

1A.

IDOT LETTING DATE: APRIL 25, 2008

ITEM NO. 01A

CONTRACT NO. LK005  
TOTAL SHEETS = 120

FOR-BID CONSTRUCTION PLANS

# PLANS FOR PROPOSED RELOCATION OF PYOTT ROAD PHASE I, GRADING AND DRAINAGE

VILLAGE OF LAKE IN THE HILLS  
MCHENRY COUNTY, ILLINOIS

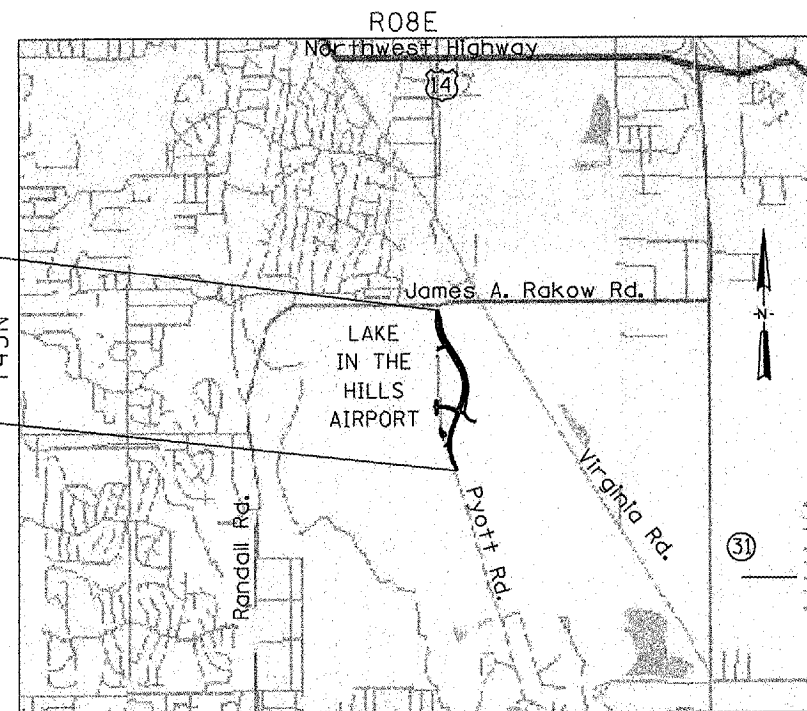
AIP PROJECT NO. 3-17-0112-B8  
IDA PROJECT NO. 3CK-3671



LOCATION OF SECTION INDICATED THUS: - [shaded area] -

INDEX OF SHEETS

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ALGONQUIN TOWNSHIP  
LOCATION MAP

N. T. S.

GROSS AND NET LENGTH OF PROJECT = 3660 FT

PYOTT ROAD  
END IMPROVEMENT  
STA. 47+30

PYOTT ROAD  
BEGIN IMPROVEMENT  
STA. 10+70

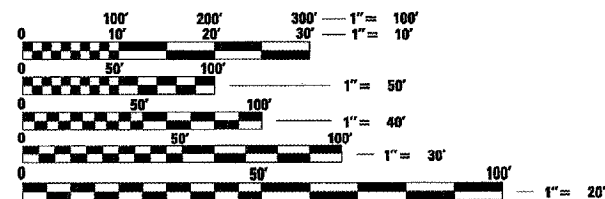
TRAFFIC DATA

PYOTT ROAD: 2005 ADT = 12,100

POSTED SPEED LIMIT:

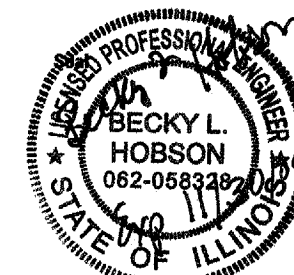
PYOTT ROAD = 45 MPH  
ENTRANCE ROADS = 15 MPH

DESIGN SPEED:  
PYOTT ROAD = 50 MPH



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811



Date of Plans

FEBRUARY 29, 2008

Becky L. Hobson, P.E.

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# GENERAL NOTES

THE REVIEW AND APPROVAL OF THESE FINAL ENGINEERING PLANS BY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT DOES NOT CONSTITUTE A RELEASE FROM OR A GRANT OF VARIATION FROM THE STANDARDS AND SPECIFICATIONS REQUIRED BY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT. THE DEVELOPER, THE DEVELOPER'S DESIGNATED REPRESENTATIVES AND/OR ALL SUCCESSORS AND ASSIGNS SHALL BE SOLELY RESPONSIBLE FOR ALL WORK AND IMPROVEMENTS WITHIN THE LIMITS OF THE COUNTY HIGHWAY AND CONSERVATION DISTRICT RIGHTS-OF-WAY. ALL WORK AND MATERIALS NECESSARY TO CONSTRUCT HIGHWAY, DRAINAGE AND ACCESS FACILITIES WITHIN THE LIMITS OF THE COUNTY HIGHWAY AND CONSERVATION DISTRICT RIGHTS-OF-WAY SHALL BE IN CONFORMANCE WITH THE PROVISIONS AND REQUIREMENTS OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT UNLESS OTHERWISE SPECIFIED AND APPROVED AS A WRITTEN CONDITION OF THE PERMIT.

- THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.
- THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT SHALL NOT BE HELD LIABLE FOR ANY ERRORS OR OMISSIONS IN THE ENGINEERING PLANS AND SPECIFICATIONS OR FOR ANY ADDITIONAL WORK WHICH MAYBE NEEDED DUE TO ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS
- THE PERMITTEE SHALL BE RESPONSIBLE FOR ANY ADDITIONAL WORK, AND ALL COST THEREOF, REQUIRED BECAUSE OF ERRORS OR OMISSIONS IN THESE ENGINEERING PLANS AND SPECIFICATIONS AND FOR THE CORRECTION OF ANY CONSTRUCTION, MAINTENANCE, OR SAFETY PROBLEMS WHICH BECOME APPARENT DURING CONSTRUCTION OR THROUGH INSPECTIONS MADE BY THE DEVELOPER'S ENGINEER, THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND THE MCHENRY COUNTY CONSERVATION DISTRICT.
- THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR ESTABLISHING THE PROPER LINE AND GRADES FOR ALL CONSTRUCTION WORK INCLUDING EARTHWORK, PAVING, CURBING AND DRAINAGE. THE DEVELOPER'S ENGINEER SHALL ALSO BE RESPONSIBLE FOR ALL OTHER ENGINEERING WORK INCLUDING INSPECTIONS AND ANY TESTING REQUIRED BY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT. AN INSPECTOR, AS PROVIDED OR APPROVED BY THE DEVELOPER'S ENGINEER, SHALL BE PRESENT DURING CRITICAL PHASES OF THE CONSTRUCTION WORK.
- THE DEVELOPER'S ENGINEER SHALL NOTE ANY CHANGES FROM THESE ENGINEERING PLANS AND SHALL NOTIFY THE MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT IMMEDIATELY OF ANY CHANGES THAT DEVIATE FROM THE INTENT OF THE ENGINEERING PLANS SUCH AS CHANGES IN DRAINAGE, GEOMETRICS OR GRADING.
- THE MCHENRY COUNTY DIVISION OF TRANSPORTATION (815-334-4972) AND MCHENRY COUNTY CONSERVATION DISTRICT SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO THE START OF ANY WORK WITHIN THE COUNTY HIGHWAY AND CONSERVATION DISTRICT RIGHTS-OF-WAY. ALL PRAIRIE PATH CLOSURES SHALL BE LIMITED TO 48 HOURS.
- UPON COMPLETION OF THE WORK WITHIN THE COUNTY HIGHWAY AND CONSERVATION DISTRICT RIGHTS-OF-WAY THE REGISTERED PROFESSIONAL ENGINEER, WHO IS ACTING AS THE RESIDENT ENGINEER, SHALL SUBMIT TO THE PERMIT MANAGER OF THE MCHENRY COUNTY DIVISION OF TRANSPORTATION, A WRITTEN REQUEST FOR A FINAL INSPECTION AND WRITTEN CERTIFICATION THAT IMPROVEMENTS MEET THE REQUIREMENTS OF THE PERMIT, MCHENRY COUNTY DIVISION OF TRANSPORTATION AND THE MCHENRY COUNTY CONSERVATION DISTRICT.
- 10 FT (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
- WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AIRCRAFT AND ADJOINING RESIDENTIAL AREAS.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SANDBAGS PER BARRICADE.

- THE REMOVAL OF EXISTING ENTRANCE CULVERTS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- BEFORE ORDERING STORM SEWERS, CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, AND MANHOLES, THE CONTRACTOR SHALL CONTACT THE ENGINEER AS TO THE EXACT LENGTH AND QUANTITY REQUIRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- BEFORE STARTING ANY CONSTRUCTION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800)-892-0123 FOR FIELD LOCATIONS OF EXISTING UTILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- IF NECESSARY, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- LOCATIONS OF UTILITIES ARE FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY LOCATION WITH THE UTILITY COMPANIES OR MAKE EXPLORATORY EXCAVATION WHERE NECESSARY TO VERIFY LOCATIONS. ANY TRENCH EXPLORATION, COST OF DELAYS, GRADE CHANGES, ETC., DUE TO UNDERGROUND UTILITIES IS TO BE CONSIDERED INCIDENTAL TO PRICE BID FOR CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING AND NEW UTILITIES BY METHODS APPROVED BY THE STATE. HE SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY TO PREVENT SETTLEMENT, DISPLACEMENT, OR CHANGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT THE COST THEREOF SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR REQUIRED TRAFFIC CONTROL AND PROTECTION AS REQUIRED BY MCHENRY COUNTY DIVISION OF TRANSPORTATION AND MCHENRY COUNTY CONSERVATION DISTRICT.
- CARE SHALL BE TAKEN TO PREVENT DAMAGE TO ADJACENT PROPERTY AND STRUCTURES OUTSIDE THE LIMITS OF CONSTRUCTION. ANY DAMAGE CAUSED BY THE CONTRACTOR OR HIS REPRESENTATIVES SHALL BE REPAIRED AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING RESIDENTS AND SCHEDULING REPAIR WORK.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR IS REQUIRED TO PROVIDE ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVES THROUGHOUT PROJECT DURATION. THE CONTRACTOR IS RESPONSIBLE FOR GIVING AT LEAST 24 HOURS NOTICE TO RESIDENTS WHEN CONSTRUCTION WILL (OR POTENTIALLY WILL) AFFECT RESIDENT DUE TO CONSTRUCTION BEING PERFORMED.
- NO DRIVEWAY SHALL REMAIN CLOSED FOR MORE THAN ONE DAY. TEMPORARY GRAVEL OR CRUSHED STONE SHALL BE PLACED IN THE DRIVEWAY UNTIL THE PERMANENT RESTORATION IS COMPLETED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR SEPARATELY UNDER THE CONTRACT PAY ITEM OF TEMPORARY ACCESS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO REOPEN ANY DRIVEWAY IMPACTED BY CONSTRUCTION AS SOON AS POSSIBLE.
- NO STOCKPILING OF MATERIAL ON THE JOB SITE IS PERMITTED EXCEPT AS AUTHORIZED BY THE RESIDENT ENGINEER..
- THE CONTRACTOR SHALL ADJUST PROPOSED UTILITY LOCATIONS AND GRADES, AS DIRECTED BY THE ENGINEER, MCHENRY COUNTY DOT, AND MCHENRY COUNTY CONSERVATION DISTRICT IF A UTILITY CONFLICT EXISTS, TO A LOCATION OR GRADE TO BE DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL MATERIALS AND DEBRIS AS DEFINED IN THE CONTRACT DOCUMENTS, PRIOR TO THE END OF EACH WORKING DAY. THE CLEAN-UP WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED SUBGRADES. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED SUBGRADE ELEVATIONS SHALL REMAIN WITH THE CONTRACTOR.
- ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- THE CONTRACTOR SHALL WORK WITHIN THE DESIGNATED ROW OR THE LANDS OWNED BY THE VILLAGE OF LAKE IN THE HILLS.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE PRAIRIE BICYCLE PATH AT CROSSINGS AND MAINTAINING THE PATH DURING CONSTRUCTION. PROPER SIGNAGE SHALL BE USED AT ALL TIMES TO ENSURE THE SAFETY OF PATH USERS.
- FINAL GRADE INFORMATION PROVIDED ON TYPICALS FOR INFORMATION ONLY. PAVING OF ROADWAY NOT INCLUDED IN THIS CONTRACT.

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LEGEND	
TRANSPORTATION SURFACE	NGS HORIZONTAL CONTROL STATION (TARGETED) (FIELD)
RAILROAD	NGS GARFIELD ELEV 674.15
ABANDONED RAILROAD	TH-9301 T-541.78
GUARD RAIL	GLOBAL POSITIONING SYSTEM (TARGETED) (FIELD)
GUARD POST	GH-9201 T-787.04
SINGLE POST SIGN	H-9001 T-787.04
POWER LINE	HORIZONTAL PICTURE TIE (TARGETED) (FIELD)
TELEPHONE OR TELEGRAPH	HORIZONTAL PICTURE TIE (POST CONTROL) (FIELD)
LIGHT STANDARD	HPT-9340 T-787.04
TRAFFIC SIGNAL	VERTICAL PICTURE TIE (FIELD)
FIRE HYDRANT	T-675.34
MANHOLE	PP-5
INLET	PRINCIPAL POINT
CULVERT	
DISAPPEARING CULVERT	VEGETATION OUTLINE
DITCH CHECK	SINGLE TREE OR BUSH
DITCH-STREAM-SHORELINE	STUMP
DISAPPEARING DITCH	FENCE
MARSH	BUILDINGS
RIGHT OF WAY MARKER	MAILBOX
ABOVE GROUND SPLICE BOX	
HANDHOLE	
LOCATED OBJECT	

FILE NAME = I:\05Jobs\00941\050802\1\civil1 Part A\Sheet\NC-GEN-NOTES.SHT	USER NAME = blain01219	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>GENERAL NOTES</b>	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 2.0000' / 1"	DRAWN - CBP	REVISED -			MCHENRY	120	2
	PLOT DATE = 02/27/2008, 09:16 AM	CHECKED - BLB	REVISED -			FEDERAL AIP NO. 3-17-0112-BB	ILLINOIS	IDA NO. 30K-3671
		DATE - 02/29/08	REVISED -					

# SUMMARY OF QUANTITIES

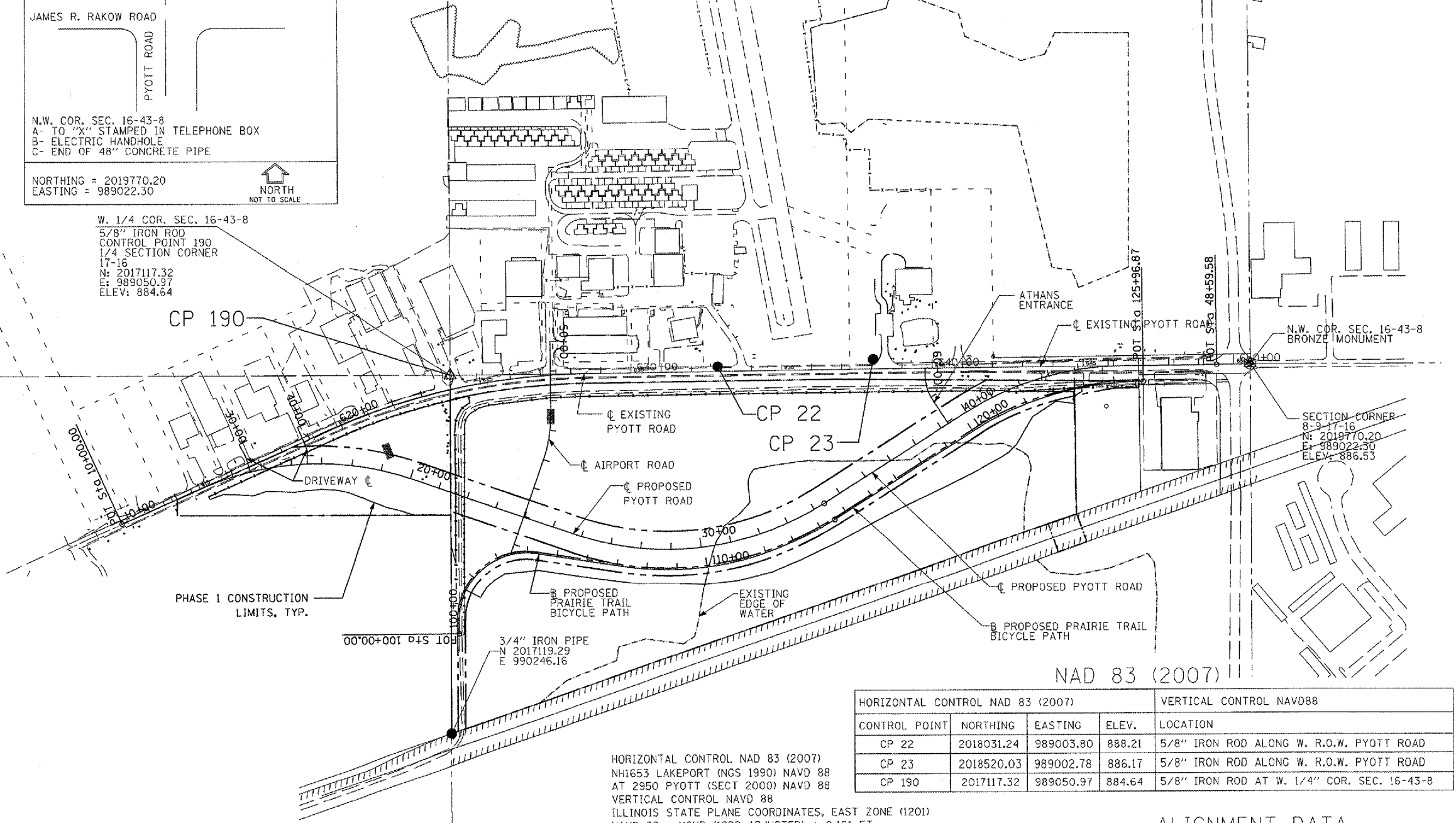
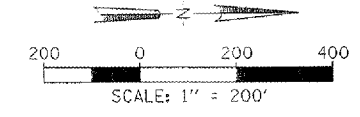
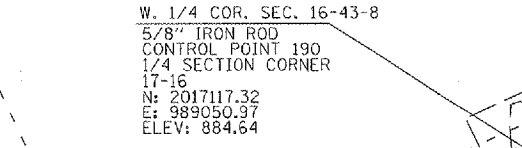
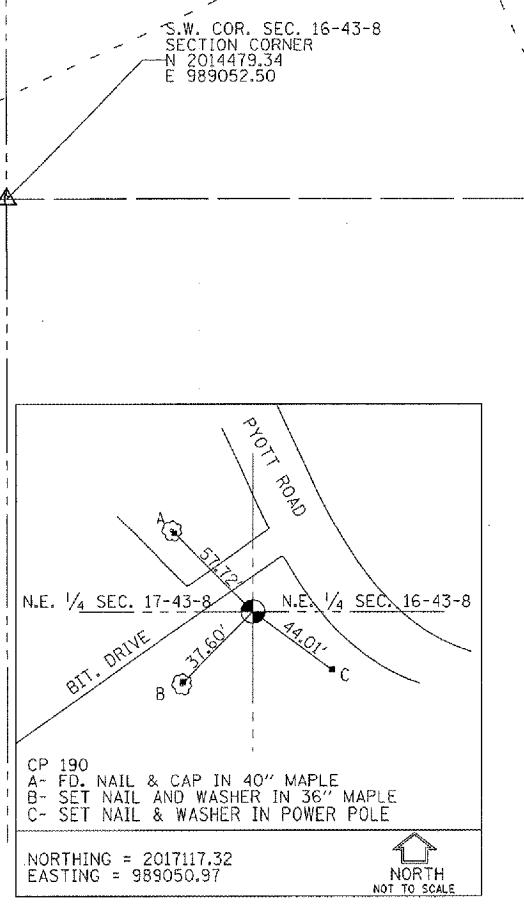
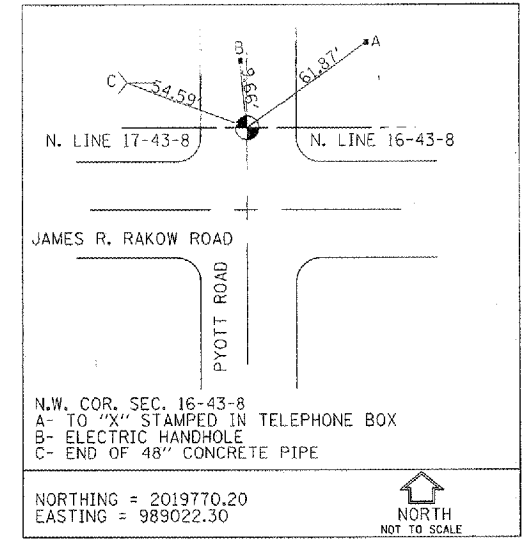
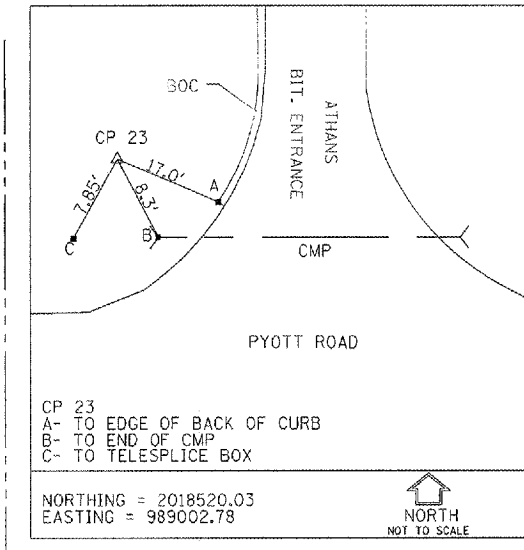
Item Number	Item Description	Unit of Measure	Quantity
AR110502	2-WAY CONCRETE ENCASED DUCT	LINEAR FOOT	108.0
AR110504	4-WAY CONCRETE ENCASED DUCT	LINEAR FOOT	125.0
AR150510	ENGINEER'S FIELD OFFICE	LUMP SUM	1.0
AR150530	TRAFFIC MAINTENANCE	LUMP SUM	1.0
AR152410	UNCLASSIFIED EXCAVATION	CUBIC YARD	80,700.0
AR152442	OFFSITE BORROW EXCAVATION	CUBIC YARD	57,280.0
AR152460	TOPSOIL STRIPPING	CUBIC YARD	43,400.0
AR156510	SILT FENCE	LINEAR FOOT	6,337.0
AR156511	DITCH CHECK	EACH	29.0
AR156544	RIPRAP - GRADATION NO. 4	SQUARE YARD	508.0
AR163000	TEMPORARY CONSTRUCTION FENCE	LINEAR FOOT	2,010.0
AR701224	24" CMP	LINEAR FOOT	167.0
AR701512	12" RCP, CLASS IV	LINEAR FOOT	352.1
AR701515	15" RCP, CLASS IV	LINEAR FOOT	38.0
AR701518	18" RCP, CLASS IV	LINEAR FOOT	280.0
AR751540	MANHOLE 4'	EACH	4.0
AR752412	PRECAST REINFORCED CONC. FES 12"	EACH	5.0
AR752415	PRECAST REINFORCED CONC. FES 15"	EACH	3.0
AR752418	PRECAST REINFORCED CONC. FES 18"	EACH	2.0
AR752512	GRATING FOR CONC. FES 12"	EACH	5.0
AR752515	GRATING FOR CONC. FES 15"	EACH	3.0
AR752518	GRATING FOR CONC. FES 18"	EACH	2.0
AR803001	OUTLET WEIR	LUMP SUM	1.0
AR803002	SEEDING - MIXTURE 2A	ACRE	4.3
AR803003	SEEDING, NATIVE MIX	ACRE	3.8
AR803004	CLEARING TREE 0-6" DBH	EACH	16.0
AR803005	CLEARING TREE 6"-15" DBH	EACH	6.0
AR803006	CLEARING TREE OVER 15" DBH	EACH	7.0
AR803007	STUMP REMOVAL 0-6" DBH	EACH	16.0
AR803008	STUMP REMOVAL 6"-15" DBH	EACH	6.0
AR803009	STUMP REMOVAL OVER 15" DBH	EACH	7.0
AR803010	OVERFLOW SPILLWAY	LUMP SUM	1.0
AR803011	INLET - SPECIAL	EACH	2.0
AR803012	TEMPORARY DITCHES	EACH	14.0
AR803013	EROSION MAT - DITCH BOTTOM	SQUARE YARD	1,115.0
AR803014	CONCRETE CABLE BOTTOM	SQUARE YARD	611.0
AR803015	TEMPORARY PAVEMENT	SQUARE YARD	34.0
AR803016	FILL SAND	TON	84,920.0
AR803017	CONSTRUCTION ENTRANCE	EACH	2.0
AR803018	CONSERVATION COVER	ACRE	13.3
AR803020	REMOVE CLASS C FENCE	LINEAR FOOT	240.0
AR905510	TOPSOILING (FROM ON-SITE)	CUBIC YARD	11,600.0
AR908510	MULCHING	ACRE	21.4

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FILE NAME =	USER NAME = Blair@1219	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>SUMMARY OF QUANTITIES</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\0508021\Civil Part A\Sheet	ss\NC-SUM-QUANT.SHT	DRAWN - CBP	REVISED -			MCHENRY	120	3
PLOT SCALE = 2.0000' / 1"	CHECKED - BLB	REVISED -	SCALE:			FEDERAL AIP NO. 3-17-0112-BB	ILLINOIS	IDA NO. 30K-3671
PLOT DATE = 02/27/2008, 09:16 AM	DATE - 02/29/08	REVISED -						

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HORIZONTAL CONTROL NAD 83 (2007)  
 NH1653 LAKEPORT (NGS 1990) NAVD 88  
 AT 2950 PYOTT (SECT 2000) NAVD 88  
 VERTICAL CONTROL NAVD 88  
 ILLINOIS STATE PLANE COORDINATES, EAST ZONE (1201)  
 NAVD 88 = NGVD (1929 ADJUSTED) + 0.161 FT

HORIZONTAL CONTROL NAD 83 (2007)				VERTICAL CONTROL NAVD88	
CONTROL POINT	NORTHING	EASTING	ELEV.	LOCATION	
CP 22	2018031.24	989003.80	888.21	5/8" IRON ROD ALONG W. R.O.W. PYOTT ROAD	
CP 23	2018520.03	989002.78	886.17	5/8" IRON ROD ALONG W. R.O.W. PYOTT ROAD	
CP 190	2017117.32	989050.97	884.64	5/8" IRON ROD AT W. 1/4" COR. SEC. 16-43-8	

ALIGNMENT DATA

DESCRIPTION	STATION	NORTHING	EASTING
EXISTING PYOTT ROAD	BEGIN 612+13.99	2,016,024.59	989,546.90
	END 650+54.01	2,019,770.20	989,022.30
PROPOSED PYOTT ROAD	BEGIN 10+00.00	2,016,026.14	989,546.24
	END 48+59.58	2,019,658.58	989,024.38
ATHANS ENTRANCE	BEGIN 60+00.00	2,018,692.92	989,034.23
	END 62+06.18	2,018,768.18	989,220.62
DRIVEWAY 30+00	BEGIN 30+00.00	2,016,414.78	989,280.37
	END 31+00.00	2,016,450.70	989,373.05
DRIVEWAY 40+00	BEGIN 40+00.00	2,016,608.97	989,225.04
	END 41+27.99	2,016,641.86	989,346.67
PROPOSED PRAIRIE BICYCLE PATH PGL	BEGIN 100+00.00	2,017,145.52	989,914.21
	END 125+96.87	2,019,414.36	989,080.73

- ALIGNMENT NOTES
- CURVE DATA AND TABLES ON PLAN AND PROFILE SHEETS.
  - EXISTING PYOTT ROAD IS BASED ON BEST INTERPRETATION OF PYOTT ROAD PLANS DATED JULY 8, 1958.
  - PROPOSED PYOTT ROAD MEETS EXISTING PYOTT ROAD AT BEST FIT BASED ON SURVEY.
  - SEE GENERAL NOTES SHEET FOR LEGEND.
  - PROPOSED ROADWAY AND ALIGNMENTS SHOWN FOR INFORMATION ONLY.

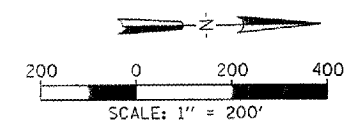
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PLOT DATE = 02/28/2008, 09:30 AM	DATE = 02/29/08	REVISED =	REVISED =

VILLAGE OF LAKE IN THE HILLS, ILLINOIS

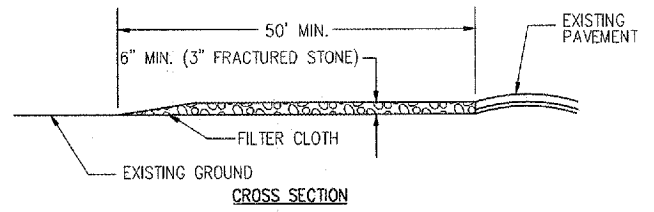
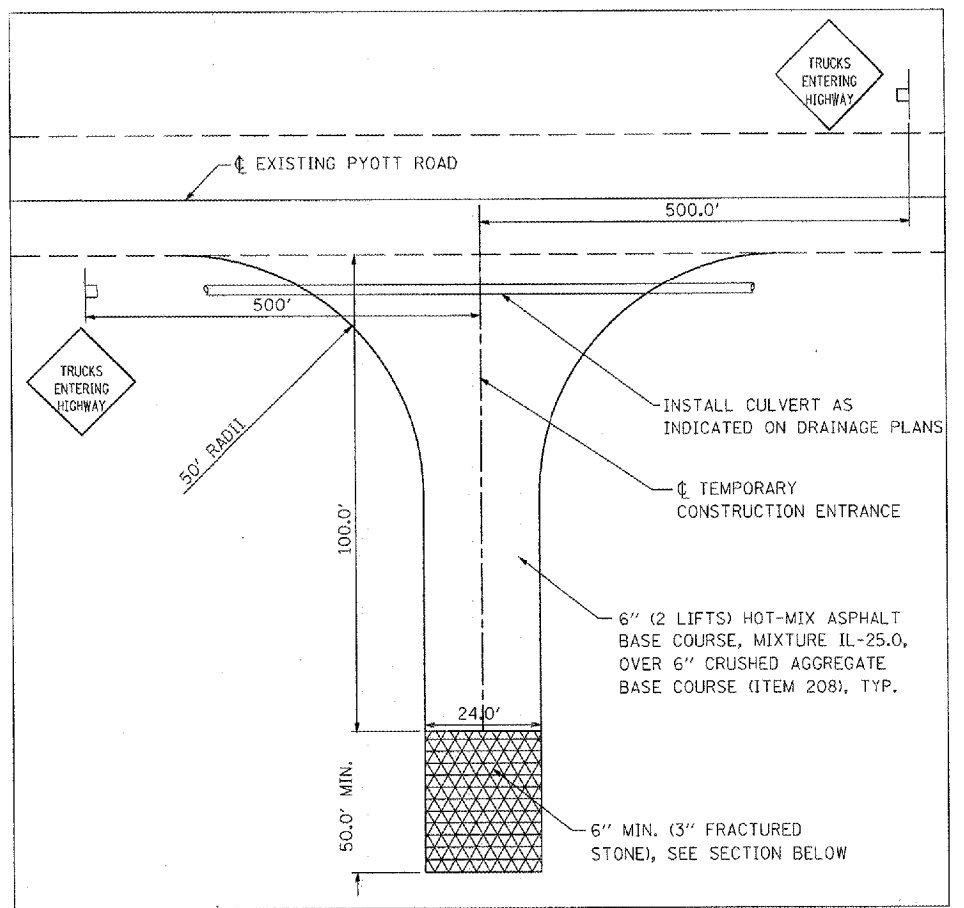
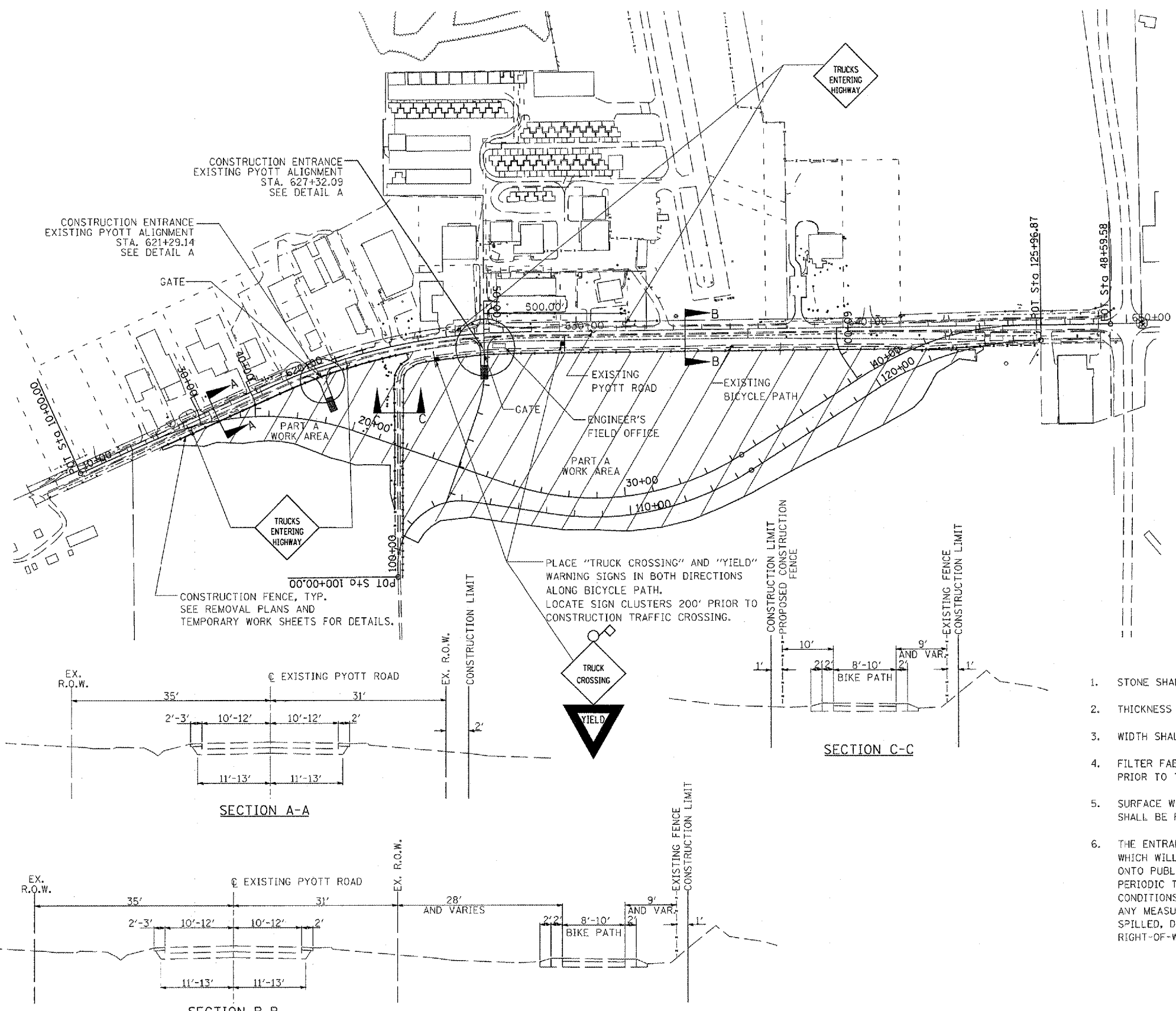
ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1"=200'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	4
FEDERAL AIP NO. 3-17-012-88 ILLINOIS IDA NO. 3CK-3571		



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1. STONE SHALL BE 3" FRACTURED STONE.
2. THICKNESS SHALL NOT BE LESS THAN SIX INCHES.
3. WIDTH SHALL BE THE MINIMUM WIDTH OF THE ENTRANCE.
4. FILTER FABRIC SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
5. SURFACE WATER FLOWING OR DIVERTED TOWARD ENTRANCE SHALL BE PIPED ACROSS THE ENTRANCE.
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMANDS AND REPAIR AND/OR CLEAN OUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
7. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
8. PERIODIC INSPECTION SHALL BE PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
9. ENTRANCE SHALL BE REMOVED AT PROJECT END AND SITE RESTORED TO THE SATISFACTION OF THE RESIDENT ENGINEER.
10. COST OF INSTALLING, MAINTAINING, REMOVING AND RESTORING ENTRANCE SHALL BE INCIDENTAL TO THE CONTRACT.
11. THE CONSTRUCTION ENTRANCE IS NOT MEANT TO SERVE AS A PERMANENT ACCESS DRIVEWAY.

**TEMPORARY CONSTRUCTION ENTRANCE**

PAID UNDER ITEM AR803017

FILE NAME =	USER NAME = McLa010958	DESIGNED - CBP	REVISED -
J:\05\Jobs\00841\0589021\Civil Part A\Sheet\05-C-SITEPLAN.dwg		DRAWN - CBP	REVISED -
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PLOT DATE = 02/28/2008, 08:39 AM		DATE - 02/29/08	REVISED -

**VILLAGE OF LAKE IN THE HILLS, ILLINOIS**

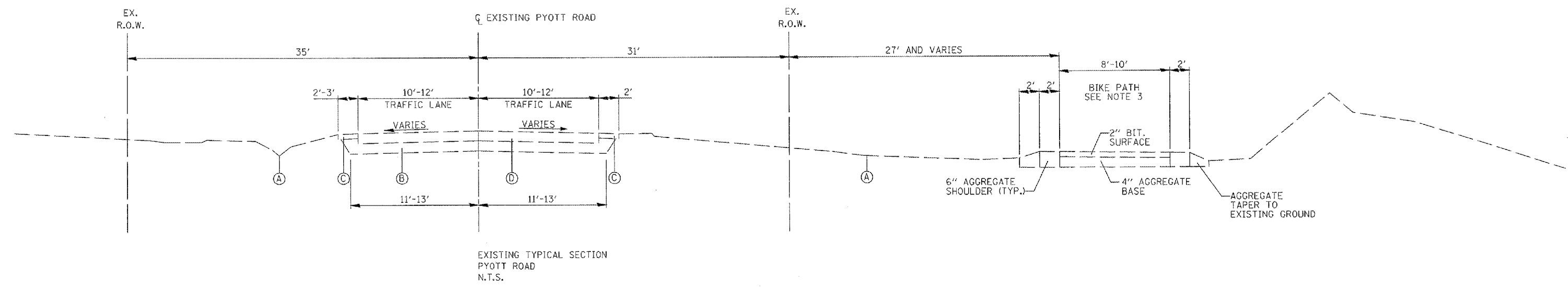
**SITE PLAN PYOTT ROAD**

SCALE: 1"=200'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	5

FEDERAL AIP NO. 3-17-0112-88 ILLINOIS IDA NO. 3CX-3671

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EXISTING TYPICAL SECTION  
 PYOTT ROAD  
 N.T.S.

**NOTES:**

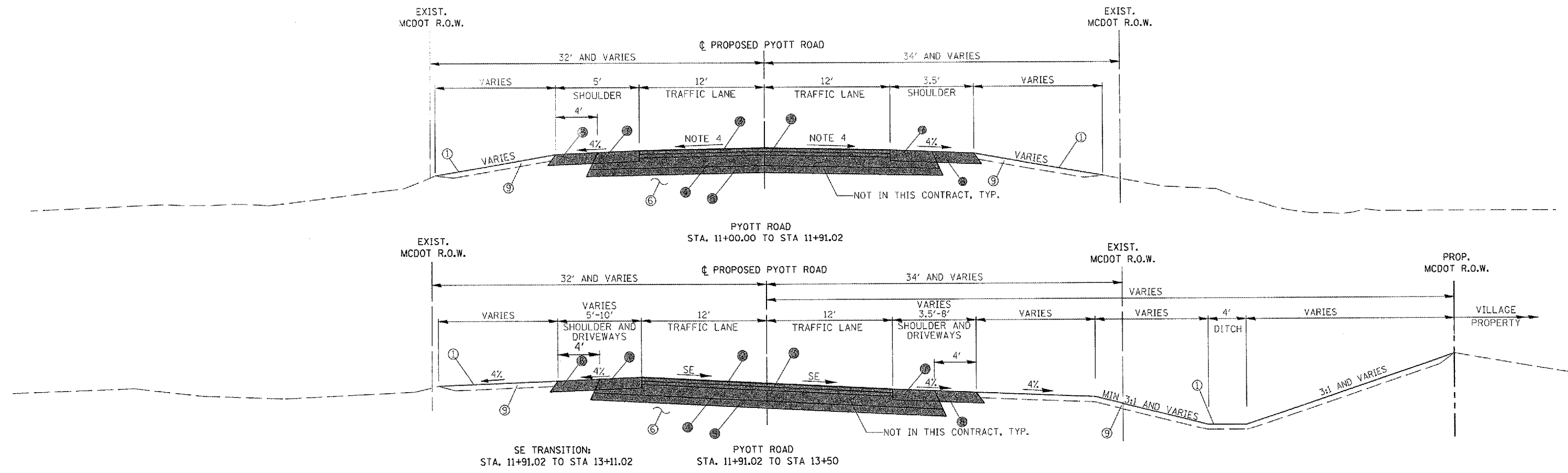
1. PYOTT ROAD WIDENED FROM 20' TO 24' ON THE EAST SIDE. THE CENTERLINE OF THE ROADWAY IS NOT THE CENTER OF THE RIGHT-OF-WAY.
2. EXISTING ROAD SECTION BASED ON ORIGINAL PYOTT ROAD DESIGN PLANS FROM 1958, STATE OF ILLINOIS DEPARTMENT OF PUBLIC WORKS AND BUILDINGS DIVISION OF HIGHWAYS PROJECT S-1058(I). IT IS POSSIBLE IMPROVEMENTS HAVE BEEN MADE TO PROJECT AREA SINCE ORIGINAL CONSTRUCTION, HOWEVER DESIGN PLANS PORTRAYING CHANGES COULD NOT BE LOCATED.
3. BICYCLE PATH SECTION BASED ON EXHIBIT (E) IN THE EXISTING SETTLEMENT AGREEMENT BETWEEN MEYER MATERIAL, MEYER'S LAND TRUST, MCHENRY COUNTY AND THE MCHENRY COUNTY CONSERVATION DISTRICT DATED MAY 18, 1993.

