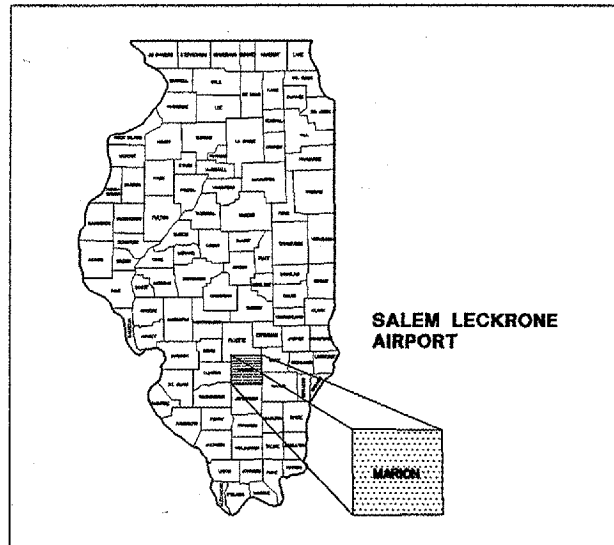


CONSTRUCTION PLANS FOR SALEM LECKRONE AIRPORT SALEM, MARION COUNTY, ILLINOIS SITE WORK FOR T-HANGAR

THIS PROJECT SHALL CONSIST OF DEMOLITION, EARTHWORK GRADING, DRAINAGE,
EXTERIOR SITE PAVEMENT, WATER LINE AND YARD HYDRANTS AND OTHER MISCELLANEOUS WORK.



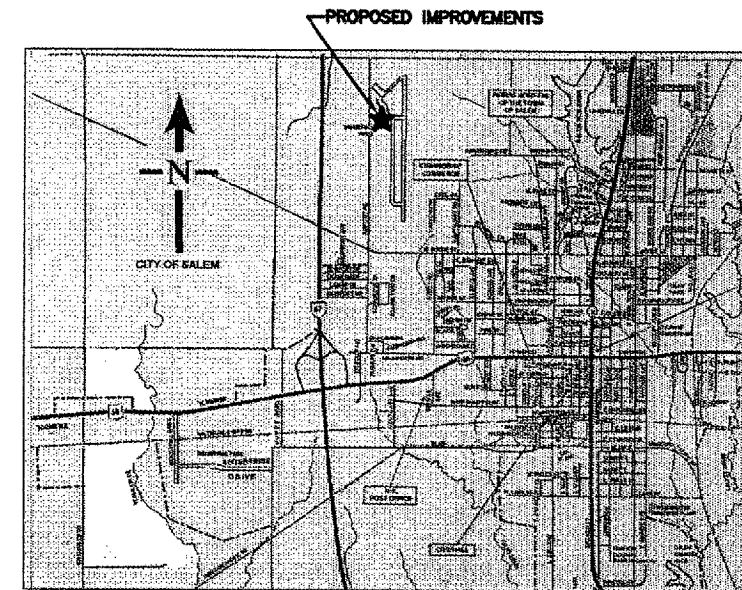
LOCATION MAP

ILLINOIS PROJECT: SLO-3484
AIP PROJECT NO: 3-17-0089-B9
DATE: MAY 13, 2005

INDEX TO SHEETS

- C1 COVER SHEET, INDEX TO SHEETS AND SUMMARY OF QUANTITIES
- C2 SAFETY PLAN
- C3 SITE LAYOUT AND DEMOLITION PLAN
- C4 TYPICAL SECTIONS & MISCELLANEOUS DETAILS
- C5 EROSION CONTROL PLAN

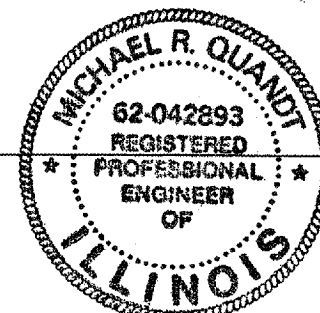
LATITUDE: 38°38'34"
LONGITUDE: 88°57'51"
ELEVATION: 573 M.S.L.



VICINITY MAP

SUMMARY OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	AWARDED QUANTITY			AS-BUILT QUANTITY
			FED/STATE/LOCAL	FED/LOCAL	TOTAL	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	529		529	
AR156510	SILT FENCE	L.F.	862		862	
AR156512	BALES	EACH	25		25	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	1298	892	2190	
AR401610	BITUMINOUS SURFACE COURSE	TON	556	264	820	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	1493		1493	
AR501900	REMOVE PCC PAVEMENT	S.Y.	172		172	
AR602510	BITUMINOUS PRIME COAT	GAL.	803	375	1178	
AR603610	BITUMINOUS TACK COAT	GAL.	225	106	331	
AR620520	PAVEMENT MARKING - WATERBORNE	S.F.	373		373	
AR701412	12" RCP CLASS III	L.F.	49		49	
AR752412	PRECAST REINFORCED CONC. F.E.S., 12"	EACH	2		2	
AR801400	REMOVE CONCRETE FOUNDATION	L.F.	408		408	
AR801401	WATER YARD HYDRANTS	EACH		3	3	
AR801402	WATER LINE	L.F.		593	593	
AR901510	SEEDING	ACRE	0.70		0.70	
AR908510	MULCHING	ACRE	0.70		0.70	



