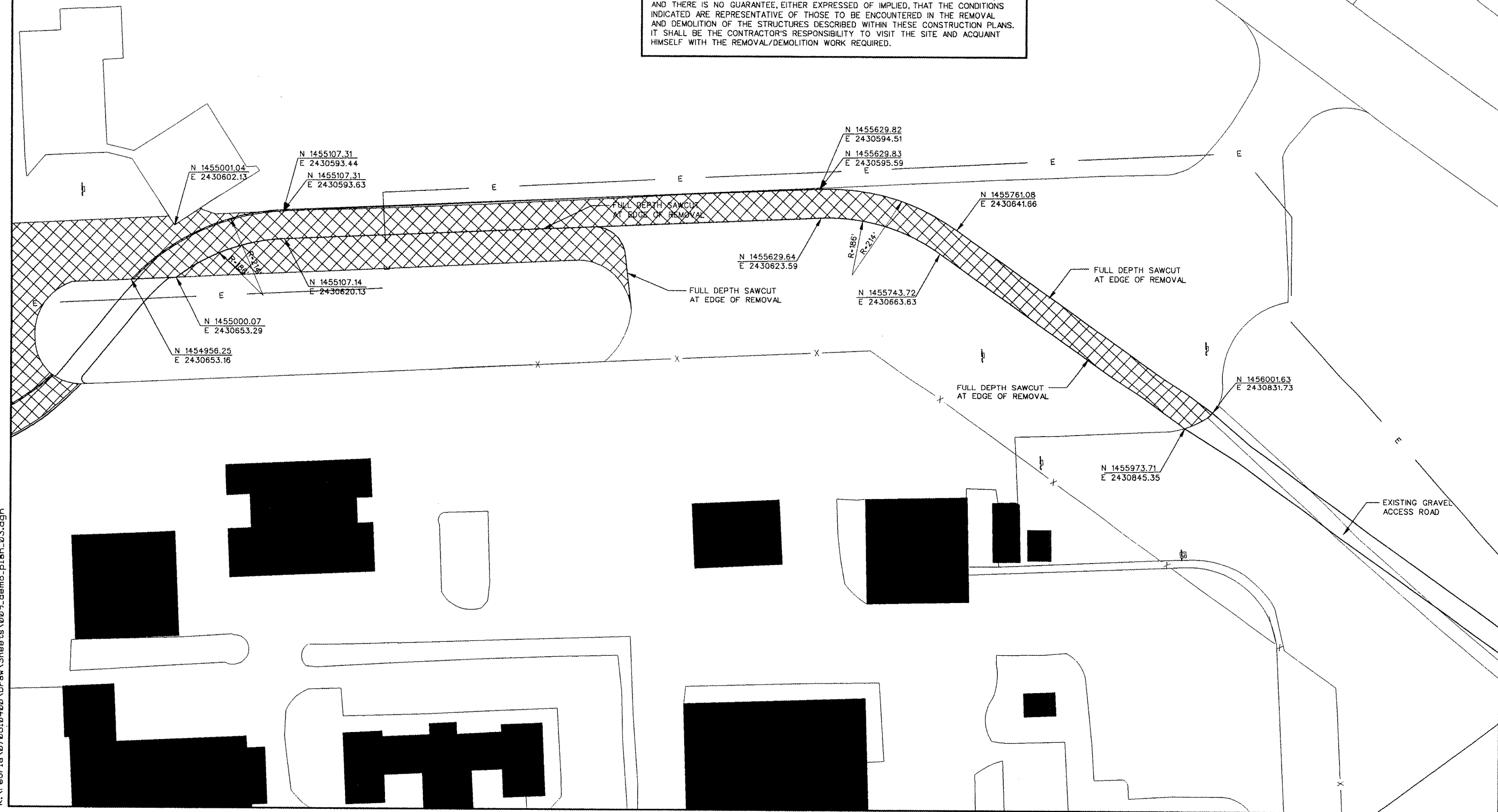


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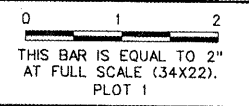
- LEGEND**
-  EXISTING BITUMINOUS PAVEMENT TO BE REMOVED
 -  EXISTING TELEPHONE
 -  EXISTING GAS
 -  EXISTING UNDERGROUND ELECTRIC
 -  EXISTING WATER
 -  EXISTING SANITARY
 -  EXISTING STORM SEWER
 -  EXISTING FENCE

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GREATER Peoria REGIONAL Airport
 CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1


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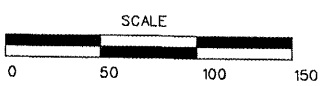
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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
DEMOLITION PLAN SHEET 3 OF 4
SHEET 9 OF 140 SHEETS

4/23/2008 K:\Peoria\0706104\Draw\Sheets\009_demo_plan_03.dgn

PE086

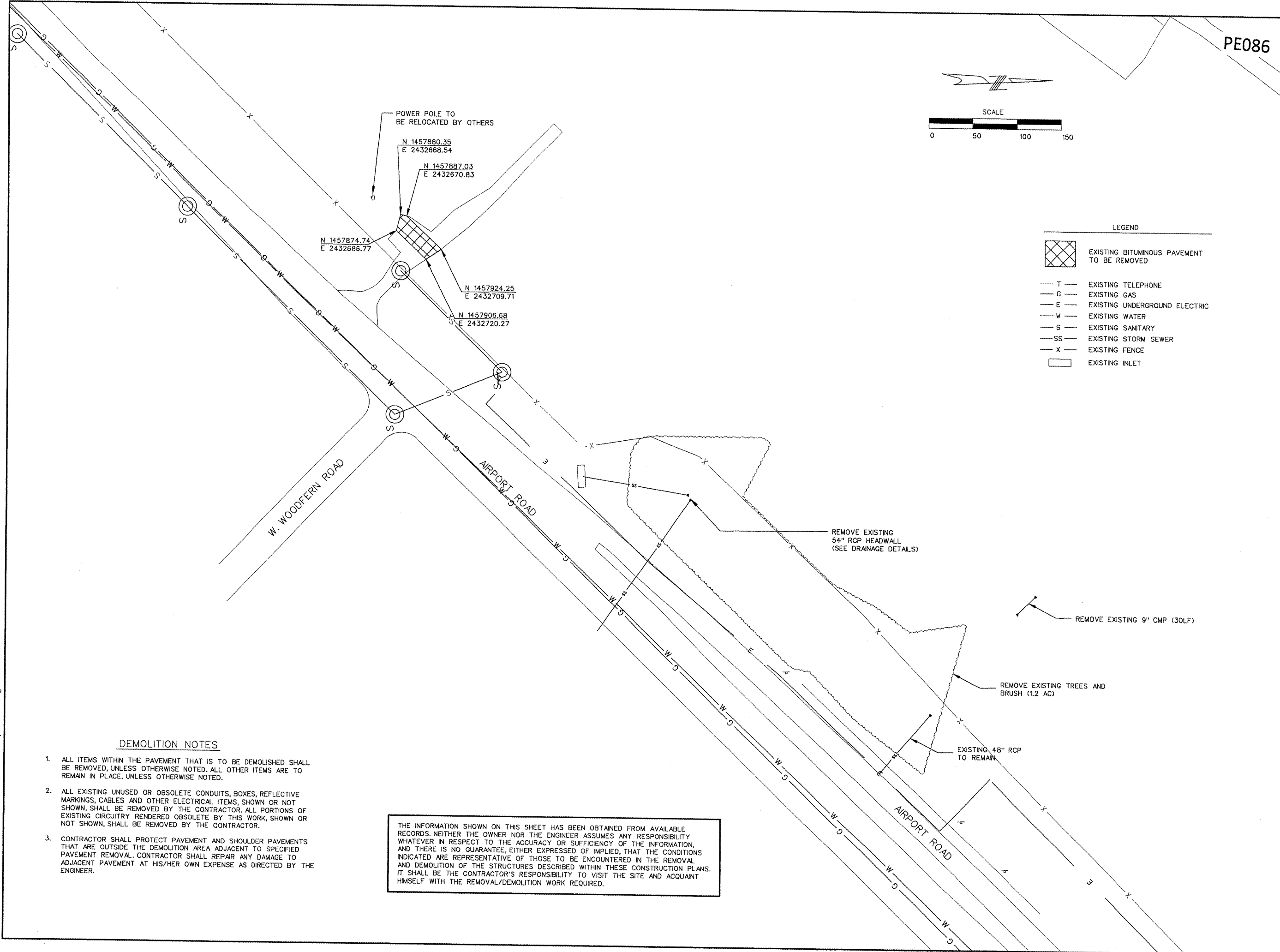
REVISIONS		
NUMBER	BY	DATE

0 1 2
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AT FULL SCALE (34X22).
PLOT 1



LEGEND

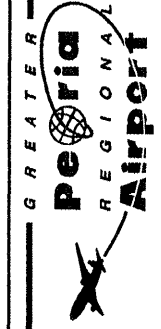
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— T —	EXISTING TELEPHONE
— G —	EXISTING GAS
— E —	EXISTING UNDERGROUND ELECTRIC
— W —	EXISTING WATER
— S —	EXISTING SANITARY
— SS —	EXISTING STORM SEWER
— X —	EXISTING FENCE
	EXISTING INLET



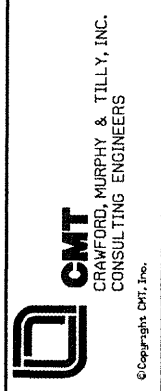
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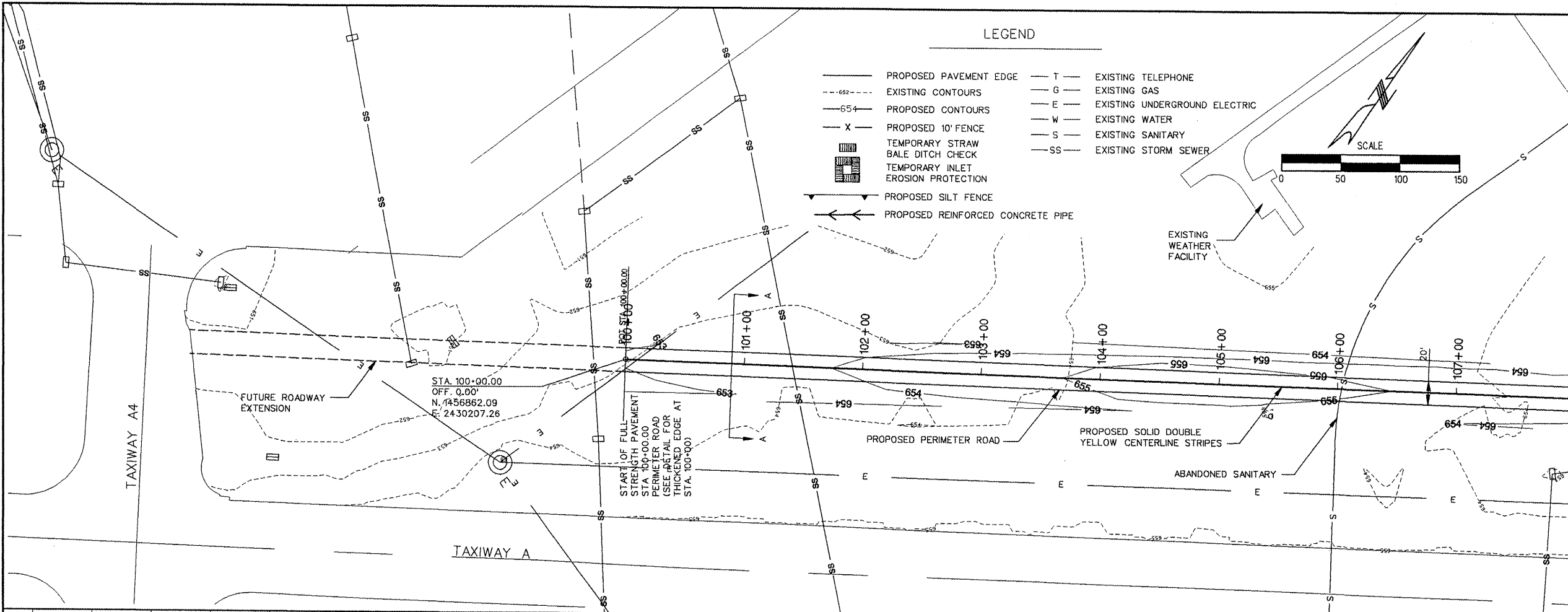
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
DEMOLITION PLAN SHEET 4 OF 4
SHEET 10 OF 140 SHEETS

4/23/2008
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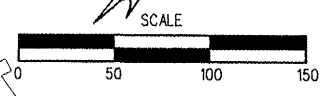
4/23/2008
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MATCHLINE: STA. 108+00

LEGEND

- PROPOSED PAVEMENT EDGE
- - - EXISTING CONTOURS
- - - 65+ PROPOSED CONTOURS
- X - PROPOSED 10' FENCE
- [Hatched Box] TEMPORARY STRAW BALE DITCH CHECK
- [Box] TEMPORARY INLET
- [Line] EROSION PROTECTION
- [Arrow] PROPOSED SILT FENCE
- [Arrow] PROPOSED REINFORCED CONCRETE PIPE
- T - EXISTING TELEPHONE
- G - EXISTING GAS
- E - EXISTING UNDERGROUND ELECTRIC
- W - EXISTING WATER
- S - EXISTING SANITARY
- SS - EXISTING STORM SEWER



PE086

REVISIONS		
NUMBER	BY	DATE

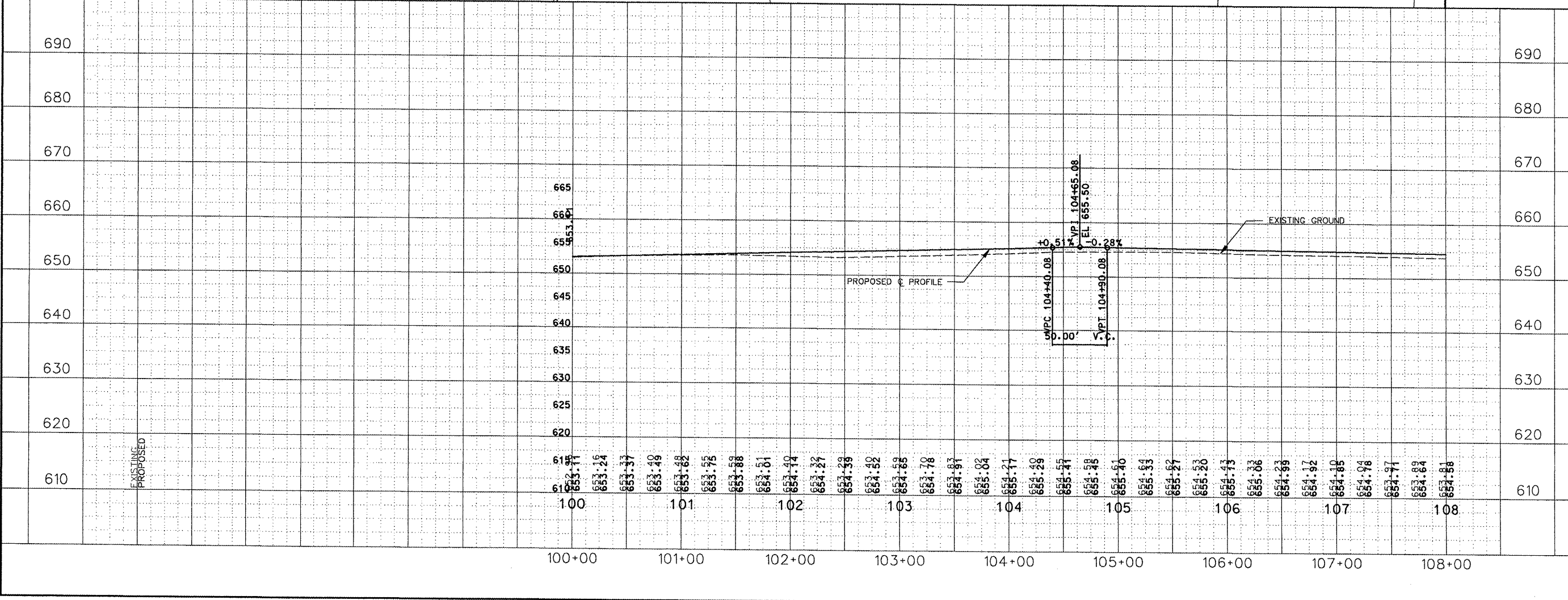
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PLOT 1

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

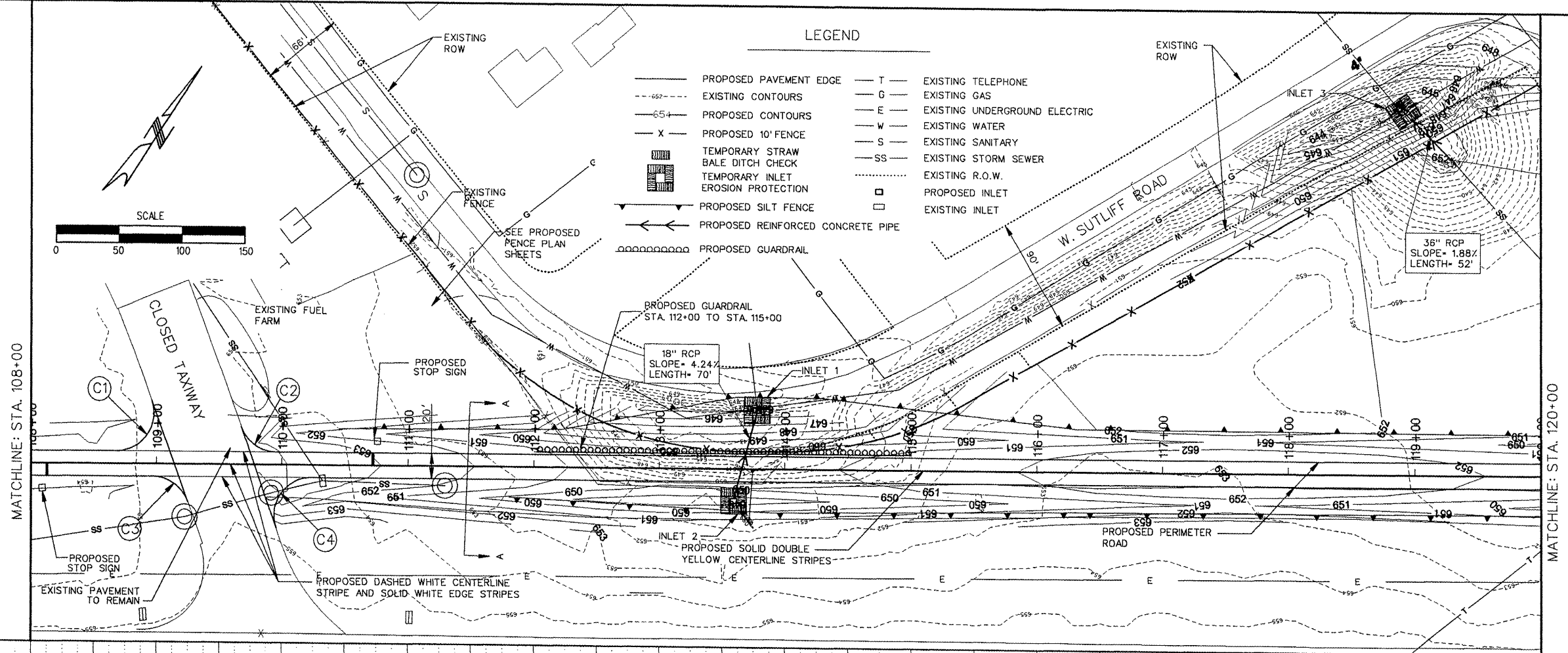
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IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX
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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PLAN AND PROFILE SHEET 1 OF 10
SHEET 11 OF 140 SHEETS



Station	Elevation
100	610.00
101	613.24
102	617.19
103	621.62
104	626.41
105	631.56
106	637.07
107	642.94
108	649.18

4/23/2008
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PE086

REVISIONS		
NUMBER	BY	DATE

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 AT FULL SCALE (34x22).
 PLOT 1

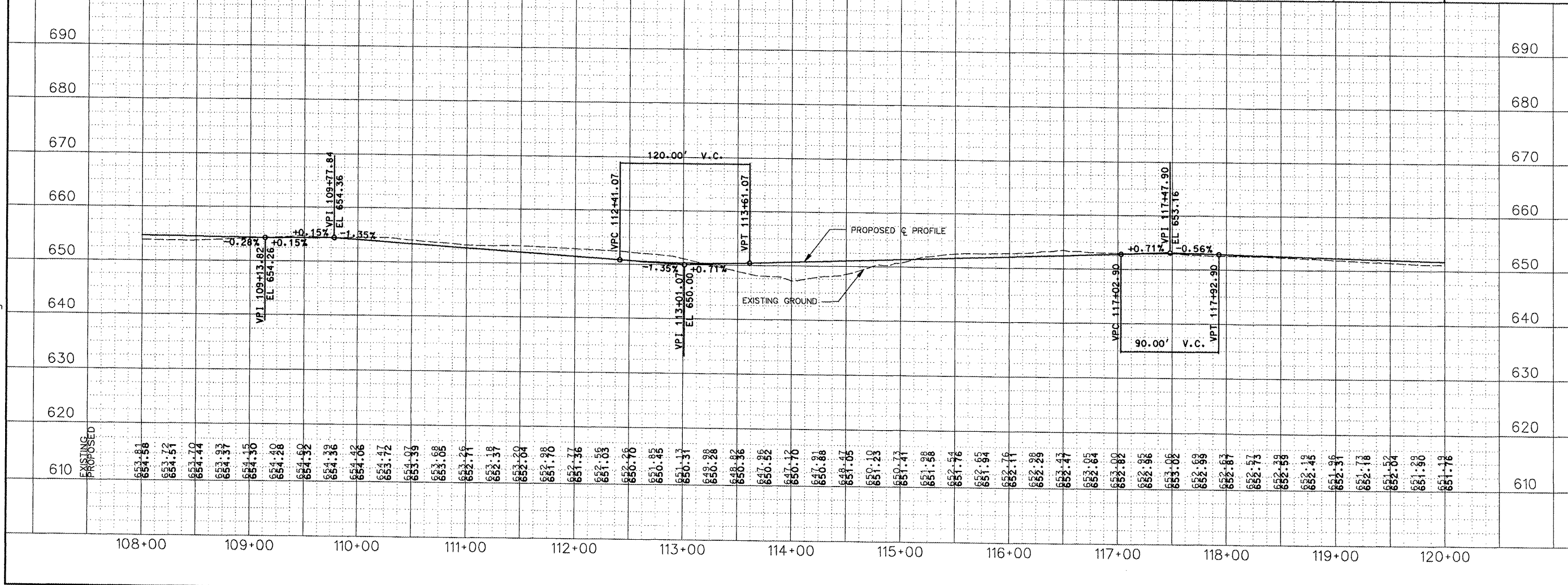
GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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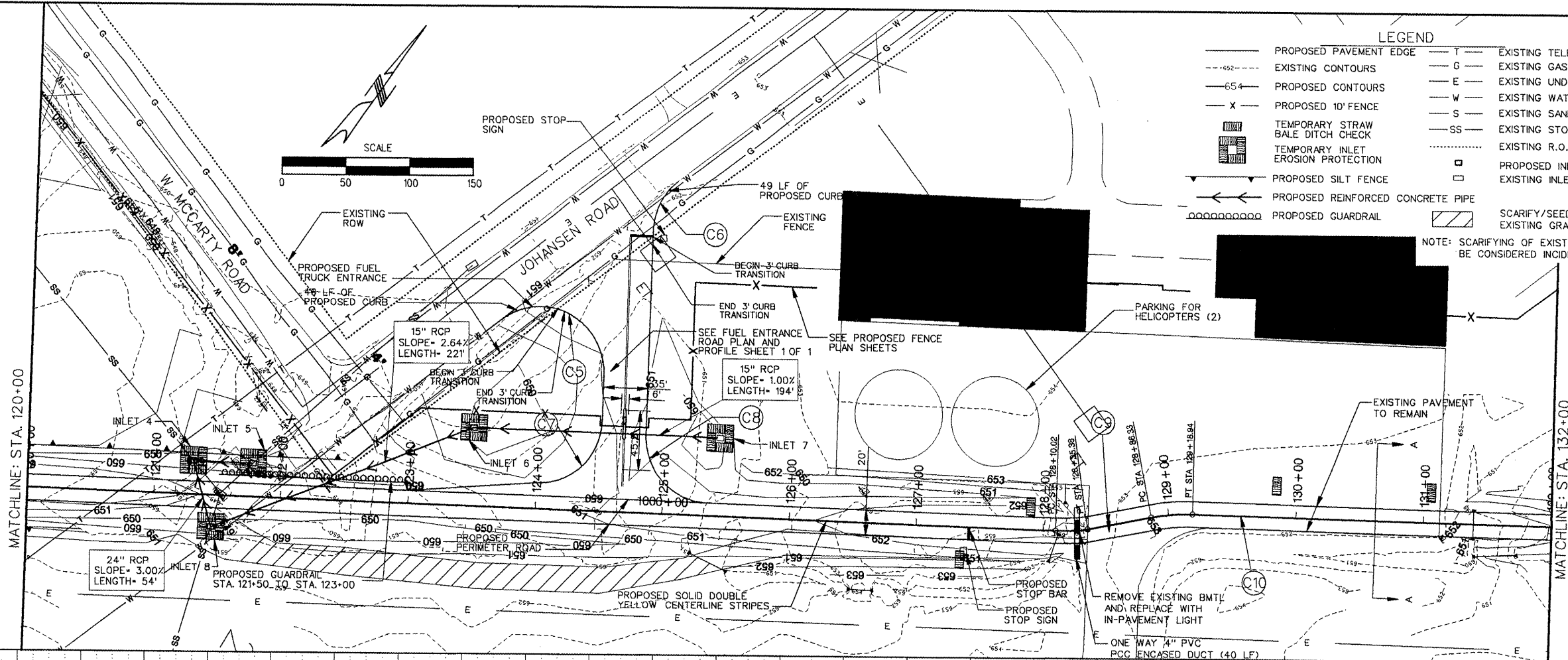
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 DESIGN BY: TWM, RBL
 DRAWN BY: CAG
 CHECKED BY: RBL
 APPROVED BY: CET
 DATE: APRIL 24, 2008
 JOB No: 0706104

PLAN AND PROFILE
 SHEET 2 OF 10
 SHEET 12 OF 140 SHEETS



610	EXISTING	653.88	653.72	654.51	654.44	653.37	654.35	654.26	654.52	653.38	654.36	654.47	653.97	653.68	653.96	653.71	653.18	652.56	651.03	652.06	650.43	650.37	649.98	650.28	650.48	650.36	650.32	650.70	650.81	650.88	651.05	650.23	651.47	651.98	651.58	651.76	652.65	651.94	652.79	652.28	652.47	653.05	652.82	652.86	653.02	652.99	652.87	652.73	652.59	652.45	652.31	652.16	651.92	652.04	651.90	651.76
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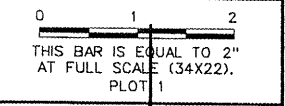


LEGEND

- PROPOSED PAVEMENT EDGE
- - - - - EXISTING CONTOURS
- - - - - PROPOSED CONTOURS
- X - PROPOSED 10' FENCE
- [Hatched Box] TEMPORARY STRAW BALE DITCH CHECK
- [Hatched Box] TEMPORARY INLET EROSION PROTECTION
- ← PROPOSED SILT FENCE
- ←←← PROPOSED REINFORCED CONCRETE PIPE
- PROPOSED GUARDRAIL
- T - EXISTING TELEPHONE
- G - EXISTING GAS
- E - EXISTING UNDERGROUND ELECTRIC
- W - EXISTING WATER
- S - EXISTING SANITARY
- SS - EXISTING STORM SEWER
- EXISTING R.O.W.
- PROPOSED INLET
- EXISTING INLET
- [Hatched Box] SCARIFY/SEED AND MULCH EXISTING GRAVEL ROAD

PE086

REVISIONS		
NUMBER	BY	DATE



NOTE: SCARIFYING OF EXISTING GRAVEL ROAD SHALL BE CONSIDERED INCIDENTAL TO CONTRACT

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

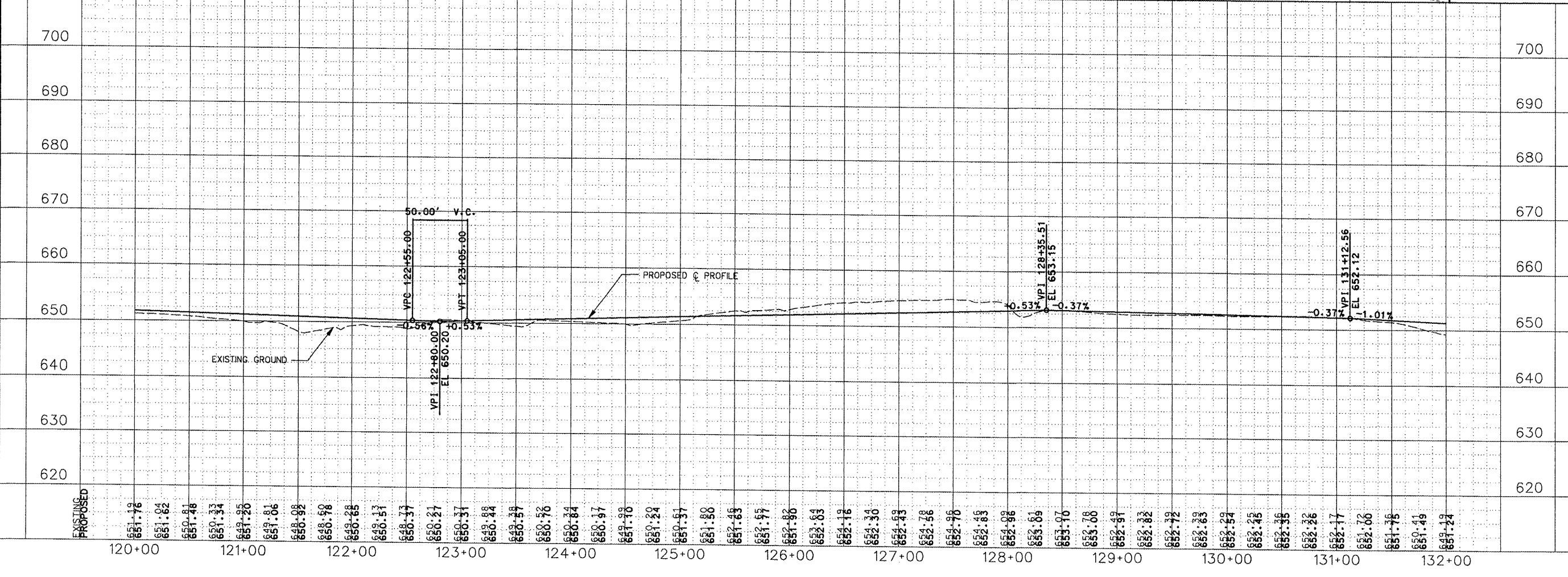
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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ... \Draw\Sheets\013_PLAN_03.dgn

DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET

DATE: APRIL 24, 2008
JOB No: 0706104



STATION	EXISTING ELEVATION	PROPOSED ELEVATION
120+00	651.72	651.72
120+10	651.04	651.04
120+20	651.62	651.62
120+30	650.81	650.81
120+40	650.33	650.33
120+50	651.34	651.34
120+60	649.25	649.25
120+70	651.20	651.20
120+80	649.81	649.81
120+90	651.06	651.06
121+00	648.08	648.08
121+10	648.90	648.90
121+20	648.68	648.68
121+30	648.51	648.51
121+40	648.37	648.37
121+50	650.21	650.21
121+60	650.31	650.31
121+70	648.44	648.44
121+80	648.39	648.39
121+90	650.56	650.56
122+00	650.84	650.84
122+10	650.47	650.47
122+20	649.98	649.98
122+30	650.24	650.24
122+40	650.91	650.91
122+50	651.90	651.90
122+60	652.46	652.46
122+70	652.45	652.45
122+80	651.77	651.77
122+90	651.62	651.62
123+00	651.90	651.90
123+10	652.83	652.83
123+20	654.18	654.18
123+30	654.74	654.74
123+40	652.93	652.93
123+50	652.78	652.78
123+60	654.96	654.96
123+70	654.83	654.83
123+80	654.03	654.03
123+90	652.96	652.96
124+00	653.69	653.69
124+10	653.97	653.97
124+20	652.78	652.78
124+30	653.08	653.08
124+40	652.97	652.97
124+50	652.82	652.82
124+60	652.72	652.72
124+70	652.63	652.63
124+80	652.54	652.54
124+90	652.45	652.45
125+00	652.36	652.36
125+10	652.26	652.26
125+20	652.17	652.17
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125+40	651.75	651.75
125+50	650.49	650.49
125+60	649.24	649.24

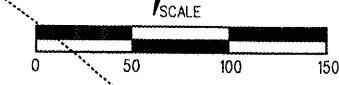
4/23/2008
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 BEGIN RUNOFF STA. 133+43.19
 FULL RATE 4.2%
 FULL STA. 138+98.52
 END RUNOFF STA. 139+44.81
 END ROUNOUT STA. 139+96.24

LEGEND

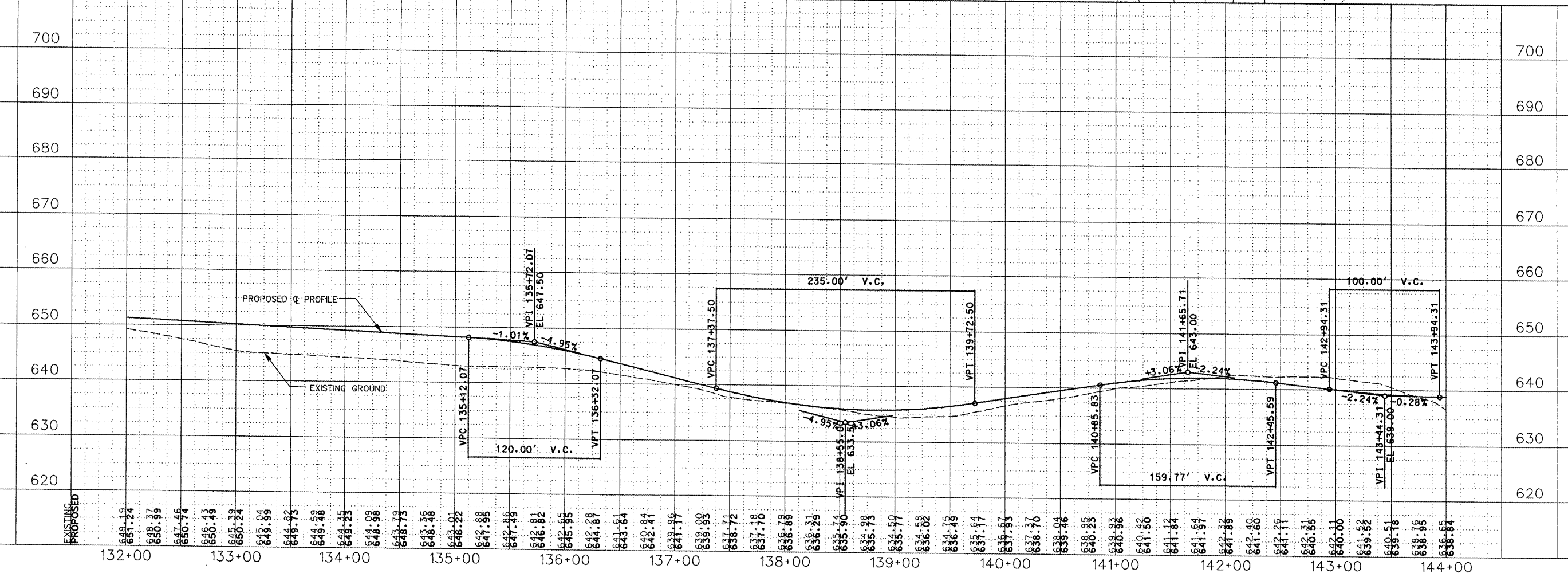
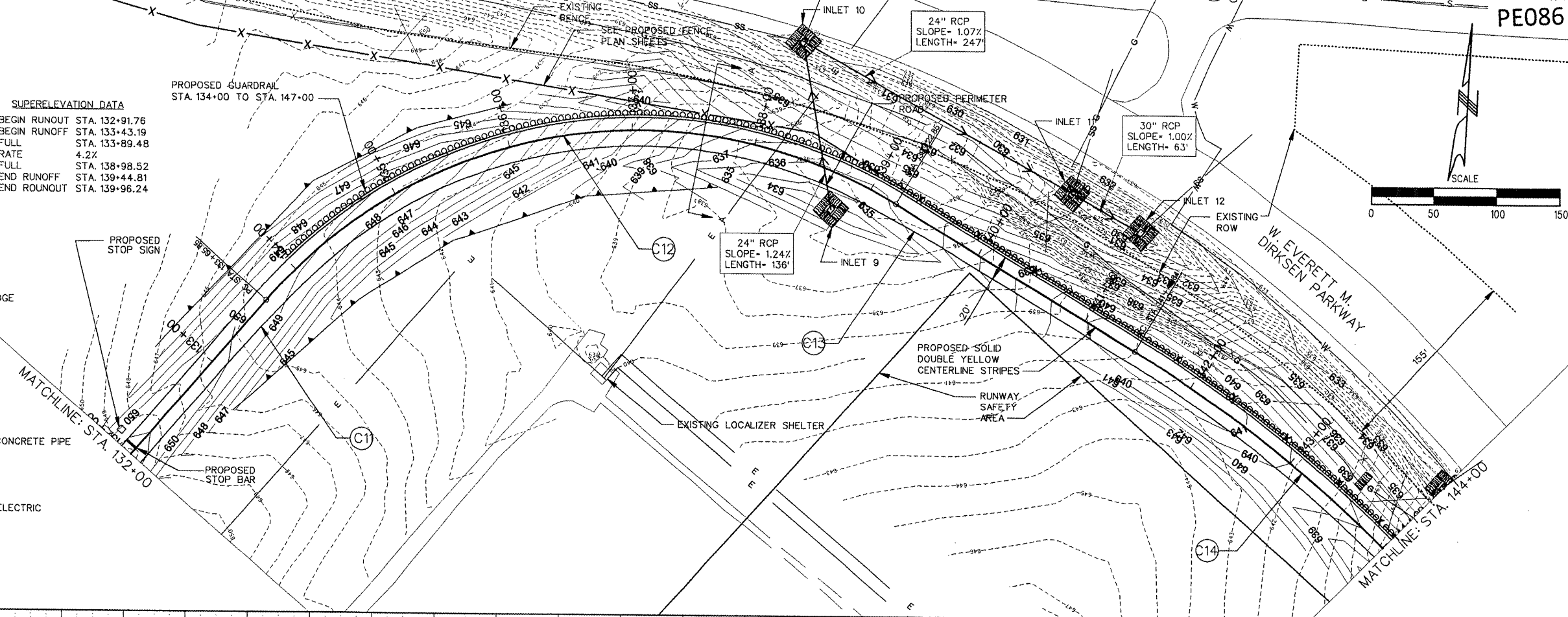
- PROPOSED PAVEMENT EDGE
- - - EXISTING CONTOURS
- - - PROPOSED CONTOURS
- X - PROPOSED 10' FENCE
- ▨ TEMPORARY STRAW BALE DITCH CHECK
- TEMPORARY INLET
- ▨ EROSION PROTECTION
- PROPOSED SILT FENCE
- PROPOSED REINFORCED CONCRETE PIPE
- ▨ PROPOSED GUARDRAIL
- T — EXISTING TELEPHONE
- G — EXISTING GAS
- E — EXISTING UNDERGROUND ELECTRIC
- W — EXISTING WATER
- S — EXISTING SANITARY
- SS — EXISTING STORM SEWER
- — EXISTING R.O.W.
- PROPOSED INLET
- EXISTING INLET

MATCHLINE: STA. 132+00



REVISIONS

NUMBER	BY	DATE



GREATER Peoria REGIONAL Airport

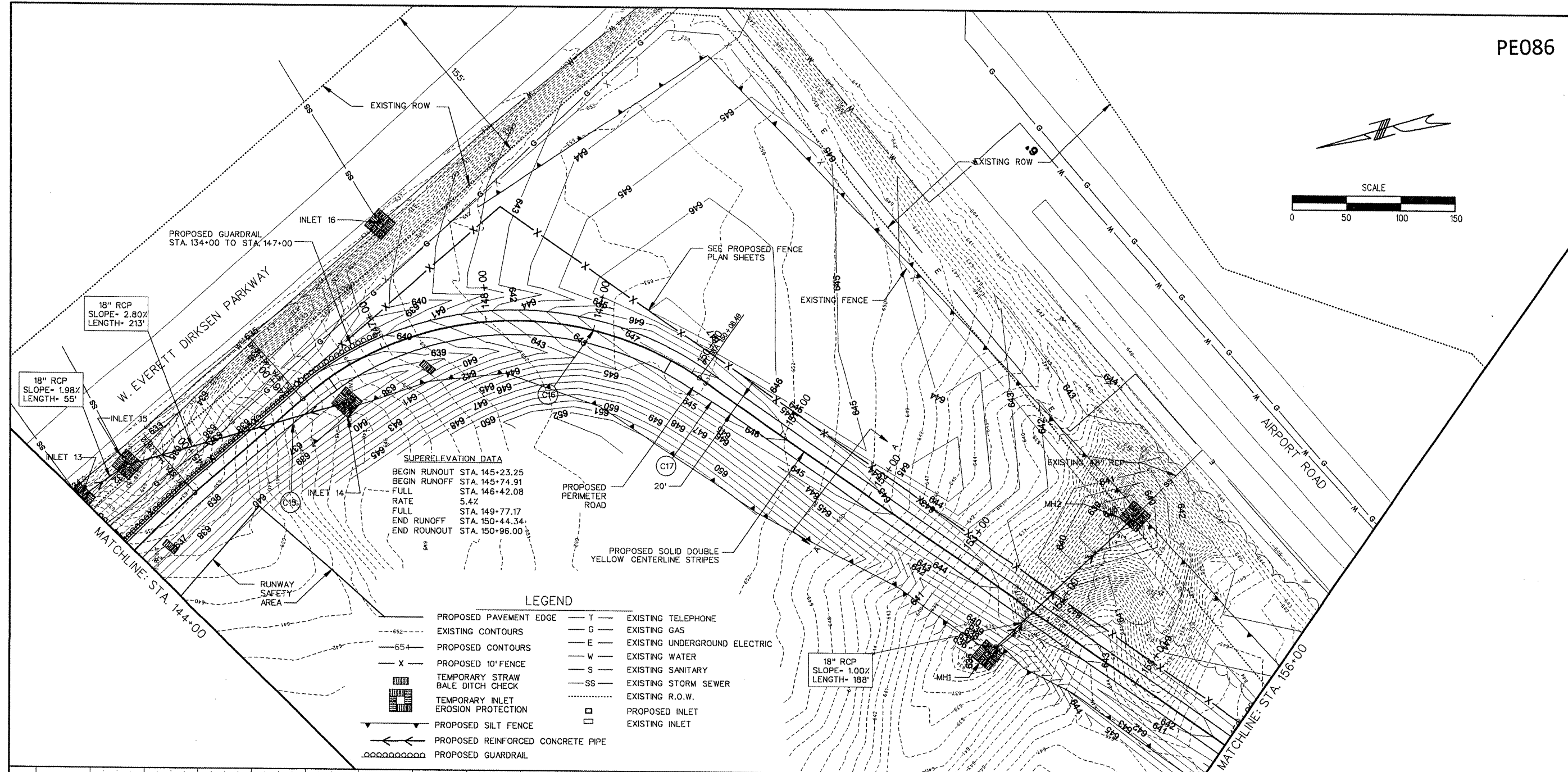
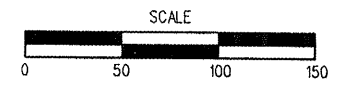
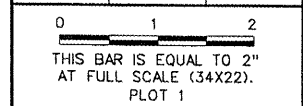
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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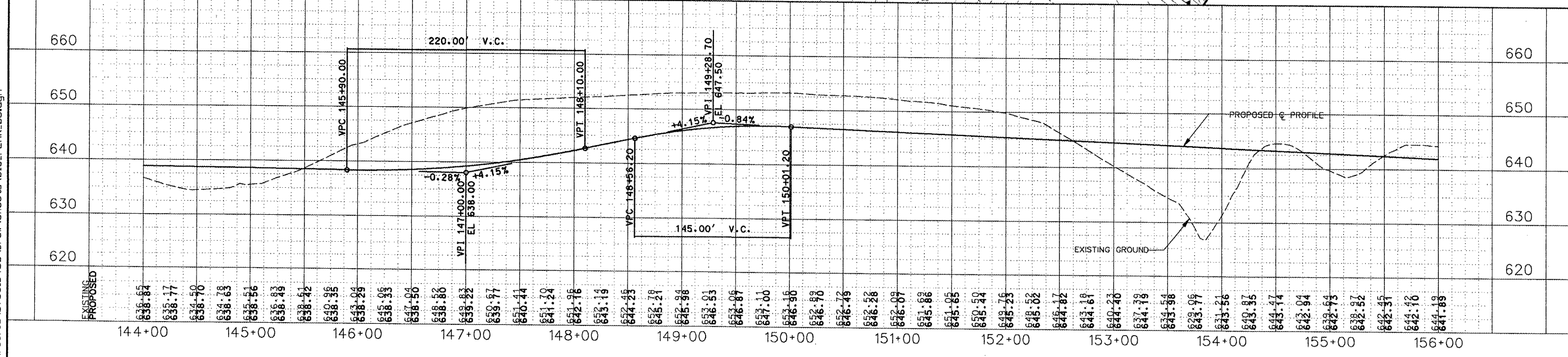
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 DRAWN BY: CAG
 CHECKED BY: RBL
 APPROVED BY: CET
 DATE: APRIL 24, 2008
 JOB No: 0706104

PE086

REVISIONS		
NUMBER	BY	DATE



LEGEND	
—	PROPOSED PAVEMENT EDGE
- - -	EXISTING CONTOURS
- - -	PROPOSED CONTOURS
X	PROPOSED 10' FENCE
▨	TEMPORARY STRAW BALE DITCH CHECK
▨	TEMPORARY INLET EROSION PROTECTION
▨	PROPOSED SILT FENCE
▨	PROPOSED REINFORCED CONCRETE PIPE
▨	PROPOSED GUARDRAIL
T	EXISTING TELEPHONE
G	EXISTING GAS
E	EXISTING UNDERGROUND ELECTRIC
W	EXISTING WATER
S	EXISTING SANITARY
SS	EXISTING STORM SEWER
- - -	EXISTING R.O.W.
□	PROPOSED INLET
□	EXISTING INLET



GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ... \Draw\Sheets\015_PLAN_05.dgn

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DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

DATE: APRIL 24, 2008

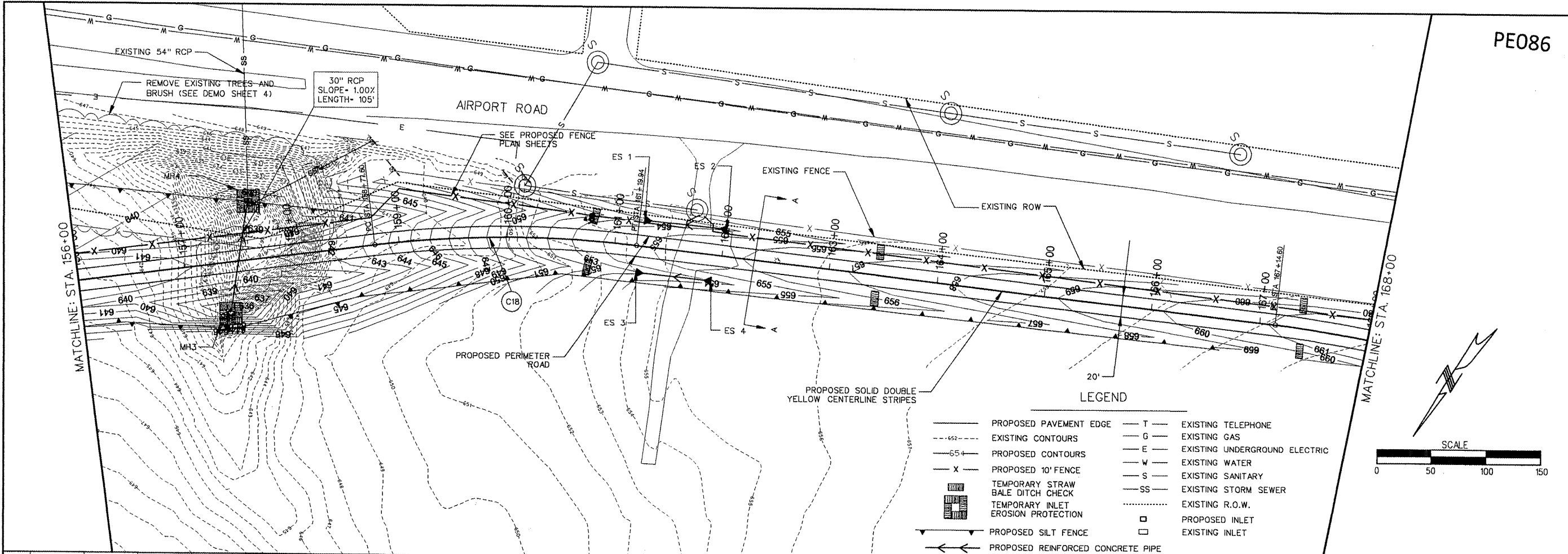
JOB No: 0706104

PLAN AND PROFILE SHEET 5 OF 10

SHEET 15 OF 140 SHEETS

4/23/2008 K:\Peoria\070610400\Draw\Sheets\015_PLAN_05.dgn

4/23/2008
 K:\Peoria\07061040\Draw\Sheets\016_PLAN_06.dgn



PE086

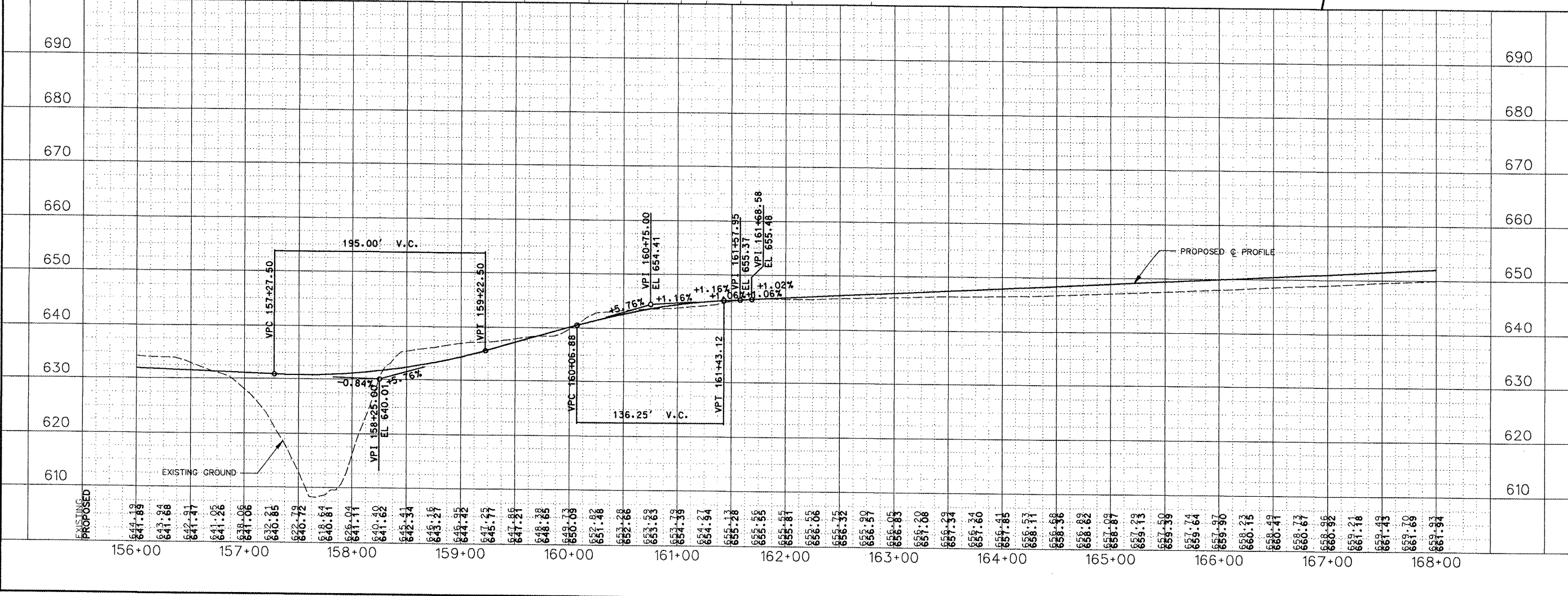
REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
 PLOT 1

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS



IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

FILE: ...Draw\Sheets\016_PLAN_06.dgn

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

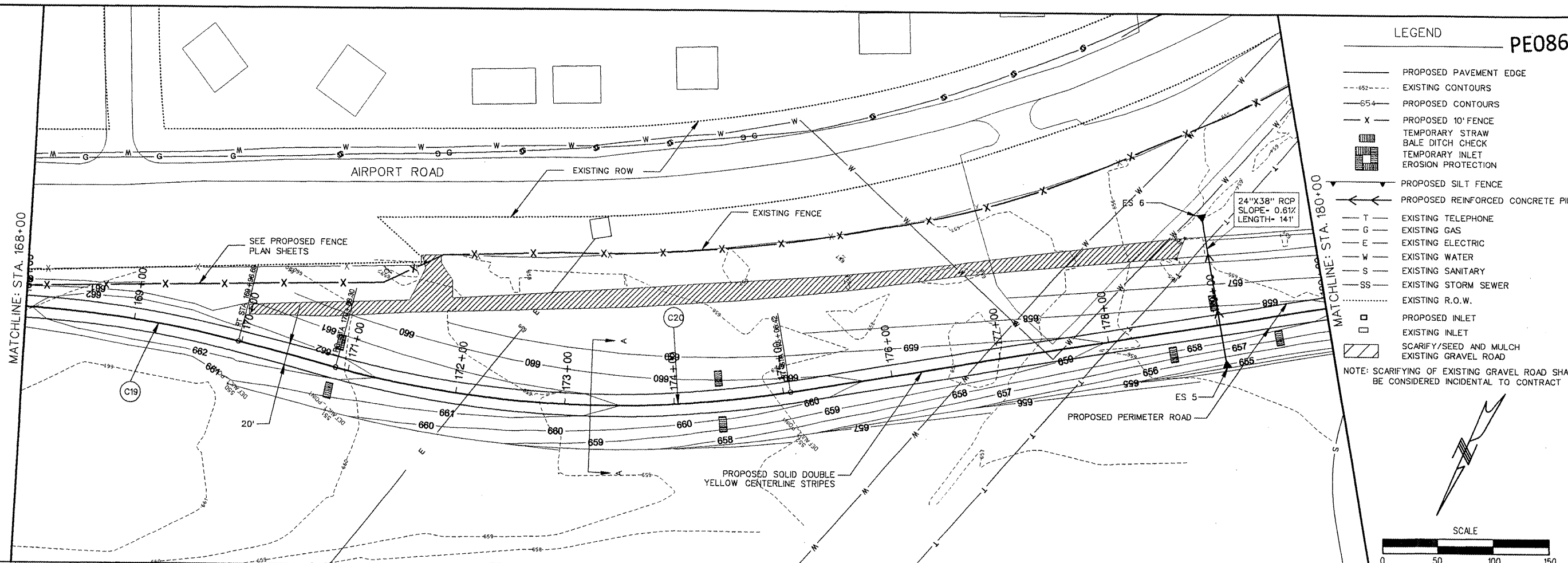
DATE: APRIL 24, 2008

JOB No: 0706104

PLAN AND PROFILE SHEET 6 OF 10

SHEET 16 OF 140 SHEETS

4/23/2008
K:\Peoria\070610400\Draw\Sheets\017_PLAN_07.dgn



LEGEND PE086

- PROPOSED PAVEMENT EDGE
- - - - - EXISTING CONTOURS
- 65+ — PROPOSED CONTOURS
- X - PROPOSED 10' FENCE
- [Hatched Box] TEMPORARY STRAW BALE DITCH CHECK
- [Hatched Box] TEMPORARY INLET
- [Hatched Box] EROSION PROTECTION
- ← PROPOSED SILT FENCE
- ← PROPOSED REINFORCED CONCRETE PIPE
- T EXISTING TELEPHONE
- G EXISTING GAS
- E EXISTING ELECTRIC
- W EXISTING WATER
- S EXISTING SANITARY
- SS EXISTING STORM SEWER
- EXISTING R.O.W.
- PROPOSED INLET
- EXISTING INLET
- [Hatched Box] SCARIFY/SEED AND MULCH
- [Hatched Box] EXISTING GRAVEL ROAD

NOTE: SCARIFYING OF EXISTING GRAVEL ROAD SHALL BE CONSIDERED INCIDENTAL TO CONTRACT

SCALE
0 50 100 150

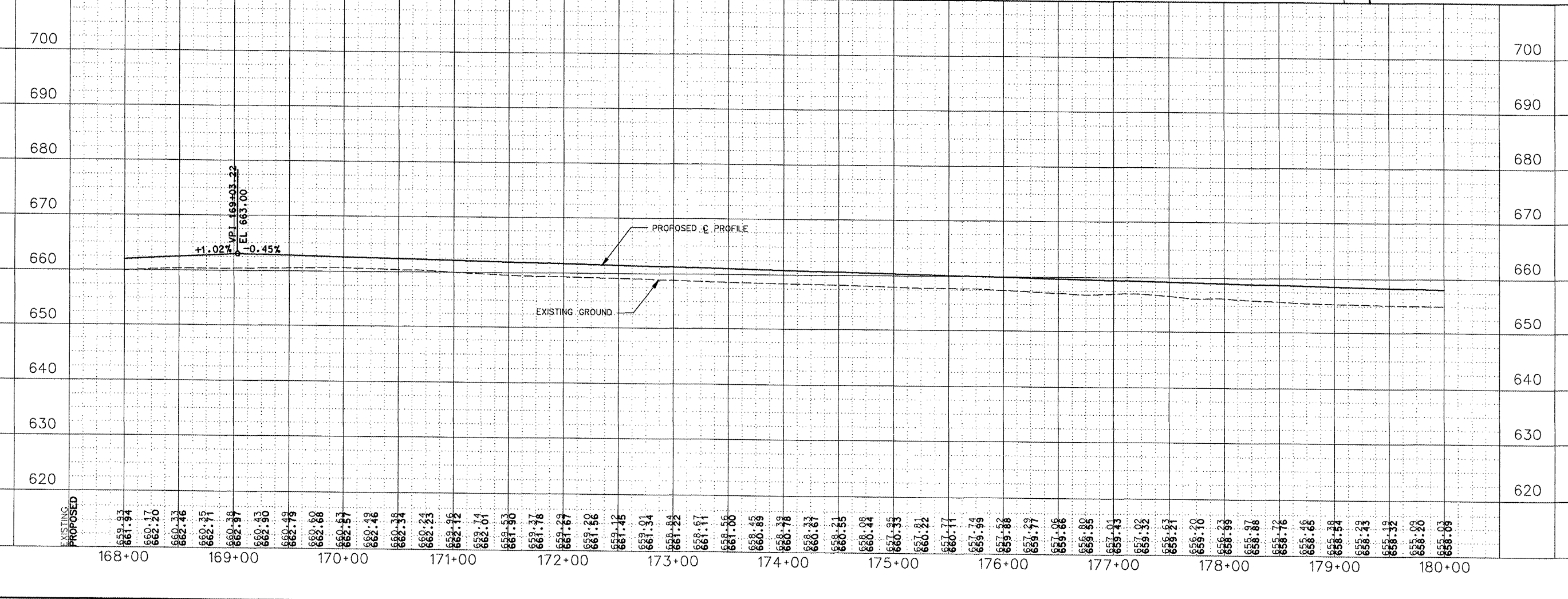
REVISIONS		
NUMBER	BY	DATE

EXISTING UNDERGROUND ELECTRIC

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34x22).
PLOT 1

G R E A T E R
Peoria
 R E G I O N A L
Airport

CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ... \Draw\Sheets\017_PLAN_07.dgn

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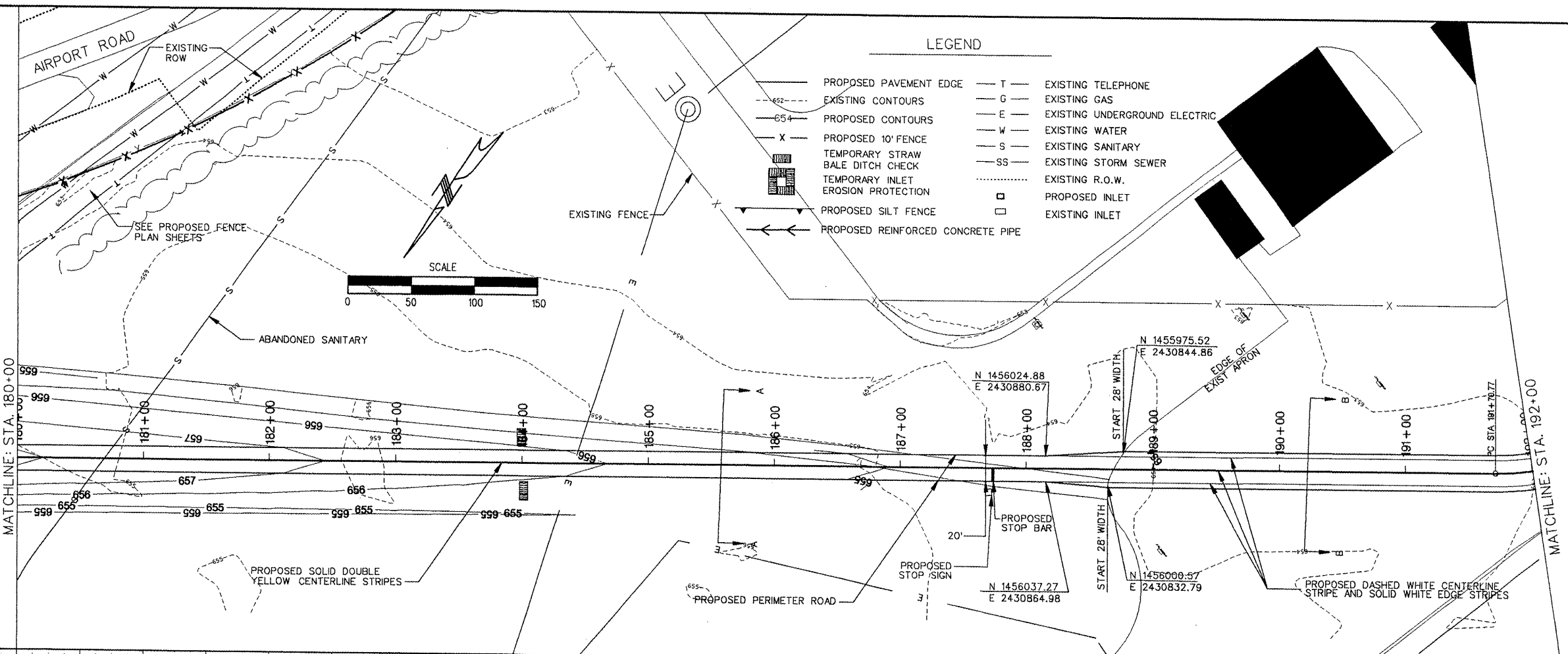
DATE: APRIL 24, 2008