**EXISTING LEGEND**

- (A) EXISTING GROUND
- (B) MIN. 10" COMPACTED GRAVEL
- (C) EXISTING AGGREGATE SHOULDER
- (D) EXISTING BITUMINOUS SURFACE SUBCLASS B-4, 3" COMPACTED

FILE NAME =	USER NAME = B1eap01219	DESIGNED - DSY	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>EXISTING TYPICAL SECTIONS PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\0084\0588021\Civil Part A\Sheet\NC-001TYP.aht	DRAWN - DSY	REVISED -	MCHENRY			120	6	
PLOT SCALE = 2.0000' / 1"	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-0112-88			ILLINOIS	IDA NO. 3CX-3671	
PLOT DATE = 02/27/2008, 08:34 AM	DATE - 02/29/08	REVISED -						

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STRUCTURAL DESIGN TRAFFIC: YEAR <u>2028</u>	
PV = <u>12772</u>	SU = <u>144</u> MU = <u>84</u>
ROAD/STREET CLASSIFICATION CLASS = <u>II</u>	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = <u>50</u>	S = <u>50</u> M = <u>50</u>
TRAFFIC FACTOR: ACTUAL TF = <u>0.503</u> AC TYPE = _____	
MINIMUM TF = <u>0.5</u>	
PC GRADE: BINDER = <u>PG 64-22</u> SURFACE = <u>PG 64-22</u>	
SUBGRADE SUPPORT RATING:	
SSR = <u>POOR</u>	

	MIXTURE USE	AC TYPE	AIR VOIDS (%)
ROADWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"	PG 64-22	4% @ 70 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL-19, N70, 2.25"	PG 64-22	4% @ 70 GYR.
	HOT-MIX ASPHALT BASE COURSE 8"	PG 58-22	2% @ 50 GYR.
DRIVEWAYS C.E. & P.E.	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"	PG 64-22	4% @ 50 GYR.
	HOT-MIX ASPHALT BASE COURSE, 8"	PG 58-22	2% @ 50 GYR.
SHOULDERS	HOT-MIX ASPHALT SHOULDERS, 8"	PG 58-22	2% @ 30 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

**NOTES:**

- WHEN SUPERELEVATION DIRECTION IS OPPOSITE TYPICAL, RIGHT AND LEFT SHOULDERS SHALL BE REVERSED ACCORDINGLY.
- CENTER TURN LANE:  
 TRANSITION FROM 0' TO 12' -  
 STA. 19+03.76 TO STA. 21+23.76  
 STA. 34+46.24 TO STA. 36+25.94  
 STA. 44+24.42 TO STA. 46+04.58  
 12' -  
 STA. 21+23.76 TO STA. 22+99.65  
 STA. 36+25.94 TO STA. 38+76.24  
 STA. 46+04.58 TO STA. 47+00.00
- CLEARANCE REQUIREMENTS WILL BE ADJUSTED ON THE OUTSIDE CURVE AS REQUIRED.
- PAVEMENT CROSS SLOPE = 2% EXCEPT FOR TRANSITIONS TO EXISTING 1.5%

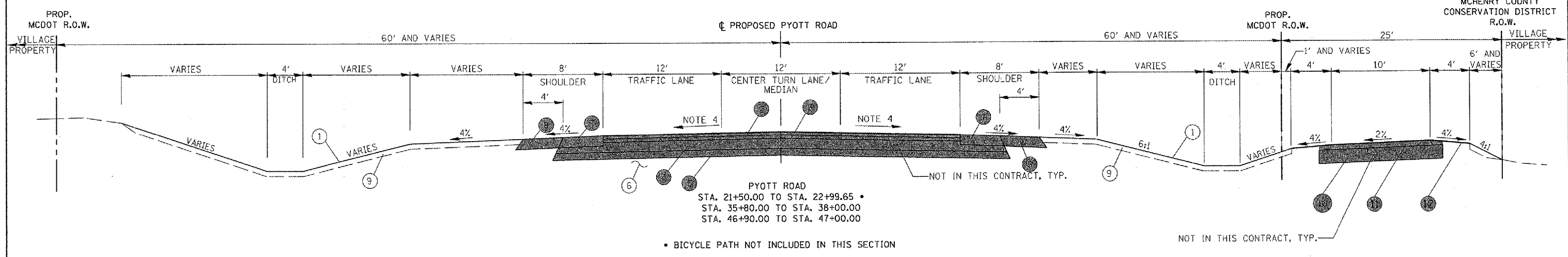
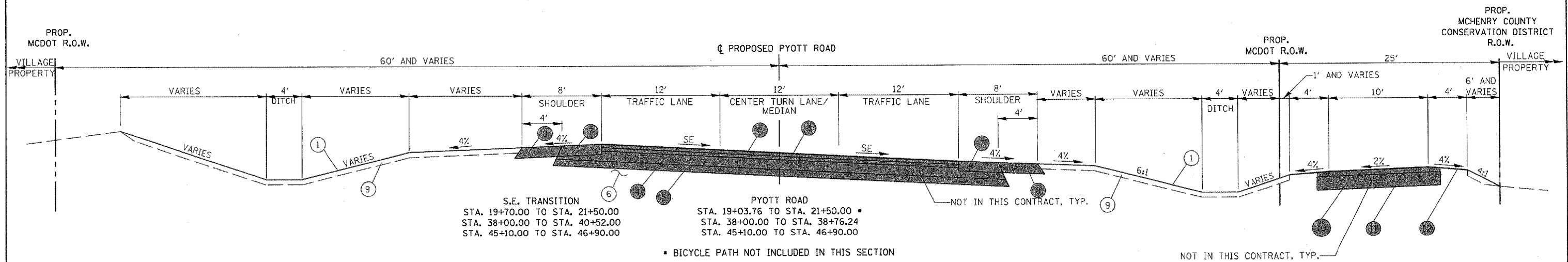
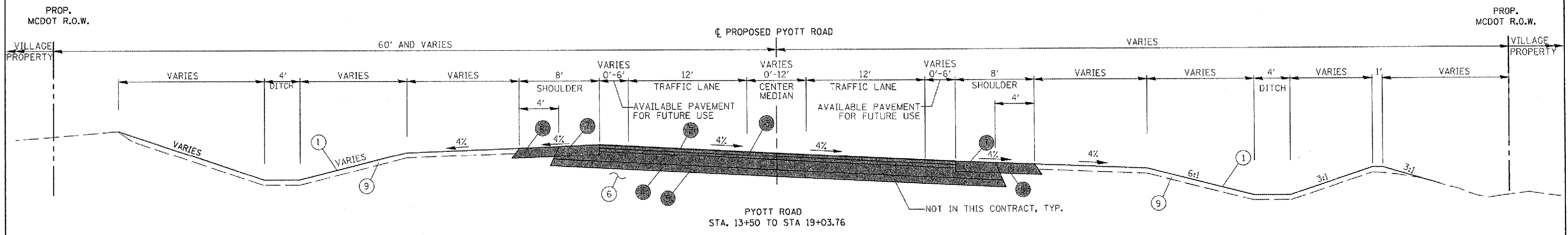
- RIGHT TURN LANE:  
 12' -  
 STA. 24+73.49 TO STA. 27+28.49  
 STA. 39+80.24 TO STA. 42+30.24  
 TRANSITION FROM 0' TO 12' -  
 STA. 27+28.49 TO STA. 29+08.49  
 STA. 42+30.24 TO STA. 44+10.24  
 THE RIGHT TURN LANE TRANSITIONS TO AN ADDITIONAL 12' LANE AVAILABLE FOR FUTURE USE BETWEEN STATIONS 42+30.24 AND 45+10.00
- STA. 22+99.65 TO STA. 24+73.49 AND STA. 38+76.24 TO STA. 39+80.24 ARE INTERSECTIONS AND ARE NOT REPRESENTED IN THE TYPICAL SECTIONS. SEE THE CROSS SECTIONS OR GRADING PLANS FOR ADDITIONAL INFORMATION.
- SHOULDER SLOPES SHALL BE 4% EXCEPT AT EXISTING DRIVEWAYS. AT THESE LOCATIONS, THE SLOPE SHALL BE SUCH TO ALLOW THE PROPOSED PAVEMENT TO MEET EXISTING DRIVEWAY PAVEMENTS.
- DITCH DIMENSIONS AND SLOPES VARY. FOR MORE INFORMATION, SEE THE CROSS SECTIONS AND GRADING PLANS.

**PROPOSED LEGEND**

- PHASE 2 WORK
- PROPOSED GROUND
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5"; FOR INFORMATION ONLY
- HOT-MIX ASPHALT BINDER COURSE, 2.25" FOR INFORMATION ONLY
- HOT-MIX ASPHALT BASE COURSE, 8" FOR INFORMATION ONLY
- SUB-BASE GRANULAR MATERIAL, TYPE B, 4" FOR INFORMATION ONLY
- SUBGRADE, COMPACTED & PROOF ROLLED
- HOT-MIX ASPHALT SHOULDERS, 8" FOR INFORMATION ONLY
- AGGREGATE SHOULDER, TYPE B, 8" FOR INFORMATION ONLY
- TOPSOIL 4" AND SEEDING TYPE 2A (WITHIN MCHENRY COUNTY ROW. SEE EROSION CONTROL PLANS FOR MORE INFORMATION)
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3"
- CRUSHED AGGREGATE BASE COURSE, 8"
- 4' TURF SHOULDER

FILE NAME =	USER NAME = B1am01219	DESIGNED - LDH	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED TYPICAL SECTIONS PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\0841\0588021\Civil Part A\Sho\0588021\0588021.dwg	DRAWN - LDH	REVISED -	MCHENRY			120	7	
PLOT SCALE = 2.0000 "/td> <td>CHECKED - BLB</td> <td>REVISED -</td> <td>FEDERAL AIP NO. 3-17-0112-08</td> <td>ILLINOIS</td> <td>IDA NO. 3CK-3671</td>	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-0112-08			ILLINOIS	IDA NO. 3CK-3671	
PLOT DATE = 02/27/2008, 08:35 AM	DATE - 02/29/08	REVISED -						

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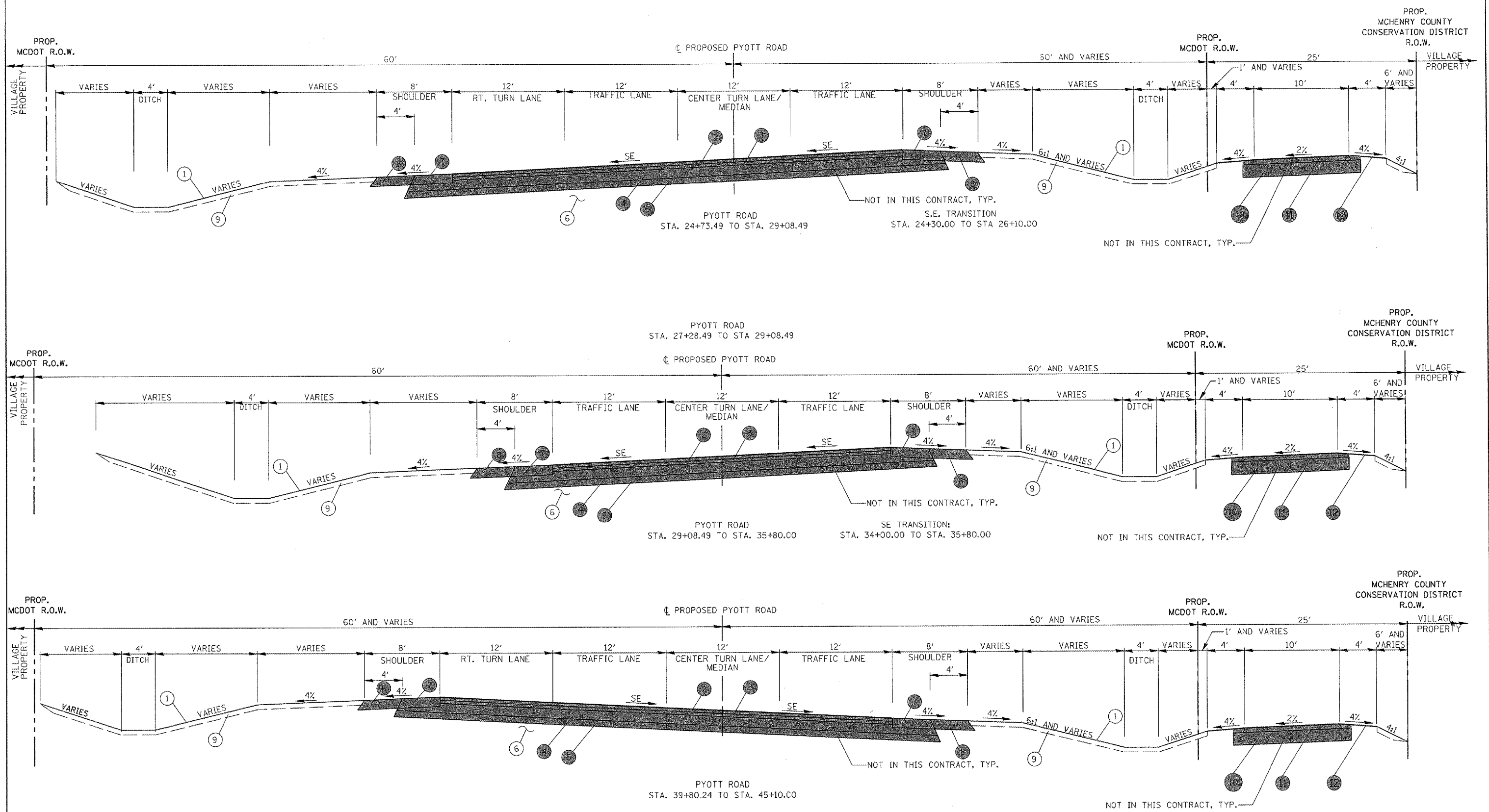


NOTES:  
 1. FOR NOTES AND LEGEND SEE SHEET 7.

FILE NAME = I:\05Jobs\00841\056802\Civil Part A\Sheet\NC-502TYP3.dwt	USER NAME = bls101219	DESIGNED - LDH	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED TYPICAL SECTIONS PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.0000' / 1"	DATE = 02/29/08	DRAWN - LDH	REVISED -			MCHENRY	120	8
PLOT DATE = 02/27/2008, 08:36 AM	DATE = 02/29/08	CHECKED - BLB	REVISED -			FEDERAL AIP NO. 3-17-0112-68	ILLINOIS	IDA NO. 3CK-3671
		SCALE:						

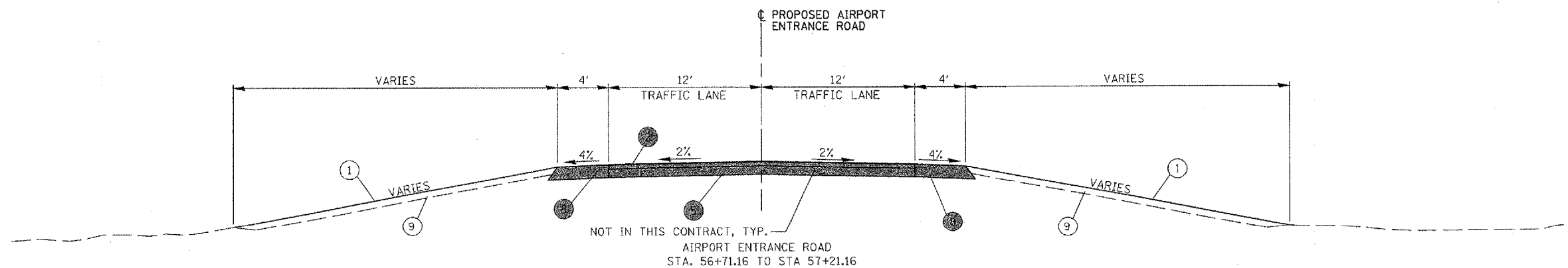
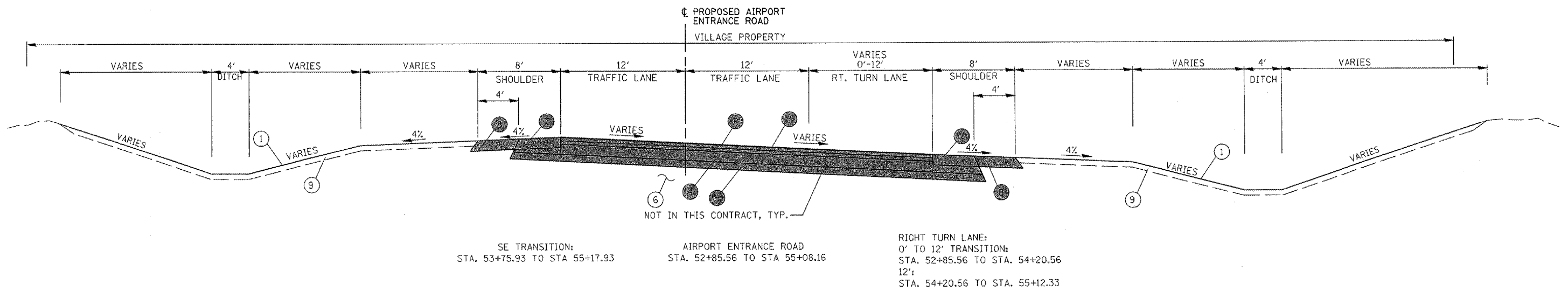
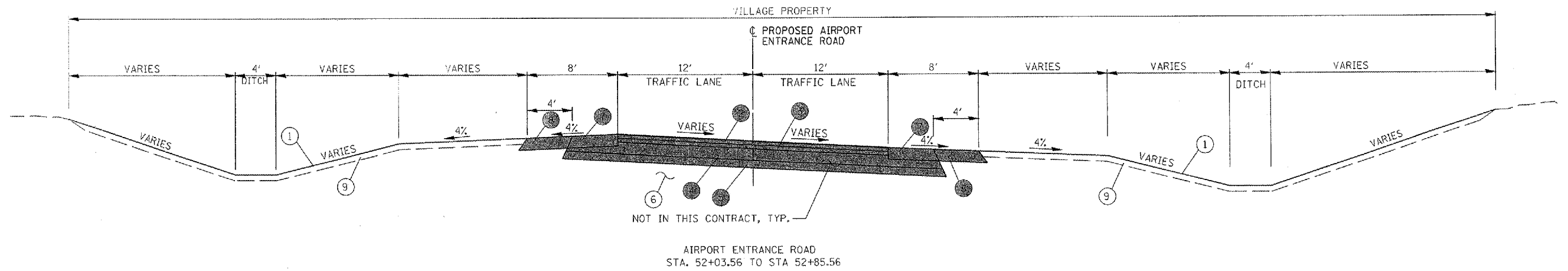


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NOTES:  
 1. FOR NOTES AND LEGEND, SEE SHEET 7.

FILE NAME *	USER NAME = B10m01219	DESIGNED - LDH	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED TYPICAL SECTIONS PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
J:\05\jobs\02041\05B0021\Civil Part A\Sheets\10-502TYP4.dwg	PLOT SCALE = 2.0000 "/td> <td>DRAWN - LDH</td> <td>REVISED -</td> <td>MCHENRY</td> <td>120</td> <td>9</td>	DRAWN - LDH	REVISED -			MCHENRY	120	9
PLOT DATE = 02/27/2008, 08:41 AM	DATE = 02/29/08	CHECKED - BLB	REVISED -			FEDERAL AIP NO. 3-17-0112-08	ILLINOIS	IDA NO. 30K-3671
		REVISED -	REVISED -					



PROPOSED LEGEND

- ① PROPOSED GROUND
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", NTO, 1.5", FOR INFORMATION ONLY
- HOT MIX ASPHALT BINDER COURSE, 2.25" FOR INFORMATION ONLY
- HOT-MIX ASPHALT BASE COURSE, 8" FOR INFORMATION ONLY
- SUB-BASE GRANULAR MATERIAL, TYPE B, 4" FOR INFORMATION ONLY
- ⑥ SUBGRADE, COMPACTED & PROOF ROLLED
- HOT-MIX ASPHALT SHOULDERS, 8" FOR INFORMATION ONLY
- AGGREGATE SHOULDER, TYPE B, 8" FOR INFORMATION ONLY
- ⑨ TOPSOIL AND SEEDING

FILE NAME =	USER NAME = B1ain@1219	DESIGNED - DSY	REVISED -
I:\05Jobs\00841\0580021\Civil Part A\Sheet\02TYP5.aht		DRAWN - DSY	REVISED -
PLOT SCALE = 2.0000' / IN.		CHECKED - BLB	REVISED -
PLOT DATE = 02/27/2008, 08:41 AM		DATE - 02/29/08	REVISED -

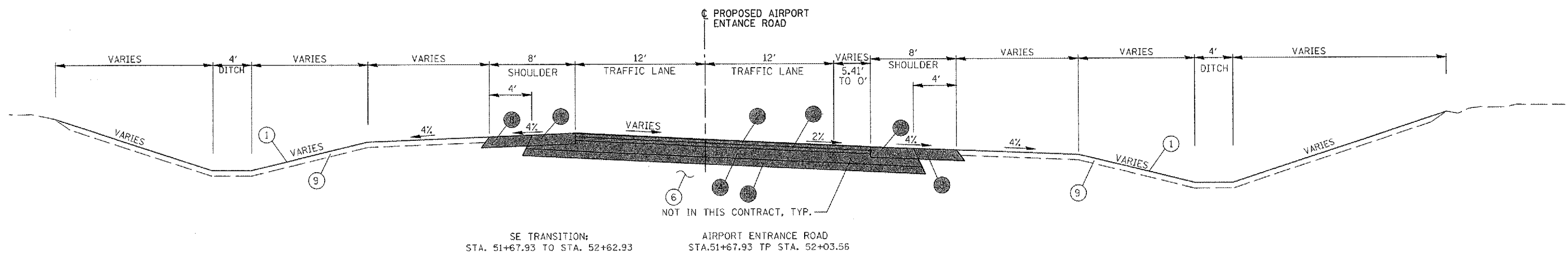
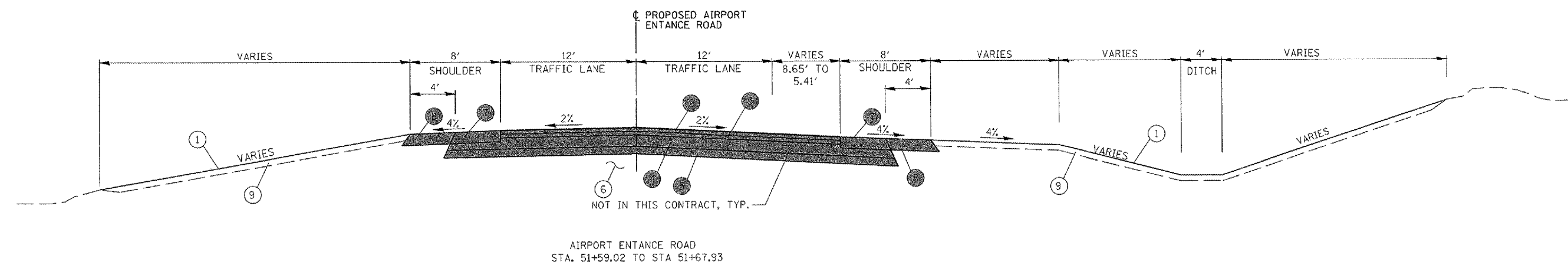
VILLAGE OF LAKE IN THE HILLS, ILLINOIS

PROPOSED TYPICAL SECTIONS AIRPORT ROAD

SCALE:

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	10
FEDERAL AIP NO. 3-17-0112-BB ILLINOIS IDA NO. 3CK-3671		

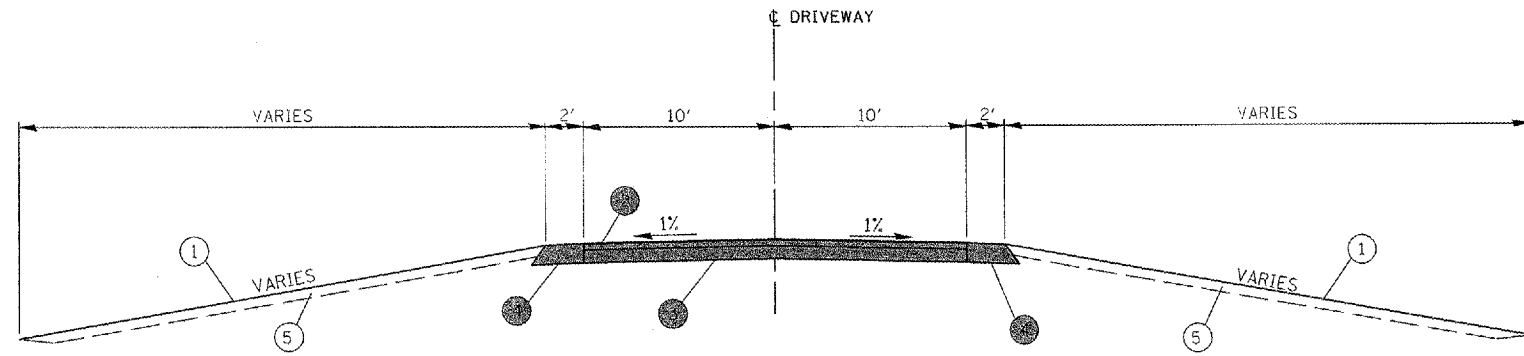
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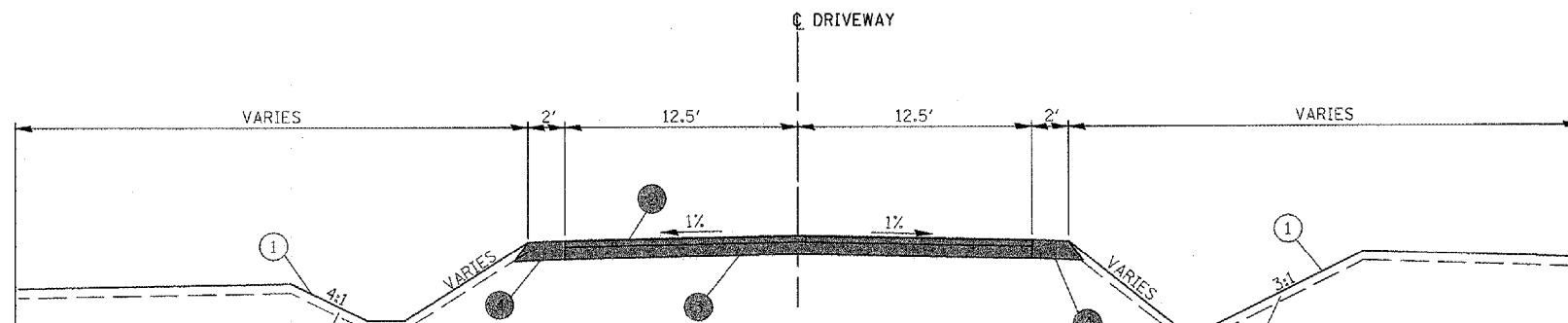
**PROPOSED LEGEND**

- ① PROPOSED GROUND
- ② HOT-MIX ASPHALT SURFACE COURSE, MIX "D", NTO, 1.5", FOR INFORMATION ONLY
- ③ HOT MIX ASPHALT BINDER COURSE, 2.25" FOR INFORMATION ONLY
- ④ HOT-MIX ASPHALT BASE COURSE, 8" FOR INFORMATION ONLY
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 4" FOR INFORMATION ONLY
- ⑥ SUBGRADE, COMPACTED & PROOF ROLLED
- ⑦ HOT-MIX ASPHALT SHOULDERS, 8" FOR INFORMATION ONLY
- ⑧ AGGREGATE SHOULDER, TYPE B, 8" FOR INFORMATION ONLY
- ⑨ TOPSOIL AND SEEDING

FILE NAME =	USER NAME = Blain01219	DESIGNED - LDH	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED TYPICAL SECTIONS AIRPORT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0580021\Civil Part A\Sheets\0502TYP6.SHT	PLT SCALE = 2.0000' / IN.	DRAWN - LDH	REVISED -			MCHENRY	120	11	
PLT DATE = 02/27/2009, 08:42 AM	DATE - 02/29/08	CHECKED - BLB	REVISED -						
		DATE - 02/29/08	REVISED -			FEDERAL AIP NO. 3-17-0112-BB	ILLINOIS	IDA NO. 30X-3671	



DRIVEWAY'S TYPICAL  
 STA. 30+51.30 TO STA. 30+78.85  
 POT PYOTT STA. 14+59.26 = DRIVEWAY STA. 31+00  
 STA. 40+19.23 TO STA. 41+02.22  
 POT PYOTT STA. 16+52.55 = DRIVEWAY 41+27.99  
 (FOR INFORMATION ONLY NOT PART OF PHASE 1)



ATHANS DRIVEWAY  
 STA. 60+12.20 TO STA. 61+36.28  
 POT ATHANS STA. 62+06.18 = PYOTT STA. 39+28.24

**NOTES:**

- SEE IDOT DRIVEWAY DETAILS (DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 M (15')) FOR ADDITIONAL INFORMATION ON DRIVEWAY LAYOUT AND PAVING.

**PROPOSED LEGEND**

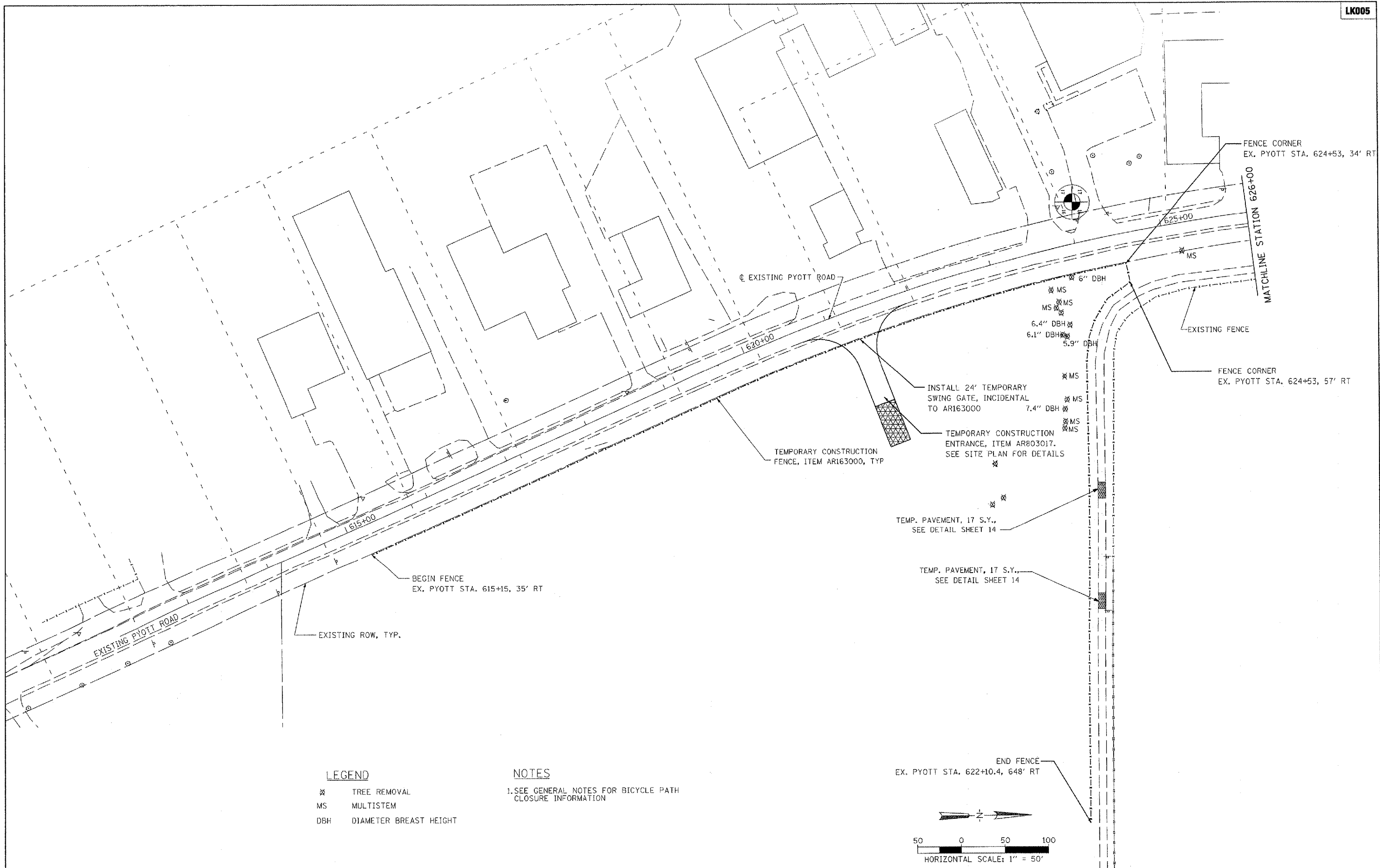
- ① PROPOSED GROUND
- HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2", FOR INFORMATION ONLY
- HOT-MIX ASPHALT BASE COURSE, 8", FOR INFORMATION ONLY
- AGGREGATE SHOULDERS, TYPE B, 8", FOR INFORMATION ONLY
- ⑤ TOPSOIL AND SEEDING

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FILE NAME =	USER NAME = blair0219	DESIGNED - DSY	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED TYPICAL SECTIONS ATHANS AND ENTRANCE DRIVEWAYS</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0508021\Civil Part A\Sheet\NC-502TYP7.dwg	DRAWN - DSY	REVISED -	MCHENRY			120	12	
PLOT SCALE = 2.0000' / 1"	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-012-88			ILLINOIS	IDA NO. 30K-3671	
PLOT DATE = 02/27/2008, 08:44 AM	DATE - 02/29/08	REVISED -						

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**LEGEND**

- X TREE REMOVAL
- MS MULTISTEM
- DBH DIAMETER BREAST HEIGHT

**NOTES**

1. SEE GENERAL NOTES FOR BICYCLE PATH CLOSURE INFORMATION

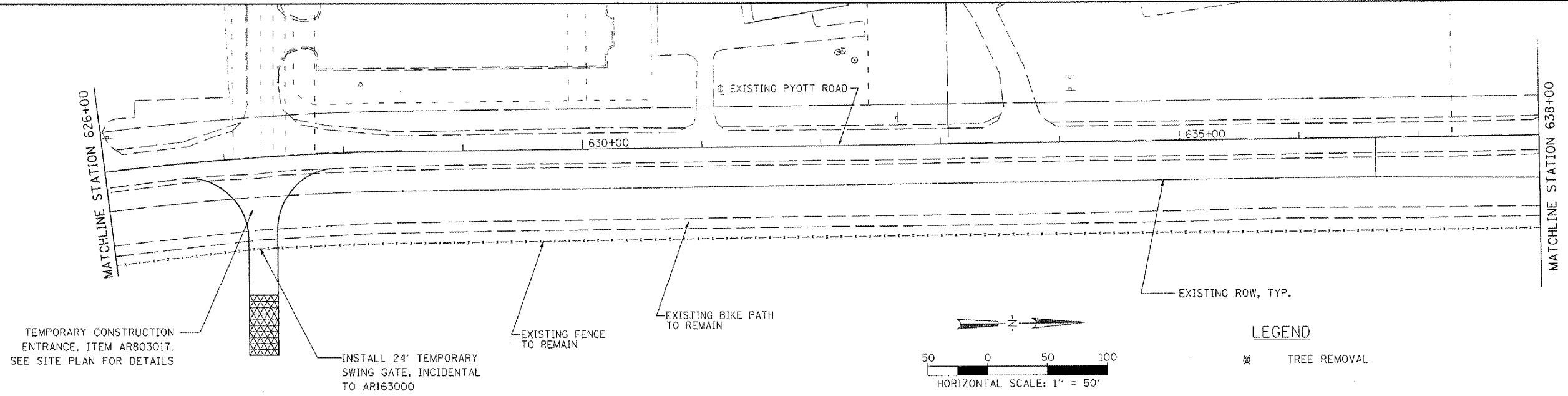
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PLOT DATE = 02/29/2008, 08:32 AM		DATE - 02/29/08	REVISED -

**VILLAGE OF LAKE IN THE HILLS, ILLINOIS**

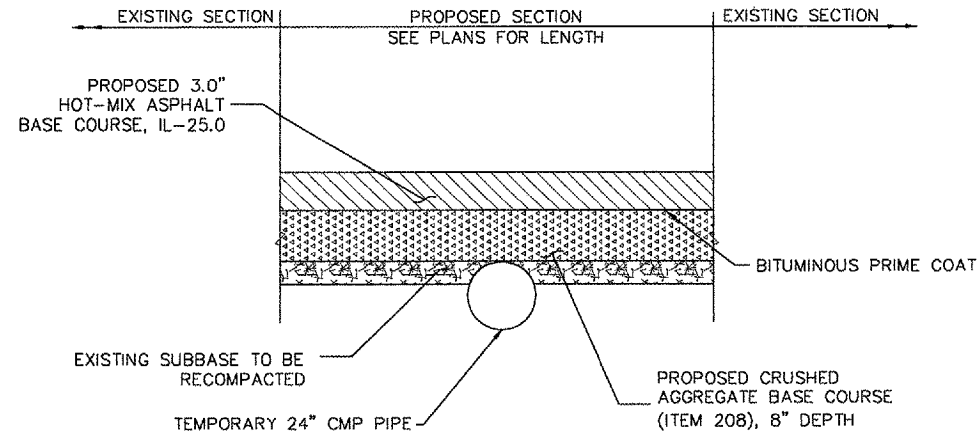
**REMOVAL AND TEMPORARY WORK PLAN**

SCALE: 1" = 50'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	13

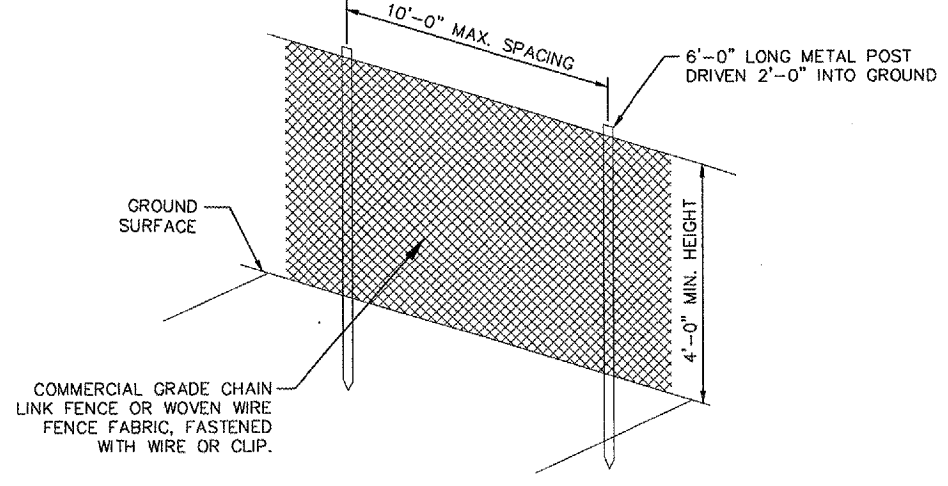


**NOTES**  
 1. SEE GENERAL NOTES FOR BICYCLE PATH CLOSURE INFORMATION.



**NOTES**  
 1. PATCH WIDTH TO MATCH EXISTING.  
 2. ALL WORK PAID UNDER ITEM AR803015.

**TEMPORARY PAVEMENT SECTION  
 BIKE PATH**



**NOTES**  
 1. FENCE SHALL BE MAINTAINED BY CONTRACTOR DURING PROJECT; COST INCIDENTAL TO CONTRACT.  
 2. TWO 24-FOOT WIDE SWING GATES SHALL BE FURNISHED OF A TYPE ACCEPTABLE TO THE RESIDENT ENGINEER. COST OF GATES SHALL BE INCIDENTAL TO TEMPORARY WORK FENCE.  
 3. FENCE SHALL BE REMOVED AND DISPOSED OF WHEN DIRECTED BY THE RESIDENT ENGINEER.  
 4. ALL WORK SHALL BE PAID UNDER ITEM AR163000.

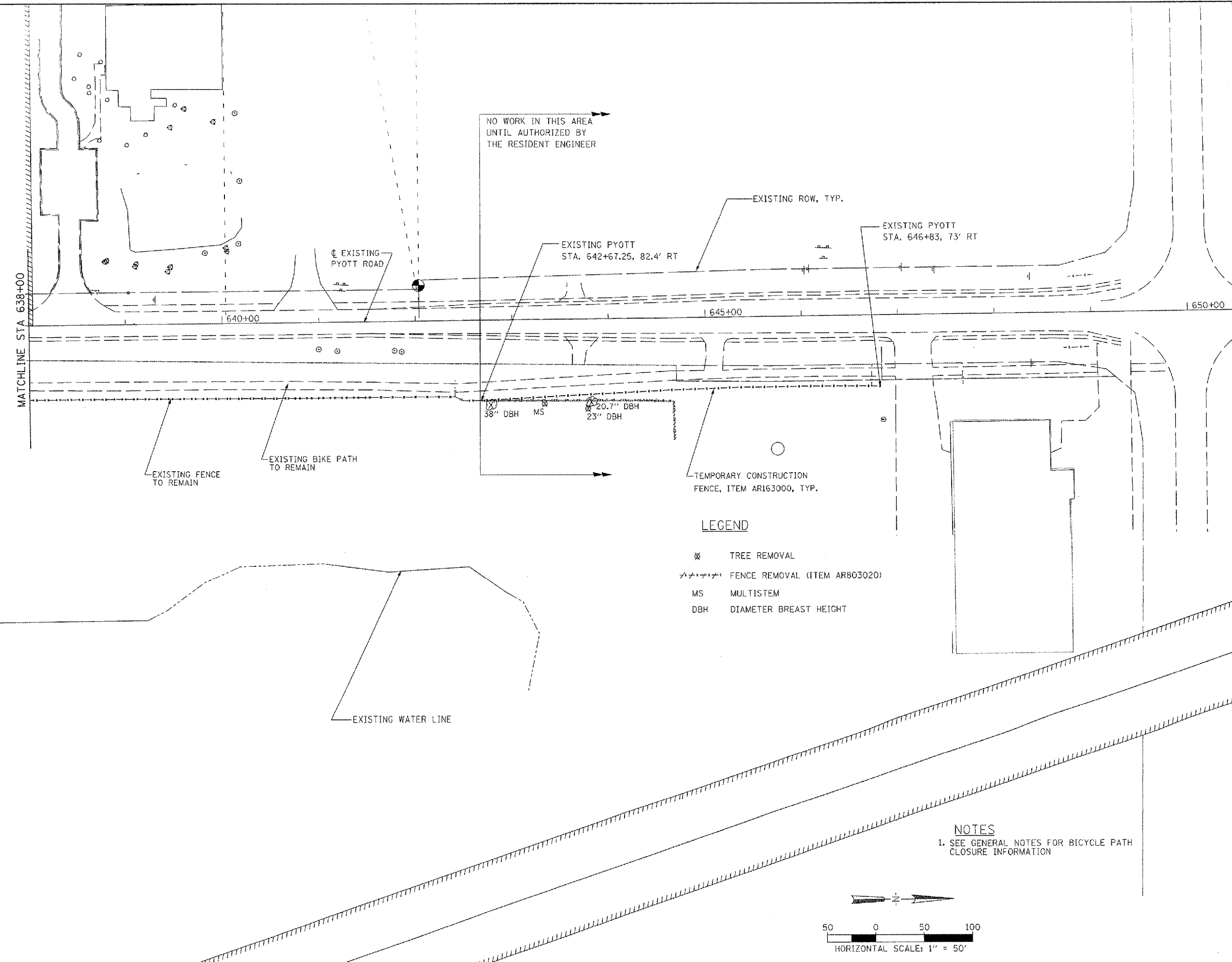
**TEMPORARY CONSTRUCTION FENCE**

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FILE NAME = I:\05Jobs\00841\0508021\Civil Part A\Sheet\0-REM3.sht	USER NAME = McLeu01059	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>REMOVAL AND TEMPORARY WORK PLAN</b>		COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1/8" = 1'-0" / IN.	CHECKED - BLB	REVISI	MCHENRY				120	14	
PLOT DATE = 02/28/2008, 09:33 AM	DATE - 02/29/08	REVISI	FEDERAL AIP NO. 3-17-0112-88		ILLINOIS	IDA NO. 3CX-3671			

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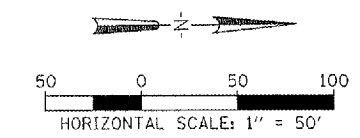


**LEGEND**

- ⊗ TREE REMOVAL
- FENCE REMOVAL (ITEM AR803020)
- MS MULTISTEM
- DBH DIAMETER BREST HEIGHT

**NOTES**

1. SEE GENERAL NOTES FOR BICYCLE PATH CLOSURE INFORMATION

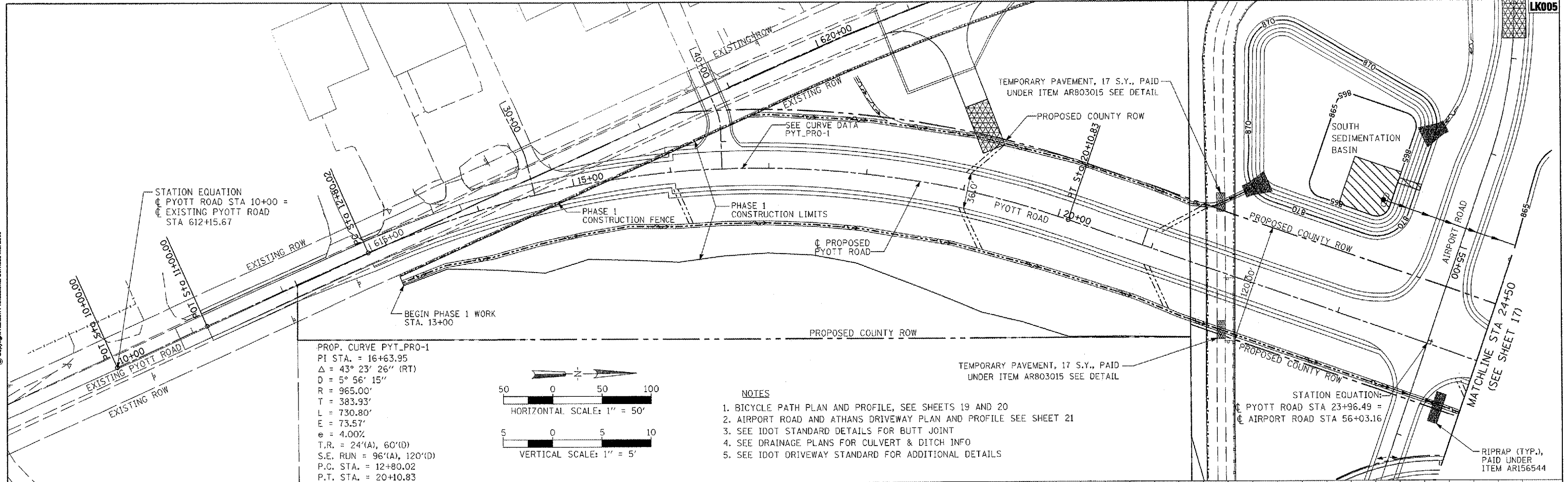


FILE NAME #	USER NAME = Blain01219	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>REMOVAL AND TEMPORARY WORK PLAN</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\0084\0568021\Civil Part A\Sheet\NC-REM4.sht	DRAWN - CBP	REVISED -	MCHENRY			120	15	
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PLOT DATE = 02/27/2008, 12:46 PM	DATE - 02/29/08	REVISED -						
						FEDERAL AIP NO. 3-17-012-86 ILLINOIS IDA NO. 3CK-3671		

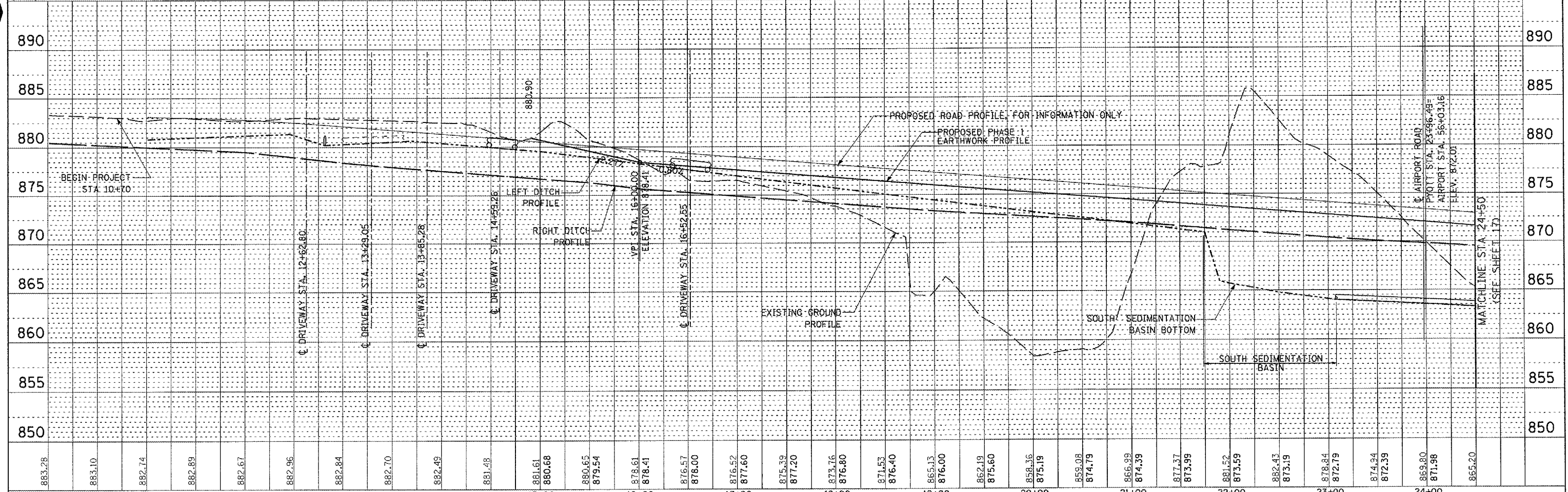
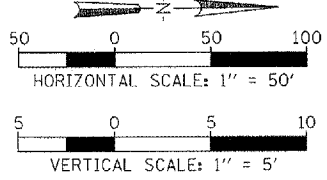
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