SUBMITTED BY *Michael R. Quandt*
DATE *5/13/05*

**SALEM LECKRONE AIRPORT
SALEM, ILLINOIS**

APPROVED *David E. Folsom*
CHAIRMAN, SALEM AIRPORT AUTHORITY

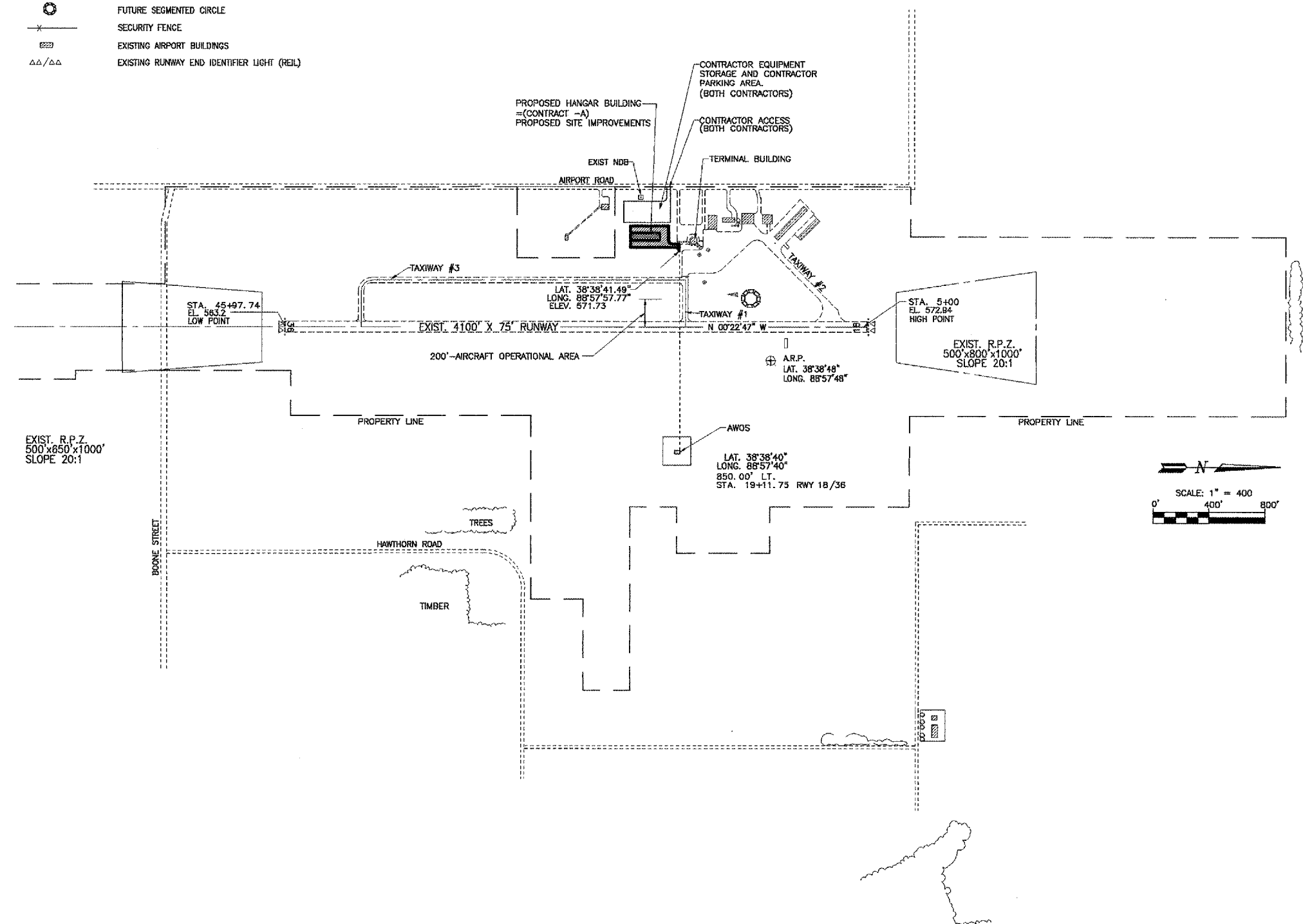
DATE *5/13/05*

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LEGEND

- EXISTING NON-DIRECTIONAL BEACON (NDB)
- EXISTING AIRPORT BOUNDARY
- EXISTING ROTATING BEACON
- EXISTING INTERNALLY LIGHTED WIND CONE
- EXISTING THRESHOLD LIGHT - GREEN
- EXISTING RUNWAY PROTECTION ZONE (RPZ)
- FUTURE SEGMENTED CIRCLE
- SECURITY FENCE
- EXISTING AIRPORT BUILDINGS
- EXISTING RUNWAY END IDENTIFIER LIGHT (REIL)



CONTRACTOR'S RESPONSIBILITIES (BOTH CONTRACTORS)