JOB No: 0706104

PLAN AND PROFILE
SHEET 7 OF 10

SHEET 17 OF 140 SHEETS

4/23/2008
 K:\Peoria\070610400\Draw\Sheets\018_PLAN_08.dgn



LEGEND

- T — PROPOSED PAVEMENT EDGE
- - - G - - - EXISTING CONTOURS
- - - E - - - PROPOSED CONTOURS
- - - X - - - PROPOSED 10' FENCE
- TEMPORARY STRAW BALE DITCH CHECK
- TEMPORARY INLET
- EROSION PROTECTION
- PROPOSED SILT FENCE
- PROPOSED REINFORCED CONCRETE PIPE
- T — EXISTING TELEPHONE
- G — EXISTING GAS
- E — EXISTING UNDERGROUND ELECTRIC
- W — EXISTING WATER
- S — EXISTING SANITARY
- SS — EXISTING STORM SEWER
- EXISTING R.O.W.
- PROPOSED INLET
- EXISTING INLET

PE086

REVISIONS		
NUMBER	BY	DATE

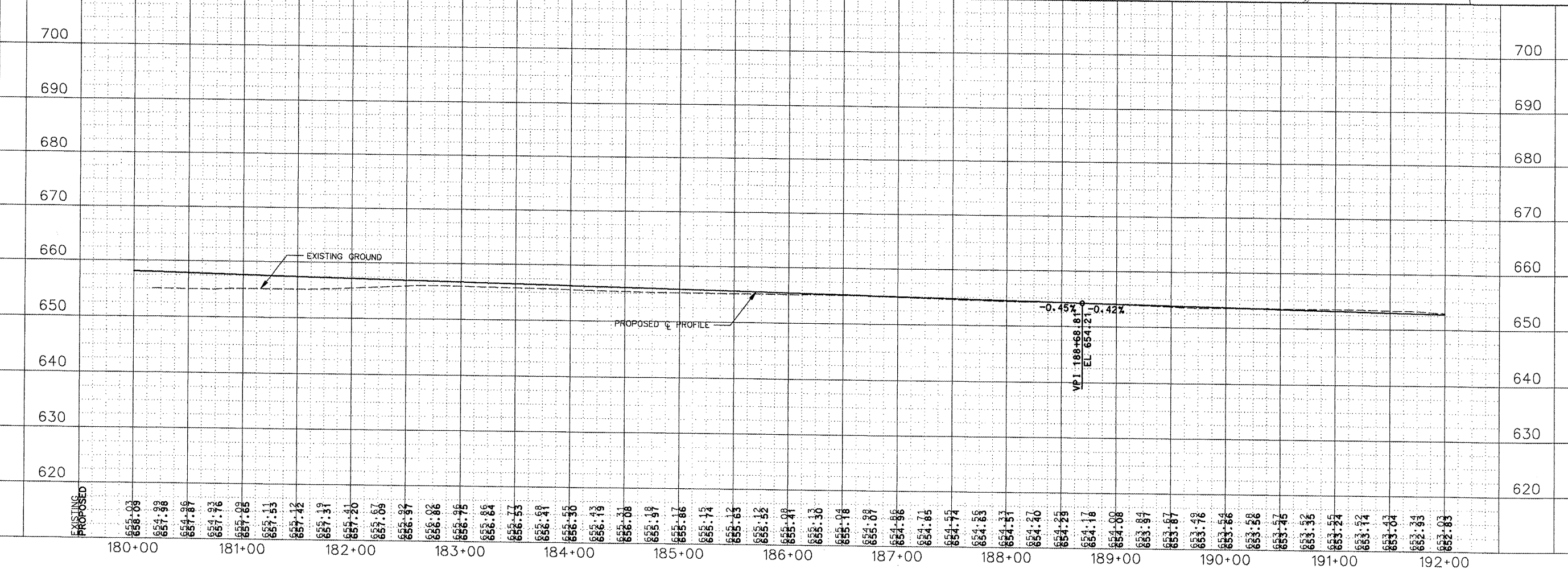
0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34x22).
 PLOT 1

GREATER
Peoria
 REGIONAL
Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

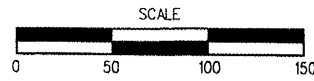
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IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX
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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PLAN AND PROFILE SHEET 8 OF 10
SHEET 18 OF 140 SHEETS



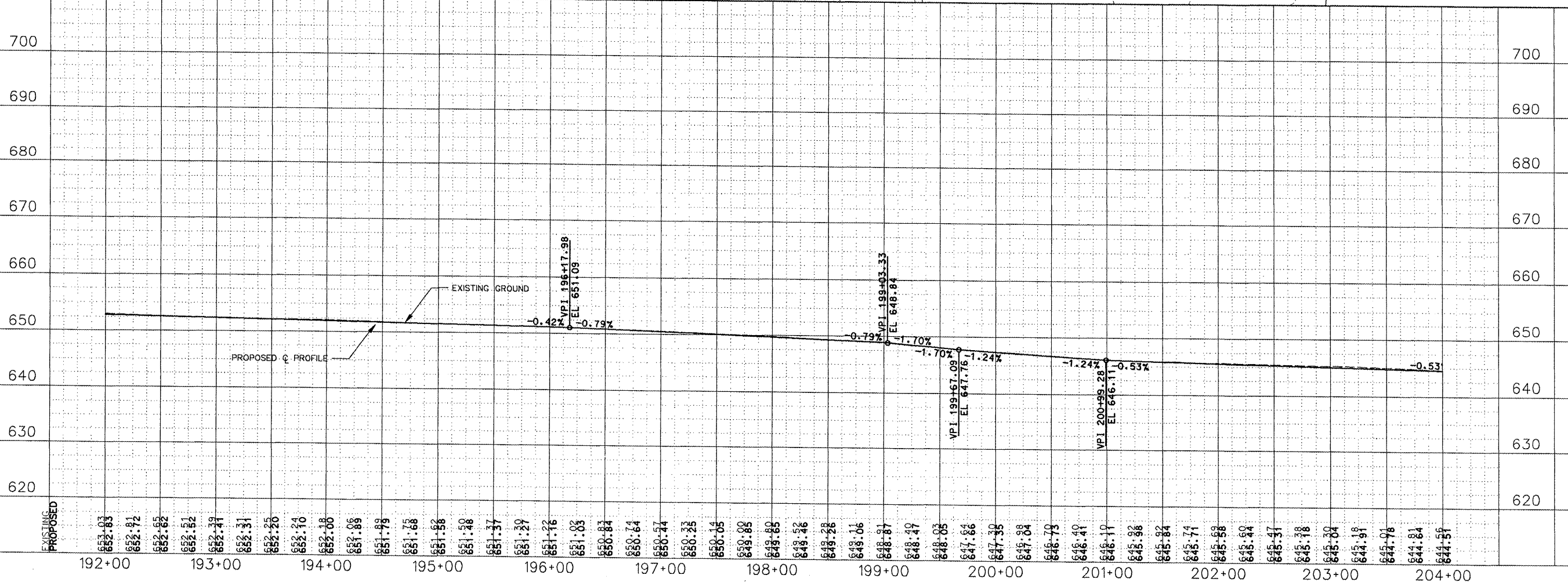
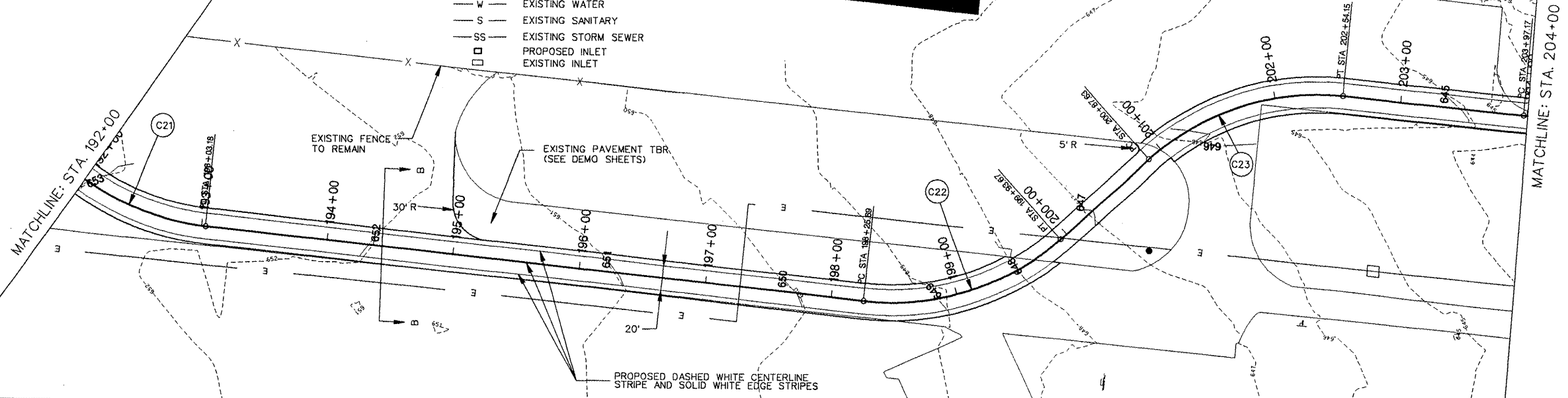
STATION	EXISTING ELEVATION	PROPOSED ELEVATION
180+00	656.03	656.03
180+10	654.98	654.98
180+20	657.98	657.98
180+30	654.86	654.86
180+40	654.93	654.93
180+50	657.16	657.16
180+60	657.05	657.05
180+70	655.11	655.11
180+80	657.53	657.53
180+90	655.12	655.12
181+00	657.42	657.42
181+10	657.39	657.39
181+20	657.20	657.20
181+30	655.67	655.67
181+40	657.09	657.09
181+50	655.97	655.97
181+60	656.02	656.02
181+70	656.86	656.86
181+80	656.75	656.75
181+90	656.86	656.86
182+00	656.73	656.73
182+10	656.49	656.49
182+20	656.30	656.30
182+30	656.43	656.43
182+40	656.08	656.08
182+50	656.19	656.19
182+60	656.41	656.41
182+70	656.67	656.67
182+80	656.15	656.15
182+90	656.63	656.63
183+00	656.12	656.12
183+10	656.12	656.12
183+20	656.01	656.01
183+30	656.13	656.13
183+40	656.18	656.18
183+50	654.99	654.99
183+60	655.07	655.07
183+70	654.66	654.66
183+80	654.86	654.86
183+90	654.71	654.71
184+00	654.55	654.55
184+10	654.66	654.66
184+20	654.66	654.66
184+30	654.66	654.66
184+40	654.66	654.66
184+50	654.66	654.66
184+60	654.66	654.66
184+70	654.66	654.66
184+80	654.66	654.66
184+90	654.66	654.66
185+00	654.66	654.66
185+10	654.66	654.66
185+20	654.66	654.66
185+30	654.66	654.66
185+40	654.66	654.66
185+50	654.66	654.66
185+60	654.66	654.66
185+70	654.66	654.66
185+80	654.66	654.66
185+90	654.66	654.66
186+00	654.66	654.66
186+10	654.66	654.66
186+20	654.66	654.66
186+30	654.66	654.66
186+40	654.66	654.66
186+50	654.66	654.66
186+60	654.66	654.66
186+70	654.66	654.66
186+80	654.66	654.66
186+90	654.66	654.66
187+00	654.66	654.66
187+10	654.66	654.66
187+20	654.66	654.66
187+30	654.66	654.66
187+40	654.66	654.66
187+50	654.66	654.66
187+60	654.66	654.66
187+70	654.66	654.66
187+80	654.66	654.66
187+90	654.66	654.66
188+00	654.66	654.66
188+10	654.66	654.66
188+20	654.66	654.66
188+30	654.66	654.66
188+40	654.66	654.66
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188+60	654.66	654.66
188+70	654.66	654.66
188+80	654.66	654.66
188+90	654.66	654.66
189+00	654.66	654.66
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189+60	654.66	654.66
189+70	654.66	654.66
189+80	654.66	654.66
189+90	654.66	654.66
190+00	654.66	654.66
190+10	654.66	654.66
190+20	654.66	654.66
190+30	654.66	654.66
190+40	654.66	654.66
190+50	654.66	654.66
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190+80	654.66	654.66
190+90	654.66	654.66
191+00	654.66	654.66
191+10	654.66	654.66
191+20	654.66	654.66
191+30	654.66	654.66
191+40	654.66	654.66
191+50	654.66	654.66
191+60	654.66	654.66
191+70	654.66	654.66
191+80	654.66	654.66
191+90	654.66	654.66
192+00	654.66	654.66

4/23/2008
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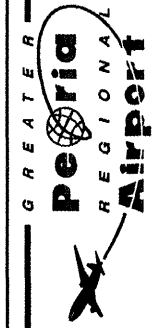
LEGEND

- PROPOSED PAVEMENT EDGE
- - - EXISTING CONTOURS
- - - PROPOSED CONTOURS
- X PROPOSED 10' FENCE
- [Hatched Box] TEMPORARY STRAW BALE DITCH CHECK
- [Square Box] TEMPORARY INLET EROSION PROTECTION
- PROPOSED SILT FENCE
- PROPOSED REINFORCED CONCRETE PIPE
- T EXISTING TELEPHONE
- G EXISTING GAS
- E EXISTING UNDERGROUND ELECTRIC
- W EXISTING WATER
- S EXISTING SANITARY
- SS EXISTING STORM SEWER
- [Square Box] PROPOSED INLET
- [Circle Box] EXISTING INLET

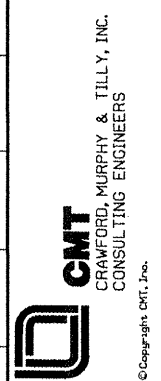


PE086

REVISIONS		
NUMBER	BY	DATE



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

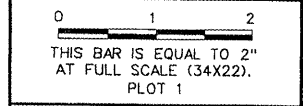


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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PLAN AND PROFILE SHEET 9 OF 10
SHEET 19 OF 140 SHEETS

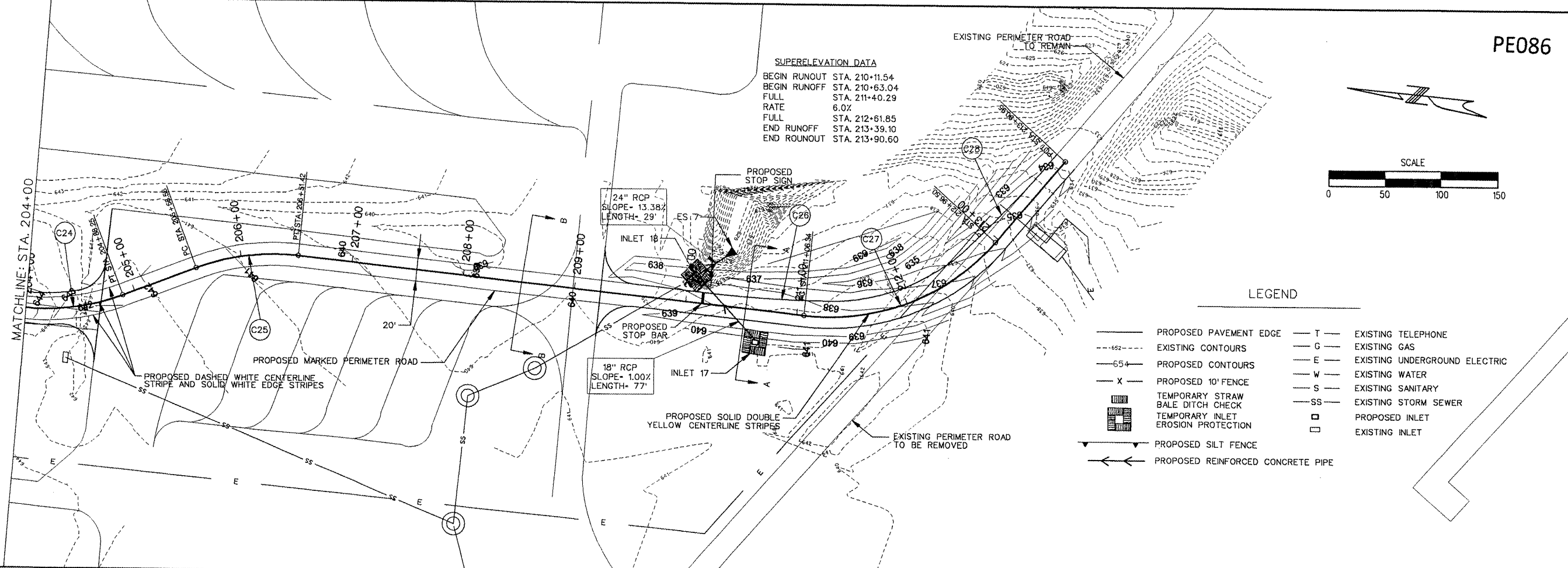
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REVISIONS		
NUMBER	BY	DATE

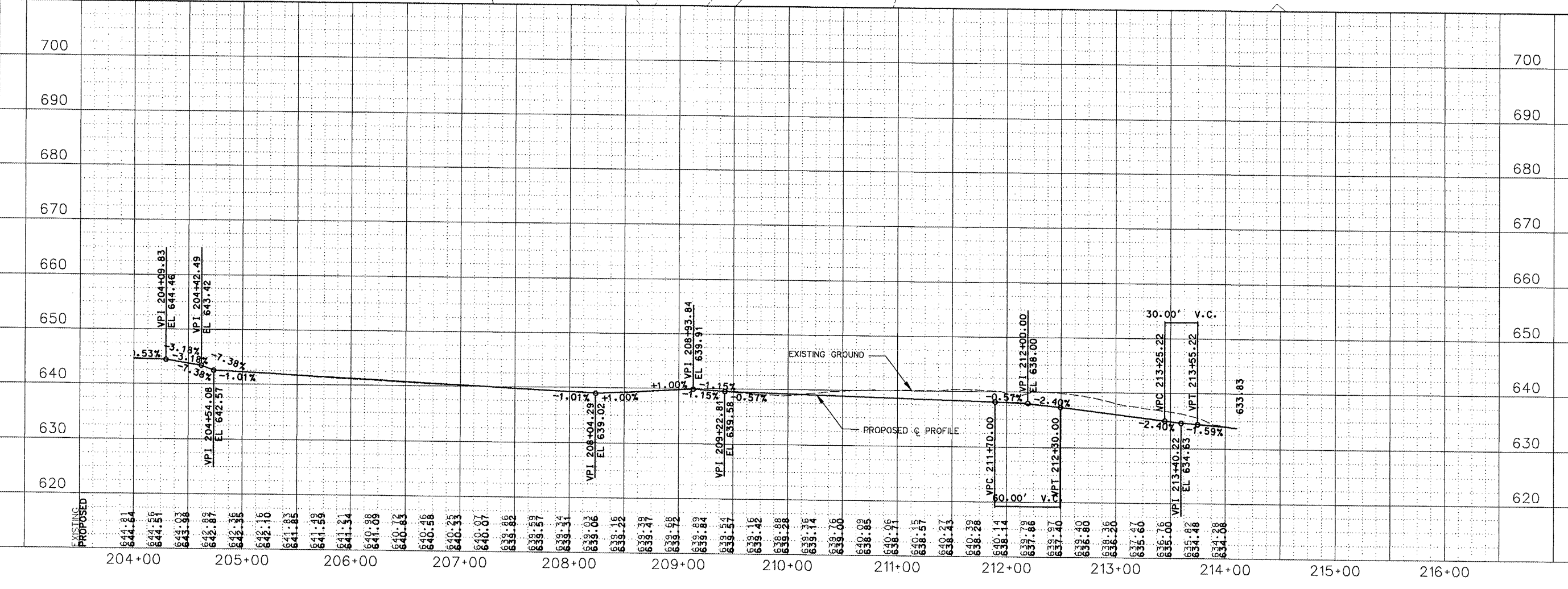


SUPERELEVATION DATA
 BEGIN RUNOUT STA. 210+11.54
 BEGIN RUNOFF STA. 210+63.04
 FULL STA. 211+40.29
 RATE 6.0%
 FULL STA. 212+61.85
 END RUNOFF STA. 213+39.10
 END RUNOUT STA. 213+90.60



LEGEND

- PROPOSED PAVEMENT EDGE
- - - EXISTING CONTOURS
- - - PROPOSED CONTOURS
- X PROPOSED 10' FENCE
- TEMPORARY STRAW BALE DITCH CHECK
- TEMPORARY INLET EROSION PROTECTION
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- G EXISTING GAS
- E EXISTING UNDERGROUND ELECTRIC
- W EXISTING WATER
- S EXISTING SANITARY
- SS EXISTING STORM SEWER
- PROPOSED INLET
- EXISTING INLET



GREATER Peoria REGIONAL Airport

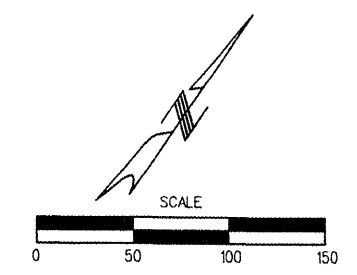
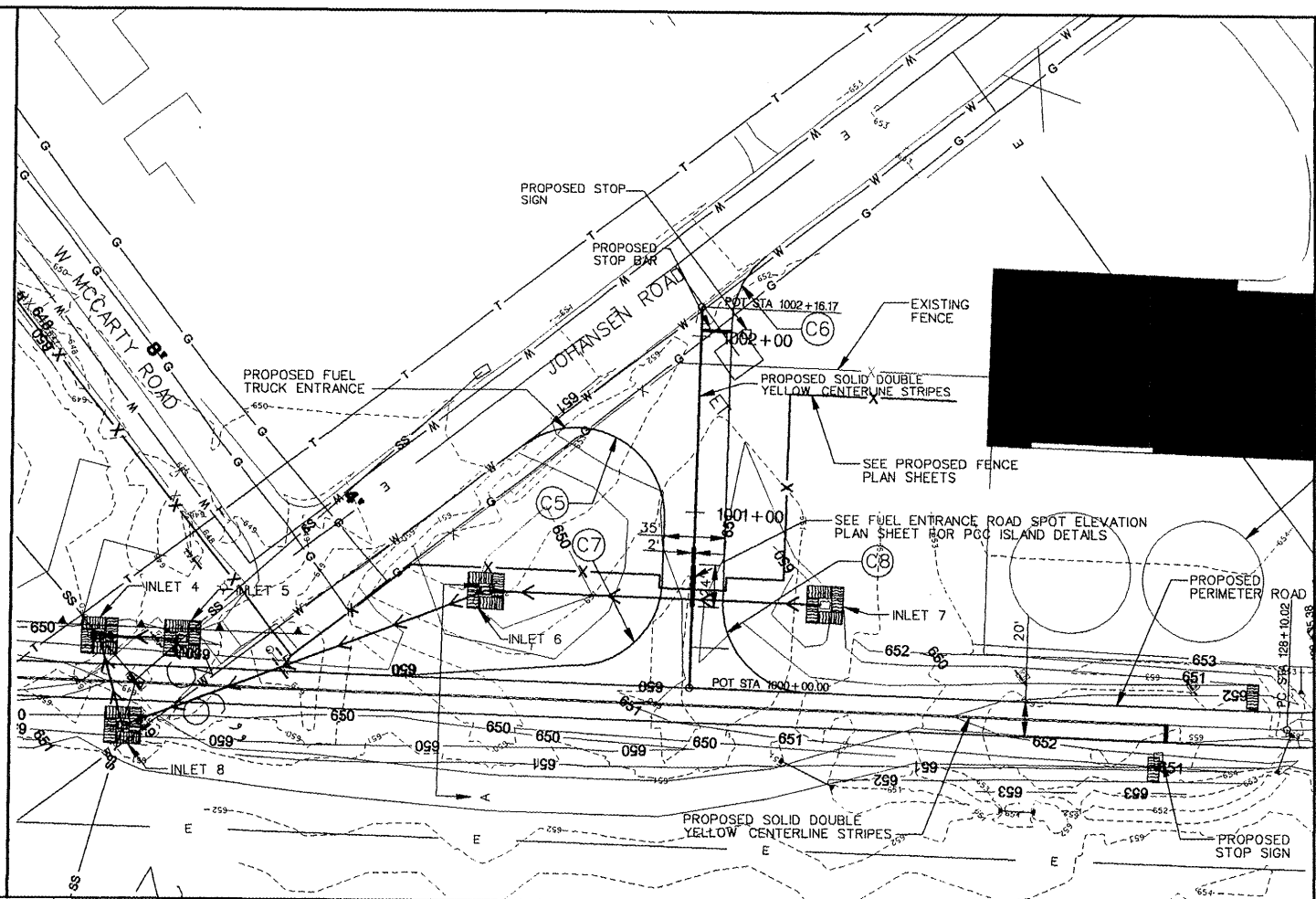
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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DATE: APRIL 24, 2008
JOB No: 0706104

PLAN AND PROFILE
 SHEET 10 OF 10
 SHEET 20 OF 140 SHEETS

4/23/2008
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EXISTING PARKING FOR HELICOPTERS (2)

- LEGEND**
- PROPOSED PAVEMENT EDGE
 - - - 652 - - - EXISTING CONTOURS
 - - - 654 - - - PROPOSED CONTOURS
 - X - PROPOSED 10' FENCE
 - [Hatched Box] TEMPORARY STRAW BALE DITCH CHECK
 - [Hatched Box] TEMPORARY INLET EROSION PROTECTION
 - PROPOSED SILT FENCE
 - ←←← PROPOSED REINFORCED CONCRETE PIPE
 - T — EXISTING TELEPHONE
 - G — EXISTING GAS
 - E — EXISTING WATER
 - S — EXISTING SANITARY
 - SS — EXISTING STORM SEWER

PE086

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1

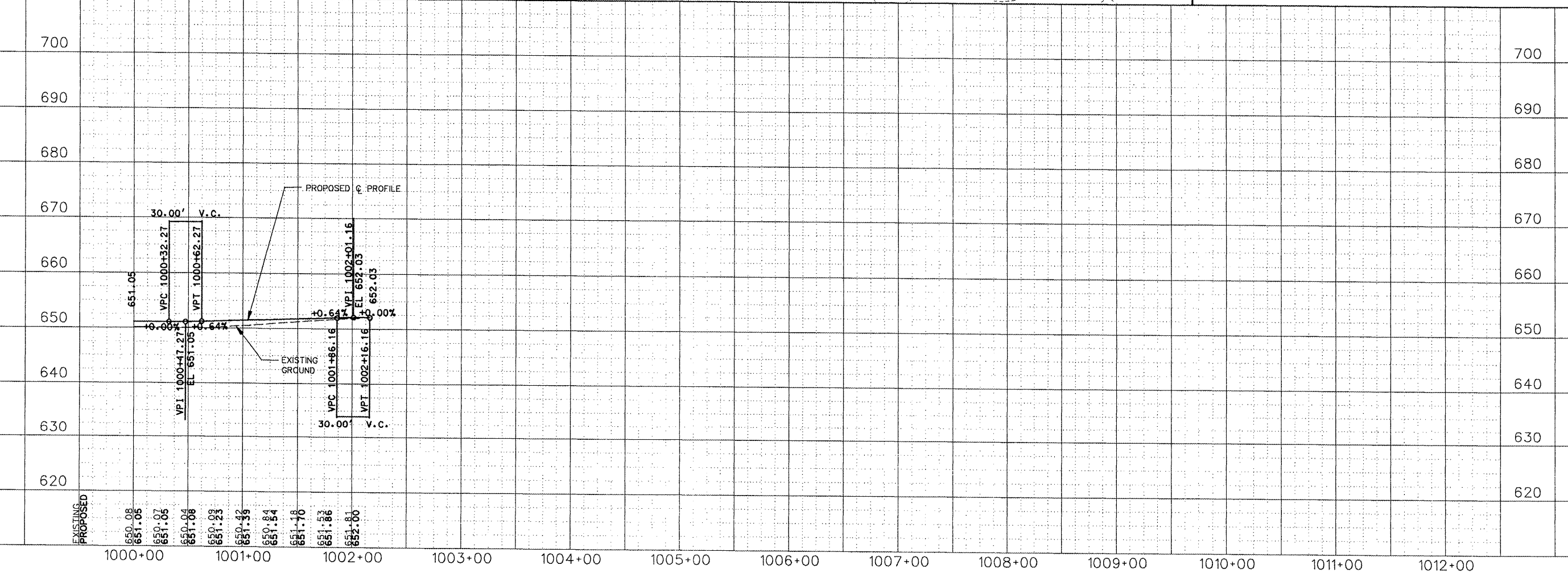
GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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AIP PROJ: 3-17-0080-XX
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104

FUEL ENTRANCE ROAD
PLAN AND PROFILE
SHEET 21 OF 140 SHEETS



HORIZONTAL CURVE DATA

PE086

REVISIONS

Table with columns: NUMBER, BY, DATE

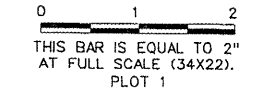


Table with columns: CURVE, POINT, OFFSET, COORDINATES (NORTHING, EASTING), CURVE ELEMENTS (RADIUS, LENGTH, DELTA)

AIRFIELD DRAINAGE INLET LOCATION AND INVERT SCHEDULE

Table with columns: INLET NO., INLET TYPE, STATION, OFFSET, COORDINATES, RIM ELEV., INVERT ELEVATIONS (NORTH, SOUTH, EAST, WEST)

AIRFIELD FLARED END SECTION LOCATION SCHEDULE

Table with columns: END NO., STATION, OFFSET, COORDINATES, FLOWLINE ELEV.

AIRFIELD MANHOLE LOCATION SCHEDULE

Table with columns: END NO., STATION, OFFSET, COORDINATES, TOP ELEV., FLOWLINE ELEV.

GREATER Peoria REGIONAL Airport CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

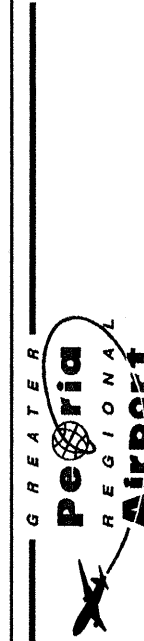
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IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX FILE: ...Draw\Sheets\022_Curve_Data.dgn DESIGN BY: TWM, RBL DRAWN BY: CAG CHECKED BY: RBL APPROVED BY: CET DATE: APRIL 24, 2008 JOB No: 0706104 LAYOUT AND DRAINAGE PLAN SCHEDULE SHEET 22 OF 140 SHEETS

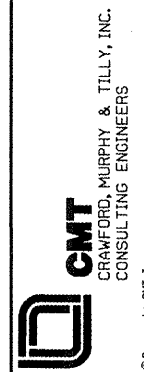
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NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ...023_Drainage_Details.dgn

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

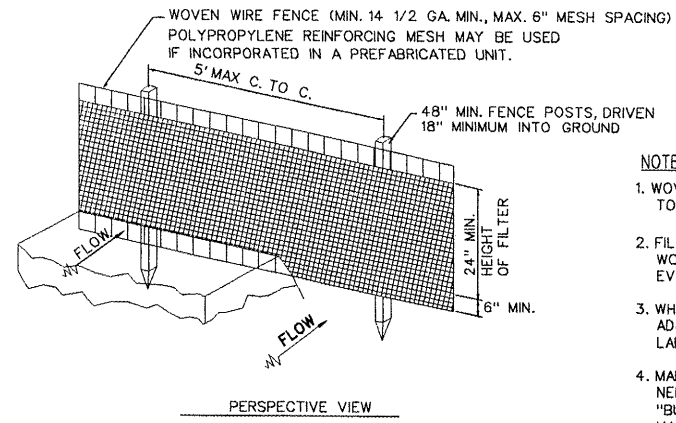
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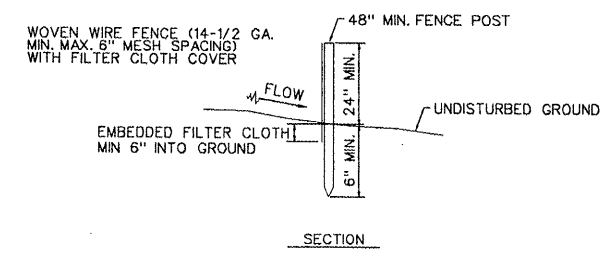
JOB No: 0706104

DRAINAGE DETAILS
SHEET 1 OF 6

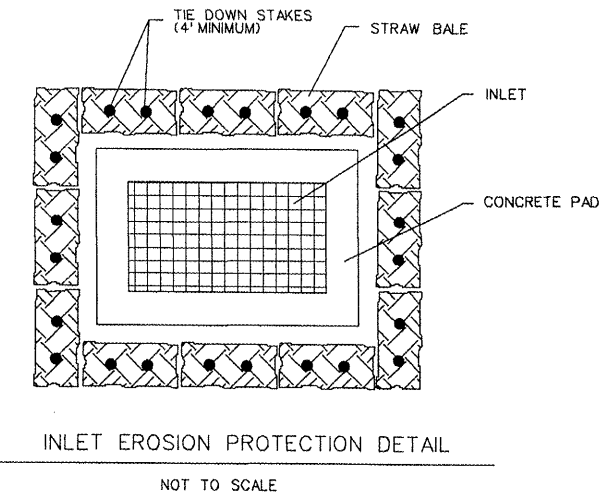
SHEET 23 OF 140 SHEETS



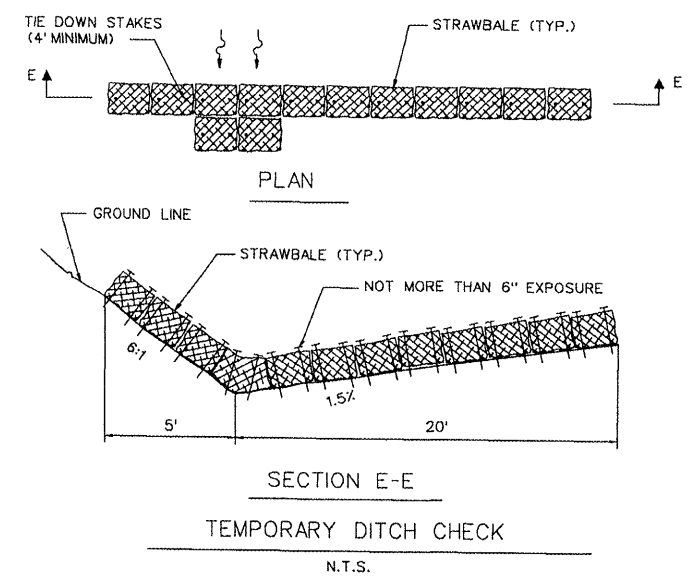
- NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" MIN. AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE. MAINTENANCE, WHICH INCLUDES THE REPLACEMENT OF DAMAGED FENCE SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE EROSION CONTROL FENCE.



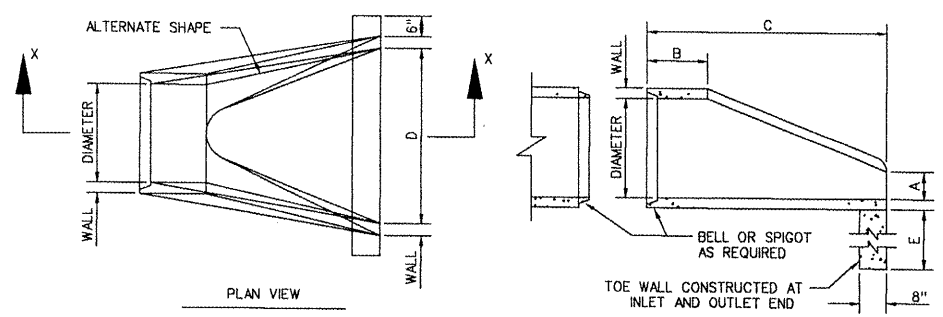
EROSION CONTROL FABRIC FENCE DETAIL
N.T.S.



INLET EROSION PROTECTION DETAIL
NOT TO SCALE

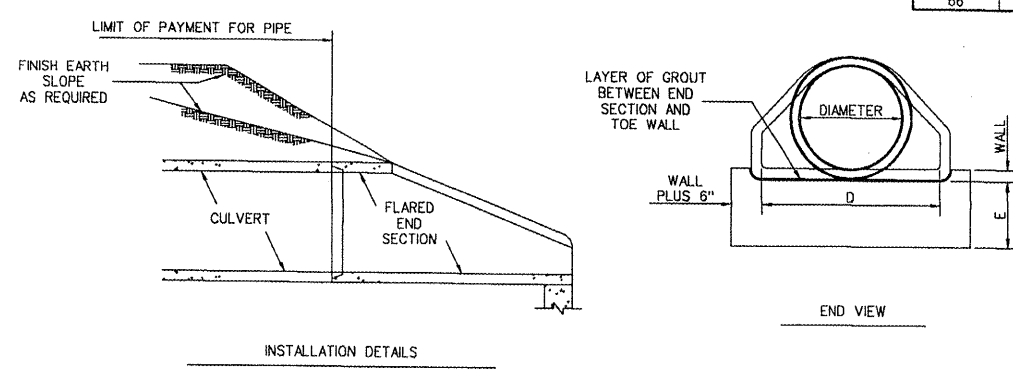


SECTION E-E
TEMPORARY DITCH CHECK
N.T.S.



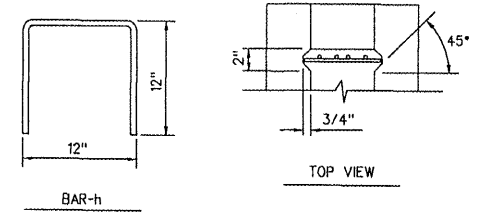
PLAN VIEW
SECTION X-X

ADJOINING PIPE DIA. INCHES	REINFORCEMENT			
	BARREL SECTION REINFORCEMENT		FLARE SECTION REINFORCEMENT (ONE LAYER ONLY IN CENTER OF WALL)	
	INNER CAGE SQ. IN./LIN. FT.	OUTER CAGE SQ. IN./LIN. FT.	ELLIPTICAL	AREA OF LONGITUDINAL SQ. IN./LIN. FT.
12	0.07			0.048
15	0.07			0.054
18	0.07		0.07	0.060
21	0.07		0.07	0.066
24	0.07		0.07	0.072
27	0.13		0.11	0.078
30	0.14		0.12	0.084
36	0.12	0.09	0.13	0.096
42	0.15	0.12	0.17	0.108
48	0.18	0.14	0.20	0.120
54	0.22	0.16	0.24	0.132
60	0.25	0.19	0.28	0.144
66	0.31	0.23	0.34	0.156



INSTALLATION DETAILS

DIMENSIONS						
DIA.	WALL	A	B (MIN.)	C (MIN.)	D	E
12"	2"	4"	4'-0"	6'	2'-0"	18"
15"	2-1/4"	6"	3'-10"	6'	2'-6"	18"
18"	2-1/2"	9"	3'-10"	6'	3'-0"	18"
21"	2-3/4"	9"	3'-2"	6'	3'-0"	18"
24"	3"	9-1/2"	2'-6"	6'	4'-0"	24"
27"	3-1/4"	10-1/2"	2'-1"	6'	4'-6"	24"
30"	3-1/2"	1'-0"	1'-7"	6'	5'-0"	24"
36"	4"	1'-3"	2'-10"	8'	6'-0"	24"
42"	4-1/2"	1'-9"	2'-11"	8'	6'-6"	24"
48"	5"	2'-0"	2'-2"	8'	7'-0"	24"
54"	5-1/2"	2'-3"	2'-11"	8'	7'-6"	36"
60"	6"	2'-6"	3'-3"	8'	8'-0"	36"
66"	6-1/2"	2'-0"	1'-9"	8'	8'-6"	36"



PRECAST CONCRETE FLARED END SECTION
NTS

INSIDE DIAMETER OF SEWER (INCHES)	MAXIMUM TRENCH WIDTH
6	3'-2"
8	3'-2"
10	3'-2"
12	3'-4"
15	3'-6"
18	3'-10"
21	4'-4"
24	4'-8"
27	4'-11"
30	5'-3"
33	6'-0"
36	6'-4"
42	6'-11"
48	7'-6"
54	8'-7"
60	9'-2"
66	9'-9"
72	10'-4"
78	10'-11"
84	11'-6"
90	12'-1"
96	12'-8"
102	13'-3"
108	13'-10"

STORM SEWER TRENCH DETAILS
N.T.S.

NOTE:
CONTRACTOR SHALL COMPACT FILL 2" ABOVE PROPOSED TOP OF PIPE ELEVATION PRIOR TO EXCAVATION OF PIPE TRENCH. BACKFILL PAVED AREAS WITH SELECT GRANULAR MATERIAL 2" ABOVE THE TOP OF PIPE. BACKFILL NON-PAVED AREAS WITH ORIGINALLY EXCAVATED FILL.

4/23/2008 K:\Peoria\0706104\00\Draw\Sheets\023_Drainage_Details.dgn

PE086

REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1

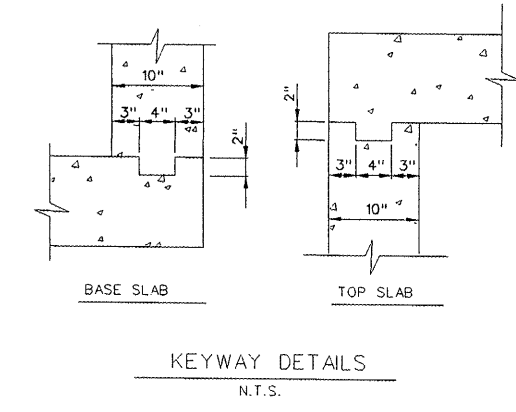
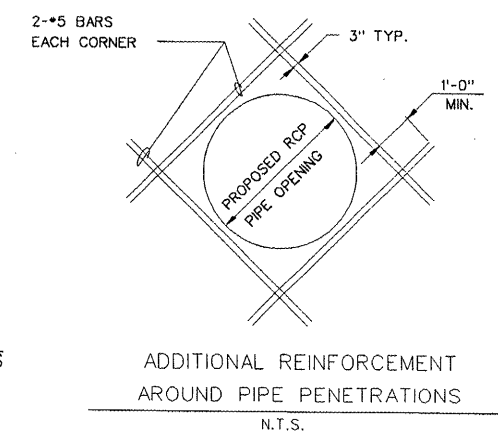
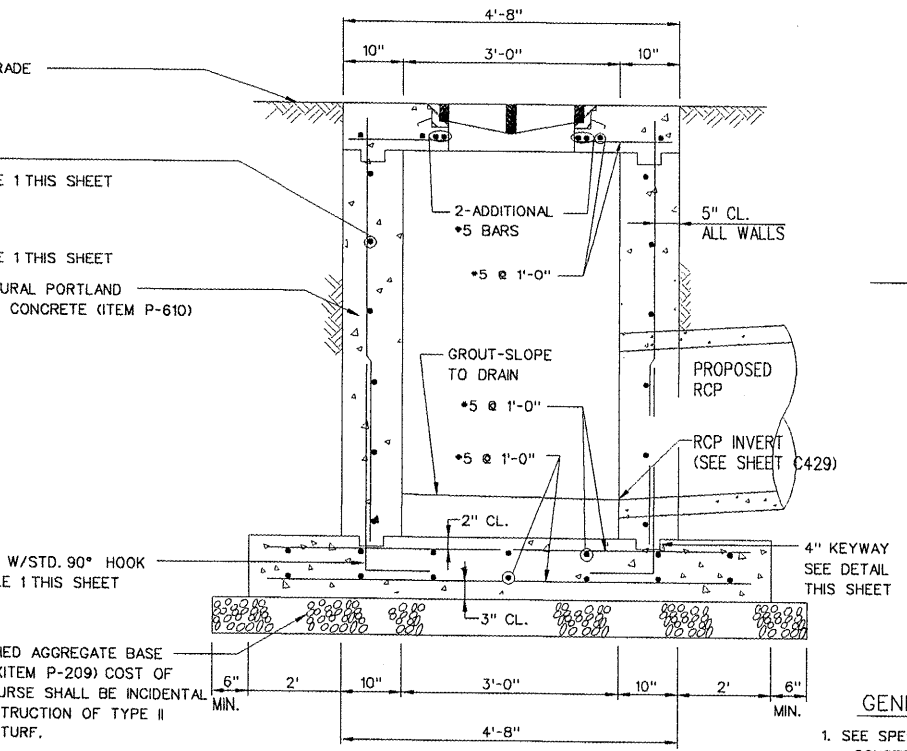
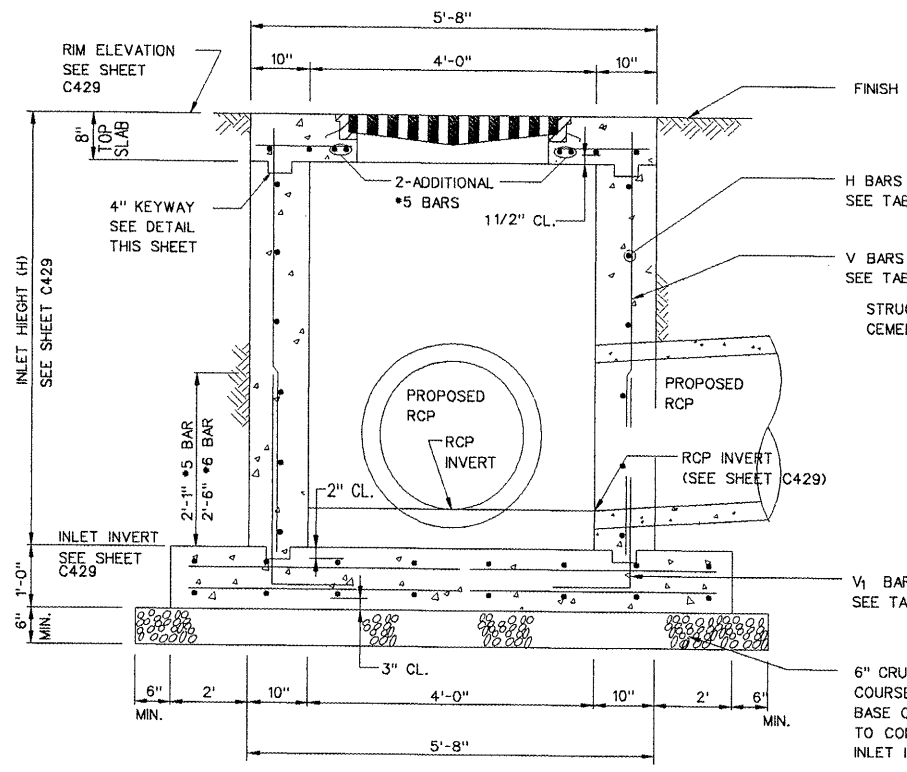
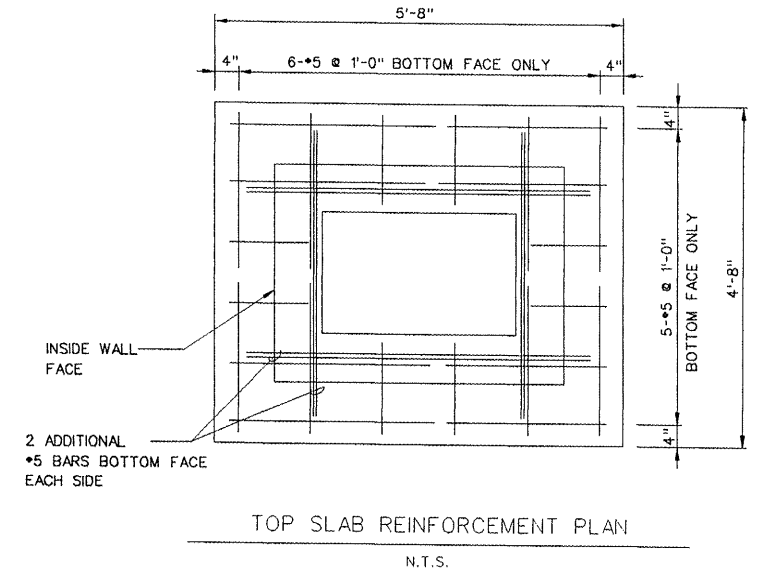
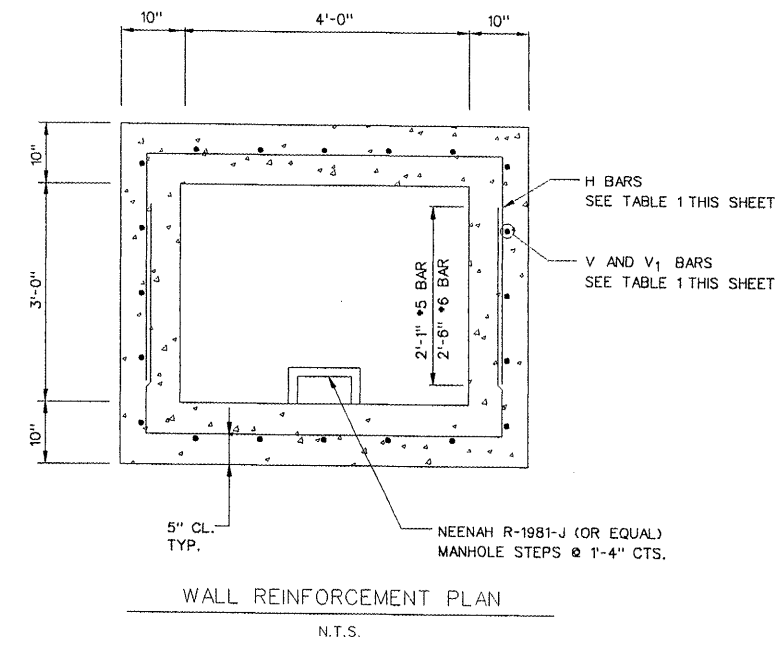
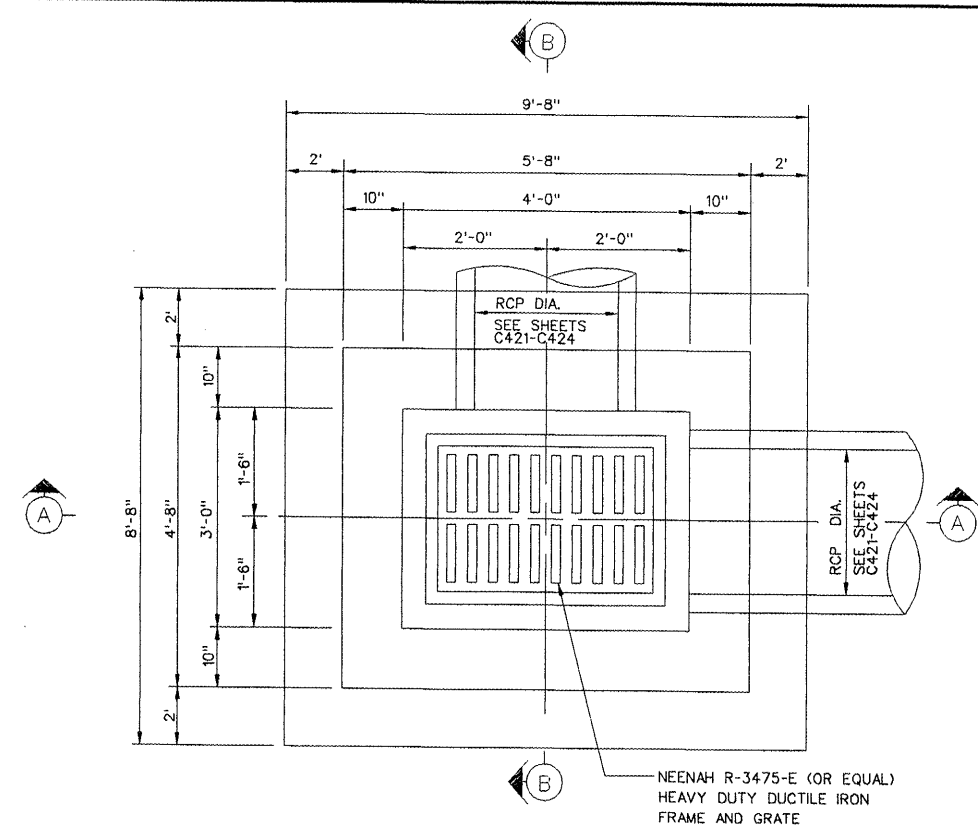


TABLE 1

INLET HEIGHT (H)	H BARS	V AND V ₁ BARS
H ≤ 5'	#5 @ 1'-0"	#5 @ 9"
5' < H ≤ 10'	#5 @ 1'-0"	#5 @ 9"
10' < H ≤ 15' (MAX)	#6 @ 1'-0"	#6 @ 1'-0"

GENERAL NOTES

- SEE SPECIFICATIONS FOR MATERIAL REQUIREMENTS, CONSTRUCTION METHODS, BASIS OF PAYMENT, AND OTHER REQUIREMENTS.
- PIPE PENETRATION OPENINGS FOR PRECAST STRUCTURES SHALL BE CIRCULAR. DIAMETER OF OPENING SHALL BE OUTSIDE PIPE DIAMETER PLUS 6 INCHES. GROUT OPENING SOLID WITH NON-SHRINK GROUT.
- SEE DRAINAGE STRUCTURE SCHEDULES SHEET C429 FOR INLET TYPE, LOCATION, SIZE, RIM ELEVATION, AND INVERT ELEVATION.

TYPE II INLET IN-TURF

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

CMT CRANFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS

IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ...024_Drainage_Details_2.dgn

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

DATE: APRIL 24, 2008

JOB No: 0706104

DRAINAGE DETAILS
SHEET 2 OF 6

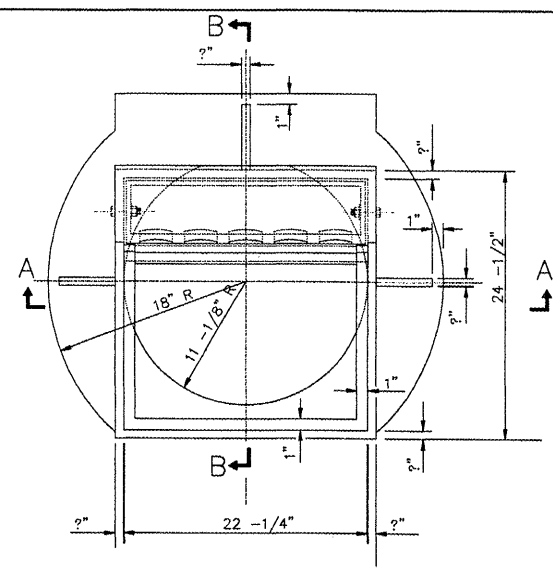
SHEET 24 OF 140 SHEETS

4/23/2008 K:\Peoria\070610400\Draw\Sheets\024_Drainage_Details_2.dgn

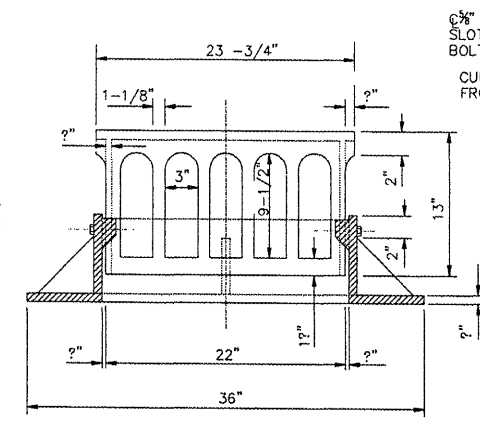
PE086

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NUMBER	BY	DATE

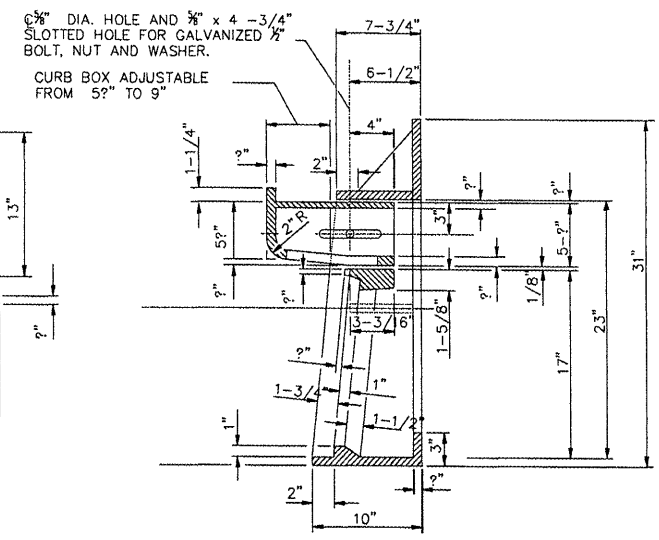
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THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1



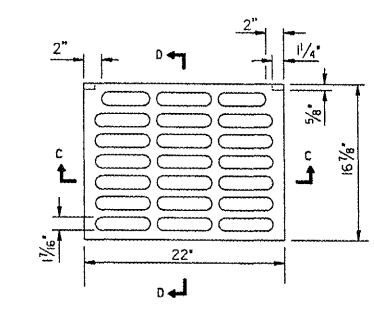
PLAN CAST FRAME
387 lbs.
N.T.S.



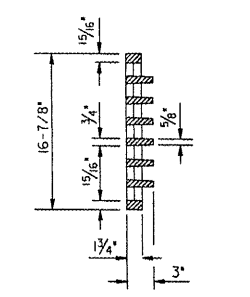
SECTION A-A



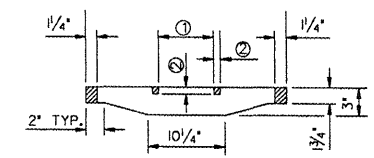
SECTION B-B



PLAN



SECTION D-D

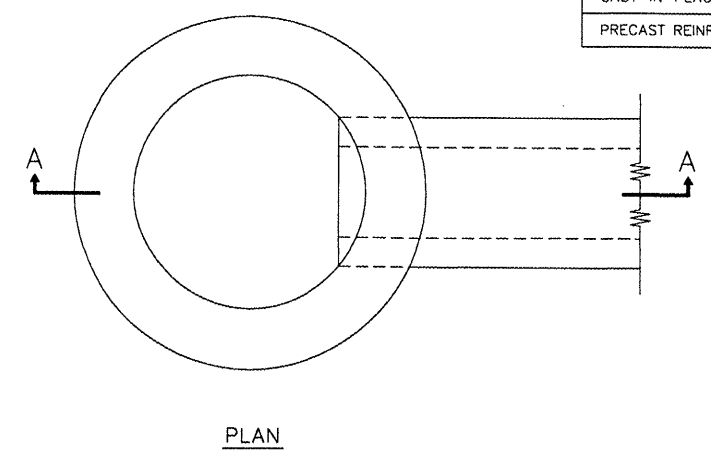


SECTION C-C
① = 6" TYP.
② = 9" TYP.

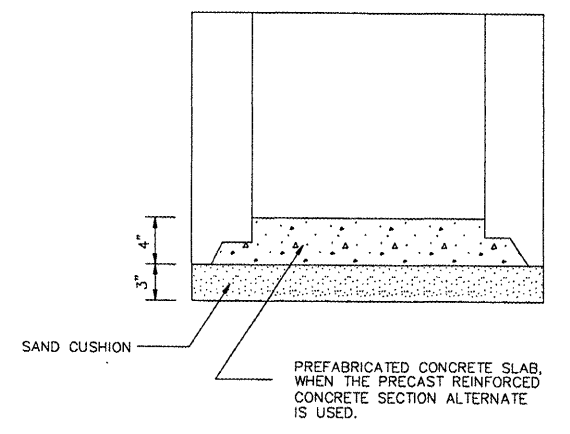
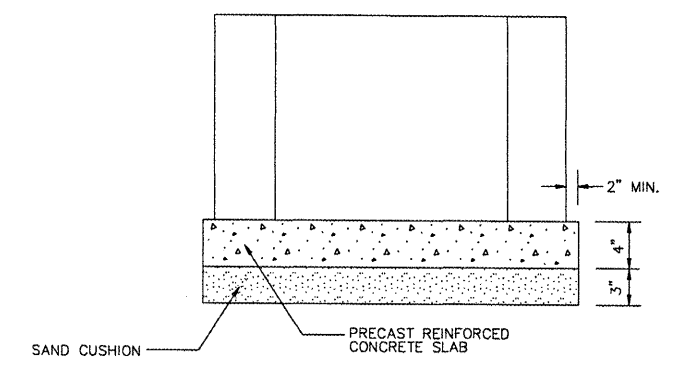
TYPE 3 CAST GRATE
(97 lbs.)
N.T.S.

FRAME AND GRATE TYPE 3
IDOT STANDARDS 604006 AND 604011

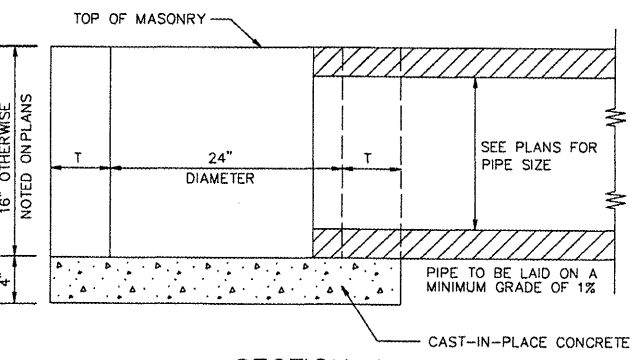
ALTERNATE MATERIALS FOR WALLS	T
CAST-IN-PLACE CONCRETE	6"
PRECAST REINFORCED CONCRETE SECTION	3"



PLAN

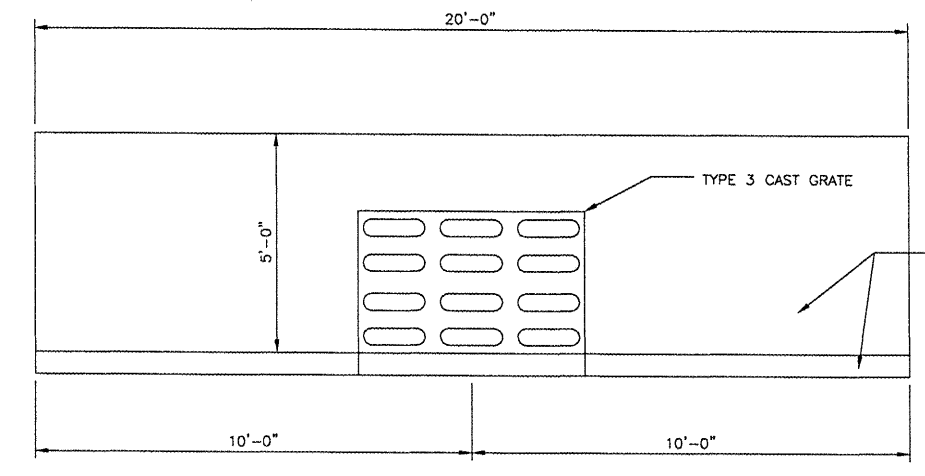


ALTERNATE METHODS
N.T.S.



SECTION A-A
N.T.S.

INLET - TYPE A
IDOT STANDARD 602301



COLLAPSED INLET REMOVAL AND REPLACEMENT DETAIL
N.T.S.

REMOVE AND REPLACE CURB AND ROADWAY PAVEMENT SURROUNDING INLET NO. 19

NOTES

- CONTRACTOR SHALL REMOVE EXISTING INLET.
- CONTRACTOR SHALL SAWCUT PAVEMENT AND CURB ADJACENT TO EXISTING INLET PRIOR TO REMOVAL.
- CONTRACTOR SHALL USE COMPACTED SELECT GRANULAR MATERIAL AS BEDDING AND BACKFILL FOR THE INLET.
- THE CONTRACTOR SHALL REPLACE THE CURB, GUTTER AND BITUMINOUS PAVEMENT.
- REPLACEMENT SECTION SHALL BE 6" BITUMINOUS PAVEMENT ON 12" OF CRUSHED AGGREGATE OR AS DIRECTED BY THE ENGINEER.