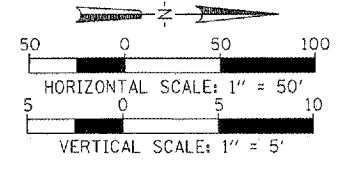
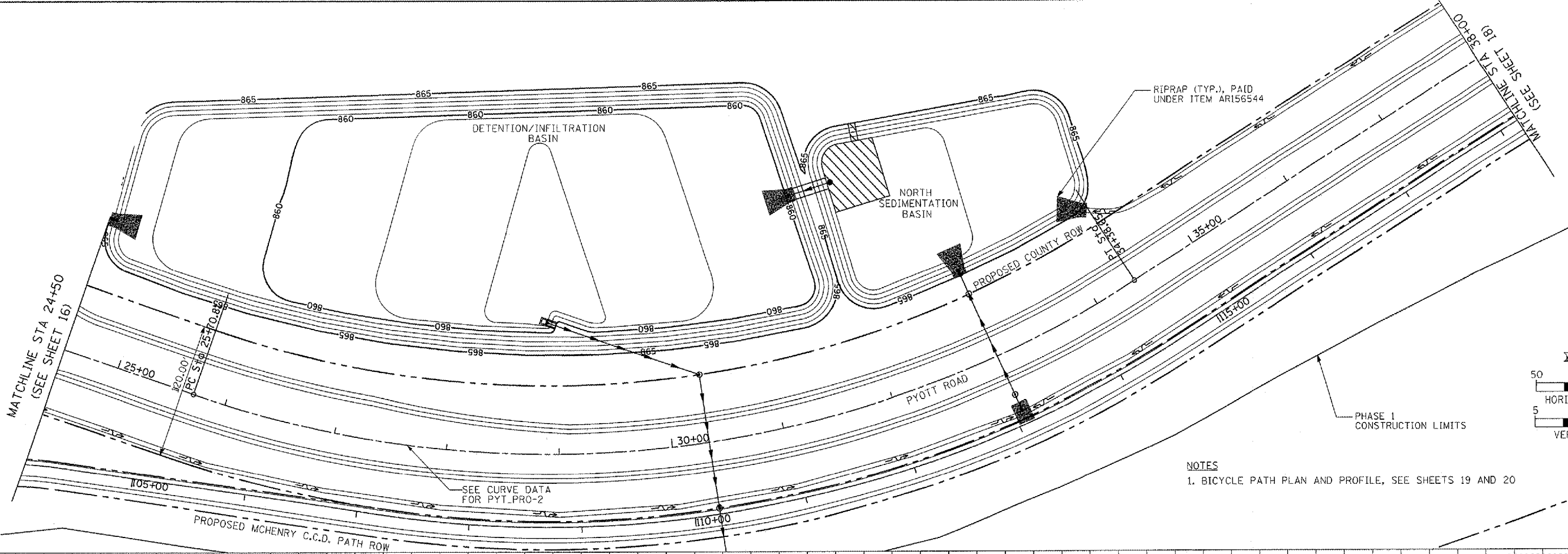
PROP. CURVE PYT\_PRO-1  
PI STA. = 16+63.95  
 $\Delta = 43^\circ 23' 26''$  (RT)  
 $D = 5^\circ 56' 15''$   
 $R = 965.00'$   
 $T = 383.93'$   
 $L = 730.80'$   
 $E = 73.57'$   
 $e = 4.00\%$   
T.R. = 24'(A), 60'(D)  
S.E. RUN = 96'(A), 120'(D)  
P.C. STA. = 12+80.02  
P.T. STA. = 20+10.83



FILE NAME = I:\05\Jobs\08941\058802\1\Civil Part A\Sheet	USER NAME = McLea\01058	DESIGNED - BLB	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PYOTT ROAD PLAN AND PROFILE</b>	COUNTY	TOTAL SHEETS	SHEET NO.
NC-7PP-PR1.eht	DRAWN - BLB	REVISED -	MCHENRY			120	16	
PLOT SCALE = 100.0000' / IN.	CHECKED - SJM	REVISED -	FEDERAL AIP NO. 3-17-0112-86 ILLINOIS IDA NO. 3C3-3671					
PLOT DATE = 02/26/2008, 09:34 AM	DATE - 02/29/08	REVISED -	SCALE: 1"=50'			STA. 10+00 TO STA. 24+50		



PROP. CURVE PYT\_PRO-2  
 PI STA. = 30+36.91  
 $\Delta$  = 51° 47' 44" (LT)  
 D = 5° 58' 06"  
 R = 960.00'  
 T = 466.11'  
 L = 867.84'  
 E = 107.17'  
 $e$  = 4.00%  
 T.R. = 60'  
 S.E. RUN = 120'  
 P.C. STA. = 25+70.81  
 P.T. STA. = 34+38.65

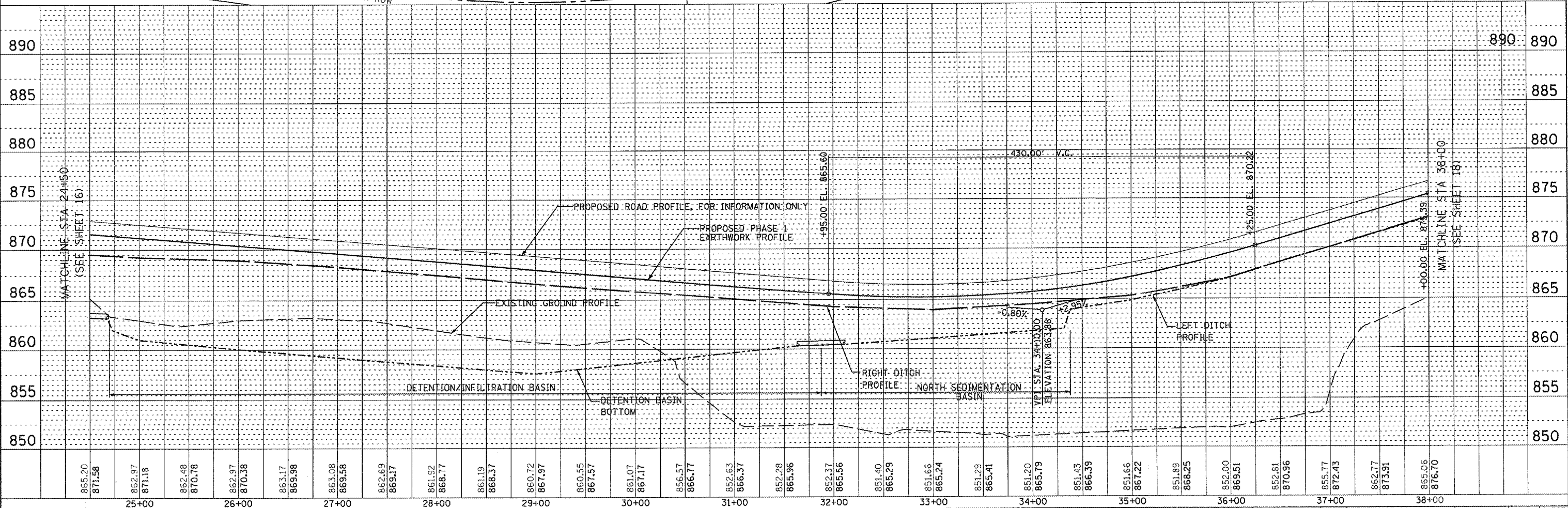


NOTES  
 1. BICYCLE PATH PLAN AND PROFILE, SEE SHEETS 19 AND 20

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PROFILE	DATE
SWERVED	
PLOTTED	
GRADES CHECKED	
NOTE BOOK	
STRUCTURE	
ADJUSTING CURVD	
NO.	

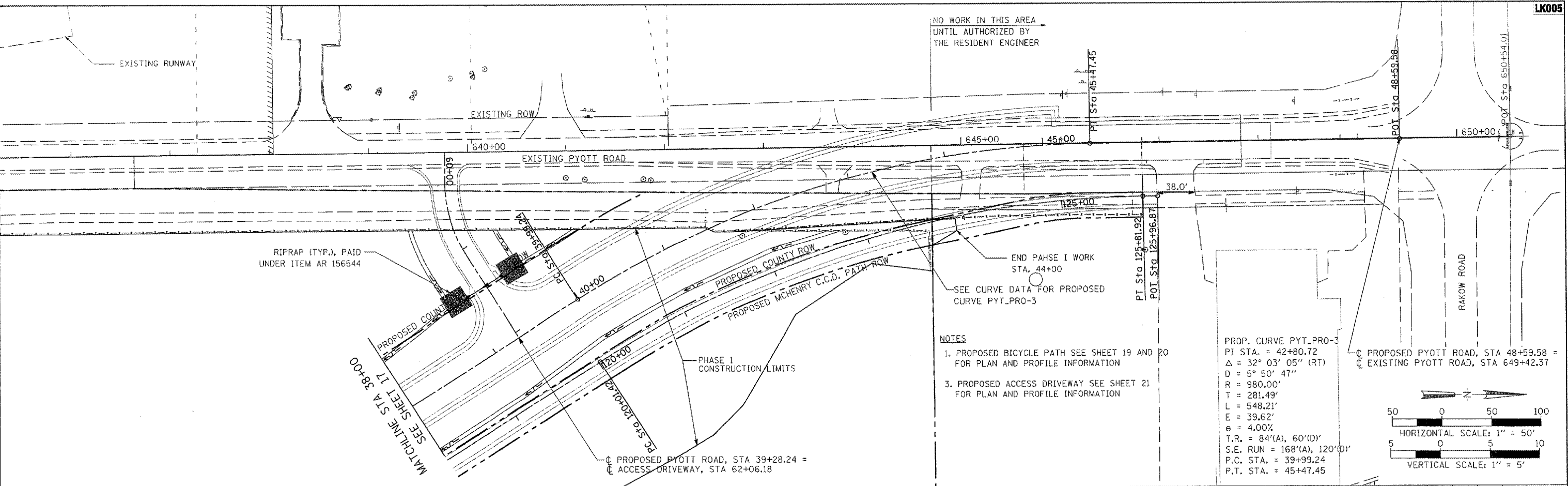


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I:\05\Jobs\00841\0580321\Civil Part A\Sheet\VC-7PP-PR2.sht		DRAWN - BLB	REVISED -	MCHENRY	120	17
PLOT SCALE = 100.0000' / IN.		CHECKED - SJM	REVISED -			
PLOT DATE = 02/28/2009 06:03 AM		DATE - 02/29/08	REVISED -			

VILLAGE OF  
 LAKE IN THE HILLS, ILLINOIS

PYOTT ROAD PLAN AND PROFILE

SCALE: 1"=50'      STA. 24+50 TO STA. 38+00      FEDERAL AIP NO. 3-17-0112-88      ILLINOIS IDA NO. 30K-367L

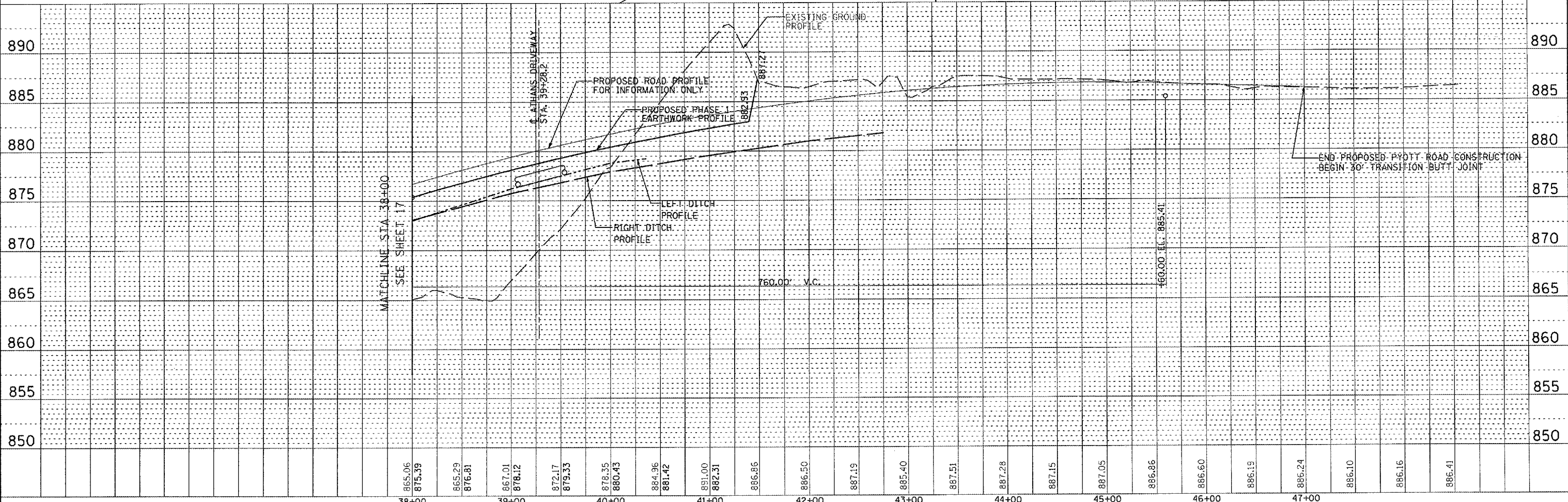


- NOTES**
1. PROPOSED BICYCLE PATH SEE SHEET 19 AND 20 FOR PLAN AND PROFILE INFORMATION
  2. PROPOSED BIWAY SEE SHEET 19 AND 20 FOR PLAN AND PROFILE INFORMATION
  3. PROPOSED ACCESS DRIVEWAY SEE SHEET 21 FOR PLAN AND PROFILE INFORMATION

PROP. CURVE PYT\_PRO-3  
 PI STA. = 42+80.72  
 $\Delta = 32^\circ 03' 05''$  (RT)  
 $D = 5^\circ 50' 47''$   
 $R = 980.00'$   
 $T = 281.49'$   
 $L = 548.21'$   
 $E = 39.62'$   
 $e = 4.00\%$   
 $T.R. = 84'(A), 60'(D)$   
 $S.E. RUN = 168'(A), 120'(D)$   
 $P.C. STA. = 39+99.24$   
 $P.T. STA. = 45+47.45$

PROPOSED PYOTT ROAD, STA 48+59.58 =  
 EXISTING PYOTT ROAD, STA 649+42.37

HORIZONTAL SCALE: 1" = 50'  
 VERTICAL SCALE: 1" = 5'



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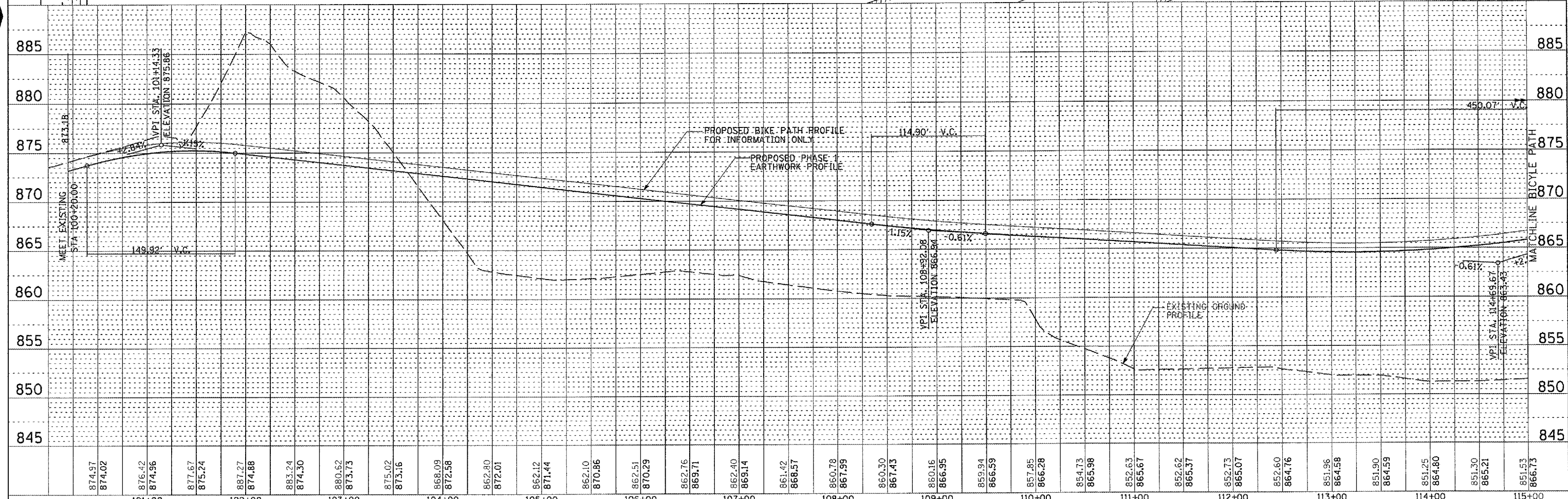
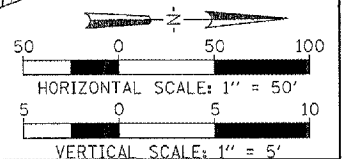
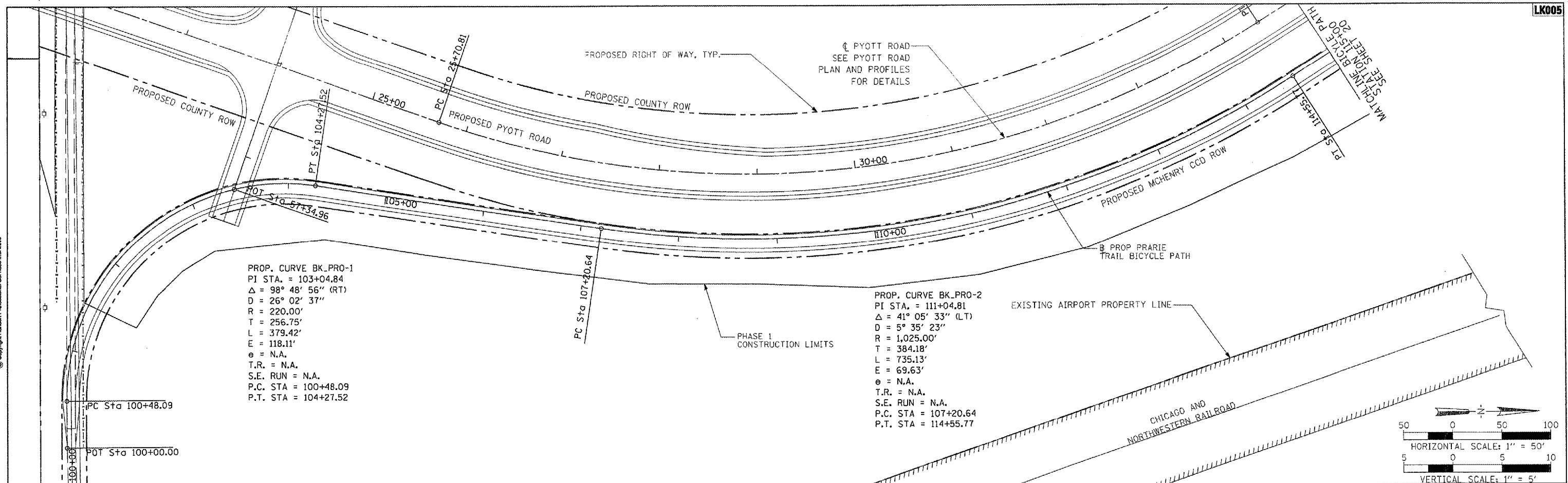
PROFILE	STRIPPED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRAPHS CHECKED	
	STRUCTURE NOTATION CHECKED	

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J:\05Jobs\08841\0688821\Civil Part A\Sheet\VC-7PP-PR3.sht		DRAWN - BLB	REVISED -		MCHENRY	120	18		
PLOT SCALE = 100.0000' / IN.	CHECKED - SJM	REVISED -							
PLOT DATE = 02/27/2008, 01:14 PM	DATE - 02/29/08	REVISED -							
SCALE: 1"=50'		STA. 38+00 TO STA. 48+00		FEDERAL AIP NO. 3-17-0112-BB ILLINOIS IDA NO. 3CK-3671					

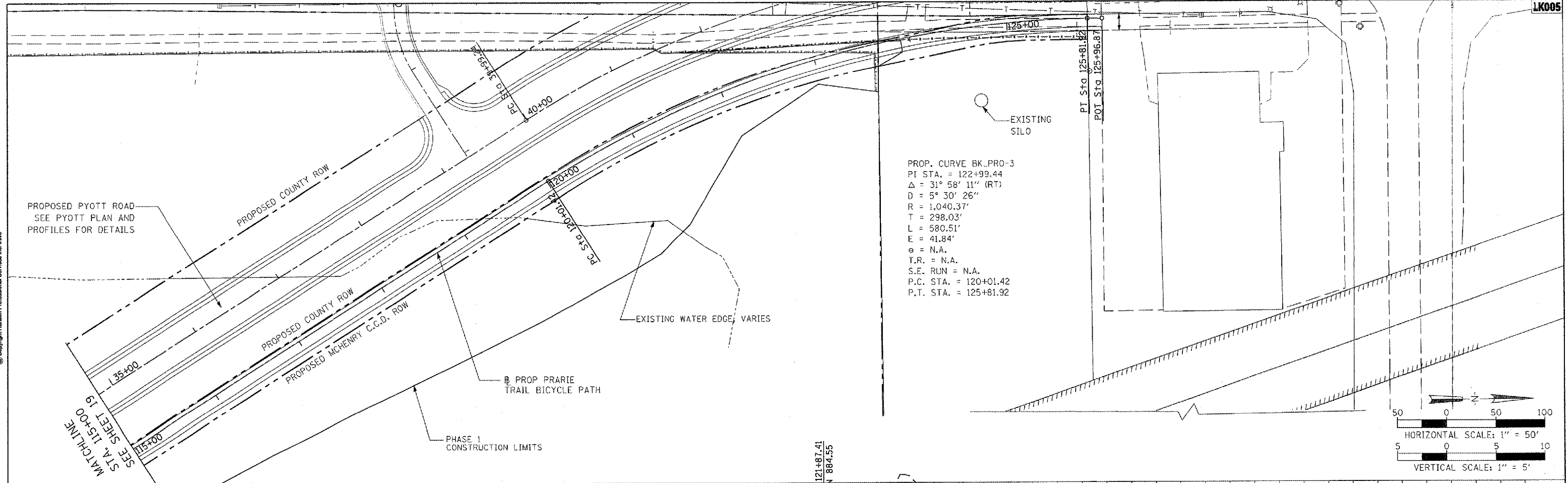
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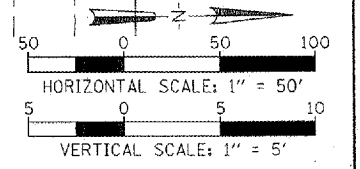
PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	
NO.	GRADES CHECKED	
	STRUCTURE	NOTATION CHRD



874.97	874.02	876.42	874.96	877.67	875.24	887.27	874.88	883.24	874.30	880.62	873.73	875.02	873.16	866.09	872.58	862.80	872.01	862.12	871.44	862.10	870.86	862.51	870.29	862.76	869.71	862.40	869.14	861.42	868.57	860.78	867.99	860.30	867.43	860.16	866.95	859.94	866.59	857.85	866.28	854.73	865.98	852.63	865.67	852.62	865.37	852.73	865.07	852.60	864.76	851.96	864.58	851.90	864.59	851.25	864.80	851.30	865.21	851.53	866.73
101+00		102+00		103+00		104+00		105+00		106+00		107+00		108+00		109+00		110+00		111+00		112+00		113+00		114+00		115+00																															
FILE NAME =	USER NAME =	DESIGNED -	REVISED -	DRAWN -		REVISED -	CHECKED -		REVISED -	DATE =		SCALE: 1"=50'		COUNTY		TOTAL SHEETS	SHEET NO.																																										
I:\05\Jobs\00841\0568021\Civil Part A\Sheets\VC-7PP-PR7.aht	McLau01058	BLB		BLB		SJM		02/29/08		VILLAGE OF LAKE IN THE HILLS, ILLINOIS	PROPOSED BICYCLE PATH PLAN AND PROFILE	1"=50'	MCHENRY	120	19																																												
PLOT SCALE = 100.0000' / IN.																FEDERAL AIP NO. 3-17-0112-08		ILLINOIS IDA NO. 30K-3671																																									



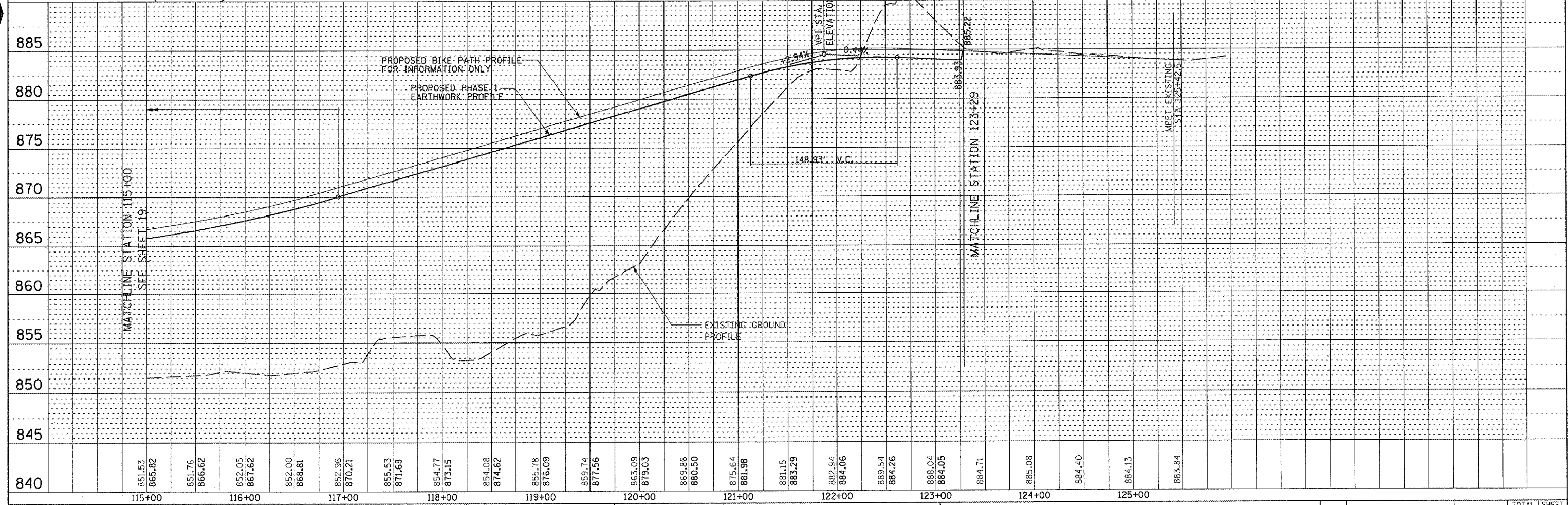
PROP. CURVE BK\_PRO-3  
 PI STA. = 122+99.44  
 Δ = 31° 58' 11" (RT)  
 D = 5° 30' 26"  
 R = 1,040.37'  
 T = 298.03'  
 L = 580.51'  
 E = 41.84'  
 e = N.A.  
 T.R. = N.A.  
 S.E. RUN = N.A.  
 P.C. STA. = 120+01.42  
 P.T. STA. = 125+81.92



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



FILE NAME = I:\05Jobs\00841\0568021\01 Part A\Sheet	USER NAME = McLou01058	DESIGNED - BLB	REVISED -	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 02/29/08 06:10 AM		DATE - 02/29/08	REVISED -			
<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>				<b>PROPOSED BICYCLE PATH PLAN AND PROFILE</b>		
				SCALE: 1"=50'	FEDERAL AIP NO. 3-17-0112-88 ILLINOIS IDA NO. 3CK-3671	

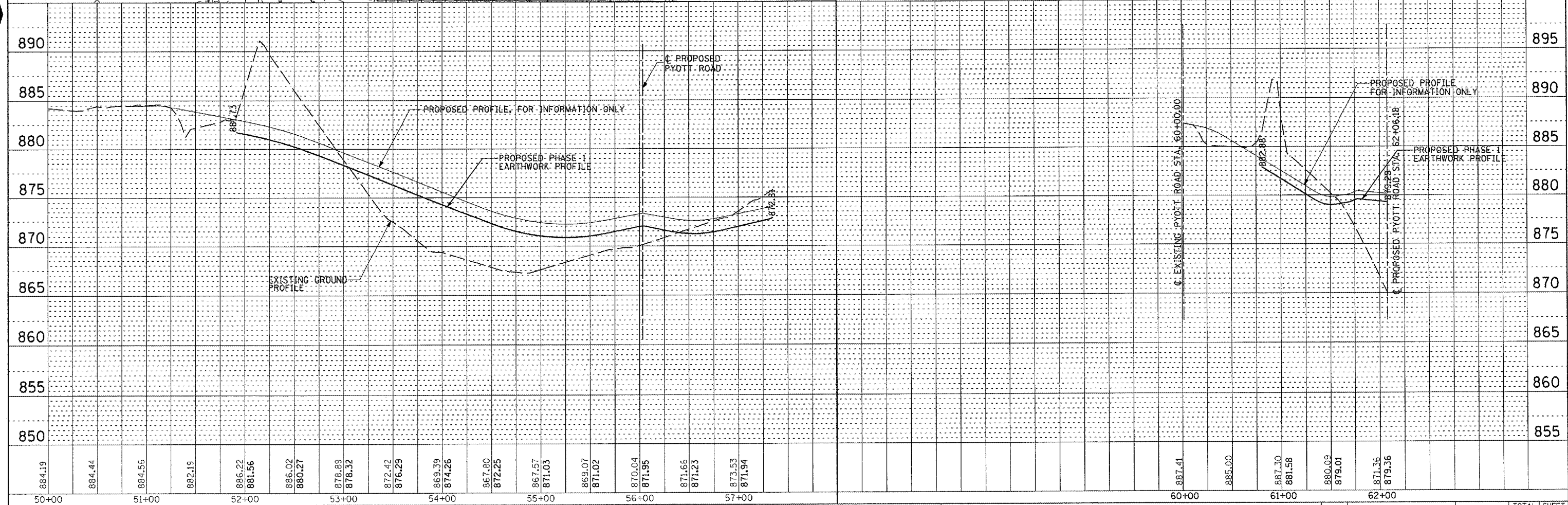
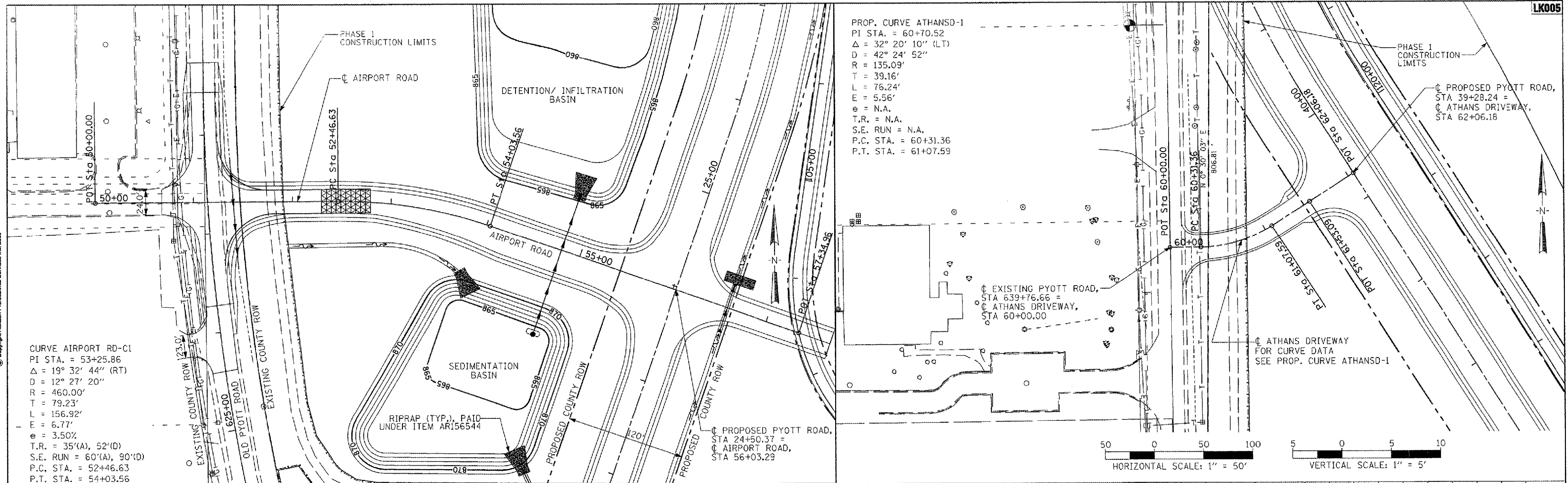
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PROFILE	REVIEWED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

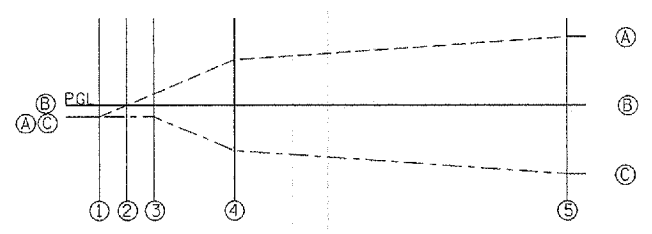
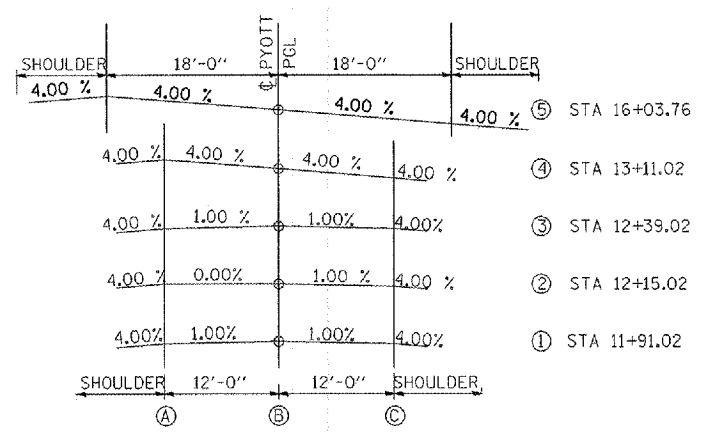
CURVE AIRPORT RD-C1  
 PI STA. = 53+25.86  
 $\Delta = 19^\circ 32' 44''$  (RT)  
 D = 12° 27' 20"  
 R = 460.00'  
 T = 79.23'  
 L = 156.92'  
 E = 6.77'  
 e = 3.50%  
 T.R. = 35'(A), 52'(D)  
 S.E. RUN = 60'(A), 90'(D)  
 P.C. STA. = 52+46.63  
 P.T. STA. = 54+03.56

PROP. CURVE ATHANSO-1  
 PI STA. = 60+70.52  
 $\Delta = 32^\circ 20' 10''$  (LT)  
 D = 42° 24' 52"  
 R = 135.09'  
 T = 39.16'  
 L = 76.24'  
 E = 5.56'  
 e = N.A.  
 T.R. = N.A.  
 S.E. RUN = N.A.  
 P.C. STA. = 60+31.36  
 P.T. STA. = 61+07.59

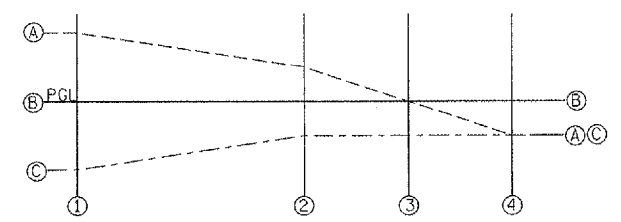
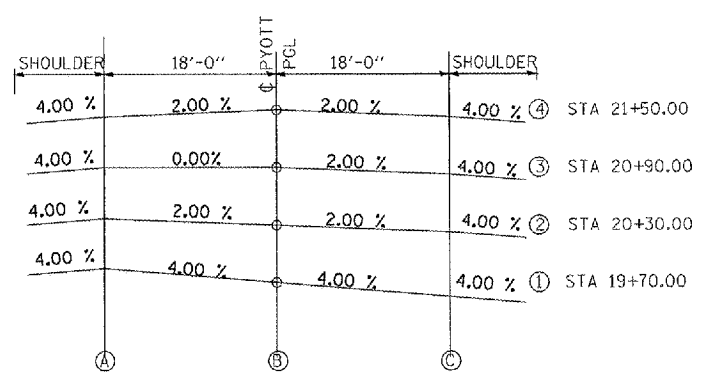


FILE NAME =	USER NAME = McLou01050	DESIGNED - BLB	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED AIRPORT ROAD AND ATHANS DRIVEWAY ACCESS PLAN AND PROFILE</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\0841\0582021\Civil Part A\Sheet	VC-7PP-PR9.sht	DRAWN - BLB	REVISED -			MCHENRY	120	21
PLOT SCALE = 100.0000' / IN.	CHECKED - SJM	REVISED -						
PLOT DATE = 02/29/2008, 08:40 AM	DATE - 02/29/08	REVISED -						
				SCALE: 1"=50'	FEDERAL ATP NO. 3-17-012-88 ILLINOIS IDA NO. 3CK-3671			

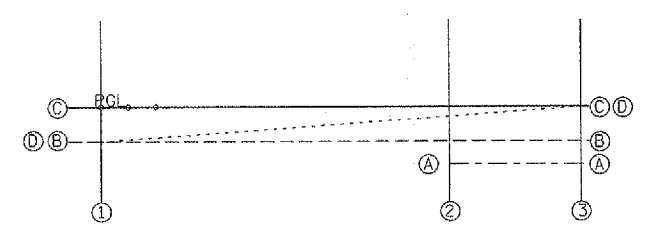
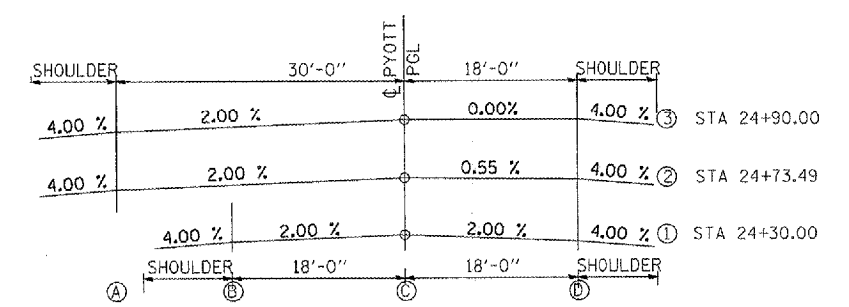
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SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
① STA 11+91.02	-0.12	0.00	-0.12
② STA 12+15.02	0.00	0.00	-0.12
③ STA 12+39.02	0.12	0.00	-0.12
④ STA 13+11.02	0.48	0.00	-0.48
⑤ STA 16+03.76	0.72	0.00	-0.72



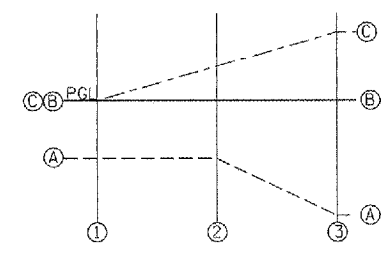
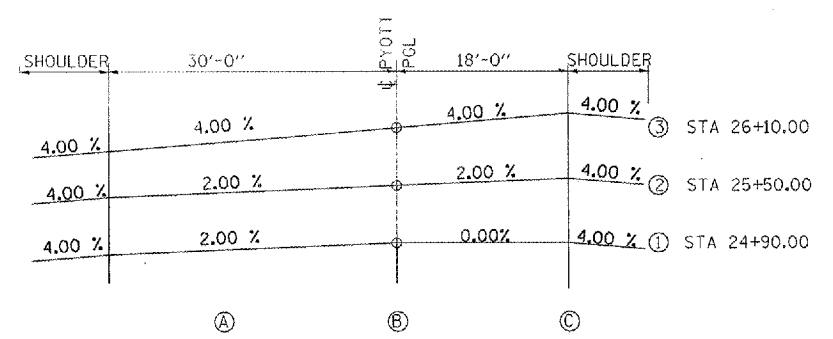
SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
① STA 19+03.76	0.72	0.00	-0.72
② STA 20+30	0.36	0.00	-0.36
③ STA 20+90	0.00	0.00	-0.36
④ STA 21+50	-0.36	0.00	-0.36



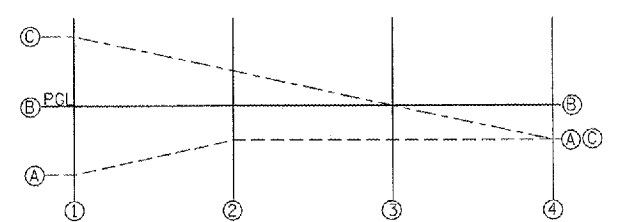
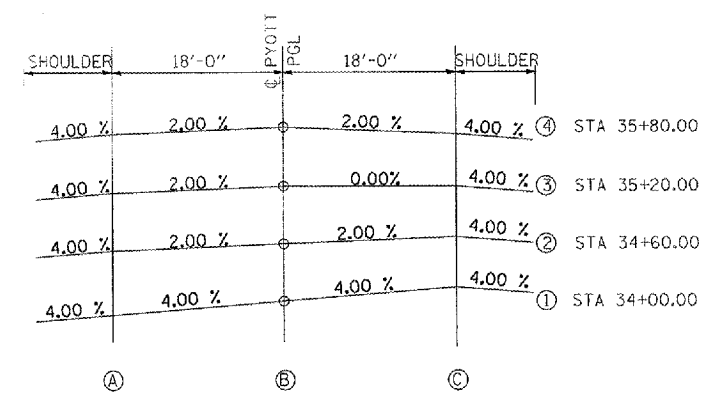
SECTION	OFFSET FROM PGL ELEVATION (ft)			
	A	B	C	D
① STA 24+30		-0.36	0.00	-0.36
② STA 24+73.49	-0.6	-0.36	0.00	-0.10
③ STA 24+90	-0.6	-0.36	0.00	0.00

FOR INFORMATION ONLY

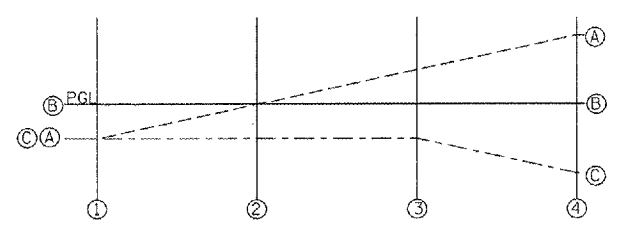
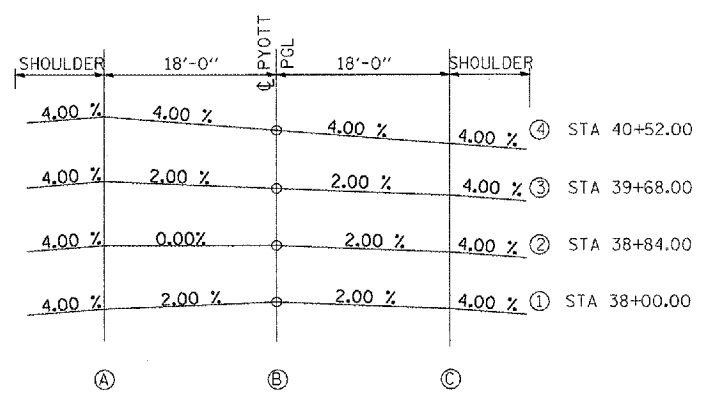
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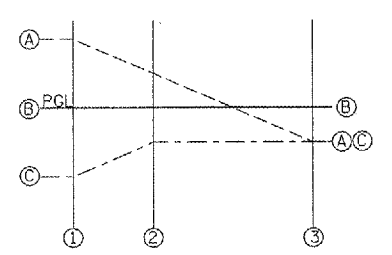
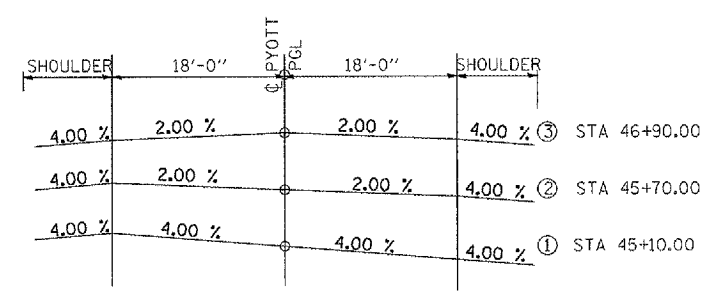
SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
(1) STA 24+90	-0.60	0.00	0.00
(2) STA 25+50	-0.60	0.00	0.36
(3) STA 26+10	-1.20	0.00	0.72



SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
(1) STA 34+00	-0.72	0.00	0.72
(2) STA 34+60	-0.36	0.00	0.36
(3) STA 35+20	-0.36	0.00	0.00
(4) STA 35+80	-0.36	0.00	-0.36