1. THE CONTRACTOR'S EMPLOYEES WILL PARK IN THE EQUIPMENT PARKING AREA.
2. THE CONTRACTOR WILL FURNISH ALL EMPLOYEES WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THEM AS BEING PART OF THE CONSTRUCTION CREW.
3. WHEN THE CONTRACTOR'S VEHICLES ARE ON THE AIRPORT SITE THEY WILL BE PROPERLY MARKED WITH THE INTERNATIONAL ORANGE AND WHITE FLAG DISPLAYED IN FULL VIEW ABOVE THE VEHICLES.
4. CONTRACTOR MUST HAVE AERONAUTIC RADIO FOR EMERGENCY USE (122.8 MHZ)
5. THE CONTRACTOR WILL NOT BE ALLOWED ACCESS TO THE AIRPORT TERMINAL BUILDING & WILL NEED TO SUPPLY PORTABLE RESTROOMS ON SITE FOR CONSTRUCTION CREWS.
6. CONTRACTOR PERSONNEL SHALL BE LIMITED TO AREA REQUIRED TO CONSTRUCT IMPROVEMENTS. ACCESS NOT ALLOWED ACROSS AIRPORT PROPERTY.

AIRCRAFT OPERATIONAL AREA

THE CONTRACTOR OR HIS EMPLOYEES SHALL NOT PROCEED INTO THE AIRCRAFT OPERATIONAL AREA. THEREFORE, RUNWAY CLOSURE WILL NOT BE REQUIRED.

MISCELLANEOUS NOTES

THE LOCATIONS OF THE UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAVE BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER, IN RESPECT TO THE ACCURACY OR SUFFICIENCY OF THE INFORMATION AND THERE IS NO GUARANTEE EITHER EXPRESSED OR IMPLIED, THAT THE CONDITIONS ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED.

EROSION CONTROL

THIS CONTRACT WILL DISTURB IN EXCESS OF ONE ACRE AND AN N.P.D.E.S. PERMIT WILL BE REQUIRED.

SCOPE OF WORK

CONTRACT "A" WORK SHALL CONSIST OF CONSTRUCTING AN 8 UNIT T HANGAR, ASSOCIATED FLOOR PAVEMENT, ELECTRICAL SERVICE AND MISCELLANEOUS WORK.

REMAINING SITE WORK SHALL BE CONSTRUCTED UNDER THIS CONTRACT AND SHALL CONSIST OF DEMOLITION, EARTHWORK GRADING, DRAINAGE, EXTERIOR SITE PAVEMENT, WATERLINE AND YARD HYDRANTS AND MISCELLANEOUS WORK.

HAUL ROAD AND EQUIPMENT PARKING AREA

EACH CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND EQUIPMENT PARKING AREA AS SHOWN ON THIS SHEET. IT WILL BE THEIR RESPONSIBILITY TO MAINTAIN THE HAUL ROUTE AND PARKING AREA DURING CONSTRUCTION, MAINTAIN THE AIRPORT SECURITY AT THE HAUL ROUTE ENTRANCE, AND RESTORE THESE AREAS TO THEIR ORIGINAL SHAPE AFTER CONSTRUCTION IS COMPLETED. ANY AREAS DAMAGED OUTSIDE THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

EXISTING CABLE LOCATIONS

THE CONTRACTOR SHALL CONTACT J.U.L.L.E. AND HAVE ALL UTILITIES LOCATED AND IDENTIFIED FOR DEPTH BEFORE ANY EXCAVATION BEGINS. 1-800-692-0123.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETION OF ALL WORK EXCEPT AS NOTED CONTRACT "A". ALL CONTRACT "A" WORK SHALL BE COMPLETED BY OTHERS.