G R E A T E R
Peoria
R E G I O N A L
A i r p o r t

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

DRAINAGE DETAILS
SHEET 3 OF 6

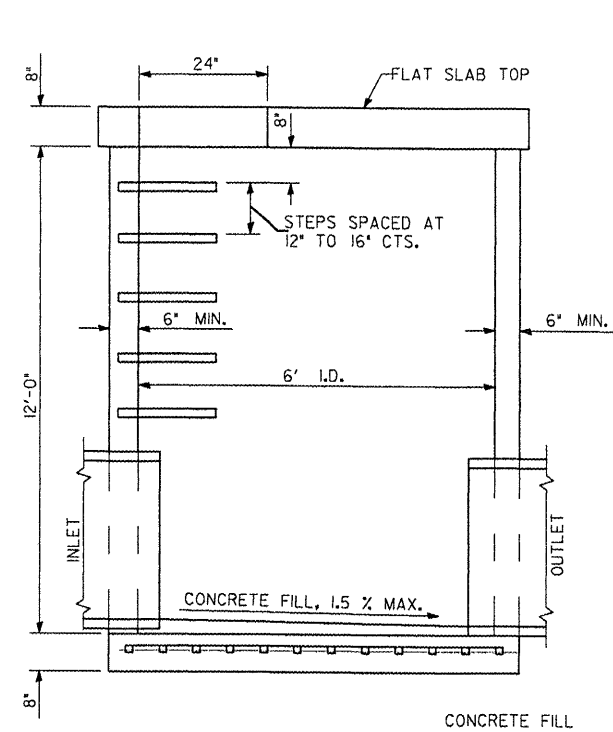
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PE086

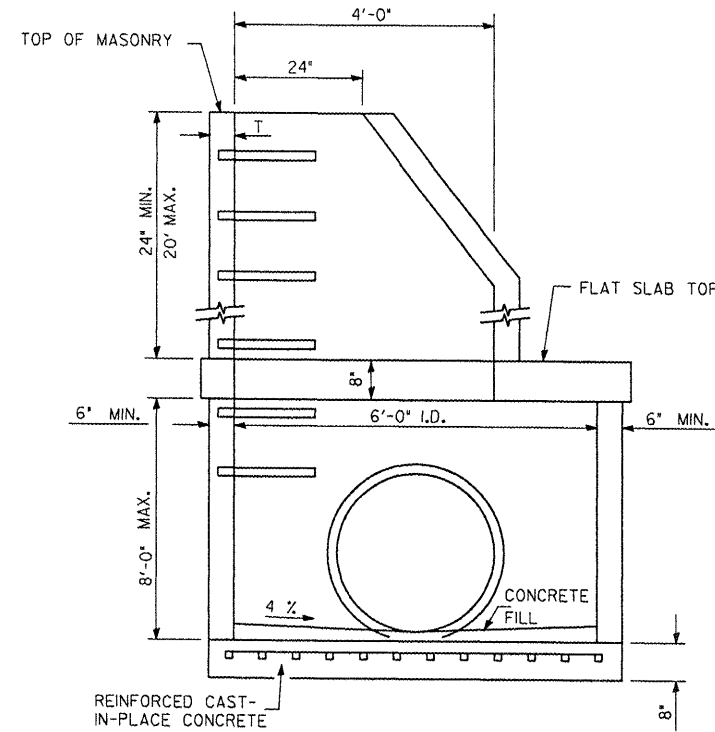
REVISIONS

NUMBER	BY	DATE

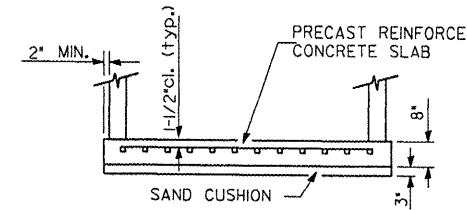
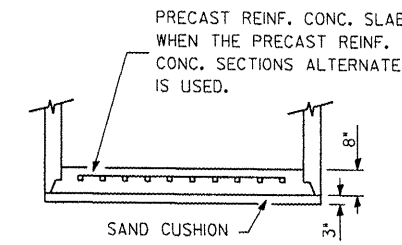
0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34x22). PLOT 1



ELEVATION



ELEVATION



ALTERNATE BOTTOM SLABS

GENERAL NOTES

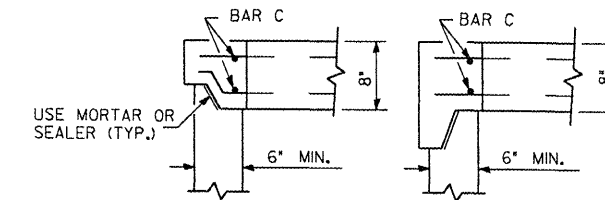
JOINT CONFIGURATION AND DIMENSIONS OF FLAT SLAB TOP SHALL MATCH AND FIT THE RISER JOINT DETAIL.

LIFTING DEVICES SHALL BE APPROVED BY THE ENGINEER.

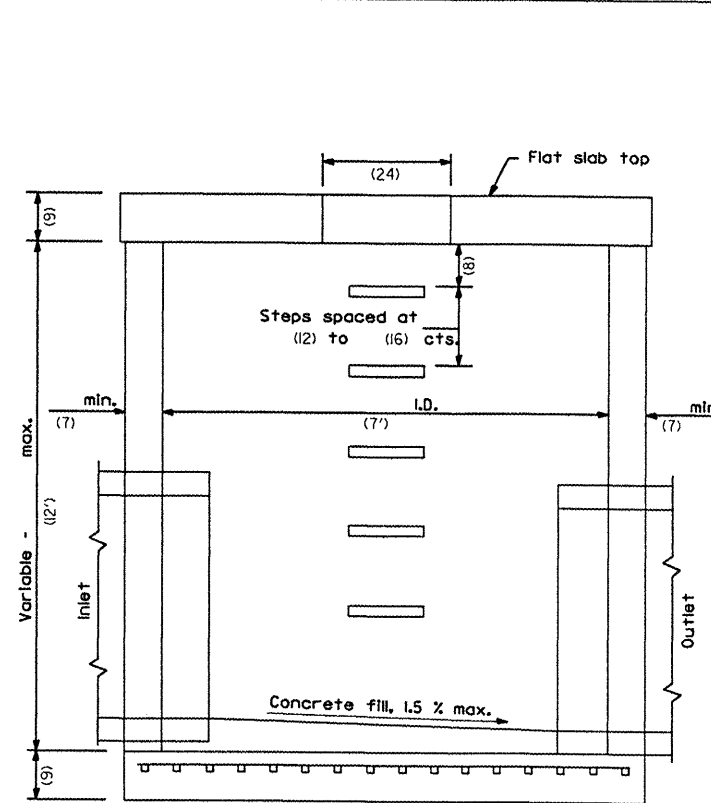
BOTTOM SLABS SHALL BE REINFORCED WITH A MINIMUM OF 975 MM²M (0.46 SQ. IN./FT.) IN BOTH DIRECTIONS.

SEE STANDARD 602701 FOR DETAILS OF MANHOLE STEPS.

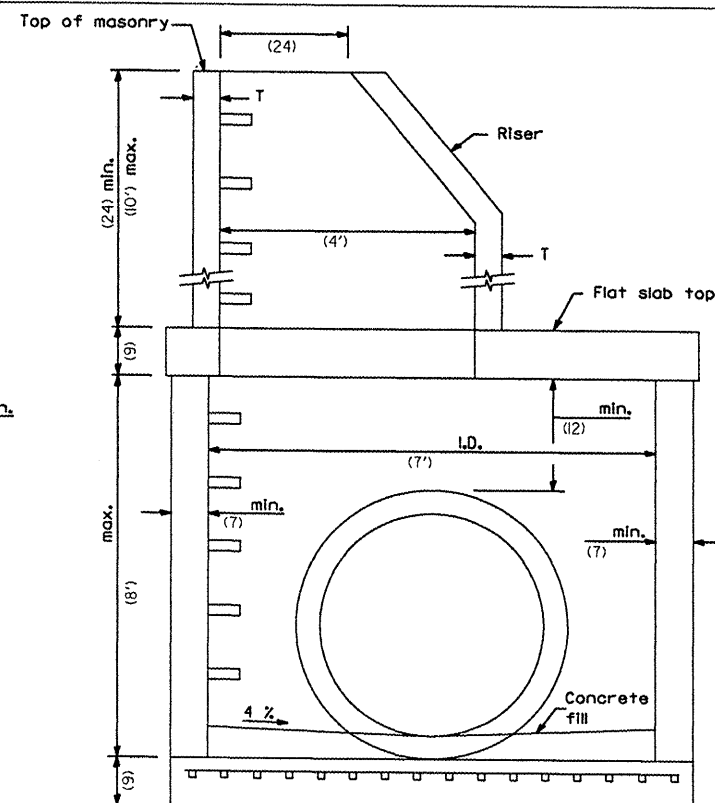
ALTERNATE MATERIALS FOR WALLS	(MIN)
CONCRETE MASONRY UNITS	5"
PRECAST REINFORCED CONCRETE SECTIONS	4"
CAST-IN-PLACE CONCRETE	6"



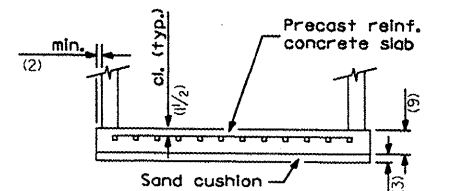
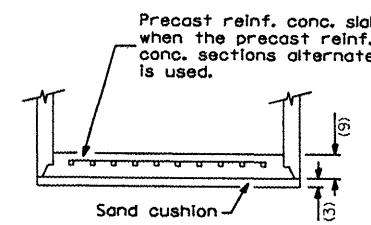
ALTERNATE JOINT CONFIGURATIONS



ELEVATION
(With Flat Slab Top Only)



ELEVATION
(With Flat Slab Top and Riser)



ALTERNATE BOTTOM SLABS

GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

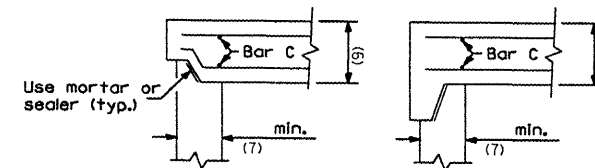
Lifting devices shall be approved by the Engineer.

Bottom slabs shall be reinforced with a minimum of 1270 sq. mm/m (0.60 sq. in./ft.) in both directions.

See Standard 602701 for details of manhole steps.

All dimensions are in millimeters (inches) unless otherwise shown.

ALTERNATE MATERIALS FOR RISER WALLS	(min)
Concrete Masonry Units	(5)
Precast Reinforced Concrete Sections	(4)
Cast-In-Place Concrete	(6)



ALTERNATE JOINT CONFIGURATIONS

MANHOLE TYPE A
(6' & 7') DIAMETER
(SHEET 1 OF 2)

GREATER Peoria REGIONAL Airport
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: SFILES
DESIGN BY: CET
DRAWN BY: CMT
CHECKED BY: XXX
APPROVED BY: XXX
DATE: 10-26-2007
JOB No: 0706104

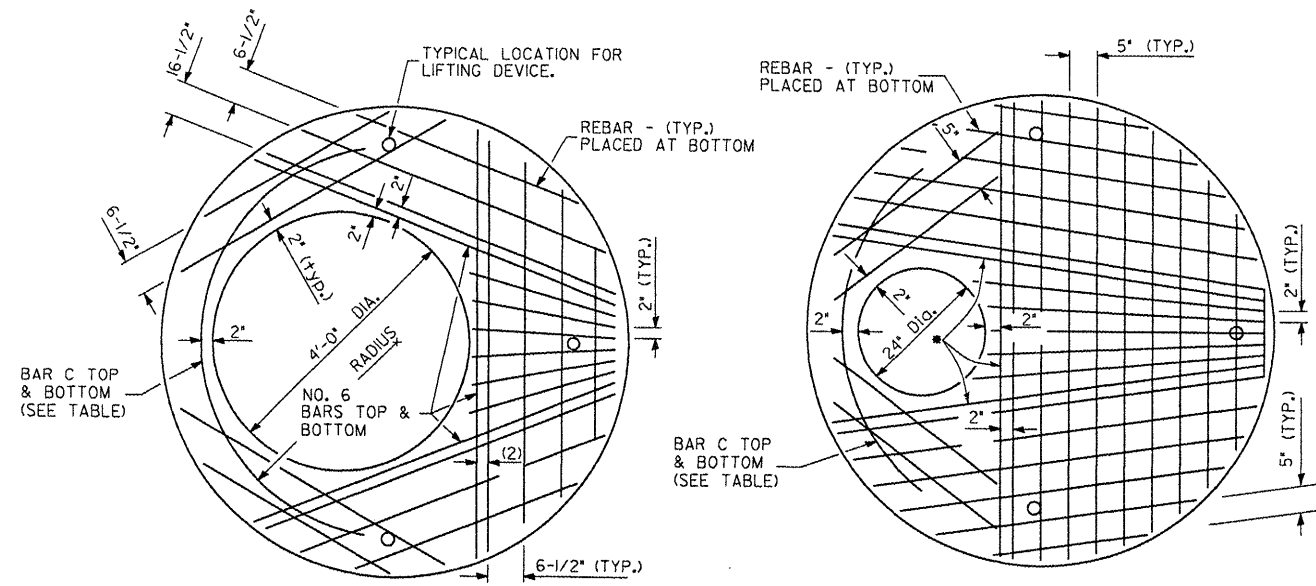
DRAINAGE DETAILS
SHEET 4 OF 6
SHEET 26 OF 140 SHEETS

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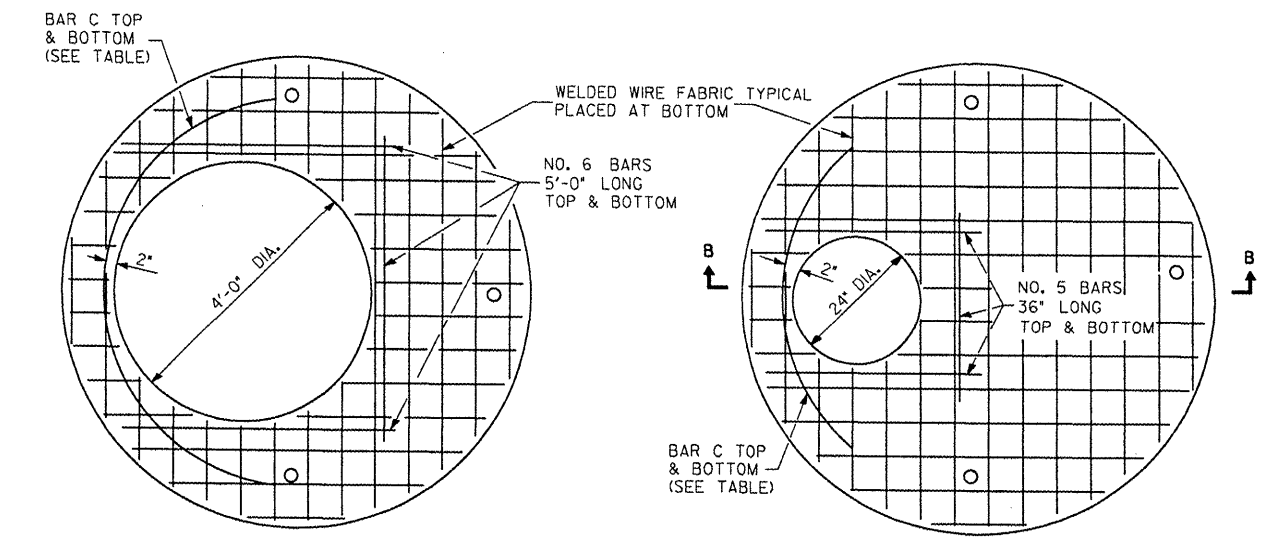
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
PLOT 1

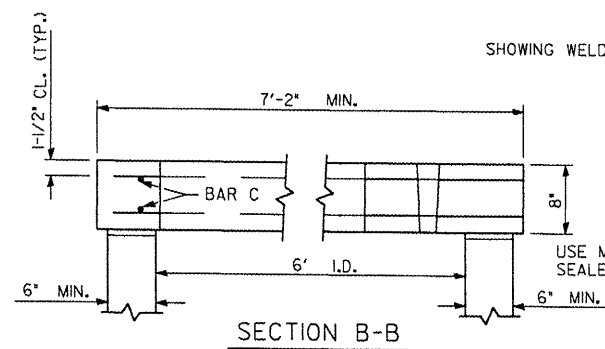


PLAN
SHOWING REBAR REINFORCEMENT
* (NO. 6) BARS TOP & BOTTOM

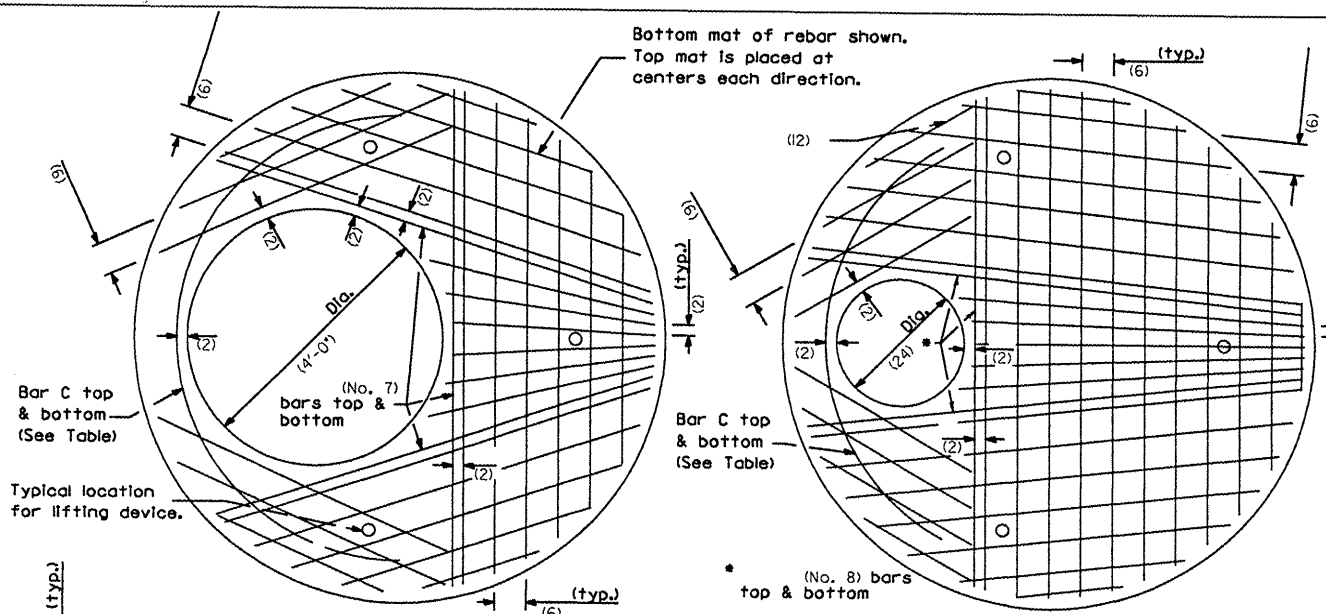
DIAMETER OF OPENING	THICKNESS	REINFORCEMENT *As* WWF EACH DIRECTION	BAR SIZE	NO. 13 (NO. 4) BAR C	
				LENGTH	RADIUS
24"	8"	1.06 SQ. IN./FT.	NO. 6	6'-0"	38"
4'-0"	8"	0.82 SQ. IN./FT.	NO. 6	9'-0"	38"



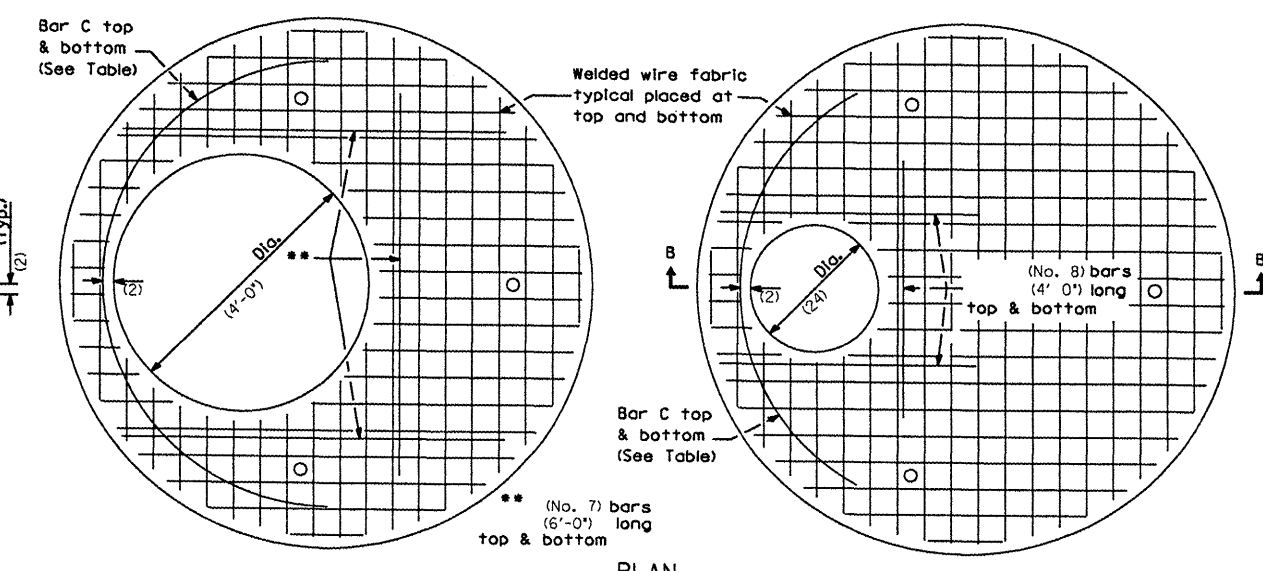
PLAN
SHOWING WELDED WIRE FABRIC REINFORCEMENT



SECTION B-B



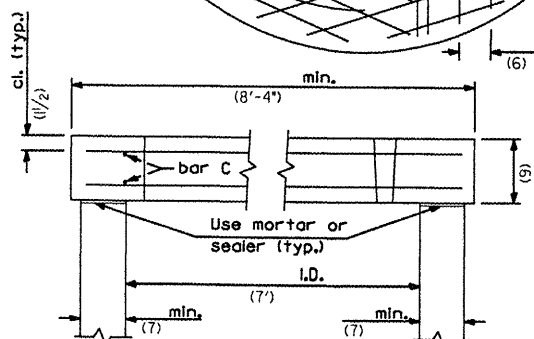
PLAN
Showing Rebar Reinforcement
* (No. 8) bars top & bottom



PLAN
Showing Welded Wire Fabric Reinforcement

Diameter of opening	Reinforcement Bar Size	Reinforcement *As* WWF each direction	No. 13 (No. 4) Bar C	
			Length	Radius
(24)	Bottom mat (No. 8)	Bottom mat (1.57) sq. in./ft.	(7'-6")	(3'-6")
	Top mat (No. 4)	Top mat (0.20) sq. in./ft.		
(4'-0")	Bottom mat (No. 7)	Bottom mat (1.20) sq. in./ft.	(11'-0")	(3'-6")
	Top mat (No. 4)	Top mat (0.20) sq. in./ft.		

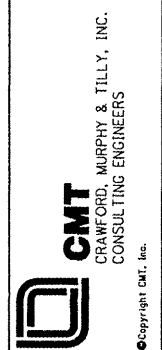
A maximum of two layers of welded wire fabric may be used to satisfy the required 'As' for each mat.



SECTION B-B
(Typical of each top)



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE:	SFILES
DESIGN BY:	CET
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DATE:	10-26-2007
JOB No:	0706104

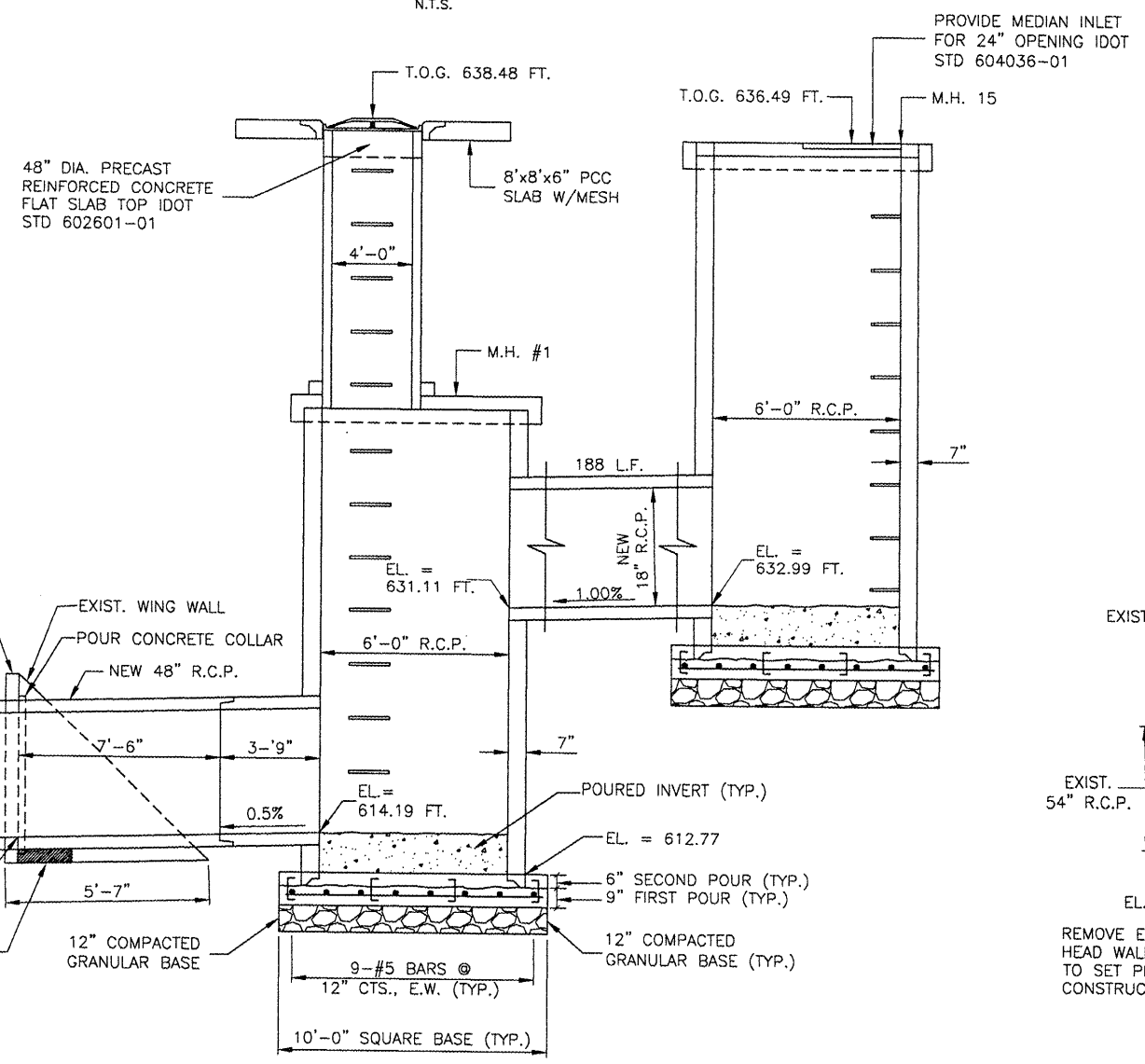
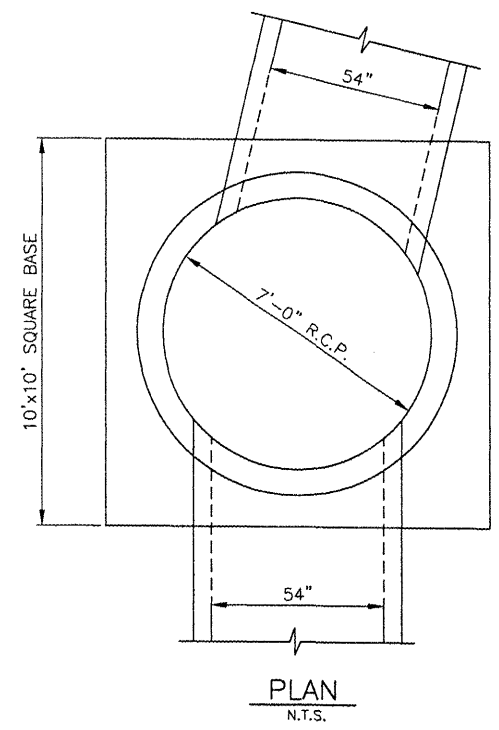
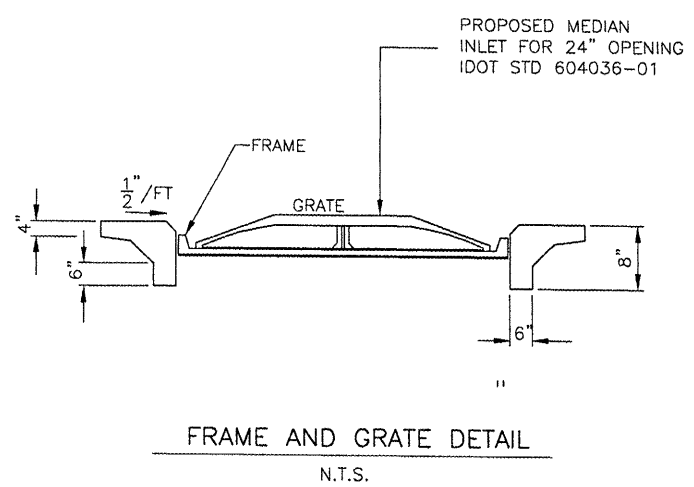
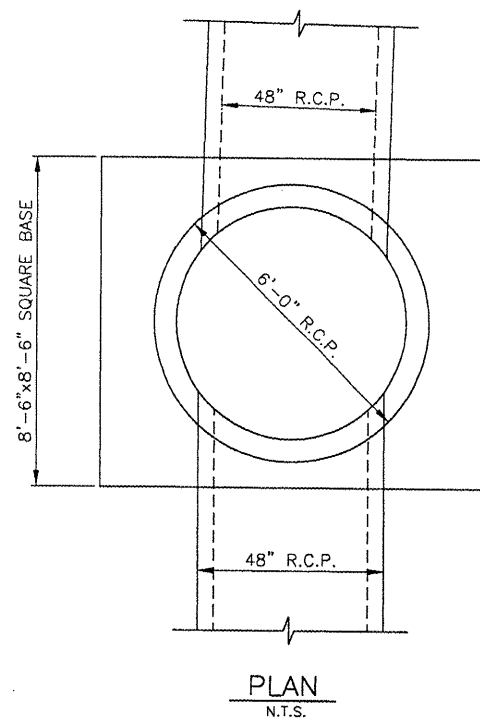
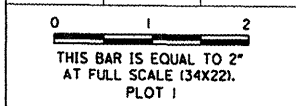
DRAINAGE DETAILS
SHEET 5 OF 6

MANHOLE TYPE A
(6' & 7') DIAMETER
(SHEET 2 OF 2)

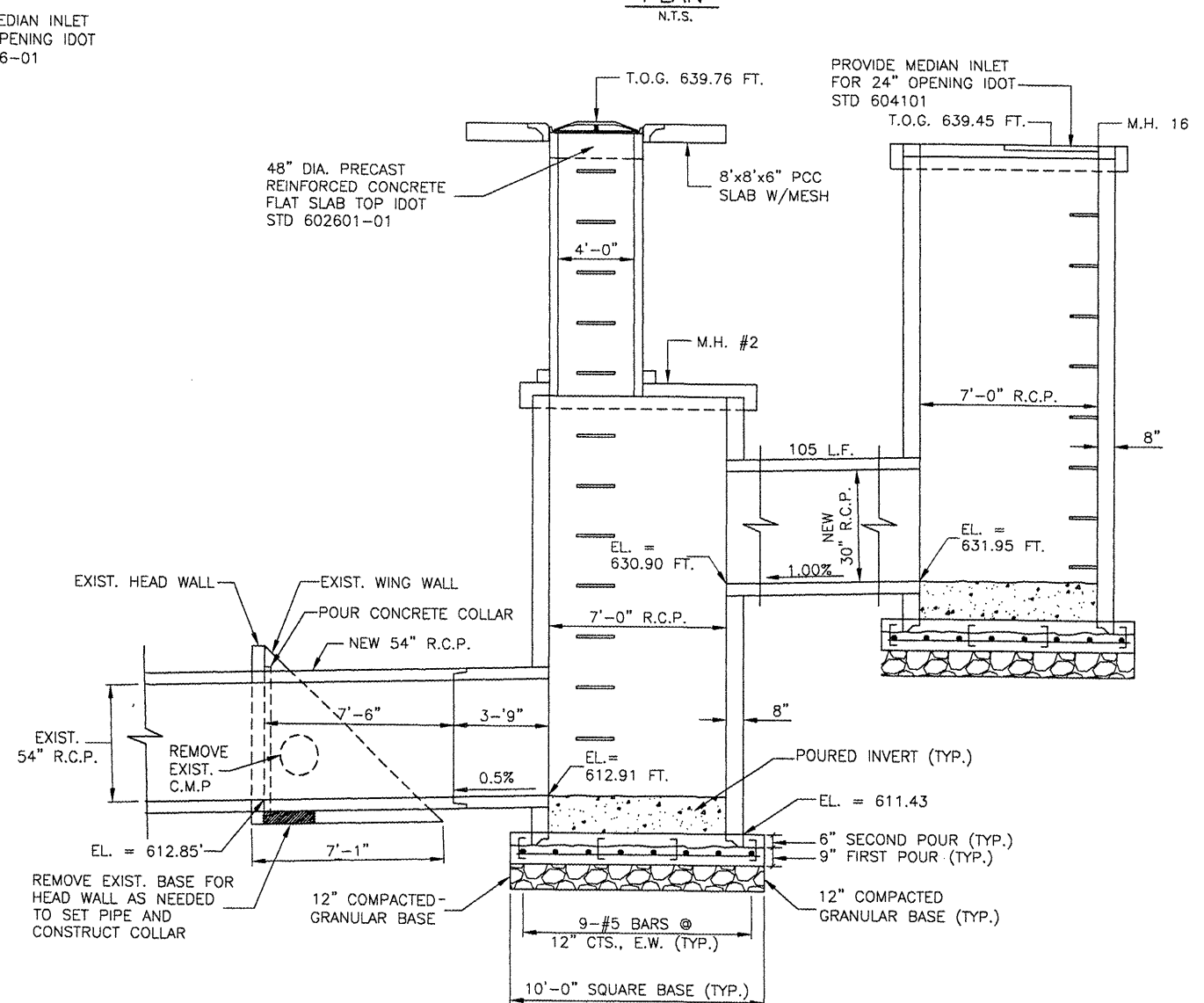
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DATE: 4/21/2008 3:02 PM

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54" R.C.P. MANHOLE STRUCTURE
N.T.S.



48" R.C.P. MANHOLE STRUCTURE
N.T.S.

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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CONSULTING ENGINEERS

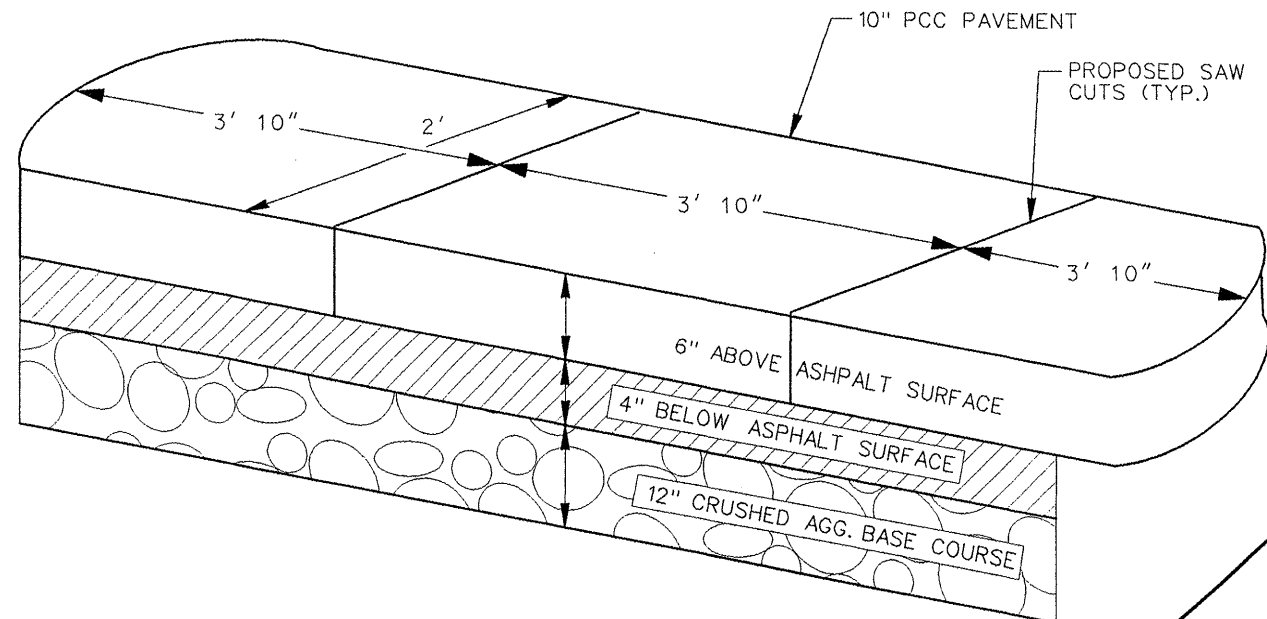
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FILE:	\$FILE\$
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DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

**DRAINAGE DETAILS
SHEET 6 OF 6**

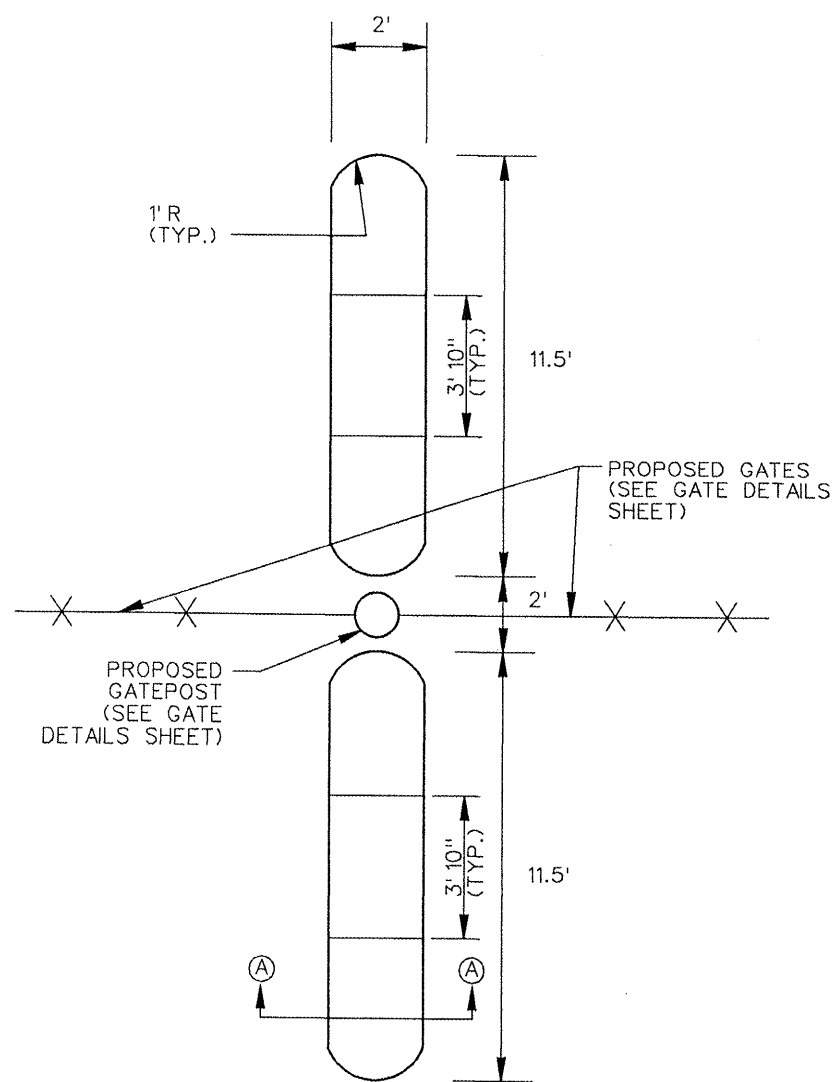
SHEET 28 OF 140 SHEETS

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(A) CONCRETE MEDIAN STRIP JOINT LOCATION
N.T.S.

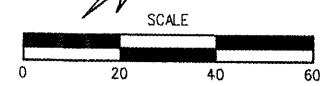
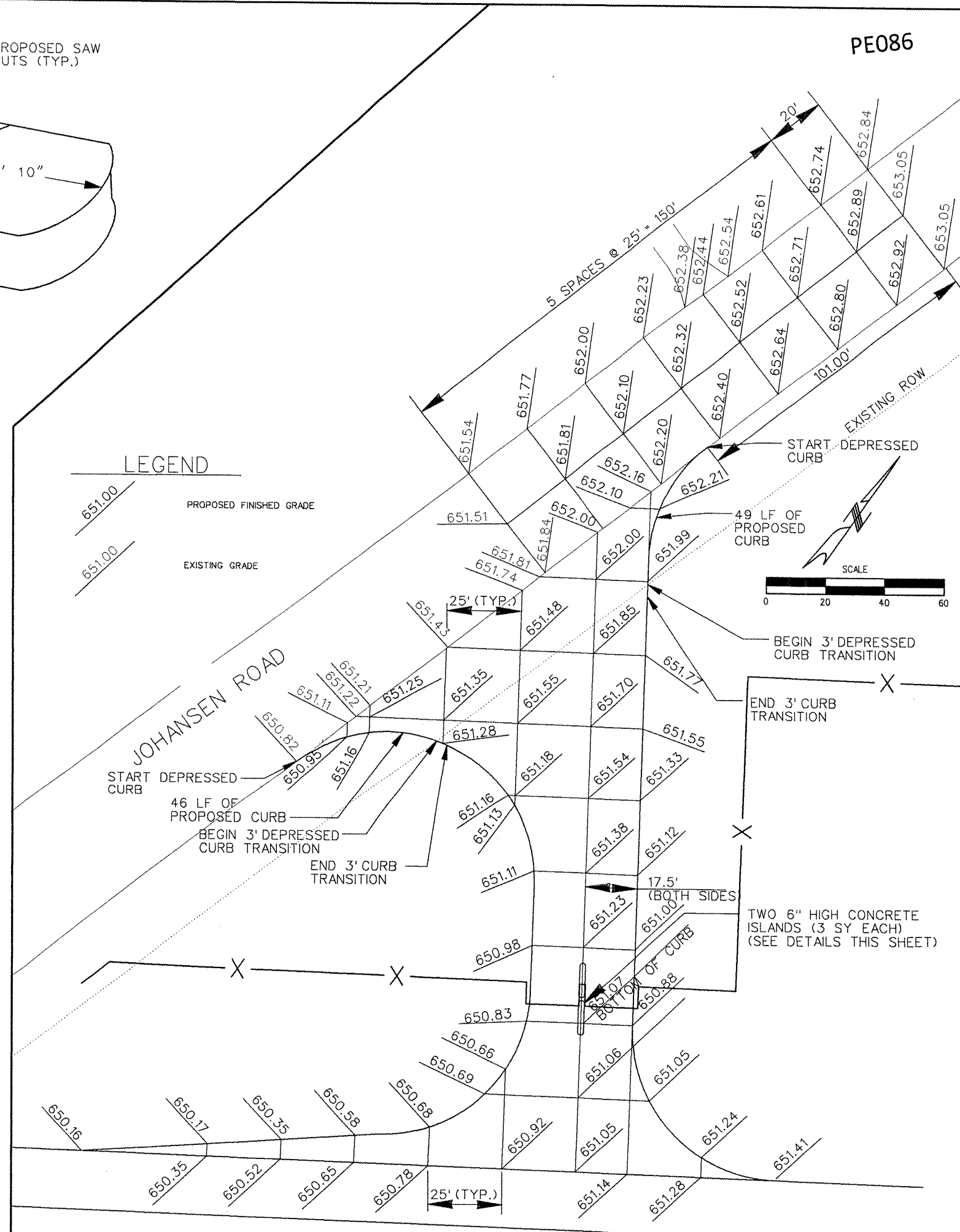
NOTE: CONSTRUCT CONCRETE ISLANDS PRIOR TO PAVING BITUMINOUS PAVEMENT



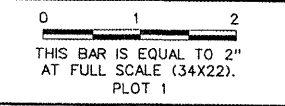
CONCRETE MEDIAN PLAN VIEW
N.T.S.

LEGEND

- 651.00 PROPOSED FINISHED GRADE
- 651.00 EXISTING GRADE



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GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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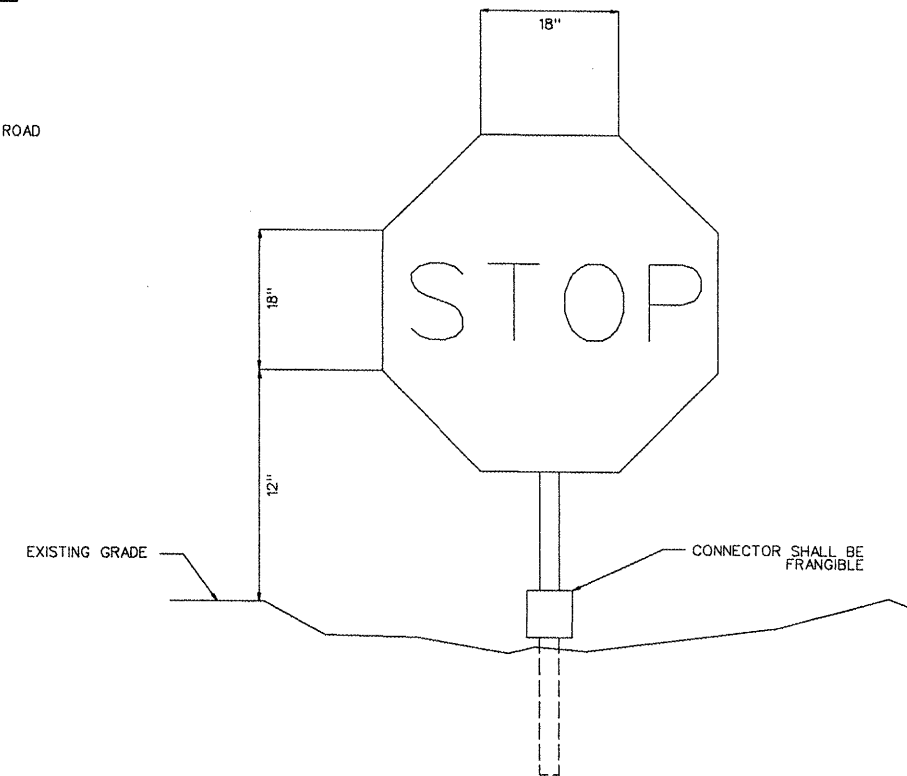
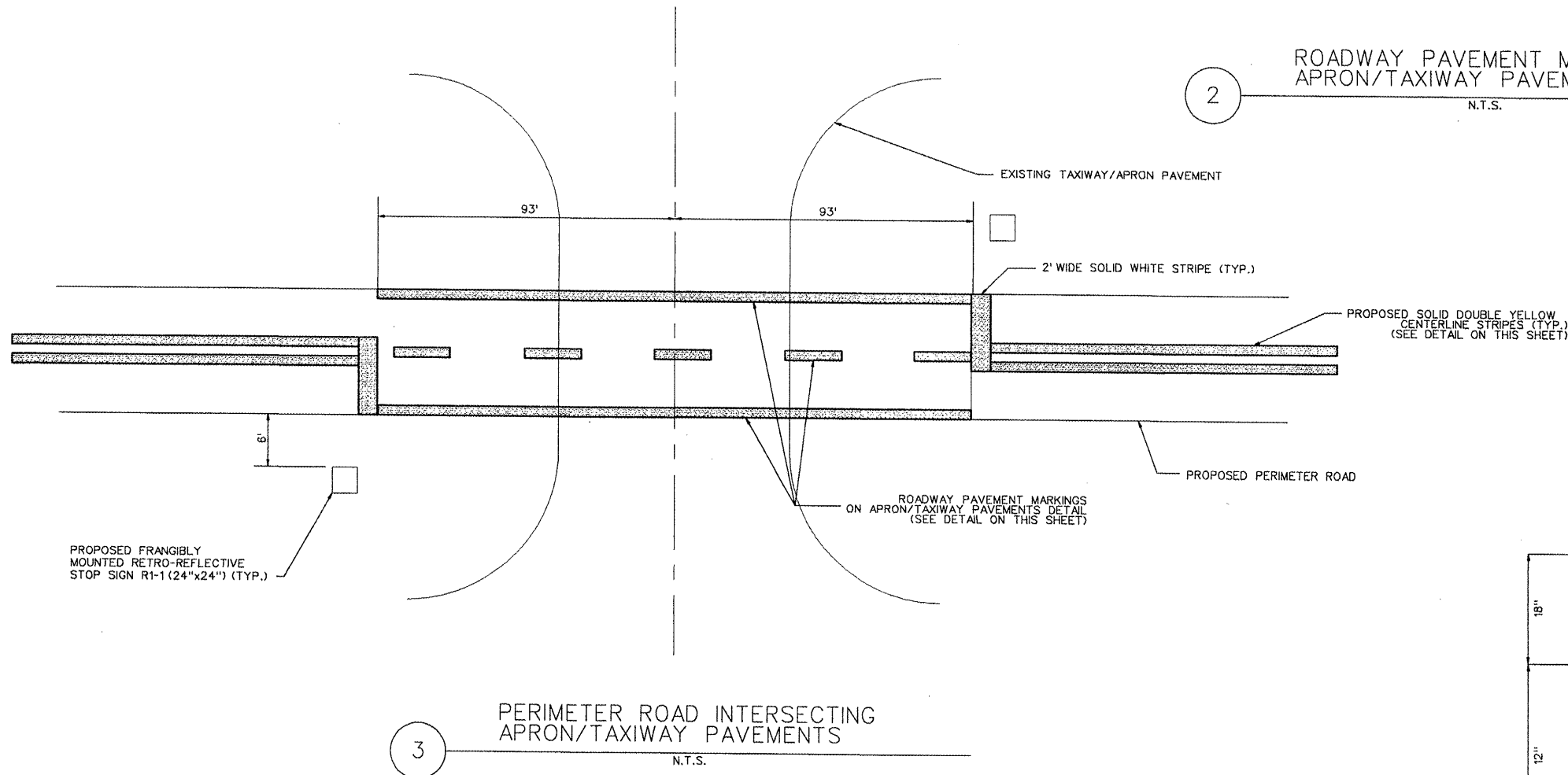
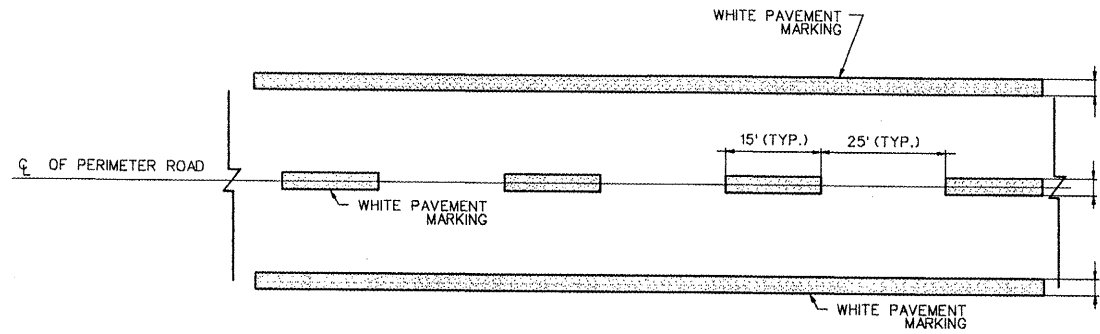
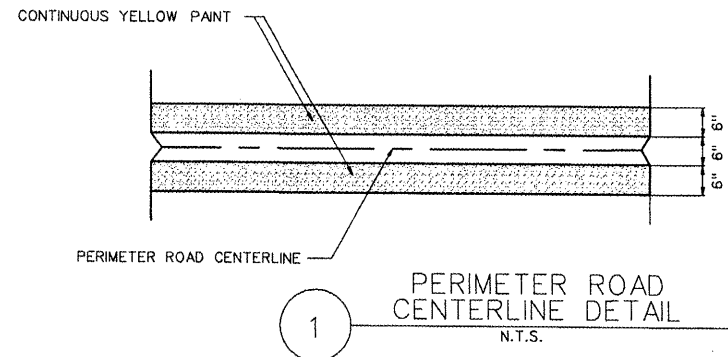
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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
FUEL ENTRANCE ROAD SPOT ELEVATION PLAN
SHEET 29 OF 140 SHEETS

4/23/2008 K:\Peoria\0706104\Draw\Sheets\029_FUEL_ENTR_staking.dgn

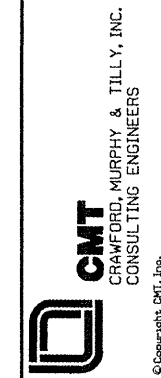
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0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34X22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ...Sheets\030_Marking_Details.dgn

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

DATE: APRIL 24, 2008

JOB No: 0706104

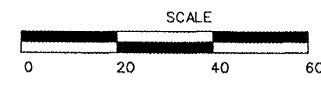
PAVEMENT MARKING
DETAILS

SHEET 30 OF 140 SHEETS

PE086

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



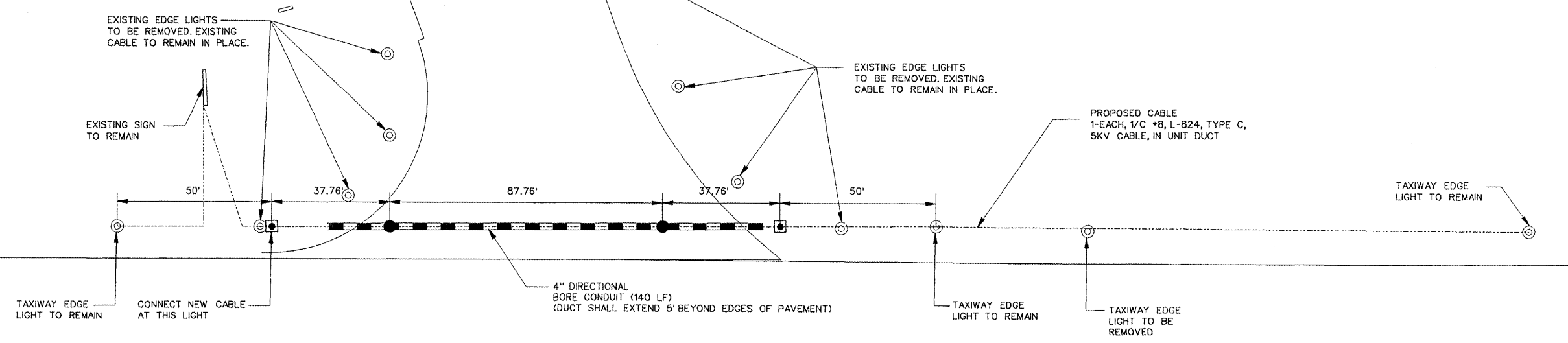
- LEGEND**
- ⊙ EXISTING TAXIWAY EDGE LIGHT
 - PROPOSED BASE MOUNTED TAXIWAY EDGE LIGHT
 - PROPOSED IN-PAVEMENT TAXIWAY EDGE LIGHT
 - ▬ PROPOSED DIRECTIONAL BORE
 - PROPOSED 1 EACH, 1/8" #8 L-824, TYPE C 5KV CABLE, IN UNIT DUCT

CLOSED TAXIWAY

EXISTING FUEL FARM

PROPOSED PERIMETER ROAD

PROPOSED PERIMETER ROAD



TAXIWAY A

GREATER Peoria REGIONAL Airport

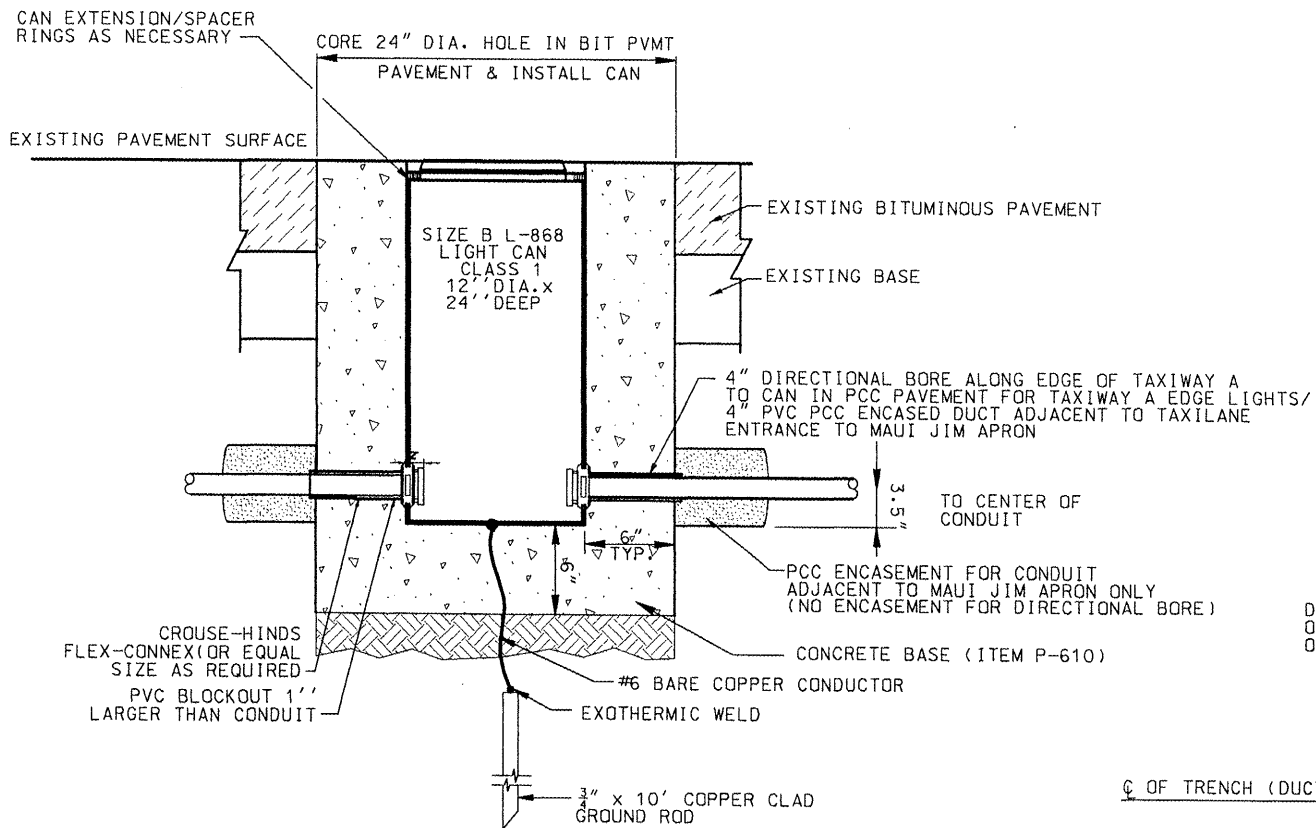
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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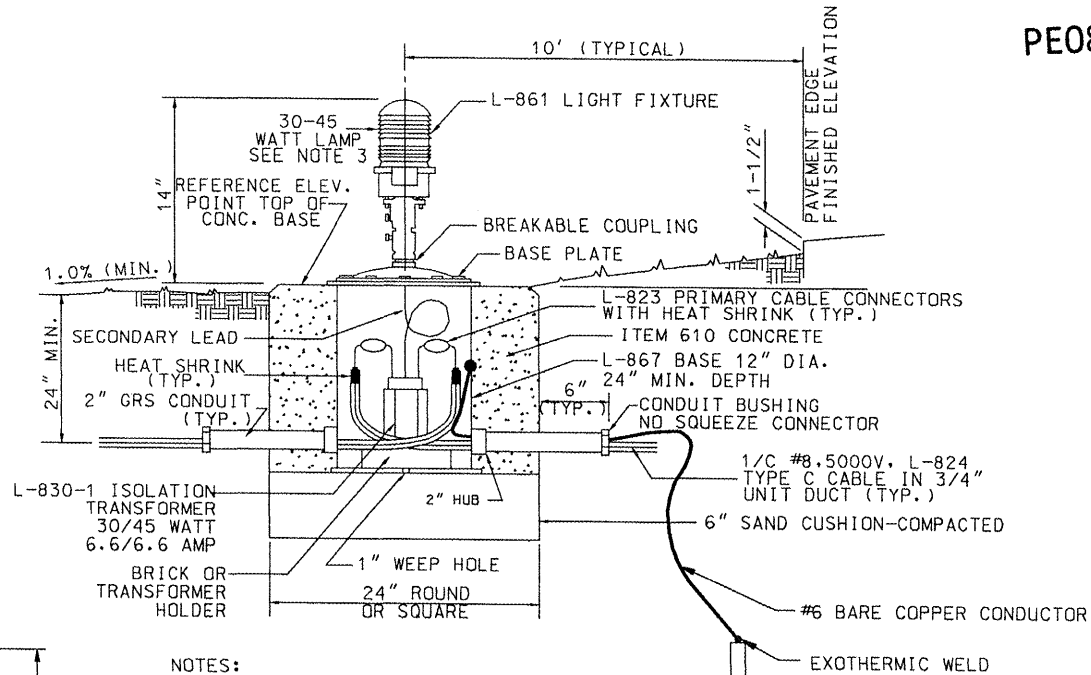
IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX
FILE: ... \031_electrical_plan_01.dgn
DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
AIRFIELD ELECTRICAL LAYOUT PLAN
SHEET 31 OF 140 SHEETS

4/23/2008 K:\Peoria\070610400\Draw\Sheets\031_electrical_plan_01.dgn



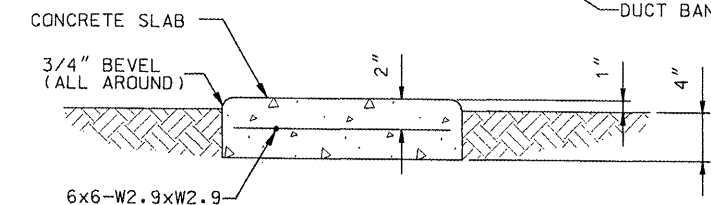
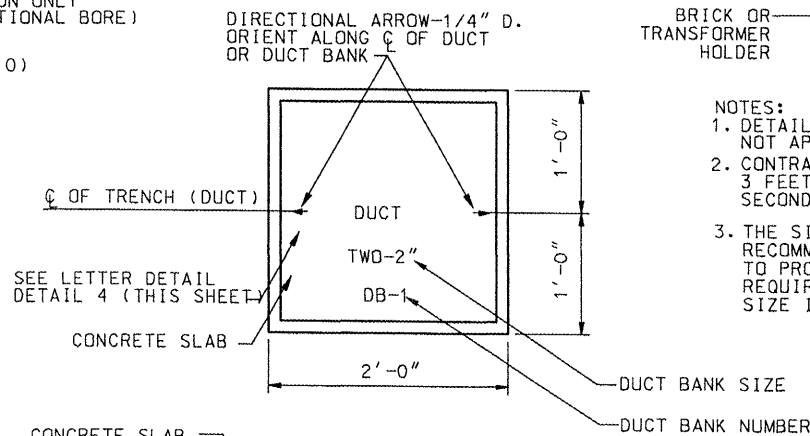
- NOTES:
1. L-868B BASE TO BE SET 1 1/2" BELOW FINISH PAVEMENT.
 2. CONCRETE ANCHOR TO BE P-610.