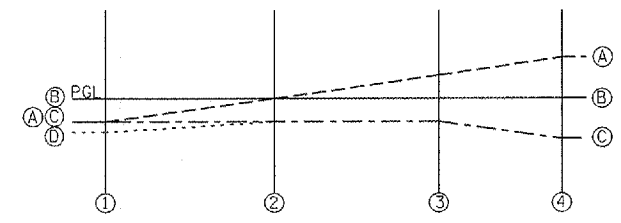
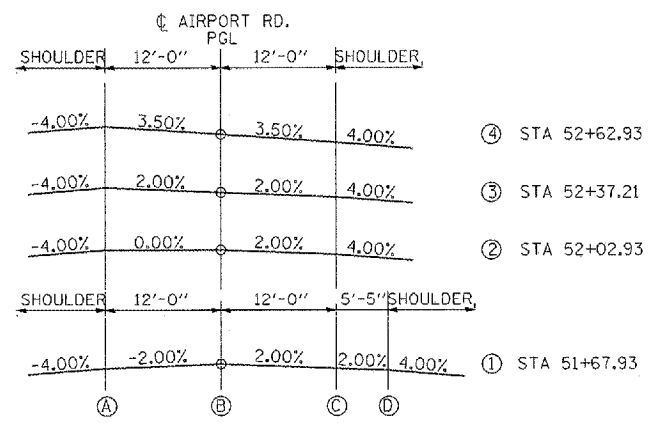
SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
(1) STA 38+00	-0.36	0.00	-0.36
(2) STA 38+84	0.00	0.00	-0.36
(3) STA 39+68	0.36	0.00	-0.36
(4) STA 40+52	0.72	0.00	-0.72



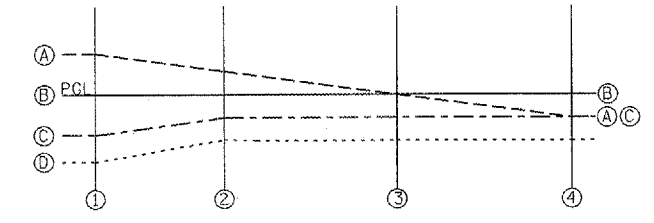
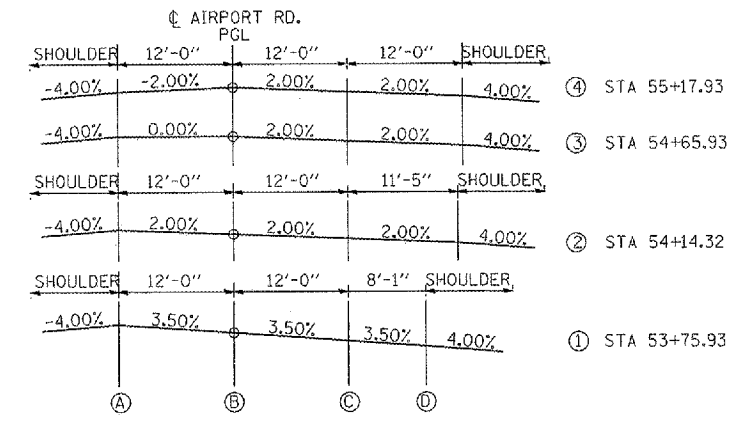
SECTION	OFFSET FROM PGL ELEVATION (ft)		
	A	B	C
(1) STA 45+10	0.72	0.00	-0.72
(2) STA 45+70	0.36	0.00	-0.36
(3) STA 46+90	-0.36	0.00	-0.36

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SECTION	OFFSET FROM PGL ELEVATION (ft)			
	A	B	C	D
① STA 51+67.93	-0.24	0.00	-0.24	-0.35
② STA 52+02.93	0.00	0.00	-0.24	-0.24
③ STA 52+37.21	0.24	0.00	-0.24	-
④ STA 52+62.93	0.42	0.00	-0.42	-

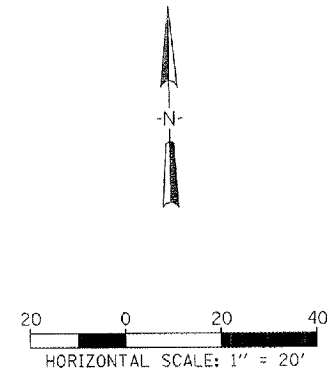
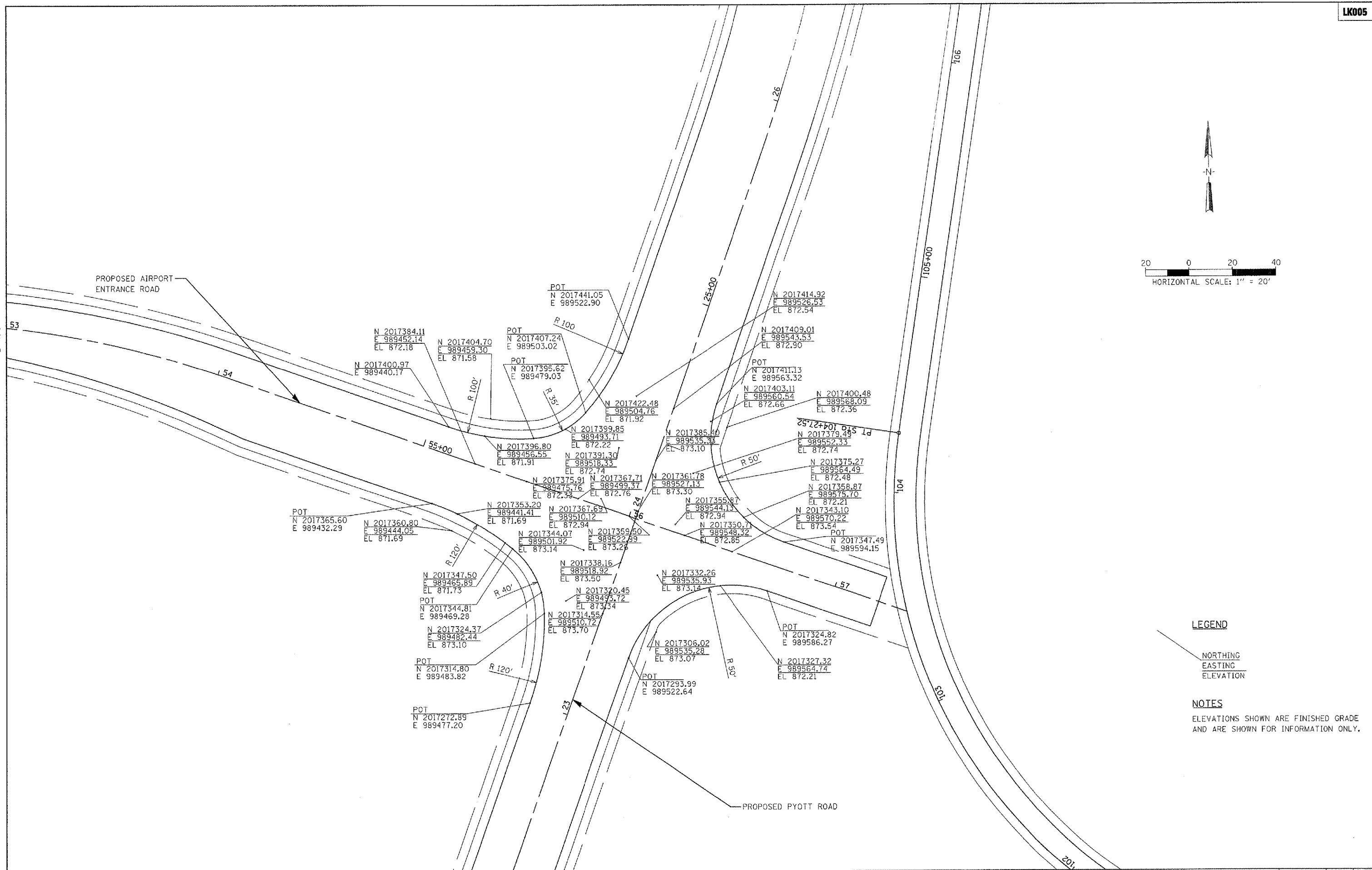


SECTION	OFFSET FROM PGL ELEVATION (ft)			
	A	B	C	D
① STA 53+75.93	0.42	0.00	-0.42	-0.70
② STA 54+14.32	0.24	0.00	-0.24	-0.47
③ STA 54+65.93	0.00	0.00	-0.24	-0.48
④ STA 55+17.93	-0.24	0.00	-0.24	-0.48

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**LEGEND**

NORTHING  
 EASTING  
 ELEVATION

**NOTES**

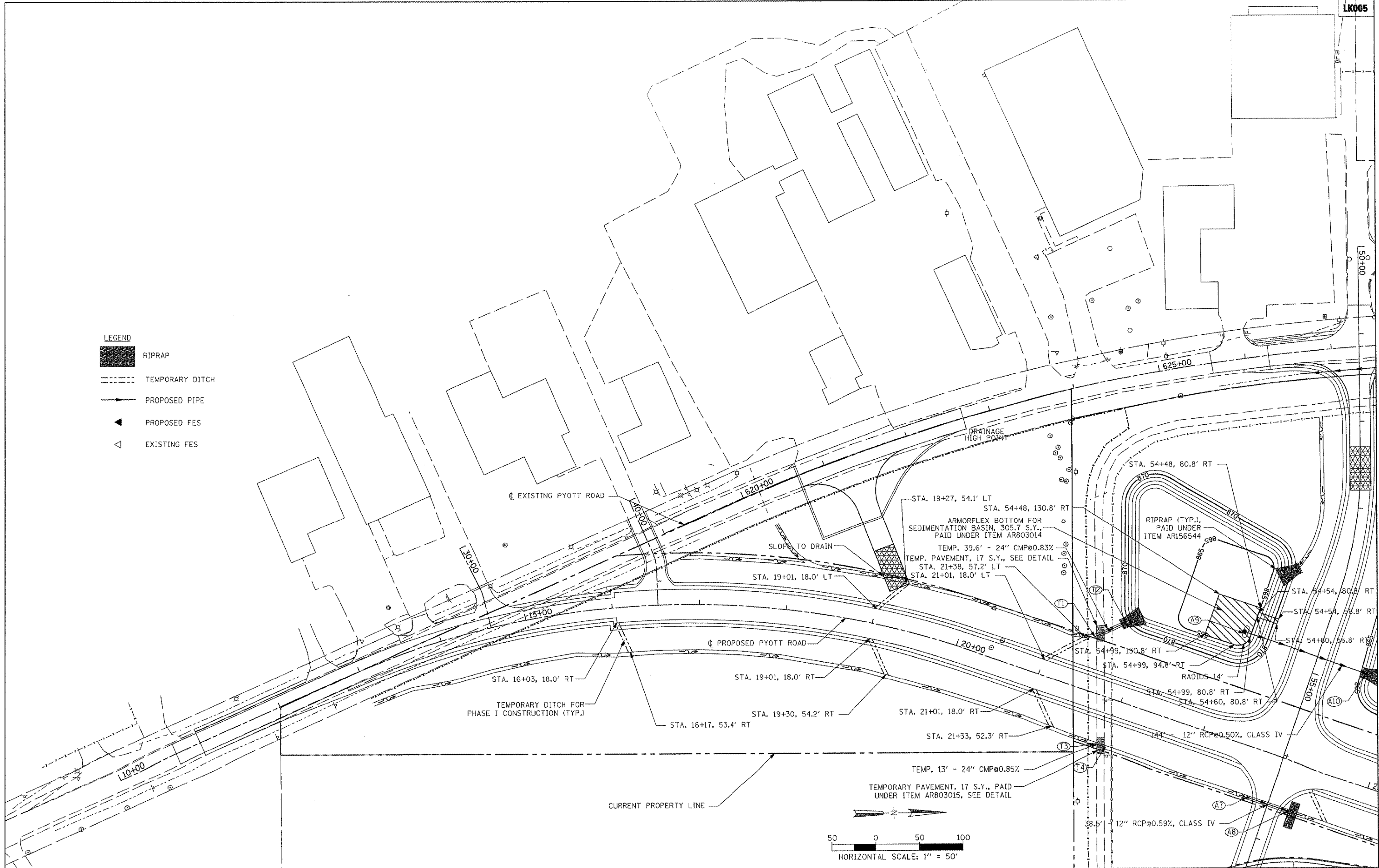
ELEVATIONS SHOWN ARE FINISHED GRADE  
 AND ARE SHOWN FOR INFORMATION ONLY.

FILE NAME = I:\05\Jobs\00041\0508021\Civil Part A\Sheet\0-INTGRD1.dwg	USER NAME = MoLau01058	DESIGNED - LDH	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PROPOSED PYOTT INTERSECTION PLAN AND ELEVATION DETAIL</b>	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 40.0000 / IN.	CHECKED - BLB	REVISED -	MCHENRY			120	25	
PLOT DATE = 02/29/08 06:16 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP No. 3-17-0112-08 ILLINOIS IDA NO. 30K-3671					
						SCALE: 1"=20'		

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- LEGEND**
- RIPRAP
  - TEMPORARY DITCH
  - PROPOSED PIPE
  - PROPOSED FES
  - EXISTING FES



FILE NAME =	USER NAME = McLou01058	DESIGNED - SJM	REVISED -
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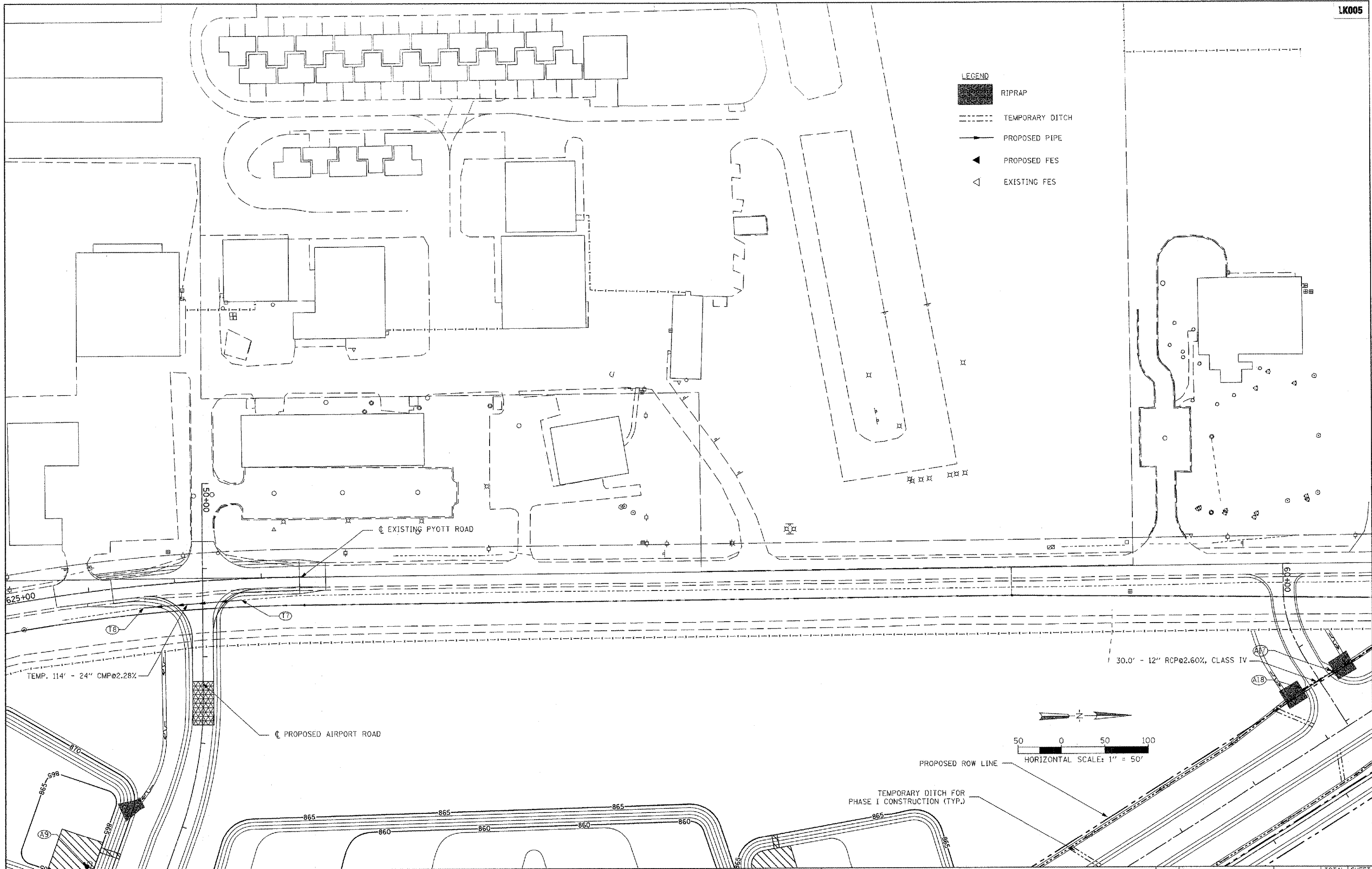
**VILLAGE OF  
LAKE IN THE HILLS, ILLINOIS**

**DRAINAGE PLAN  
PYOTT ROAD**

SCALE: 1"=50'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	26
FEDERAL AIP NO. 3-17-0112-BB ILLINOIS IDA NO. 3CK-3671		

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FILE NAME = J:\05\Jobs\00841\0588021\Civil Part 4\Sheet\A-C-DRN2.sht	USER NAME = MoLa01058	DESIGNED - SJM	REVISED -
		DRAWN - SJM	REVISED -
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PLOT DATE = 02/28/2008, 09:41 AM		DATE - 02/29/08	REVISED -

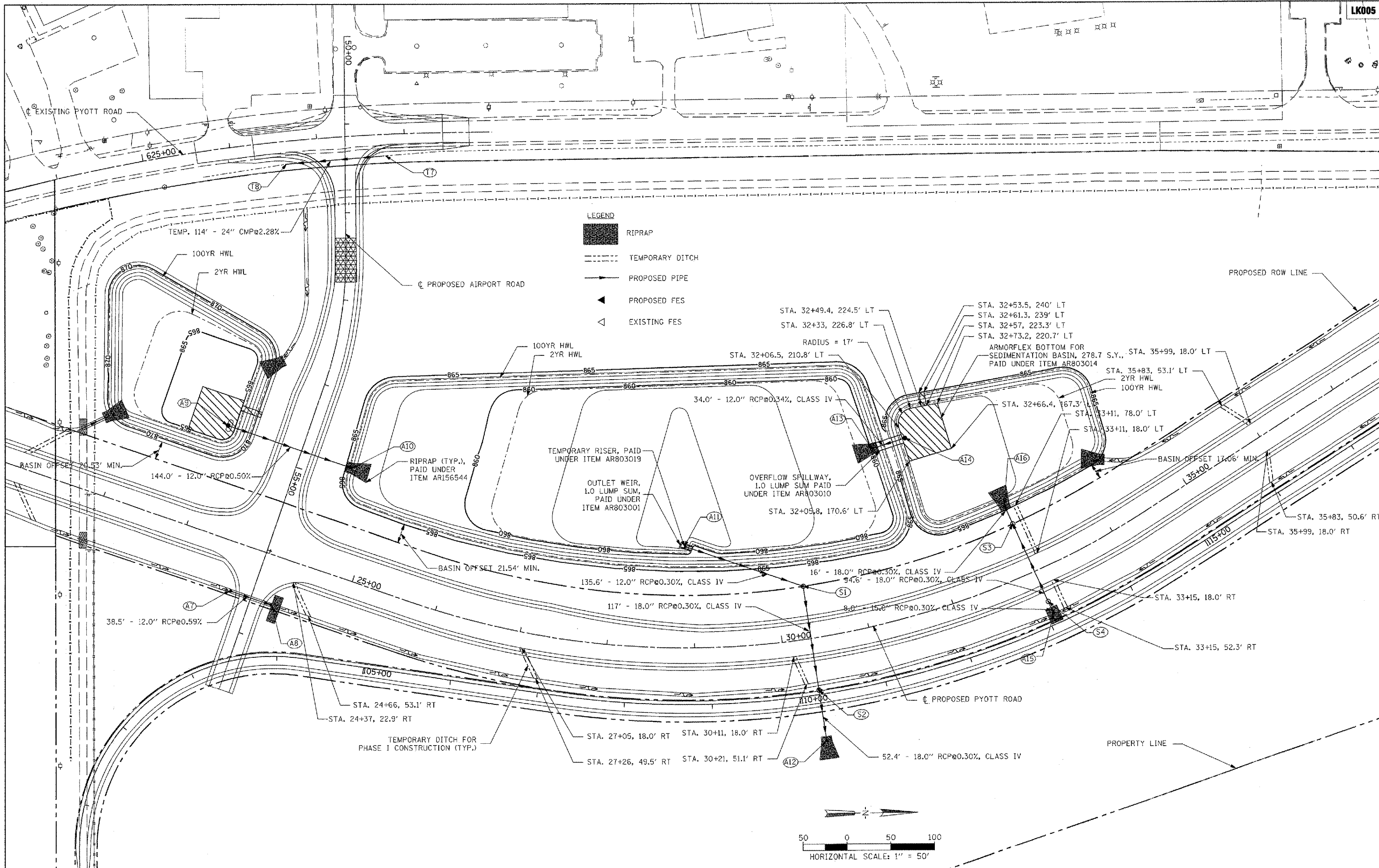
**VILLAGE OF  
LAKE IN THE HILLS, ILLINOIS**

**DRAINAGE PLAN  
PYOTT ROAD**

SCALE: 1"=50'

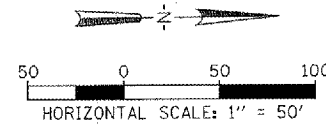
COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	27
FEDERAL AIP NO. 3-17-0112-BB ILLINOIS IDA NO. 3CK-3671		

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**LEGEND**

- RIPRAP
- TEMPORARY DITCH
- PROPOSED PIPE
- PROPOSED FES
- EXISTING FES



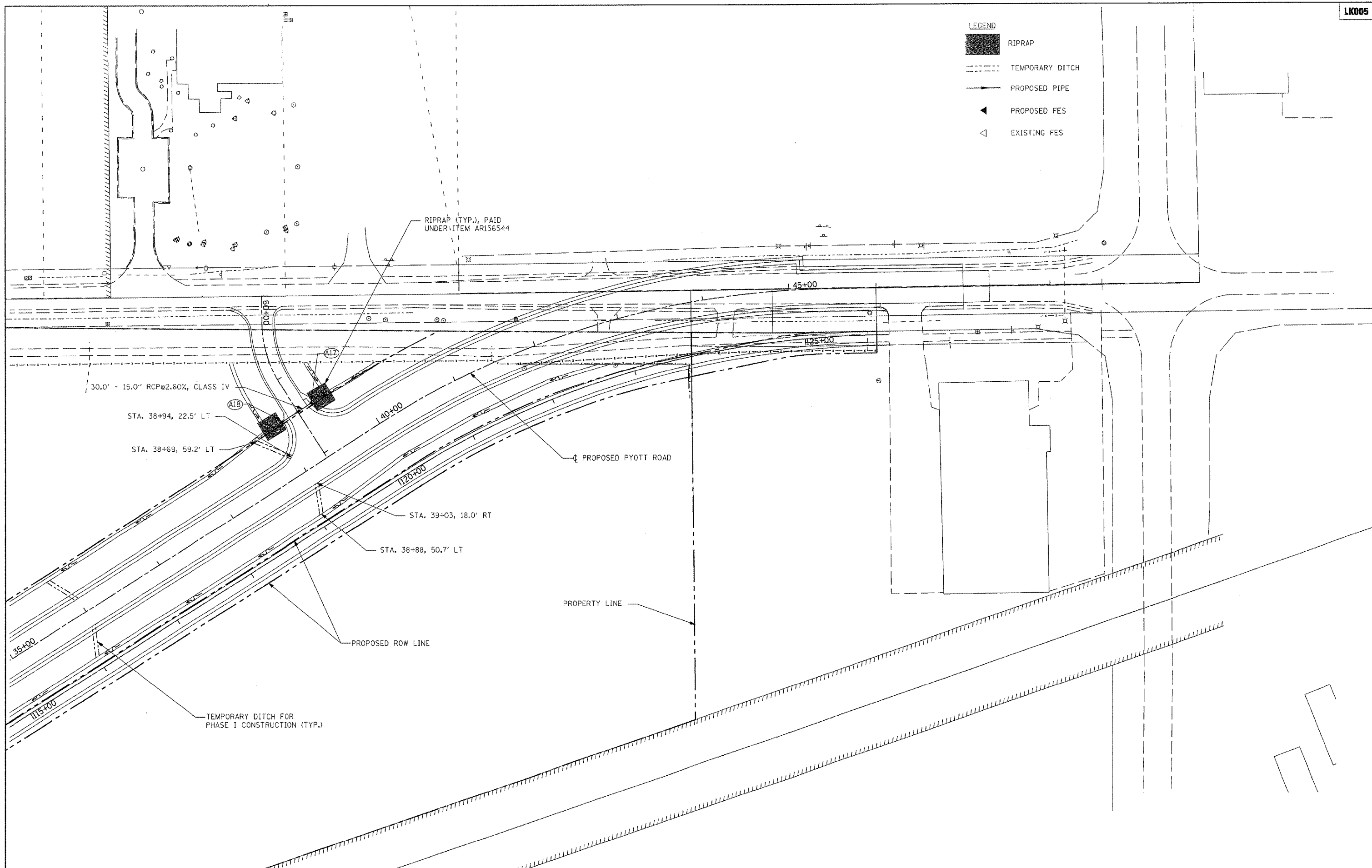
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PLOT SCALE = 1/8" = 1' / IN.	CHECKED - BLB	DATE - 02/29/08	REVISED -		MCHENRY	120	28		
PLOT DATE = 02/29/2008, 08:41 AM	DATE - 02/29/08	REVISED -	SCALE: 1" = 50'		FEDERAL AIP NO. 3-17-0112-B8	ILLINOIS	IDA NO. 3CK-3671		

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**LEGEND**

	RIPRAP
	TEMPORARY DITCH
	PROPOSED PIPE
	PROPOSED FES
	EXISTING FES



FILE NAME =	USER NAME = MoLeu01058	DESIGNED - SJM	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>DRAINAGE PLAN PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00641\0508021\Civil Part A\Sheets\C-DRN4.sht	DRAWN - SJM	REVISED -	MCHENRY			120	29	
PLOT SCALE = 100.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-0112-88			ILLINOIS	IDA NO. 3CX-3671	
PLOT DATE = 02/27/2008, 09:40 AM	DATE - 02/29/08	REVISED -						

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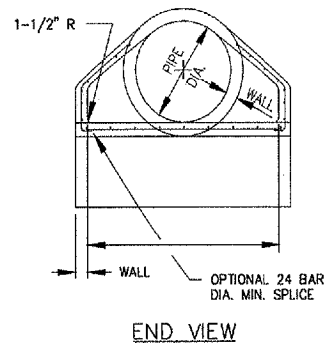


PIPE DIA.	WALL	A	B	C	D	E	R	SLOPE
12"	2"	4"	2'-0"	4'-0 7/8"	6'-0 7/8"	2'-0"	9"	3:1
15"	2 1/4"	6"	2'-3"	3'-10"	6'-1"	2'-6"	11"	3:1
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	12"	3:1
21"	2 3/4"	9"	2'-11"	3'-2"	6'-1"	3'-6"	13"	3:1
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	14"	3:1
27"	3 1/4"	10 1/2"	4'-0"	2'-1 1/2"	6'-1 1/2"	4'-6"	14 1/2"	3:1
30"	3 1/2"	1'-0"	4'-6 1/2"	1'-7 3/4"	6'-1 3/4"	5'-0"	15"	3:1
33"	3 3/4"	1'-1 1/2"	4'-10 1/2"	3'-3 1/4"	6'-1 3/4"	5'-6"	17 1/2"	3:1
36"	4"	1'-3"	5'-3"	2'-10 3/4"	6'-1 3/4"	6'-0"	20"	3:1
42"	4 1/2"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	22"	3:1
48"	5"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	22"	3:1
54"	5 1/2"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	24"	2.4:1

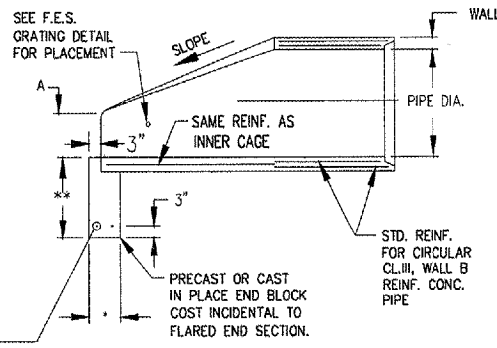
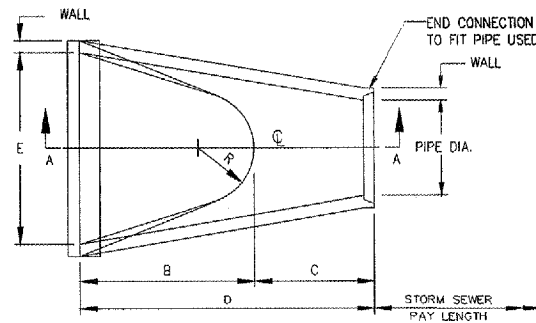
**NOTES**

- GRATING SHALL BE PAID FOR UNDER ITEM AR752518.
- THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ARTICLE 502.10 OF IDOT SPECIFICATIONS, WITH COST INCIDENTAL TO FLARED END SECTION.
- PRECAST CONCRETE FLARED END SECTIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-170 CLASS III, WALL B REINFORCED CONCRETE PIPE.

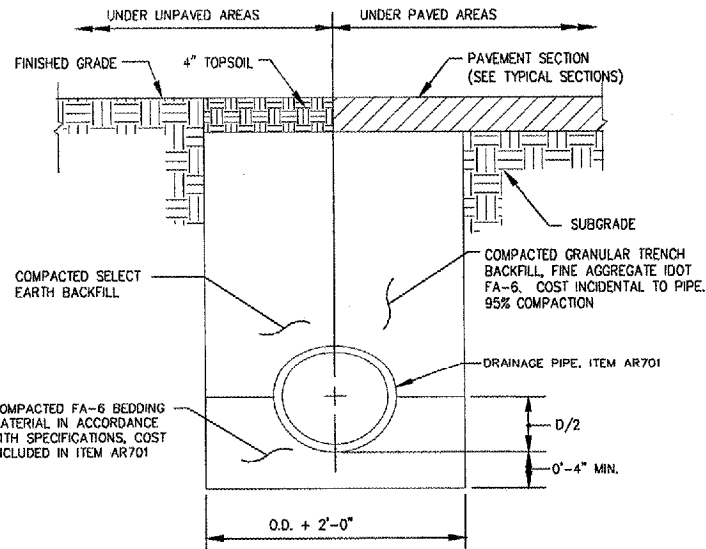
- \* 8" - 36" DIA. PIPE OR LESS
- 10" - GREATER THAN 36" DIA. PIPE
- \*\* 18" - 36" DIA. PIPE OR LESS
- 24" - GREATER THAN 36" DIA. PIPE



**PRECAST CONCRETE FLARED END SECTION**  
 (IDOT STANDARD 542301)



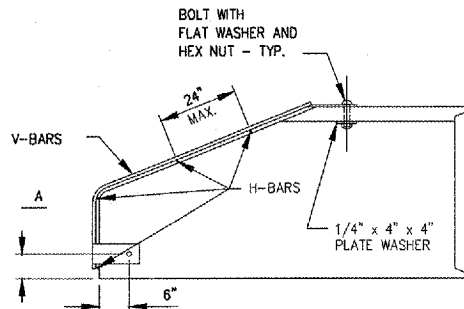
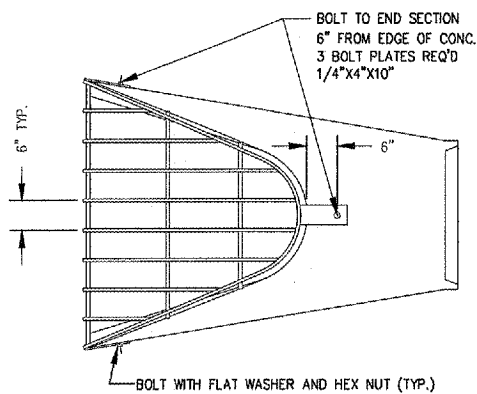
**SECTION A-A**



**NOTES**

- UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
- WITHIN 3 FEET OF FUTURE PAVED AREA OR GRAVEL SHOULDERS, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.

**PIPE TRENCH**

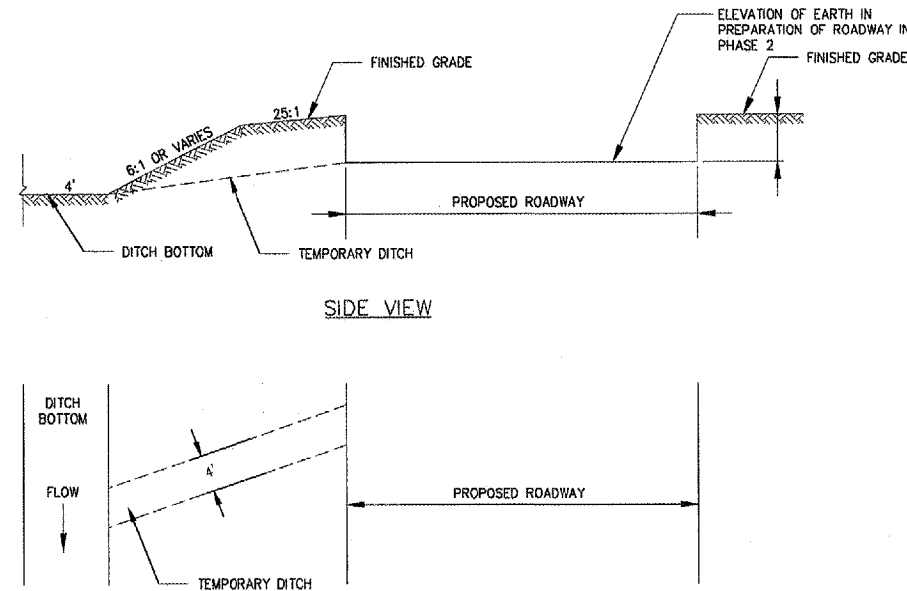


**GRATING FOR FLARED END SECTION**

DIA. INCHES	V-BAR SIZE	H-BAR SIZE	No. OF H-BARS REQ'D.	BOLT DIA.	"A" DIM.
					INCHES
12	1/2@	5/8@	3	1/2	4
15	1/2@	5/8@	3	1/2	4 1/2
18	1/2@	5/8@	4	1/2	4 1/2
21	1/2@	5/8@	4	1/2	5
24	5/8@	3/4@	4	1/2	5
27	5/8@	3/4@	4	1/2	5 1/2
30	5/8@	3/4@	4	1/2	5 1/2
36	3/4@	1@	4	3/4	8
42	3/4@	1@	4	3/4	8
48	3/4@	1@	5	3/4	8
54	3/4@	1-1/2 PIPE	5	3/4	8
24 X 38 ELLIPTICAL	3/4@	1@	5	3/4	8

**NOTES**

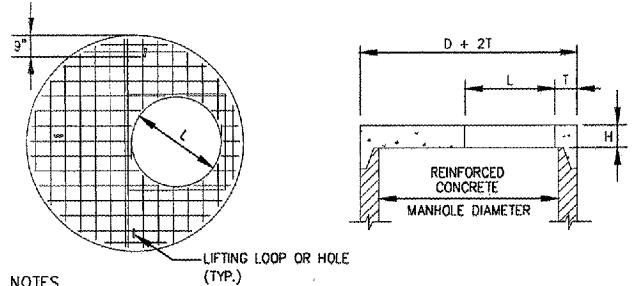
- BARS AND PLATES ARE HOT ROLLED STEEL.
- BARS, PLATES, PIPE AND BOLTS ARE GALVANIZED.



**NOTES**

- DITCHES ARE 4' WIDE.
- FOR SPECIFIC LOCATION OF TEMPORARY DITCHES SEE PLAN SHEET. CALLOUTS ARE TO THE CENTERLINE OF TEMPORARY DITCH.
- NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DITCH.

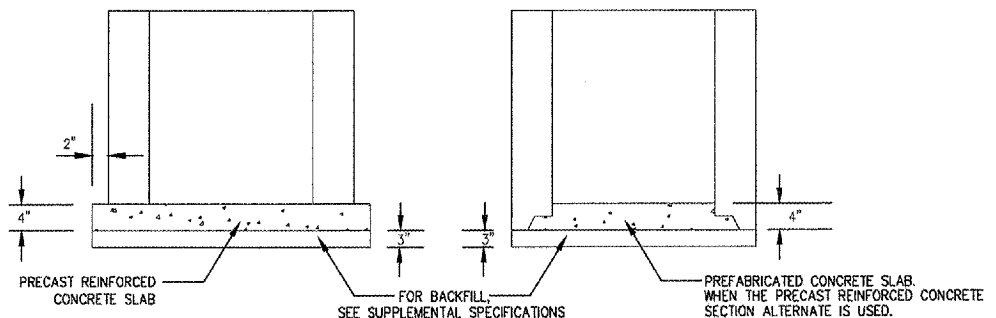
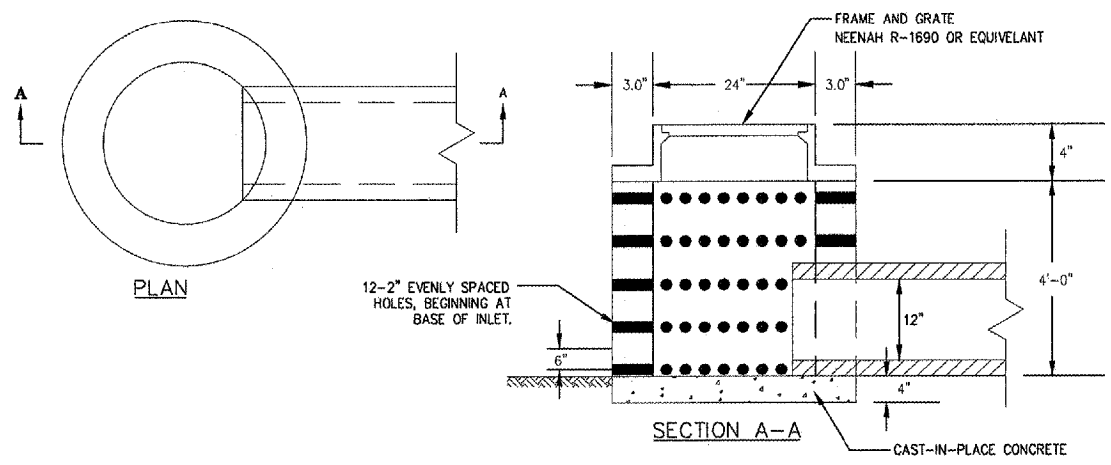
**TEMPORARY DITCH**



**NOTES**

1. ADDITIONAL TOP AND BOTTOM BARS PLACED ADJACENT TO ACCESS HOLE.
2. MINIMUM 1" COVER ON STEEL BARS.
3. THREE LIFTING LOOPS OR HOLES.
4. MINIMUM STEEL REINFORCEMENT IN EACH DIRECTION TO BE WWF 1.06 SQ. IN./FT. IN ACCORDANCE WITH AASHTO M199 AND IDOT STANDARDS.
5. FOR "L" DIMENSION SEE STORM SEWER SCHEDULES.

**PRECAST REINFORCED CONCRETE FLAT SLAB TOP**  
(IDOT STANDARD 602601)



**INLET - SPECIAL**  
**INLET TYPE A - MODIFIED FOR SEDIMENTATION BASIN OUTLET**

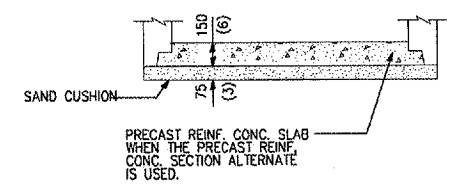
PAID UNDER ITEM AR803011

**MANHOLE DATA**

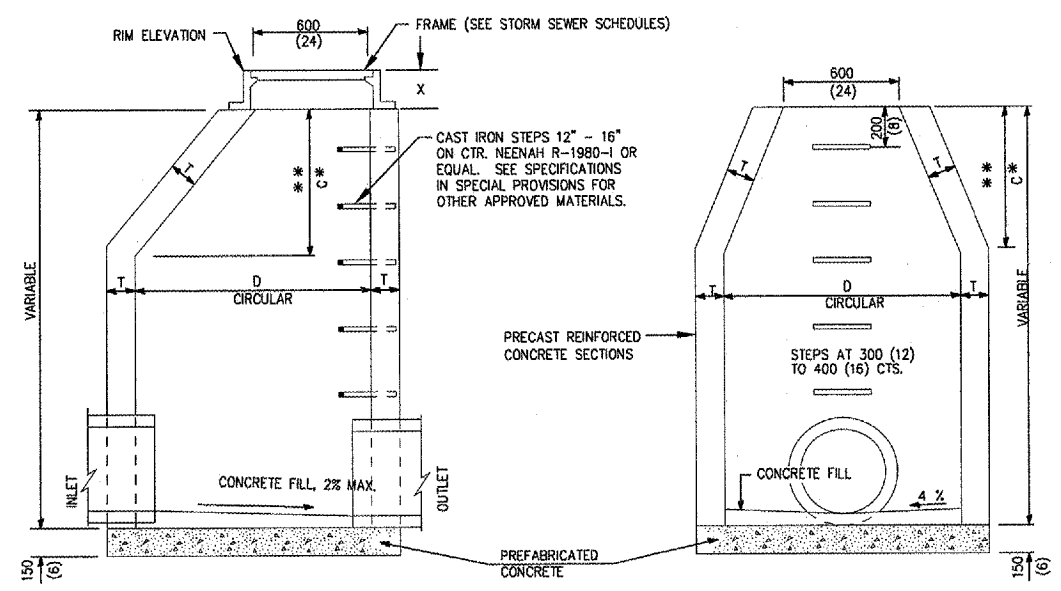
INSIDE DIA. "D" (IN.)	WALL THICKNESS "T" (IN.)	TOP THICKNESS "H" (IN.)	BOTTOM THICKNESS "B" (IN.)
48	5	6	6
60	5	8	8
72	6	8	8
96	8	8	8

**NOTES**

1. FOR FRAME AND LID INFORMATION SEE STORM SEWER SCHEDULES.
2. CENTER OF FRAME TO BE USED FOR LOCATING STRUCTURE. FOR STRUCTURE LOCATIONS AND ADDITIONAL INFORMATION SEE SCHEDULE.
3. ALL STRUCTURES TO BE PRECAST REINFORCED CONCRETE SECTIONS; BENCHES MAY BE CAST IN PLACE.
4. 2" PRECAST ADJUSTING RINGS MAY NOT BE USED FOR ADJUSTMENTS GREATER THAN 3".
5. INTERIOR JOINTS SHALL BE "DRESSED UP" WITH HYDRAULIC CEMENT OR PORTLAND CEMENT FOR STRENGTH AND WATER TIGHT BOND.



**ALTERNATE BOTTOM SLAB**



**ELEVATION - ECCENTRIC**

**ELEVATION - CONCENTRIC**

**GENERAL NOTES**

- \* Dimension "C" for Precast Reinforced Concrete Sections may vary from the dimension given to plus 150 mm (6").
  - \*\* See Standard 602601 for Precast Reinforced Concrete Flat Slab Top.
- All dimensions are in millimeters (inches) unless otherwise shown.