ILLINOIS PROJECT: SLO-3484
AIP PROJECT NO: 3-17-0089-B9

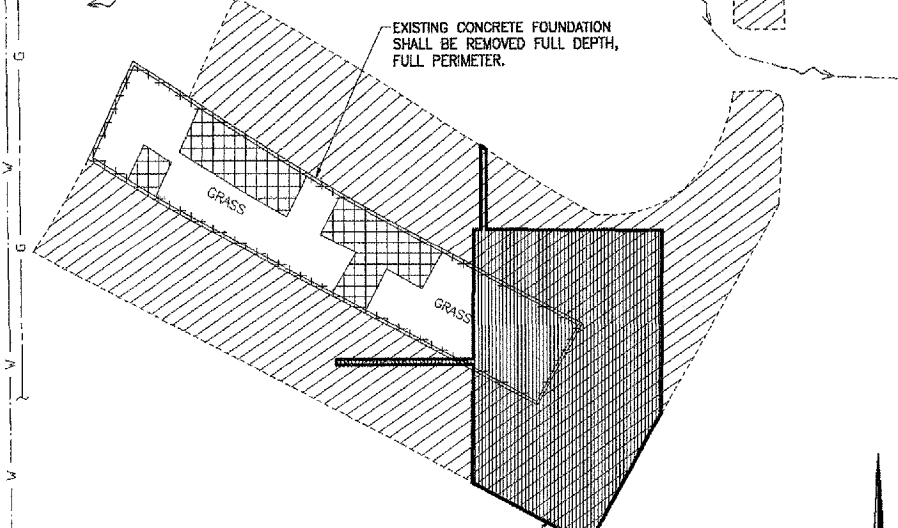
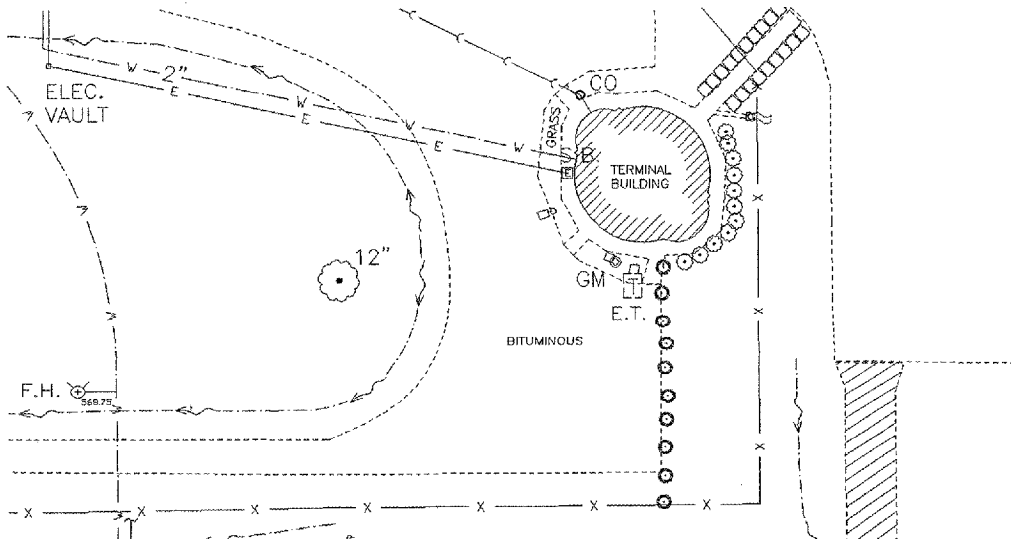
2524 South Broadway
Salem, Illinois 62881
Ph (618) 548-3500
Fax (618) 548-3248
Ill. Design Firm Registration
No. 184-007518

SITE WORK FOR T-HANGAR
SALEM LECKRONE AIRPORT
SALEM, ILLINOIS

SAFETY PLAN

SURVEY	JAS	CHECKED	DATE	05/13/06	SHEET
DESIGN	MRQ	APPROVED	REVISED		C2
DRAWN	JMW/JSD		JOB NO.	SA00015-30189	OF

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DEMOLITION - CONTRACT "A" - THESE OUTER LIMITS ARE DEFINED AS 5' OUTSIDE THE PERIMETER OF THE NEW BUILDING, AND DEMOLITION TO DO SITE ELECTRICAL WORK.

SCALE: 1" = 30'

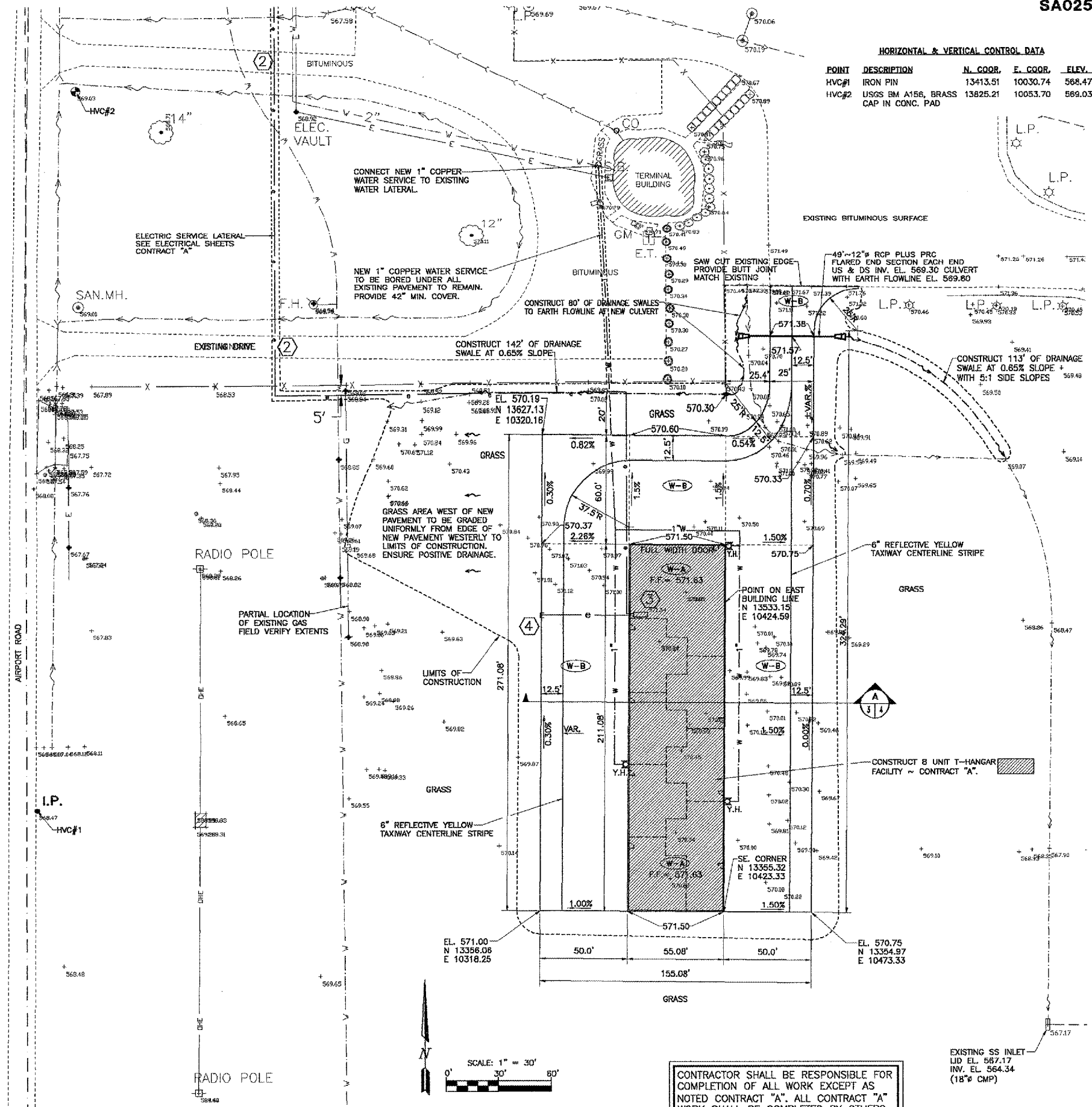
IN LOCATIONS OF EXISTING PAVEMENT REMOVAL WHERE FINAL SURFACE IS TO BE GRASS, THE CONTRACTOR SHALL UNDERCUT FINAL GRADES BY 4" FOR TOPSOIL PLACEMENT. EXCAVATED MATERIAL FROM THIS AREA SHALL BE CONSIDERED UNSUITABLE EXCEPT TO BACKFILL AREAS OF CONCRETE FOUNDATION REMOVAL UP TO 4" FROM FINAL GRADES. EXCESS UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.