BASE MOUNTED SEMI-FLUSH TAXIWAY LIGHT



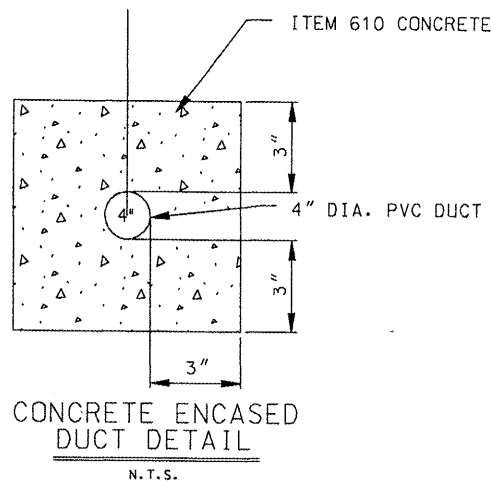
- NOTES:
1. DETAIL SHOWS 5KV CABLE IN UNIT DUCT, NOT APPLICABLE IF CABLE IS DIRECT BURIED.
 2. CONTRACTOR SHALL LEAVE A MINIMUM OF 3 FEET OF SLACK FOR EACH PRIMARY AND SECONDARY CABLE INSIDE THE BASE.
 3. THE SIZE AND TYPE OF LAMP SHALL BE AS RECOMMENDED BY THE FIXTURE MANUFACTURER TO PROVIDE DISTRIBUTION AND MINIMUM OUTPUT REQUIREMENTS OF CURVES SHOWN FOR EACH SIZE IN AC 150/5345-46B.

BASE MOUNTED MEDIUM INTENSITY LIGHTS
N.T.S.

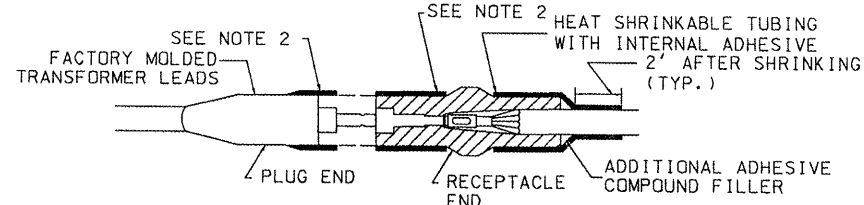


- NOTES:
1. LOCATIONS OF ENDS OF ALL UNDERGROUND DUCTS SHALL BE IDENTIFIED BY DUCT MARKERS.
 2. DUCT MARKERS SHALL BE INSTALLED DIRECTLY ABOVE THE DUCT. IMPRESS IN SURFACE OF SLAB, NUMBER OF DUCTS AND DUCT BANK NUMBER.
 3. CONTRACTOR SHALL INSTALL DUCT MARKERS AT FAA DUCTS. MARKERS AT FAA DUCTS SHALL SAY "FAA".

DUCT MARKER
N.T.S.



CONCRETE ENCASED DUCT DETAIL
N.T.S.

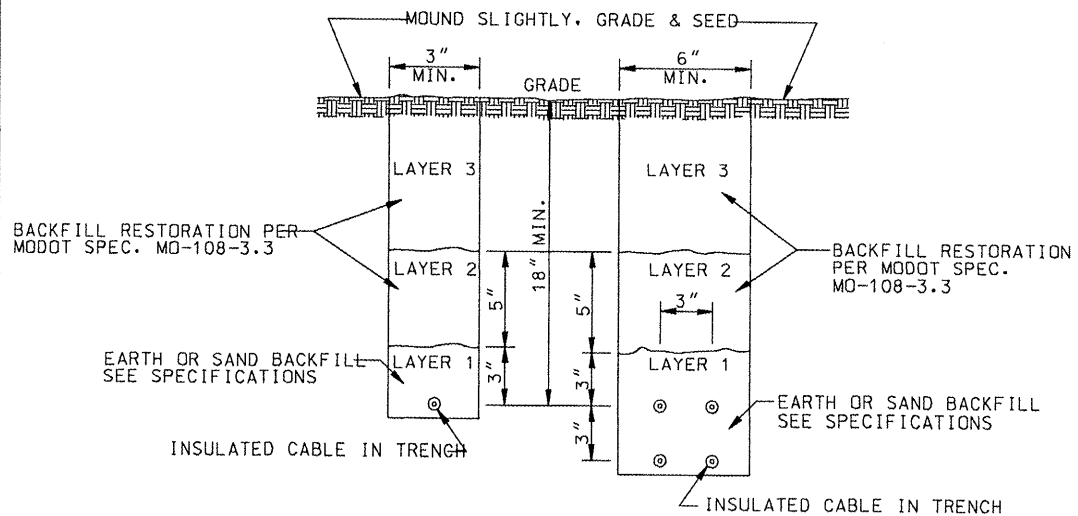


TYPE C FOR SPLICES AT RUNWAY LIGHTS, TAXIWAY LIGHTS AND SIGNS

CABLE SPLICE NOTES

1. INSIDE DIAMETER OF CONNECTOR SHALL PROPERLY MATCH THE OUTSIDE DIAMETER OF CABLE
2. WRAP WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF JOINT PRIOR TO HEAT SHRINKING.

CABLE SPLICES
N.T.S.

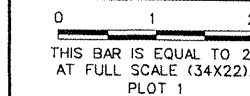


DIRECT BURY CABLE TRENCH DETAIL
N.T.S.

NOTE: CABLES SHALL NOT BE PLACED LESS THAN 18" DEEP IN ANY ONE TRENCH. CABLES WITH DIFFERENT VOLTAGE RATINGS SHALL NOT BE INSTALLED IN THE SAME TRENCH.

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 REGIONAL
 Airport
 CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

FILE: ... \032_electrical_DETAILS.dgn

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

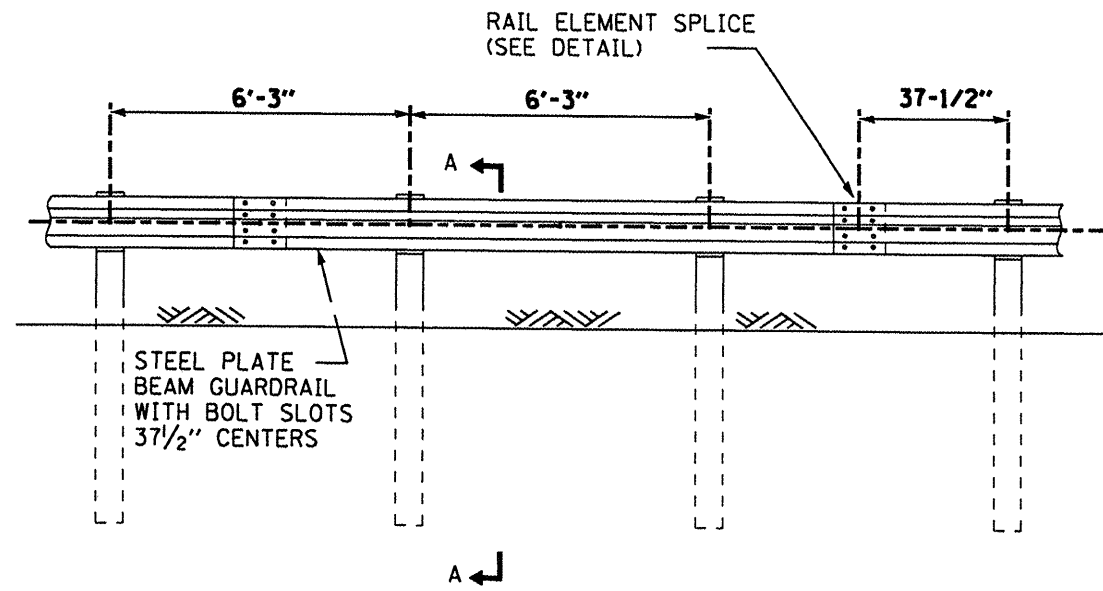
DATE: APRIL 24, 2008

JOB No: 0706104

AIRFIELD ELECTRICAL
DETAILS

SHEET 32 OF 140 SHEETS

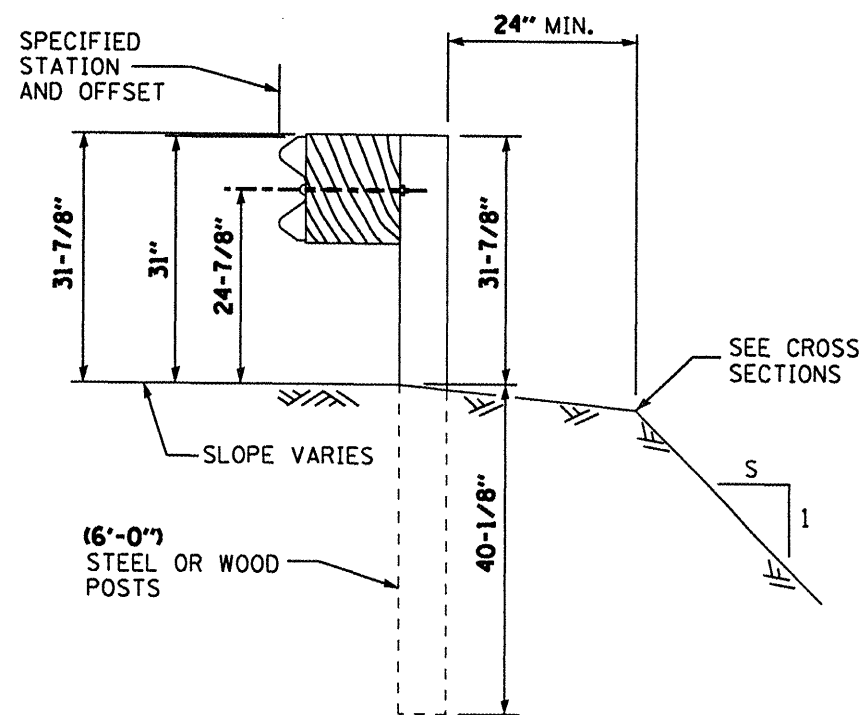
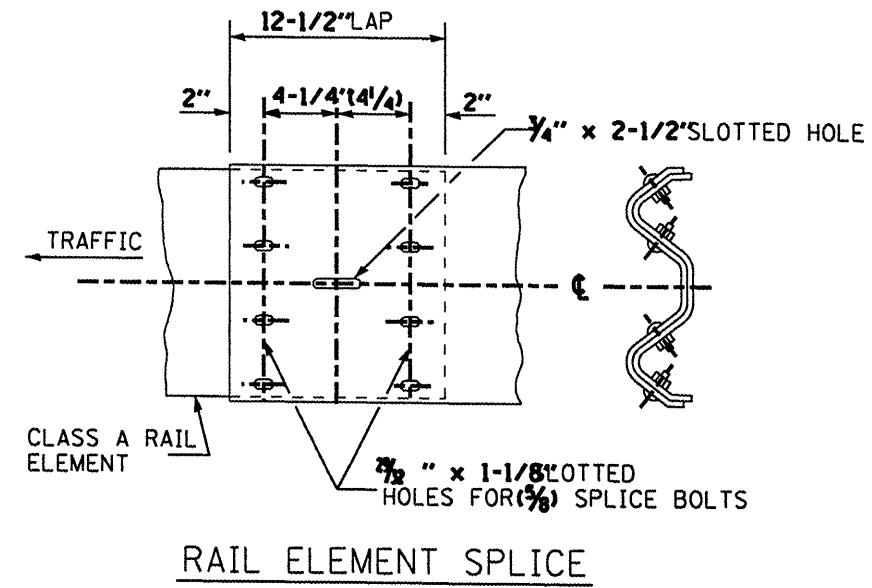
PE086



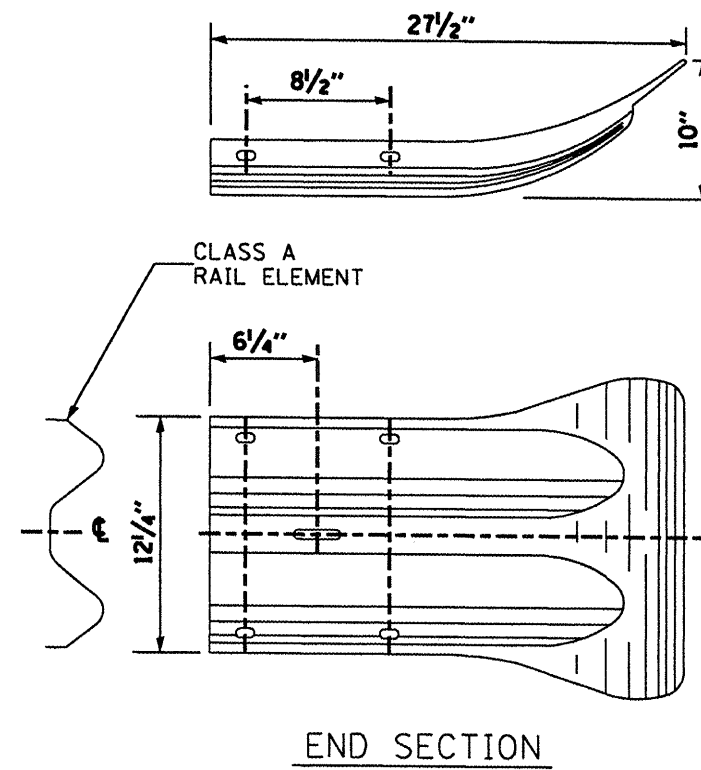
ELEVATION

TYPE A

(6'-3") TYPICAL POST SPACING



SECTION A-A



STEEL PLATE BEAM GUARDRAIL (SHEET 1 OF 2)

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34x22). PLOT 1

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT I

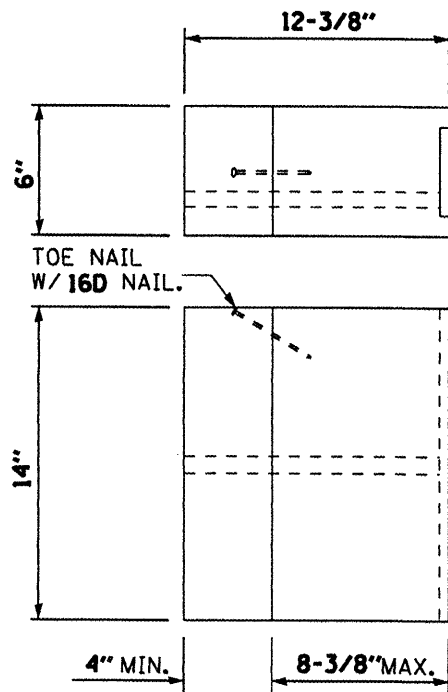
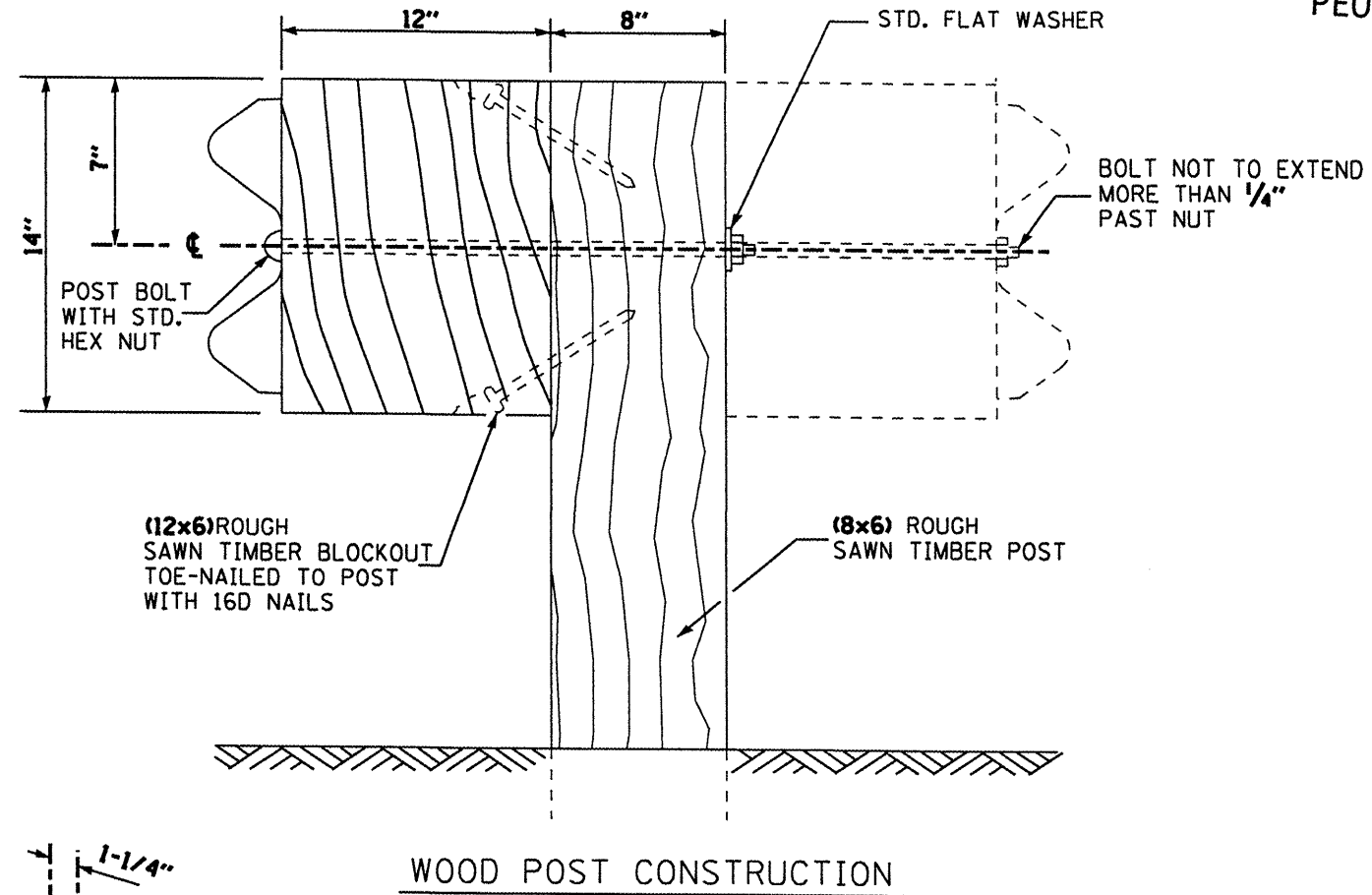
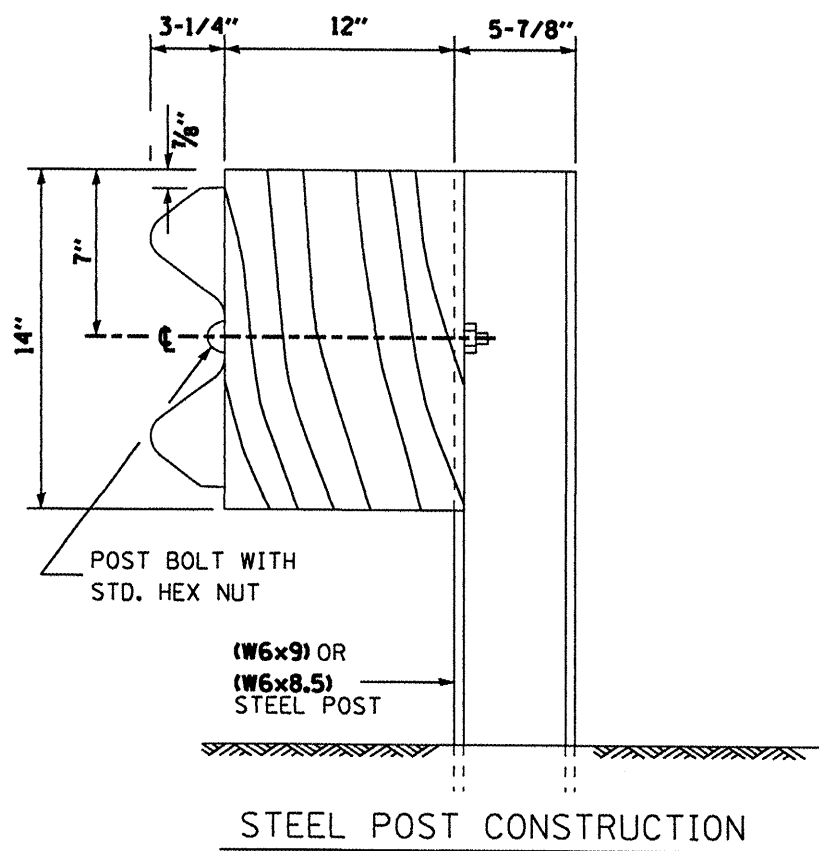
CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS

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DESIGN BY: TWM, RBL
DRAWN BY: CAG
CHECKED BY: RBL
APPROVED BY: CET
DATE: DECEMBER 10, 2007
JOB No: 0706104
GUARDRAIL DETAIL SHEET 1 OF 2
SHEET 33 OF 140 SHEETS

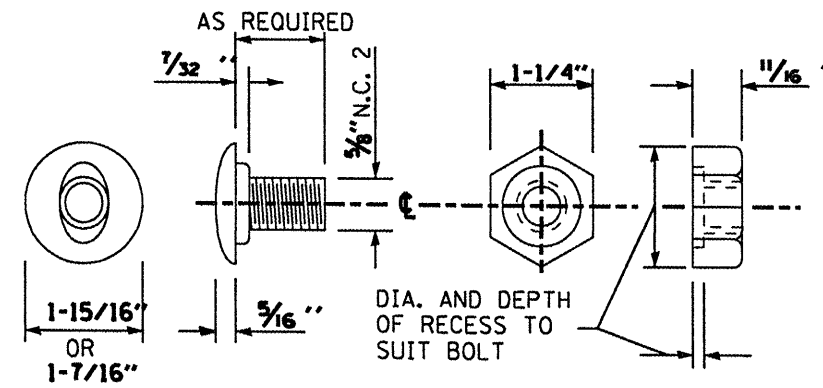
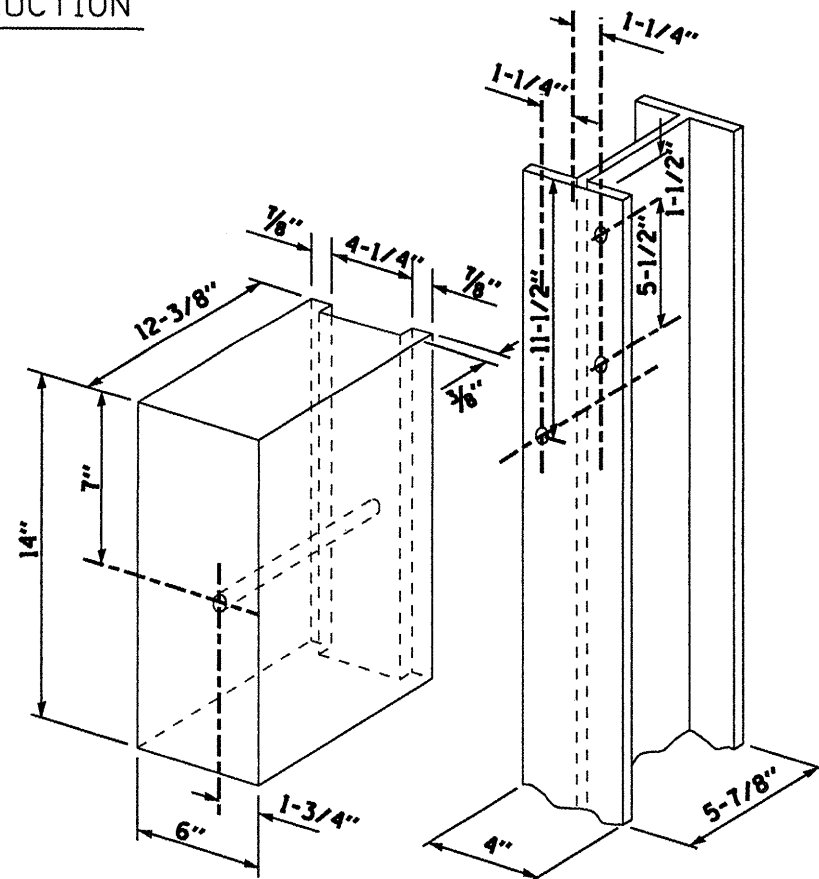
PE086

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34x22).
PLOT 1



NOTE:
ALL HOLES 3/4" DIA.



STEEL PLATE BEAM
GUARDRAIL
(SHEET 2 OF 2)

GREATER Peoria REGIONAL Airport
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE: ... \208-630001-07_SteelPlateBeam

DESIGN BY: TWM, RBL

DRAWN BY: CAG

CHECKED BY: RBL

APPROVED BY: CET

DATE: DECEMBER 10, 2007

JOB No: 0706104

GUARDRAIL DETAIL
SHEET 2 OF 2

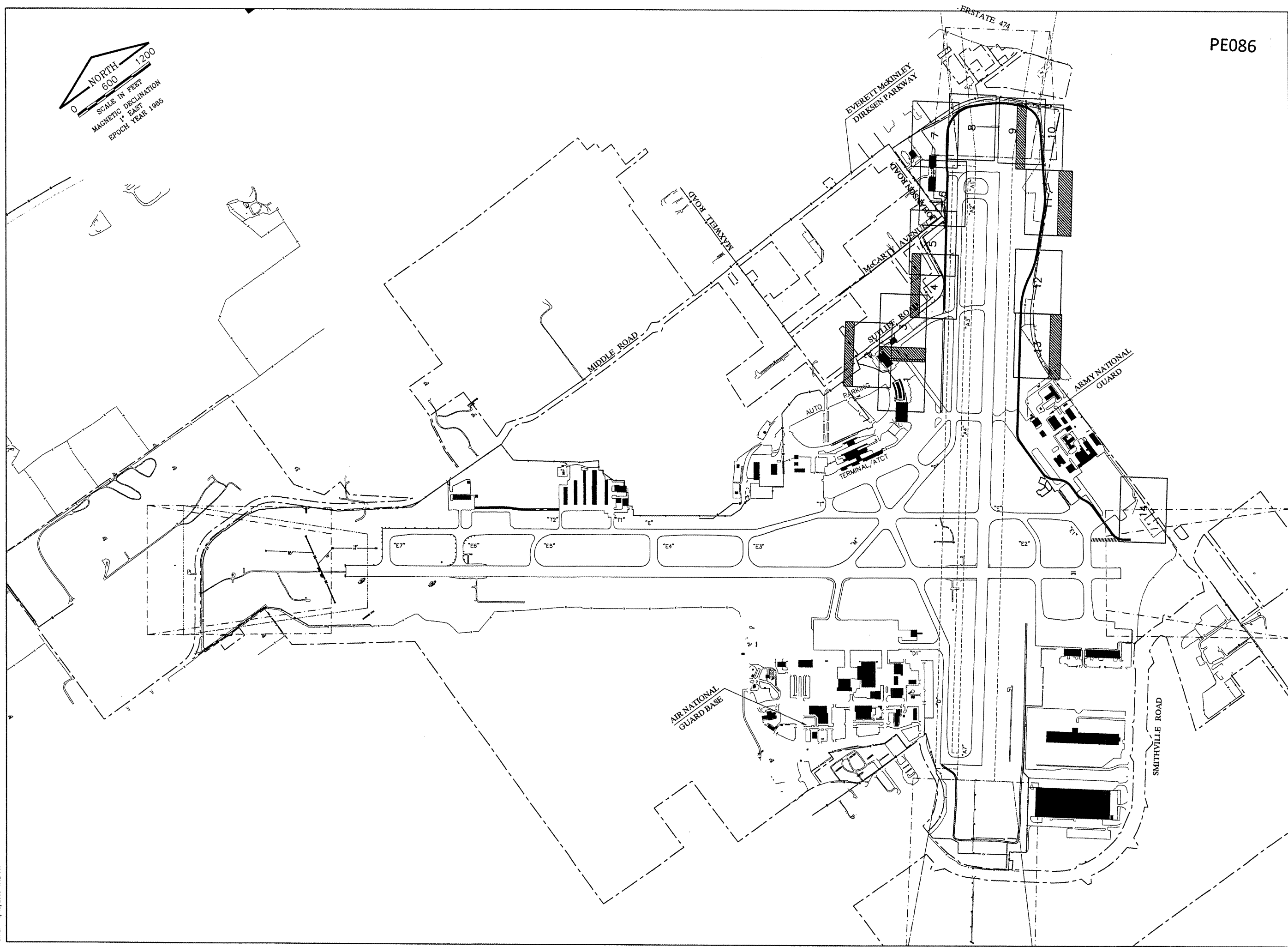
SHEET 34 OF 140 SHEETS

0 NORTH 1200
 SCALE IN FEET
 MAGNETIC DECLINATION
 1° EAST
 EPOCH YEAR 1985

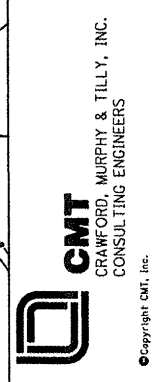
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NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



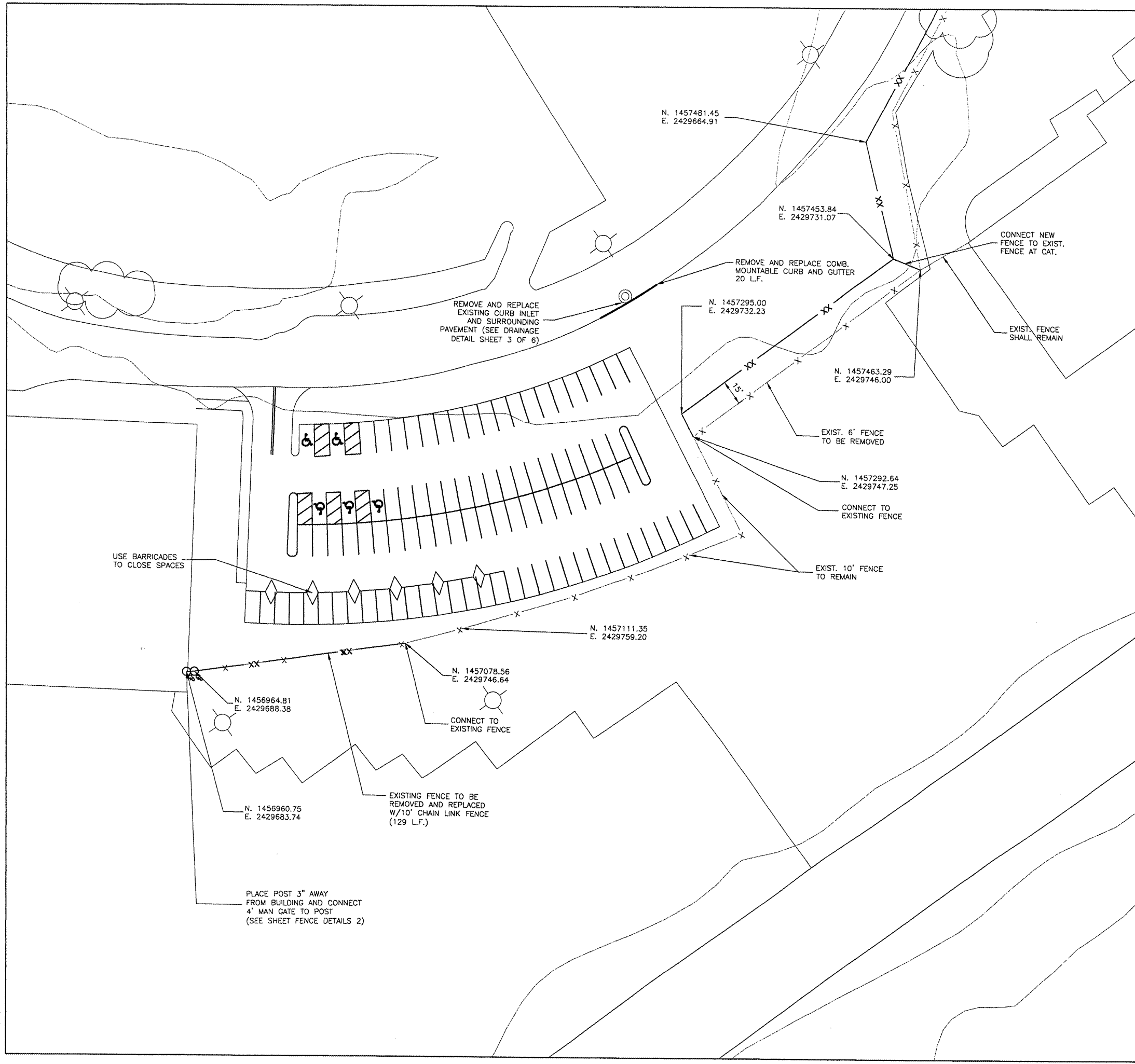
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 AIP PROJ: 3-17-0080-XX

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CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

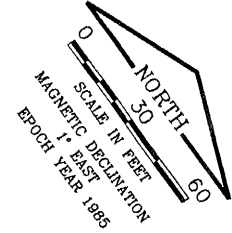
FENCING PLAN
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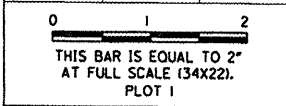
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NUMBER	BY	DATE



LEGEND

	EXISTING FENCE
	NEW FENCE
	FLASHING BARRICADE
	NEW CONCRETE CURB AND GUTTER
	EXISTING CURB INLET TO BE REMOVED AND REPLACED

- NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO ACCESS IS ALLOWED TO THE AIRFIELD DURING CONSTRUCTION OF NEW FENCE.
 2. THE CONTRACTOR SHALL SUPPORT THE EXISTING FENCE THAT IS TO REMAIN SO AS TO MAINTAIN THE INTEGRITY AND TENSION.
 3. CONSTRUCTION BARRICADES ARE TO BE TYPE 1 WITH A MAXIMUM SPACING OF 15 FEET.
 4. CONTRACTOR SHALL BARRICADE PARKING SPACES AS CARS VACATE THE SPACES.

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

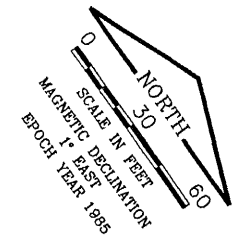
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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

FILE:	\$FILE\$
DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
 SHEET 1 OF 14

SHEET 36 OF 140 SHEETS



LEGEND

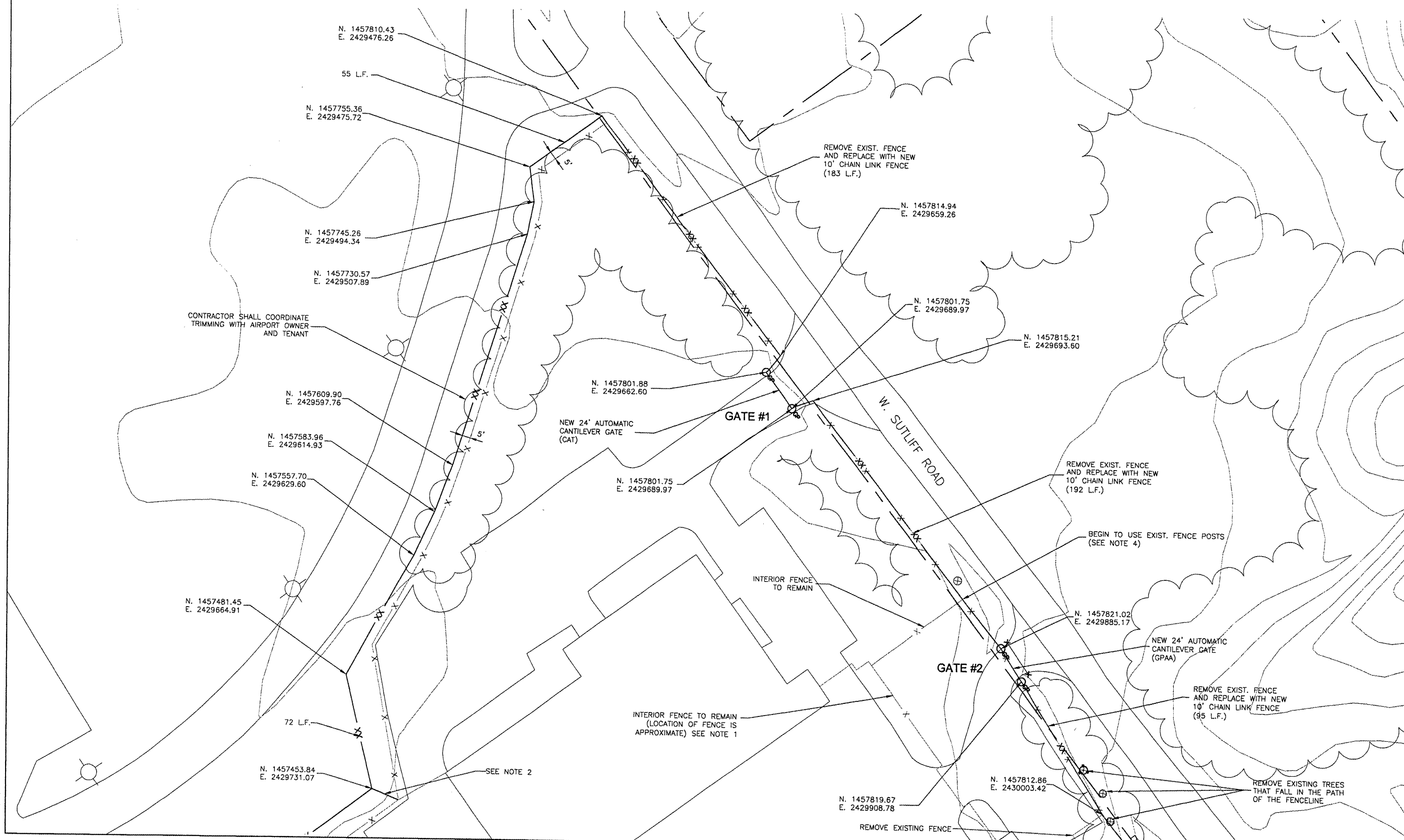
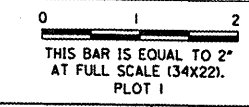
- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx- NEW FENCE
- GP EXISTING GATE POST

NOTES:

1. INTERIOR FENCE MUST REMAIN CONTINUOUS DURING CONSTRUCTION OF NEW PERIMETER FENCING.
2. TEMPORARY FENCE SHALL BE CONSTRUCTED AS NEEDED SO AS TO NOT ALLOW ANY GAPS IN THE FENCELINE.
3. CONTRACTOR SHALL UTILIZE EXISTING GATE OPERATOR AND CONTROL FOR NEW GATES. WORK SHALL BE COORDINATED WITH CAT. FOR GATES THAT ARE OPERATED BY CAT.

PE086

REVISIONS		
NUMBER	BY	DATE



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

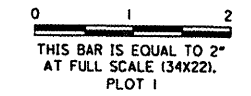
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AIP PROJ: 3-17-0080-XX	
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DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104
NORTHEAST FENCE PLAN SHEET 2 OF 14	
SHEET 37 OF 140 SHEETS	

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GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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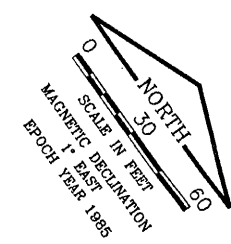
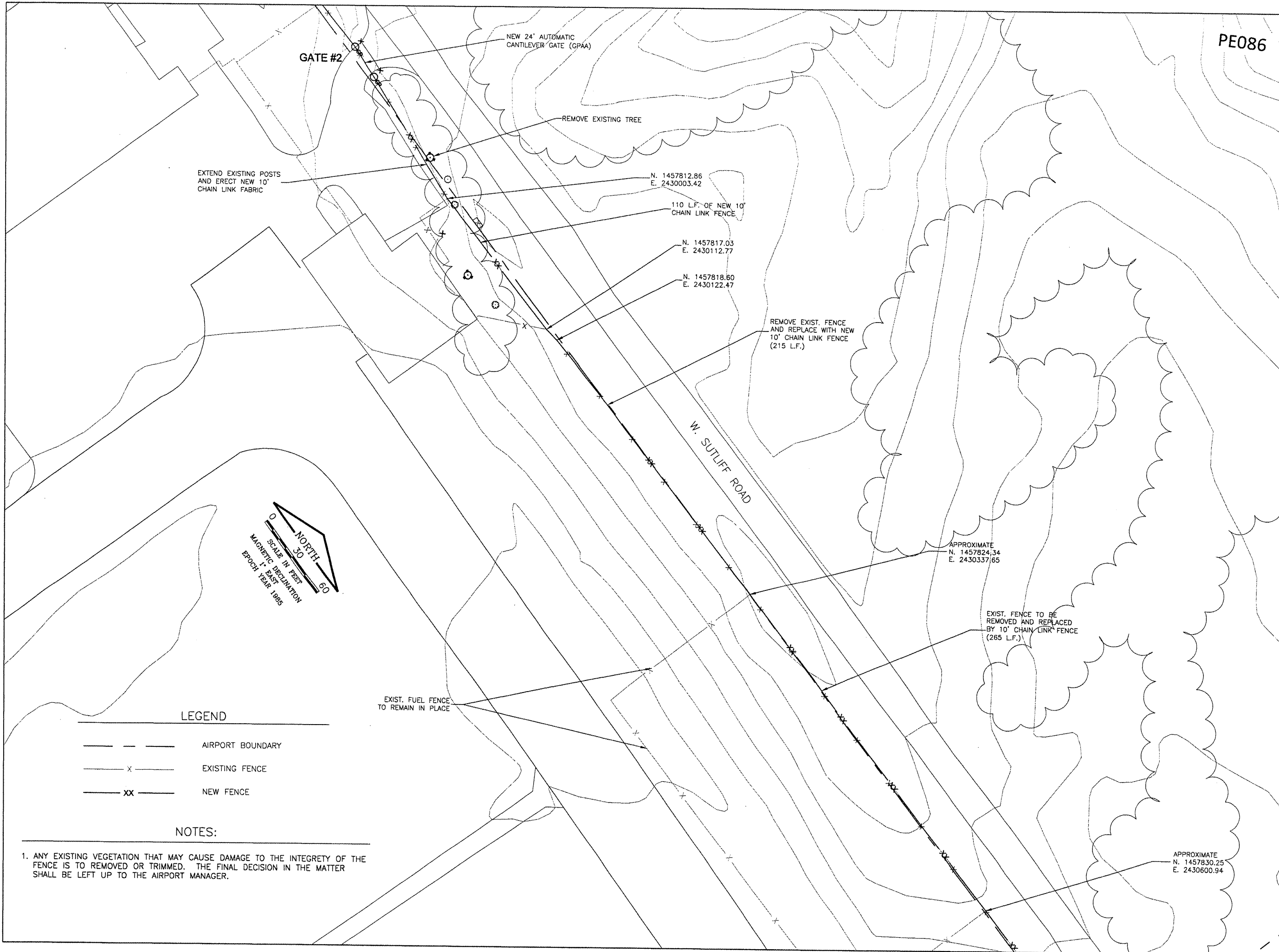
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IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

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DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
SHEET 3 OF 14

SHEET 38 OF 140 SHEETS



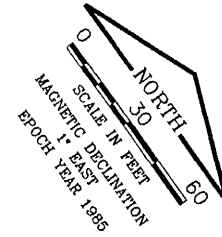
LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx- NEW FENCE

NOTES:

1. ANY EXISTING VEGETATION THAT MAY CAUSE DAMAGE TO THE INTEGRITY OF THE FENCE IS TO BE REMOVED OR TRIMMED. THE FINAL DECISION IN THE MATTER SHALL BE LEFT UP TO THE AIRPORT MANAGER.

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LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- XX--- NEW FENCE

NOTES:

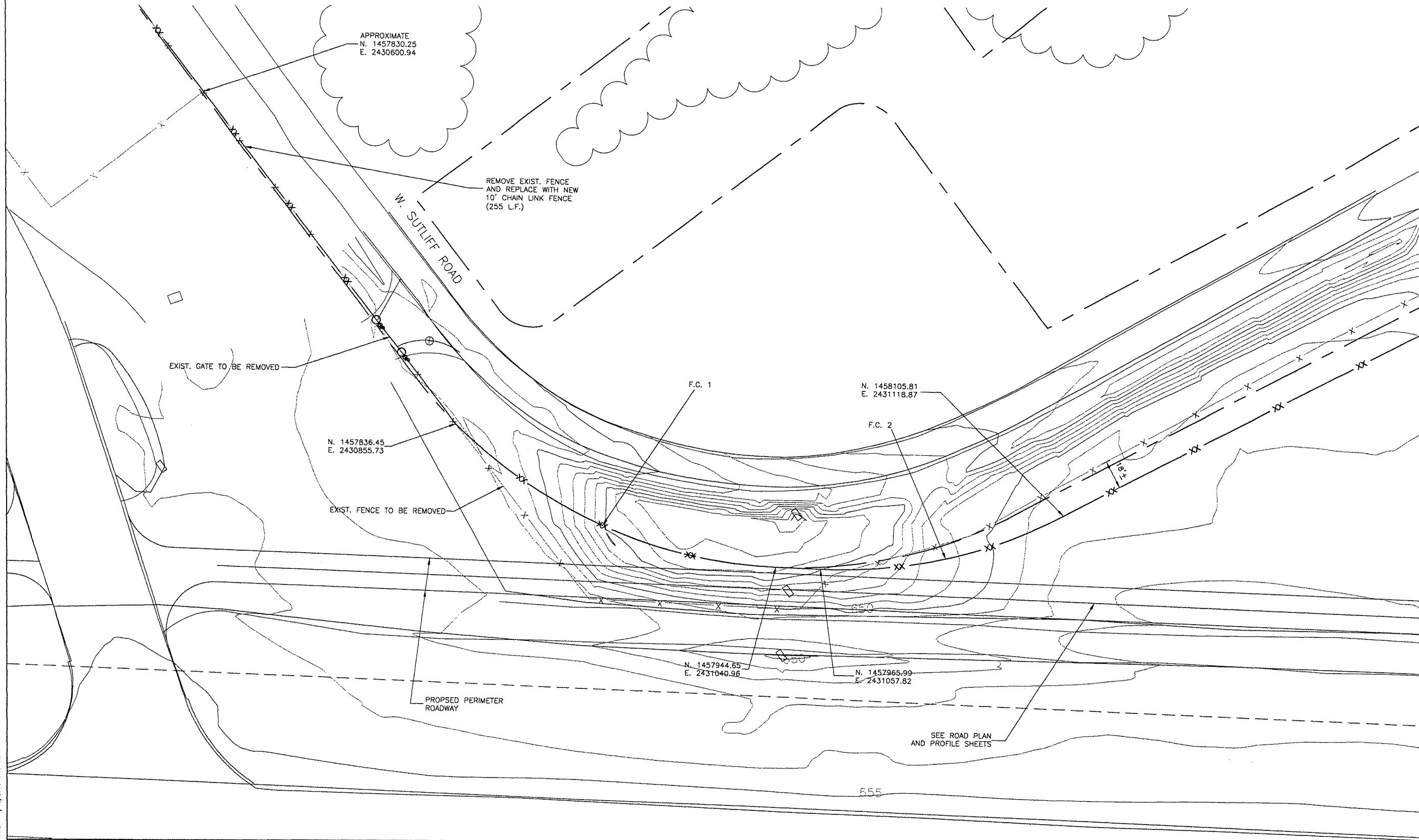
1. CONTRACTOR SHALL COORDINATE WORK ON TOWNSHIP R.O.W. WITH TOWNSHIP ROAD COMMISSIONER.

PE086

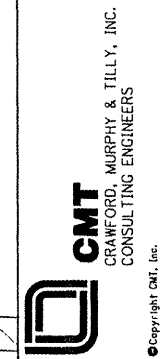
REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2'
AT FULL SCALE (34x22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



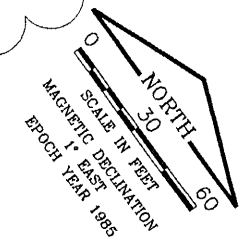
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AIP PROJ: 3-17-0080-XX

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APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

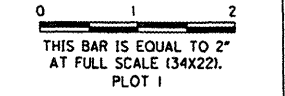
NORTHEAST FENCE PLAN
SHEET 4 OF 14

SHEET 39 OF 140 SHEETS

PE086

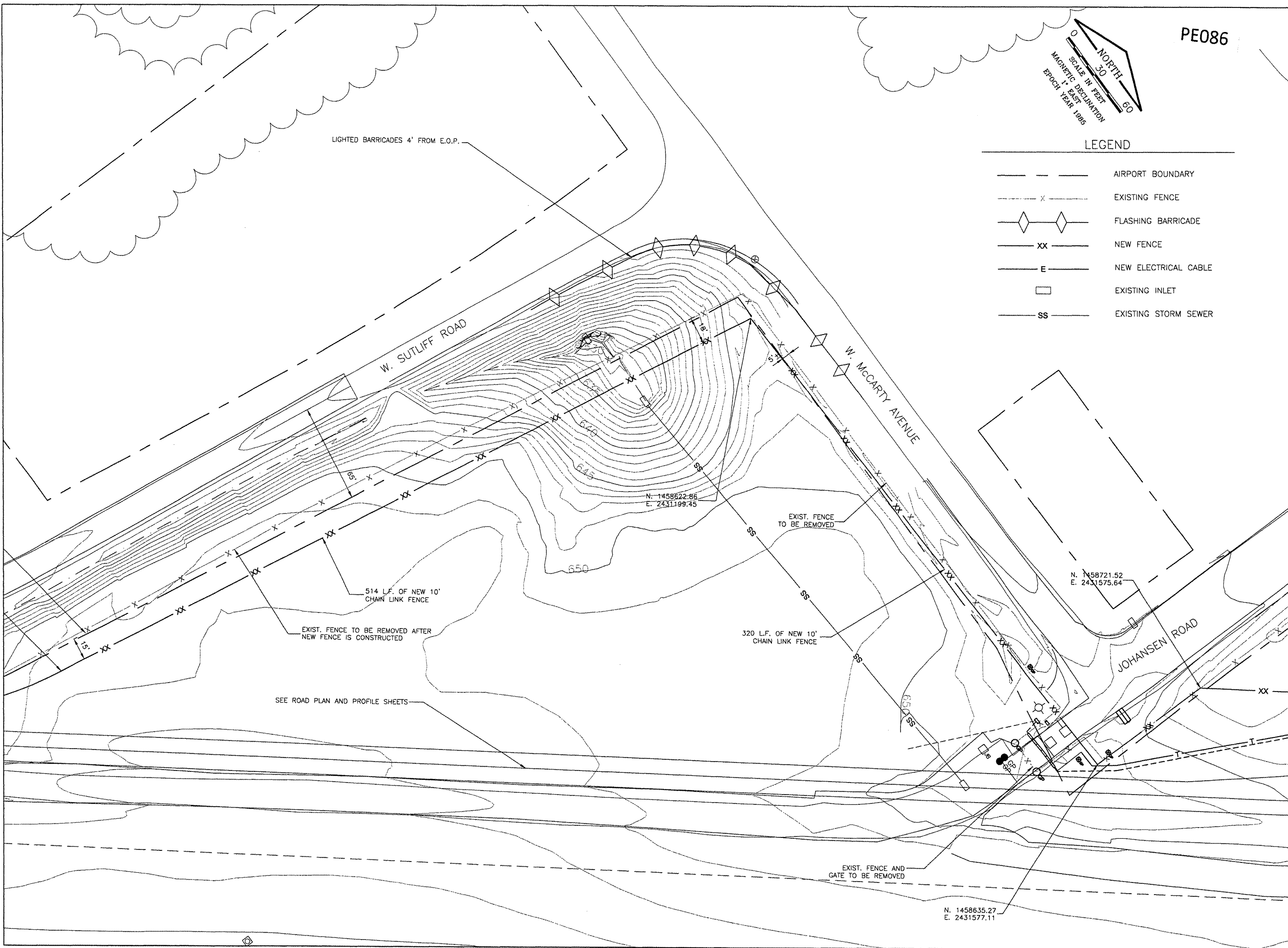


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NUMBER	BY	DATE



LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- ◇◇ FLASHING BARRICADE
- XX NEW FENCE
- E NEW ELECTRICAL CABLE
- EXISTING INLET
- SS EXISTING STORM SEWER



Greater Peoria Regional Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343
AIP PROJ. 3-17-0080-XX

FILE:	\$FILES
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JOB No:	0706104

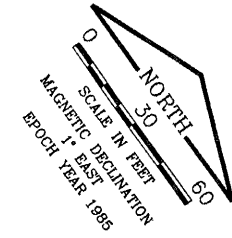
NORTHEAST FENCE PLAN
SHEET 5 OF 14

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DATE: 4/23/2008 3:45 PM

LEGEND

- AIRPORT BOUNDARY
- - - - EXISTING FENCE
- xx xx NEW FENCE
- - - - NEW ELECTRICAL CABLE
- EXISTING INLET

NOTES:
 1. CONTRACTOR SHALL COORDINATE WORK ON FENCE BETWEEN AND NEAR TENANTS OF GA APRON WITH THOSE TENANTS THROUGH THE AIRPORT.



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REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (3/4"x22).
 PLOT 1

JOHANSEN ROAD

APPROXIMATELY
 N. 1459028.69
 E. 2431682.81

21 L.F.

95 L.F.

N. 1458954.24
 E. 2431624.03

N. 1458862.46
 E. 2431687.03

N. 1458888.31
 E. 2431707.46

N. 1458857.95
 E. 2431692.75

NEW GATES #7A AND #7B

NEW 10' CHAIN LINK FENCE

N. 1458721.52
 E. 2431575.64

N. 1458832.65
 E. 2431663.47

N. 1458828.07
 E. 2431669.29

NEW 18' AUTOMATIC CANTILEVER GATE

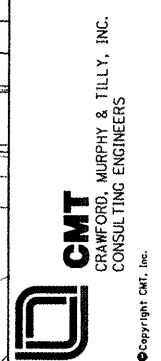
REMOVE EXIST. FENCE AND REPLACE WITH NEW 10' CHAIN LINK FENCE IN THE SAME LAYOUT

PROPOSED MARKED PERIMETER ROAD ON EXIST. PAVEMENT

TAXIWAY SAFETY AREA



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

FILE:	
DESIGN BY:	CET
DRAWN BY:	CMT
CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
 SHEET 6 OF 14

SHEET 41 OF 140 SHEETS

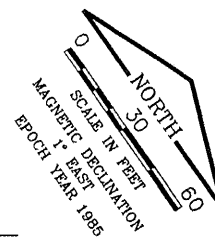
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PE086

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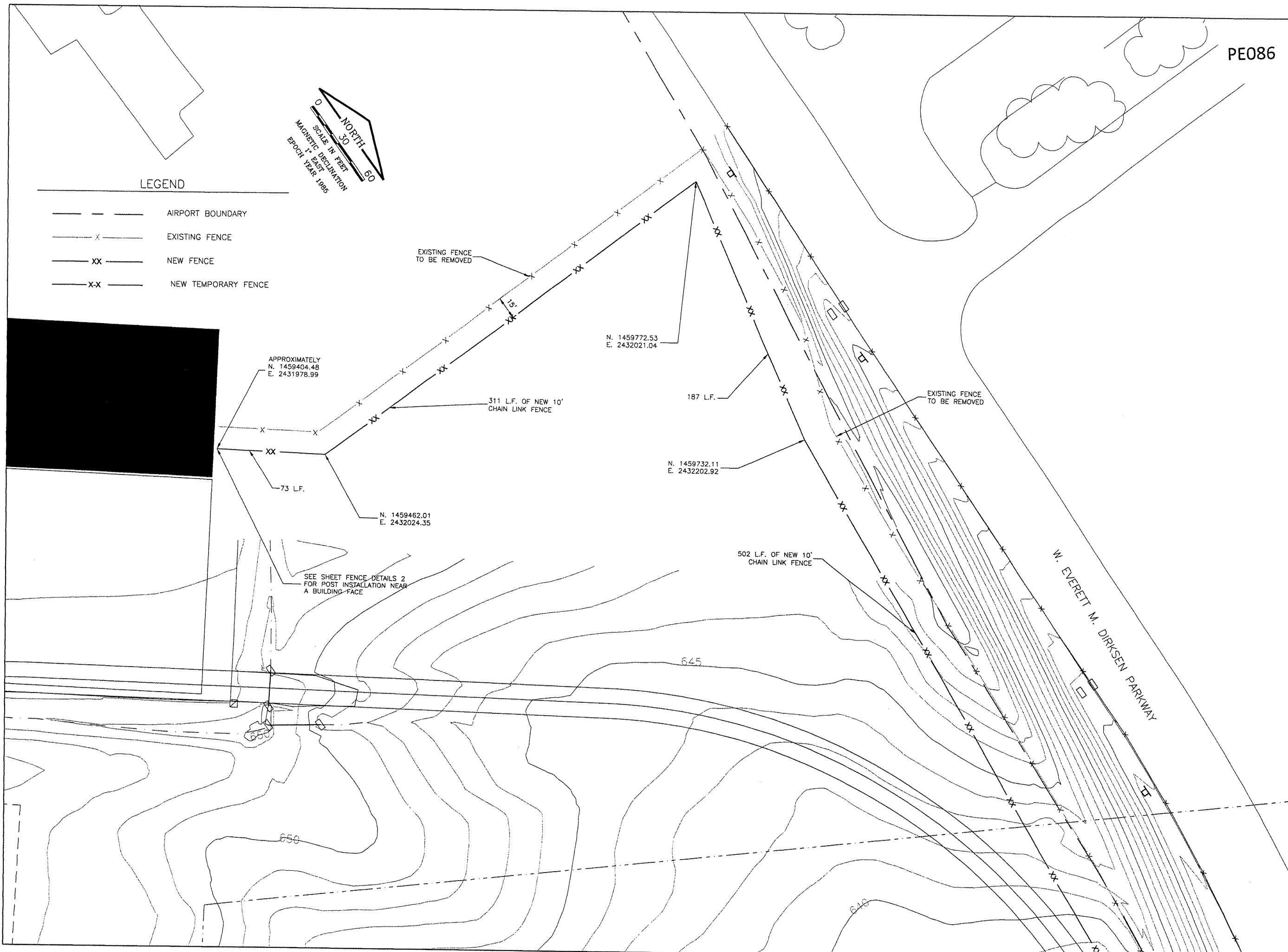
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1

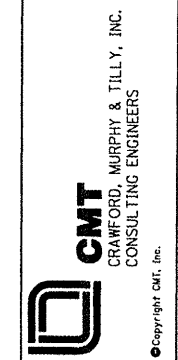


LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx NEW FENCE
- x-x- NEW TEMPORARY FENCE



CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



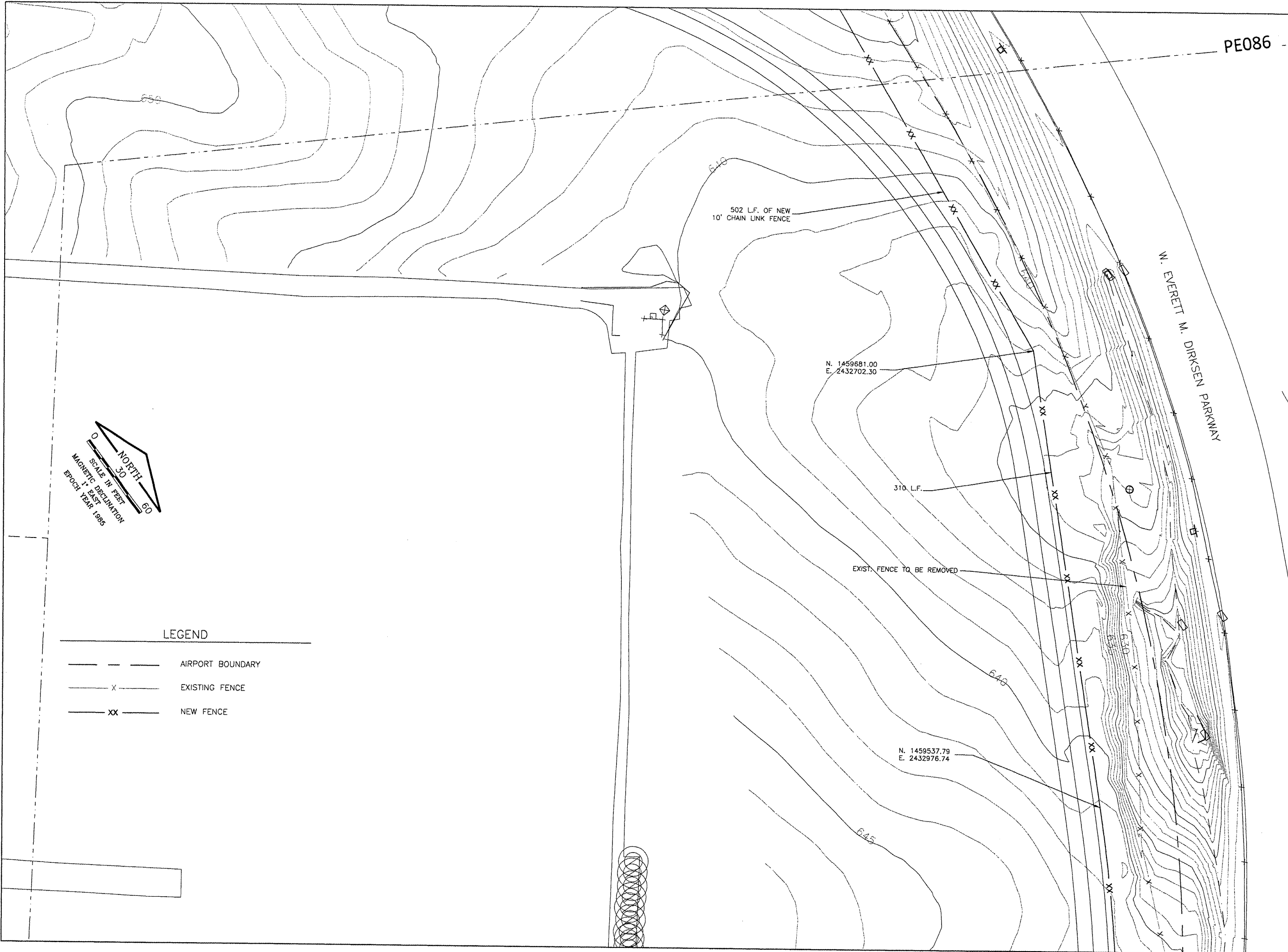
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 AIP PROJ. 3-17-0080-XX

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JOB No:	0706104

NORTHEAST FENCE PLAN
 SHEET 7 OF 14

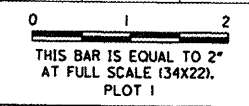
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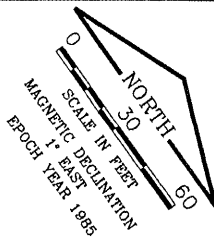
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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1


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NORTHEAST FENCE PLAN SHEET 8 OF 14	
SHEET 43 OF 140 SHEETS	



LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx- NEW FENCE

NOTES:

1. SEE FENCE CURVE DATA SHEET FOR FENCE CURVE ELEMENTS.

REVISIONS		
NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34x22).
PLOT 1

Greater Peoria Regional Airport

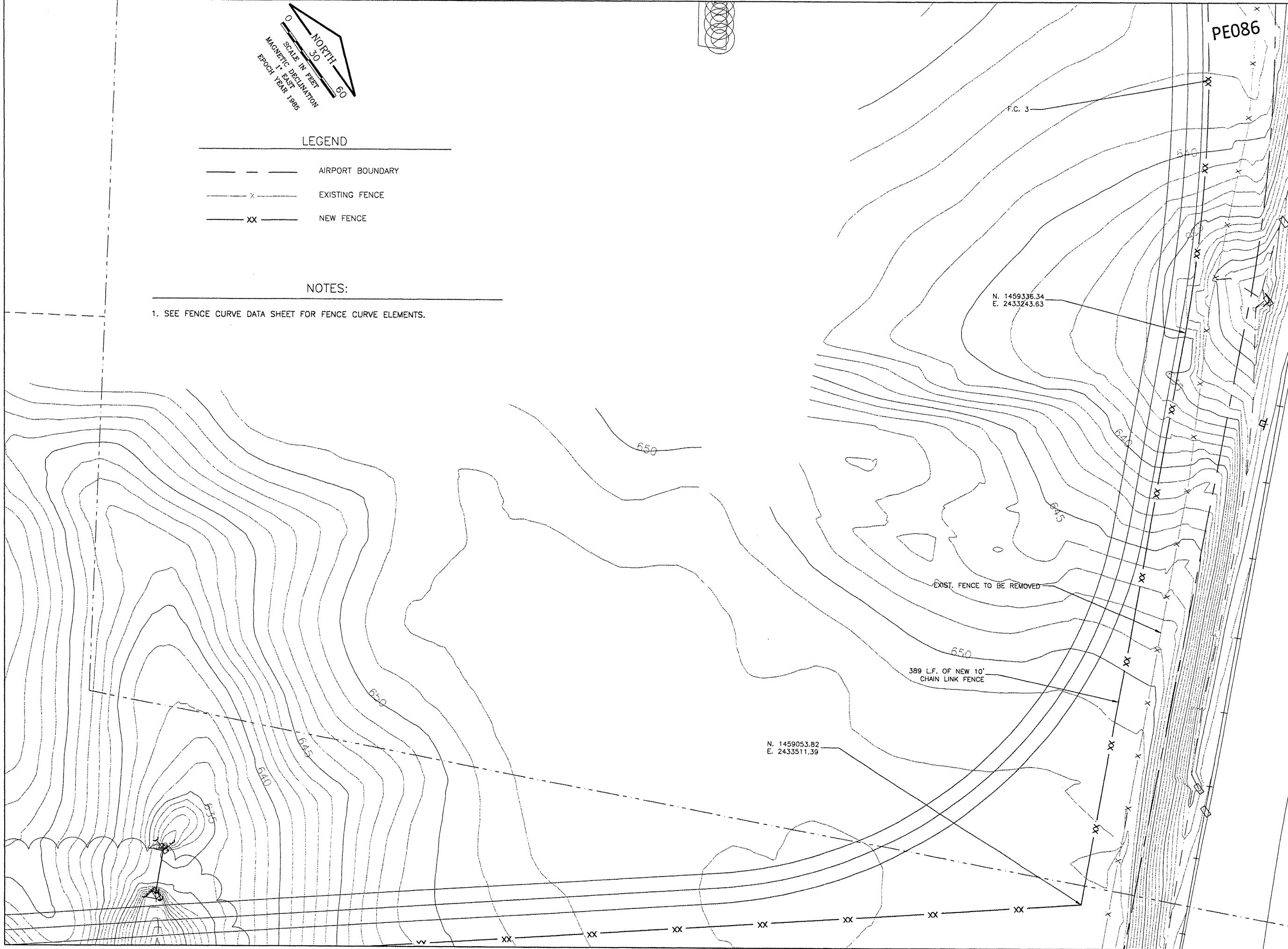
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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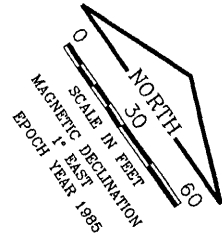
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NORTHEAST FENCE PLAN
SHEET 9 OF 14
SHEET 44 OF 140 SHEETS



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LEGEND

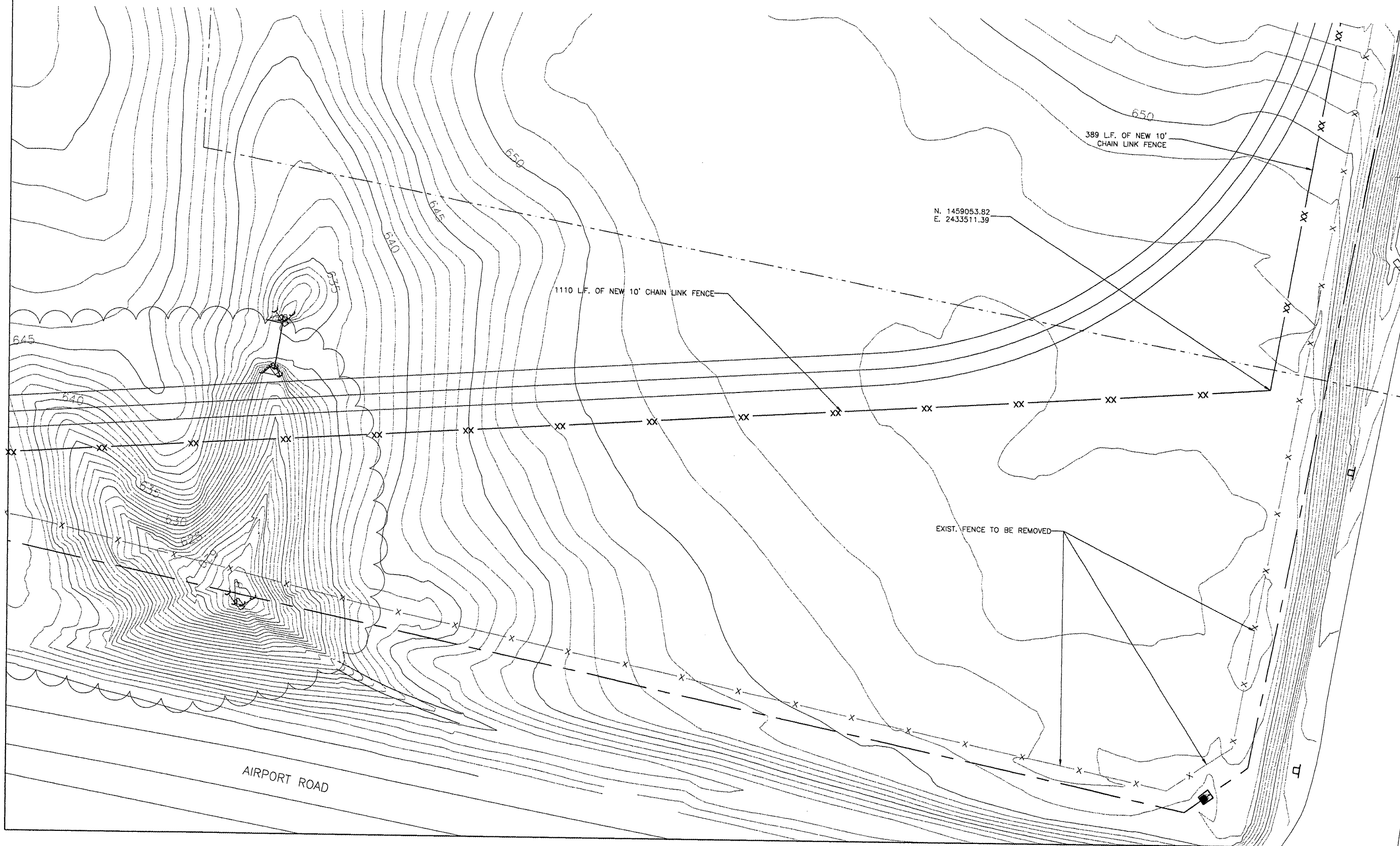
- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx- NEW FENCE

PE086

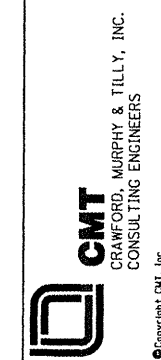
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NUMBER	BY	DATE

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THIS BAR IS EQUAL TO 2"
AT FULL SCALE (34x22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1



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AIP PROJ: 3-17-0080-XX

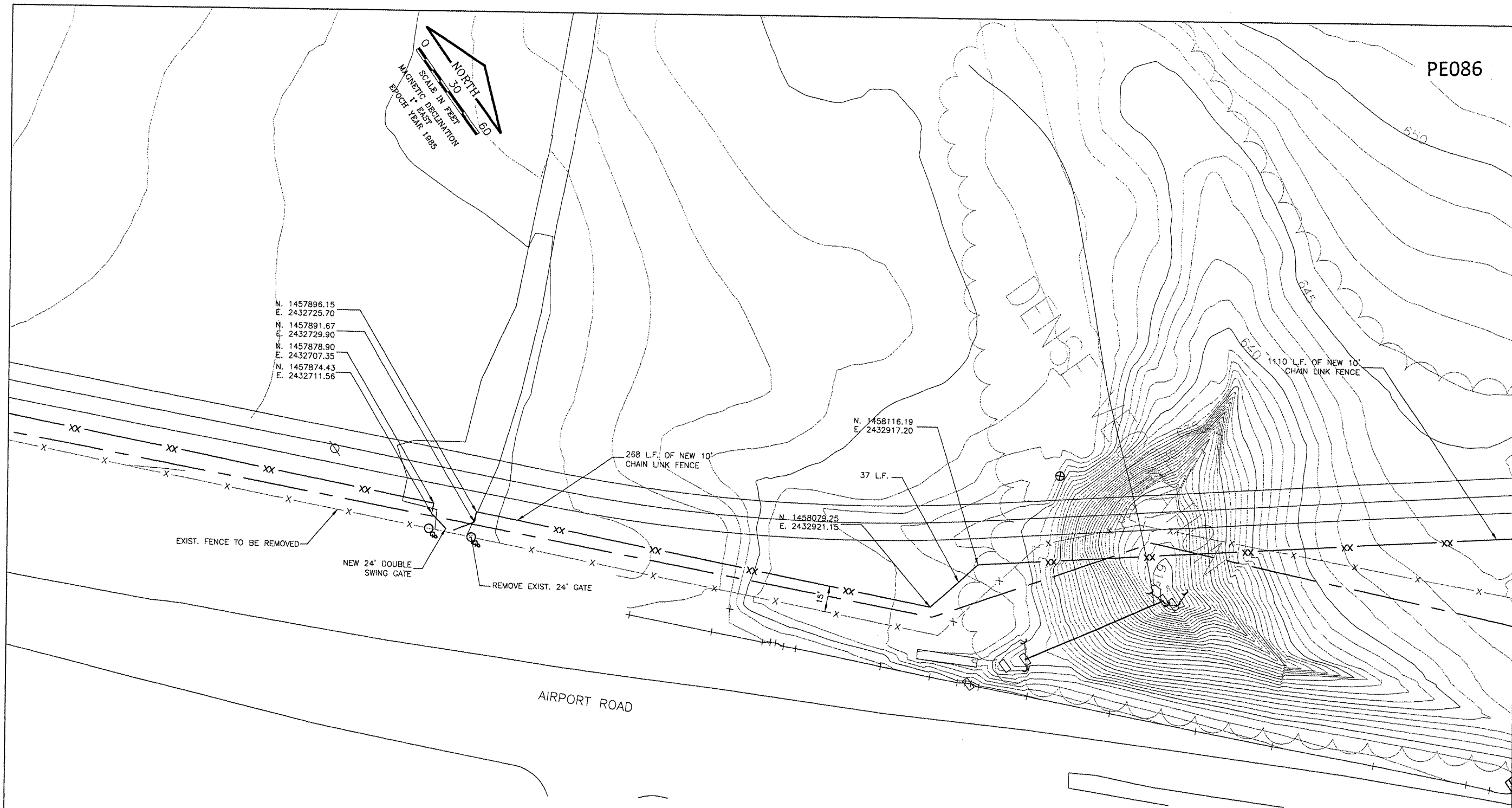
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DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
SHEET 10 OF 14

SHEET 45 OF 140 SHEETS

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N. 1457896.15
 E. 2432725.70
 N. 1457891.67
 E. 2432729.90
 N. 1457878.90
 E. 2432707.35
 N. 1457874.43
 E. 2432711.56

N. 1458116.19
 E. 2432917.20

N. 1458079.25
 E. 2432921.15

EXIST. FENCE TO BE REMOVED
 NEW 24' DOUBLE SWING GATE

REMOVE EXIST. 24' GATE

268 L.F. OF NEW 10' CHAIN LINK FENCE

37 L.F.

1110 L.F. OF NEW 10' CHAIN LINK FENCE

AIRPORT ROAD

LEGEND

- AIRPORT BOUNDARY
- X- EXISTING FENCE
- XX- NEW FENCE

NOTES:

1. SEE ROAD PLAN AND PROFILE SHEETS FOR NEW CONTOURS.
2. ANY EXISTING VEGETATION IN THIS AREA WILL BE REMOVED PRIOR TO REGRADING OF THE SITE.

PE086

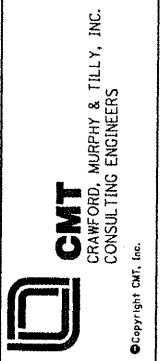
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NUMBER	BY	DATE

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 PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



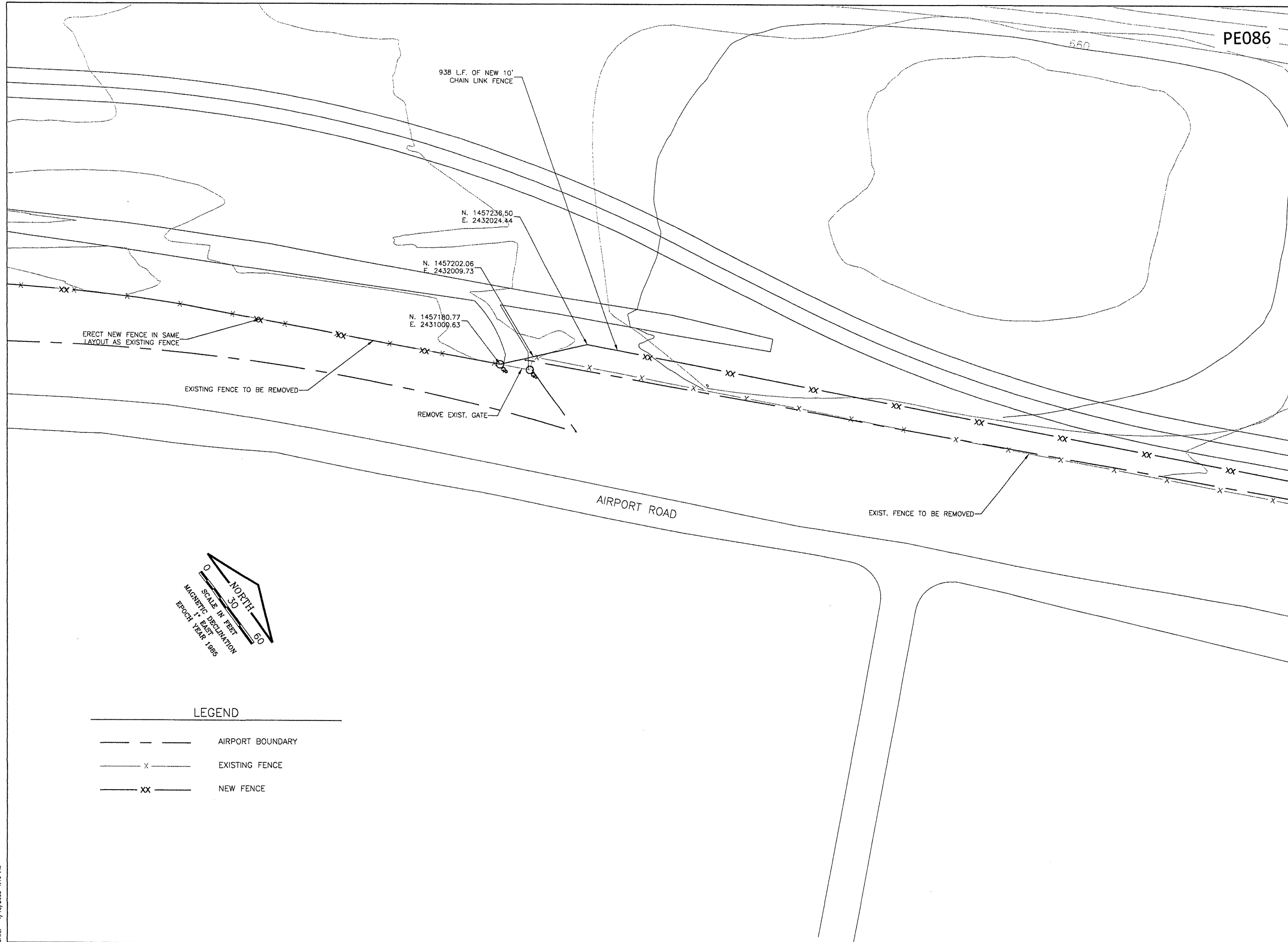
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NORTHEAST FENCE PLAN
 SHEET 11 OF 14

SHEET 46 OF 140 SHEETS

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0 1 2
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G R E A T E R
Peoria
 R E G I O N A L
Airport

CONSTRUCT NEW PERIMETER ROAD AND
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DATE:	10-26-2007
JOB No:	0706104

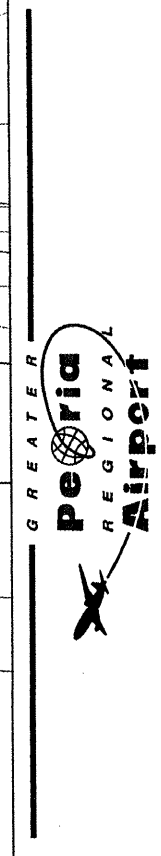
NORTHEAST FENCE PLAN
 SHEET 12 OF 14

SHEET 47 OF 140 SHEETS

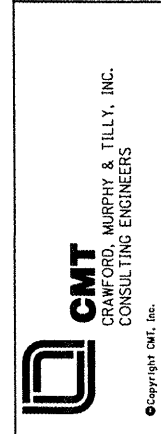
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0 1 2
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 AT FULL SCALE (34X22).
 PLOT 1



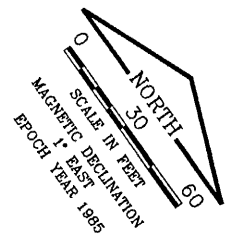
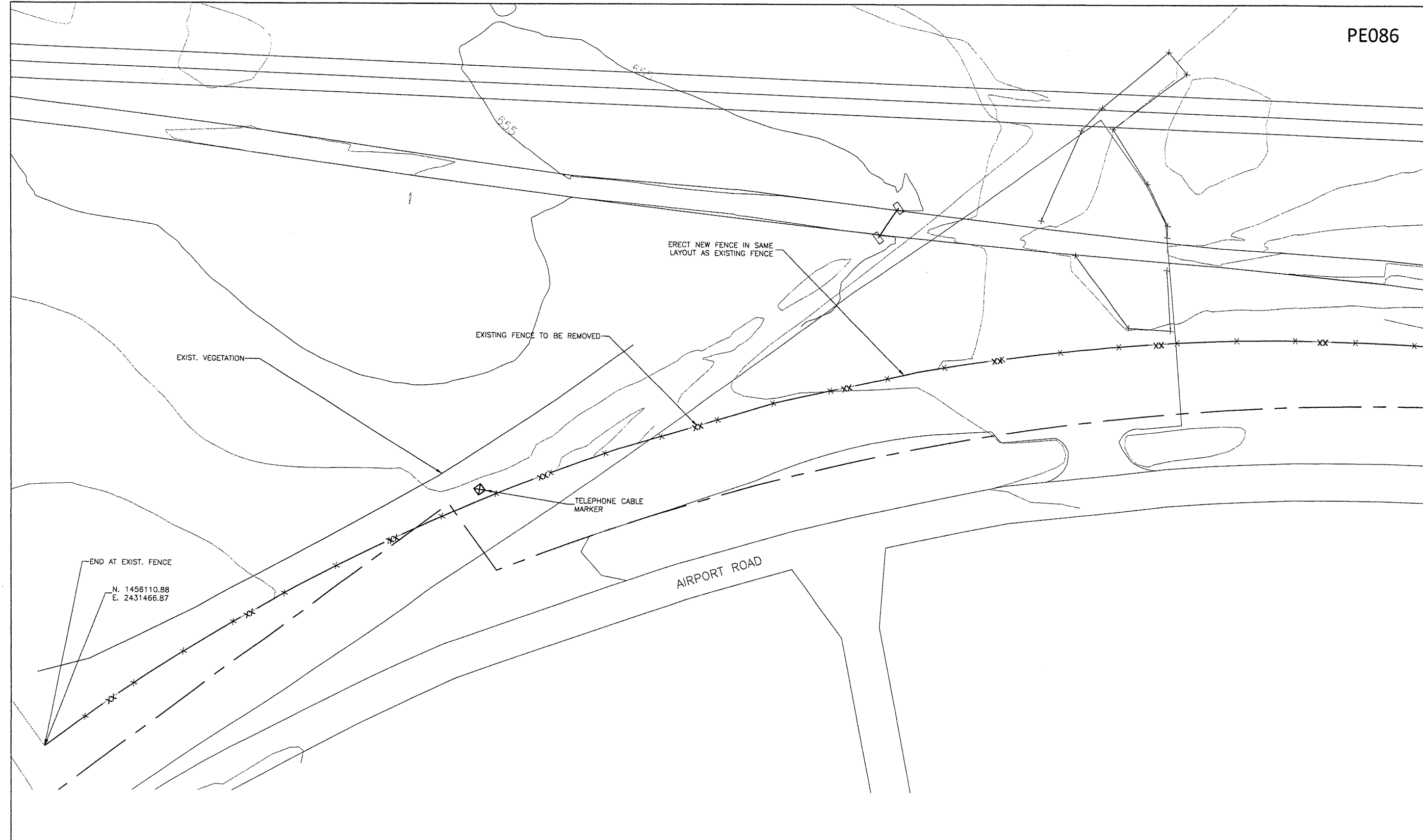
CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



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CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
 SHEET 13 OF 14
 SHEET 48 OF 140 SHEETS



LEGEND	
--- --	AIRPORT BOUNDARY
— x —	EXISTING FENCE
— xx —	NEW FENCE

NOTES:

1. IN AREAS WHERE THE EXISTING VEGETATION WOULD INTERFERE WITH THE NEW FENCE, THE VEGETATION SHALL BE MOVED SO NOT TO CAUSE ANY DISTURBANCE TO THE INTEGRITY OF THE FENCE.

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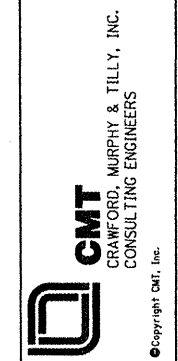
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REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2'
 AT FULL SCALE (34X22).
 PLOT 1



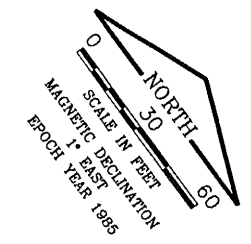
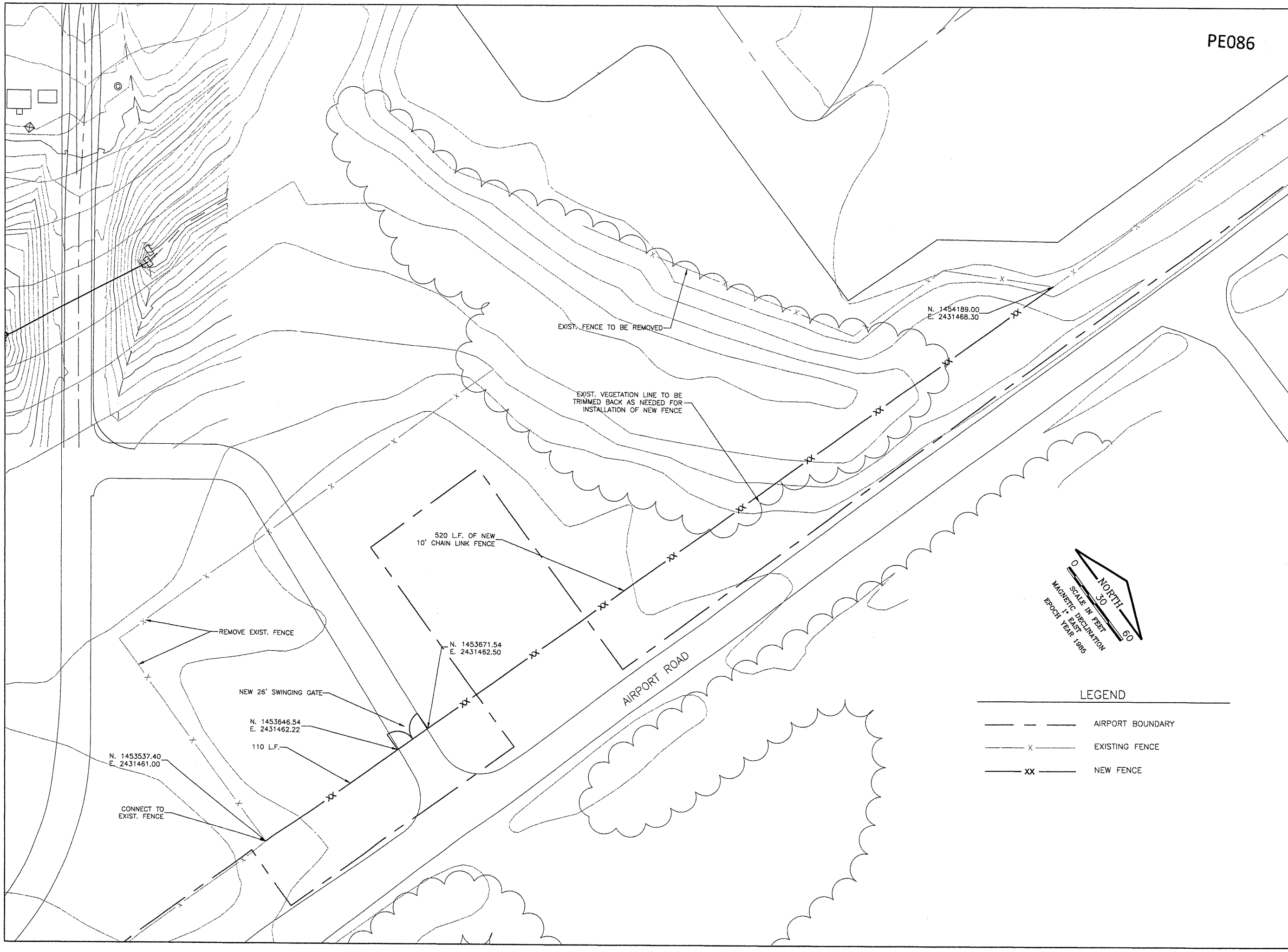
CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
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CHECKED BY:	XXX
APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

NORTHEAST FENCE PLAN
 SHEET 14 OF 14
 SHEET 49 OF 140 SHEETS



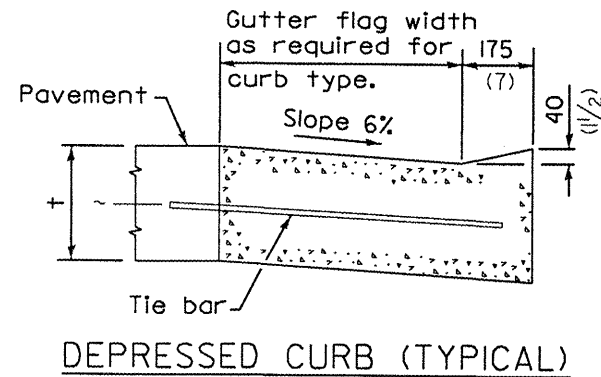
LEGEND

- AIRPORT BOUNDARY
- x- EXISTING FENCE
- xx- NEW FENCE

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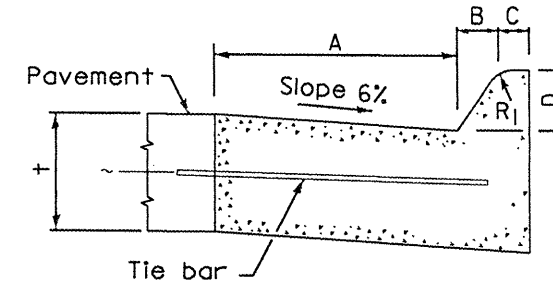
FENCE CURVE DATA				
CURVE	POINTS	NORTHING	EASTING	CURVE ELEMENTS
F.C. 1	PC	1457836.45	2430855.73	RADIUS = 294.12'
	C	1458127.02	2430810.21	LENGTH = 219.59'
	PT	1457994.65	2431040.96	DELTA = 42° 46' 37"
F.C. 2	PC	1457965.99	2431057.82	RADIUS = 300'
	C	1458152.00	2430822.45	LENGTH = 154.26'
	PT	1458105.81	2431118.87	DELTA = 29° 27' 45"
F.C. 3	PC	1459537.79	2432976.74	RADIUS = 1014'
	C	1458638.82	2432507.66	LENGTH = 335.92'
	PT	1459336.34	2433243.63	DELTA = 18° 58' 51"

NOTE: THE FENCE SHALL BE CONSTRUCTED AROUND THE RADIUS SHOWN IN CHORD LENGTHS NOT TO EXCEED 100'. EACH POST THE BEGINNING AND END OF THE INDIVIDUAL CHORDS SHALL BE A CORNER POST WITH BRACE AND TRUSS ROD IN BOTH DIRECTIONS.



DEPRESSED CURB (TYPICAL)

NOTE: DEPRESSED CURB TO BE CONSTRUCTED ADJACENT TO NEW PAVEMENT AT JOHANSEN ROAD AS SHOWN IN PLANS. NEW COMBINED CURB AND GUTTER SHALL MATCH DIMENSIONS OF EXISTING CURB AND GUTTER AT JOHANSEN ROAD.



MOUNTABLE CURB

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R ₁	R ₂
M-5.15 (M-2.06)	150 (6)	50 (2)	100 (4)	50 (2)	75 (3)	50 (2)
M-5.30 (M-2.12)	300 (12)	50 (2)	100 (4)	50 (2)	75 (3)	50 (2)
M-10.15 (M-4.06)	150 (6)	100 (4)	75 (3)	100 (4)	75 (3)	NA
M-10.30 (M-4.12)	300 (12)	100 (4)	75 (3)	100 (4)	75 (3)	NA
M-10.45 (M-4.18)	450 (18)	100 (4)	75 (3)	100 (4)	75 (3)	NA
M-10.60 (M-4.24)	600 (24)	100 (4)	75 (3)	100 (4)	75 (3)	NA
M-15.15 (M-6.06)	150 (6)	150 (6)	50 (2)	150 (6)	50 (2)	NA
M-15.30 (M-6.12)	300 (12)	150 (6)	50 (2)	150 (6)	50 (2)	NA
M-15.45 (M-6.18)	450 (18)	150 (6)	50 (2)	150 (6)	50 (2)	NA
M-15.60 (M-6.24)	600 (24)	150 (6)	50 (2)	150 (6)	50 (2)	NA

NOTE: MOUNTABLE COMBINED CURB AND GUTTER SHALL BE CONSTRUCTED ADJACENT TO AREA OF COLLAPSED INLET TO BE REMOVED AND REPLACED AS SHOWN ON NORTHEAST FENCE PLAN SHEET 1 OF 14.

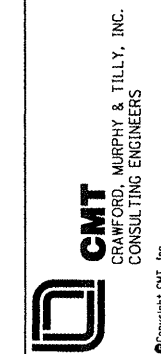
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0 1 2
THIS BAR IS EQUAL TO 2"
AT FULL SCALE (3/4"X22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1



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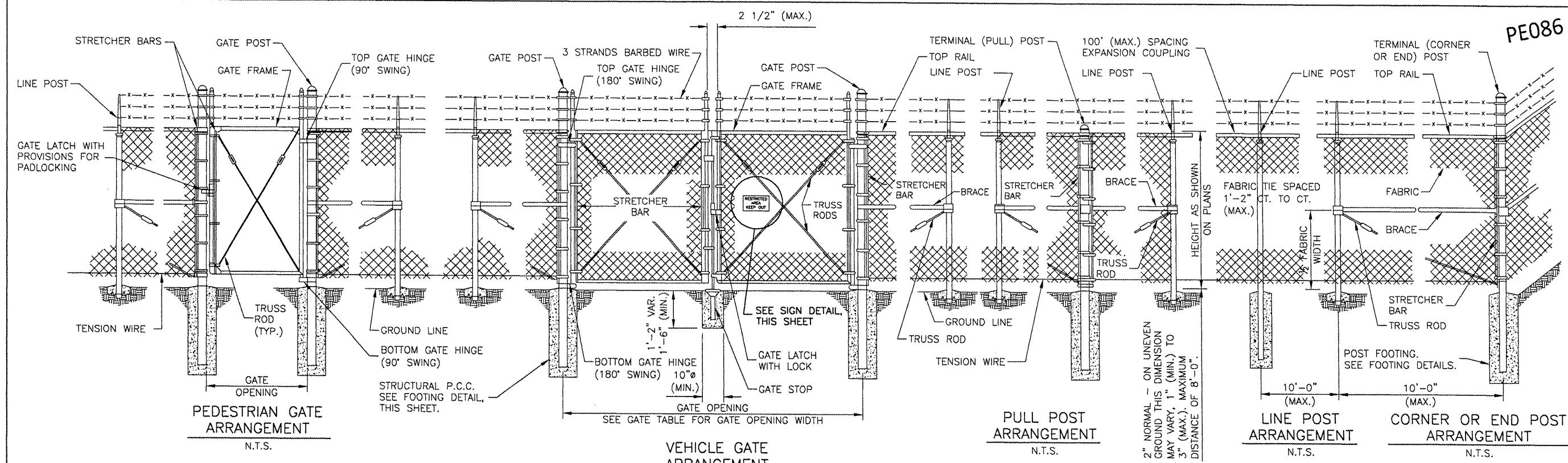
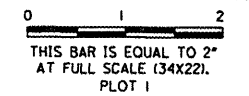
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APPROVED BY:	XXX
DATE:	10-26-2007
JOB No:	0706104

FENCE CURVE DATA

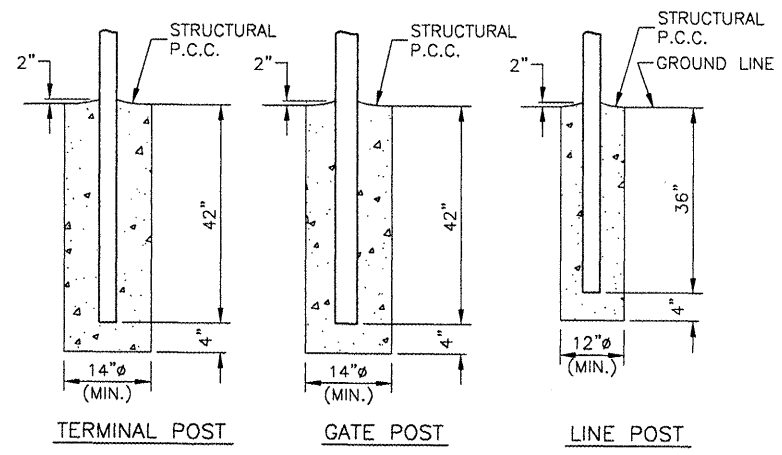
SHEET 50 OF 140 SHEETS

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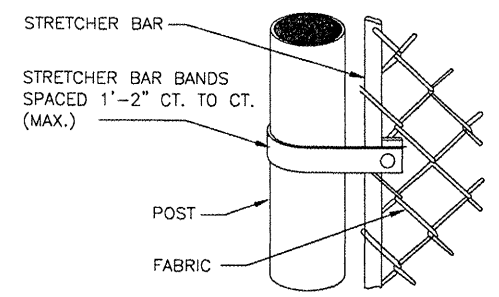
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NUMBER	BY	DATE



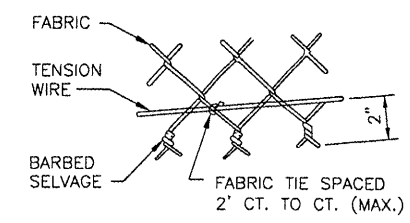
PULL POSTS SHALL BE PLACED AT LOCATIONS DETERMINED BY THE ENGINEER. THEY SHALL BE PLACED AT 660 FT. INTERVALS BETWEEN POSTS TO WHICH THE ENDS OF THE FABRIC ARE CLAMPED OR MIDWAY BETWEEN SUCH POSTS WHEN THE DISTANCE IS LESS THAN 1320 FT. AND GREATER THAN 660 FT.



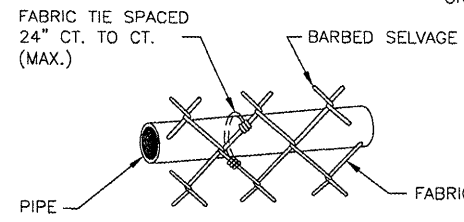
FOOTING DETAILS
N.T.S.



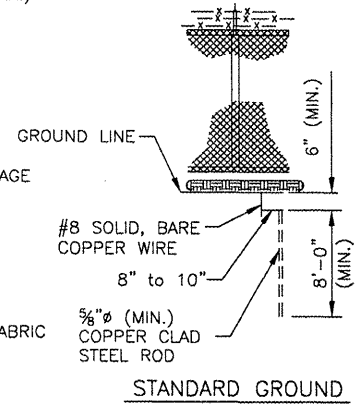
FASTENING STRETCHER BAR TO POST
N.T.S.



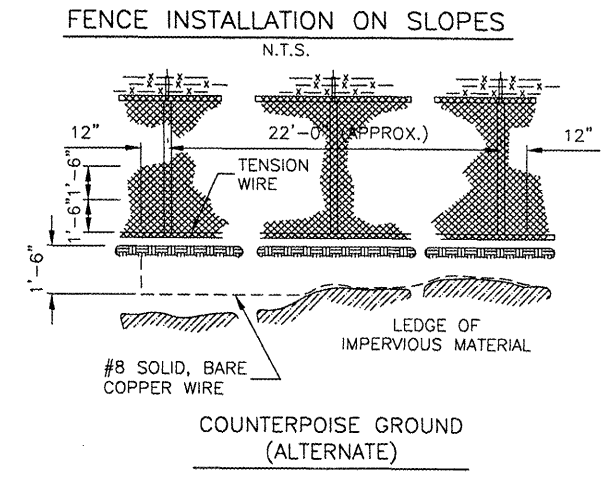
TYING FABRIC TO TENSION WIRE
N.T.S.



TYING FABRIC TO PIPE
N.T.S.



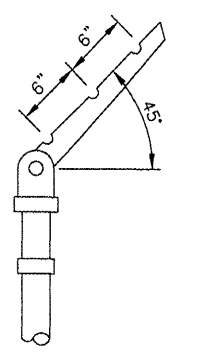
STANDARD GROUND



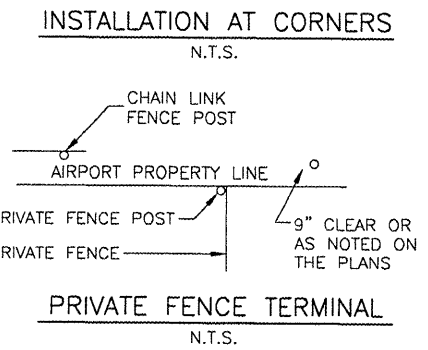
COUNTERPOISE GROUND (ALTERNATE)

PROTECTIVE ELECTRICAL GROUND DETAILS
N.T.S.

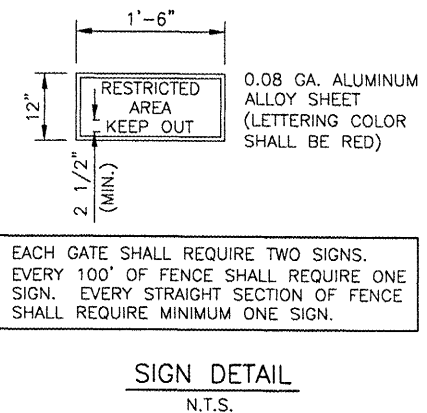
WHERE FENCE LINE HAS A CHANGE IN DIRECTION OF 15° OR MORE, A TERMINAL POST SHALL BE PLACED AS SHOWN ABOVE. WHERE ANGLE IS LESS THAN 15° AND EXISTING CONDITIONS REQUIRE A TERMINAL POST, THEY SHALL BE PLACED AS DIRECTED BY THE ENGINEER.



BARBED WIRE ARM ON LINE POST
N.T.S.



INSTALLATION AT CORNERS
N.T.S.



SIGN DETAIL
N.T.S.

- NOTES**
1. CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT EXCEEDING 1000 FT. EXCEPT THERE SHALL BE A GROUND NOT EXCEEDING 100 FT. FROM GATE IN EACH SECTION OF THE FENCE ADJACENT TO THE GATE.
 2. FENCE UNDER POWER LINES SHALL BE GROUNDED BY 3 GROUNDS, ONE DIRECTLY UNDER THE CROSSING AND ONE ON EACH SIDE 25 TO 50 FT. AWAY. A SINGLE GROUND SHALL BE LOCATED DIRECTLY UNDER EACH TELEPHONE WIRE OR CABLE CROSSINGS.
 3. THE COUNTERPOISE SHALL BE USED ONLY WHERE IT IS IMPOSSIBLE TO DRIVE A GROUND ROD BECAUSE OF IMPERVIOUS EARTH STRUCTURES.
 4. THE GROUND WIRE SHALL BE CONNECTED TO THE FABRIC AND THE GROUND ROD BY A MECHANICAL CLAMP OF CAST BRONZE BODY AND BRONZE OR STAINLESS STEEL BOLTS AND WASHERS. WHEN A TENSION WIRE IS REQUIRED, THE BOTTOM CONNECTION OF THE GROUND WIRE SHALL BE MADE TO THE TENSION WIRE.
 5. ALL PROPOSED CLASS E FENCE SHALL MEET THE REQUIREMENTS OF IDOT STANDARD 664001-01.

GREATER Peoria REGIONAL Airport
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

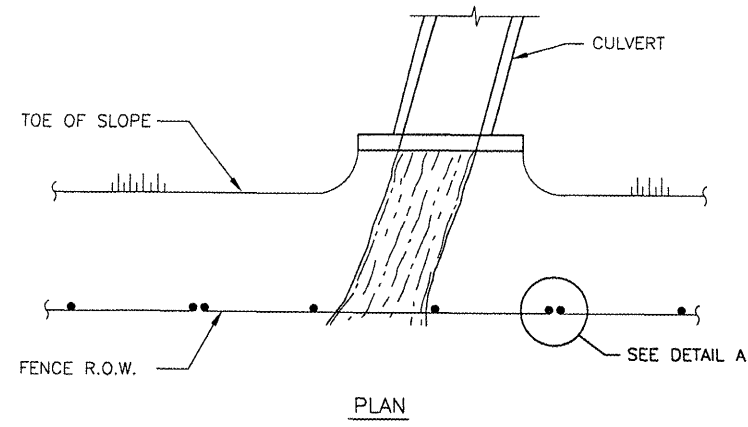
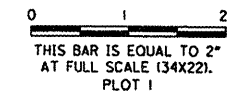
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 FILE:
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 DATE: 10-26-2007
 JOB No: 0706104
FENCE DETAILS 1
 SHEET 51 OF 140 SHEETS

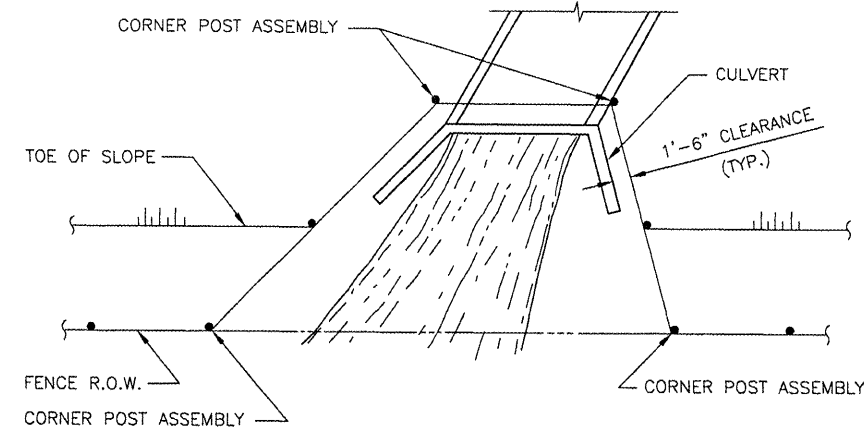
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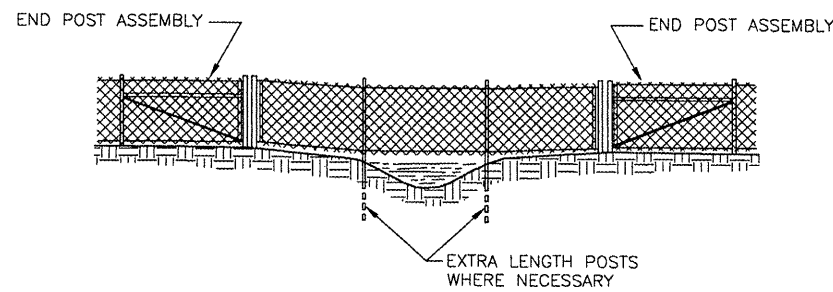
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PLAN

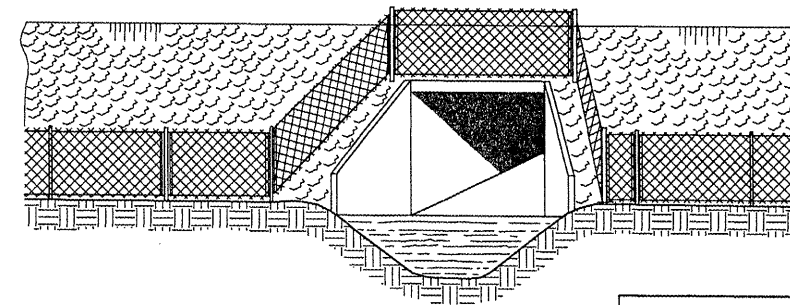


PLAN



THE CHAIN LINK FABRIC SHALL BE REPLACED BY BARBED WIRE STRANDS AT 12" MAXIMUM CENTERS BETWEEN THE DOUBLE POSTS SHOWN ON DETAIL A WHEN SHOWN ON THE PLANS.

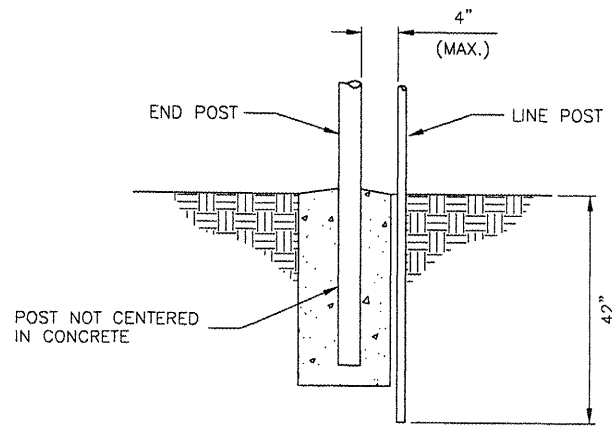
ELEVATION



ELEVATION

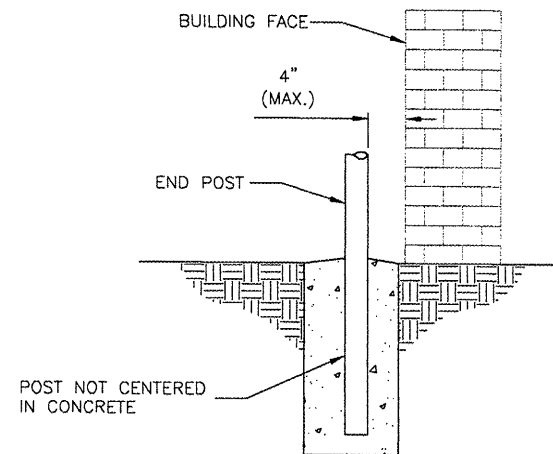
WHEN THE WIDTH OF THE CULVERT MAKES IT NECESSARY TO ANCHOR A POST TO THE TOP OF THE CULVERT, A CAST IRON SHOE OR OTHER DEVICE APPROVED BY THE ENGINEER SHALL BE USED.

FENCE INSTALLATION AROUND HEADWALL DETAILS
N.T.S.

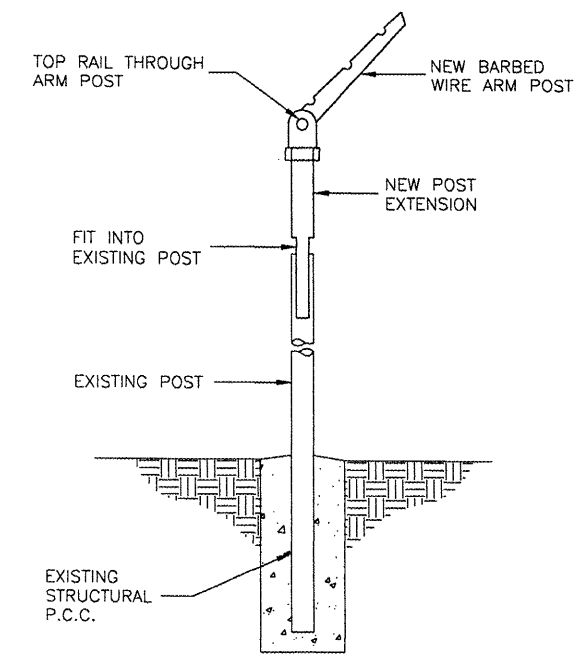


DETAIL A

FENCE INSTALLATION OVER STREAM DETAILS
N.T.S.



FENCE INSTALLATION AT BUILDING FACE
N.T.S.



POST EXTENSION DETAIL
N.T.S.

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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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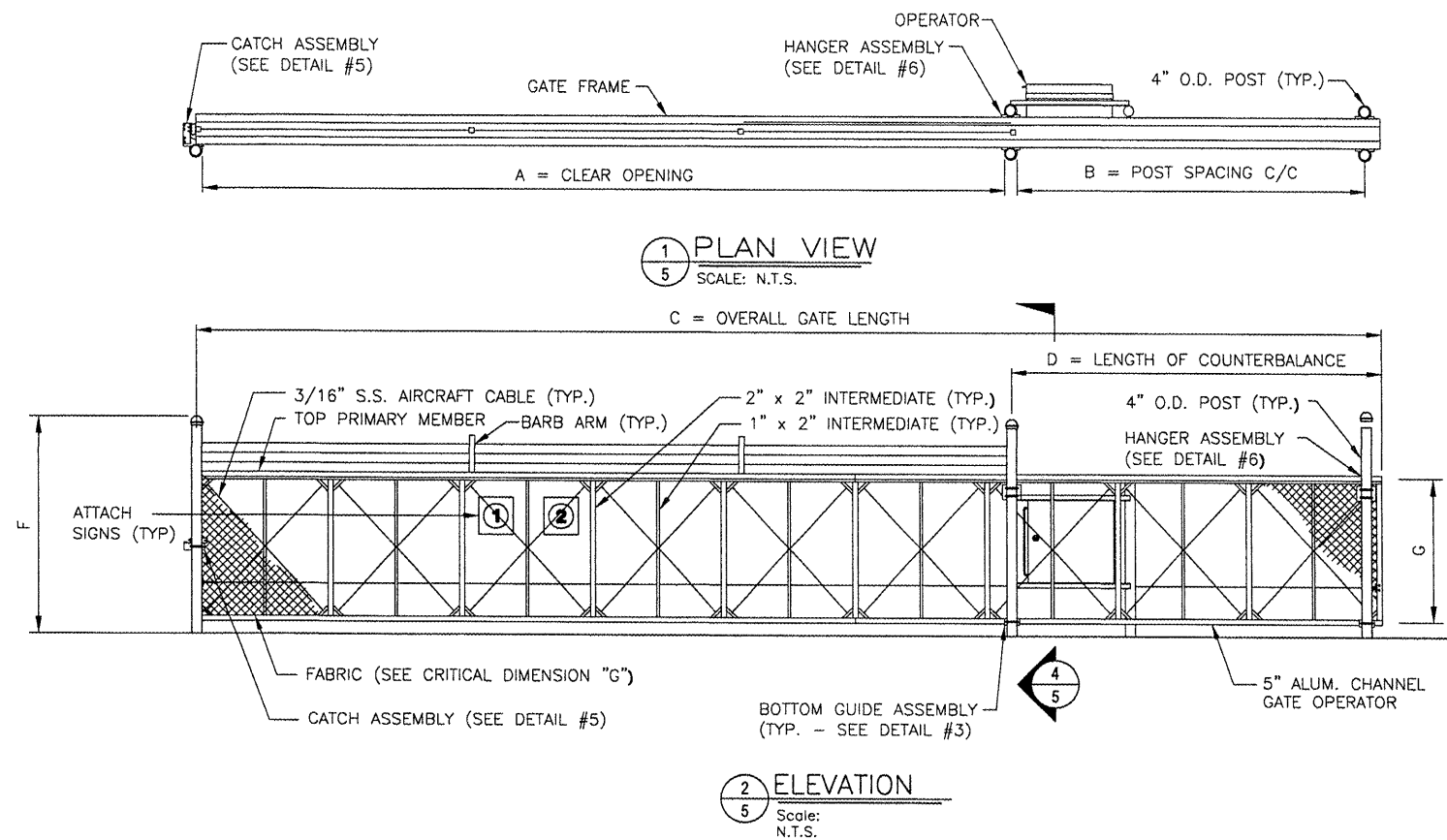
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DATE:	10-26-2007
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FENCE DETAILS 2

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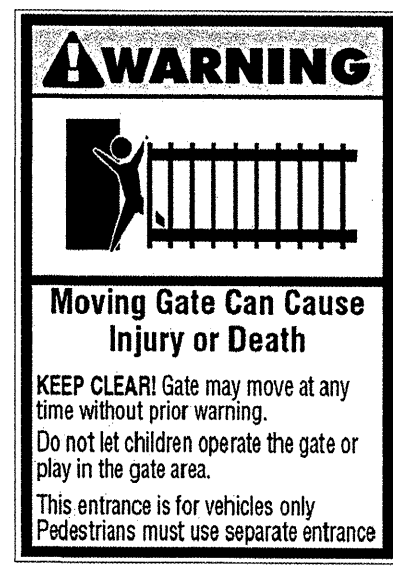


CANTILEVER SLIDE GATE CRITICAL DIMENSION CHART			
	FORMULA	18' GATE	24' GATE
A	CLEAR OPENING	18'-0"	24'-0"
B	COUNTERBALANCE POST SPACING C/C	(A/2)-11"	8'-1"
C	OVERALL GATE LENGTH	A x 1.5	27'-0"
D	COUNTERBALANCE LENGTH	A x 0.5	9'-0"
E	NOMINAL GATE HEIGHT	E	10'-0"
F	POST HEIGHT	E + 1'-6"	11'-6"
G	FABRIC HEIGHT	E - 1'-0"	9'-0"

- Notes:
- 1) In the 1st row under the Title, you can replace the Gate width with a Gate # if you wish.
 - 2) Dimensions E F & G are for an 8-foot tall Gate. Adjust as needed for your specific fence height.
 - 3) Dimension F is for a Gate that has barbed wire. If your Gate will not have barbed wire, subtract one foot from the dimension.

SIGNALS					
CONTRACTOR SHALL FURNISH AND INSTALL SIGNALS AS INDICATED IN TABLE BELOW					
SIGN	DIMENSIONS	BACKGROUND COLOR	LETTERING COLOR	LETTERING HEIGHT	TEXT
1	24' x 18"	WHITE	RED	1.5"	FAA REGULATIONS REQUIRE THAT AFTER ENTERING OR EXITING THROUGH THIS SECURITY GATE YOU ARE REQUIRED TO WAIT UNTIL THE GATE CLOSES BEFORE PROCEEDING. FINES OR PENALTIES WILL BE IMPOSED.
2	SEE WARNING SIGN DETAIL				

NOTES
1) SIGNALS SHALL BE INSTALLED ON BOTH SIDES OF GATE.



WARNING SIGN DETAIL

UL 235 COMPLIANCE NOTES

- GATE INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF UL 235, INCLUDING, BUT NOT LIMITED TO:
1. ALL OPENINGS OF THE SLIDE GATE ARE GUARDED OR SCREENED FROM THE BOTTOM OF THE GATE TO A MINIMUM OF 4 FEET ABOVE GROUND TO PREVENT A 2-1/4" DIAMETER SPHERE FROM PASSING THROUGH THE OPENINGS ANYWHERE IN THE GATE, AND IN THAT PORTION OF THE ADJACENT FENCE THAT THE GATE COVERS IN THE OPEN POSITION.
 2. ALL EXPOSED PINCH POINTS ARE ELIMINATED OR GUARDED AND GUARDING IS SUPPLIED FOR ALL EXPOSED ROLLERS.
 3. A WARNING SIGN (SEE DETAIL, THIS SHEET) MUST BE AFFIXED TO BOTH SIDES OF THE SLIDE GATE.
 4. FOR ADDITIONAL UL 235 REQUIREMENTS FOR THIS GATE INSTALLATION, SEE GATE OPERATOR DETAILS SHEET.

NOTES

1. CANTILEVERED GATE SHALL BE SUFFICIENTLY RIGID TO WITHSTAND FLEXING OR BENDING DURING WINDY CONDITIONS. CONTRACTOR SHALL PROVIDE STIFFENERS, STRUCTURAL SHAPES IN EXCESS OF THE MINIMUM SPECIFIED DIMENSIONS OR ADDITIONAL ROLLERS AND POSTS SUFFICIENT TO PREVENT DISPLACEMENT OF THE GATE BY WIND OR BY UNAUTHORIZED PERSONNEL.
2. CONTRACTOR SHALL PROVIDE AND INSTALL GATE AS COMPLETE WORKING UNIT. THE GATE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: GATE, OPERATOR, DIGITAL CODE CONTROL AND POWER CABLES, CONDUIT, TRENCHING, CIRCUIT BREAKERS, AND ALL CONNECTIONS, LABOR AND MATERIALS NECESSARY TO COMPLETE OPERATION.
3. LOCATION OF THE GATE OPERATOR SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
4. PIPE BOLLARDS SHALL BE INSTALLED AT LOCATIONS SHOWN IN PLAN VIEW.
5. THE FABRIC TYPE AND FINISH OF THE GATE, MATCH WITH PROPOSED FENCE OR AS DIRECTED BY THE ENGINEER.
6. ALL SLIDING GATES SHALL HAVE ALL ROLLERS ENCLOSED IN STEEL OR PLASTIC SHROUDS TO PREVENT ACCIDENTAL INJURY.

LOCATIONS, DETAILS AND CHARACTER OF EQUIPMENT SHOWN ON THIS SHEET IS GENERIC. EQUIPMENT LOCATIONS SHALL BE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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CONSULTING ENGINEERS

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CANTILEVER GATE
DETAILS 1

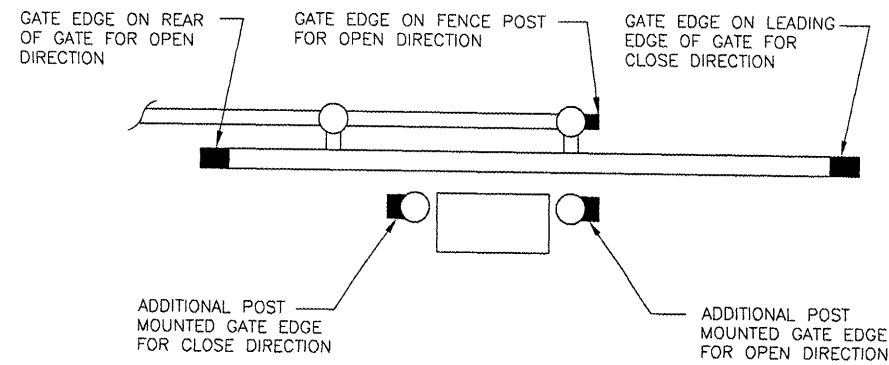
SHEET 53 OF 140 SHEETS

PE086

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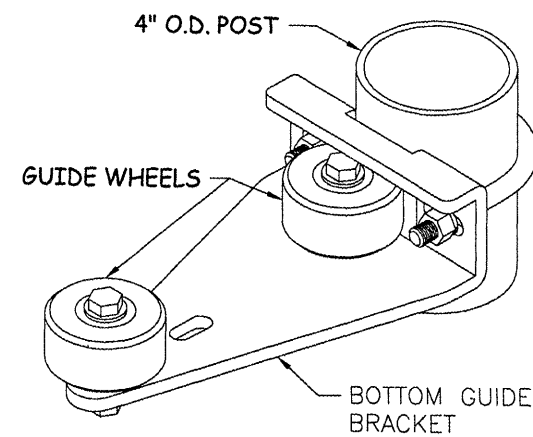
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PLOT 1

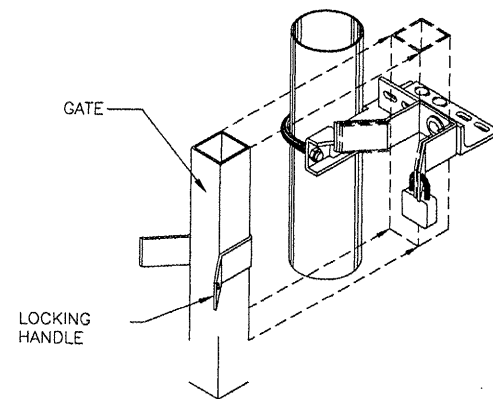


SECONDARY GATE OPERATOR ENTRAPMENT PROTECTION CONTACT SENSORS

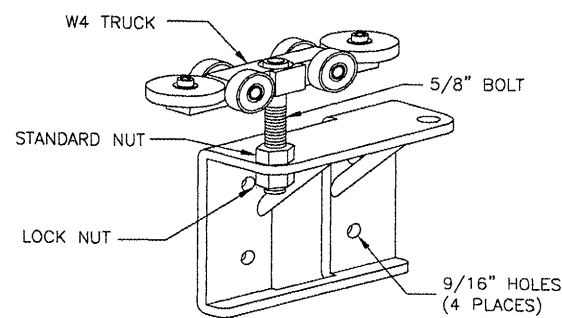
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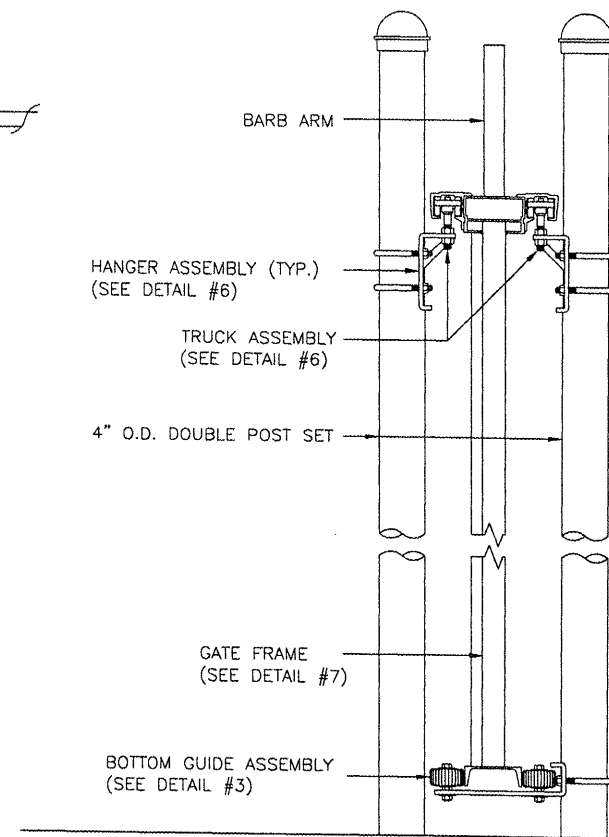
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BOTTOM GUIDE
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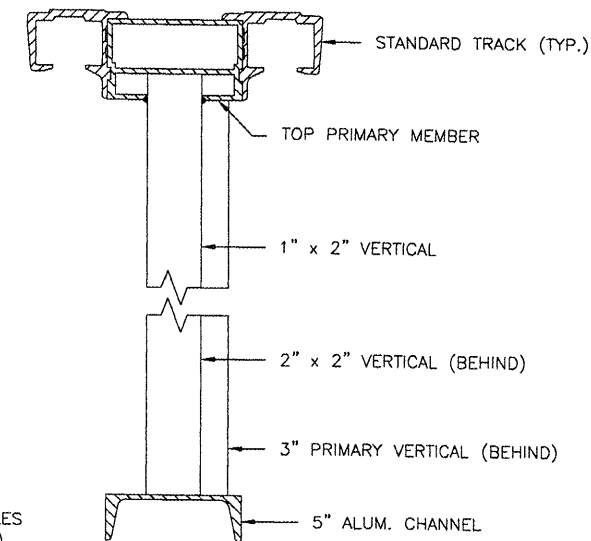
5
5
CATCH ASSEMBLY
N.T.S.