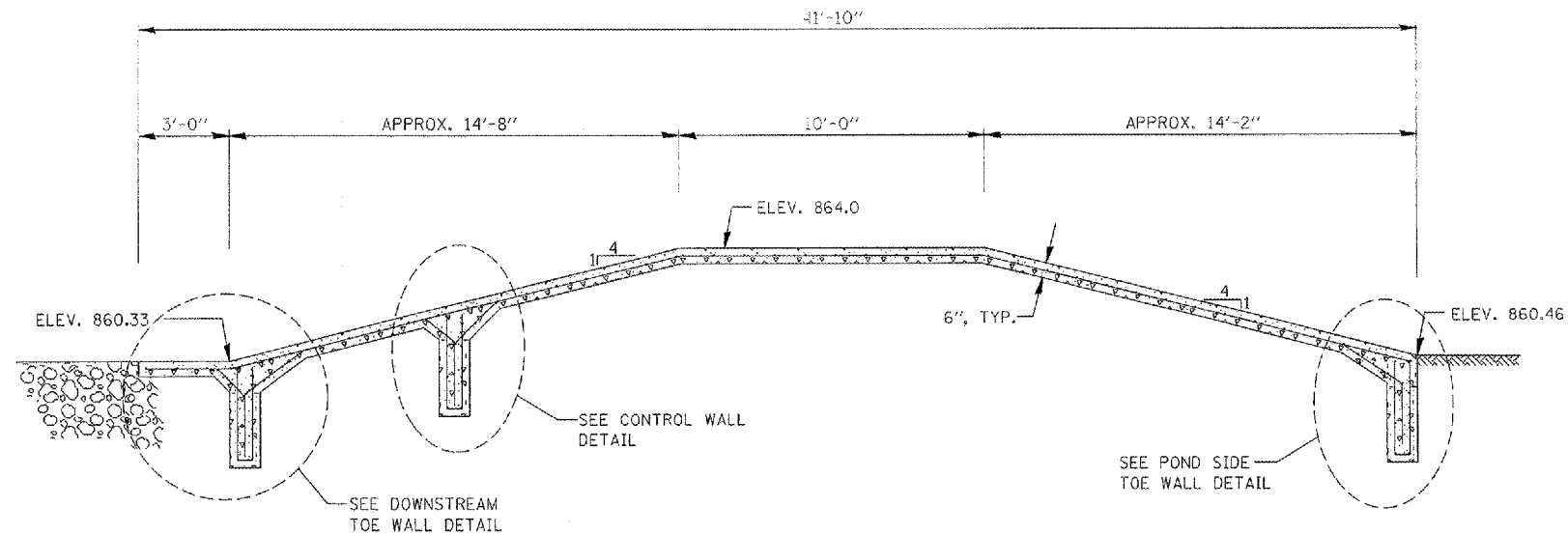
**MANHOLE TYPE A**  
STANDARD 602401-01

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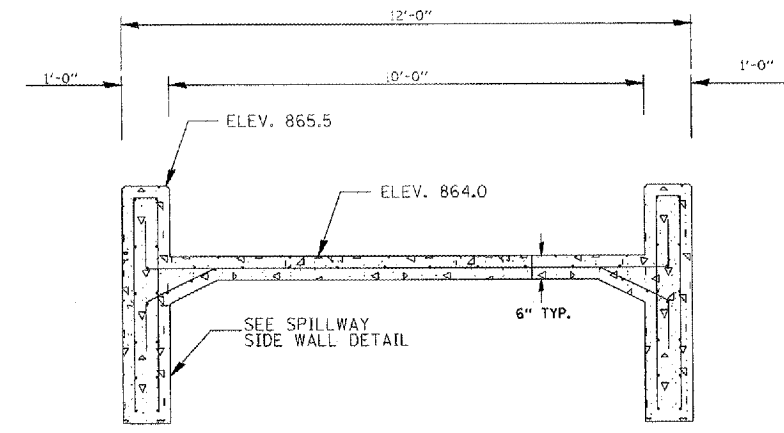


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PLOT SCALE = 2.0000' / IN.	CHECKED - BLB	DATE - 02/25/08	REVISED -			MCHENRY	120	31
PLOT DATE = 02/27/2008, 09:42 AM	DATE - 02/25/08	REVISED -	FEDERAL AIP NO. 3-17-0112-BB			ILLINOIS	IDA NO. 3CK-3671	

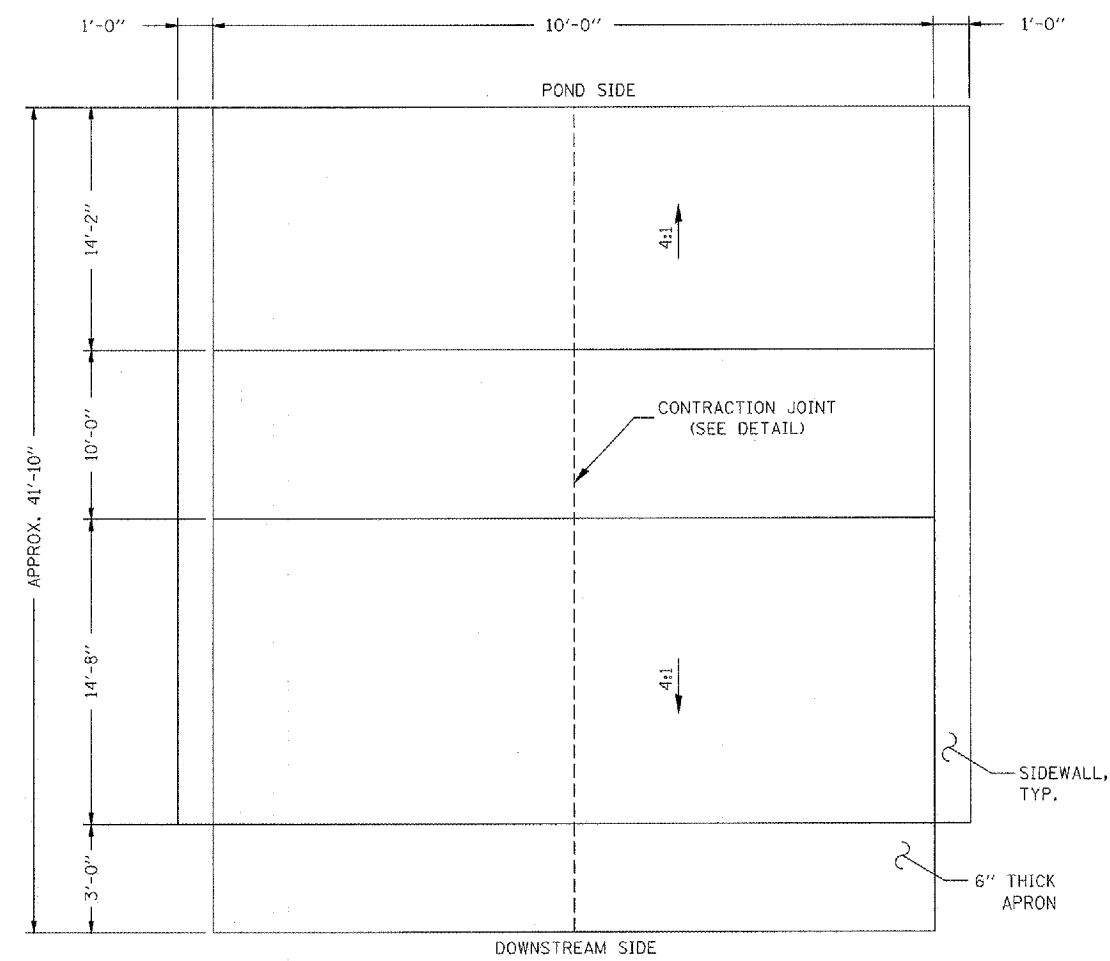
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**SPILLWAY TYPICAL CROSS SECTION**  
 (SIDE WALLS OMITTED FOR CLARITY)



**SPILLWAY CROSS SECTION AT CREST**



**SPILLWAY PLAN VIEW**

**CAST-IN-PLACE CONCRETE:** ALL CONCRETE SHALL BE AIR-ENTRAINED CONTAINING NOT LESS THAN 5 PERCENT AND NO MORE THAN 8 PERCENT AIR BY VOLUME.

CONCRETE SHALL BE ITEM 610 (CLASS S1) WITH AN ULTIMATE COMPRESSIVE STRENGTH OF NOT LESS THAN 3500 PSI IN 14 DAYS. MAXIMUM SIZE OF COURSE AGGREGATE SHALL BE ONE INCH. THE MINIMUM CONCRETE COVER ON REINFORCEMENT SHALL BE TWO INCHES UNLESS INDICATED OTHERWISE. EXPOSED CONCRETE EDGES SHALL BE BEVELLED 3/4".

KEYED CONSTRUCTION JOINTS SHALL BE ABRASIVE BLAST CLEANED TO EXPOSE AGGREGATE. THESE SURFACES SHALL BE DAMPENED BEFORE ADDITIONAL CONCRETE IS PLACED. NO ADDITIONAL CONSTRUCTION JOINTS SHALL BE INSTALLED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

PRIOR TO PLACING CONCRETE, THE SUBGRADE SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR.

**REINFORCEMENT:** UNLESS NOTED OTHERWISE, STEEL BARS FOR REINFORCEMENT SHALL BE DEFORMED BILLET-STEEL BARS CONFORMING TO THE REQUIREMENTS OF THE CURRENT ASTM DESIGNATION: A615, GRADE 60 OR A706.

FABRICATION OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE CURRENT C.R.S.I. MANUAL OF STANDARD PRACTICE. THE REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL JOINTS.

REINFORCEMENT WIRE BAR SUPPORTS THAT ARE IN CONTACT WITH FORMS SHALL BE CLASS 1, PLASTIC PROTECTED, IN ACCORDANCE WITH CHAPTER 3 OF THE CURRENT C.R.S.I. MANUAL OF STANDARD PRACTICE.

**PAYMENT:** ALL WORK FOR THIS ITEM WILL BE PAID UNDER ITEM AR803010.

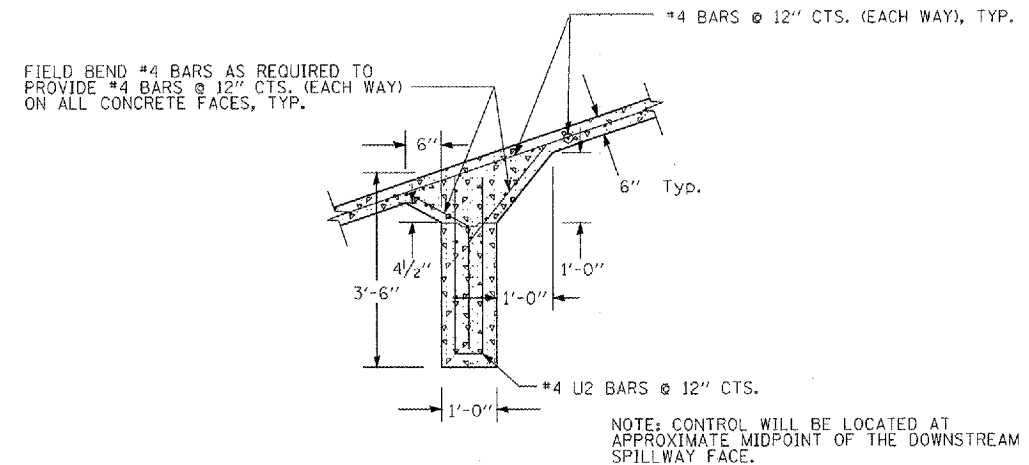
**ATTENTION - UTILITY NOTE**

THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

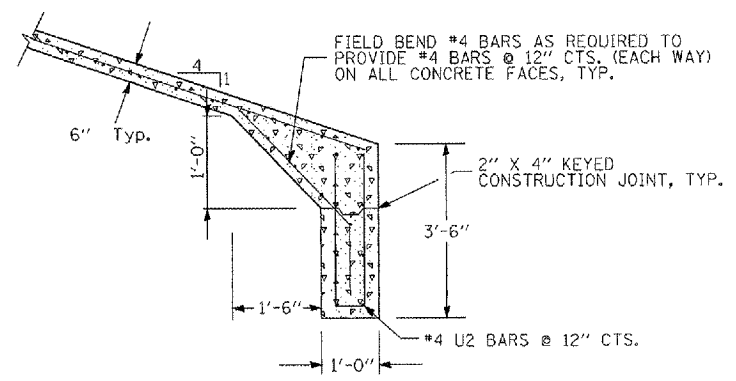
FILE NAME =	USER NAME = MoLeu01058	DESIGNED - SJM	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PYOTT ROAD OVERFLOW SPILLWAY DETAILS</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\08041\0508021\Civil Part A\Sheets\C-DRMS Spillway Details.sht	DRAWN - SJM	REVISED -	MCHENRY			120	32	
PLOT SCALE = 2.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 5-17-0112-98 ILLINOIS IDA NO. 3CK-3671					
PLOT DATE = 02/27/2008, 08:44 AM	DATE - 02/29/08	REVISED -						



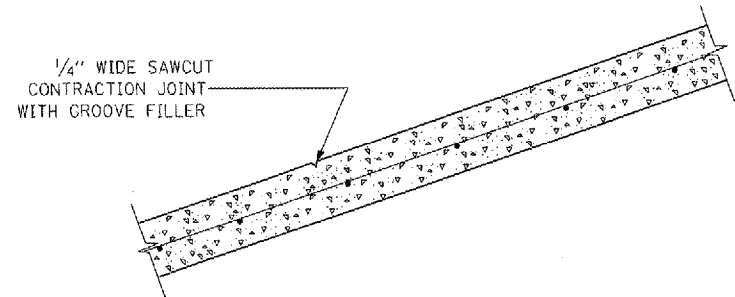
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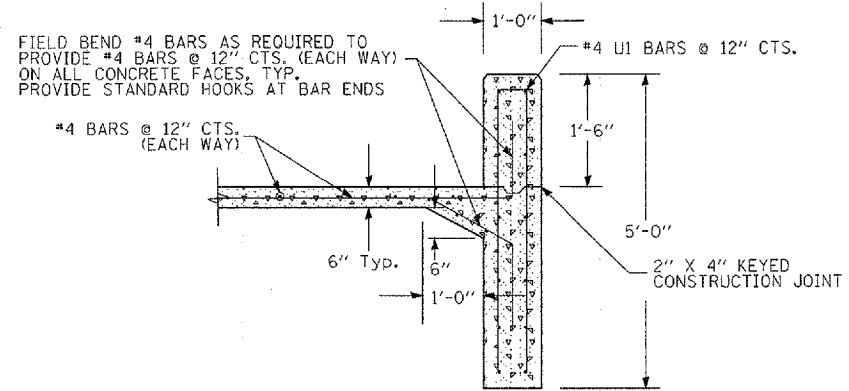
**CONTROL WALL FOR DOWNSTREAM SPILLWAY FACE**



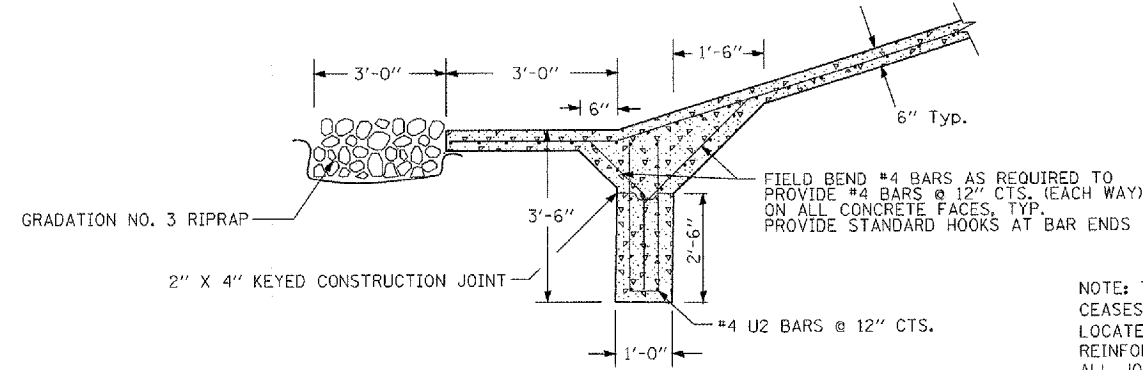
**TOE WALL FOR POND SIDE OF SPILLWAY**



**SAWED CONTRACTION JOINT**



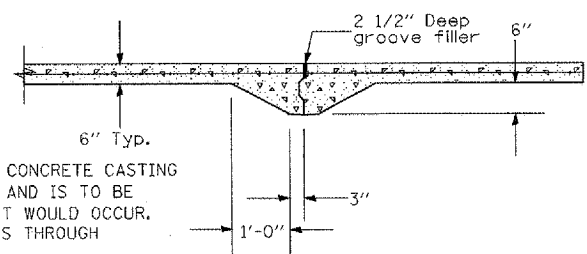
**SPILLWAY SIDE WALL**



**TOE WALL FOR DOWNSTREAM SPILLWAY FACE**

NOTE: PROVIDE #4 BARS @ 12" CTS. (EACH WAY) ON ALL CONCRETE FACES, TYP.

NOTE: THIS JOINT TO BE USED WHEN CONCRETE CASTING CEASES FOR MORE THAN 30 MINUTES AND IS TO BE LOCATED WHERE A CONTRACTION JOINT WOULD OCCUR. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL JOINTS.



**KEYED CONSTRUCTION JOINT**

REINFORCING BENDING DETAILS					
MARK	SIZE	TYPE	A	B	LENGTH
4U1	4	U	8"	4'-8"	6'-0"
4U2	4	U	8"	3'-2"	4'-6"

BAR U

ALL DIMENSIONS ARE OUT-TO-OUT OF BARS

NOTE: ADDITIONAL REINFORCEMENT BARS ARE REQUIRED IN ADDITION TO THOSE DETAILED IN THE ADJACENT TABLE. FIELD TRIM 4U1 AND 4U2 BARS AS REQUIRED.

**CAST-IN-PLACE CONCRETE:** ALL CONCRETE SHALL BE AIR-ENTRAINED CONTAINING NOT LESS THAN 5 PERCENT AND NO MORE THAN 8 PERCENT AIR BY VOLUME.

CONCRETE SHALL BE ITEM 610 (CLASS S1) WITH AN ULTIMATE COMPRESSIVE STRENGTH OF NOT LESS THAN 3500 PSI IN 28 DAYS. MAXIMUM SIZE OF COURSE AGGREGATE SHALL BE ONE INCH. THE MINIMUM CONCRETE COVER ON REINFORCEMENT SHALL BE TWO INCHES UNLESS INDICATED OTHERWISE. EXPOSED CONCRETE EDGES SHALL BE BEVELLED 3/4".

KEYED CONSTRUCTION JOINTS SHALL BE ABRASIVE BLAST CLEANED TO EXPOSE AGGREGATE. THESE SURFACES SHALL BE DAMPENED BEFORE ADDITIONAL CONCRETE IS PLACED. NO ADDITIONAL CONSTRUCTION JOINTS SHALL BE INSTALLED WITHOUT PRIOR APPROVAL OF THE ENGINEER.

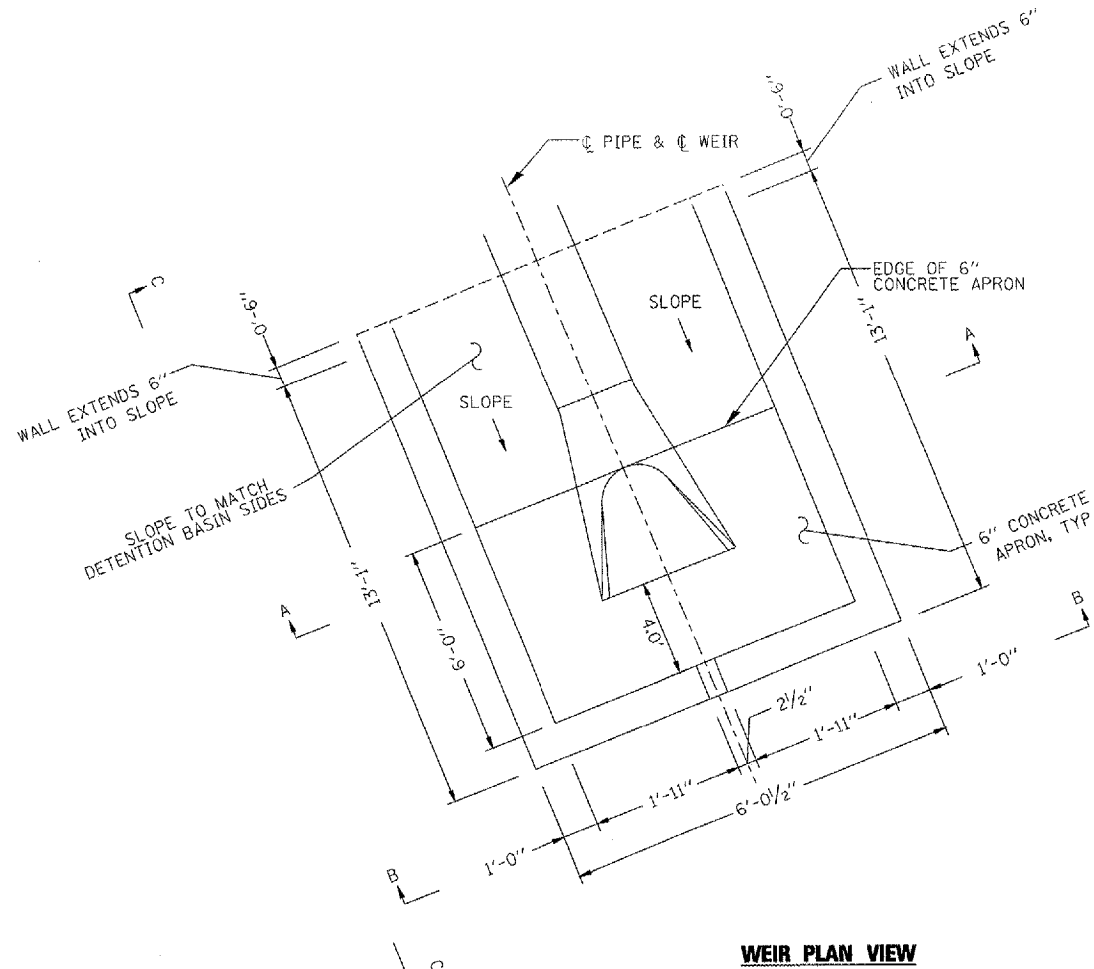
PRIOR TO PLACING CONCRETE, THE SUBGRADE SHALL BE COMPACTED TO 95 PERCENT OF STANDARD PROCTOR.

**REINFORCEMENT:** UNLESS NOTED OTHERWISE, STEEL BARS FOR REINFORCEMENT SHALL BE DEFORMED BILLET-STEEL BARS CONFORMING TO THE REQUIREMENTS OF THE CURRENT ASTM DESIGNATION: A615, GRADE 60 OR A706.

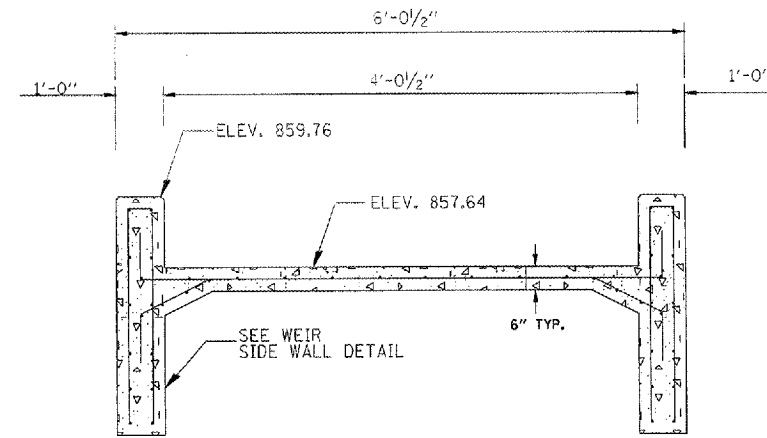
FABRICATION OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH CHAPTER 7 OF THE CURRENT C.R.S.I. MANUAL OF STANDARD PRACTICE. THE REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL JOINTS.

REINFORCEMENT WIRE BAR SUPPORTS THAT ARE IN CONTACT WITH FORMS SHALL BE CLASS 1, PLASTIC PROTECTED, IN ACCORDANCE WITH CHAPTER 3 OF THE CURRENT C.R.S.I. MANUAL OF STANDARD PRACTICE.

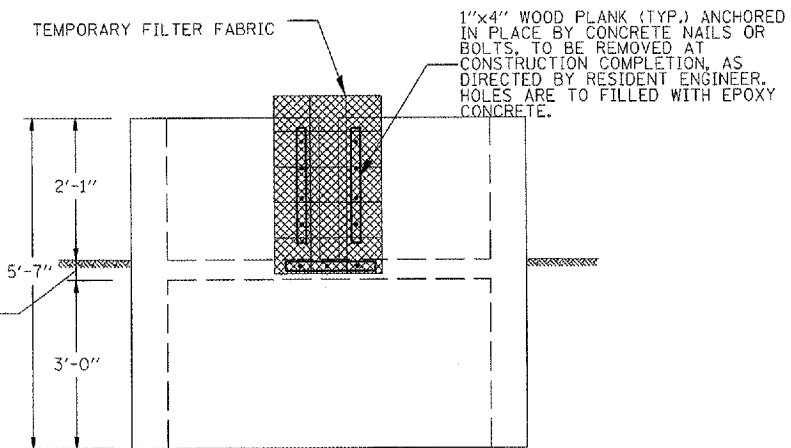
**PAYMENT:** ALL WORK FOR THIS ITEM WILL BE PAID UNDER ITEM AR803001.



**WEIR PLAN VIEW**

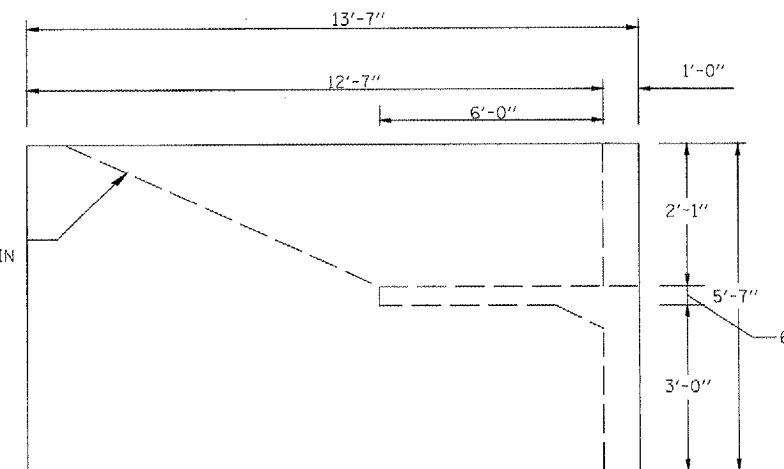


**WEIR CROSS SECTION AT A-A**  
(OUTLET PIPE OMITTED FOR CLARITY)



**VIEW B-B - FRONT FACE**

NOTE: PROVIDE #4 BARS @ 12" CTS. (EACH WAY) ON ALL CONCRETE FACES, TYP.



**SIDE VIEW C-C**

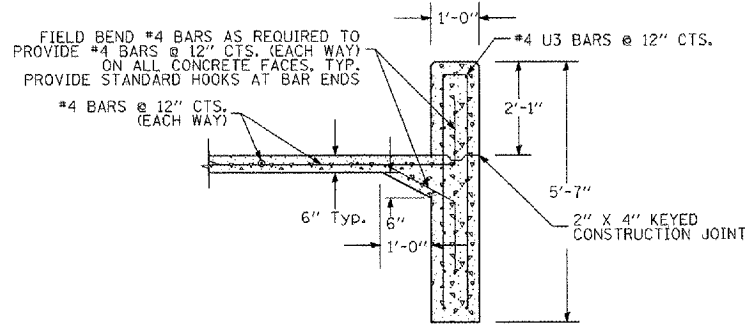
**ATTENTION - UTILITY NOTE**

THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY OWNER, ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED AMONG THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS, ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

NOTE: ADDITIONAL REINFORCEMENT BARS ARE REQUIRED IN ADDITION TO THOSE DETAILED IN THE ADJACENT TABLE. FIELD TRIM 4U3 BARS AS REQUIRED.

REINFORCING BENDING DETAILS					
MARK	SIZE	TYPE	A	B	LENGTH
4U3	4	J	8"	5'-2"	11'-0"

ALL DIMENSIONS ARE OUT-TO-OUT OF BARS



**WEIR FRONT AND SIDE WALL**

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FILE NAME = I:\05Jobs\00041\0598021\Civil Part A\Sheets\VC-DR5c Weir Details.sht	USER NAME = Mclou01028	DESIGNED - SJM	REVISED -	SCALE:	FEDERAL AIP NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CX-3871
PLOT SCALE = 2.0000 ' / IN.	CHECKED - BLB	DATE - 02/29/08	REVISED -				

**STORMSEWER SCHEDULE:**

Structure	Station	Offset	Type	Diameter	Rim El.	Invert El.	Pay Length	Size	Slope %	
A7	23+71.12	56.30	RT	FES	12	N/A	SW 870.00	38.5	12.0	0.59
A8	24+21.81	57.00	RT	FES	12	N/A	NE 869.70			
A9	23+07.54	122.89	LT	Modified Inlet	12	N/A	SW 864.00	144.0	12.0	0.50
A10	24+57.01	122.89	LT	FES	12	N/A	NE 863.25			
A11	28+85.84	120.55	LT	FES	12	N/A	W 857.64	135.6	12.0	0.30
SI	30+33.75	60.00	LT	Manhole	48	865.94	SW 857.22 E 857.22	117.0	18.0	0.30
S2	30+33.75	60.00	RT	Manhole	48	866.64	W 856.86 E 856.86	52.4	18.0	0.30
A12	30+33.75	120.04	RT	FES	18	N/A	E 856.69			
A13	31+63.99	197.38	LT	FES	12	N/A	S 860.33	34.0	12.0	0.34
A14	32+10.77	197.38	LT	Modified Inlet	12	N/A	N 860.46			
A15	33+00.00	57.16	RT	FES	15	N/A	E 863.95	8.0	15.0	0.30
S4	33+00.00	37.60	RT	Manhole	48	866.50	E 863.90 W 863.90	94.6	18.0	0.30
S3	33+00.00	60.00	LT	Manhole	48	865.18	E 863.62 W 863.62	16.0	18.0	0.30
A16	33+00.00	83.60	LT	FES	18	N/A	W 863.54			
A17	39+47.97	62.34	LT	FES	15	N/A	NW 877.54	30.0	15.0	2.60
A18	39+05.87	62.34	LT	FES	15	N/A	SE 876.37			
T1	21+47.07	61.56	LT	CMP		N/A	S 871.33 Temp	39.6	24.0	0.83
T2	21+75.63	88.91	LT	CMP		N/A	N 871.00 Temp			
T3	21+86.98	53.26	RT	CMP		N/A	S 871.33 Temp	13.0	24.0	0.85
T4	21+99.88	53.12	RT	CMP		N/A	N 871.22 Temp			
T7	51+36.80	44.73	LT	CMP		N/A	N 882.78 Temp	114.0	24.0	2.29
T8	51+45.20	68.22	RT	CMP		N/A	S 880.17 Temp			

**FRAME AND LID DATA:**

Structure	Structure Type	Diameter "D" (in.)	Frame Height "X" (in)	Hole Opening "L" (in)	Frame & Cover Type (Neenah)
A9	Inlet	24	4	24	R-1690
SI	Manhole	48	4	24	R-1690
S2	Manhole	48	4	24	R-1690
A14	Inlet	24	4	24	R-1690
S3	Manhole	48	4	24	R-1690
S4	Manhole	48	4	24	R-1690

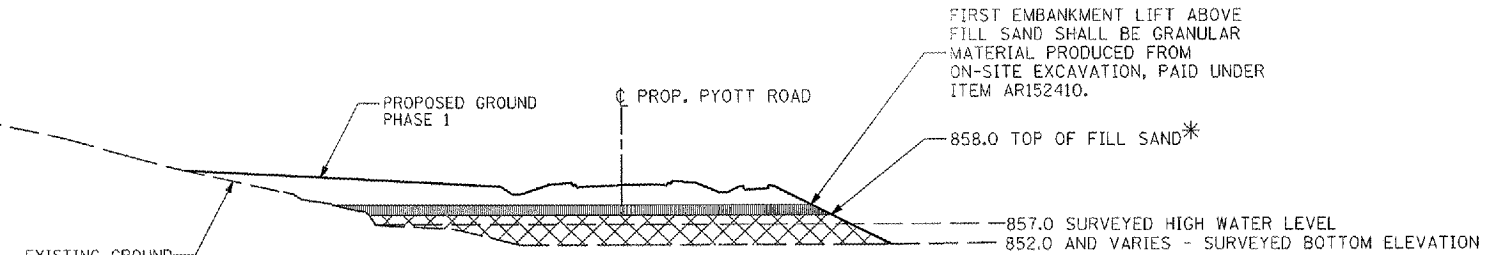
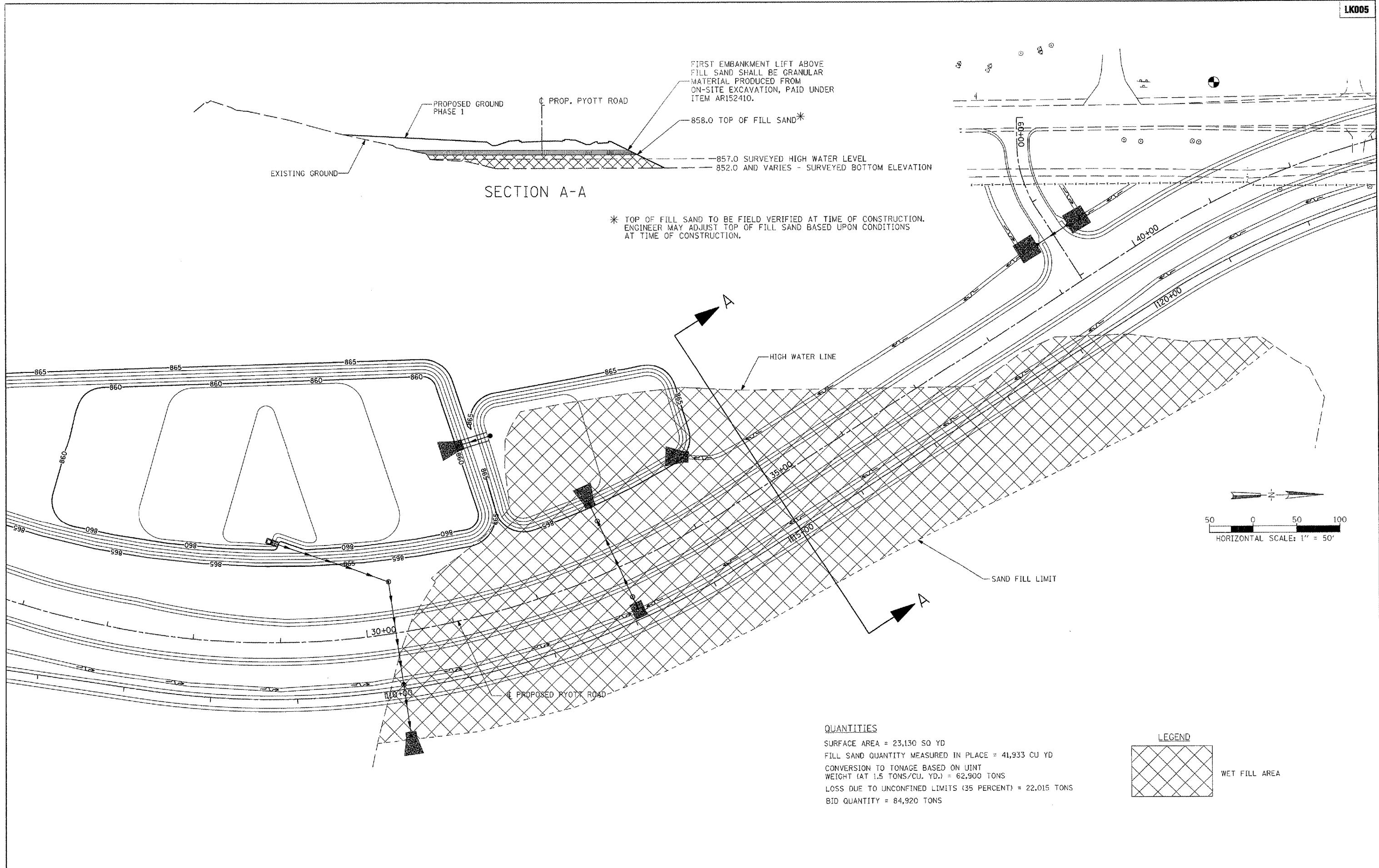
**NOTES:**

- EXISTING PIPES SHALL BE CLEANED, ADJUSTED, OR REPAIRED AS NEEDED. THIS WILL BE INCIDENTAL TO THE CONTRACT.
- SEE DETAILS FOR ADDITIONAL MANHOLE AND FLARED END SECTION INFORMATION.
- ALL MANHOLES TO HAVE FLAT SLAB TOP, SEE DETAIL.
- STATIONING AND OFFSETS BASED ON ALIGNMENTS SHOWN. ENGINEER WILL PROVIDE BENCHMARKS WITH STATION, OFFSET, AND ELEVATION FOR THE CONTRACTORS USE.
- ALL MANHOLE STRUCTURES TO BE PRECAST.
- MANHOLES ARE LOCATED TO THE CENTERLINE OF THE FRAME AND GRATE. THE CONTRACTOR IS RESPONSIBLE FOR FABRICATING AND OFFSETTING THE STRUCTURES AS NEEDED TO ALLOW FOR PROPER PLACEMENT OF THE FRAME AND GRATE.
- FRAME AND GRATE ARE INCIDENTAL TO THE MANHOLE OR INLET STRUCTURE.

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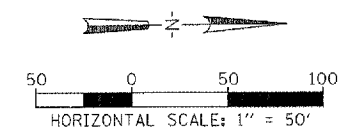


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SECTION A-A

\* TOP OF FILL SAND TO BE FIELD VERIFIED AT TIME OF CONSTRUCTION.  
 ENGINEER MAY ADJUST TOP OF FILL SAND BASED UPON CONDITIONS  
 AT TIME OF CONSTRUCTION.



**QUANTITIES**

SURFACE AREA = 23,130 SQ YD  
 FILL SAND QUANTITY MEASURED IN PLACE = 41,933 CU YD  
 CONVERSION TO TONNAGE BASED ON UNIT WEIGHT (AT 1.5 TONS/CU. YD.) = 62,900 TONS  
 LOSS DUE TO UNCONFINED LIMITS (35 PERCENT) = 22,015 TONS  
 BID QUANTITY = 84,920 TONS

**LEGEND**



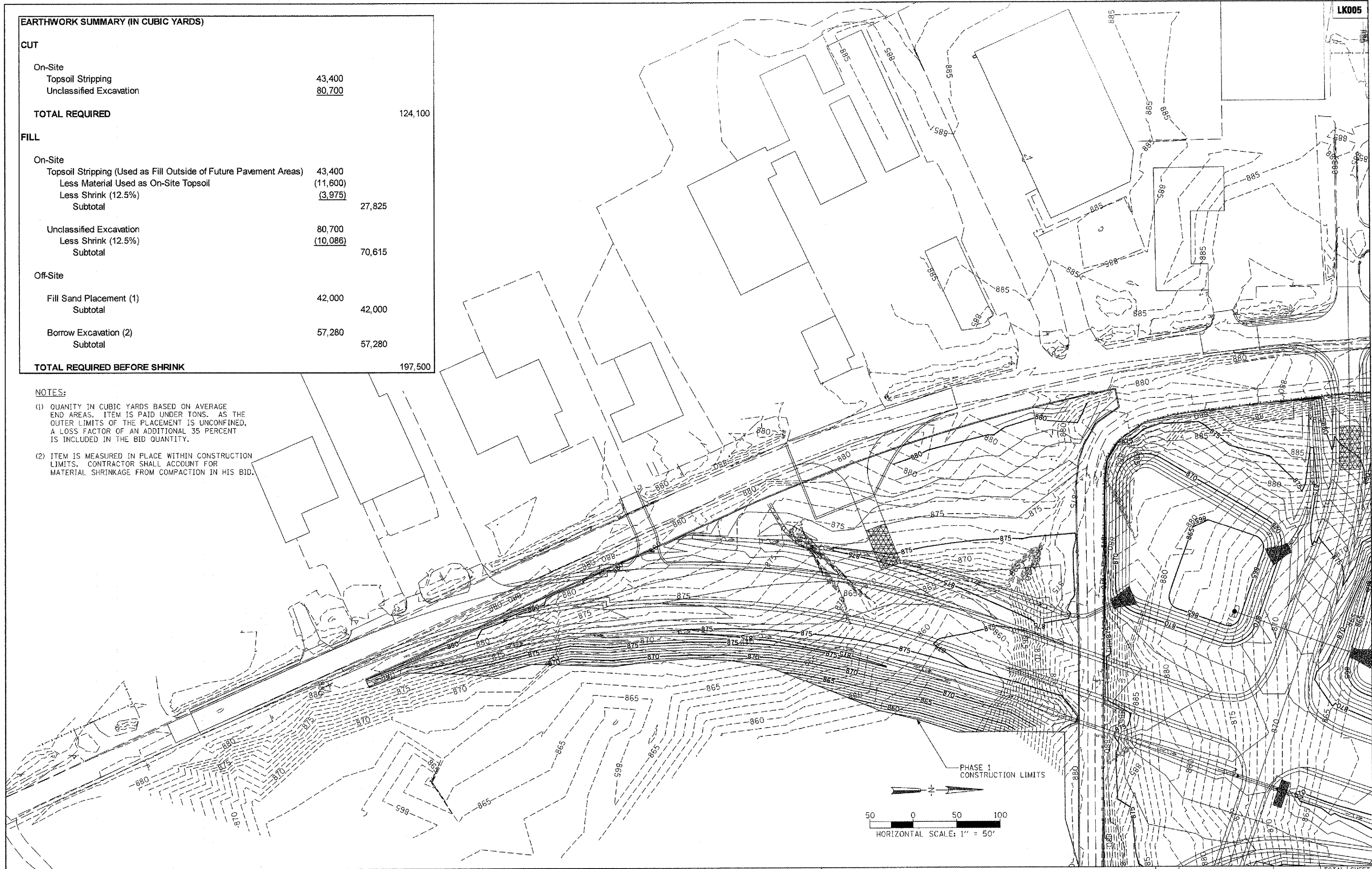
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PLOT SCALE = 100.0000' / IN.	CHECKED - BLB	DRAWN - CBP	REVISED -		SCALE: 1"=50'	MCHENRY	\$T01	36	
PLOT DATE = 02/29/08 10:17 AM	DATE - 02/29/08	CHECKED - BLB	REVISED -		FEDERAL AIP NO. 3-17-0112-08	ILLINOIS	IDA NO. 3CK-3671		

EARTHWORK SUMMARY (IN CUBIC YARDS)		
<b>CUT</b>		
On-Site		
Topsoil Stripping	43,400	
Unclassified Excavation	80,700	
<b>TOTAL REQUIRED</b>		124,100
<b>FILL</b>		
On-Site		
Topsoil Stripping (Used as Fill Outside of Future Pavement Areas)	43,400	
Less Material Used as On-Site Topsoil	(11,600)	
Less Shrink (12.5%)	(3,975)	
Subtotal		27,825
Unclassified Excavation	80,700	
Less Shrink (12.5%)	(10,086)	
Subtotal		70,615
Off-Site		
Fill Sand Placement (1)	42,000	
Subtotal		42,000
Borrow Excavation (2)	57,280	
Subtotal		57,280
<b>TOTAL REQUIRED BEFORE SHRINK</b>		197,500

**NOTES:**

- (1) QUANTITY IN CUBIC YARDS BASED ON AVERAGE END AREAS. ITEM IS PAID UNDER TONS. AS THE OUTER LIMITS OF THE PLACEMENT IS UNCONFINED, A LOSS FACTOR OF AN ADDITIONAL 35 PERCENT IS INCLUDED IN THE BID QUANTITY.
- (2) ITEM IS MEASURED IN PLACE WITHIN CONSTRUCTION LIMITS. CONTRACTOR SHALL ACCOUNT FOR MATERIAL SHRINKAGE FROM COMPACTION IN HIS BID.