ASPHALT TO BE REMOVED
CONCRETE PAVEMENT TO BE REMOVED

SITE DEMOLITION PLAN

LEGEND

W.V. ●	EXISTING WATER VALVE	T.P. ○	EXISTING TELEPHONE POLE
W.M. ○	EXISTING WATER METER	T.PED. □	EXISTING TELEPHONE PEDESTAL
F.H. ∇	EXISTING FIRE HYDRANT	12" ○	EXISTING TREE
Y.H. ∇	EXISTING YARD HYDRANT	X	EXISTING FENCE
W	EXISTING WATER LINE	I.P. ●	IRON PIN
G.REG. ○	EXISTING GAS REGULATOR	□	EXISTING STORM INLET
GV ●	EXISTING GAS VALVE	⊙	EXISTING MANHOLE
GM ○	EXISTING GAS METER	CO°	EXISTING CLEAN OUT
G	EXISTING GAS LINE	SS	EXISTING STORM SEWER
P.P. □	EXISTING POWER POLE	SD	EXISTING SURFACE DRAINAGE
L.P. ☆	EXISTING LIGHT POLE	SAN	EXISTING SANITARY SEWER
S.B. ■	EXISTING ELECTRIC SPLICE BOX	591.52	EXISTING SPOT ELEVATION
E.T. □	EXISTING ELECTRIC TRANSFORMER	YH ∇	NEW YARD HYDRANT
E.M. ○	EXISTING ELECTRIC METER	W	NEW WATER LINE
OHE	EXISTING OVERHEAD ELECTRIC LINE	SD	NEW SURFACE DRAINAGE
□	EXISTING SIGN	P.B. ●	NEW PIPE BOLLARD



HORIZONTAL & VERTICAL CONTROL DATA

POINT	DESCRIPTION	N. COOR.	E. COOR.	ELEV.
HVC#1	IRON PIN	13413.51	10030.74	568.47
HVC#2	USGS BM A156, BRASS CAP IN CONC. PAD	13825.21	10053.70	569.03