6
5
GATE HANGER ASSEMBLY
N.T.S.



4
5
ASSEMBLY SECTION
N.T.S.



7
5
GATE FRAME SECTION
N.T.S.

GREATER Peoria REGIONAL Airport
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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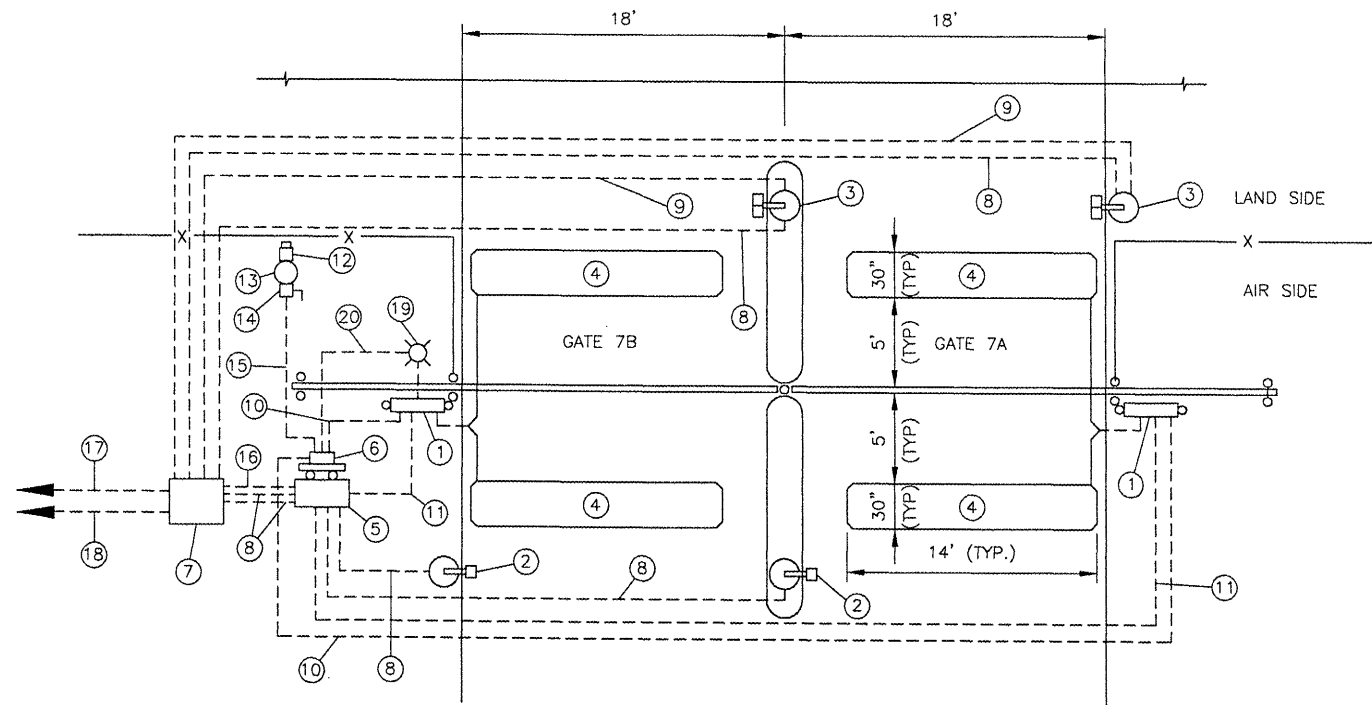
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CANTILEVER GATE DETAILS 2

SHEET 54 OF 140 SHEETS

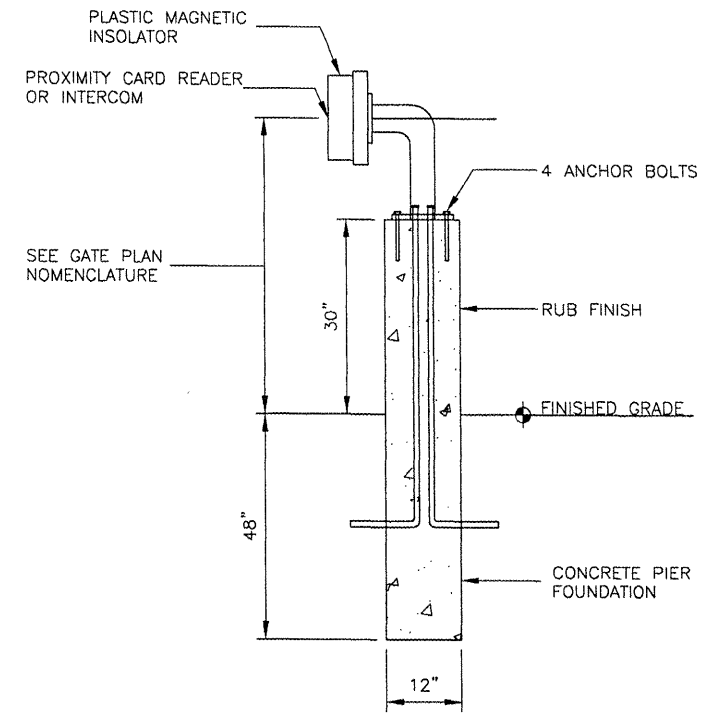
CANTILEVER SLIDE GATE DETAILS

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GATE 7A AND 7B PLAN
N.T.S.

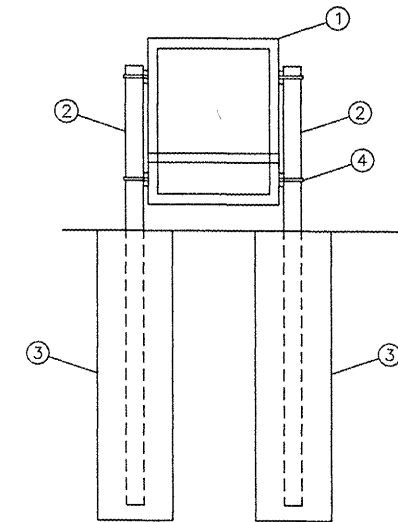
- ① CANTILEVER GATE OPERATOR, OSCO MODEL HSLG, 3/4 HP, 240V, SINGLE-PHASE.
- ② LONG-RANGE PROXIMITY CARD READER, HID MAXI-PROX. MOUNT ON CONCRETE PEDESTAL FOUNDATION. MOUNTING HEIGHT IN VEHICLE TRAFFIC LANE SHALL BE AS RECOMMENDED BY GATE OPERATOR SUPPLIER, NOMINALLY 42". MOUNTING HEIGHT IN FUEL TRUCK TRAFFIC LANE SHALL BE AS DIRECTED BY THE AIRPORT THROUGH THE ENGINEER.
- ③ LONG-RANGE PROXIMITY CARD READER, HID MAXI-PROX AND INTERCOM CALL BOX, TALK-A-PHONE ETP-400C IN NEMA 4X ENCLOSURE. MOUNT ON CONCRETE PEDESTAL FOUNDATION. MOUNTING HEIGHT IN VEHICLE TRAFFIC LANE SHALL BE AS RECOMMENDED BY GATE OPERATOR SUPPLIER, NOMINALLY 42". MOUNTING HEIGHT IN FUEL TRUCK TRAFFIC LANE SHALL BE AS DIRECTED BY THE AIRPORT THROUGH THE ENGINEER.
- ④ DETECTOR LOOPS.
- ⑤ IDENTICARD 9000 SERIES ACCESS CONTROLLER AND ACCESSORIES IN ENVIRONMENTAL NEMA 4X ENCLOSURE.
- ⑥ LOAD CENTER, 12-SPACES, 100A, 120/240V, SINGLE-PHASE, 3-WIRE, WITH 30A, 2P MAIN CIRCUIT BREAKER, IN NEMA 3R ENCLOSURE, SQUARE D QO, OR EQUIVALENT. MOUNT LOAD CENTER TO STRUT-TYPE FRAMING ON BACK SIDE OF ACCESS CONTROLLER. PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
 - 20A, 2P (GATE 7A 240V POWER)
 - 20A, 2P (GATE 7B 240V POWER)
 - 20A, 1P (ACCESS CONTROLLER 120V POWER)
 - 20A, 1P (AREA LIGHT 120V POWER)
 - 20A, 1P (WEATHERPROOF GFCI RECEPTACLE 120V POWER)
 NOT SHOWN: PROVIDE A WEATHERPROOF GFCI RECEPTACLE, MOUNTED BELOW LOAD CENTER.
- ⑦ POLYMER CONCRETE HANDHOLE. HANDHOLE SHALL BE SOLID-BOTTOM DESIGN AND SHALL BE QUAZITE/HUBBELL #PG-2436-DA-42 WITH #PG-2436-HA-00-17 COVER, OR EQUIVALENT. HANDHOLES SHALL BE 24"W X 36"L X 42" DEEP. THE USE OF CHOPPED FIBERGLASS STRANDS, HIGH DENSITY POLYETHYLENE OR HIGH DENSITY POLYSTYRENE IS UNACCEPTABLE. PLASTIC AND/OR FIBERGLASS BOXES WILL NOT BE CONSIDERED AS ACCEPTABLE ALTERNATES FOR POLYMER CONCRETE HANDHOLES.
- ⑧ 6-CONDUCTOR #18 SHIELDED CABLE IN 1" CONDUIT. CONTRACTOR SHALL VERIFY WITH CARD READER SUPPLIER.
- ⑨ TELEPHONE CABLE MATCHING EXISTING IN 1" CONDUIT.
- ⑩ TWO #12 THWN (240V POWER), ONE #12 GROUND IN 3/4" CONDUIT.
- ⑪ 2/C #14 SHIELDED CABLE (GATE OPEN CONTROL) IN 1" CONDUIT.
- ⑫ UTILITY METER, FURNISHED BY UTILITY, INSTALLED BY CONTRACTOR PER UTILITY REQUIREMENTS.
- ⑬ UTILITY POLE FOR OVERHEAD UTILITY SERVICE, FURNISHED AND INSTALLED BY UTILITY.
- ⑭ HEAVY DUTY SERVICE ENTRANCE RATED DISCONNECT, 30A, 120/240V, WITH TWO 30A CLASS R FUSES, IN NEMA 3R ENCLOSURE, SQUARE D H221NRB, OR EQUIVALENT. PROVIDE EQUIPMENT GROUNDING KIT.
- ⑮ THREE #10 THWN IN 1" CONDUIT.
- ⑯ 6-CONDUCTOR 62.5/125 UM ARMORED FIBER OPTIC CABLE IN CONDUIT.
- ⑰ 6-CONDUCTOR 62.5/125 UM ARMORED FIBER OPTIC CABLE TO EXISTING GATE #7 LOCATION. SPLICE TO EXISTING 17 FIBER OPTIC CABLES TO PUBLIC SAFETY BUILDING.
- ⑱ DIRECT-BURIAL RATED TELEPHONE CABLE TO EXISTING GATE #7 LOCATION. SPLICE TO EXISTING TELEPHONE CABLES TO BYERLY HANGAR.
- ⑳ AREA LIGHT MOUNTED ON 20' TALL POLE. LUMINAIRE SHALL BE PHOTOCCELL CONTROLLED, 150W METAL HALIDE, LITHONIA KSE1-150M-R4SC-120-SP04-LPI-PER-PE1-DBB, OR EQUIVALENT. POLE SHALL BE LITHONIA SSA-20-4C WITH ANCHOR BOLTS, OR EQUIVALENT. COLOR SHALL BE DARK BRONZE.
- ㉑ TWO #12 THWN (120V), ONE #12 GROUND IN 3/4" CONDUIT.



CARD READER AND INTERCOM PEDESTAL DETAIL
N.T.S.

GATE 7A & 7B OPERATOR ELEVATION NOMENCLATURE

- ① CANTILEVER GATE OPERATOR, OSCO MODEL HSLG, 3/4 HP, 240V, SINGLE-PHASE.
- ② 3-1/2" GALVANIZED STEEL POSTS. USE SAME POSTS FOR ACCESS CONTROLLER SUPPORT POSTS.
- ③ 12" DIAMETER BY 4' DEEP CONCRETE FOOTINGS. USE SAME DESIGN FOR ACCESS CONTROLLER FOOTINGS.
- ④ U-BOLTS, SIDE PLATES AND HARDWARE, FURNISHED BY GATE OPERATOR SUPPLIER.



GATE 7A AND 7B OPERATOR ELEVATION
N.T.S.

UTILITY NOTE:
 THE GATE PLAN SHOWS AN OVERHEAD UTILITY SERVICE BEING PROVIDED. HOWEVER, THE UTILITY MAY INSTALL A PAD-MOUNTED UTILITY SERVICE INSTEAD. ANY WORK REQUIRED BY THE CONTRACTOR FOR THE INSTALLATION OF A PAD-MOUNTED UTILITY SERVICE INSTEAD OF A POLE-MOUNTED UTILITY SERVICE SHALL BE CONSIDERED INCIDENTAL TO THE ACCESS CONTROL PAY ITEM AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.

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 AT FULL SCALE (34X22).
 PLOT 1

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CONSTRUCT NEW PERIMETER ROAD AND
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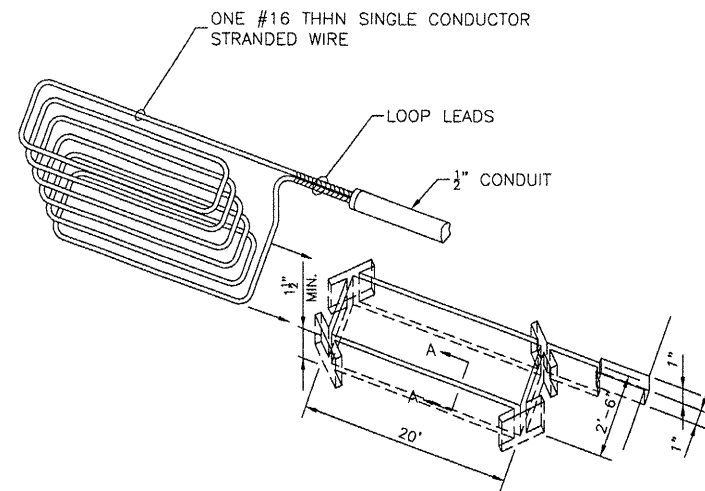
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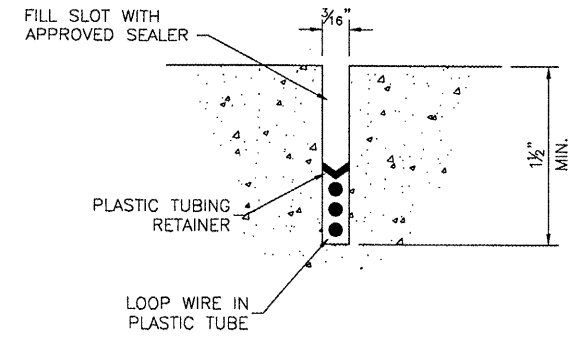


PERSPECTIVE VIEW OF
DETECTOR LOOP SAW SLOT

NOTE:
LOCATIONS, DETAILS AND CHARACTER OF EQUIPMENT SHOWN ON
THIS SHEET ARE GENERIC. EQUIPMENT LOCATION SHALL BE AS
RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

NOTES

1. LOOP LEADS ARE LIMITED TO 100 FEET.
2. LOOP LEADS MUST HAVE FOUR (4) TWISTS PER FOOT.
3. LOOP AND LOOP LEADS MUST BE LOCATED, AT LEAST, 18" FROM ANY ELECTRICAL POWER SERVICE OR STEEL REINFORCEMENT.
4. LOOP LEADS MUST BE IN SEPARATE CONDUIT BETWEEN LOOP AND DETECTOR. THEY MUST NOT SHARE CONDUIT WITH OTHER WIRING OR LEADS FROM OTHER LOOPS.
5. WIRE SHALL BE #16 THHN SINGLE CONDUCTOR STRANDED WIRE.
6. ALL WIRE SHALL BE CONTINUOUS WITHOUT SPLICING.



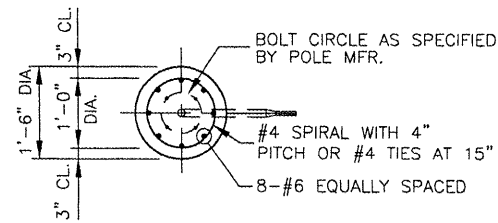
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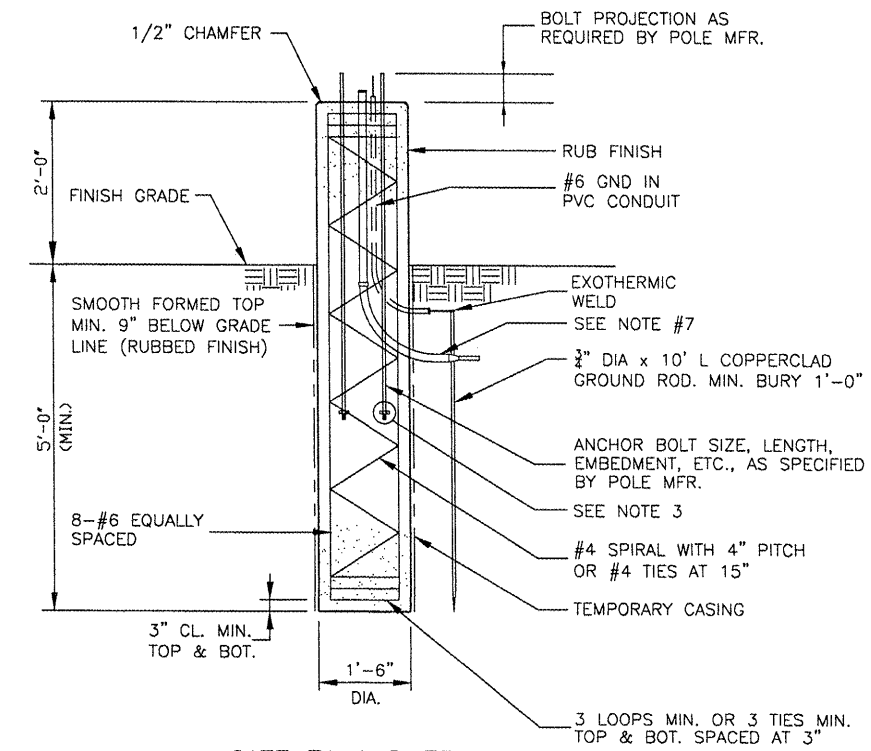
- DO NOT SPLICE WIRE.
- DO NOT FRACTURE WIRE INSULATION. LOOPS SHORTED TO GROUND WILL CAUSE DETECTOR MALFUNCTION. WHEN PLACING WIRE IN THE SLOT. DO NOT USE SCREWDRIVER OR OTHER SHARP TOOLS.

TYPICAL LAYOUT FOR LOOP:

- SAW SLOT 3/16" WIDE x 1-1/2" DEEP. MAKE RECTANGULAR SHAPE TO SPECIFIED LOOP DIMENSIONS PLUS SLOT FOR LEAD CONDUIT.
- GROUT WITH NO. 202 WEATHERBAN SEALANT (A PRODUCT OF 3M CO.) OR APPROVED EQUIVALENT ... (EXAMPLE: DE WITTS NO. 99 BLACK MASTIC CAULK).



TOP VIEW
N.T.S.



GATE 7A AND 7B AREA
LIGHT POLE FOUNDATION
N.T.S.

LIGHT POLE FOUNDATION NOTES

1. CONCRETE SHALL BE CAST MONOLITHICALLY. NO CONSTRUCTION JOINTS SHALL BE ALLOWED.
2. THE ANCHOR BOLTS FOR THE POLE SHALL BE DESIGNED BY THE POLE MANUFACTURER. MIN. EMBEDMENT SHALL BE 36".
3. A NUT SHALL BE INSTALLED ON THE EMBEDDED END OF THE ANCHOR ROD. DEFORM THREAD OR USE CHEMICAL THREAD LOCK TO SECURE NUT.
4. THE MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 P.S.I. @ 14 DAYS (DOT CLASS S).
5. THE REINFORCEMENT SHALL CONFORM TO ASTM A-615 GRADE 60.
6. #4 LAP=2'-0" MIN.
7. WIRING FOR LIGHT FIXTURE AS NEEDED.

GATE 7A & 7B DETECTOR LOOP DETAILS
N.T.S.

GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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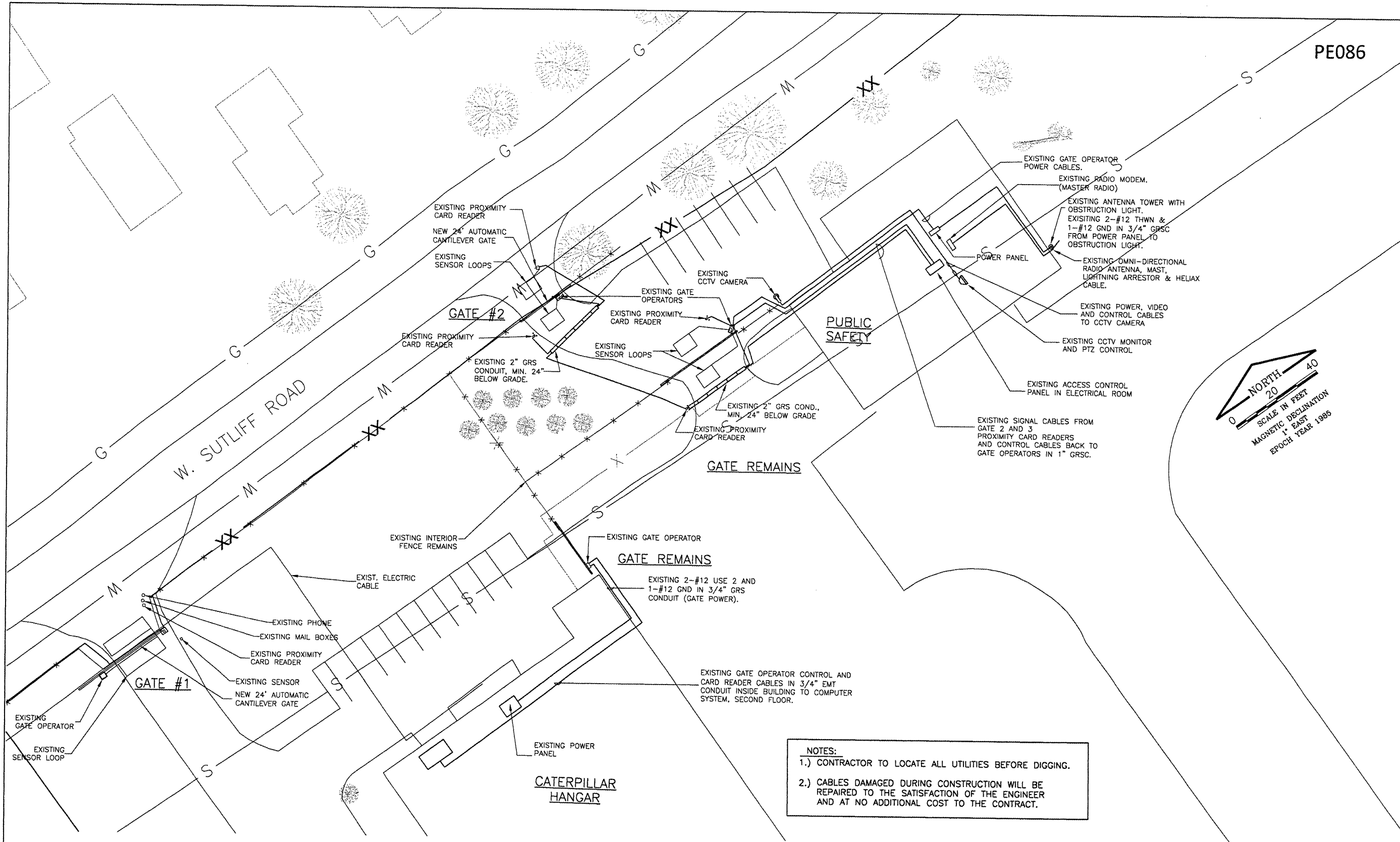
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GATE 7A & 7B
DETAILS 2

SHEET 56 OF 140 SHEETS

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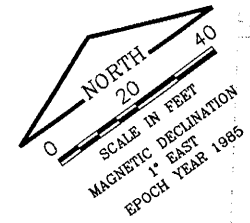
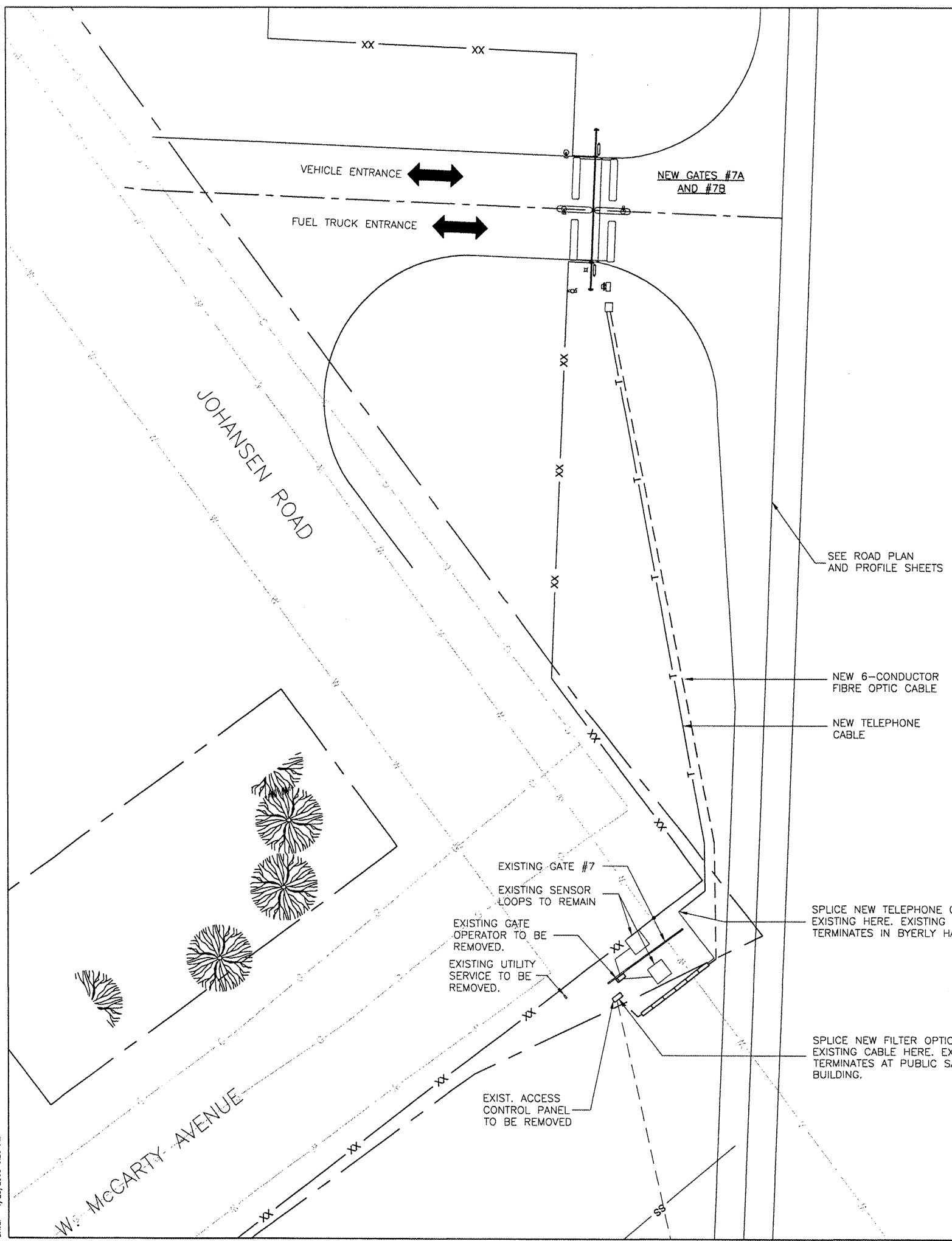
NOTES:
 1.) CONTRACTOR TO LOCATE ALL UTILITIES BEFORE DIGGING.
 2.) CABLES DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT.

NOTES:
 1. REPLACEMENT OF THE EXISTING GATES SHALL RESULT IN THE REUSE OF EXISTING CABLES, OPERATORS, SENSOR LOOPS, TRANSFORMERS, CARD READERS, AND OTHER AMENITIES THAT ALLOW THE EXISTING GATE TO FUNCTION.
 2. EXISTING GATE OPERATORS SHALL BE MODIFIED AT PROPOSED GATES #1 AND #2 LOCATIONS TO ACCOMMODATE THE LARGER GATES.

LEGEND

— x —	EXISTING FENCE
— XX —	NEW FENCE

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SEE ROAD PLAN AND PROFILE SHEETS

NEW GATE 7A AND 7B SUMMARY OF OPERATION

1. THE GATES SHALL HAVE AN AUTOMATIC GATE OPERATOR WITH TWO PROXIMITY CARD READERS AND REMOTE GATE OPEN CONTROL FROM ACCESS CONTROLLER IN AARF BLDG. ONCE THE GATE IS OPENED IT WILL REMAIN OPEN FOR THE TIME SPECIFIED BY THE OWNER AFTER THE LOOP PICKUPS DETERMINE THAT THERE ARE NO VEHICLES OVER THE PICKUP LOOPS.
2. ACTUATING THE GATE OPENERS VIA THE CARD READER REQUIRES THE VEHICLE TO APPROACH THE GATE ENTRANCE AND STOP. THE DRIVER ACTIVATES THE GATE OPERATOR BY SWEEPING HIS CARD. THE ACCESS CONTROL DEVICE TRANSMITS AN IMPULSE TO ACTIVATE THE GATE OPERATOR TO OPEN THE GATE. AFTER THE GATE IS FULLY OPENED AND STOPPED, THE VEHICLE PROCEEDS THROUGH THE OPENING, PASSING OVER THE LOOPS. WHILE THE VEHICLE IS IN THE LOOP SENSING RANGE, AN IMPULSE IS TRANSMITTED TO THE GATE OPERATOR TO HOLD THE GATE IN THE OPEN POSITION. WHEN THE LOOP HAS BEEN CLEARED, THE AUTOMATIC TIMER IS ACTIVATED AND, WHEN THE USER-DETERMINED TIME HAS ELAPSED, IT WILL ACTIVATE THE GATE OPERATOR TO CLOSE THE GATE.
3. THE DRIVER MAY ALSO USE THE INTERCOM TO CONTACT THE BYERLY HANGAR TO OPEN THE GATE.

NOTES:

1. THE CONTRACTOR IS TO LOCATE ALL UTILITIES BEFORE DIGGING.
2. CABLES DAMAGED DURING CONSTRUCTION WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL COST TO THE CONTRACT.

LEGEND

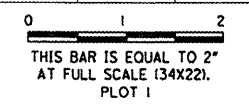
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- xx — NEW FENCE

EXISTING GATE #7 REMOVAL NOTES

- EXISTING GATE #7 REMOVALS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
- UTILITY SERVICE.
 - CANTILEVER GATE OPERATOR. CONTRACTOR SHALL TURN OVER TO THE OWNER.
 - ACCESS CONTROLLER. CONTRACTOR SHALL TURN OVER TO THE OWNER.
 - CANTILEVER SLIDE GATE. CONTRACTOR SHALL TURN OVER TO THE OWNER.
 - CARD READERS AND INTERCOM. CONTRACTOR SHALL TURN OVER TO THE OWNER.
 - ALL ABOVE-GRADE SUPPORT POSTS, CONDUIT, CONCRETE FOOTINGS, BOLLARDS, ETC.

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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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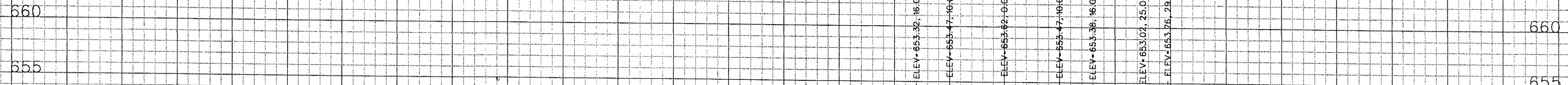
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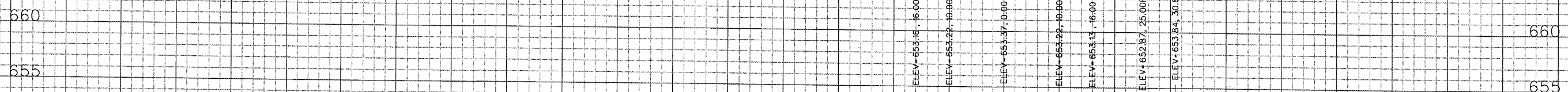
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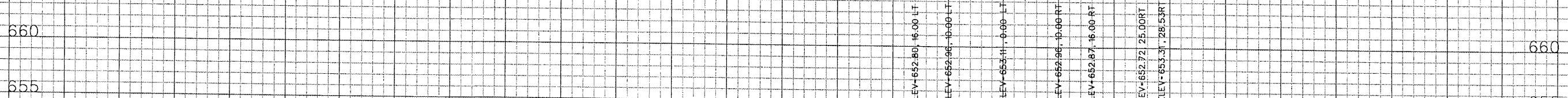
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 1 OF 80
SHEET 59 OF 140 SHEETS



101+00.00
CUT=67 SF FILL=32 SF



100+50.00
CUT=74 SF FILL=32 SF



100+00.00
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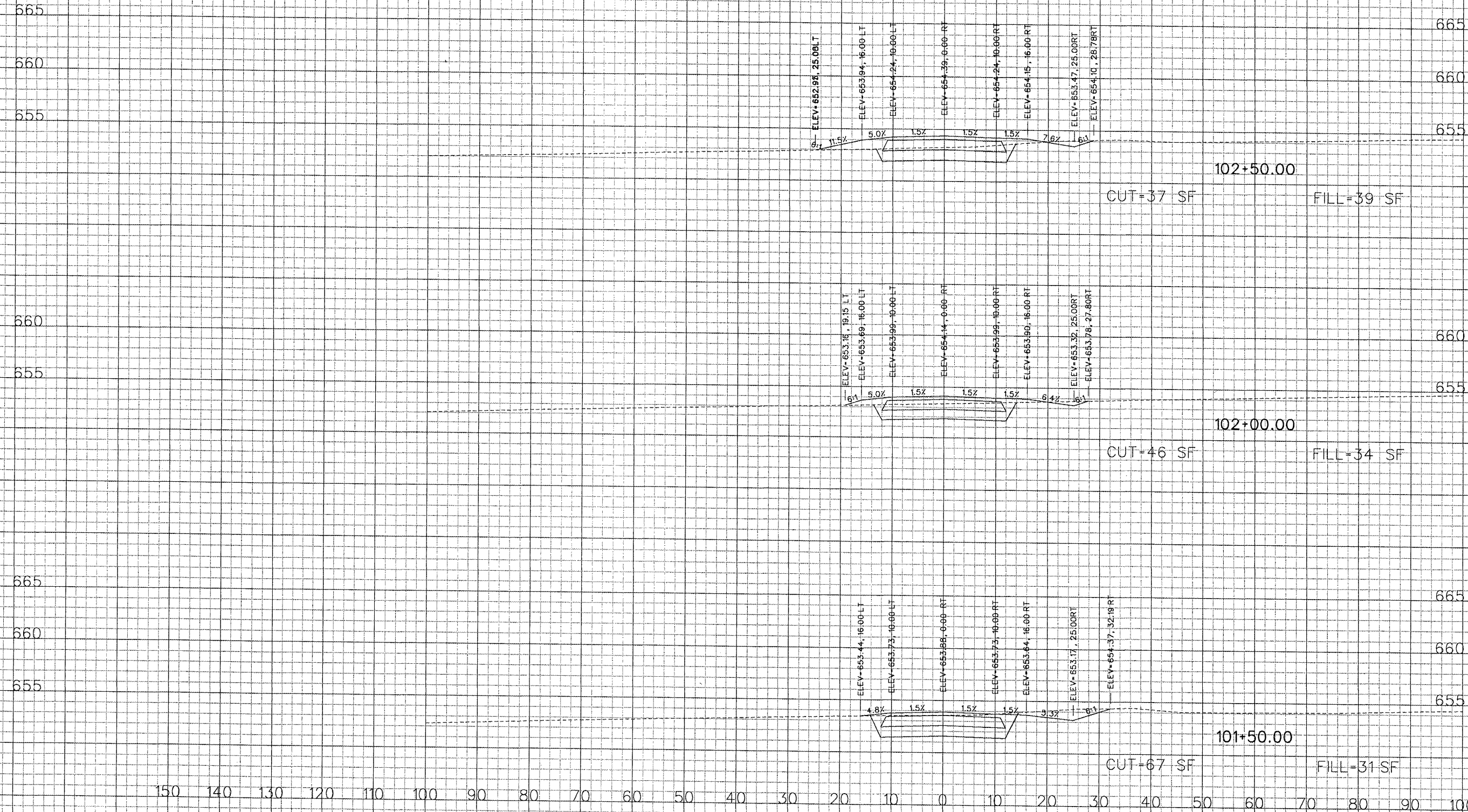
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 THIS BAR IS EQUAL TO 2"
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 PLOT 1



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CONSTRUCT NEW PERIMETER ROAD AND
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FILE: ... \Draw\Sheets\XX_xsec.dgn

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CHECKED BY: RBL

APPROVED BY: CET

DATE: APRIL 24, 2008

JOB No: 0706104

PERIMETER ROAD
 CROSS SECTIONS
 SHEET 2 OF 80

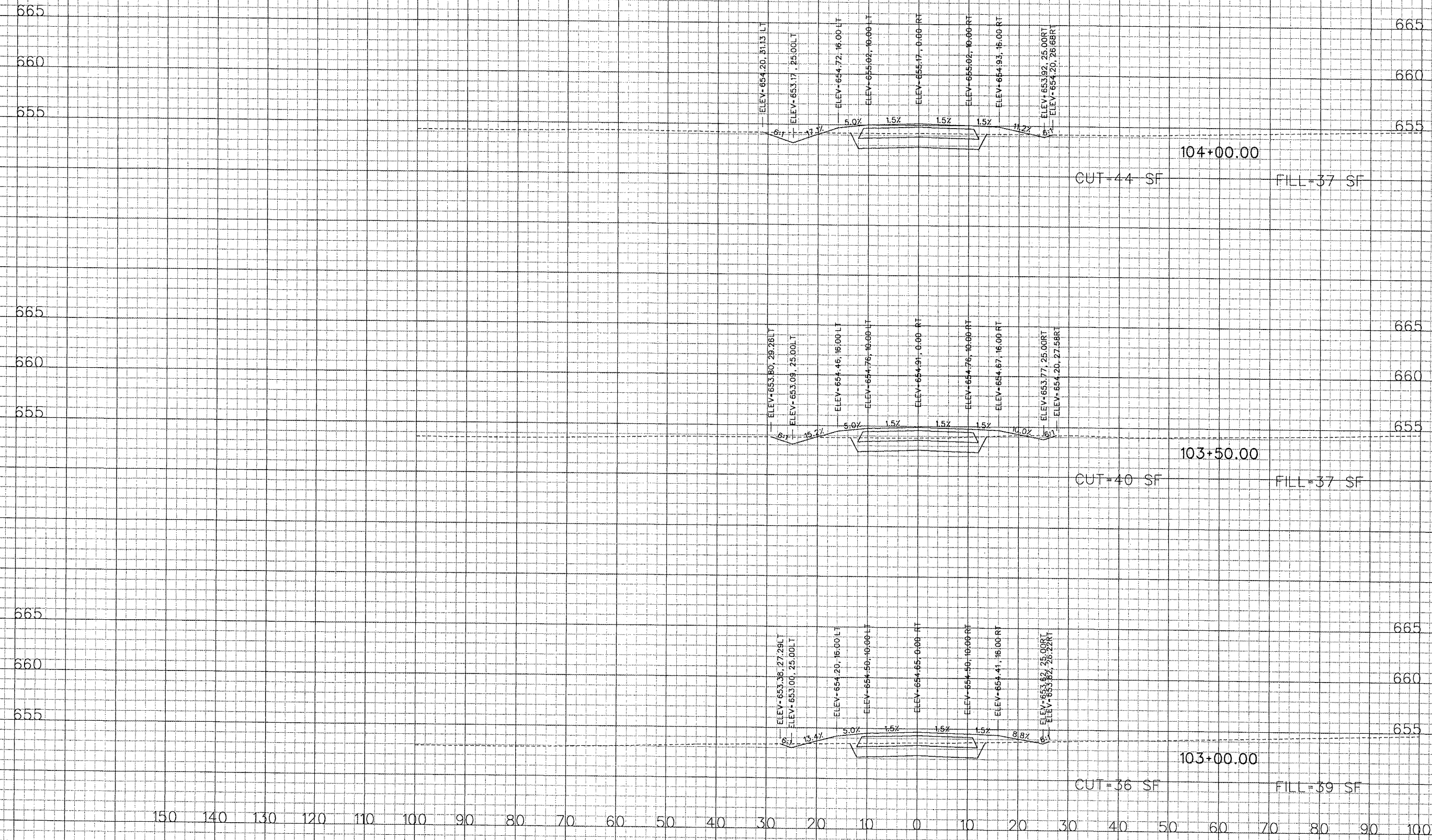
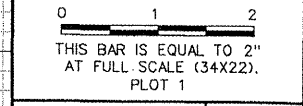
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 3 OF 80
SHEET 61 OF 140 SHEETS

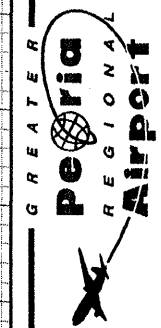
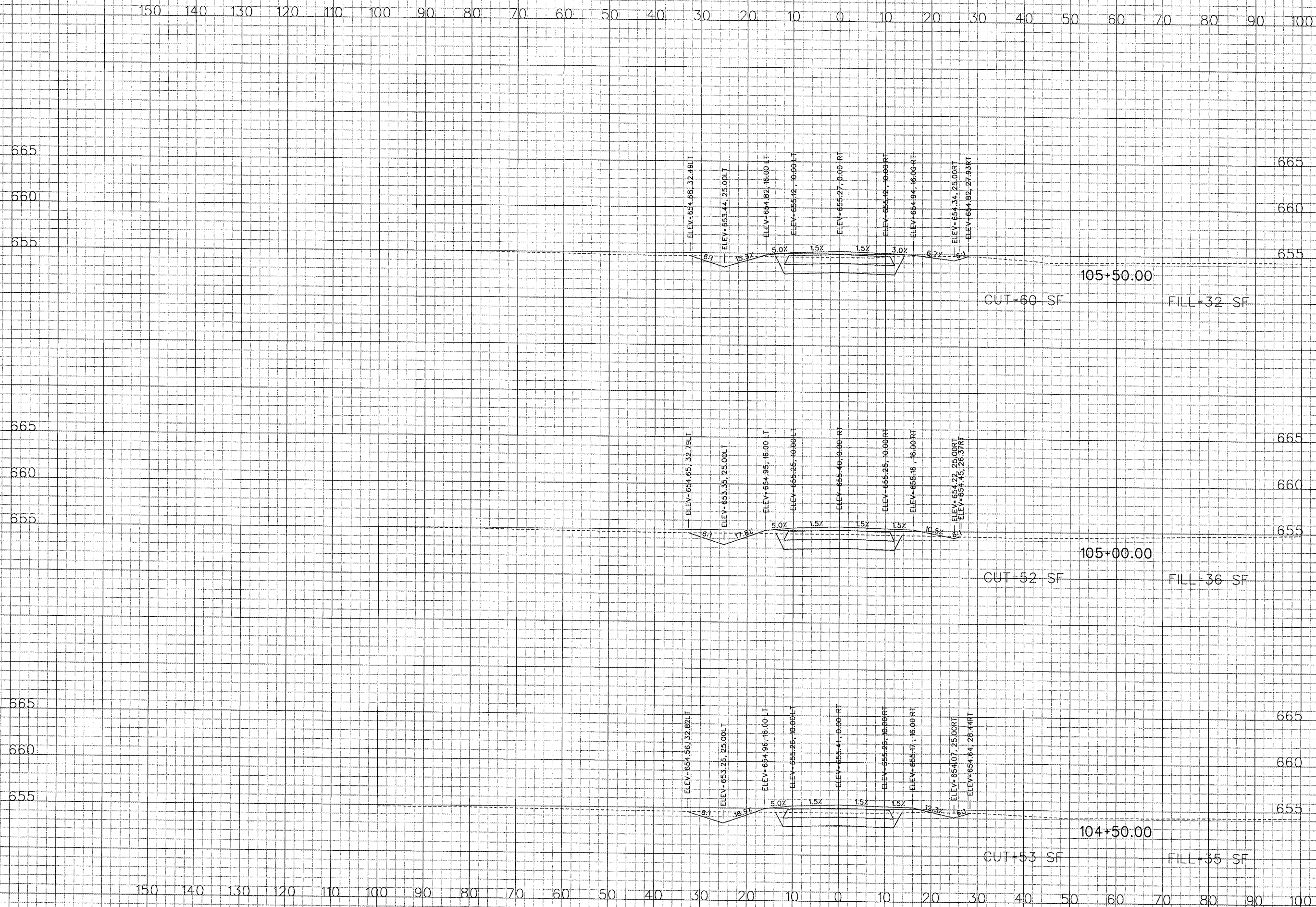
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CONSTRUCT NEW PERIMETER ROAD AND
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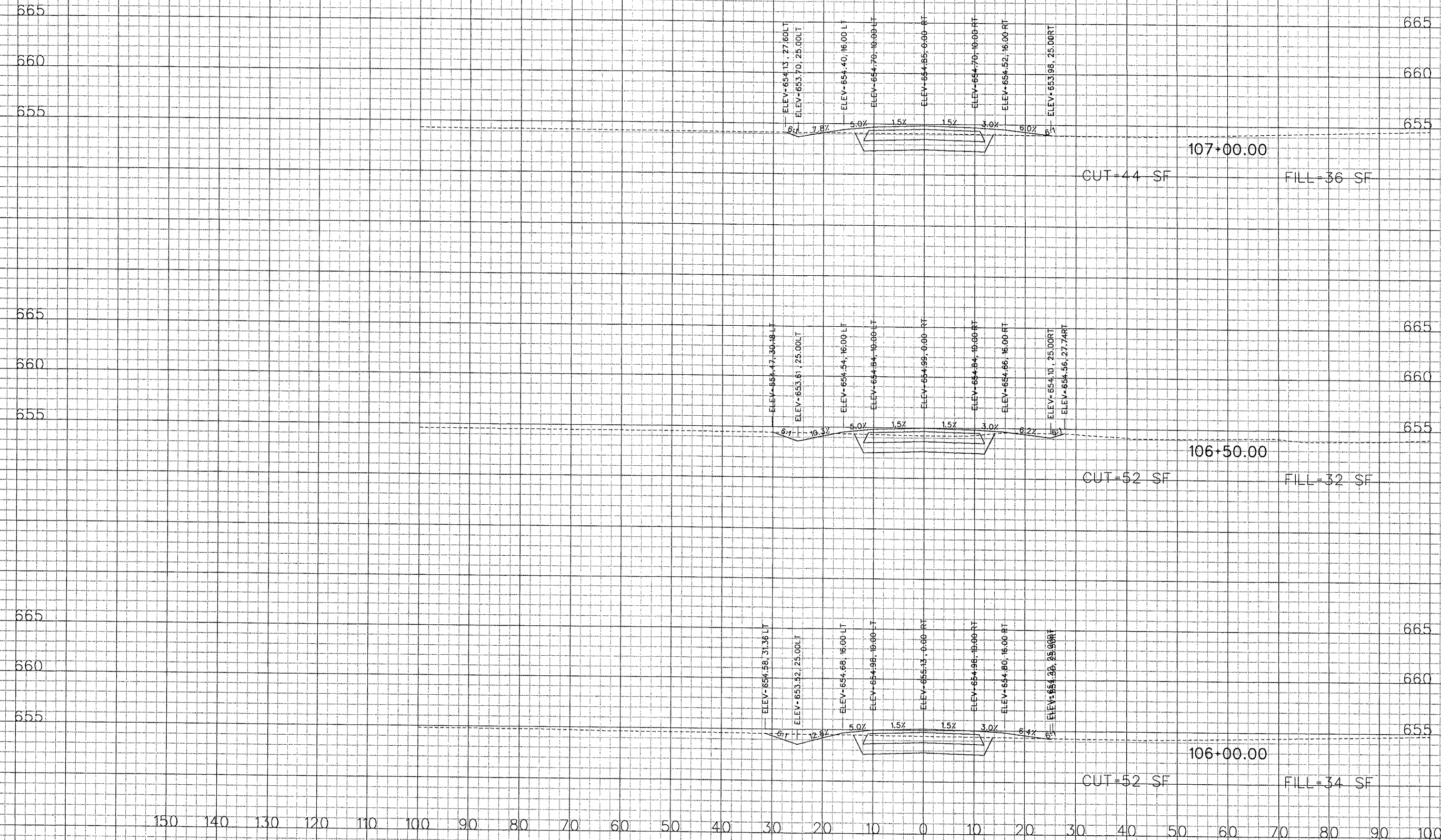
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JOB No: 0706104

PERIMETER ROAD
CROSS SECTIONS
SHEET 4 OF 80
SHEET 62 OF 140 SHEETS

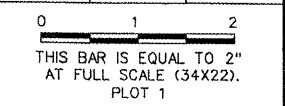
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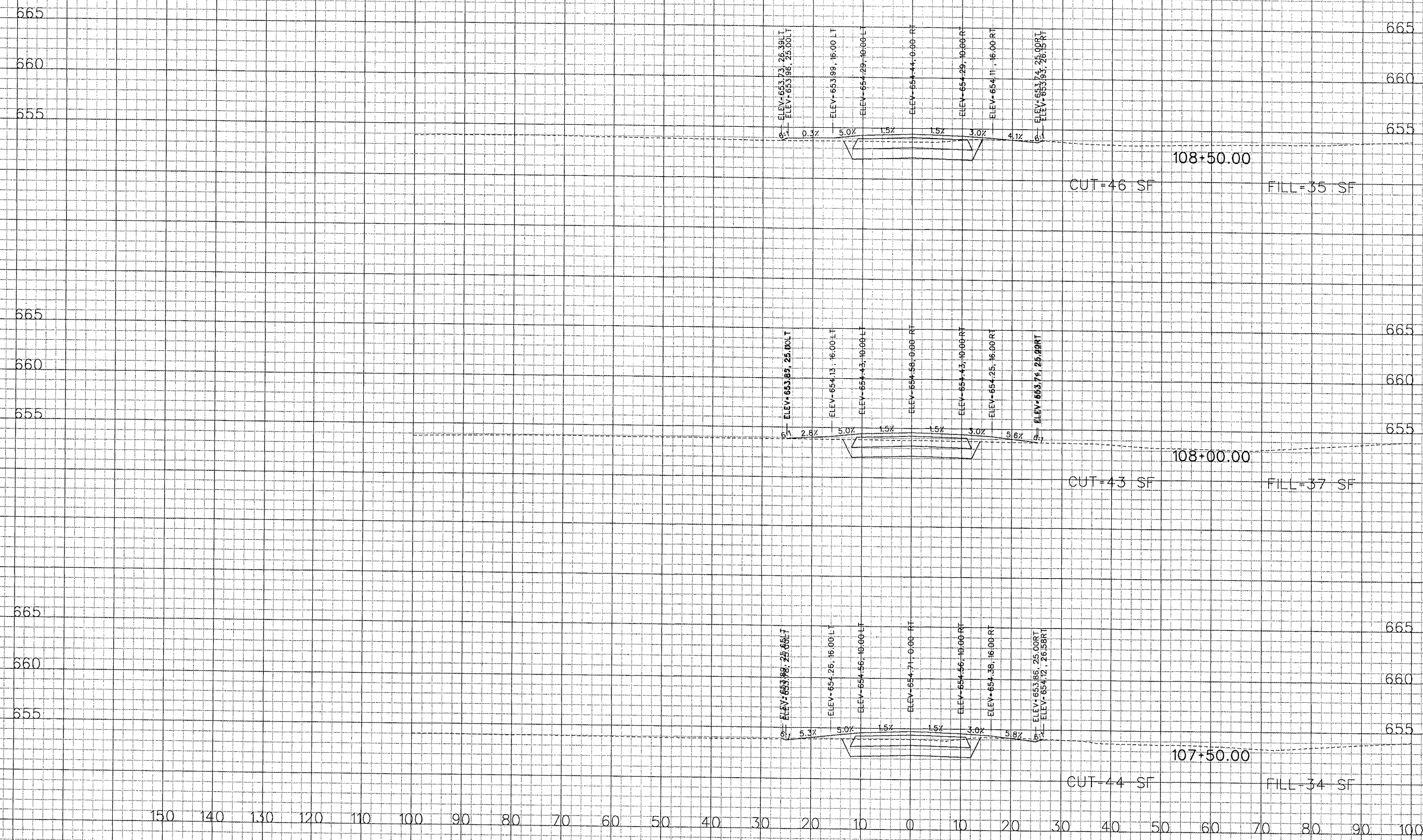
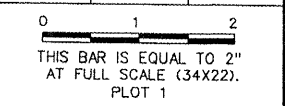
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 5 OF 80
SHEET 63 OF 140 SHEETS

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SHEET 64 OF 140 SHEETS

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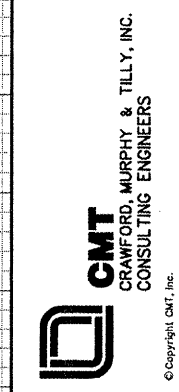
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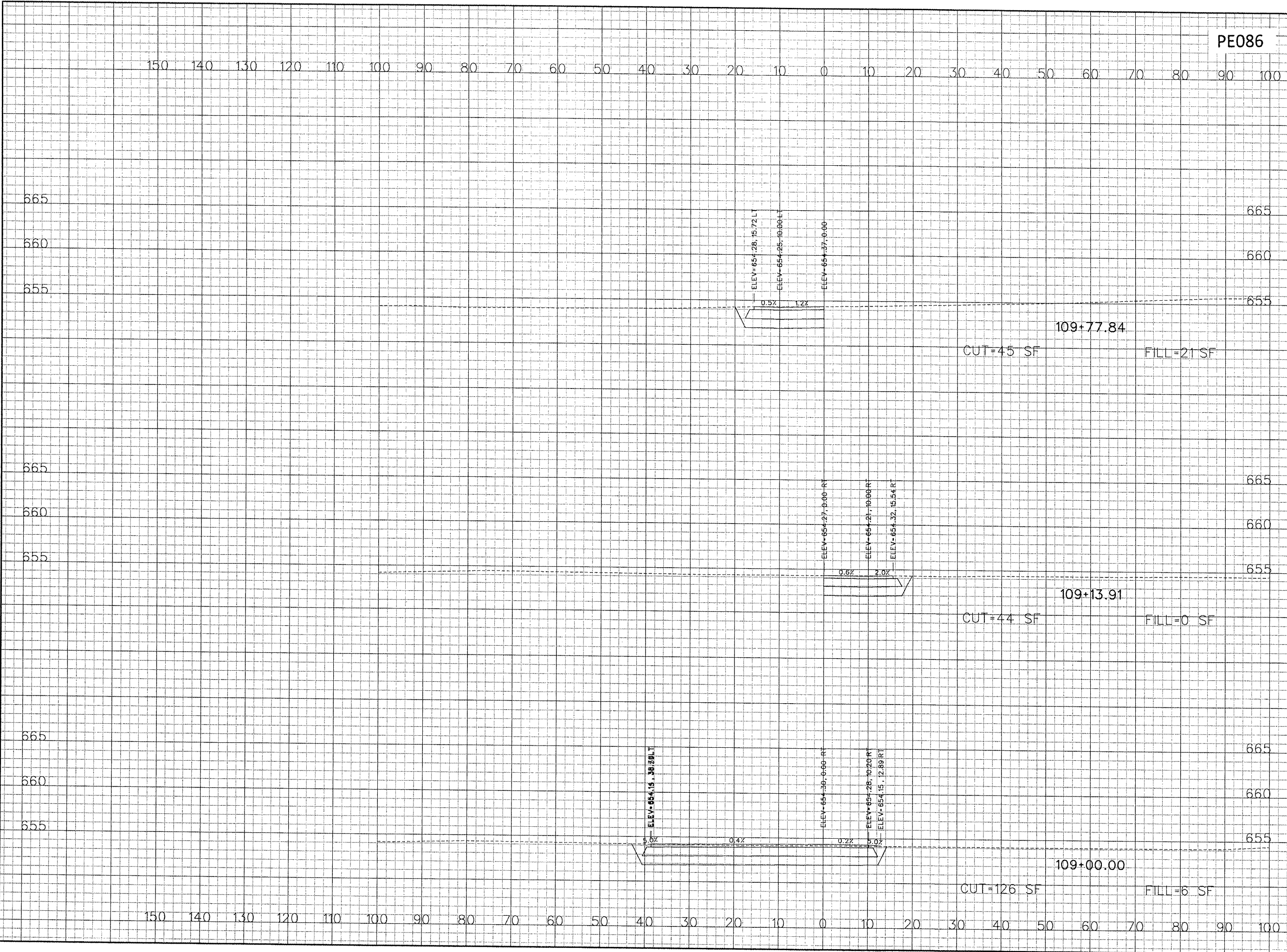
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 PERIMETER FENCE - PROJECT 1



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PERIMETER ROAD
 CROSS SECTIONS
 SHEET 7 OF 80
 SHEET 65 OF 140 SHEETS

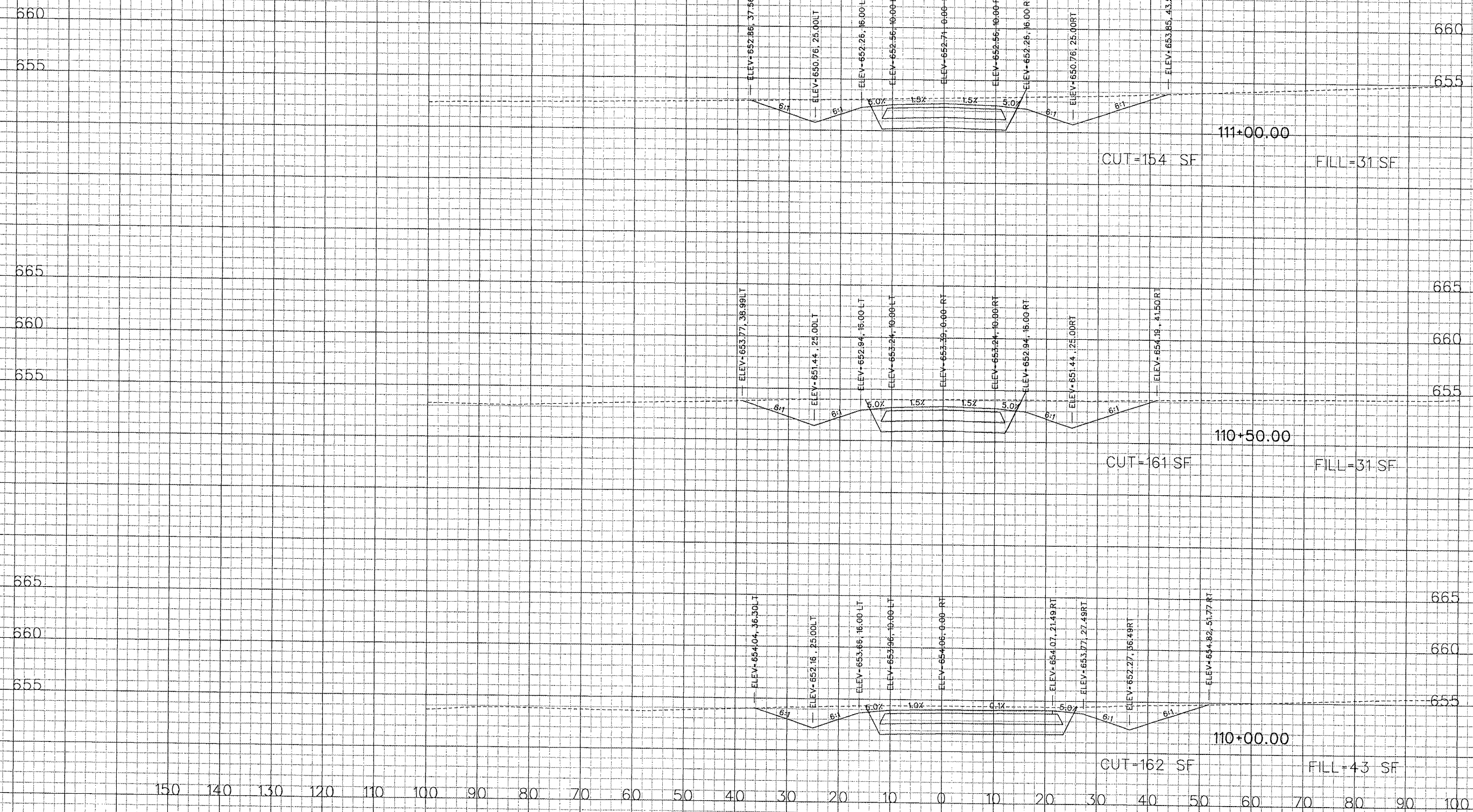
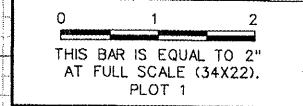



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PERIMETER ROAD
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 SHEET 8 OF 80
 SHEET 66 OF 140 SHEETS