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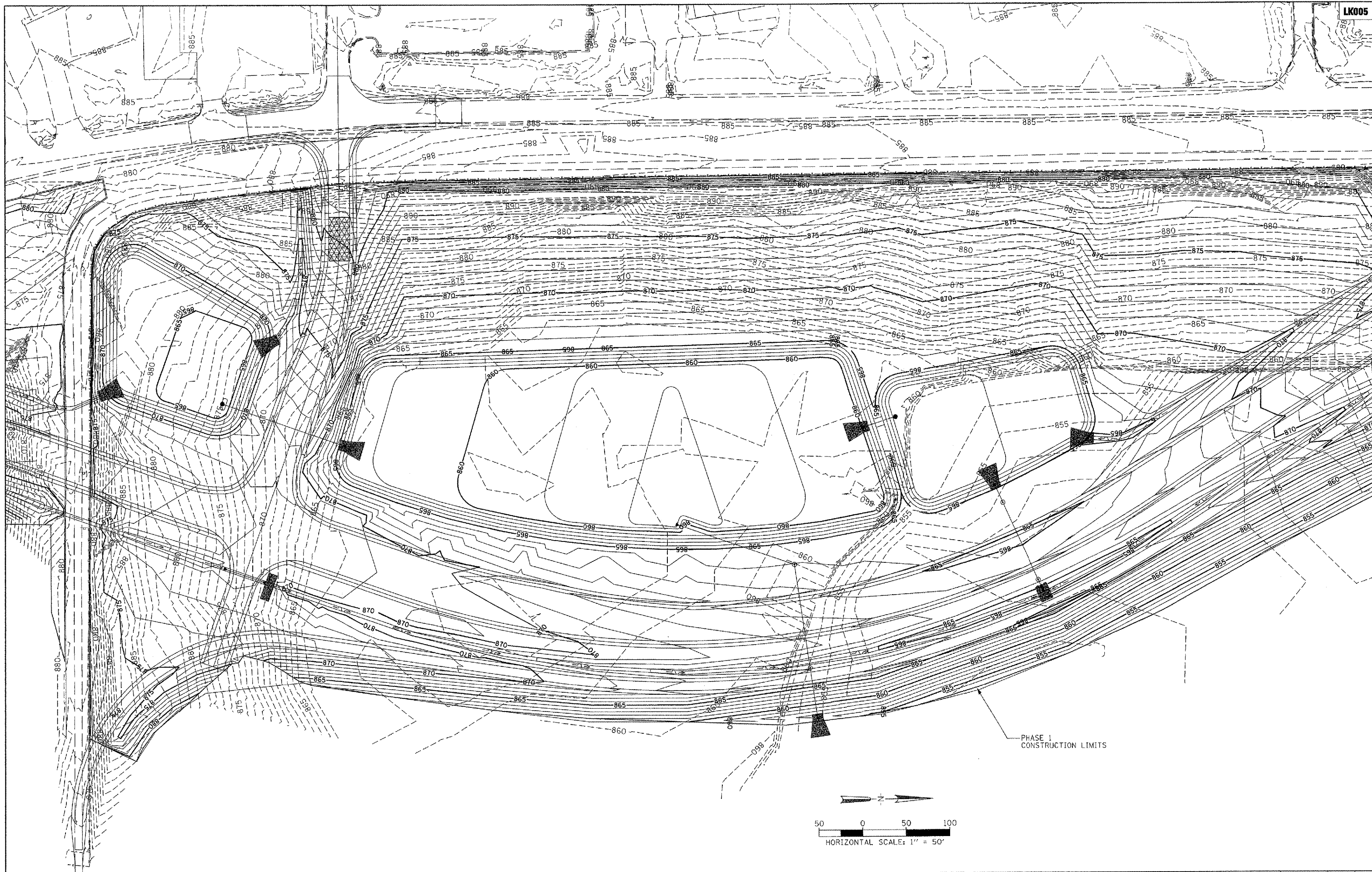
**VILLAGE OF  
LAKE IN THE HILLS, ILLINOIS**

**FINAL PYOTT ROAD GRADING PLAN**

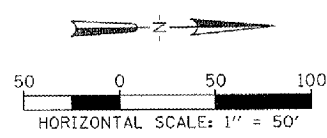
SCALE: 1"=50'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	37

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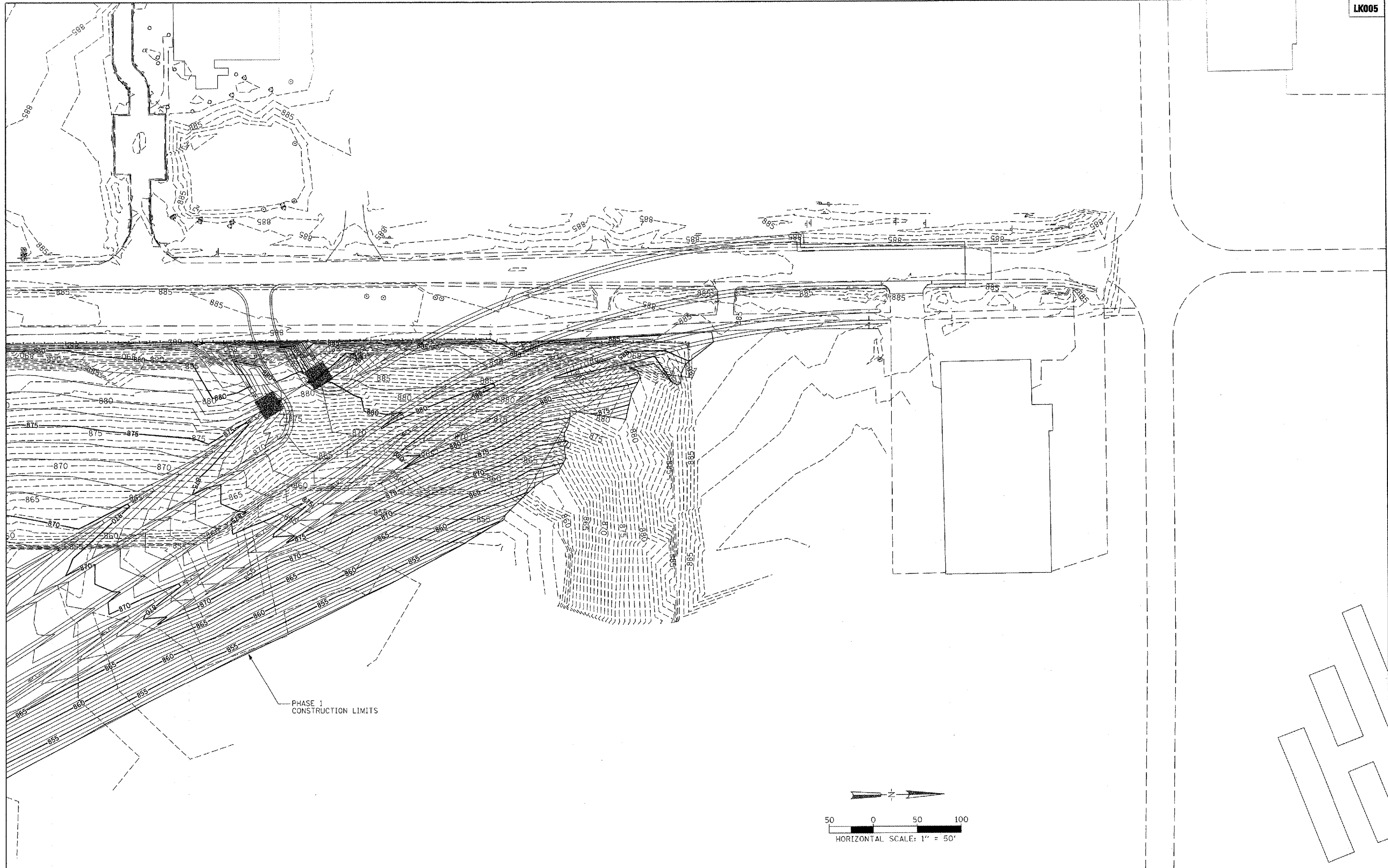


PHASE 1  
CONSTRUCTION LIMITS

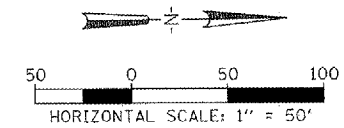


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PLOT DATE = 02/28/2008, 08:25 AM	DATE - 02/29/08	REVISED -						

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PHASE 1  
CONSTRUCTION LIMITS

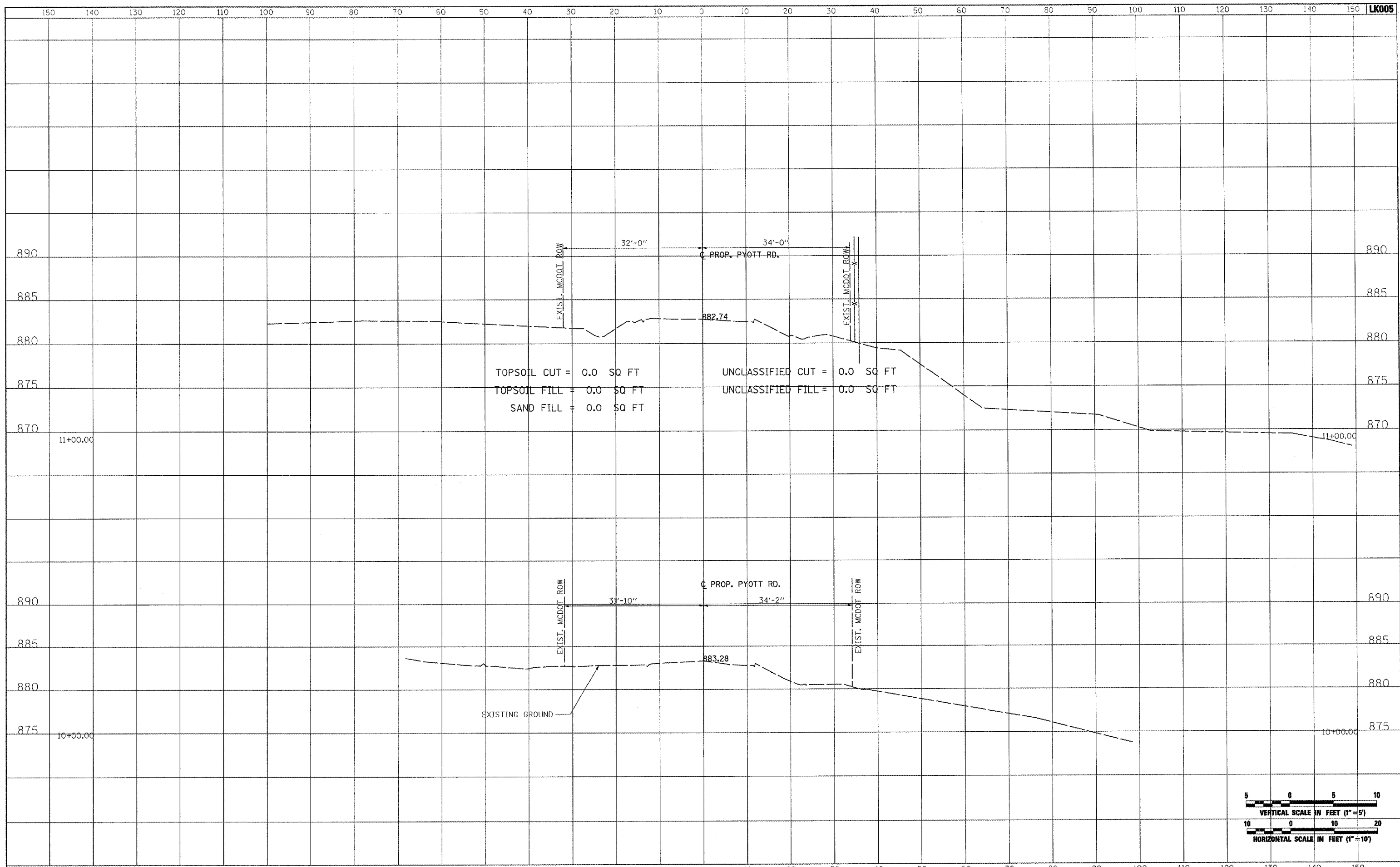


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PLOT DATE = 02/29/08 08:29 AM	DATE - 02/29/08	REVISOR - BLB	REVISOR -			FEDERAL AIP NO. 3-17-0112-88	ILLINOIS	IDA NO. 30K-3671

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NOTE BOOK	
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AREAS CHECKED	
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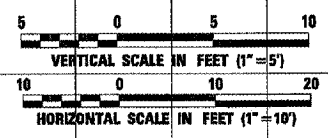


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NOTE BOOK	
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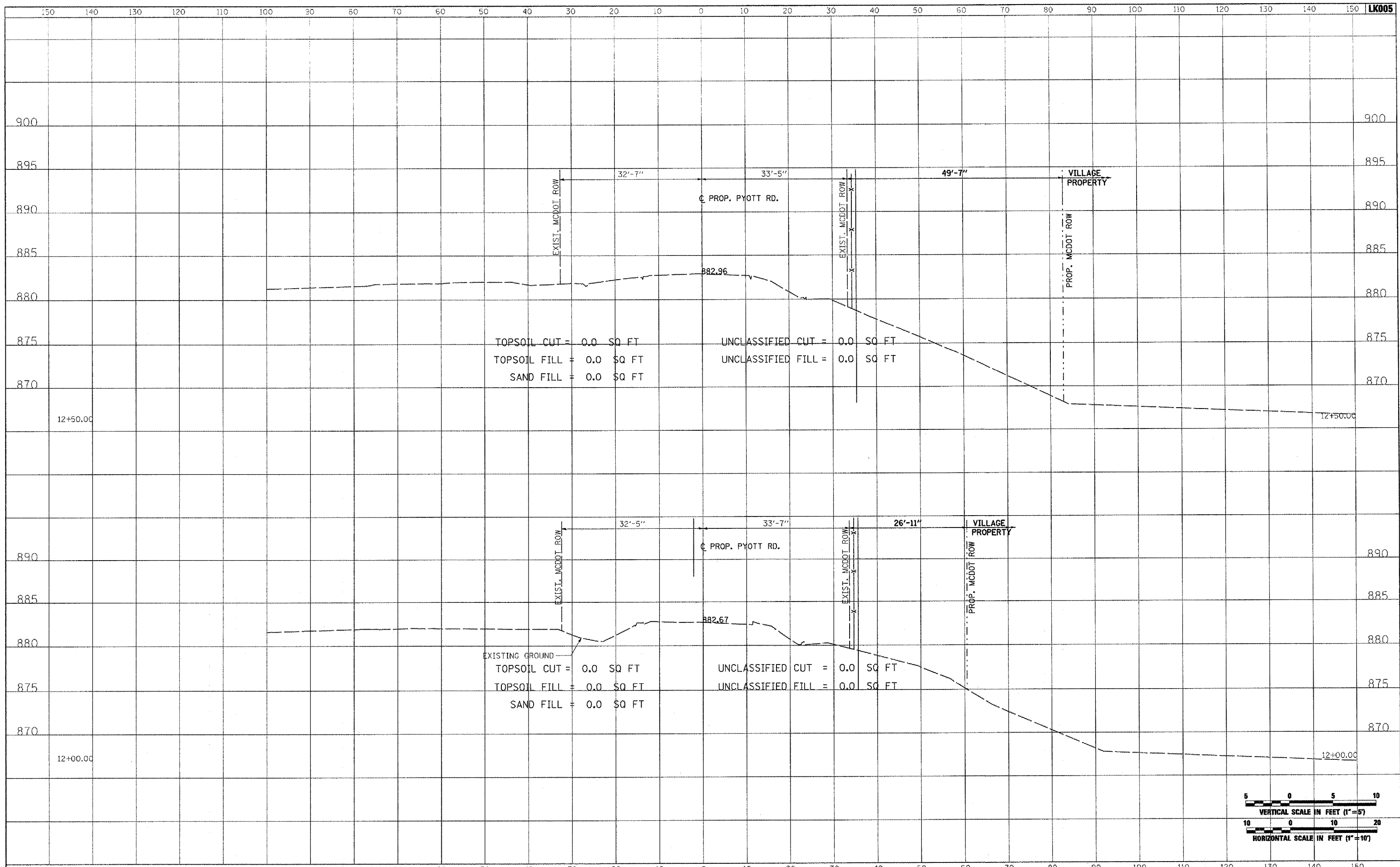
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 TOPSOIL FILL = 0.0 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 0.0 SQ FT



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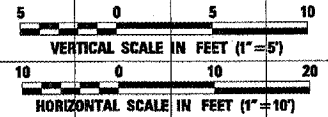




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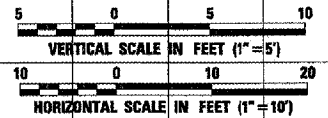
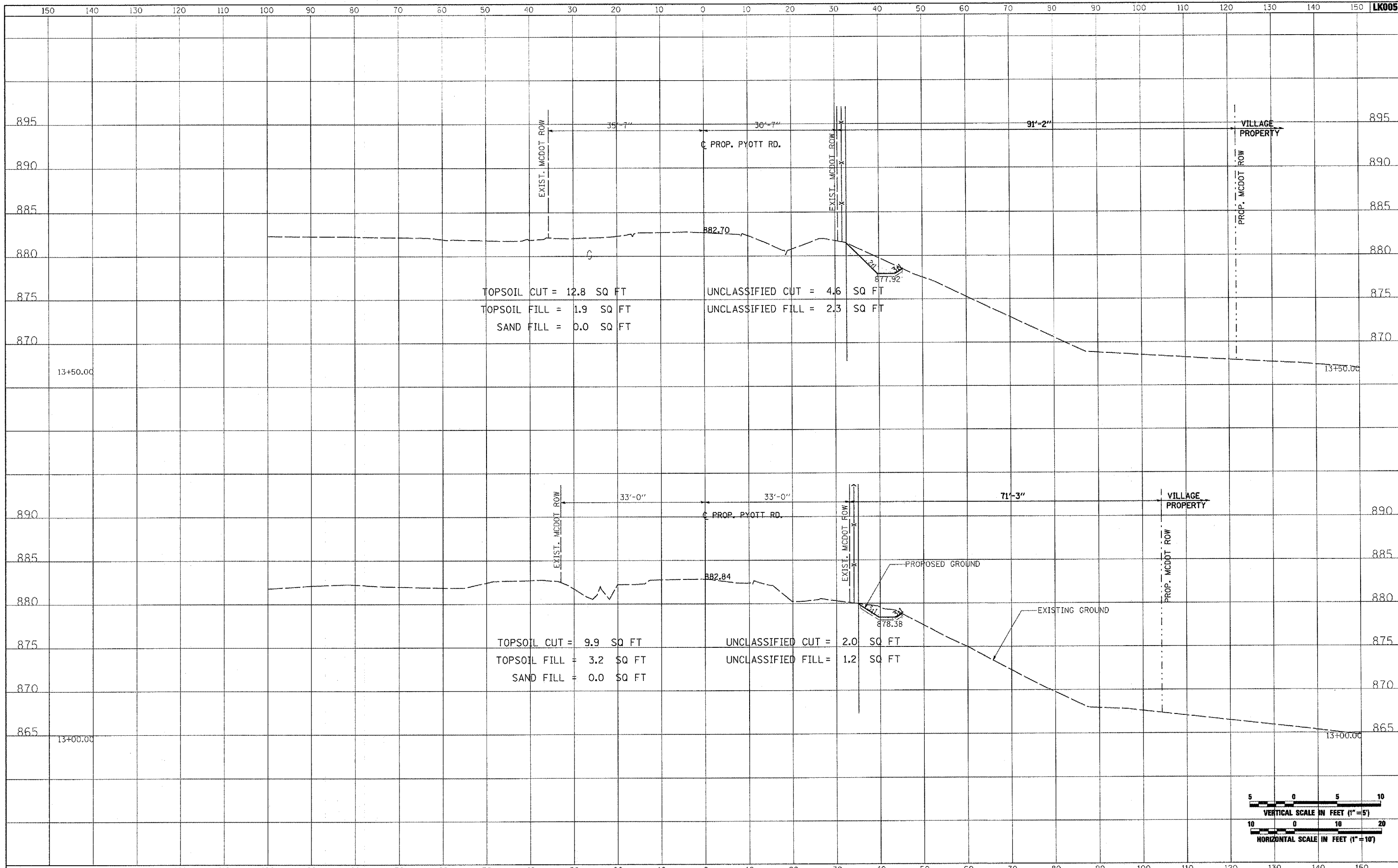


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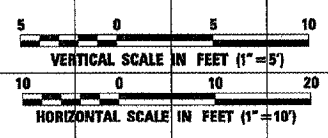
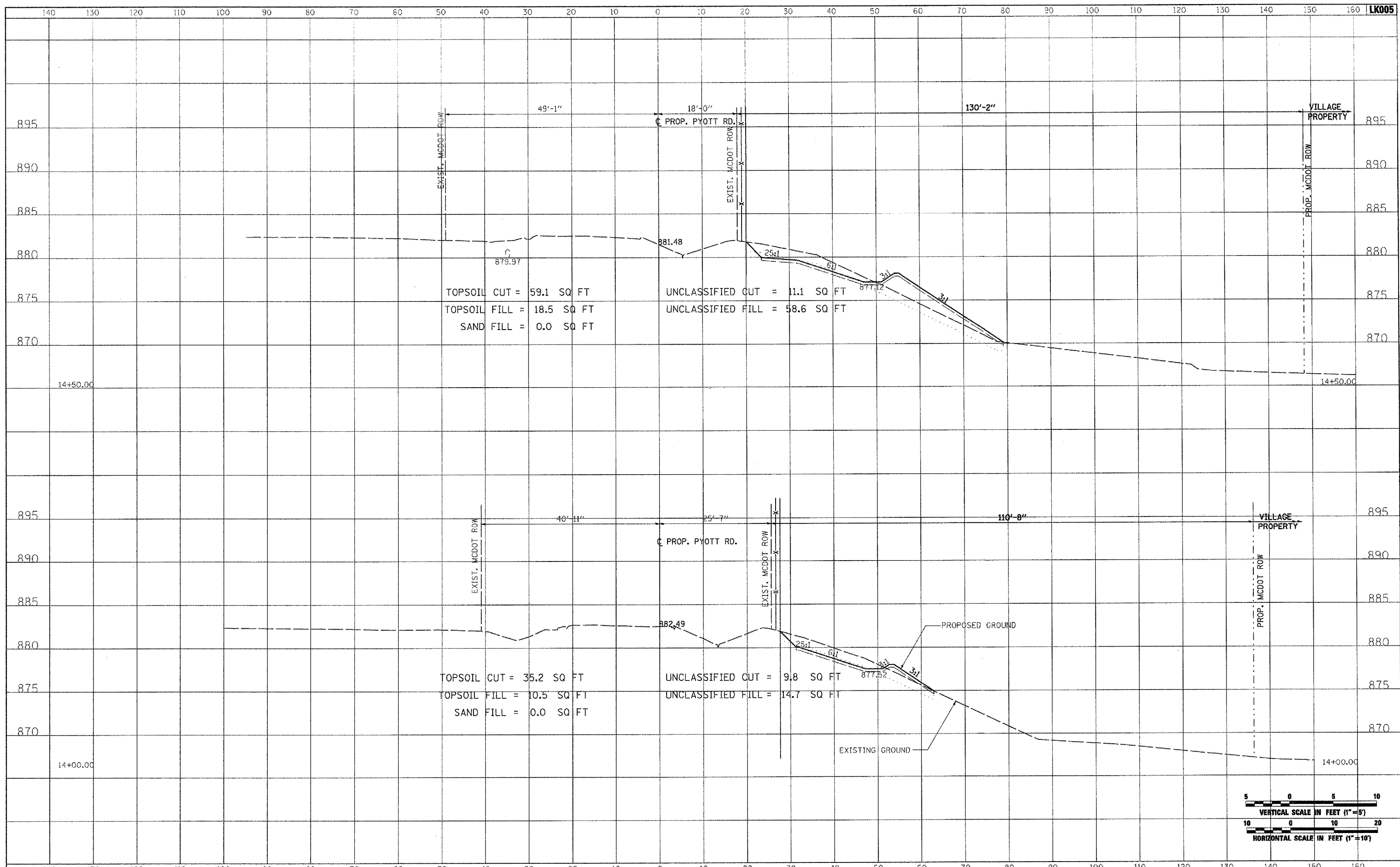


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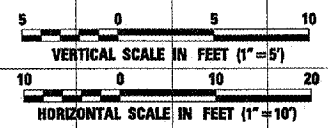
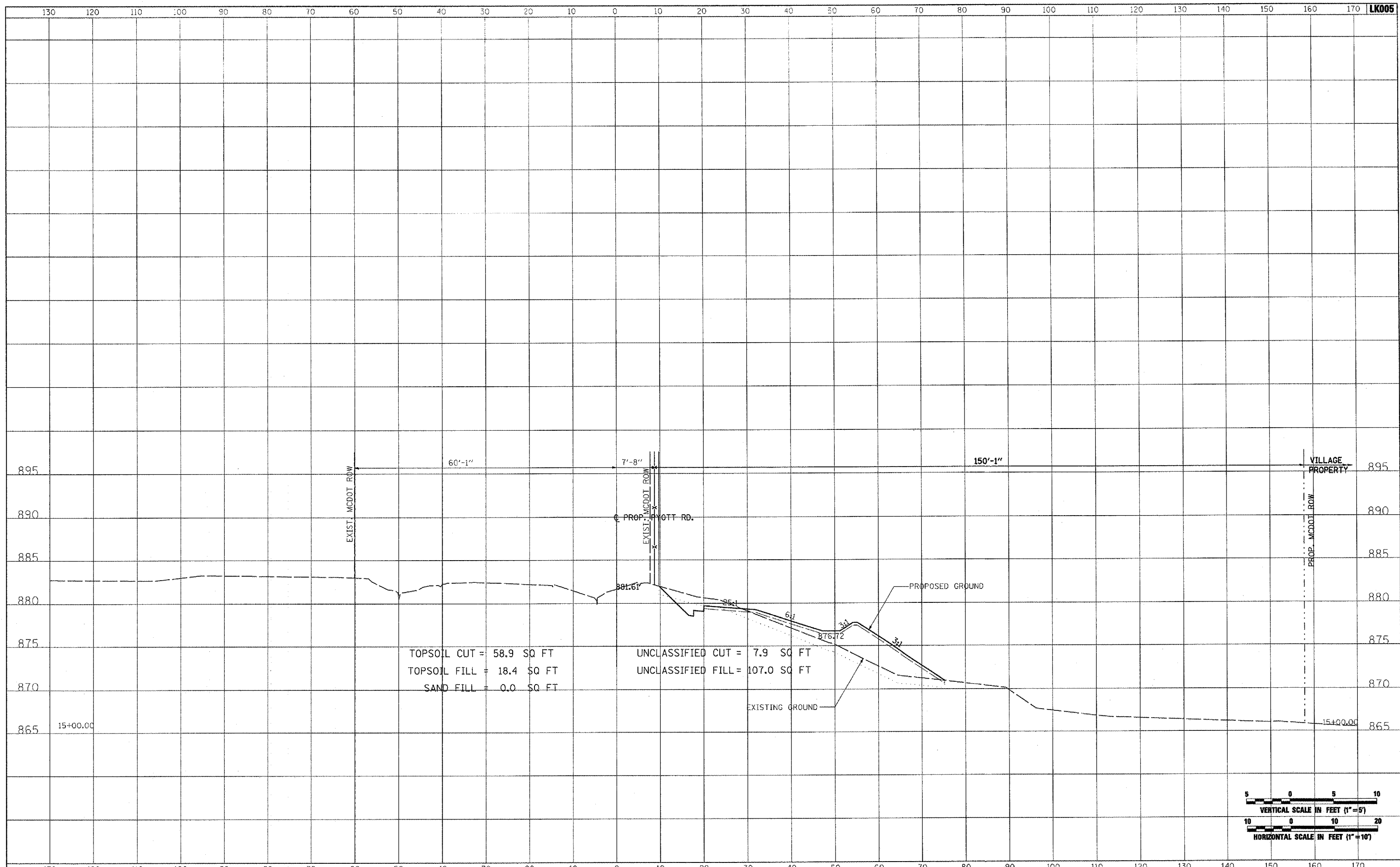


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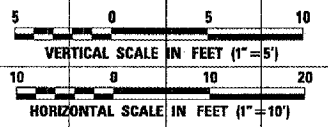
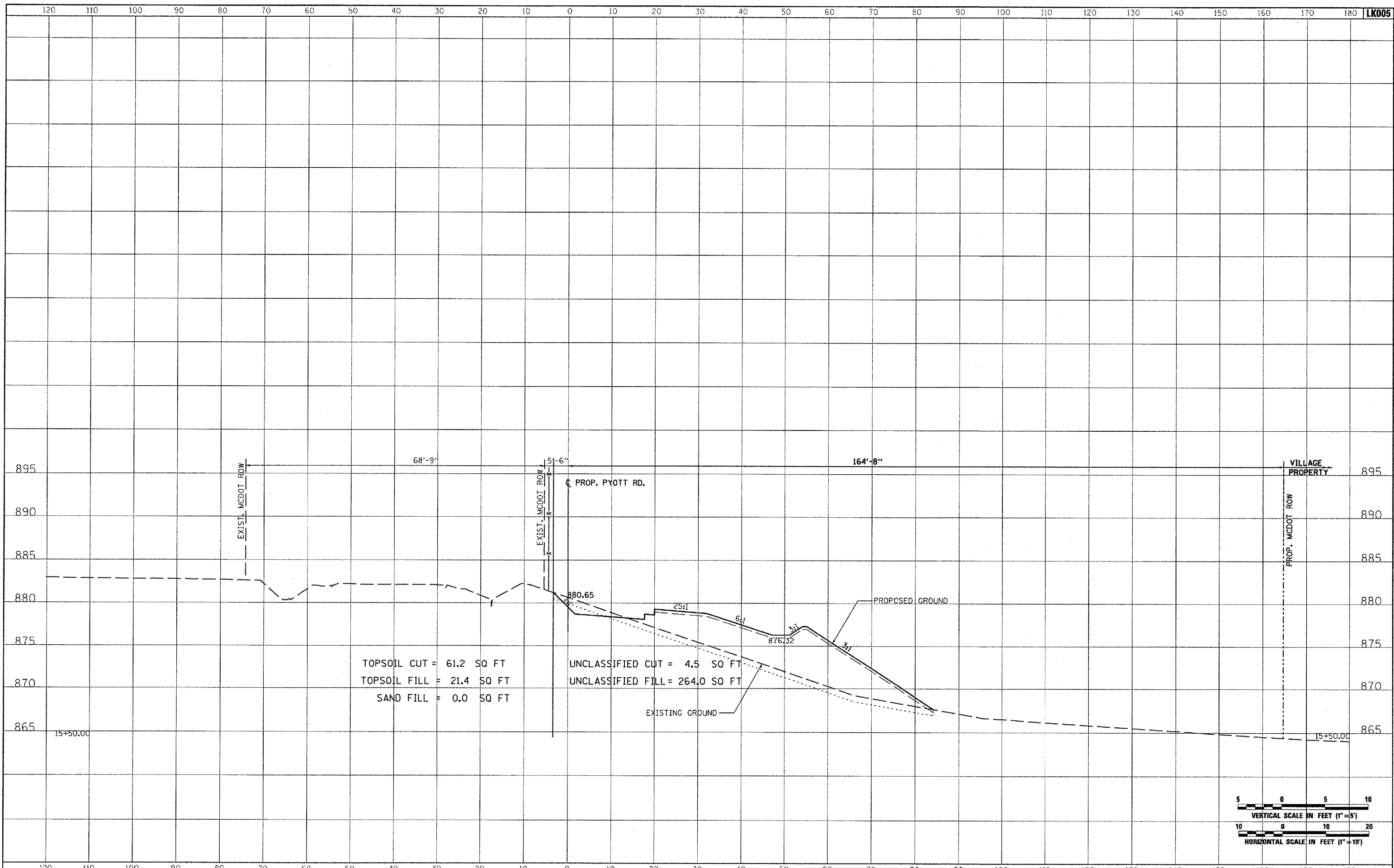


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PLOT DATE = 02/28/2008, 09:51 AM		DATE - 02/29/08	REVISED -			SCALE: AS SHOWN	STA. 15+00.00 TO STA. 15+00.00	

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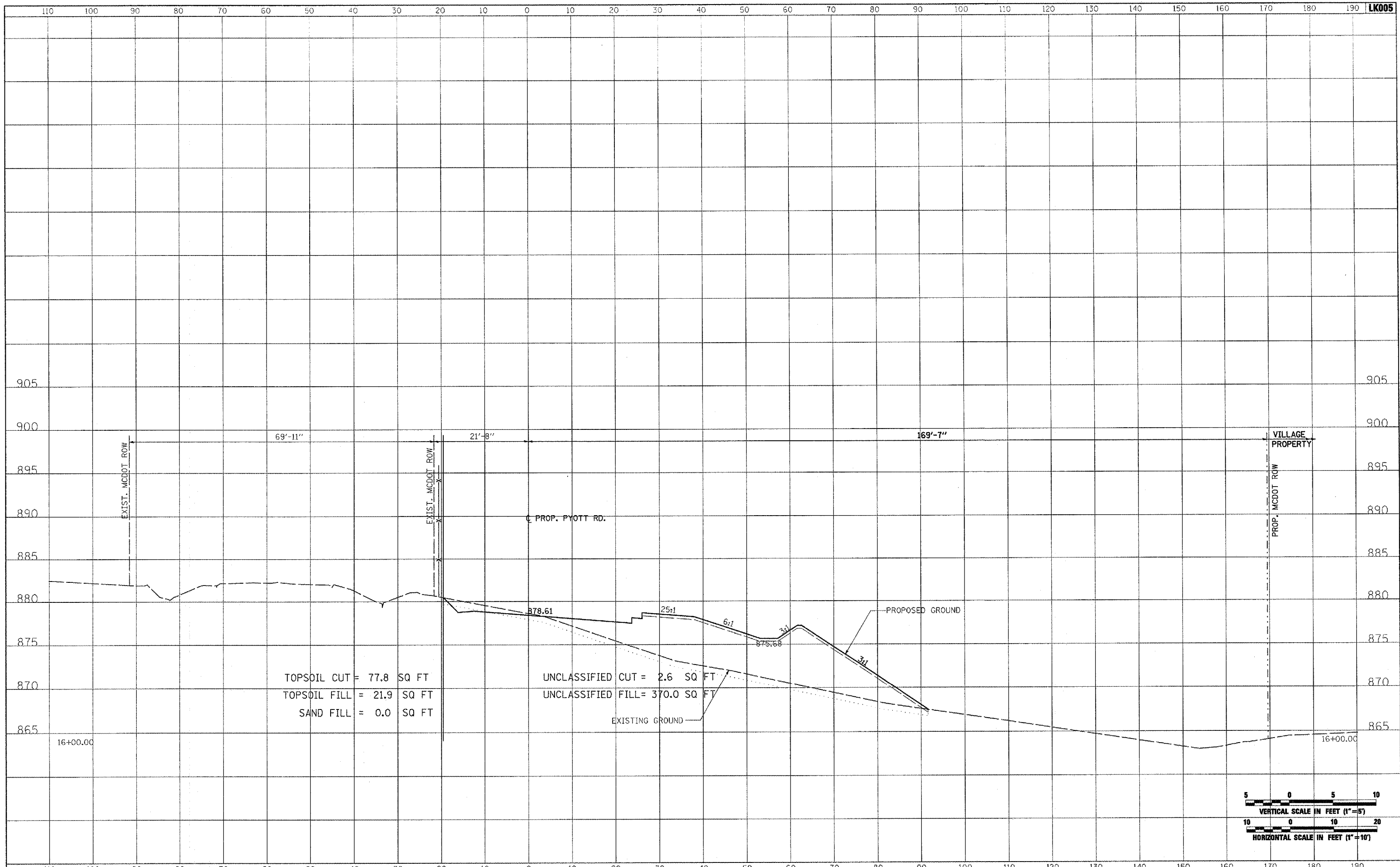


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SURVEYED	
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TEMPLATE	
NOTE BOOK	
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TOPSOIL CUT = 77.8 SQ FT  
 TOPSOIL FILL = 21.9 SQ FT  
 SAND FILL = 0.0 SQ FT

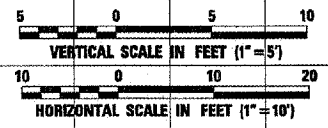
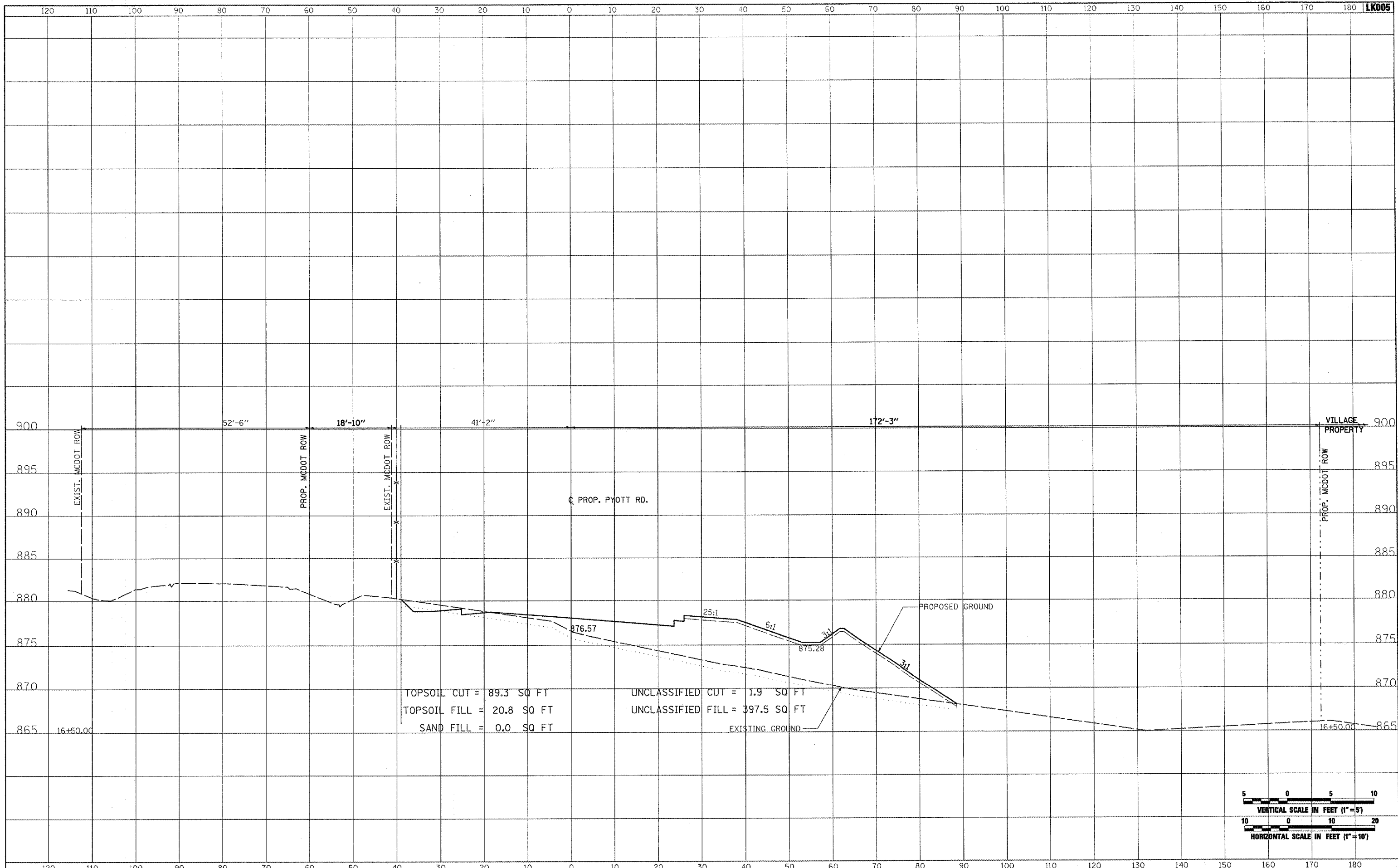
UNCLASSIFIED CUT = 2.6 SQ FT  
 UNCLASSIFIED FILL = 370.0 SQ FT

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PLOT DATE = 02/28/2008, 09:52 AM		DATE - 02/29/08	REVISED -							

FINAL SURVEY	BY	DATE
SURVEYED		
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NOTE BOOK		
MARKS CHECKED		
AREAS CHECKED		
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ORIGINAL SURVEY	BY	DATE
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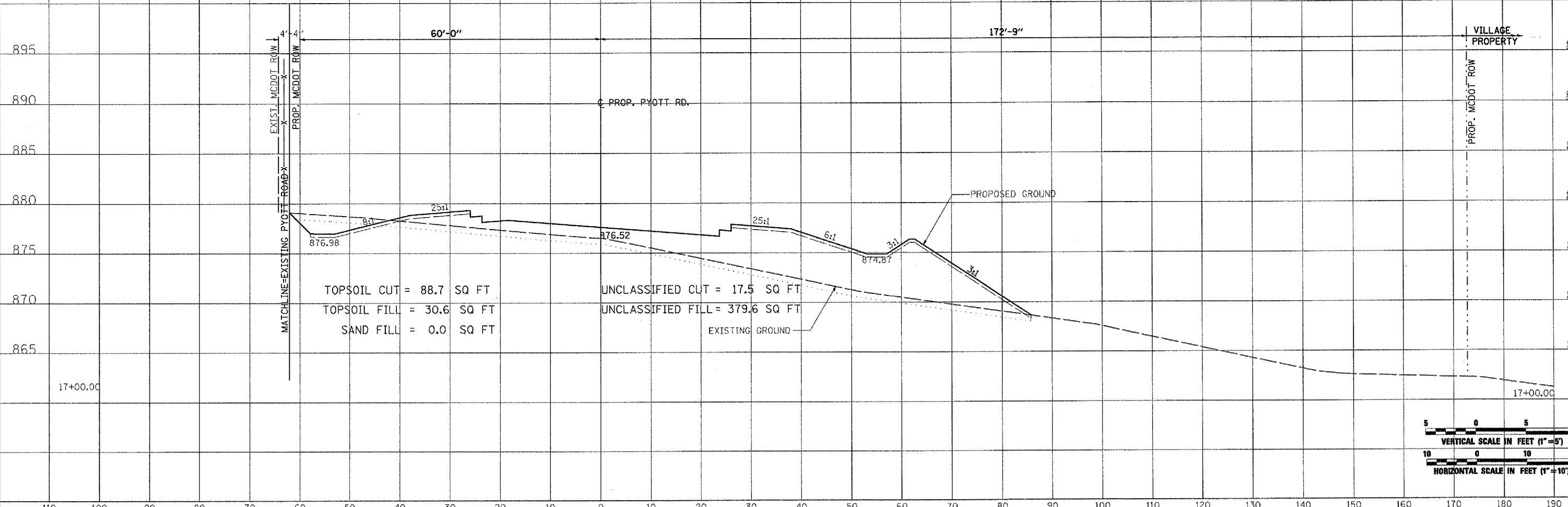
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BY	DATE



BY	DATE

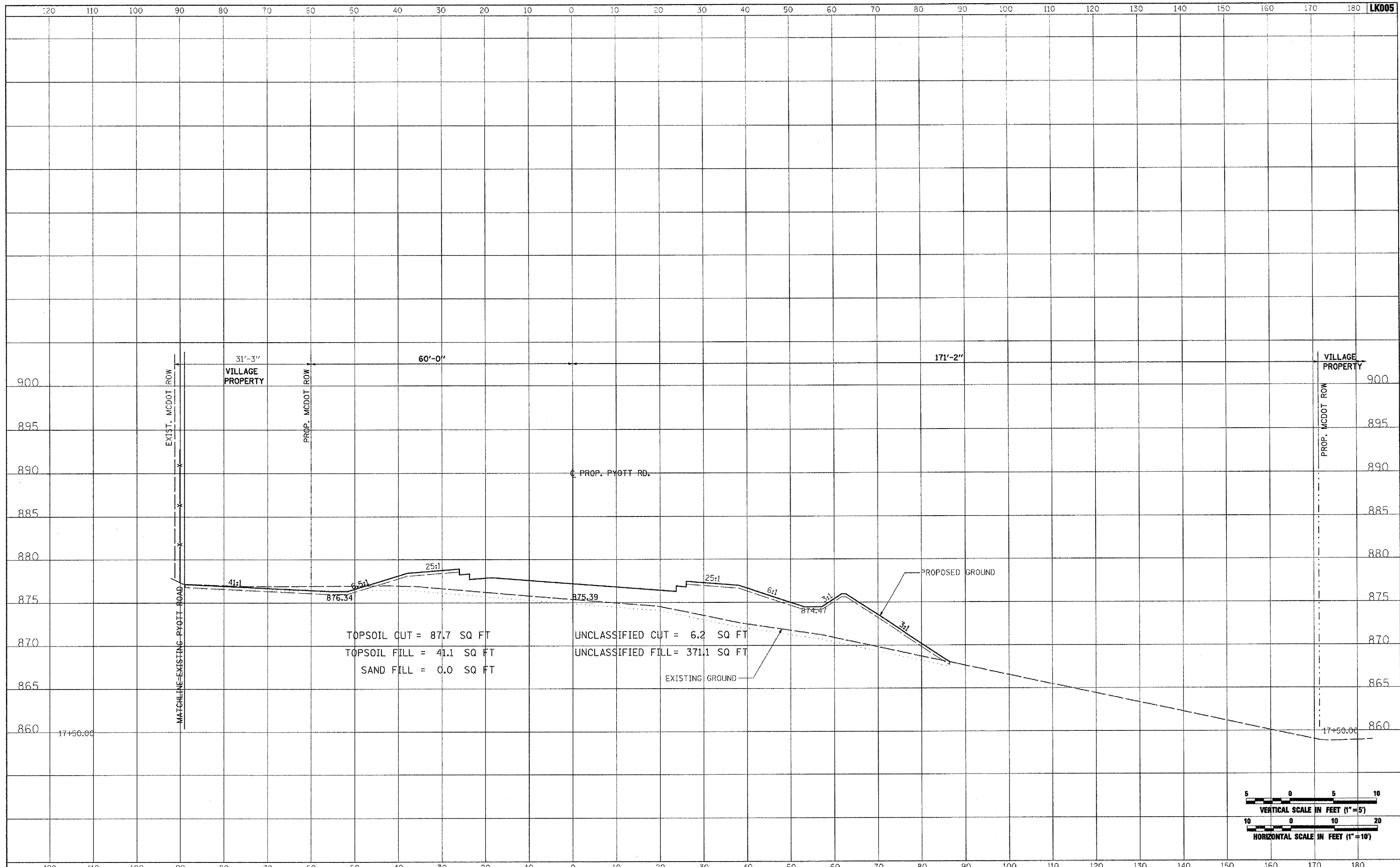




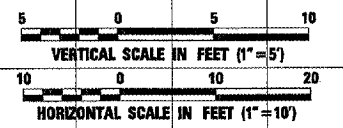
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DATE	
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ORIGINAL SURVEY	
SURVEYED	
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



TOPSOIL CUT = 87.7 SQ FT  
 TOPSOIL FILL = 41.1 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 6.2 SQ FT  
 UNCLASSIFIED FILL = 371.1 SQ FT

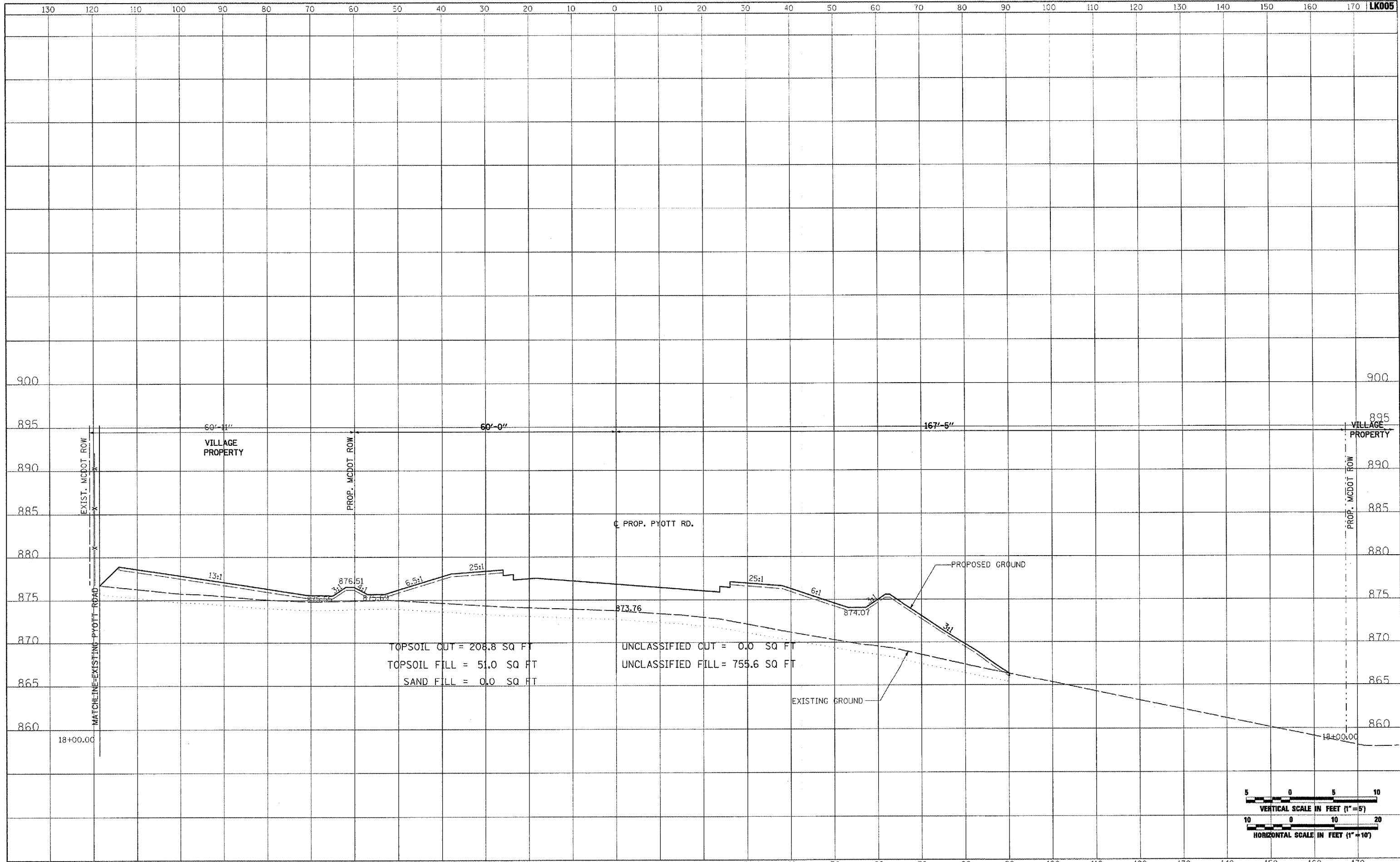


FILE NAME =	USER NAME = P150-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 17+50.00 TO STA. 17+50.00	FEDERAL AIP. NO. 3-17-0112-B8 ILLINOIS	IDA NO. 30K-9571
I:\05Jobs\02041\0508021\Civil Part A\Sheets\CROSSSECTIONS.sht	DESIGNED - CBP	REVISED -	COUNTY			TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	MCHENRY			120	49		
PLOT DATE = 02/20/2008, 09:52 AM	DATE - 02/29/08	REVISED -							