ILLINOIS PROJECT: SLO-3484
AIP PROJECT NO: 3-17-0089-B9

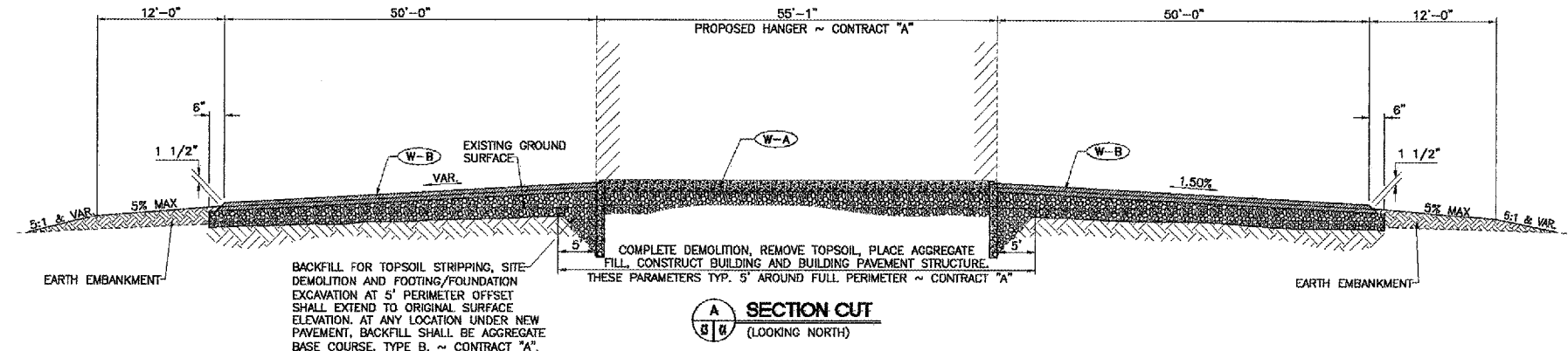
2524 South Broadway
Salem, Illinois 62801
PH (618) 458-3000
FAX (618) 548-3245
I.L. Design Firm Registration
No. 184-001518

**SITE WORK FOR T-HANGAR
SALEM LECKRONE AIRPORT
SALEM, ILLINOIS**

**SITE LAYOUT AND
DEMOLITION PLAN**

SURVEY	JAS	CHECKED	DATE	05/13/05	SHEET	C3
DESIGN	MRQ	APPROVED	REVISED			
DRAWN	JMW/JSD	JOB NO.	SAR0015-30189			OF

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GENERAL NOTES NOTES PERTAIN TO BOTH CONTRACTS UNLESS NOTED BY ONLY ONE CONTRACT.

SPECIFICATION: -STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS" ADOPTED JANUARY, 1985
 -STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002.
 -STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, MAY 1996 ED.

CONSTRUCTION OF ALL SITE PIPING AND UTILITY WORK SHALL PROCEED IN A MANNER THAT ELIMINATES CONFLICTS. WHERE CONFLICTS OCCUR BETWEEN UTILITIES, NON-GRADED LINES SHALL BE LOWERED OR RAISED TO AVOID GRADED LINES, AS LONG AS MINIMUM COVER IS MAINTAINED.

EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE OWNER & MUST BE CONSIDERED APPROXIMATE. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CONTACT J.U.L.I.E., ALL UTILITY COMPANIES, & THE USING AGENCY.

CONTRACTOR SHALL PERFORM HIS WORK IN A MANNER WHICH WILL NOT DAMAGE ANY UTILITY LINES. IF THE CONTRACTOR DAMAGES A UTILITY LINE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE LINE REPAIRED TO THE SATISFACTION OF THE USING AGENCY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR THE REPAIR COST.

ALL ELEVATIONS SHOWN ARE TO THE TOP OF PAVEMENT/FINISHED GRADE UNLESS OTHERWISE NOTED.

SEED, FERTILIZE, AND MULCH ALL NON-PAVED OR NON-BUILDING AREAS THAT HAVE BEEN DISTURBED. THE TOP 4" OF ALL AREAS TO BE SEEDED SHALL BE TOPSOIL. ~ SITE CONTRACTOR

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. EACH CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

SEE STRUCTURAL DRAWINGS FOR JOINTING OF CONCRETE FLOOR SLAB. ~ "CONTRACT A"

ALL WORK SHALL BE ON AIRPORT PROPERTY AND CONFINED TO LIMITS OF CONSTRUCTION.

SEE ELECTRICAL DRAWINGS FOR ADDITIONAL SITE UTILITIES, LIGHTING DETAILS AND ELECTRICAL SERVICE TO NEW FACILITY.

LAYOUT OF NEW T-HANGAR BUILDING AS REQUIRED FROM THE BASIC CONTROLS PROVIDED IN THESE DRAWINGS IS THE RESPONSIBILITY OF THE CONTRACTOR ~ CONTRACT "A".

ALL SITE PAVING, GRADING AND STORM SEWER LAYOUT SHALL BE BY THE ENGINEER. ~ SITE CONTRACTOR

EACH CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNER(S) ANY TIME EXISTING UTILITIES ARE AFFECTED, AND TO DISCUSS PROCEDURE OF WORK.