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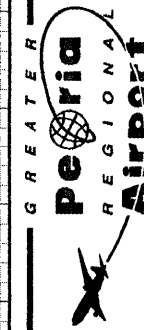
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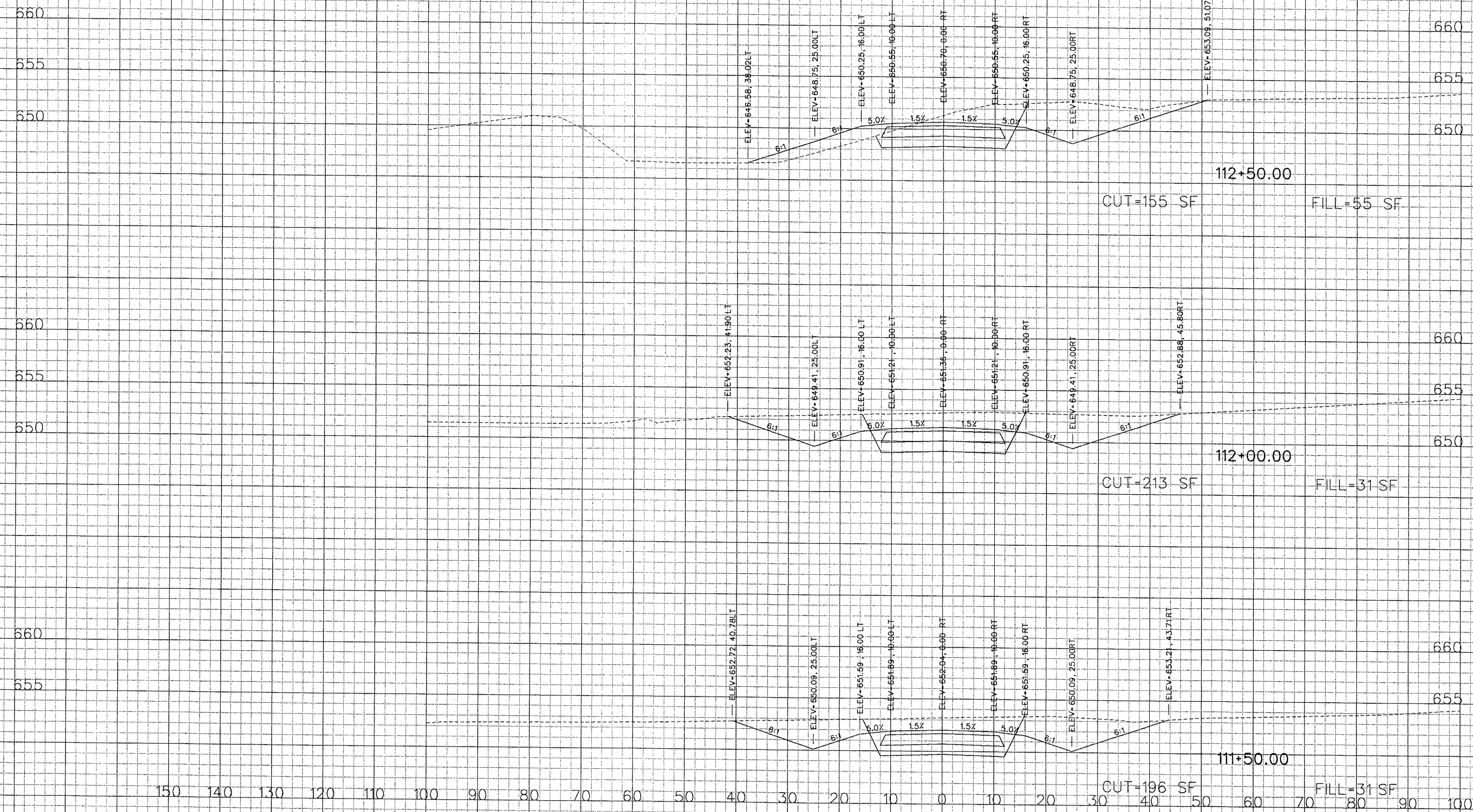
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PERIMETER ROAD
CROSS SECTIONS
SHEET 9 OF 80

SHEET 67 OF 140 SHEETS

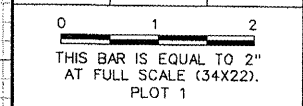


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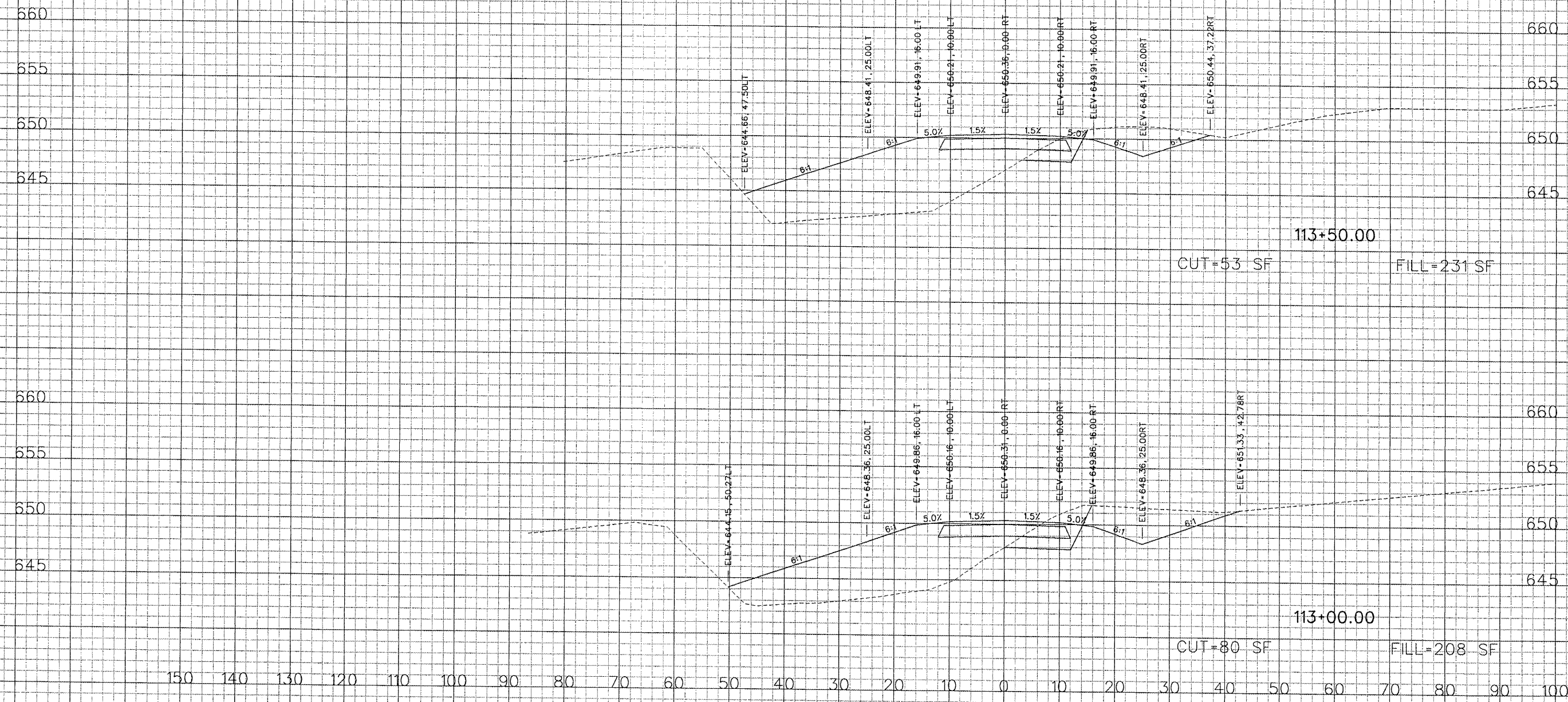


Greater Peoria Regional Airport

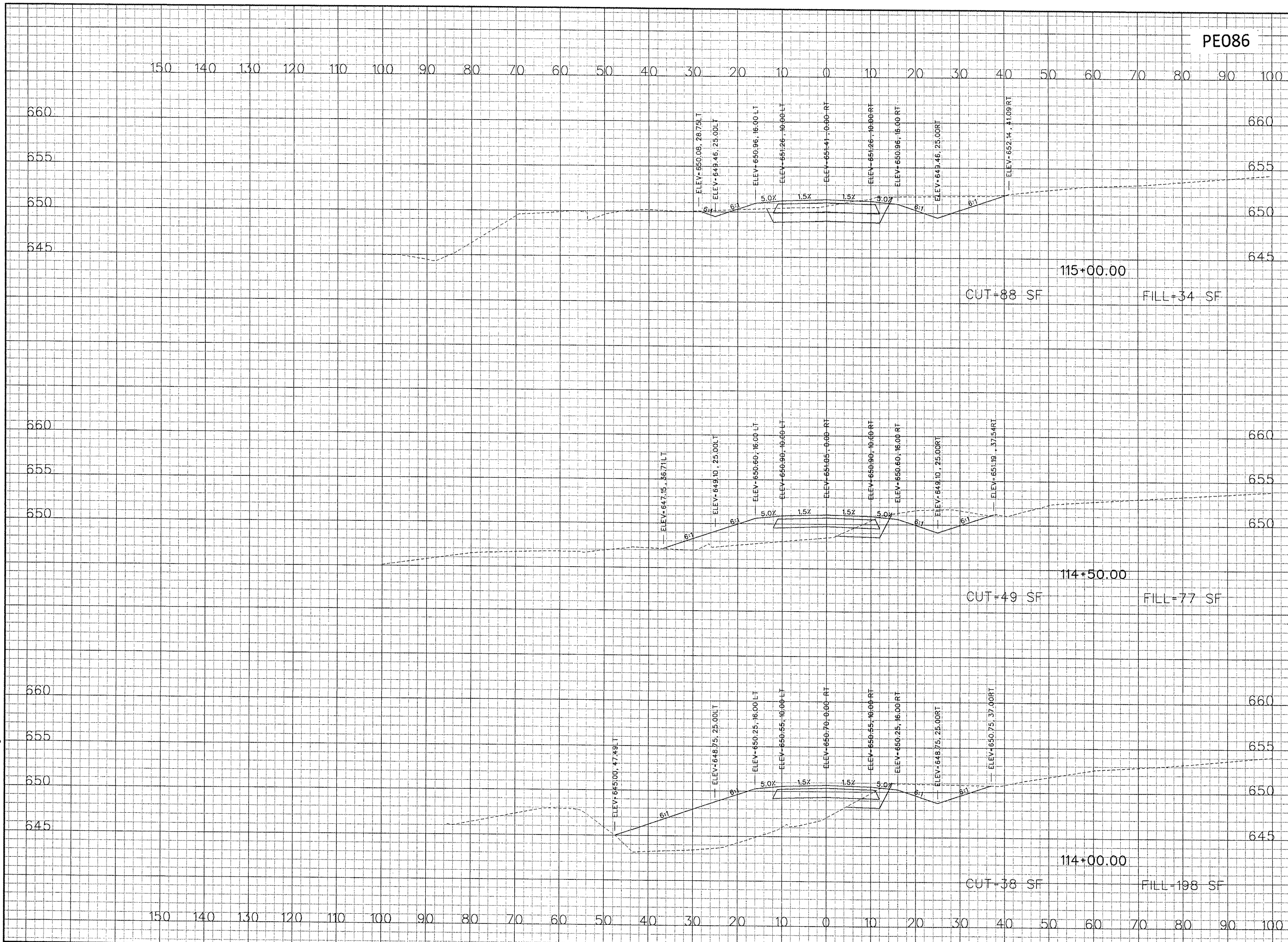
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 10 OF 80
SHEET 68 OF 140 SHEETS

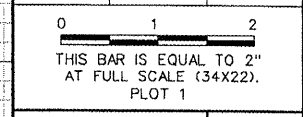


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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 11 OF 80
SHEET 69 OF 140 SHEETS

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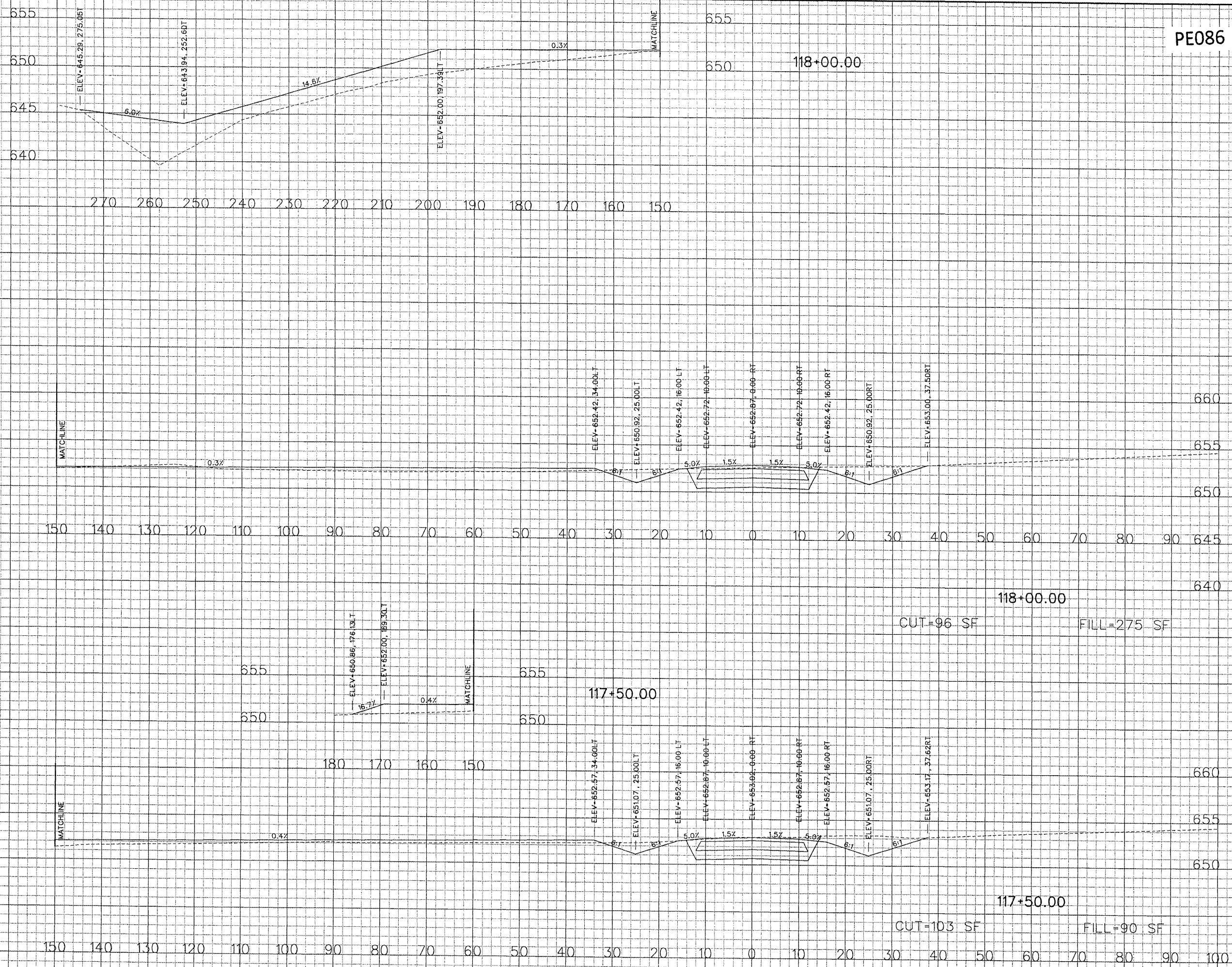
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PERIMETER ROAD
CROSS SECTIONS
SHEET 12 OF 80

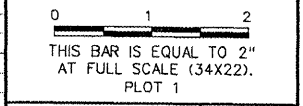
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NUMBER	BY	DATE



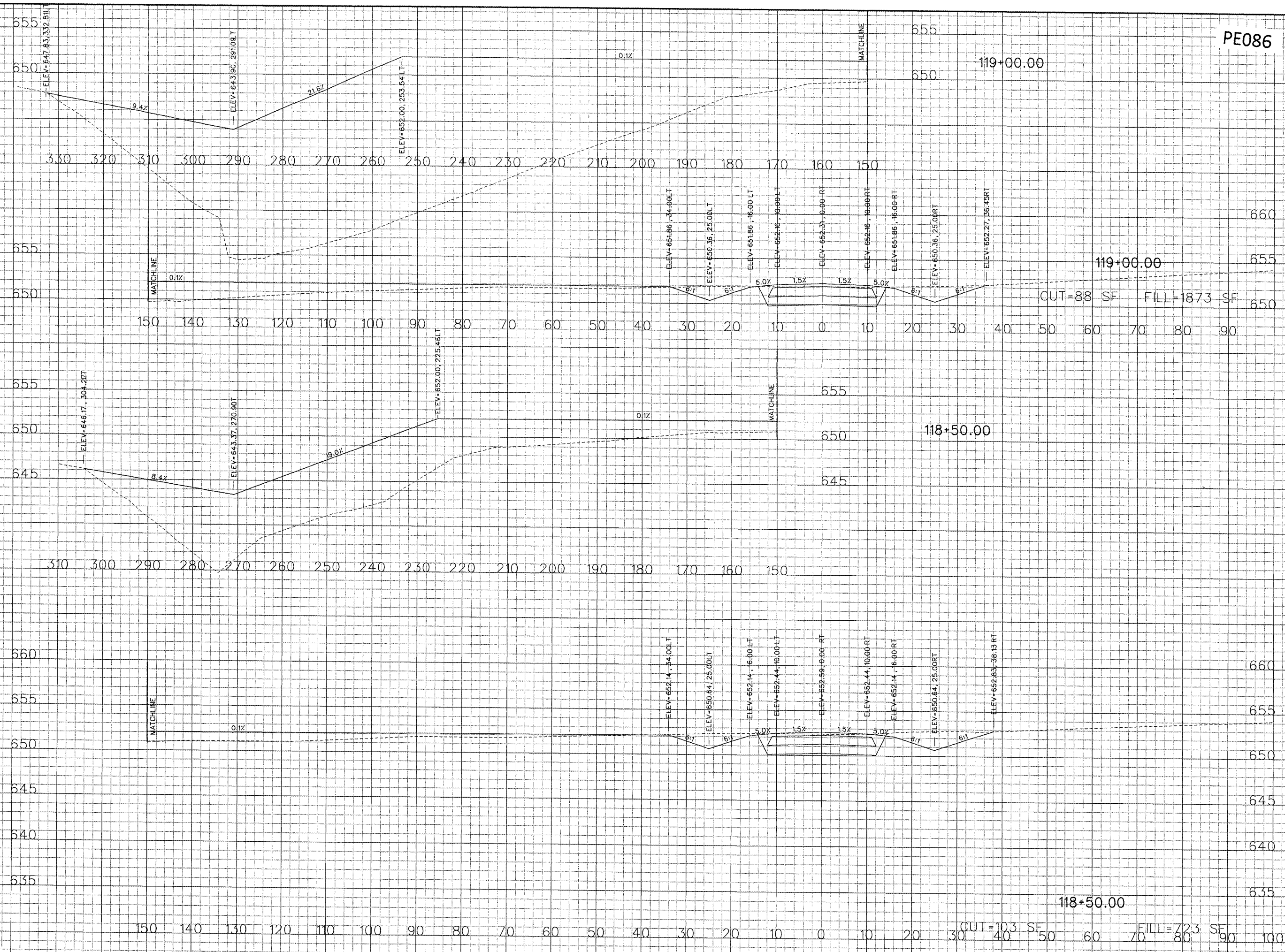
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 13 OF 80
SHEET 71 OF 140 SHEETS

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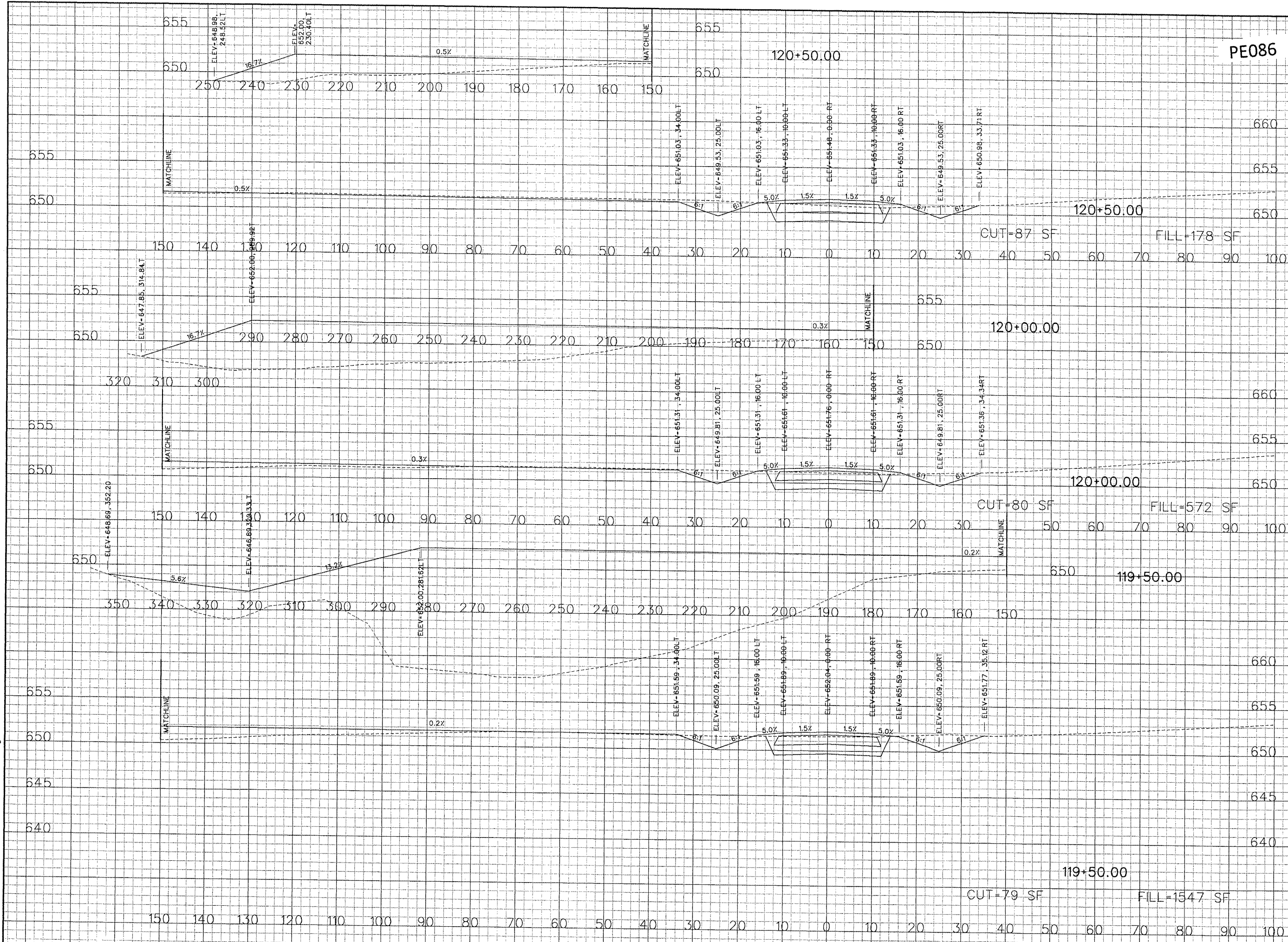
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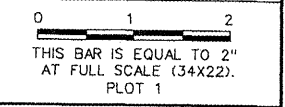
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PERIMETER ROAD CROSS SECTIONS SHEET 14 OF 80
SHEET 72 OF 140 SHEETS

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SHEET 73 OF 140 SHEETS

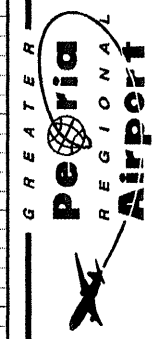
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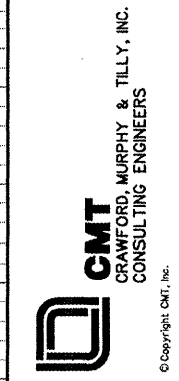
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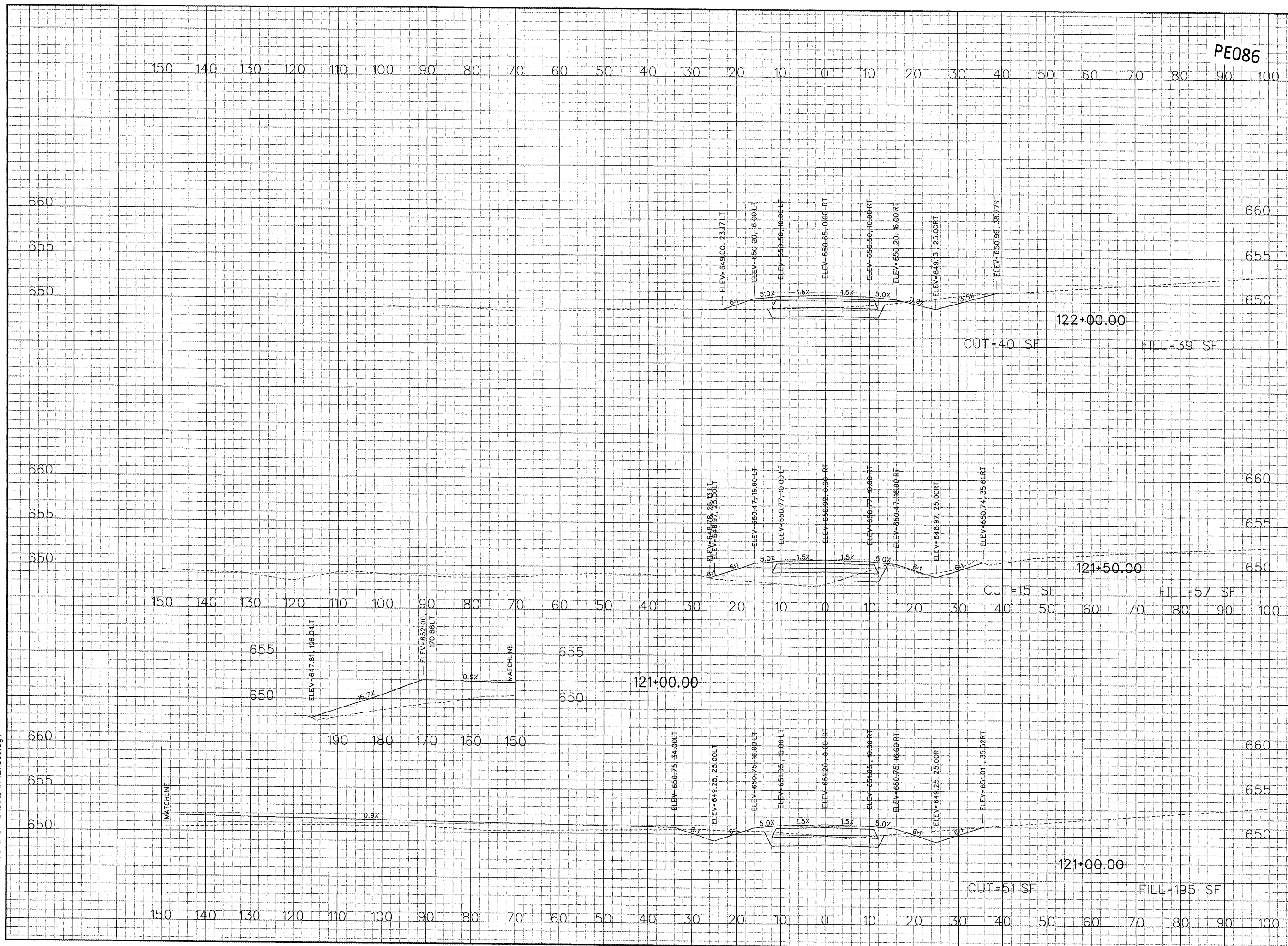
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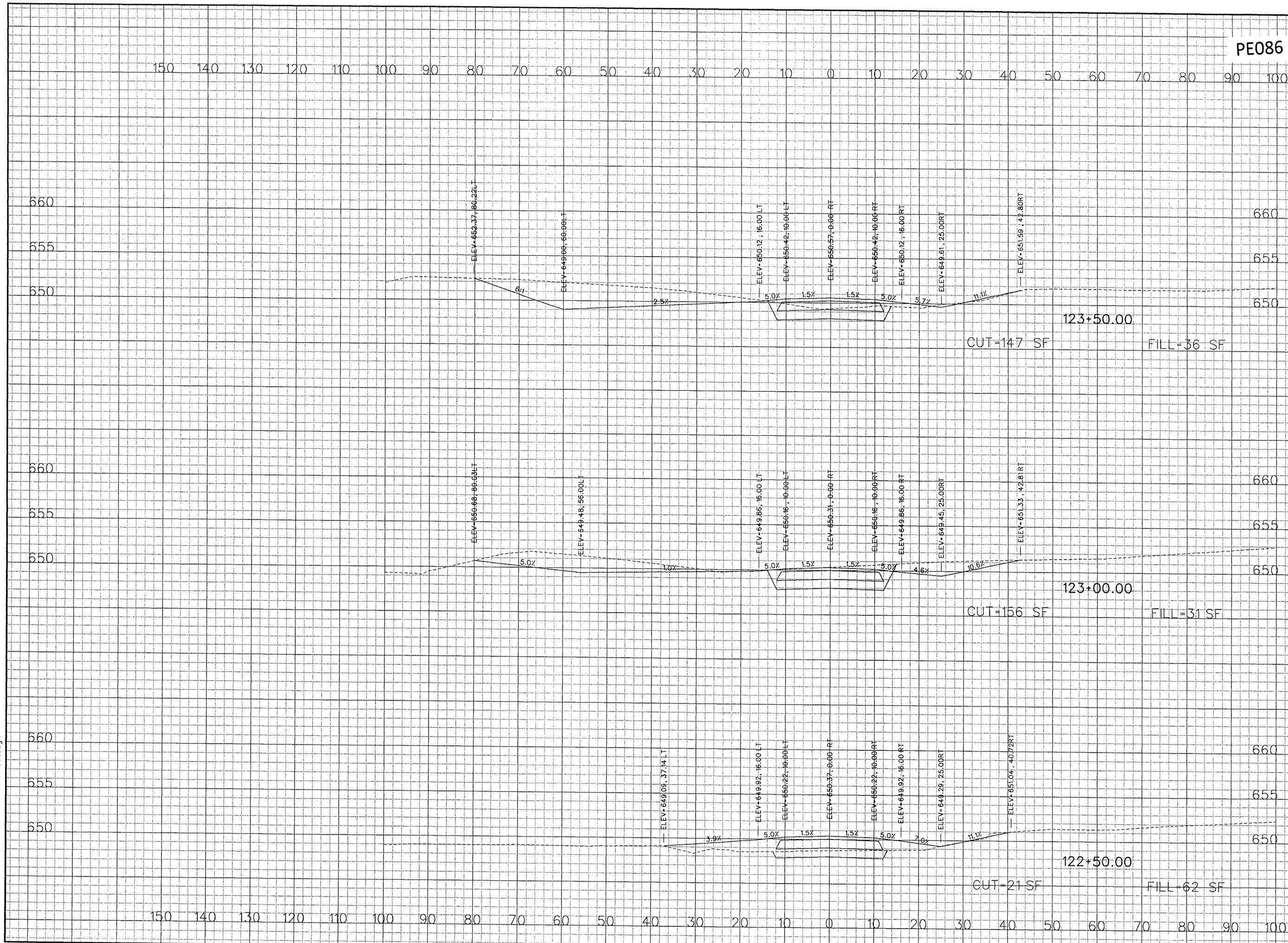
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PERIMETER ROAD
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SHEET 16 OF 80
SHEET 74 OF 140 SHEETS



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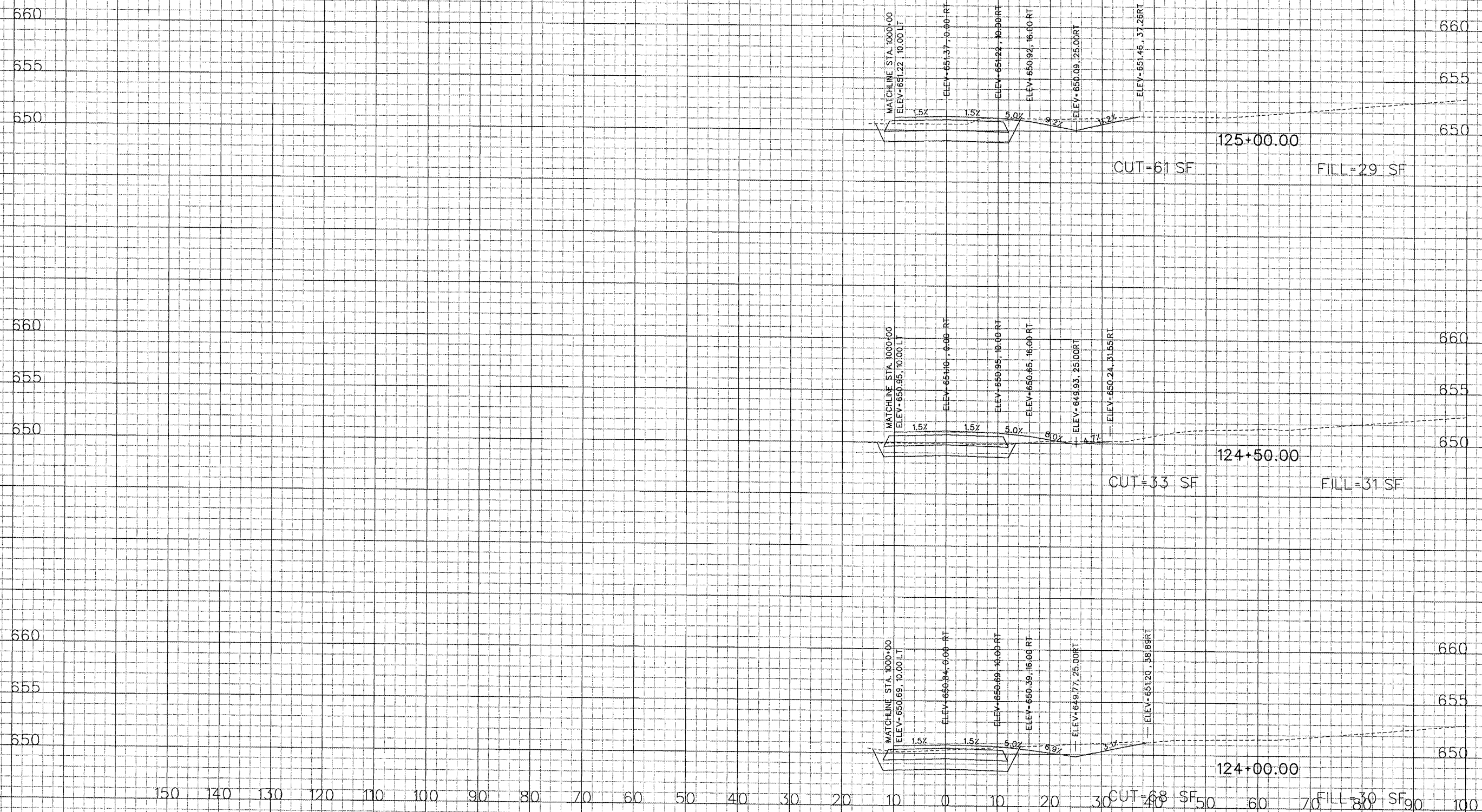
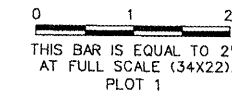
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PERIMETER ROAD CROSS SECTIONS SHEET 17 OF 80
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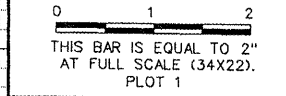
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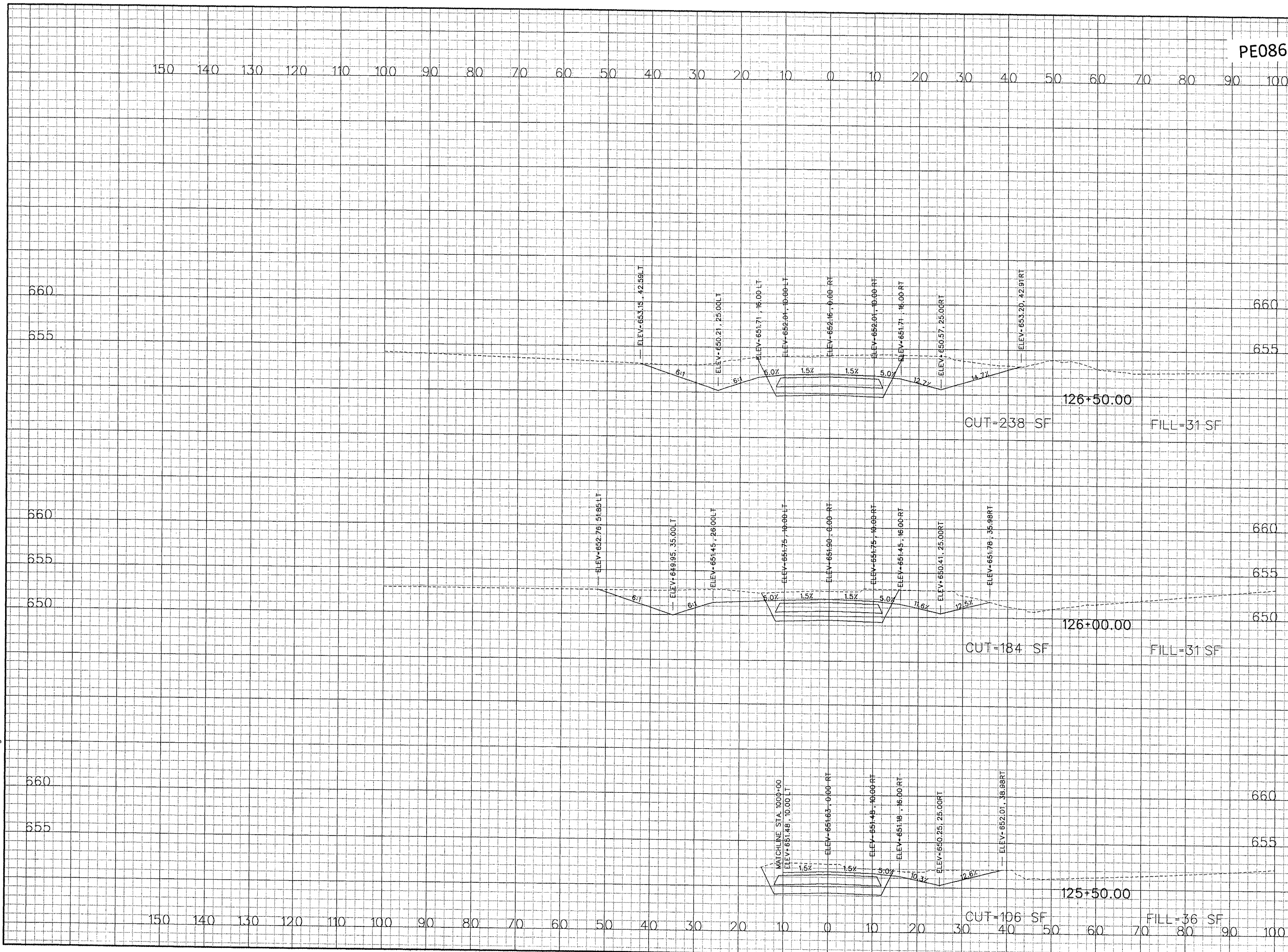
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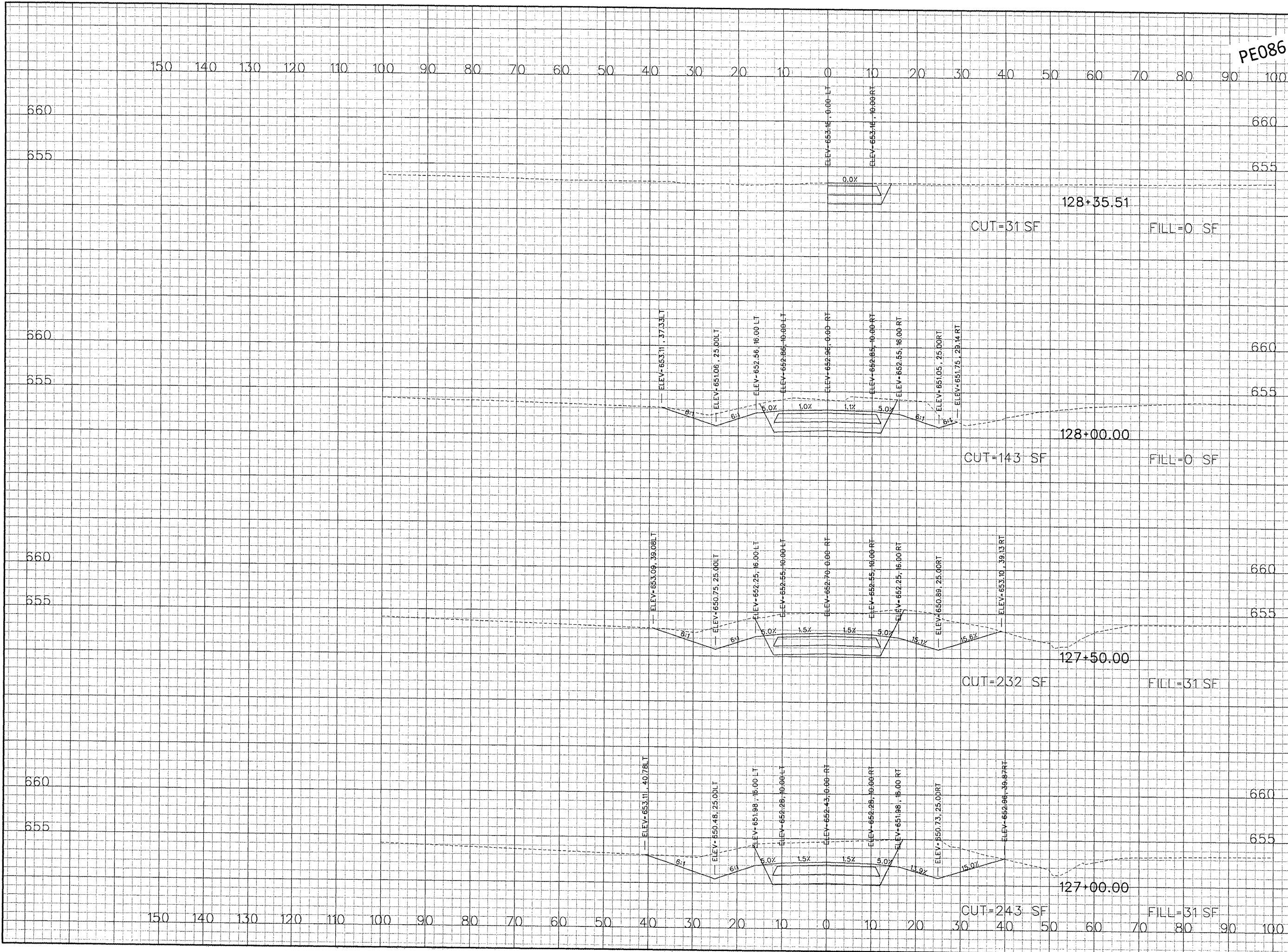

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SHEET 77 OF 140 SHEETS

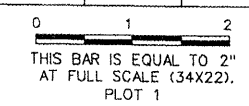



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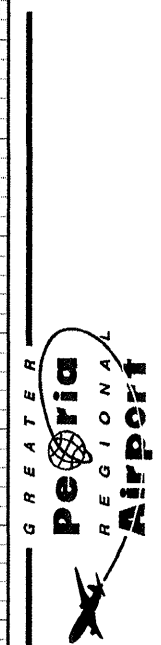
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SHEET 78 OF 140 SHEETS

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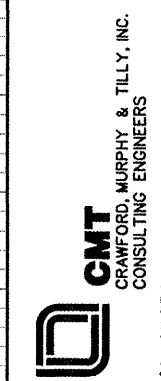
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 PLOT 1

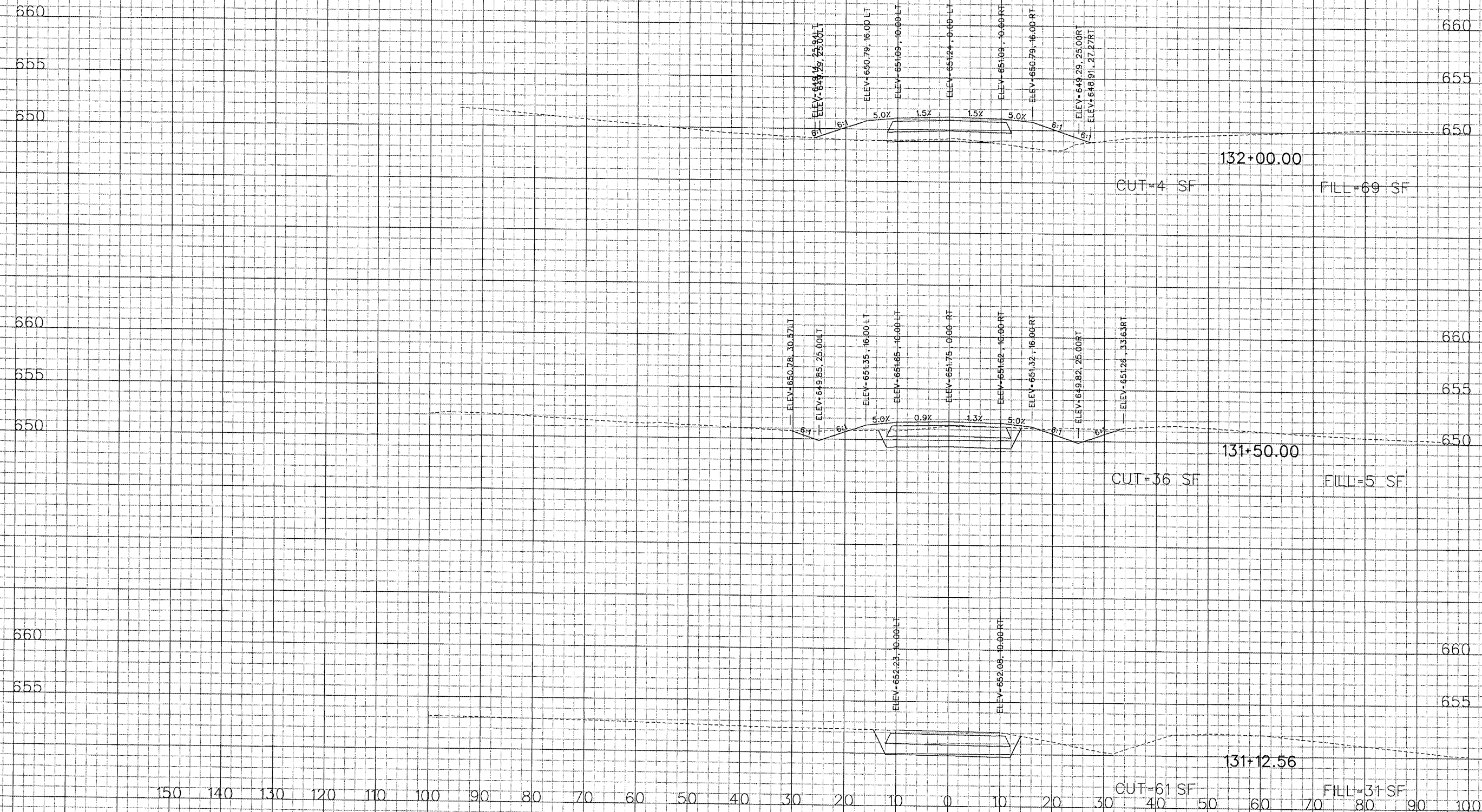


CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



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DRAWN BY: RBL
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 21 OF 80
SHEET 79 OF 140 SHEETS

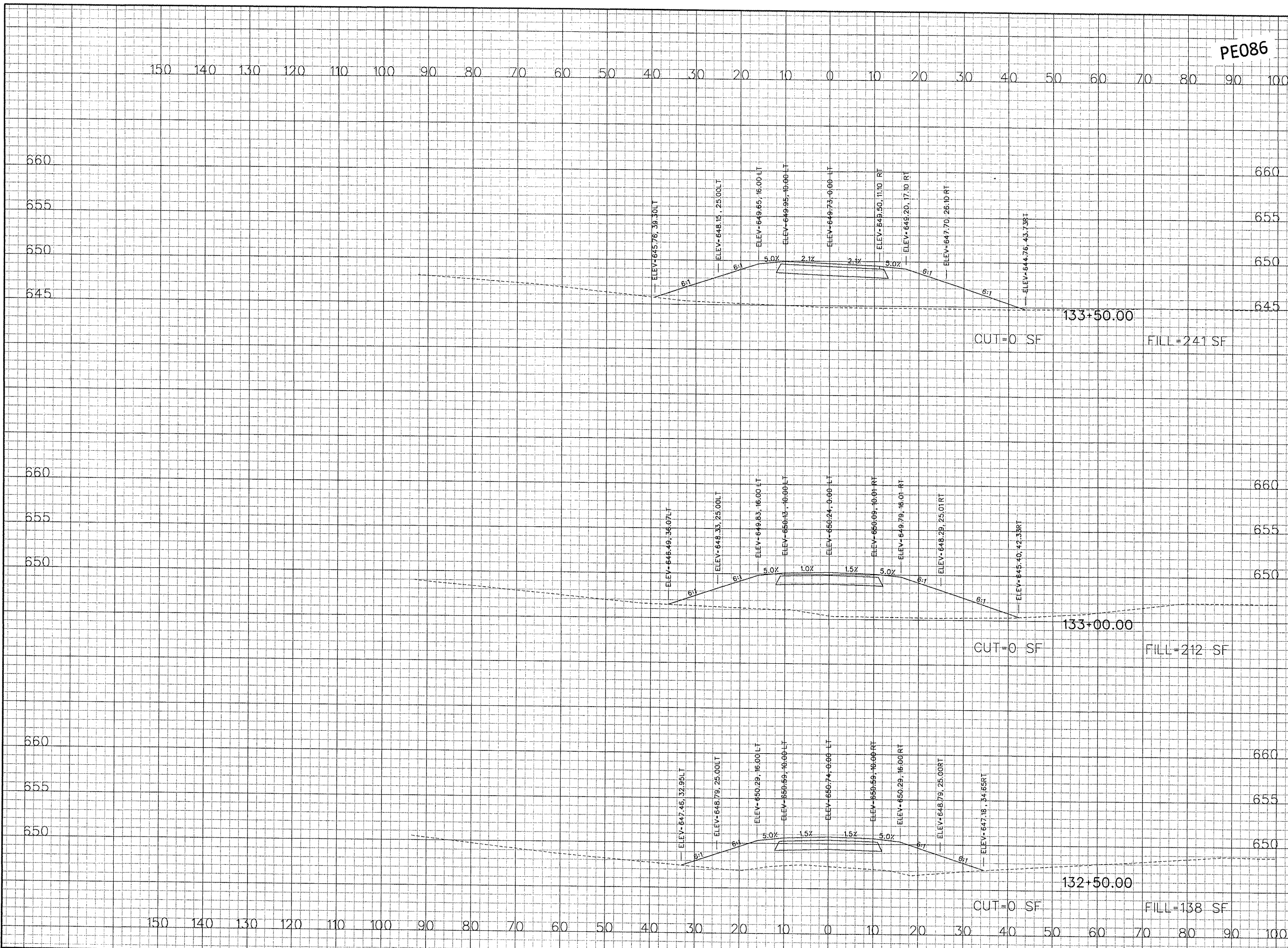
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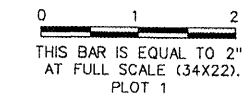
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CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1

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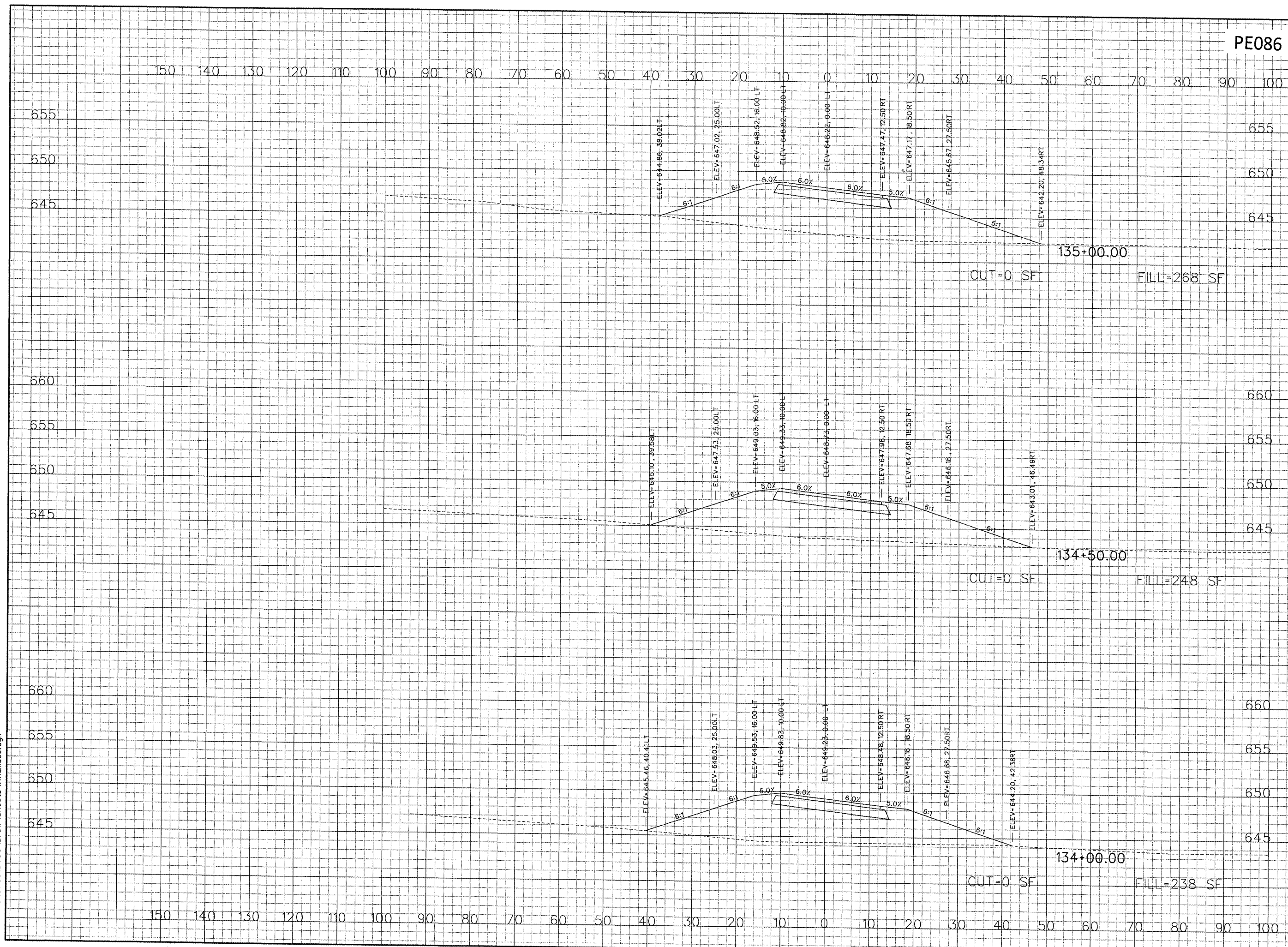
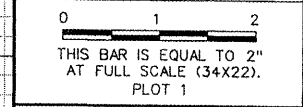
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DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 22 OF 80
SHEET 80 OF 140 SHEETS

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NUMBER	BY	DATE



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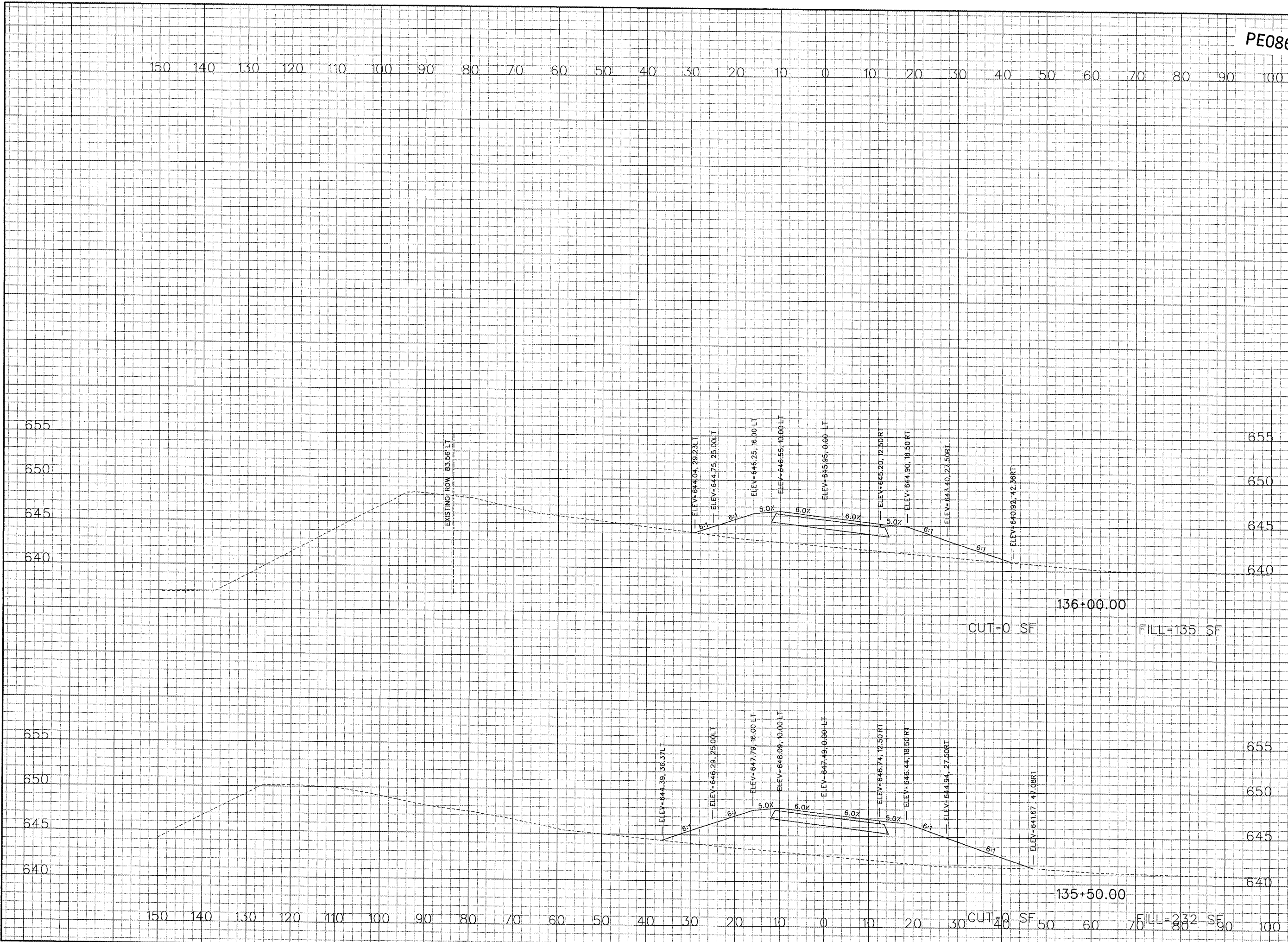
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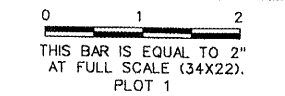
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 23 OF 80
SHEET 81 OF 140 SHEETS

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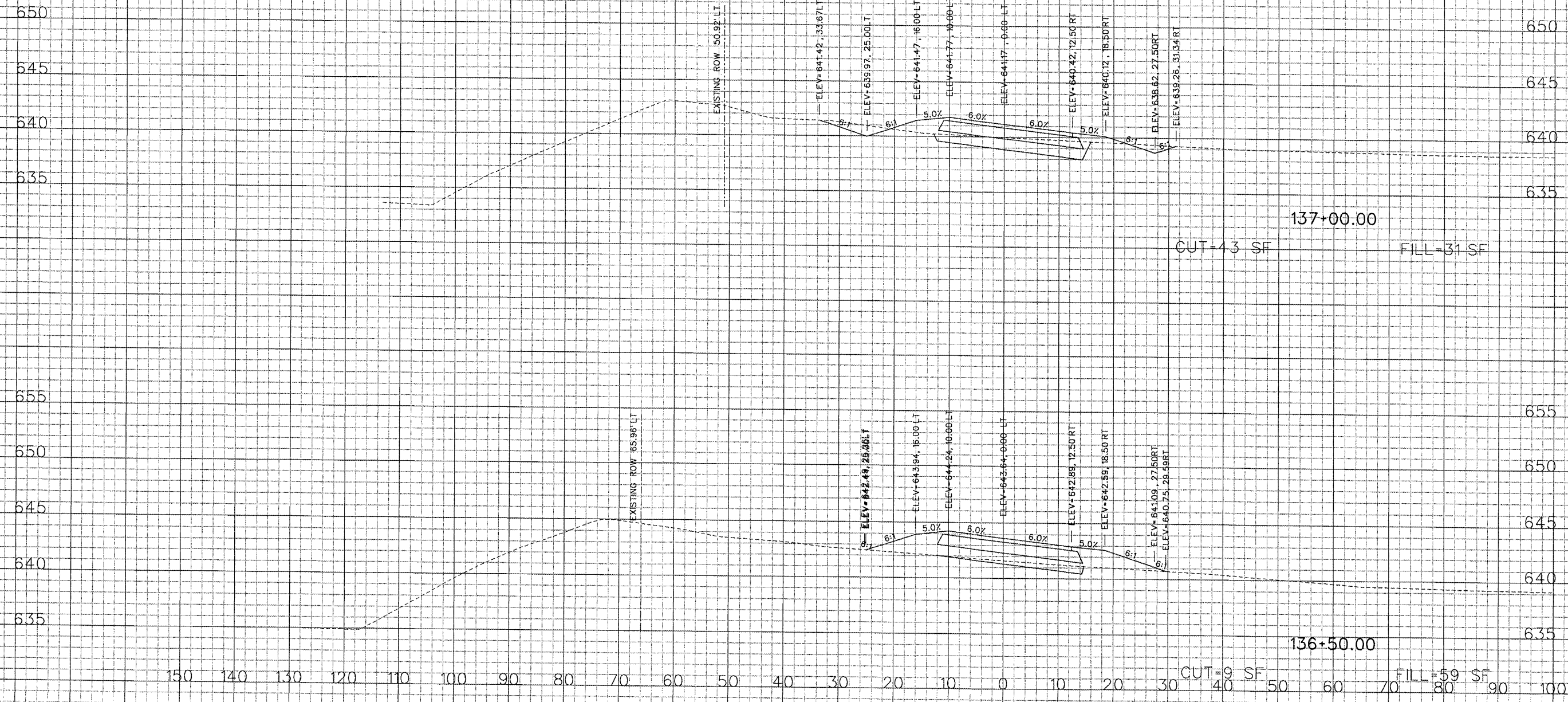
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 24 OF 80
SHEET 82 OF 140 SHEETS