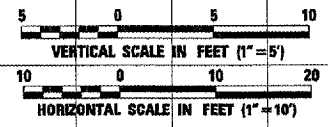
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NOTE BOOK	
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ORIGINAL SURVEY	
NO. _____	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



TOPSOIL CUT = 208.8 SQ FT  
 TOPSOIL FILL = 51.0 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 755.6 SQ FT

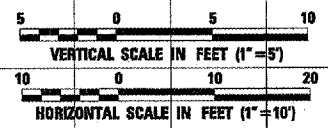
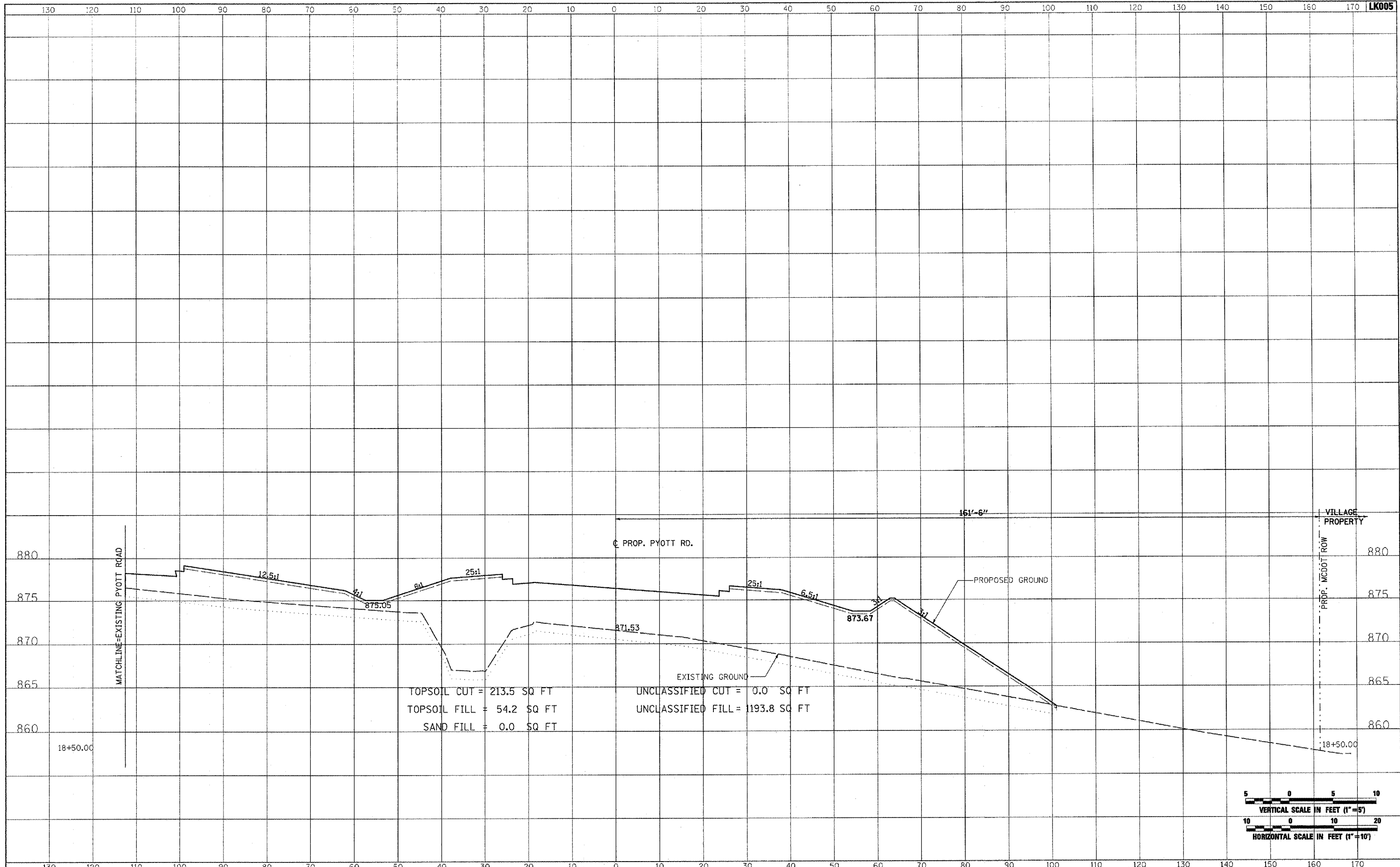


FILE NAME =	USER NAME = P1266	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0588021\Civil Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -		MCHENRY	120	50		
		CHECKED - BLB	REVISED -		SCALE: AS SHOWN	STA. 18+00.00 TO STA. 18+00.00	FEDERAL AIP, NO. 3-17-0112-B8 ILLINOIS	IDA NO. 3CK-9671	
		DATE - 02/29/08	REVISED -						

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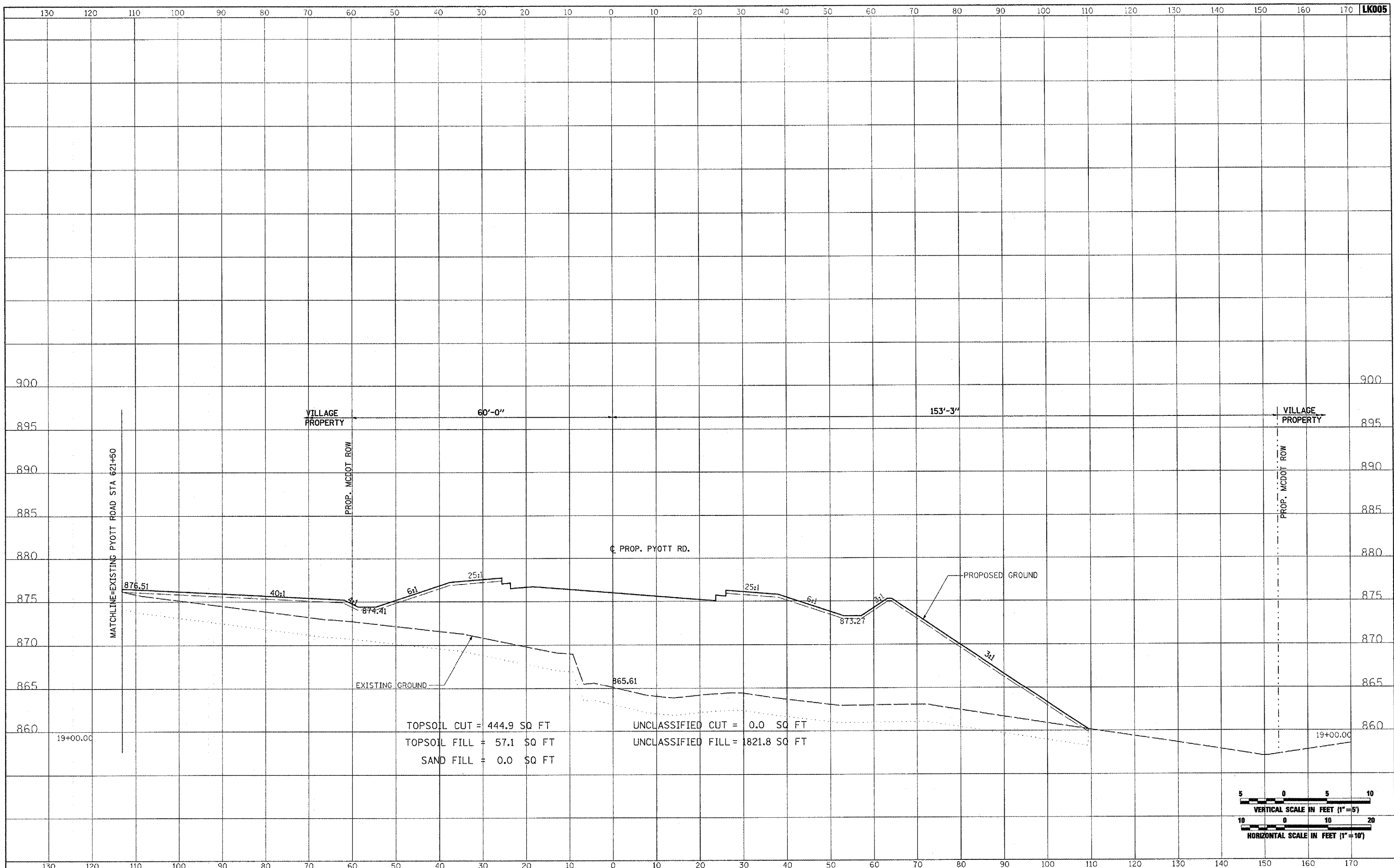


FILE NAME =	USER NAME = P100-01296	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\00041\0508021\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -		MCHENRY	120	51		
PLOT SCALE = 20,0000 / / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP, NO. 3-17-0112-08	ILLINOIS	TDA NO. 3CX-9571		
PLOT DATE = 02/28/2008, 09:53 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 18+50.00 TO STA. 18+50.00			

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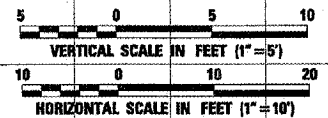


DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	



TOPSOIL CUT = 444.9 SQ FT  
 TOPSOIL FILL = 57.1 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 1821.8 SQ FT

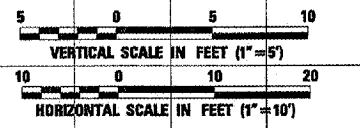
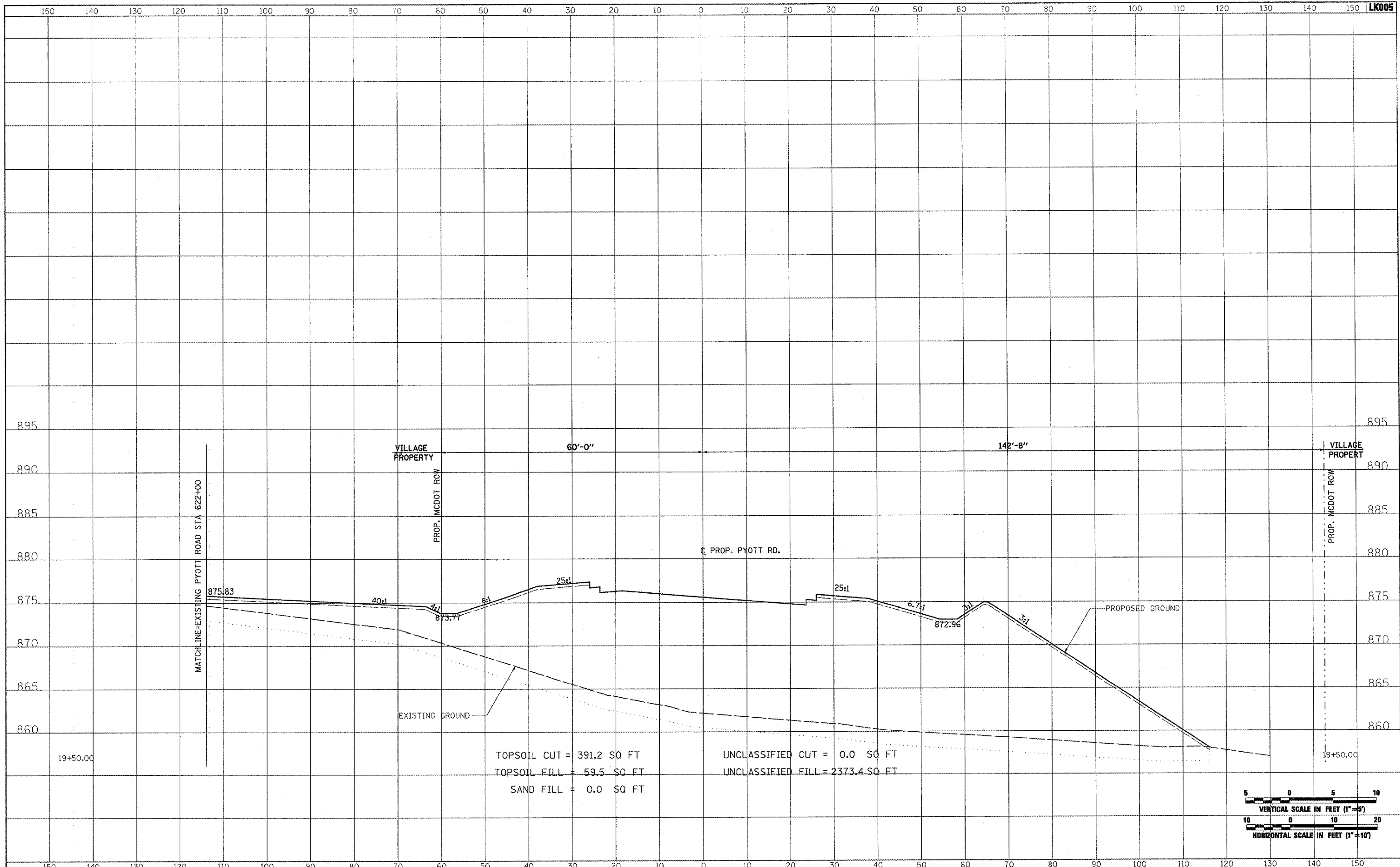


FILE NAME =	USER NAME = Pissr01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\0500021\Cv11 Part A\Sheets\CROSSSECTIONS.sht	DRAWN - CBP	REVISED -	MCHENRY			120	52	
PLOT SCALE = 20,0000 / / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP. NO. 3-17-0112-BB ILLINOIS IDA NO. 30K-9671					
PLOT DATE = 02/28/2008, 09:53 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 19+00.00 TO STA. 19+00.00		

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FINAL SURVEY	
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AREAS CHECKED	



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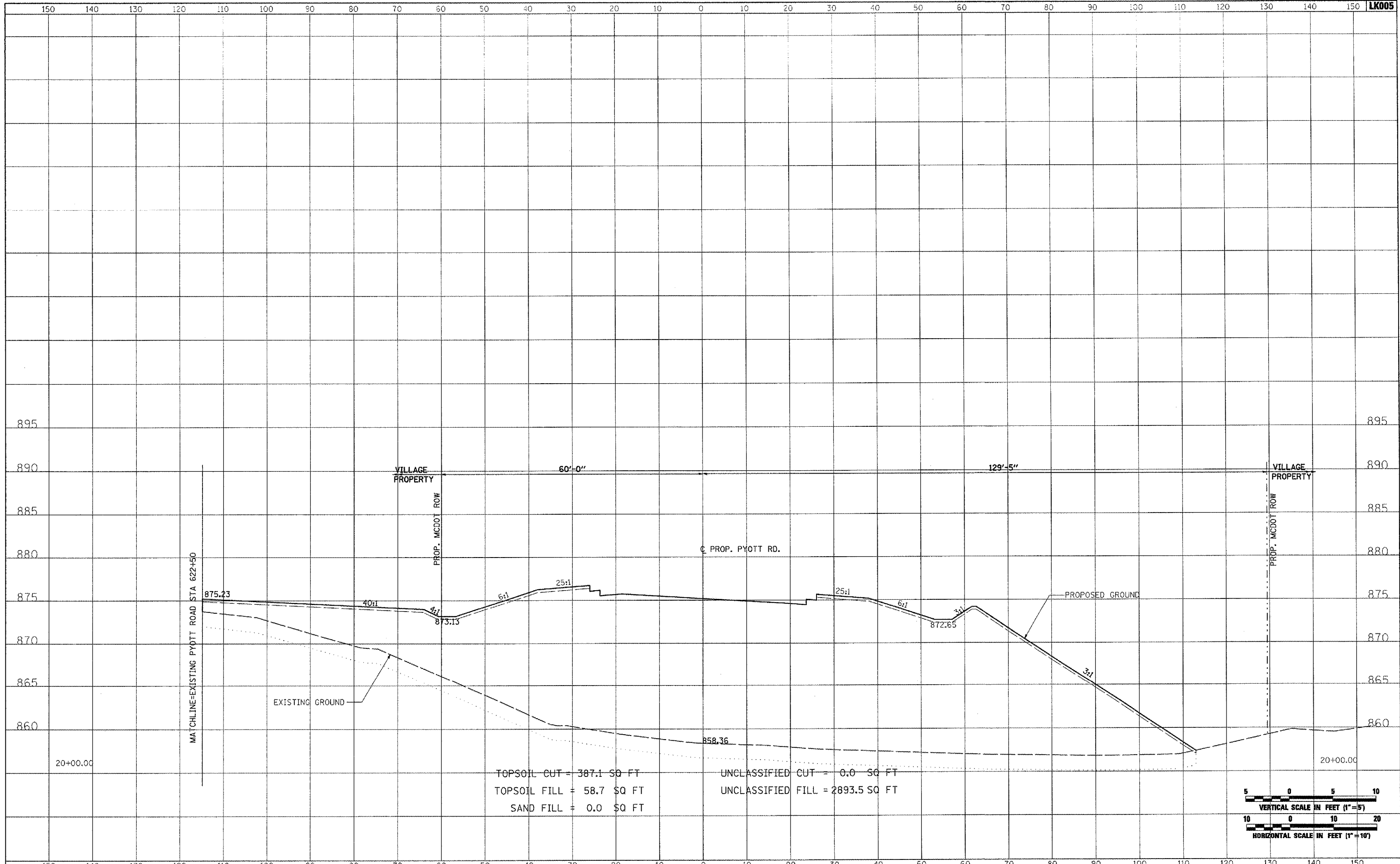


FILE NAME =	USER NAME = Piser-01296	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00941\0588021\Civil Part A\Sheets\CROSSSECTIONS.sht	DRAWN - CBP	REVISED -	MCHENRY			120	53	
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-0112-B8			ILLINOIS	IDA NO. 3CX-9571	
PLOT DATE = 02/28/2008, 09:54 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 19+50.00 TO STA. 19+50.00		

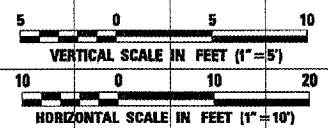
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TOPSOIL CUT = 387.1 SQ FT  
 TOPSOIL FILL = 58.7 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 2893.5 SQ FT



FILE NAME =	USER NAME = P100r-01256
J:\05Jobs\00941\0598021\Civil Part A\Sheets\CROSSSECTIONS.whs	DESIGNED - CBP
	DRAWN - CBP
	CHECKED - BLB
	DATE - 02/29/08

DESIGNED - CBP	REVISED -
DRAWN - CBP	REVISED -
CHECKED - BLB	REVISED -
DATE - 02/29/08	REVISED -

**VILLAGE OF  
LAKE IN THE HILLS, ILLINOIS**

<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	
SCALE: AS SHOWN	STA. 20+00.00 TO STA. 20+00.00

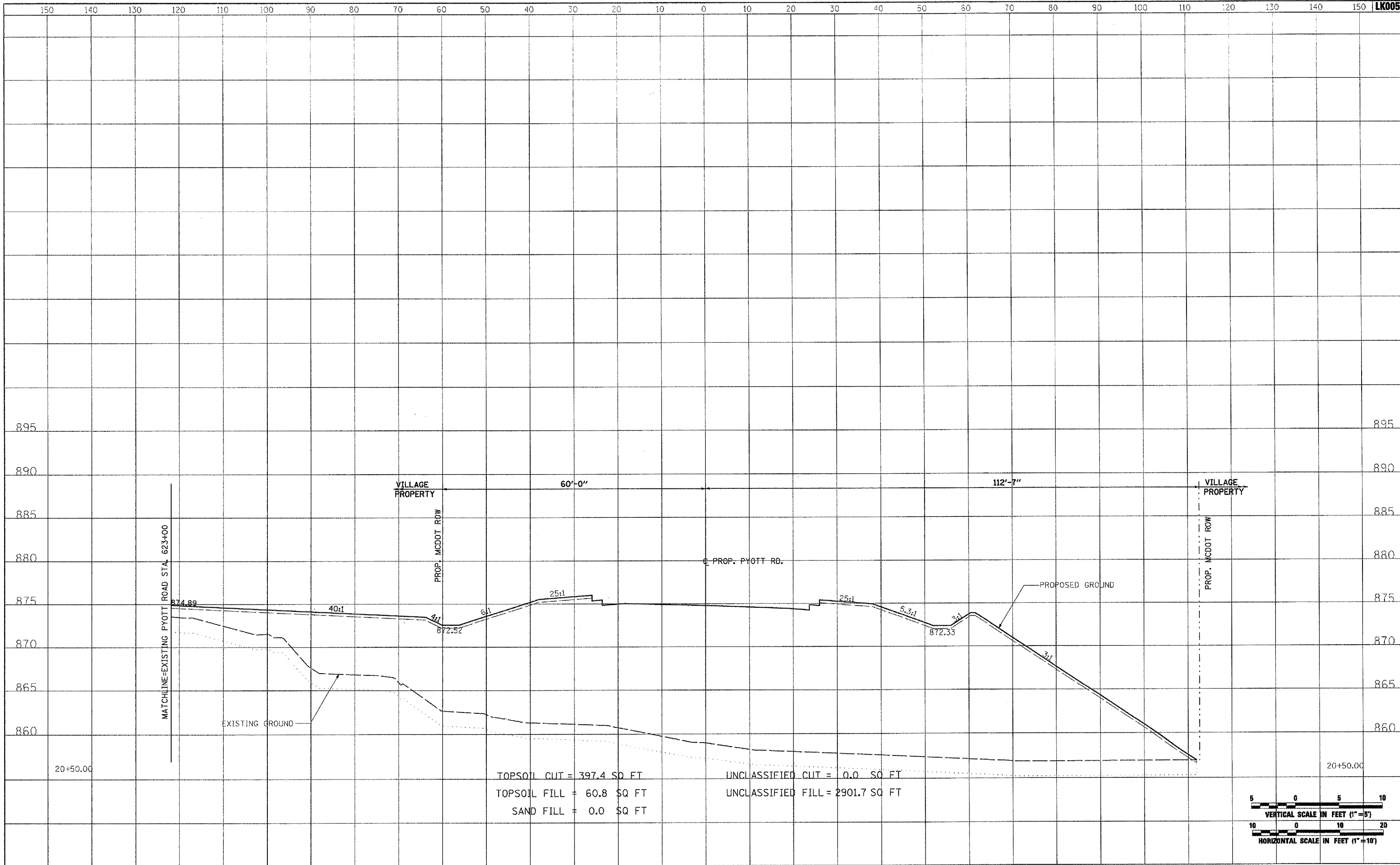
COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	54

FEDERAL AIP. NO. 3-17-0112-BB ILLINOIS IDA NO. 3CX-9671

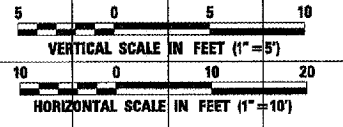
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TOPSOIL CUT = 397.4 SQ FT  
 TOPSOIL FILL = 60.8 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 2901.7 SQ FT

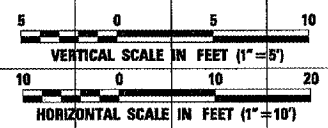
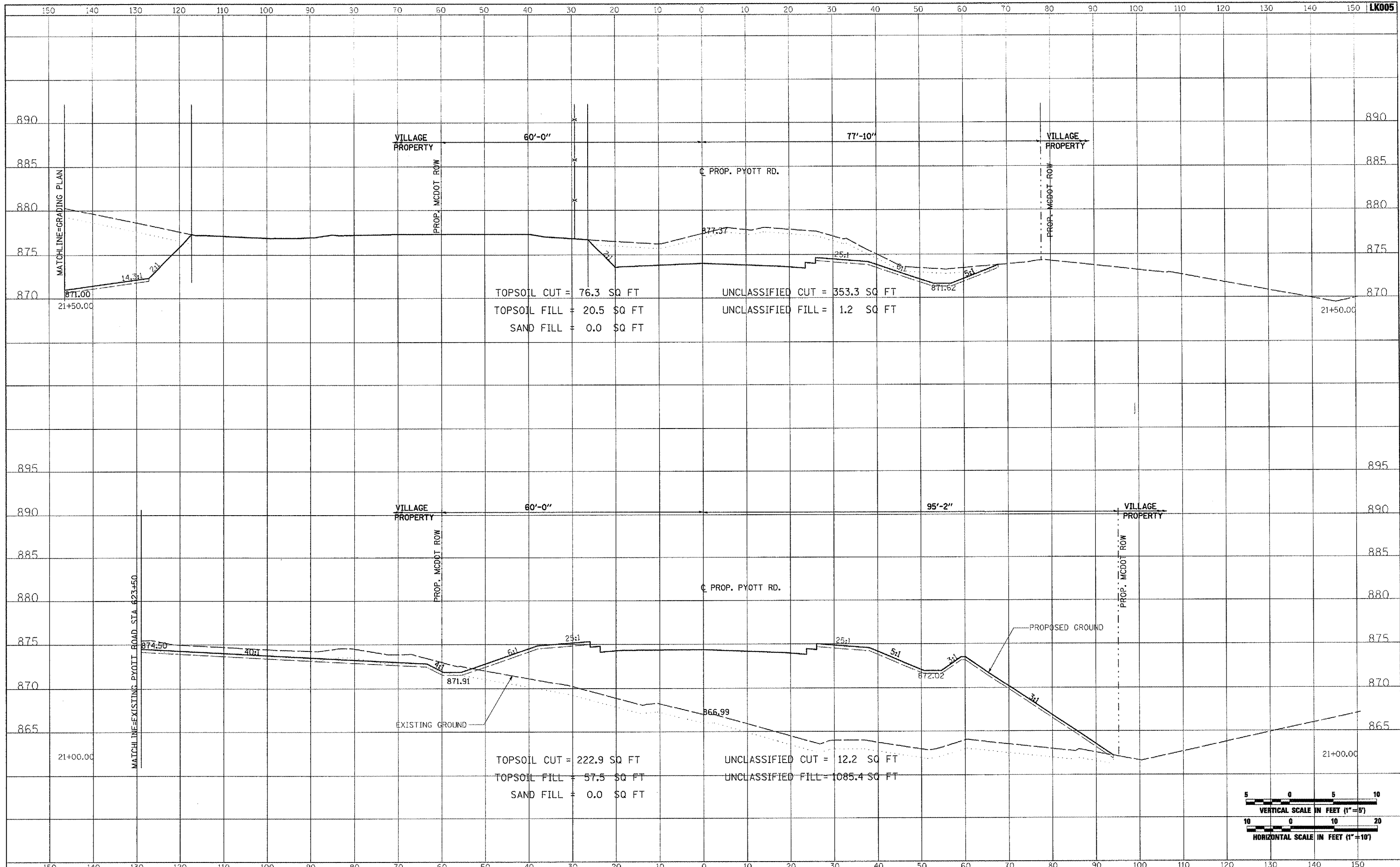


FILE NAME = I:\05\Jobs\0034\058802\Civil Port A\Sheets\CROSSSECTIONS.shx	USER NAME = P1sar-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	DRAWN - CBP	REVISED -		MCHENRY	120	55		
PLOT DATE = 02/28/2008, 09:54 AM	DATE = 02/29/08	CHECKED - BLB	REVISED -		FEDERAL AIP, NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CK-9671		
		DATE = 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 20+50.00 TO STA. 20+50.00			

DATE	
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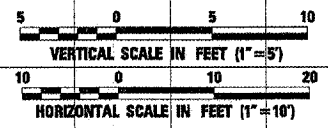
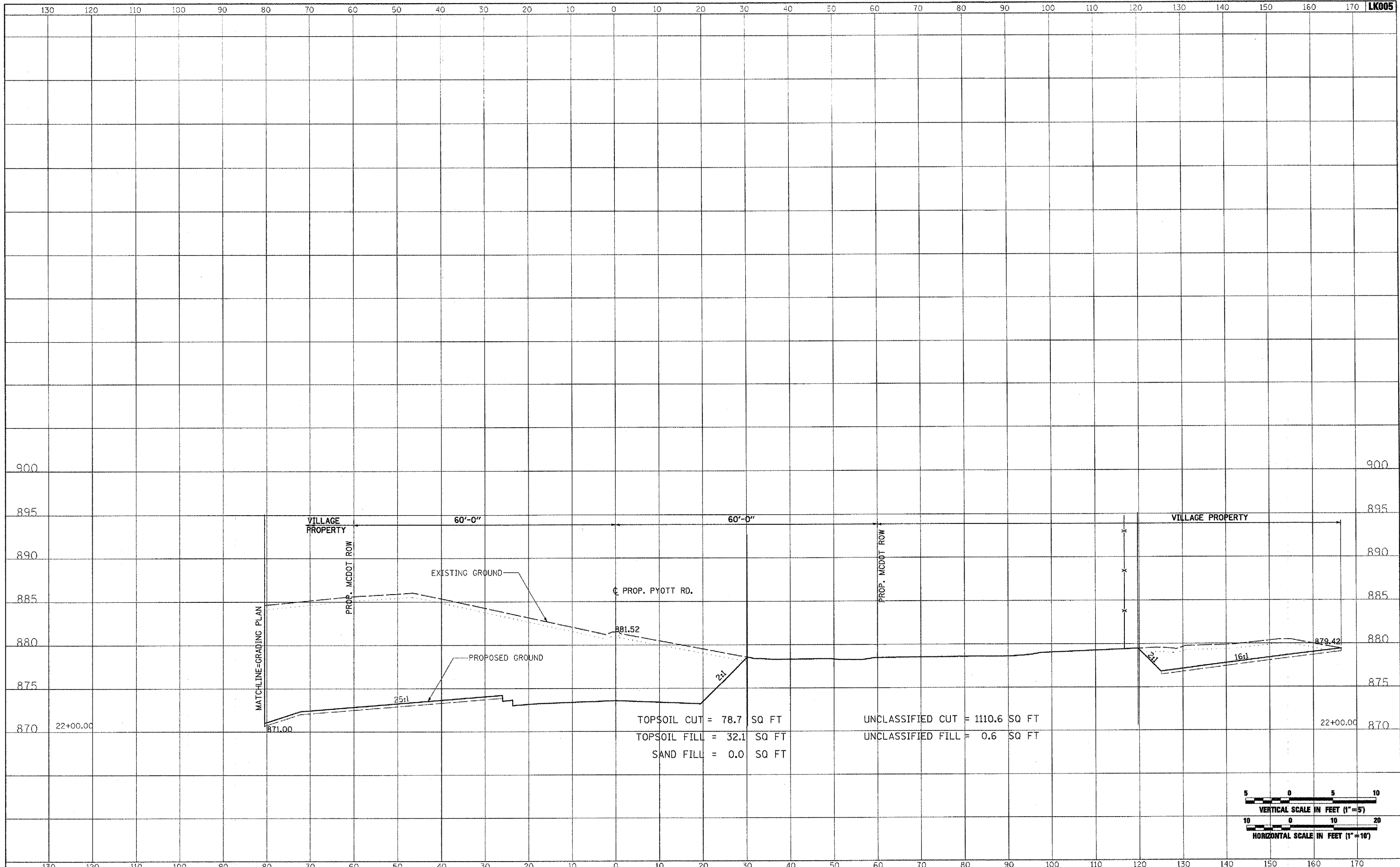
FILE NAME =	USER NAME = P150-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\00241\0588021\Civil Part A\Sheets\CROSSSECTIONS.shx	DESIGNED - CBP	REVISED -	MCHENRY			120	56	
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-0112-08			ILLINOIS	IDA NO. 30K-9571	
PLOT DATE = 02/28/2008, 09:54 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 21+00.00 TO STA. 21+50.00		



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NOTE BOOK	
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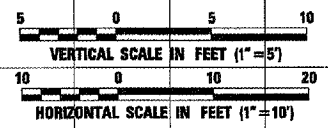
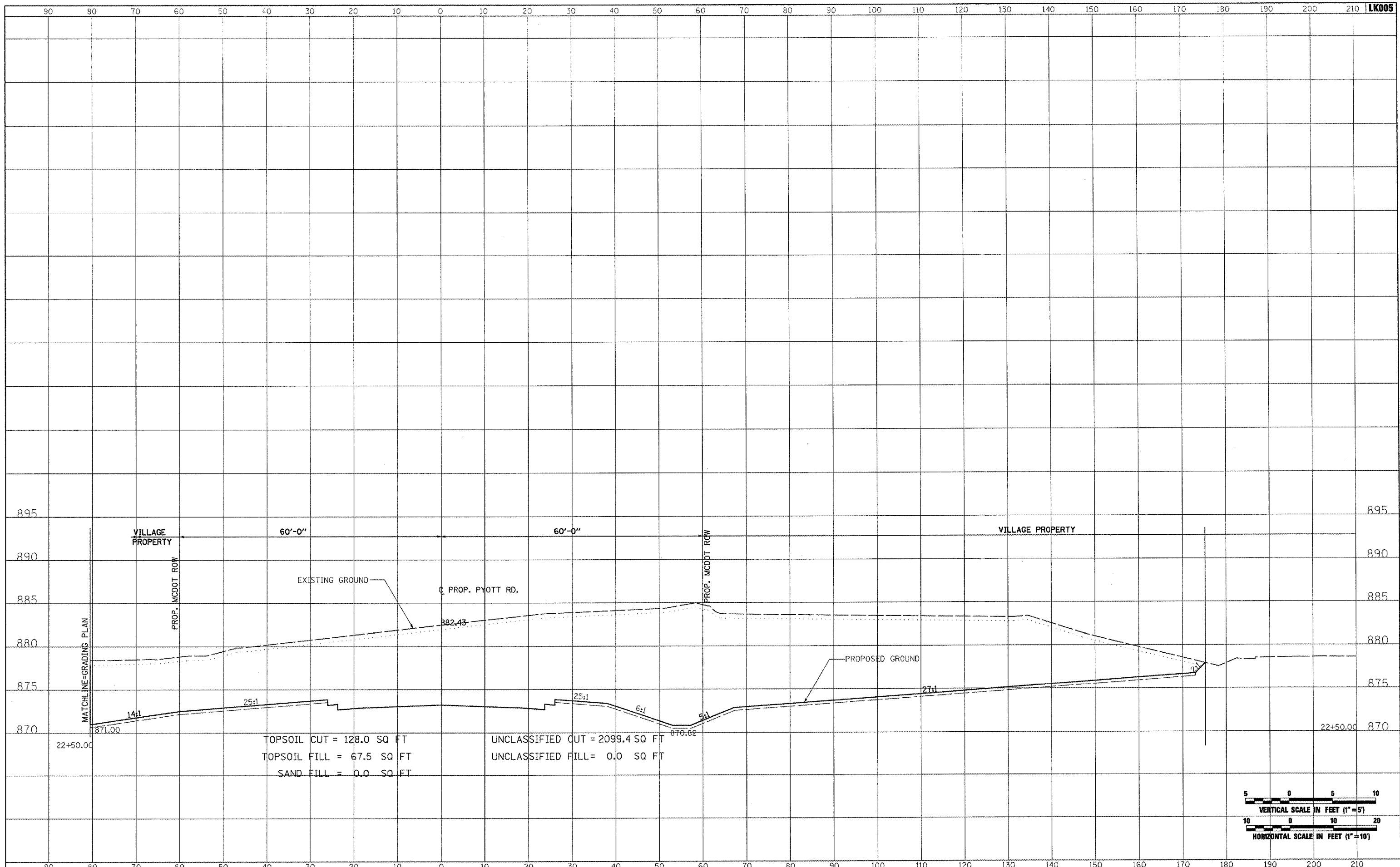


FILE NAME =	USER NAME = Ptas-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\263jobs\00041\0588021\Civil Pers A\Sheets\CROSSSECTIONS.sh		DRAWN - CBP	REVISED -			MCHENRY	120	57
PLOT SCALE = 20.0000 / IN.	CHECKED - BLB	REVISED -						
PLOT DATE = 02/28/2008, 09:54 AM	DATE - 02/29/08	REVISED -						
SCALE: AS SHOWN					STA. 22+00.00 TO STA. 22+00.00	FEDERAL AIP, NO. 3-17-0112-88 ILLINOIS IDA NO. 3CK-9671		

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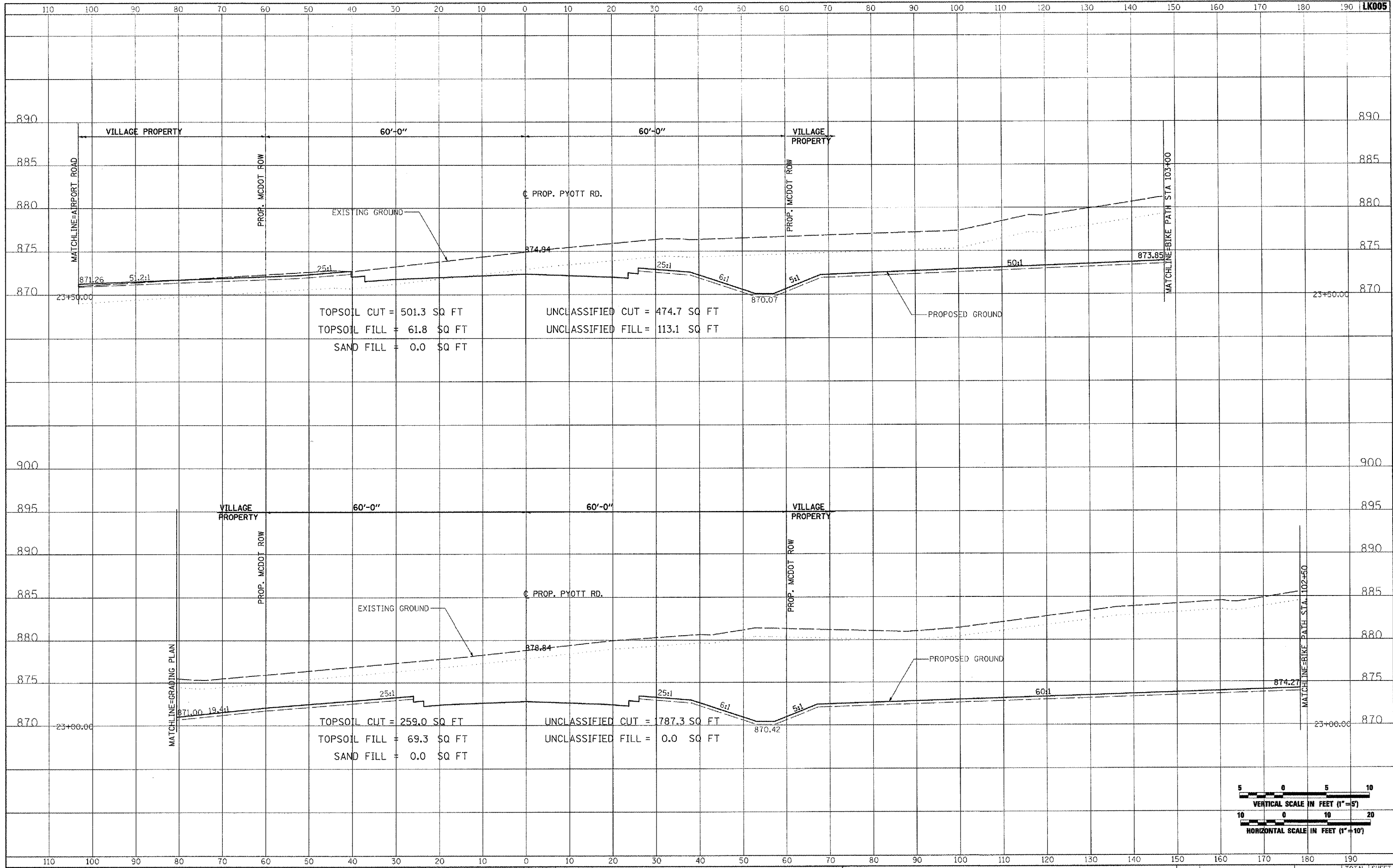


FILE NAME =	USER NAME = Pisor-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
J:\05Jobs\00041\0503021\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -		MCHERRY	120	58		
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-0112-BB	ILLINOIS	IDA NO. 3CK-9571		
PLOT DATE = 02/28/2009, 09:56 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 22+50.00 TO STA. 22+50.00			

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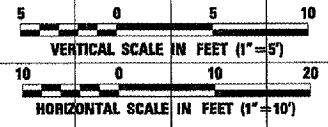


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NOTE BOOK	
AREAS CHECKED	
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TOPSOIL CUT = 501.3 SQ FT  
 TOPSOIL FILL = 61.8 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 474.7 SQ FT  
 UNCLASSIFIED FILL = 113.1 SQ FT

TOPSOIL CUT = 259.0 SQ FT  
 TOPSOIL FILL = 69.3 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 787.3 SQ FT  
 UNCLASSIFIED FILL = 0.0 SQ FT

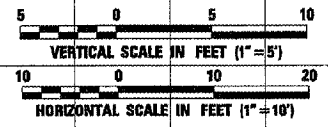
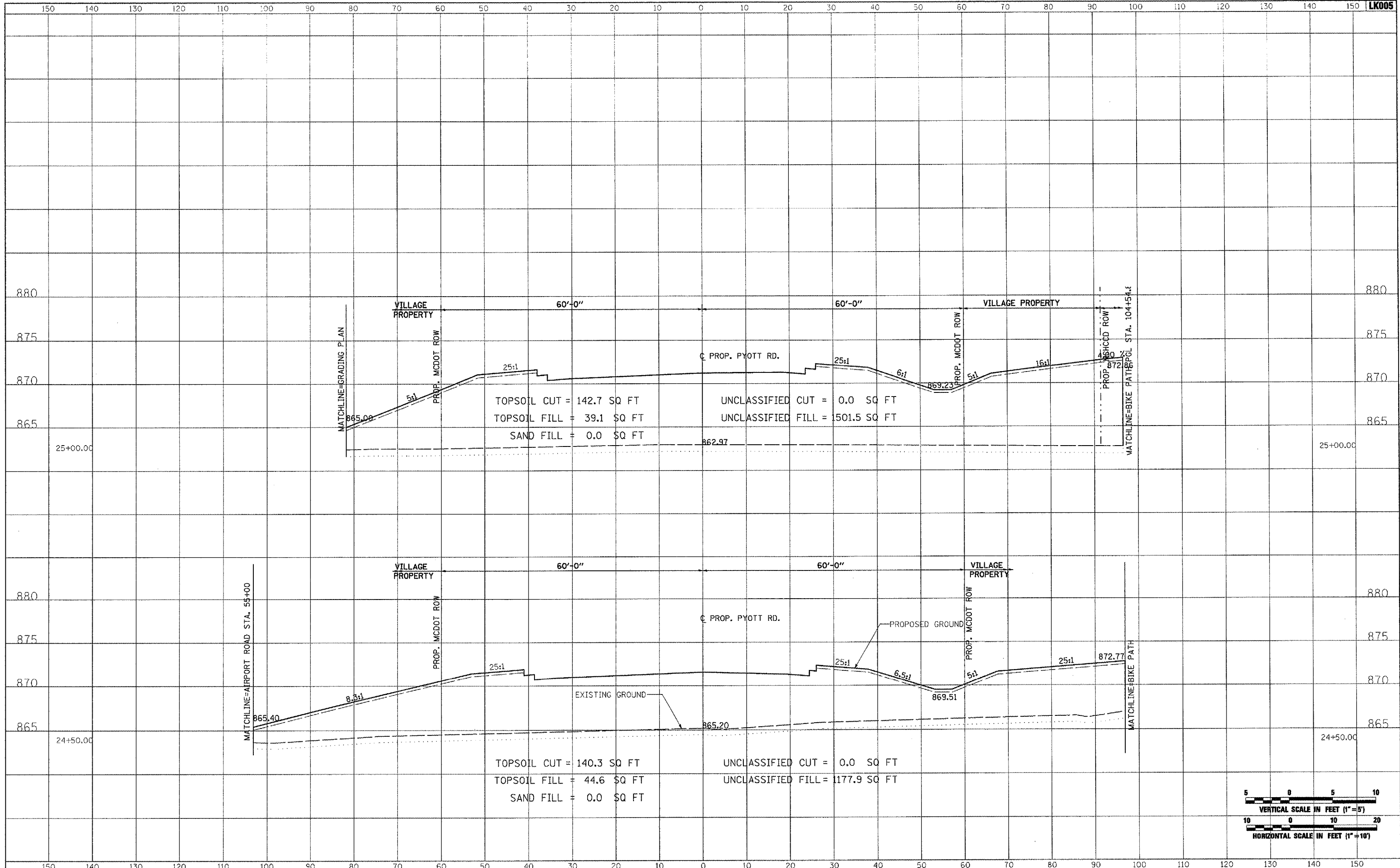