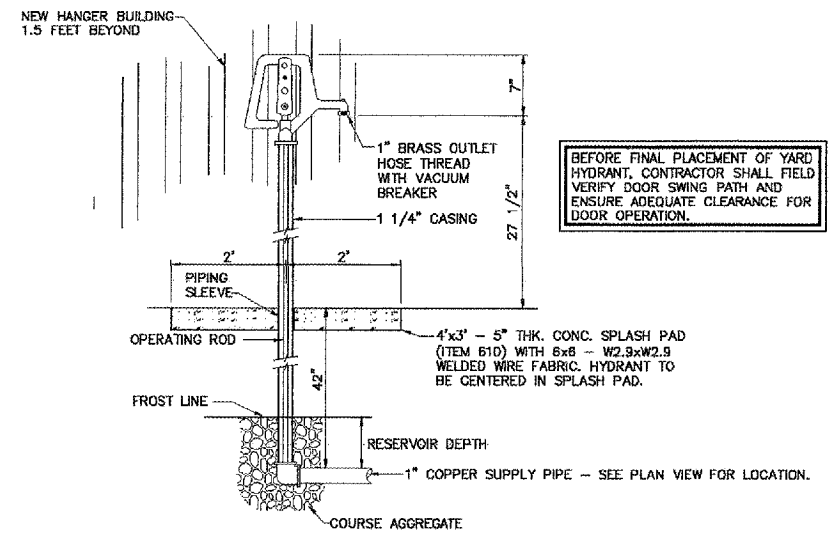
IN AREAS WHERE EXISTING TOPSOIL IS UNDER OR WITHIN 5' OF NEW BUILDING, CONTRACTOR SHALL REMOVE TOPSOIL, MIN. 4". EXCAVATED TOPSOIL TO BE STOCKPILED ON SITE FOR FUTURE USE BY SITE CONTRACTOR. ~ CONTRACT "A"

IN AREAS WHERE EXISTING TOPSOIL IS UNDER NEW PAVEMENT, CONTRACTOR SHALL REMOVE TOPSOIL, MIN. 4". EXCAVATED TOPSOIL TO BE STOCKPILED ON SITE AND UTILIZED FOR EMBANKMENT IN NON-PAVED AND/OR NON-BUILDING AREAS. REMOVE ALL EXCESS TOPSOIL. ~ SITE CONTRACTOR.

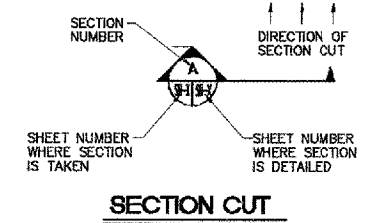
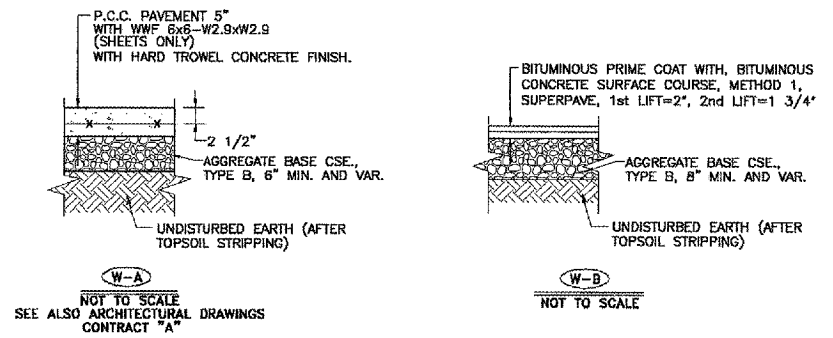
USE GRANULAR BACKFILL OF UTILITIES UNDER PAVED OR BUILDING AREAS, BOTH CONTRACTS. FOR SITE IMPROVEMENTS PROJECT, GRANULAR BACKFILL SHALL BE INCIDENTAL TO WATER LINE.

ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM SUBSTANTIAL COMPLETION.

FOR EARTHWORK AND AGGREGATE BASE WORK, ALL COMPACTION CONTROL TESTS SHALL BE FOR AIRCRAFTS WEIGHING LESS THAN 60,000 LBS.



BEFORE FINAL PLACEMENT OF YARD HYDRANT, CONTRACTOR SHALL FIELD VERIFY DOOR SWING PATH AND ENSURE ADEQUATE CLEARANCE FOR DOOR OPERATION.



CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETION OF ALL WORK EXCEPT AS NOTED CONTRACT "A". ALL CONTRACT "A" WORK SHALL BE COMPLETED BY OTHERS.

ILLINOIS PROJECT: SLO-3484
AIP PROJECT NO: 3-17-0089-B9

2524 South Broadway
Salem, Illinois 62881
PH(618)548-3500
FAX(618)548-3245
IL Design Firm Registration
No. 184-001516

**SITE WORK FOR T-HANGAR
SALEM LECKRONE AIRPORT
SALEM, ILLINOIS**

**TYPICAL SECTIONS
AND MISCELLANEOUS
DETAILS**

DESIGN	JAS	CHECKED	DATE	06/15/05	SHEET
DRAWN	MRO	APPROVED	REVISED		C4
	JMW/JSD				OF

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HORIZONTAL & VERTICAL CONTROL DATA

POINT	DESCRIPTION	N. COOR.	E. COOR.	ELEV.
HVC#1	IRON PIN	13413.51	10030.74	568.47
HVC#2	USCS BM A156, BRASS CAP IN CONC. PAD	13825.21	10053.70	569.03