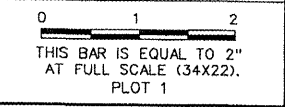
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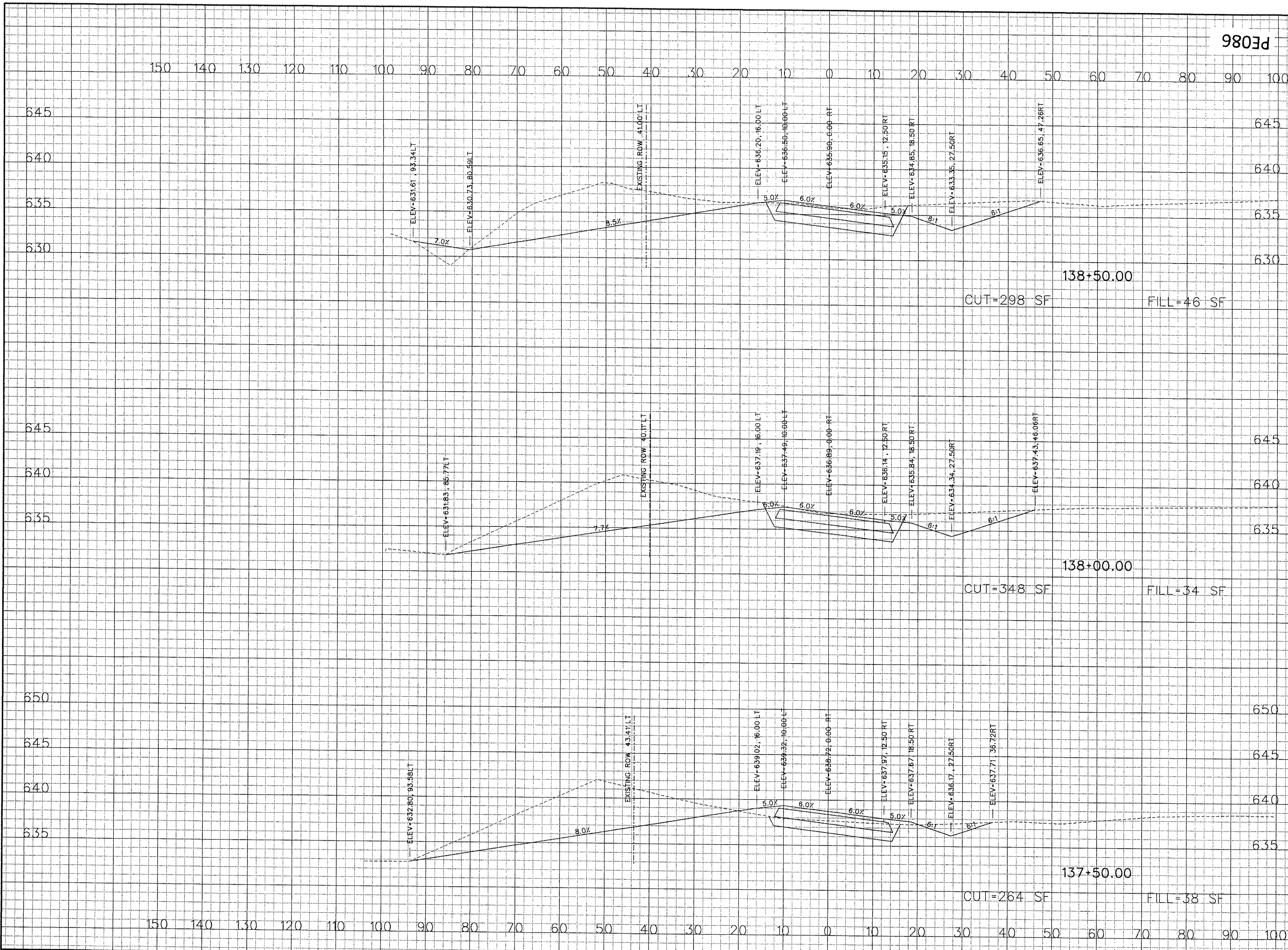
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 DATE: APRIL 24, 2008
 JOB No: 0706104

PERIMETER ROAD
 CROSS SECTIONS
 SHEET 25 OF 80

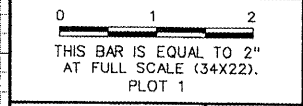
SHEET 83 OF 140 SHEETS

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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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IL PROJECT: PIA-3343 AP PROJ: 3-17-0080-XX
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 26 OF 80
SHEET 84 OF 140 SHEETS

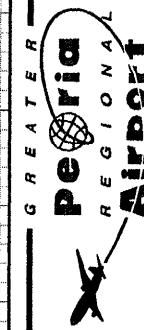
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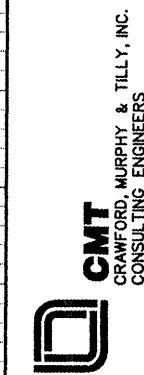
REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2'
AT FULL SCALE (34X22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
AIP PROJ: 3-17-0080-XX

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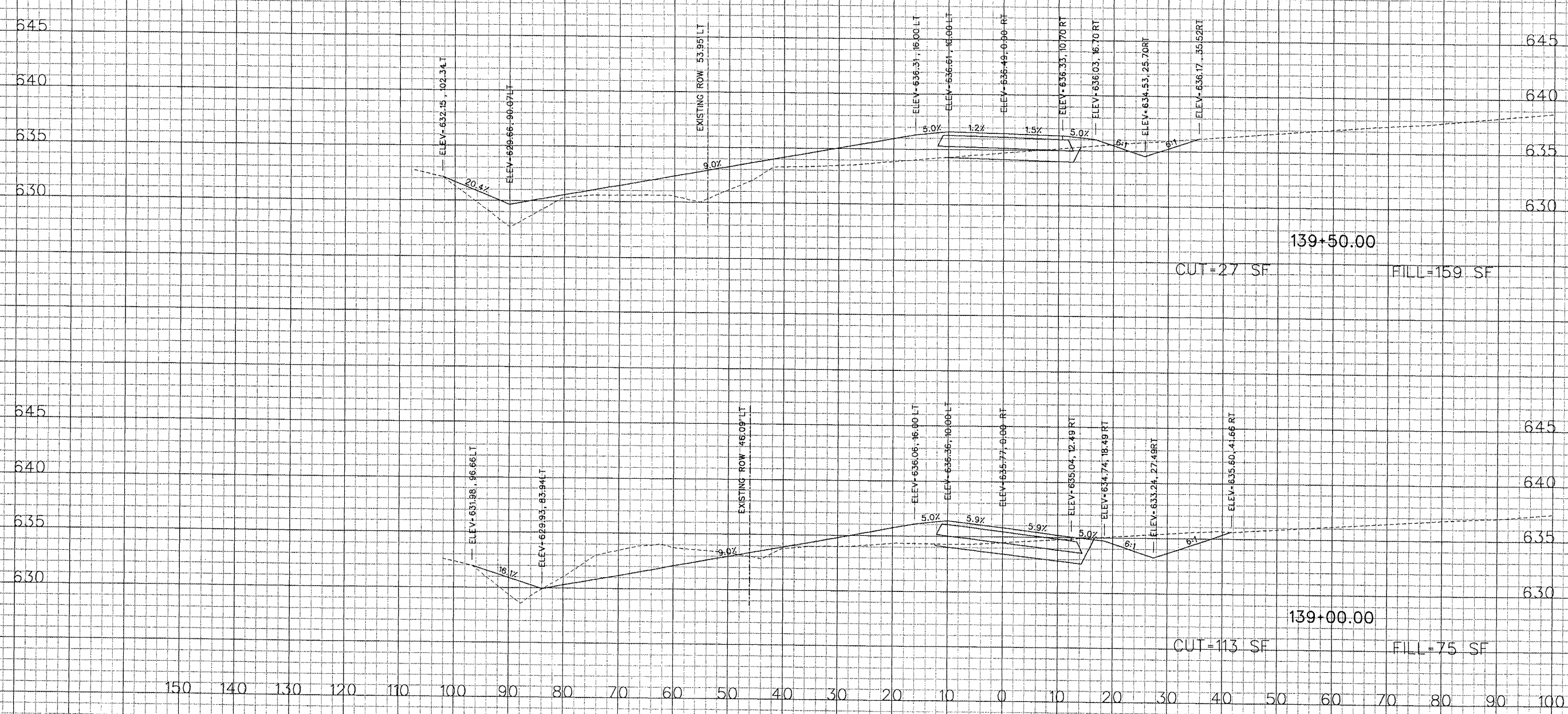
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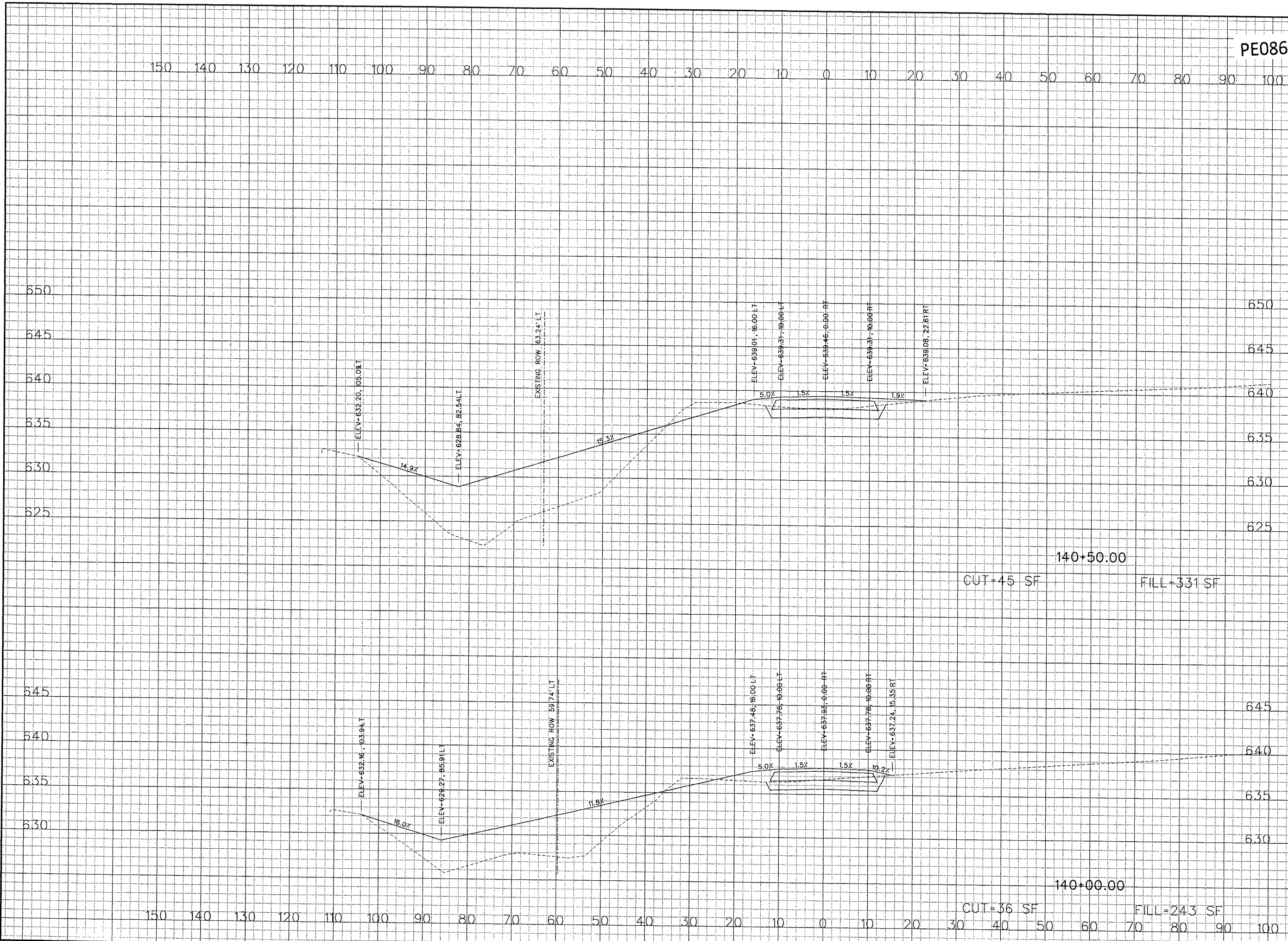
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PERIMETER ROAD
CROSS SECTIONS
SHEET 27 OF 80

SHEET 85 OF 140 SHEETS

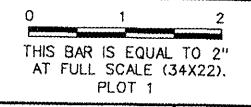


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GREATER Peoria REGIONAL Airport

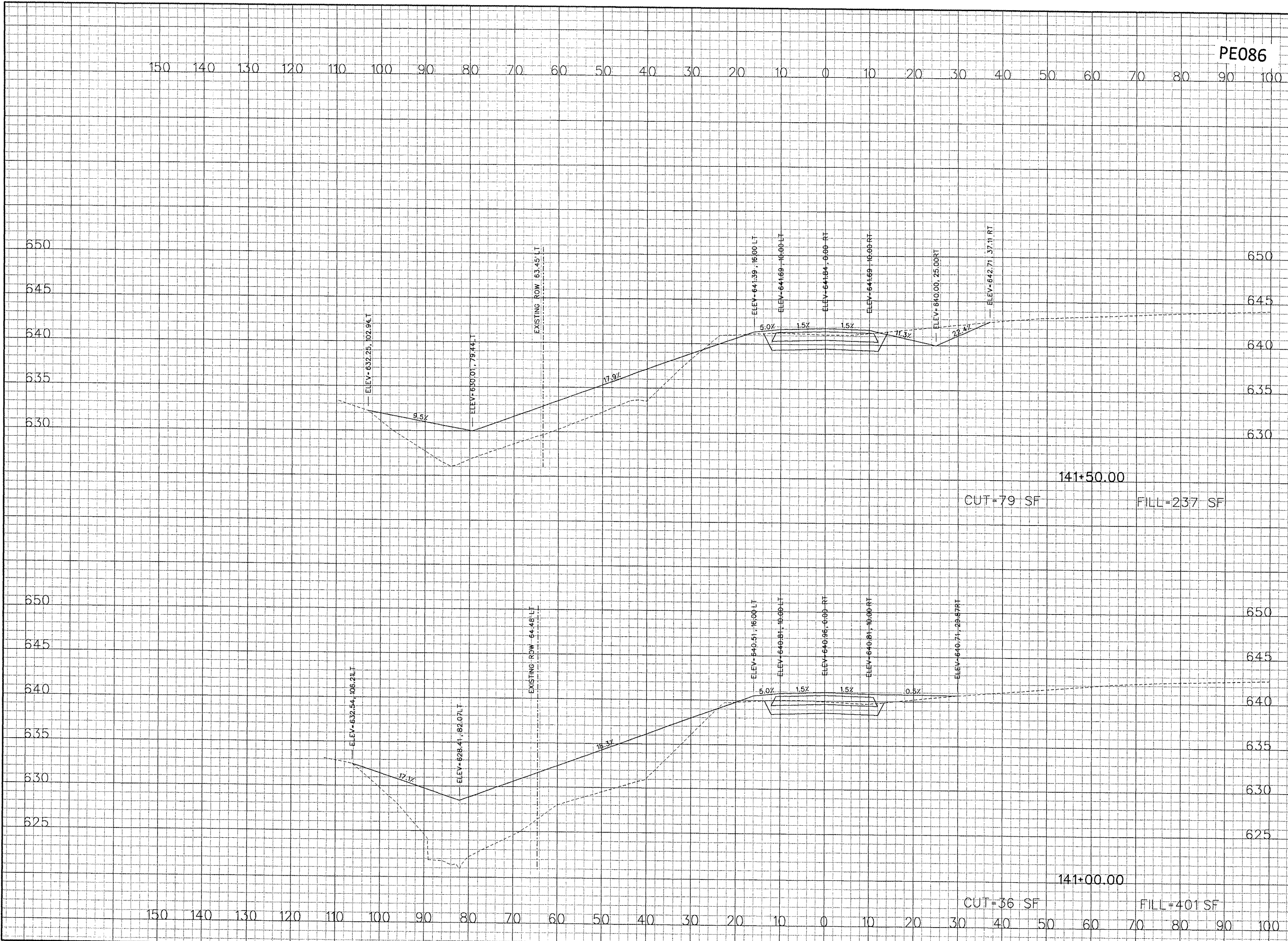
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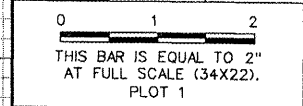
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DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 28 OF 80
SHEET 86 OF 140 SHEETS


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DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 29 OF 80
SHEET 87 OF 140 SHEETS

PE086

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1

GREATER Peoria REGIONAL Airport

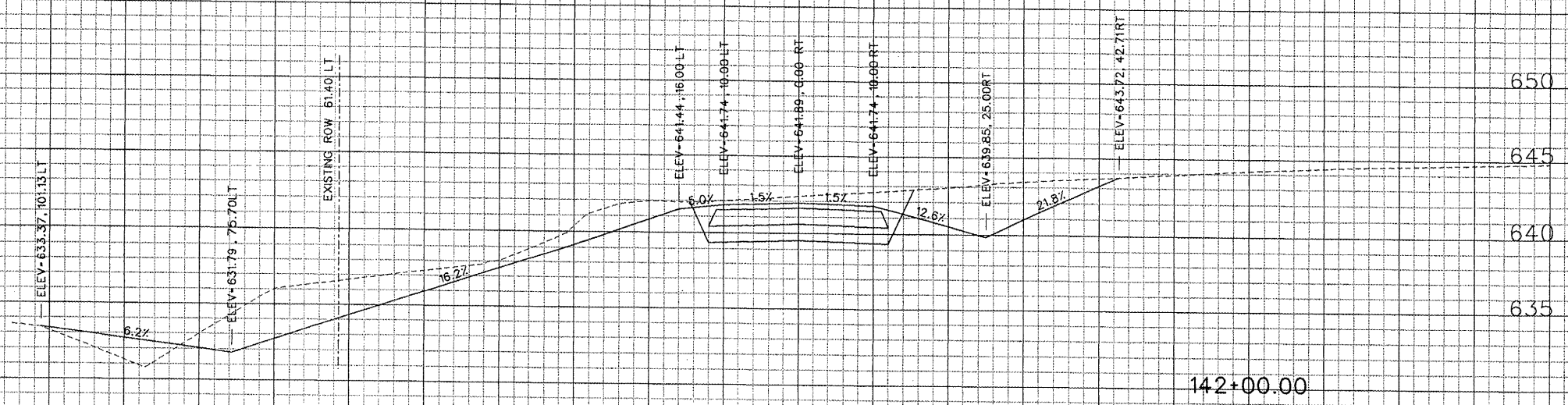
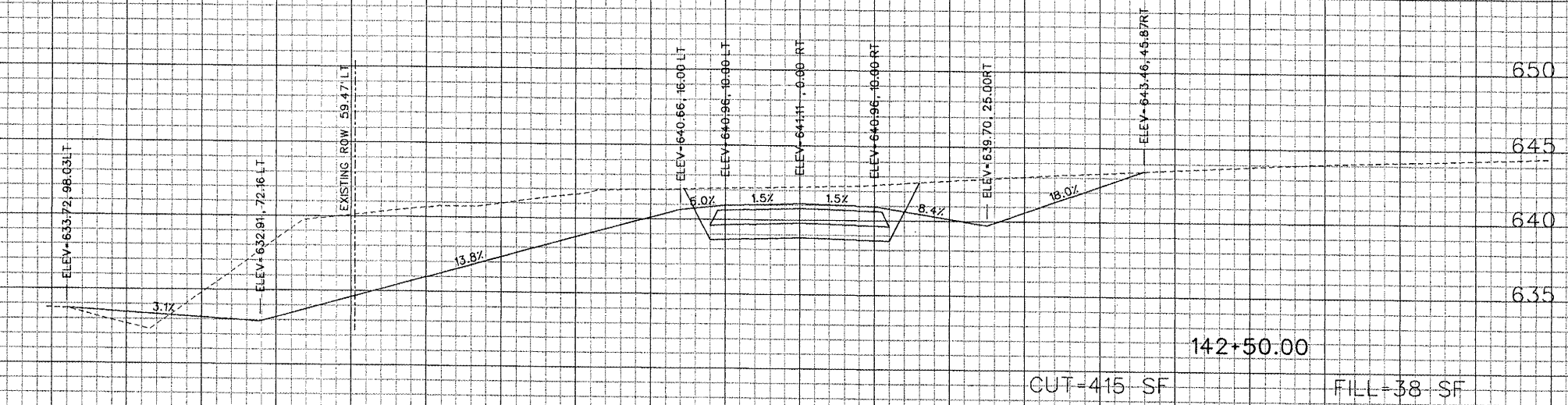
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 30 OF 80
SHEET 88 OF 140 SHEETS

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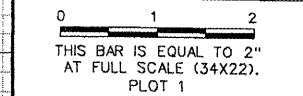
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NUMBER	BY	DATE



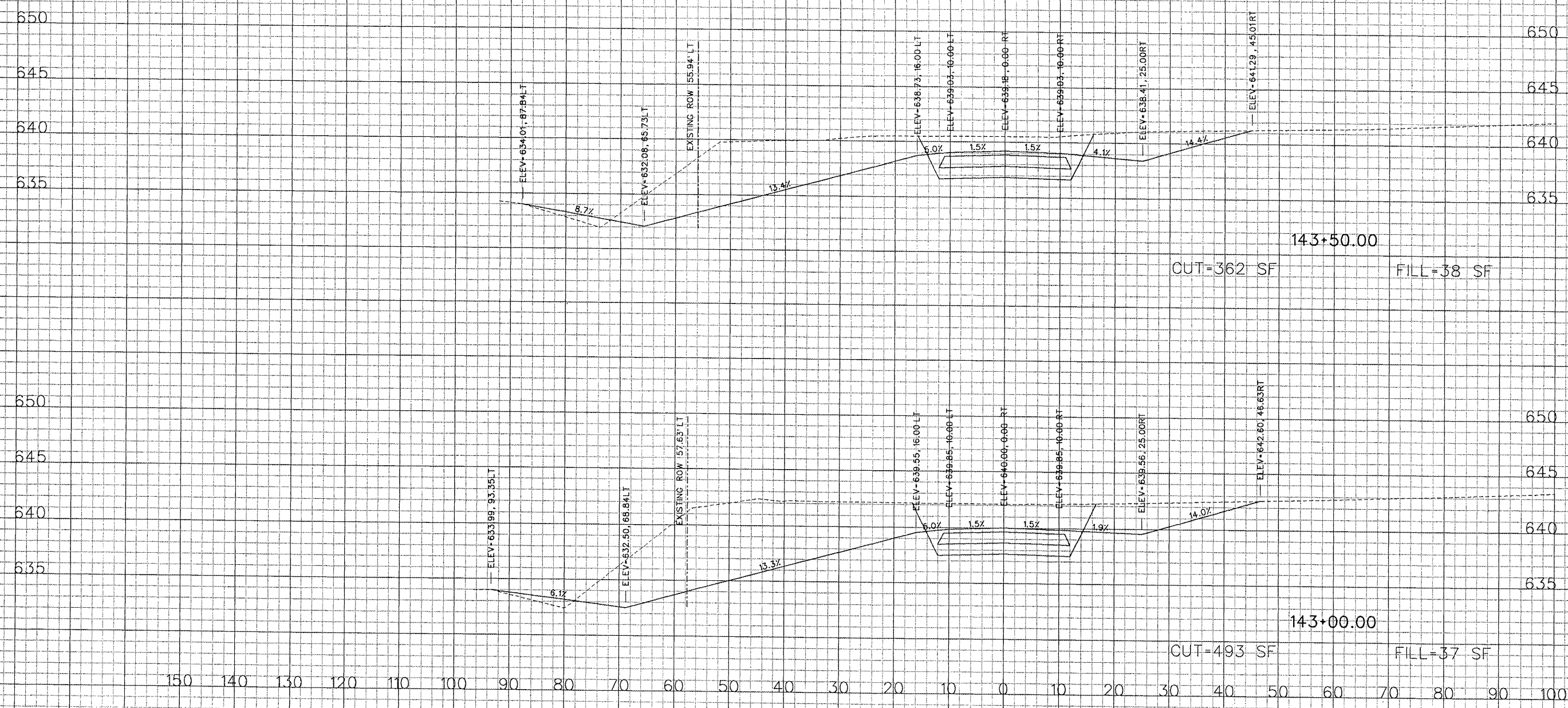
GREATER Peoria REGIONAL Airport

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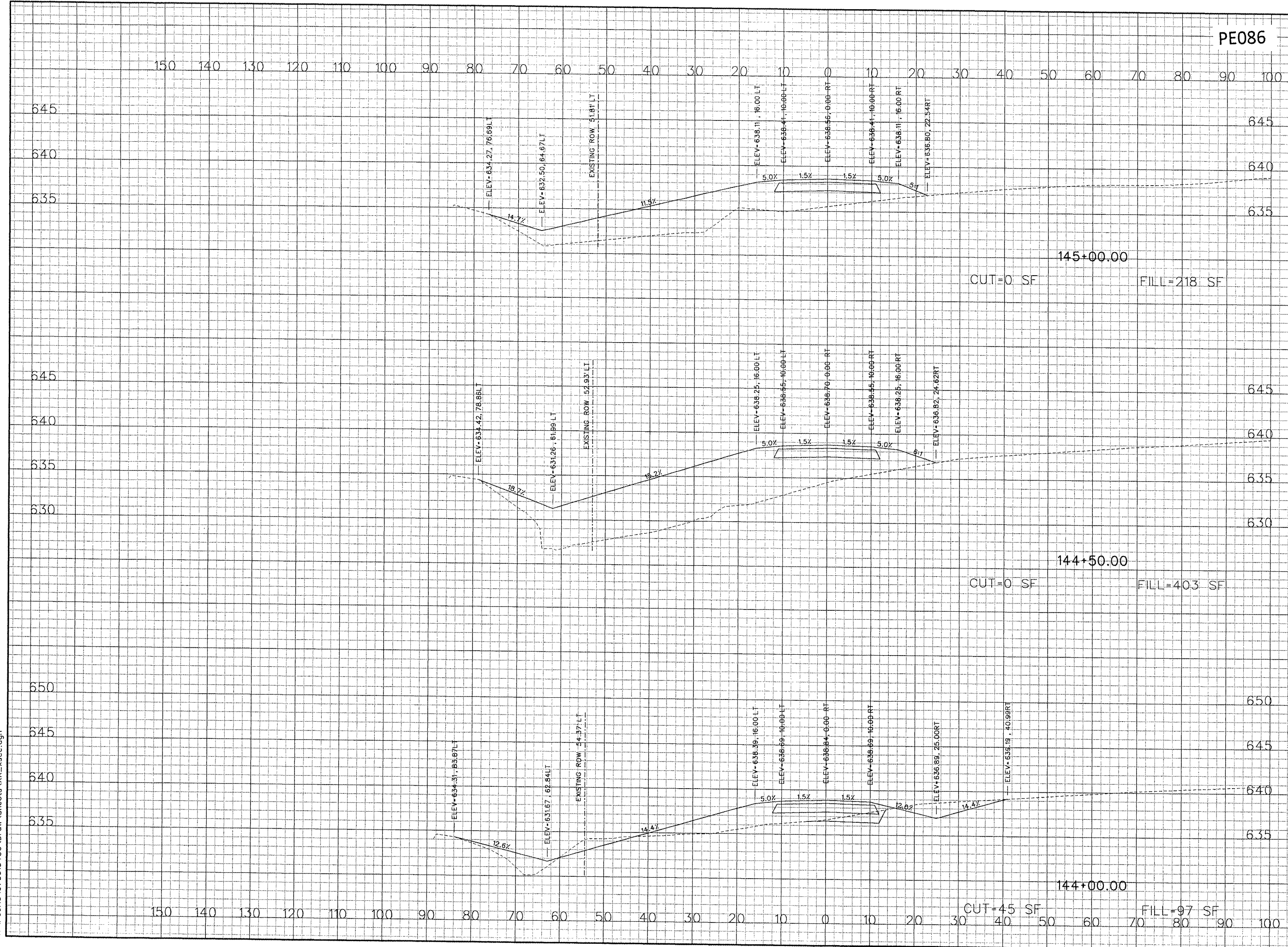
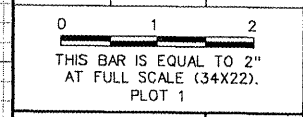
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DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 31 OF 80
SHEET 89 OF 140 SHEETS



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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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DATE: APRIL 24, 2008
JOB No: 0706104
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SHEET 90 OF 140 SHEETS

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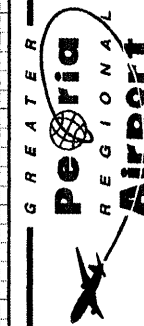
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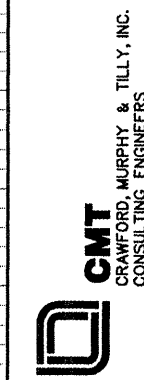
REVISIONS

NUMBER	BY	DATE

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AT FULL SCALE (34X22).
PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1

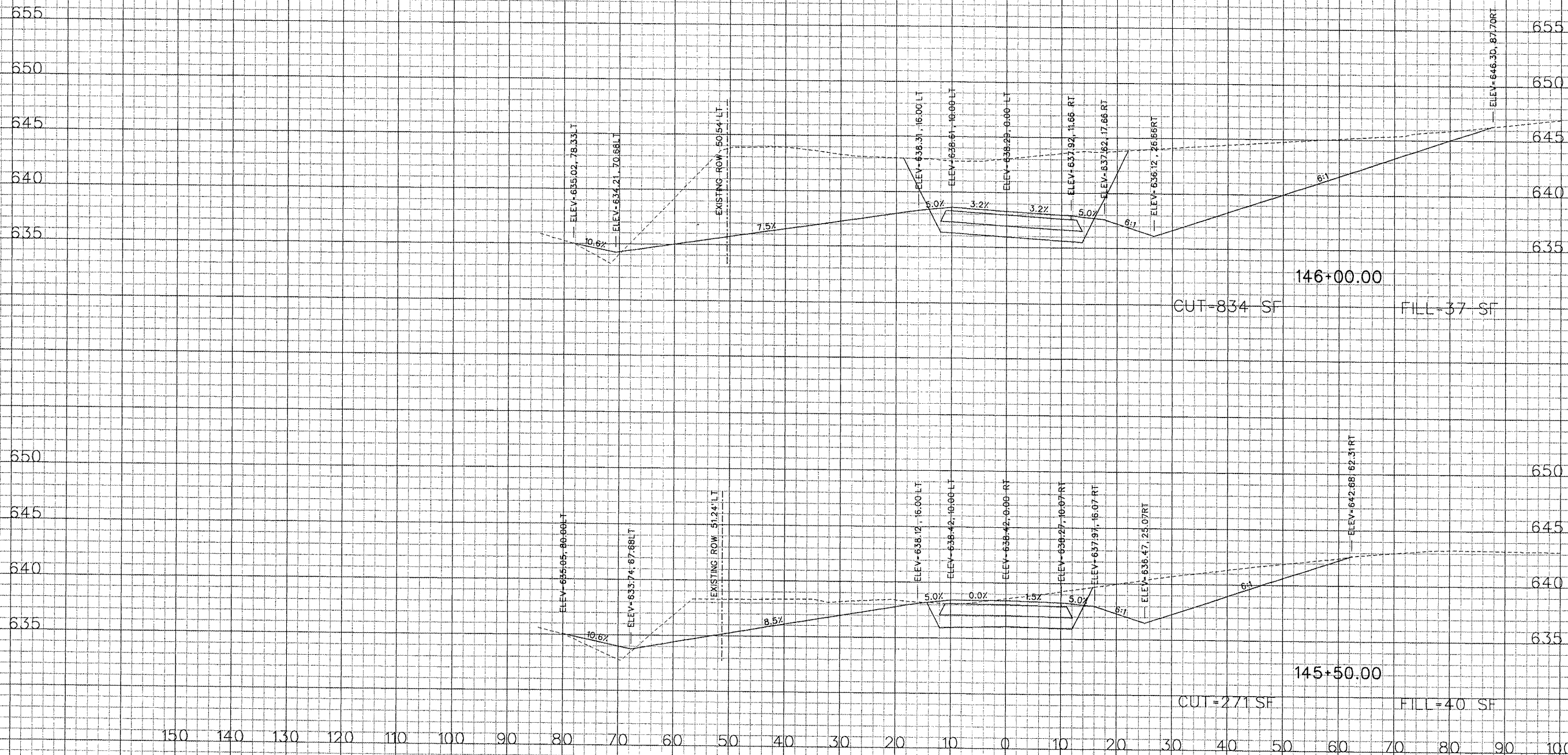


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DATE: APRIL 24, 2008
JOB No: 0706104

PERIMETER ROAD
CROSS SECTIONS
SHEET 33 OF 80

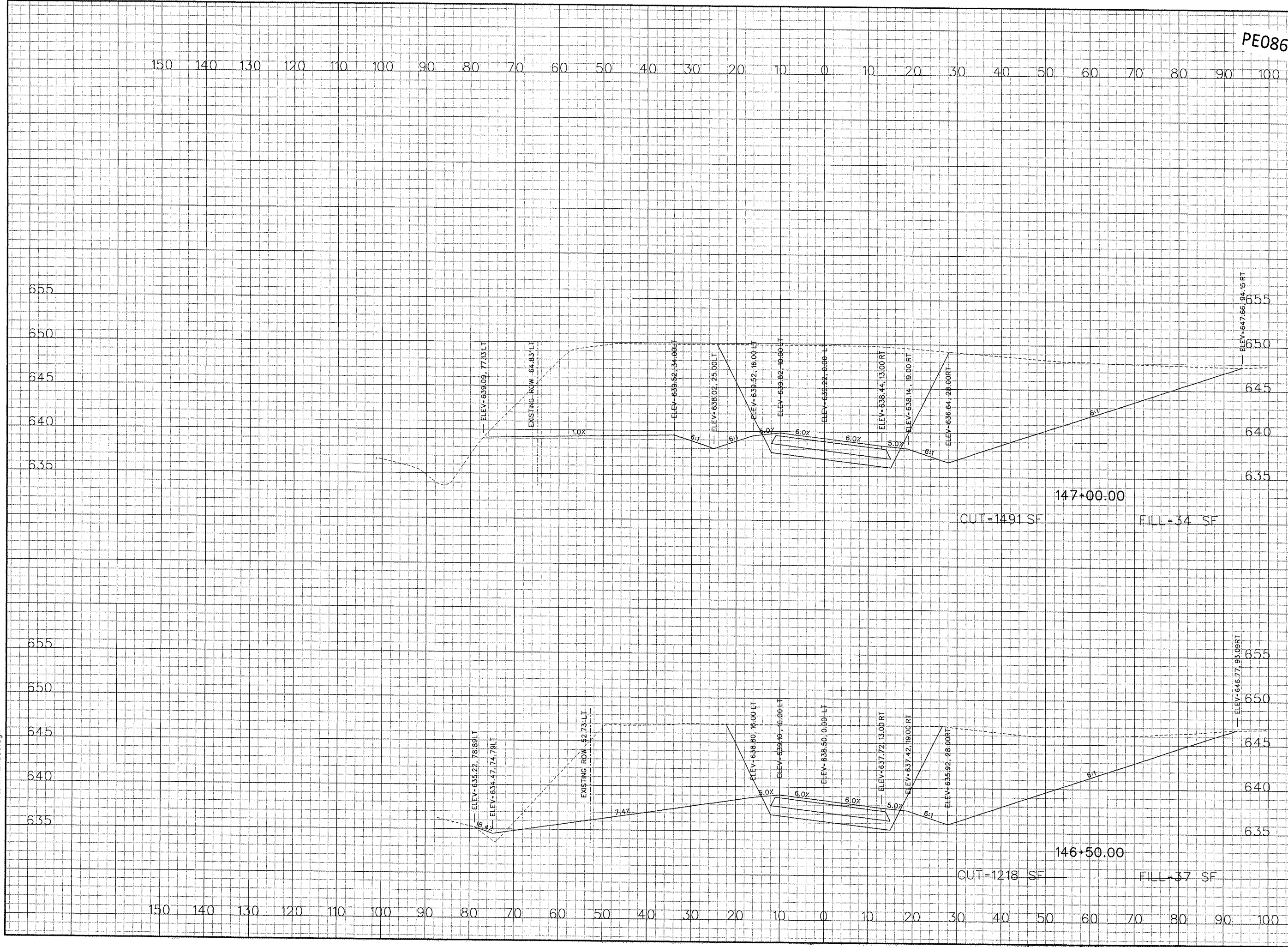
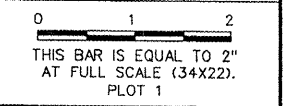
SHEET 91 OF 140 SHEETS



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NUMBER	BY	DATE



GREATER Peoria REGIONAL Airport

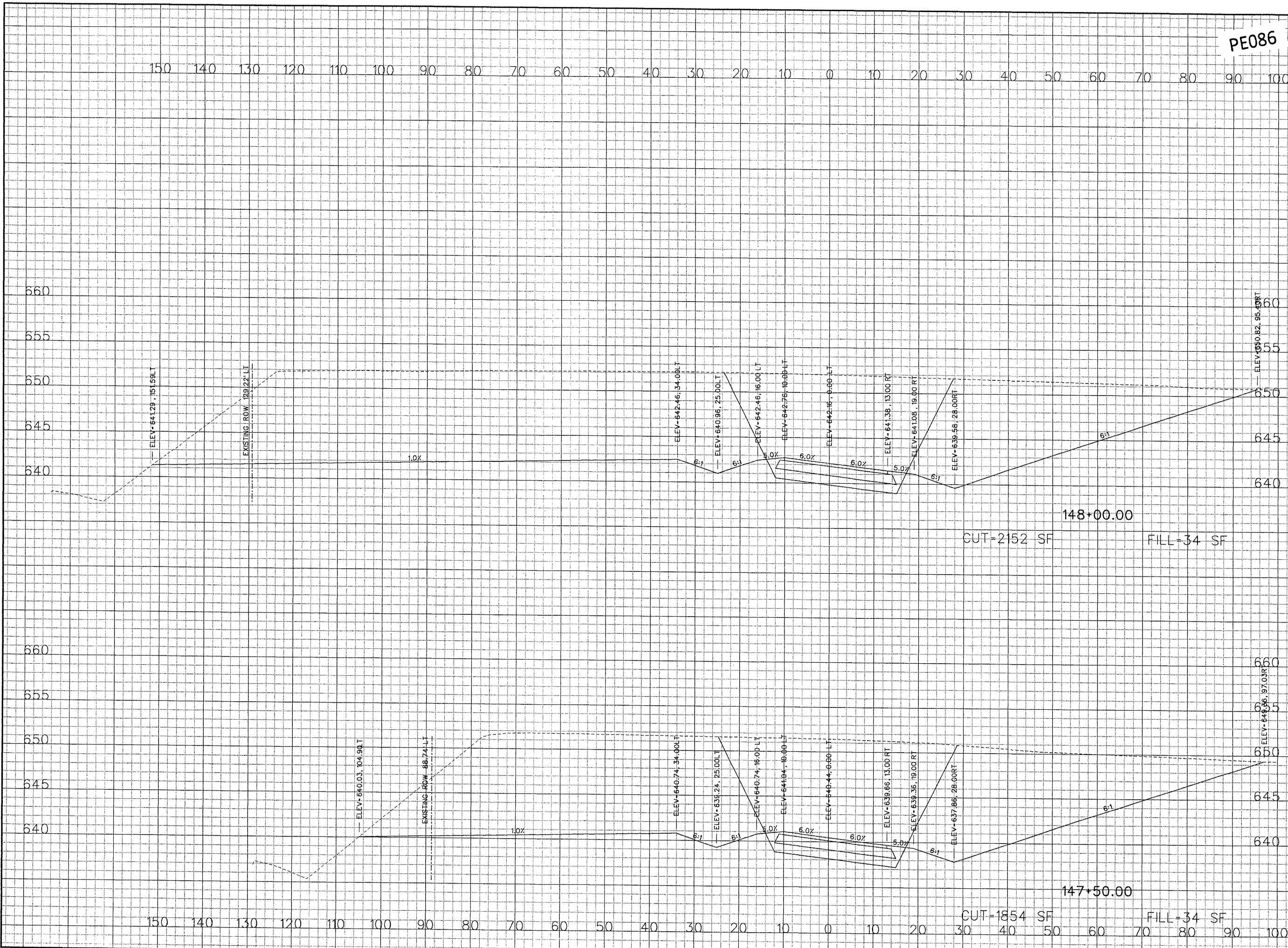
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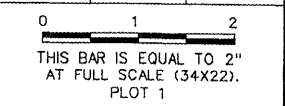
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APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 34 OF 80
SHEET 92 OF 140 SHEETS

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CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1

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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 35 OF 80
SHEET 93 OF 140 SHEETS

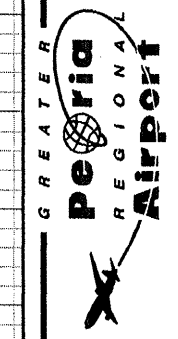
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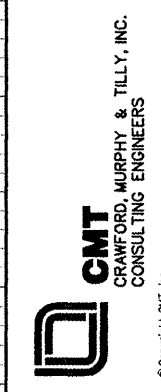
REVISIONS

NUMBER	BY	DATE

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AT FULL SCALE (34X22).
PLOT 1



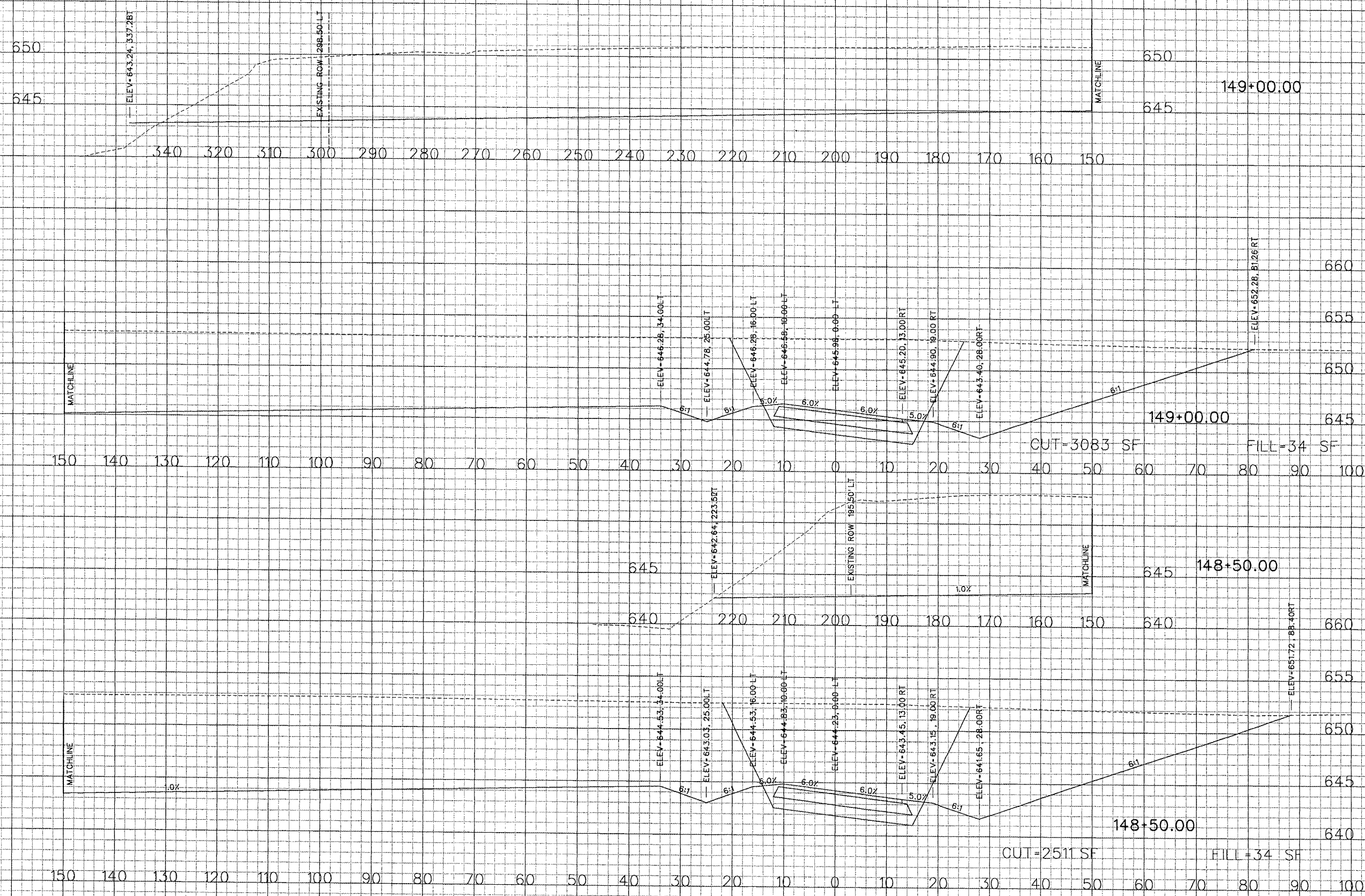
CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1



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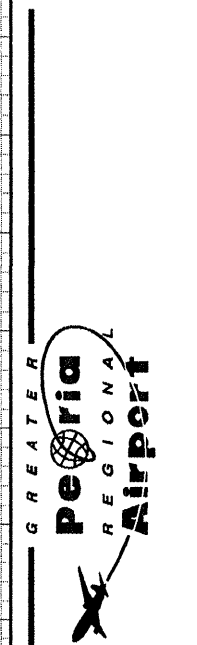
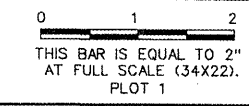
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PERIMETER ROAD
CROSS SECTIONS
SHEET 36 OF 80
SHEET 94 OF 140 SHEETS



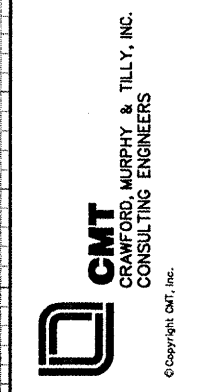
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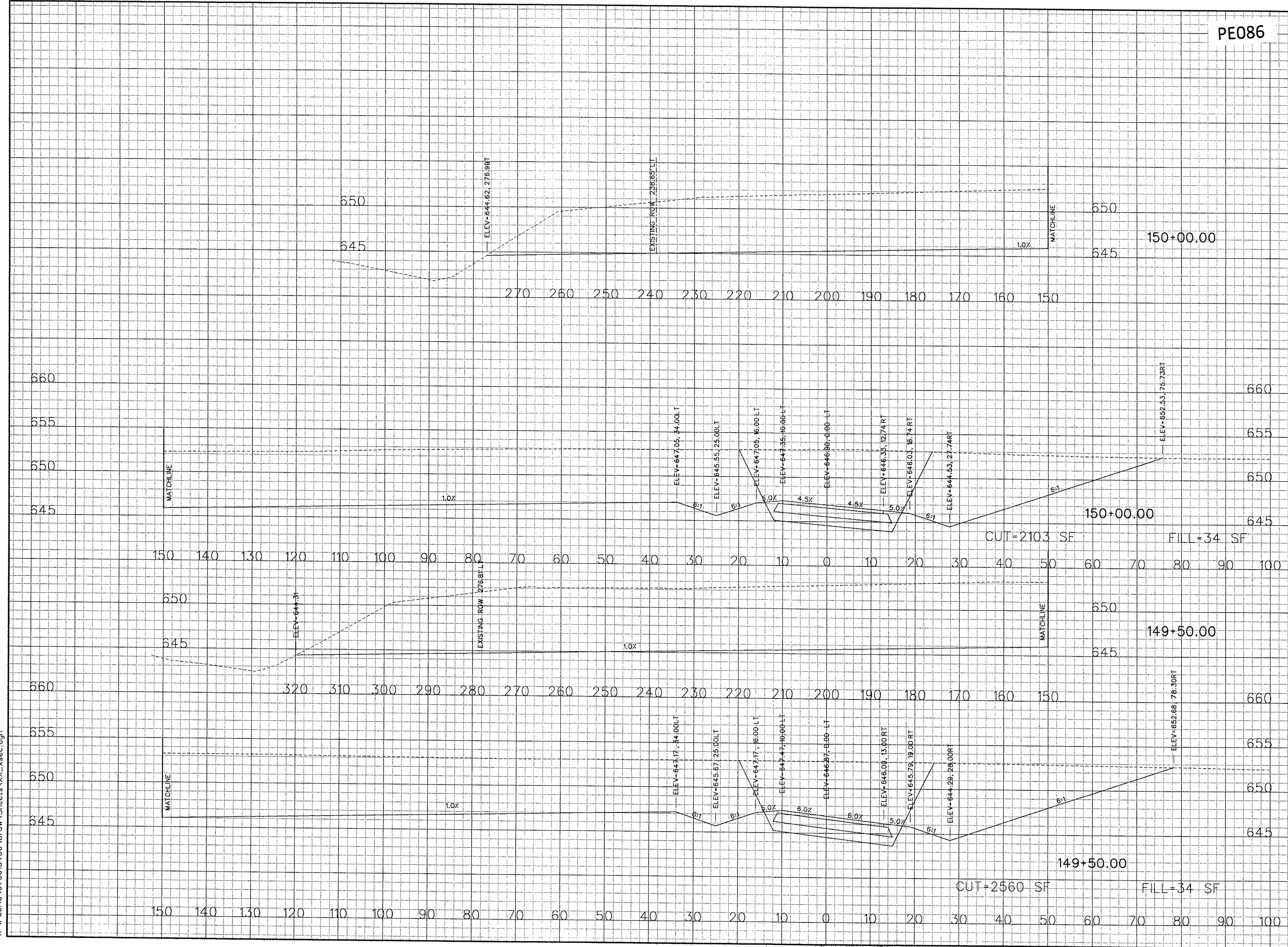
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NUMBER	BY	DATE



CONSTRUCT NEW PERIMETER ROAD AND
PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX
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JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 37 OF 80
SHEET 95 OF 140 SHEETS



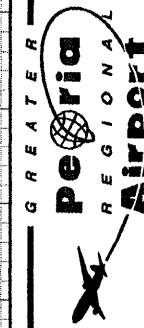
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NUMBER	BY	DATE

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 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

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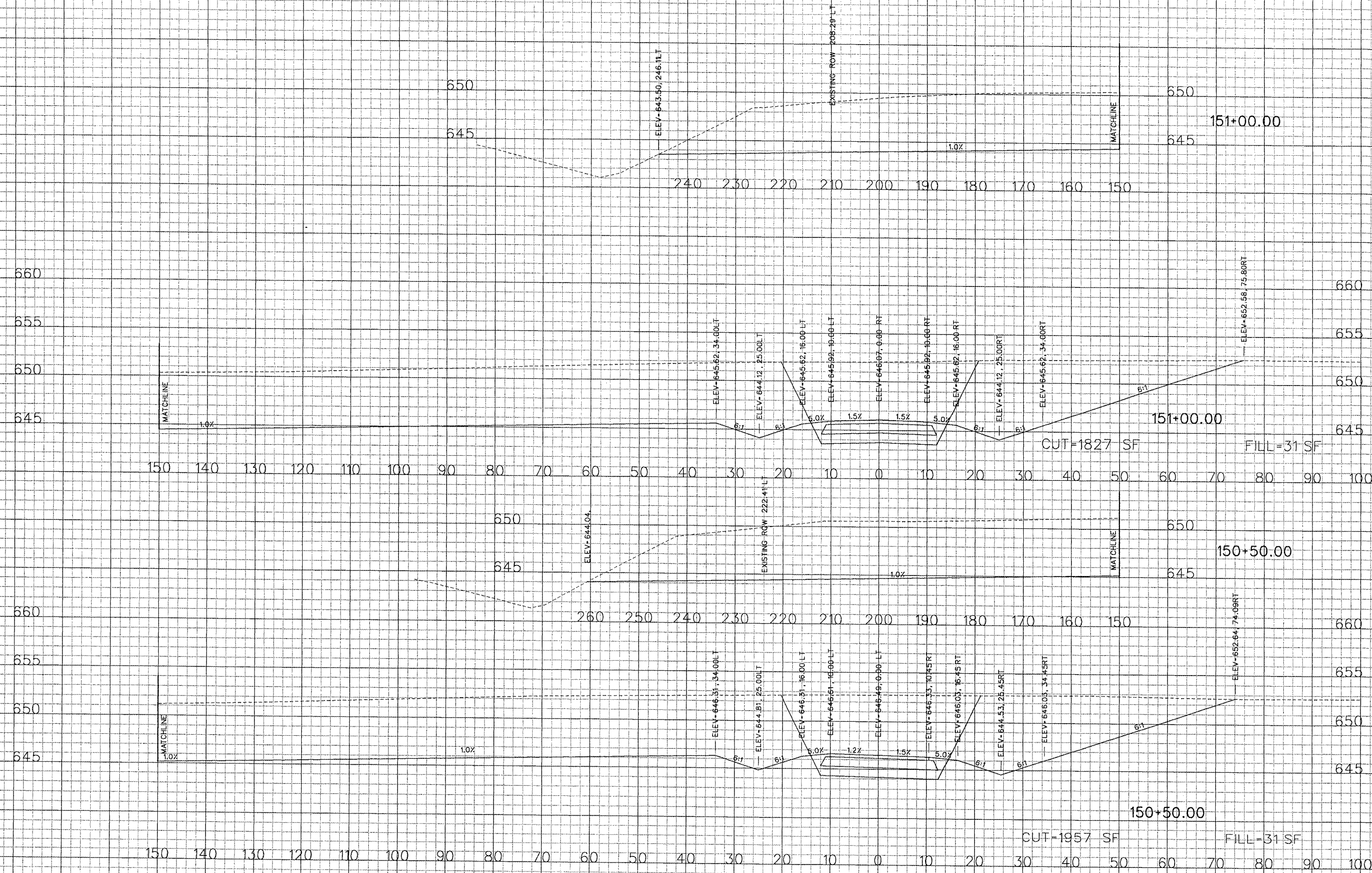
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JOB No: 0706104

PERIMETER ROAD
 CROSS SECTIONS
 SHEET 38 OF 80

SHEET 96 OF 140 SHEETS



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0 1 2
THIS BAR IS EQUAL TO 2"
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PLOT 1

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FILE: ... \Draw\Sheets\XX_xsec.dgn
DESIGN BY: TWM, RBL
DRAWN BY: RBL
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 39 OF 80
SHEET 97 OF 140 SHEETS

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0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

FILE: ... \Draw\Sheets\XX_xsec.dgn

DESIGN BY: TWM, RBL

DRAWN BY: RBL

CHECKED BY: RBL

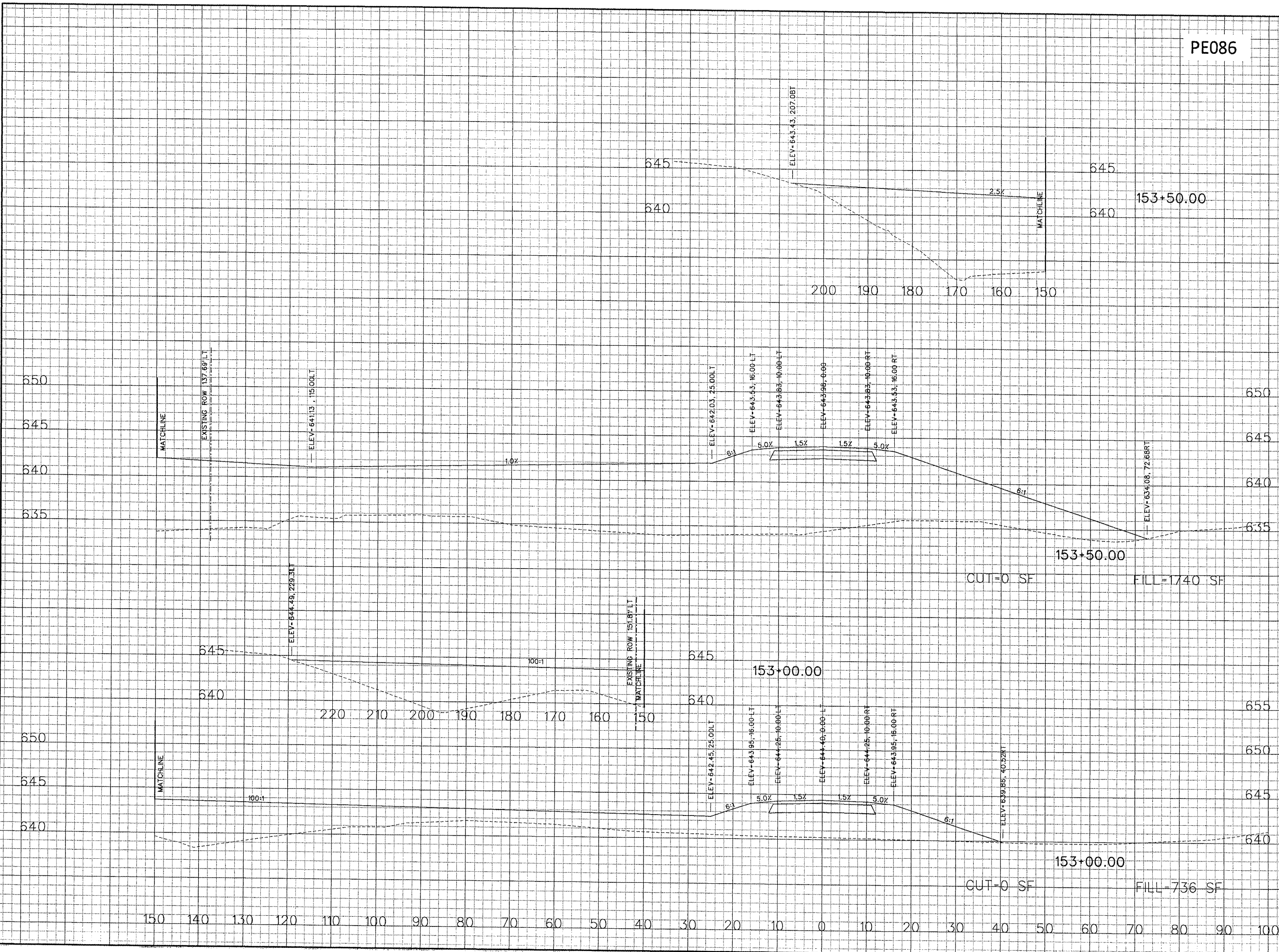
APPROVED BY: GET

DATE: APRIL 24, 2008

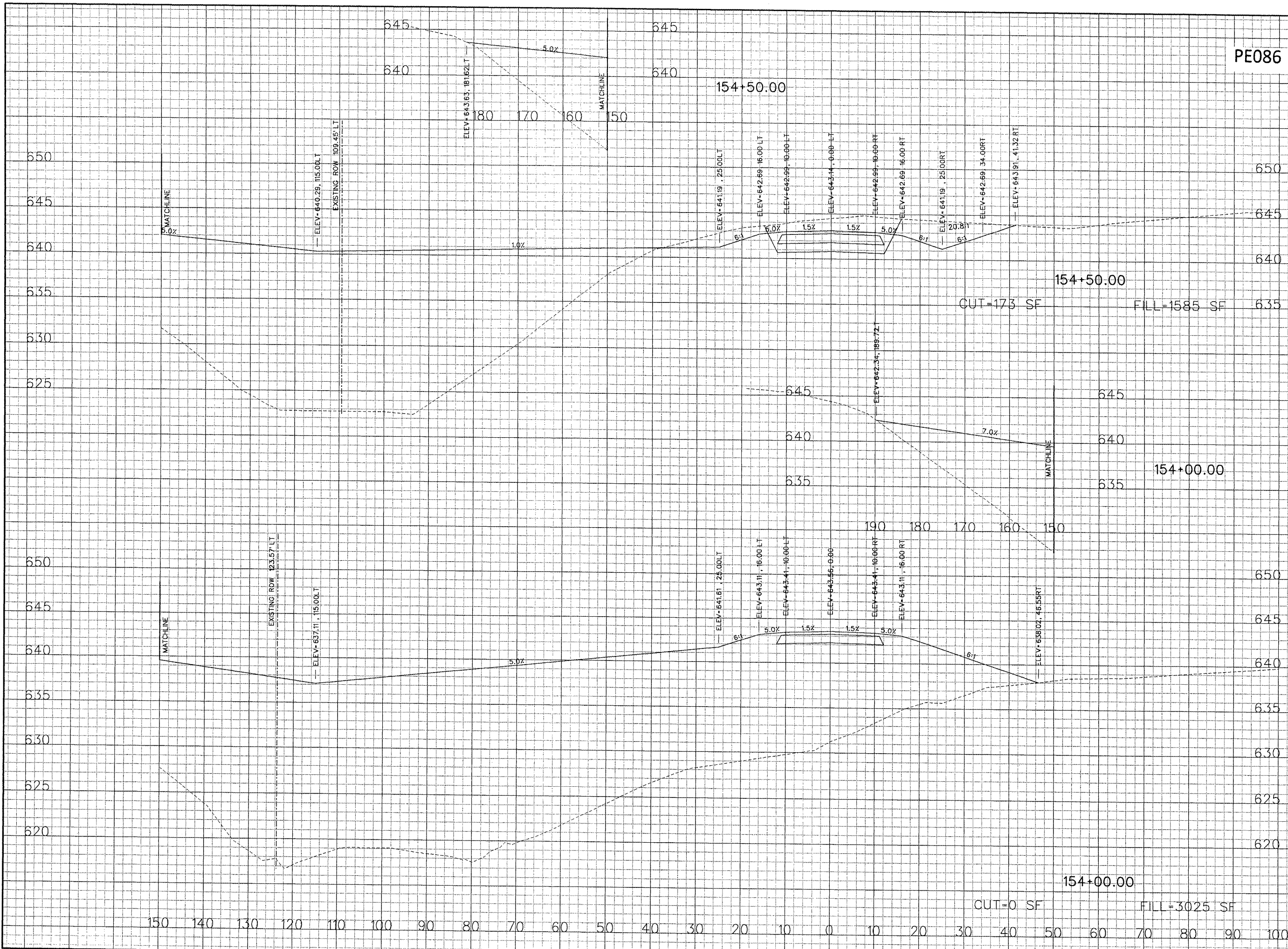
JOB No: 0706104

PERIMETER ROAD
 CROSS SECTIONS
 SHEET 40 OF 80

SHEET 98 OF 140 SHEETS

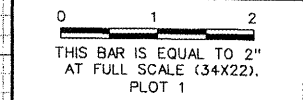


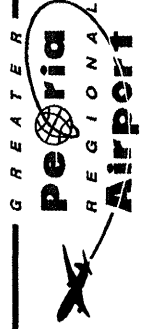
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PE086

REVISIONS		
NUMBER	BY	DATE




GREATER Peoria REGIONAL Airport

CONSTRUCT NEW PERIMETER ROAD AND PERIMETER FENCE - PROJECT 1


CMT
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 CONSULTING ENGINEERS
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IL PROJECT: PIA-3343 AIP PROJ: 3-17-0080-XX
FILE: ... \Draw\Sheets\XX_xsec.dgn
DESIGN BY: TWM, RBL
DRAWN BY: RBL
CHECKED BY: RBL
APPROVED BY: CET
DATE: APRIL 24, 2008
JOB No: 0706104
PERIMETER ROAD CROSS SECTIONS SHEET 41 OF 80
SHEET 99 OF 140 SHEETS

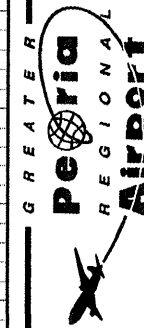
4/23/2008
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PE086

REVISIONS

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).
 PLOT 1



CONSTRUCT NEW PERIMETER ROAD AND
 PERIMETER FENCE - PROJECT 1



IL PROJECT: PIA-3343
 AIP PROJ: 3-17-0080-XX

FILE:...\Draw\Sheets\XX_xsec.dgn
 DESIGN BY: TWM, RBL
 DRAWN BY: RBL
 CHECKED BY: RBL
 APPROVED BY: GET
 DATE: APRIL 24, 2008
 JOB No: 0706104

PERIMETER ROAD
 CROSS SECTIONS
 SHEET 42 OF 80
 SHEET 100 OF 140 SHEETS