LEGEND

	EXISTING SURFACE DRAINAGE
	EXISTING CREEK
	NEW DITCH FLOWLINE
	NEW TEMPORARY DITCH CHECK
	NEW PERIMETER EROSION BARRIER

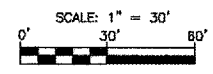
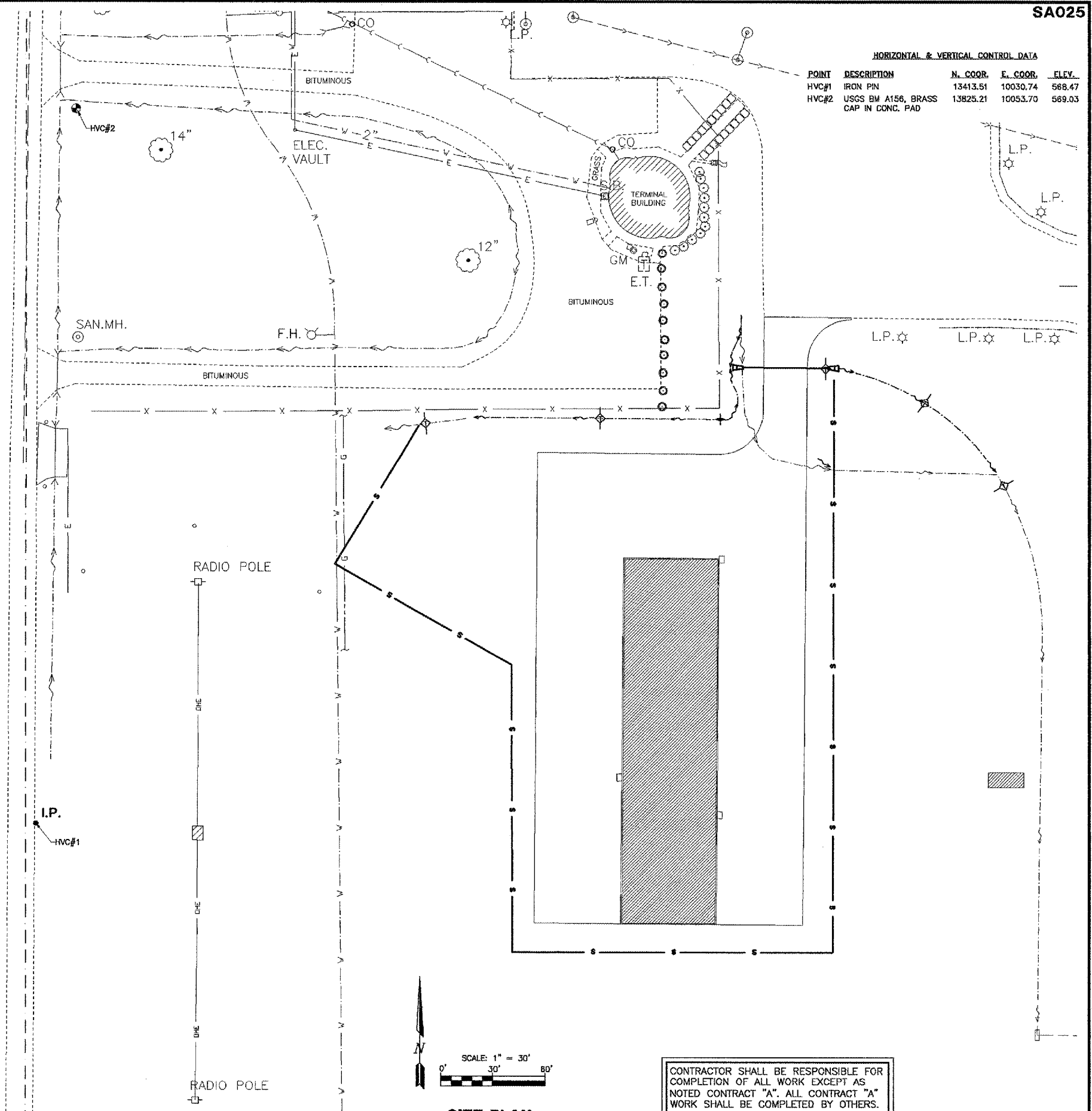
NOTES

PERIMETER EROSION BARRIER AND TEMPORARY DITCH CHECKS SHALL BE PROVIDED, CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH IDOT STANDARD 280001-02 AND SECTION 280 OF I.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

CONTRACTOR WILL BE REQUIRED TO SUBMIT CERTIFICATION STATEMENT FOR NPDES. FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.

CONTRACTOR SHALL PROVIDE AND MAINTAIN PERIMETER EROSION BARRIER AT FILL LOCATIONS WHERE SITE DRAINAGE EXITS PROJECT LIMITS.

SEE SHEET C3 FOR ADDITIONAL STORM SEWER AND UNDERGROUND UTILITY INFORMATION.



CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETION OF ALL WORK EXCEPT AS NOTED CONTRACT "A". ALL CONTRACT "A" WORK SHALL BE COMPLETED BY OTHERS.

ILLINOIS PROJECT: SLO-3484
AIP PROJECT NO: 3-17-0089-B9

SITE PLAN



2524 South Broadway
Salem, Illinois 62881
PH (618) 548-3500
FAX (618) 548-5248
Ill. Design Firm Registration
192-00174

**SITE WORK FOR T-HANGAR
SALEM LECKRONE AIRPORT
SALEM, ILLINOIS**

**EROSION CONTROL
PLAN**

SURVEY	JAS	CHECKED	DATE	05/13/05	SHEET
DESIGN	MRO	APPROVED	REVISED		C5
DRAWN			JOB NO.		

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