FILE NAME = I:\05Jobs\00841\0508021\Civil Part A\Sheets\CROSSSECTIONS.sht	USER NAME = P1aar01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 23+00.00 TO STA. 23+50.00	FEDERAL AIP, NO. 3-17-0112-08 ILLINOIS	IDA NO. 304-9571
		DRAWN - CBP	REVISED -			COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - BLB	REVISED -			MCHENRY	120	59	
		DATE - 02/29/08	REVISED -						

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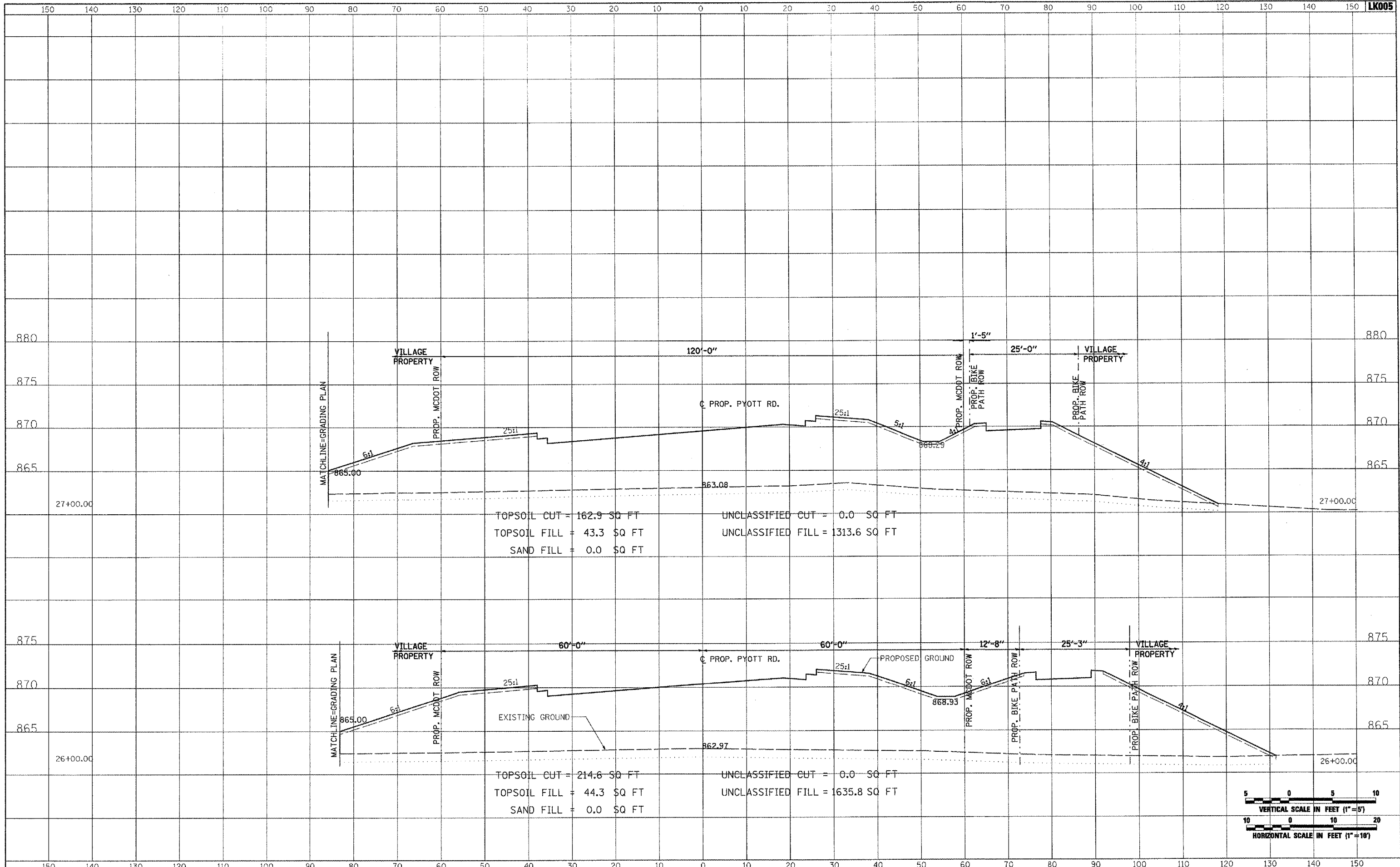


FILE NAME = I:\05Jobs\0041\058802\Civil Part A\Sheets\CROSSSECTIONS.sht	USER NAME = Plear01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 24+50.00 TO STA. 25+00.00	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	DRAWN - CBP	REVISED -			MCHENRY	120	60		
PLOT DATE = 02/28/2008, 09:05 AM	DATE - 02/29/08	REVISOR -	REVISED -			FEDERAL AIP. NO. 3-17-0112-B8	ILLINOIS	IDA NO. 3CX-9671		

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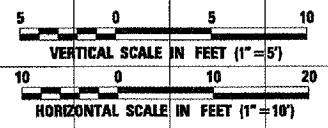


TOPSOIL CUT = 162.9 SQ FT  
 TOPSOIL FILL = 43.3 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 1313.6 SQ FT

TOPSOIL CUT = 214.6 SQ FT  
 TOPSOIL FILL = 44.3 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 1635.8 SQ FT

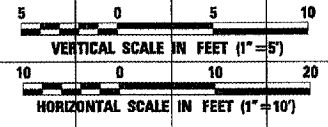
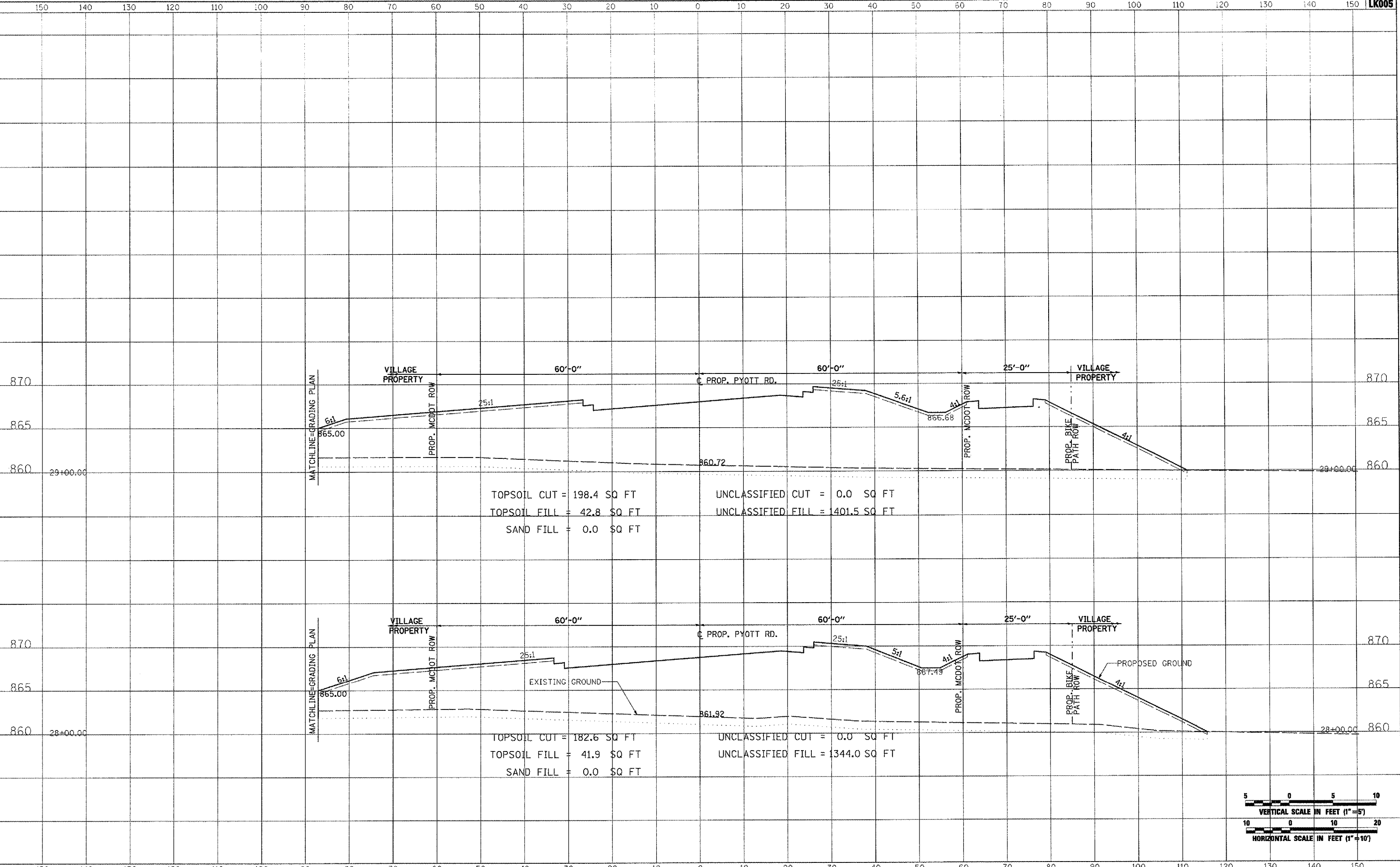


FILE NAME =	USER NAME = P1ear-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 26+00.00 TO STA. 27+00.00	FEDERAL AIP, NO. 3-17-0112-BB	ILLINOIS	IDA NO. 3CK-9571
J:\05Jobs\00841\0580021\Civil Part A\Sheets\CROSSSECTIONS.shc	DRAWN - CBP	REVISED -	COUNTY			TOTAL SHEETS	SHEET NO.			
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	MCHENRY			120	61			
PLOT DATE = 02/29/2008, 09:55 AM	DATE - 02/29/08	REVISED -								

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



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

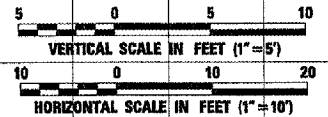
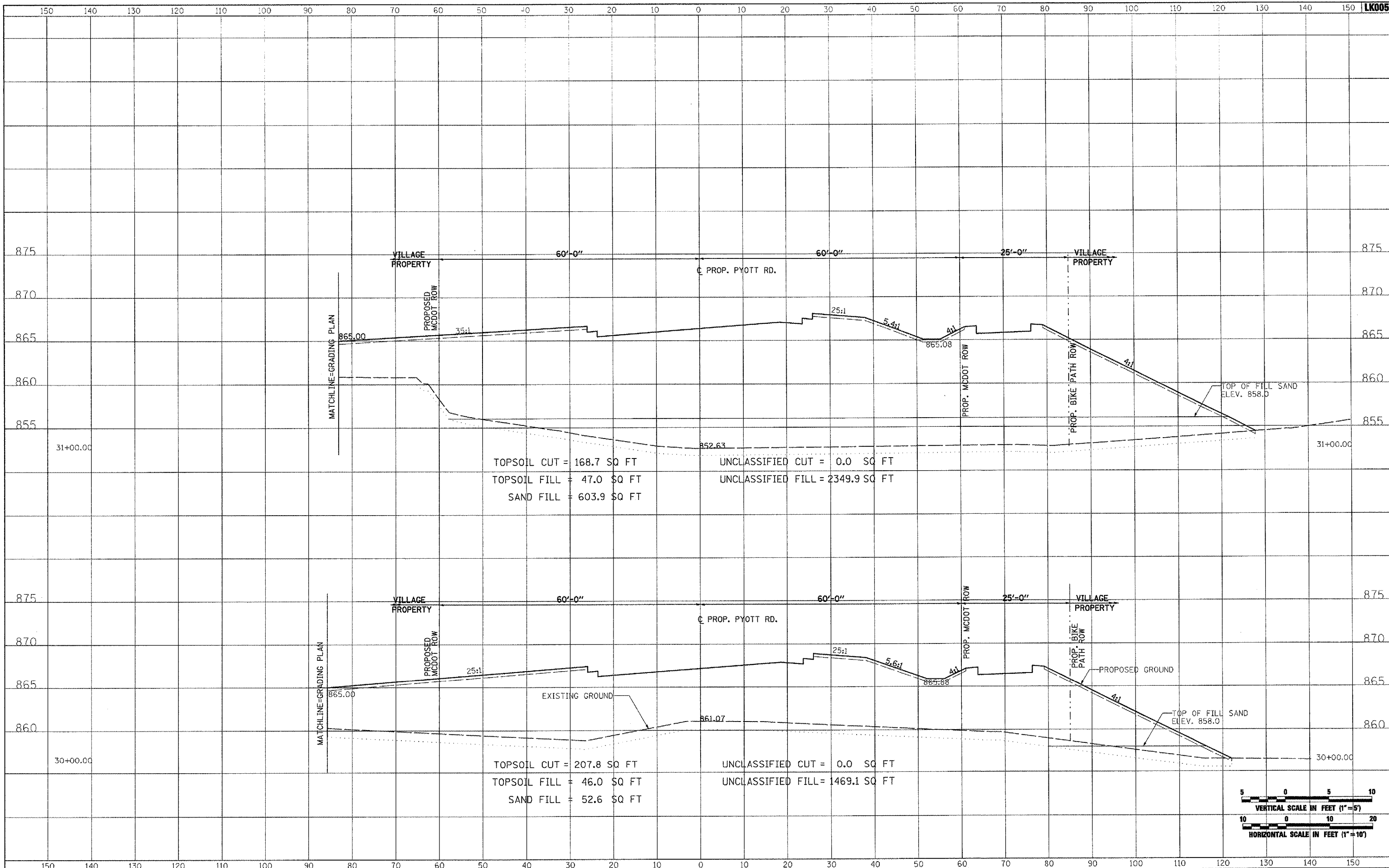


FILE NAME =	USER NAME = P100r-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0598021\Civil Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -			MCHENRY	120	62
		CHECKED - BLB	REVISED -					
		DATE - 02/29/08	REVISED -					
FLOT SCALE = 20,0000 / IN.				SCALE: AS SHOWN	STA. 28+00.00 TO STA. 29+00.00	FEDERAL AIP, No. 3-17-012-B8	ILLINOIS	IDA NO. 30K-9571

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AREAS CHECKED	

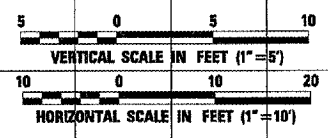
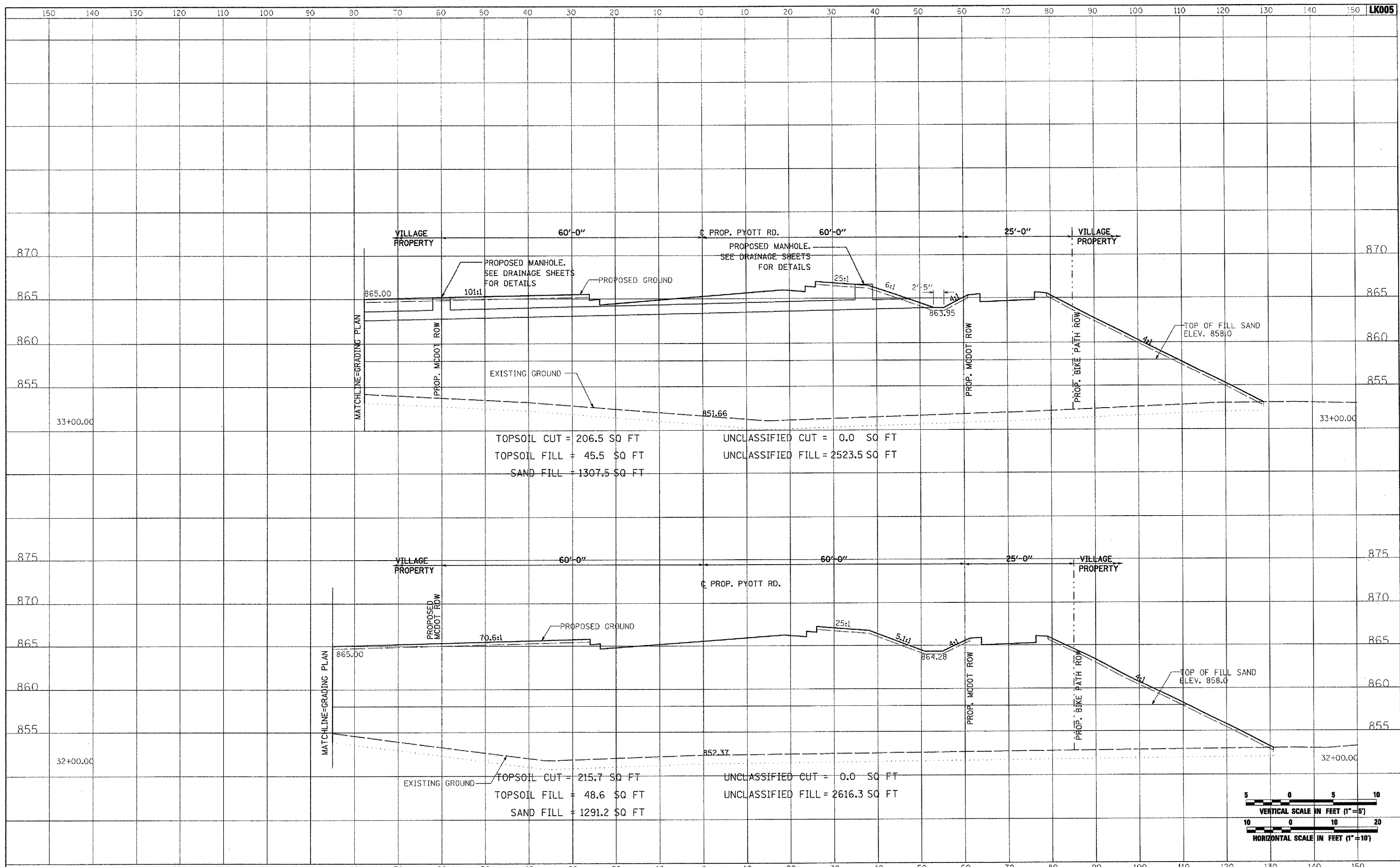


FILE NAME =	USER NAME = P150-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\25Jobs\02941\0568021\Civil Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -		MCHENRY	120	63		
PLOT SCALE = 20.0000' / 1"		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CK-9671		
PLOT DATE = 02/28/2009, 09:56 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 30+00.00 TO STA. 31+00.00			

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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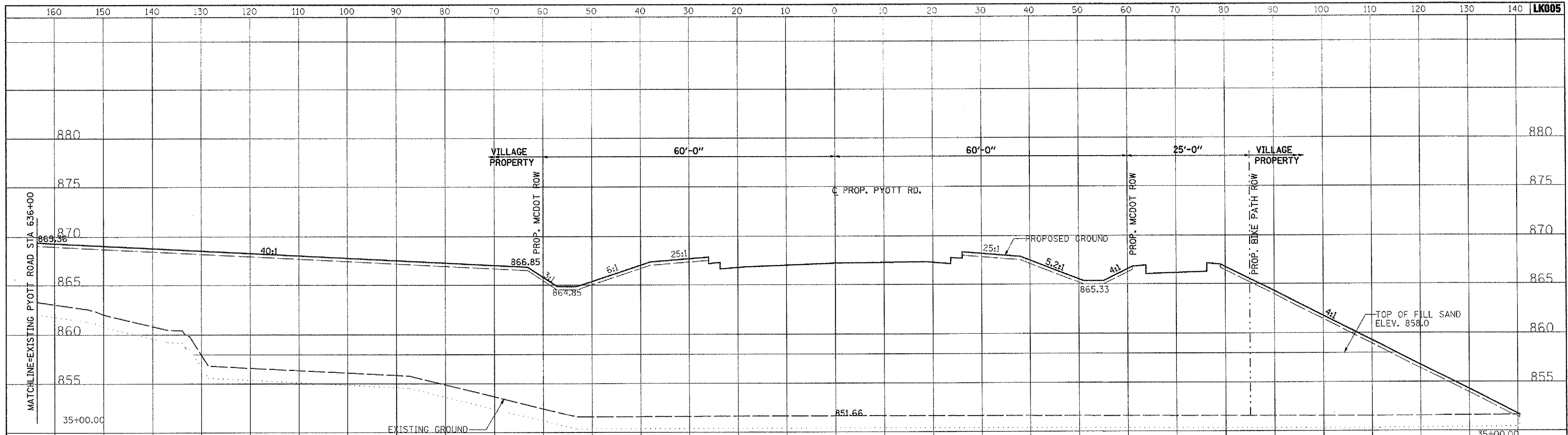
FILE NAME =	USER NAME = P10ar01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 32+00.00 TO STA. 33+00.00	COUNTY	TOTAL SHEETS	SHEET NO.
1:\05\Jobs\00841\0508021\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -			MCHENRY	120	64		
PLOT SCALE = 20,0000 / IN.		CHECKED - BLB	REVISED -			FEDERAL AIP. NO. 3-17-0112-B8	ILLINOIS	IDA NO. 30K-9671		
PLOT DATE = 02/28/2008, 09:56 AM		DATE - 02/29/08	REVISED -							



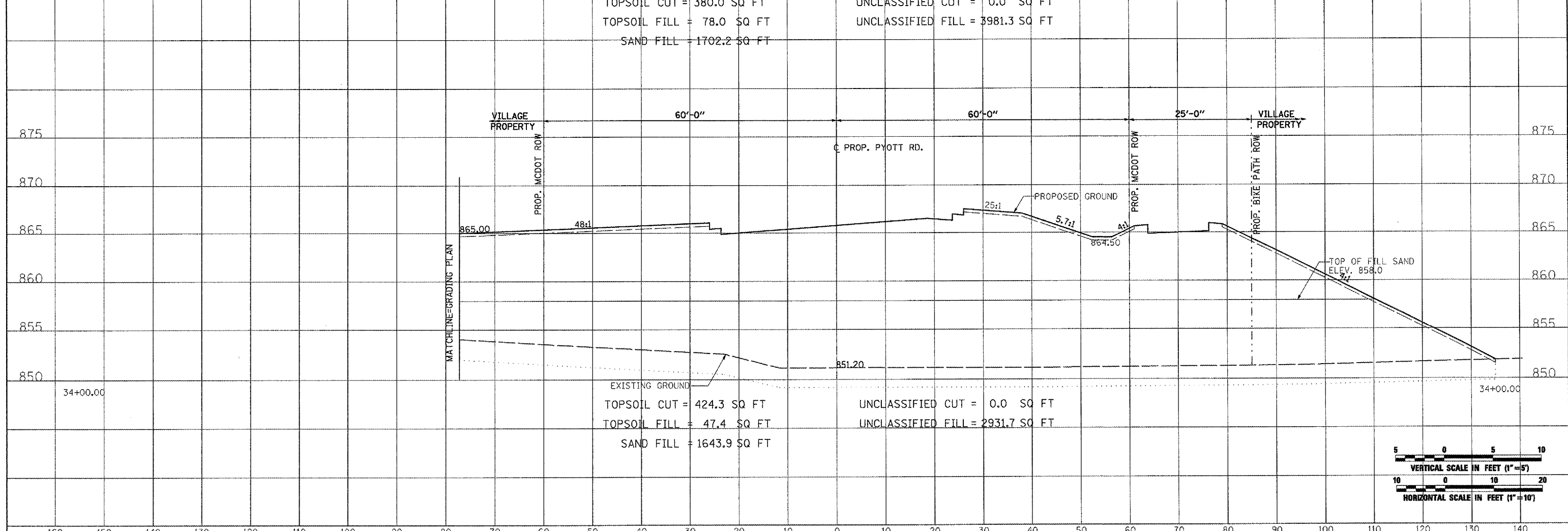
DATE	
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FINAL SURVEY	
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TEMPLATE	
AREAS CHECKED	
NO.	



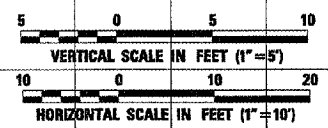
DATE	
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ORIGINAL SURVEY	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
NO.	



TOPSOIL CUT = 380.0 SQ FT  
 TOPSOIL FILL = 78.0 SQ FT  
 SAND FILL = 1702.2 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 3981.3 SQ FT



EXISTING GROUND  
 TOPSOIL CUT = 424.3 SQ FT  
 TOPSOIL FILL = 47.4 SQ FT  
 SAND FILL = 1643.9 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 2931.7 SQ FT

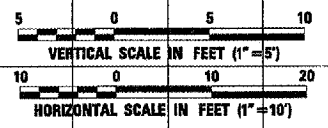
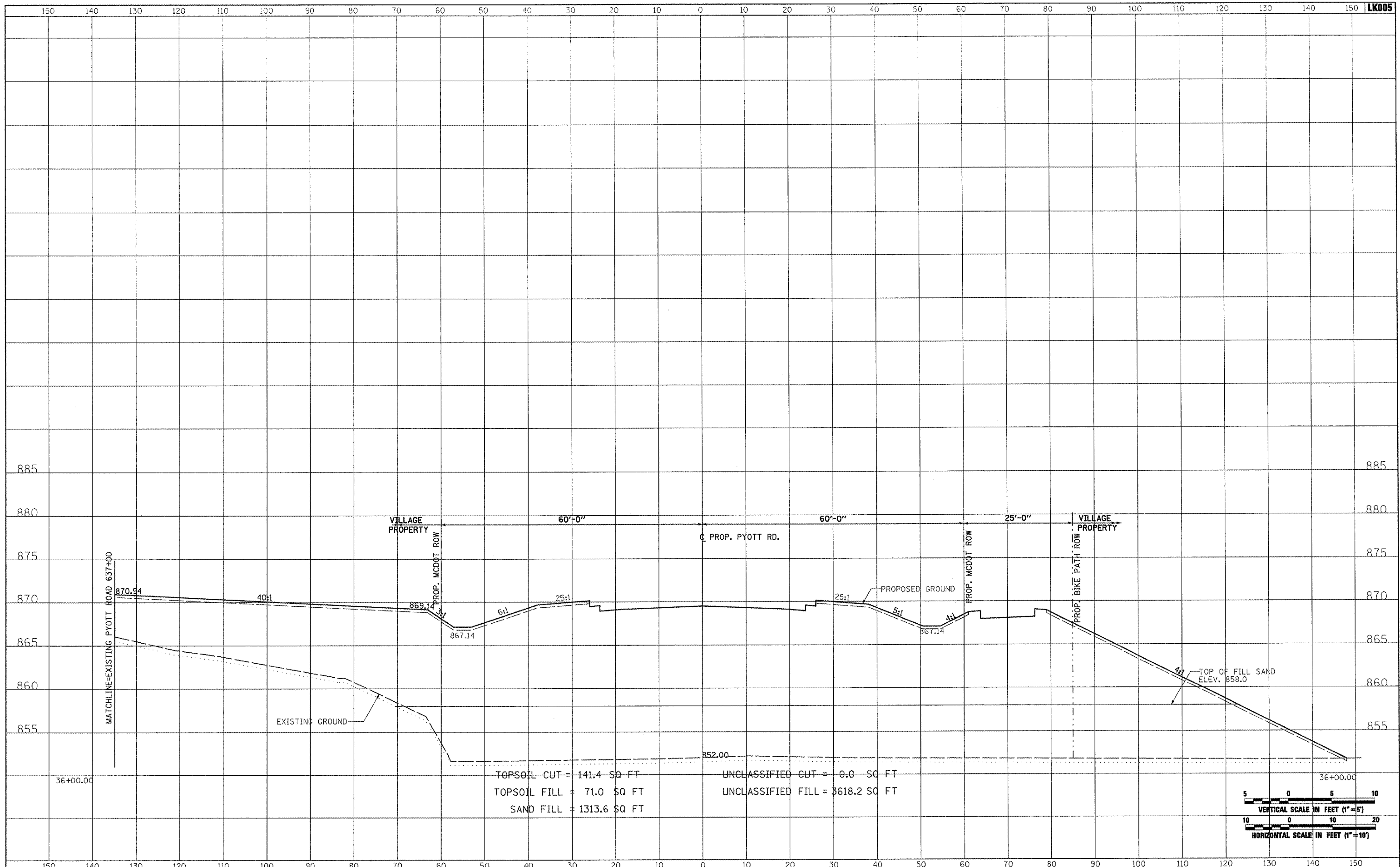


FILE NAME =	USER NAME = P1508-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\00841\05080021\Civil\Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -		MCHENRY	120	65		
PLOT SCALE = 20.0000 / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP, NO. 3-17-0112-08	ILLINOIS	IDA NO. 3CX-9671		
PLOT DATE = 02/29/08 09:56 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 34+00.00 TO STA. 35+00.00			

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
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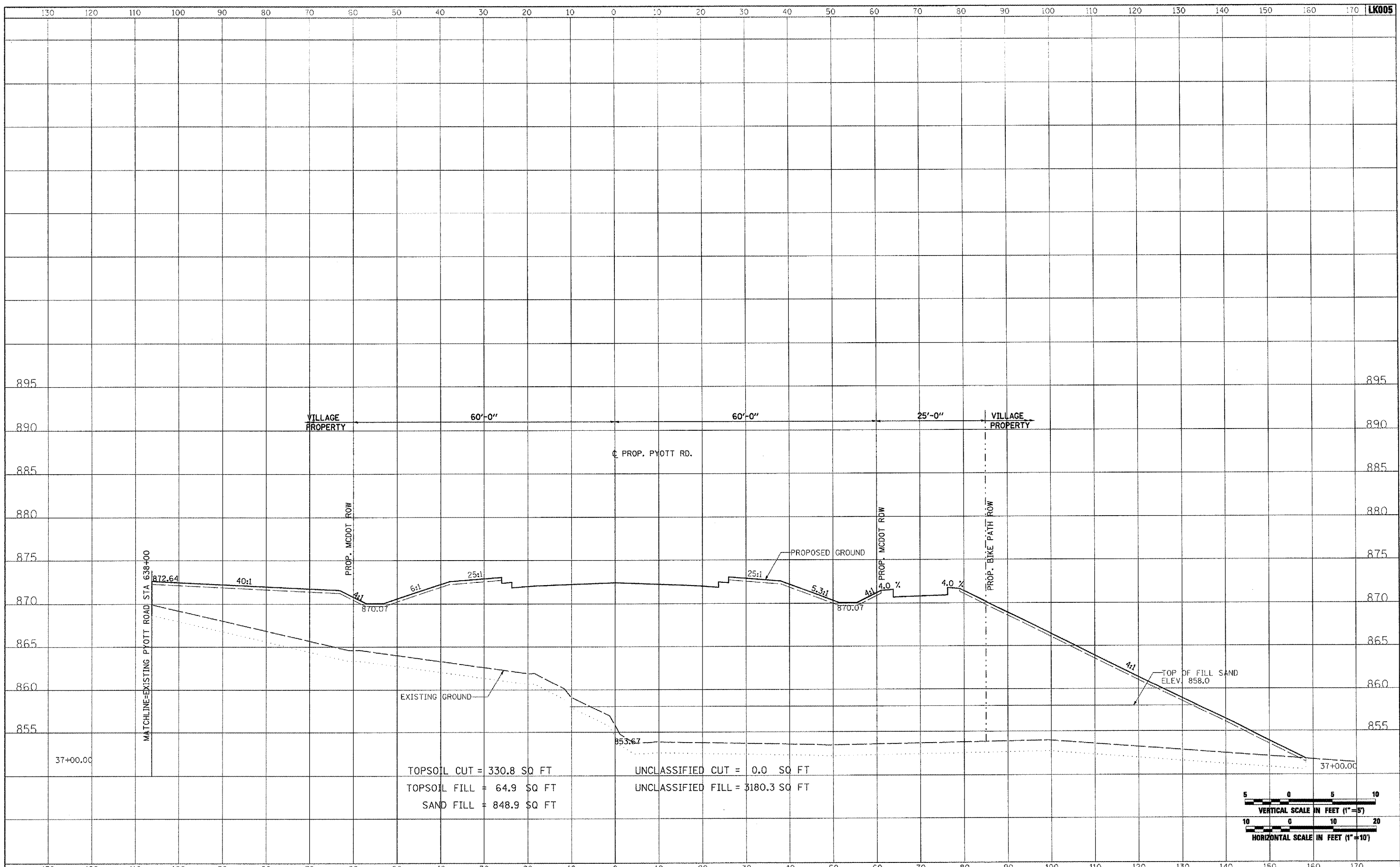
DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	



FILE NAME =	USER NAME = P:\001256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\06Jobs\00841\0588021\Civil Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -		MCHENRY	120	66		
PLOT SCALE = 20.0000 / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CK-9671		
PLOT DATE = 02/28/2008, 09:56 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 36+00.00 TO STA. 36+00.00			

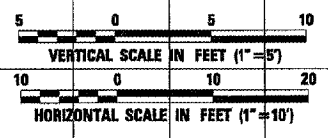
DATE	
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TEMPLATE	
NO. BOOK	
AREAS CHECKED	

DATE	
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ORIGINAL SURVEY	
NOTED	
PLATTED	
TEMPLATE	
NO. BOOK	
AREAS CHECKED	



TOPSOIL CUT = 330.8 SQ FT  
 TOPSOIL FILL = 64.9 SQ FT  
 SAND FILL = 848.9 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 3180.3 SQ FT

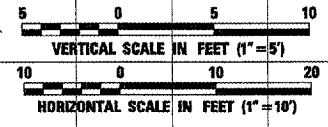
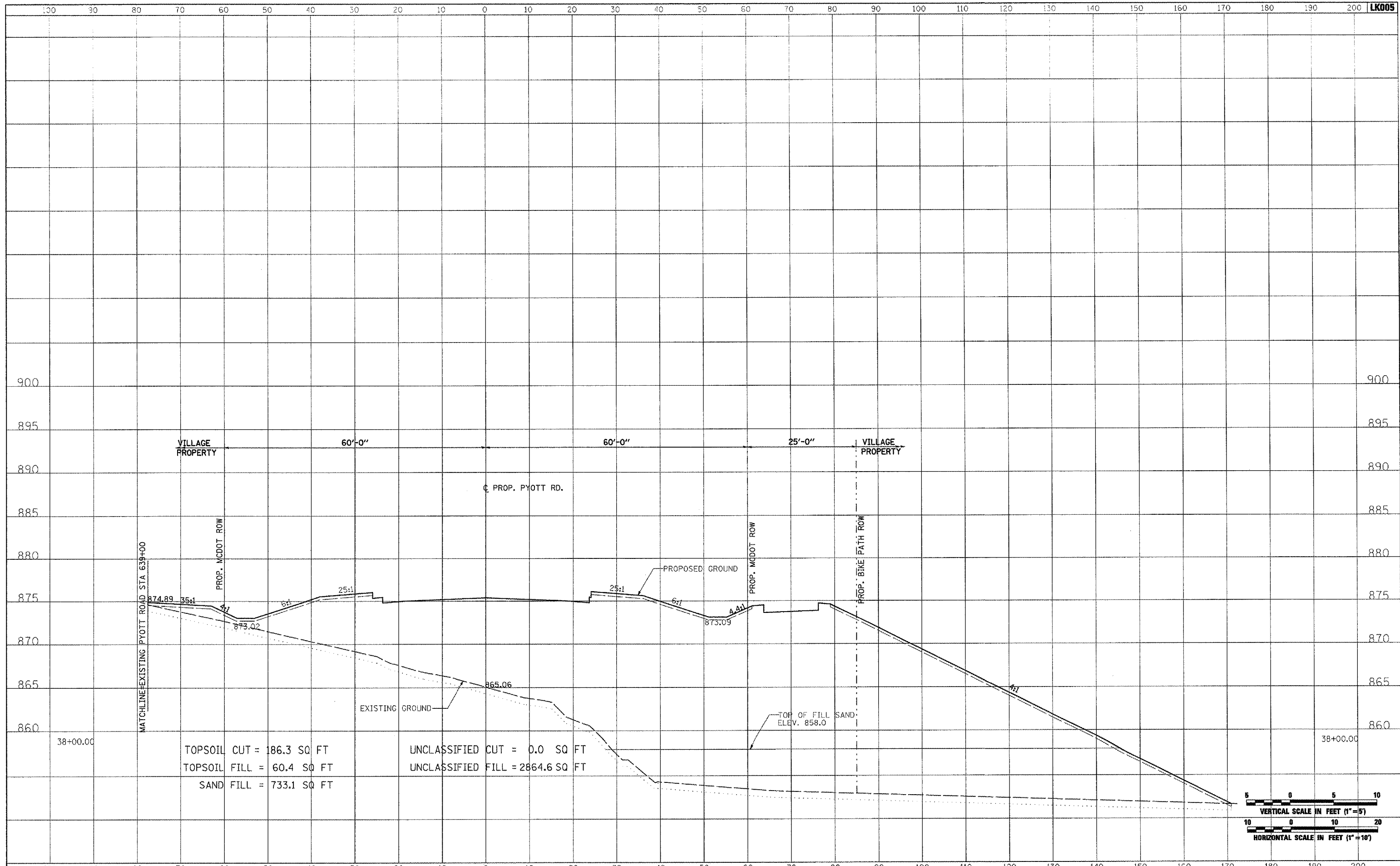


FILE NAME =	USER NAME = Pisor01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\0508021\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -		MCHENRY	120	67		
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 30X-9571		
PLOT DATE = 02/28/2008, 09:57 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 37+00.00 TO STA. 37+00.00			

DATE	
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FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
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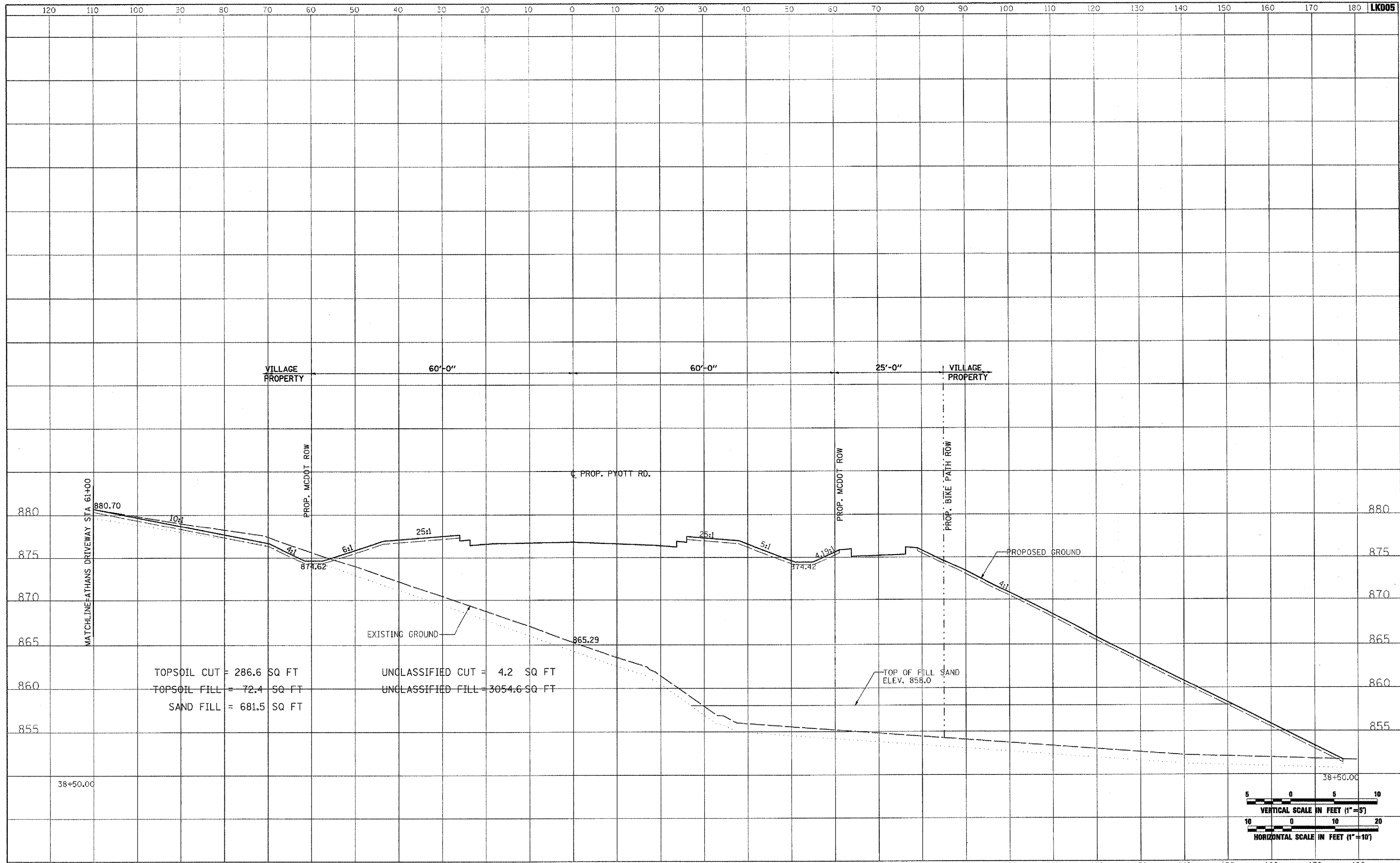


FILE NAME = I:\05Jobs\00841\0568021\Civil Part A\Sheets\CROSSSECTIONS.shx	USER NAME = Pisan01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 38+00.00 TO STA. 38+00.00	FEDERAL AJP. NO. 3-17-0112-88 ILLINOIS IDA NO. 3CK-9671
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	COUNTY			TOTAL SHEETS	SHEET NO.	
PLOT DATE = 02/28/2008, 09:57 AM	DATE - 02/29/08	REVISED -	MCHENRY			120	68	

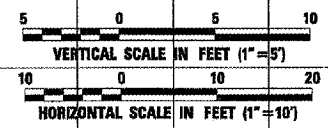
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DATE	
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PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



TOPSOIL CUT = 286.6 SQ FT  
 TOPSOIL FILL = 72.4 SQ FT  
 SAND FILL = 681.5 SQ FT  
 UNCLASSIFIED CUT = 4.2 SQ FT  
 UNCLASSIFIED FILL = 3054.6 SQ FT

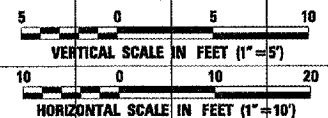
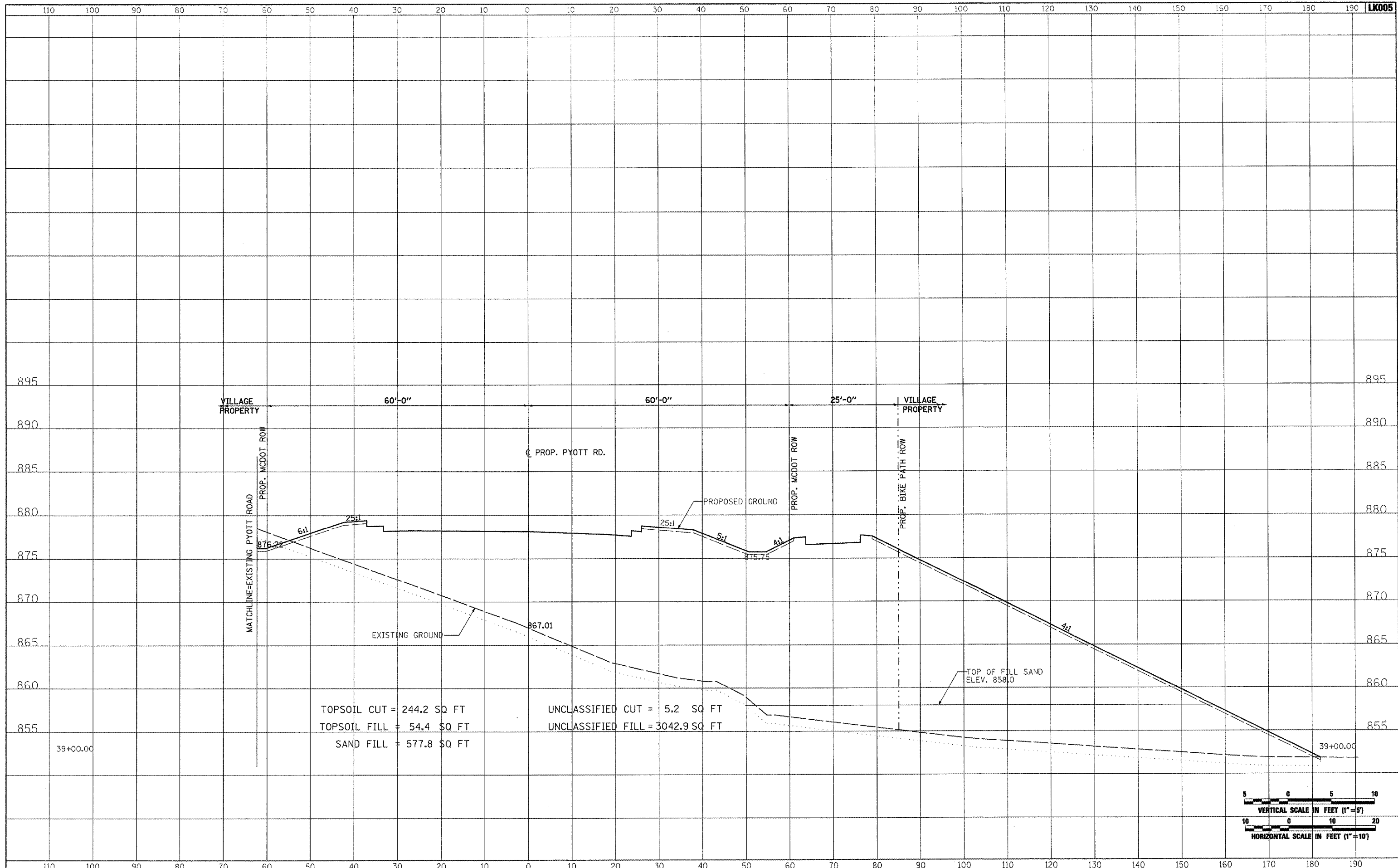


FILE NAME =	USER NAME = Pisan-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\056602\Civil Part A\Sheets\CROSSSECTIONS.sht	DRAWN - CBP	REVISED -	MCHENRY			120	69	
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-0112-B8			ILLINOIS	IDA NO. 3CR-9671	
PLOT DATE = 02/29/2008, 09:57 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 38+50.00 TO STA. 38+50.00		

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FINAL SURVEY	
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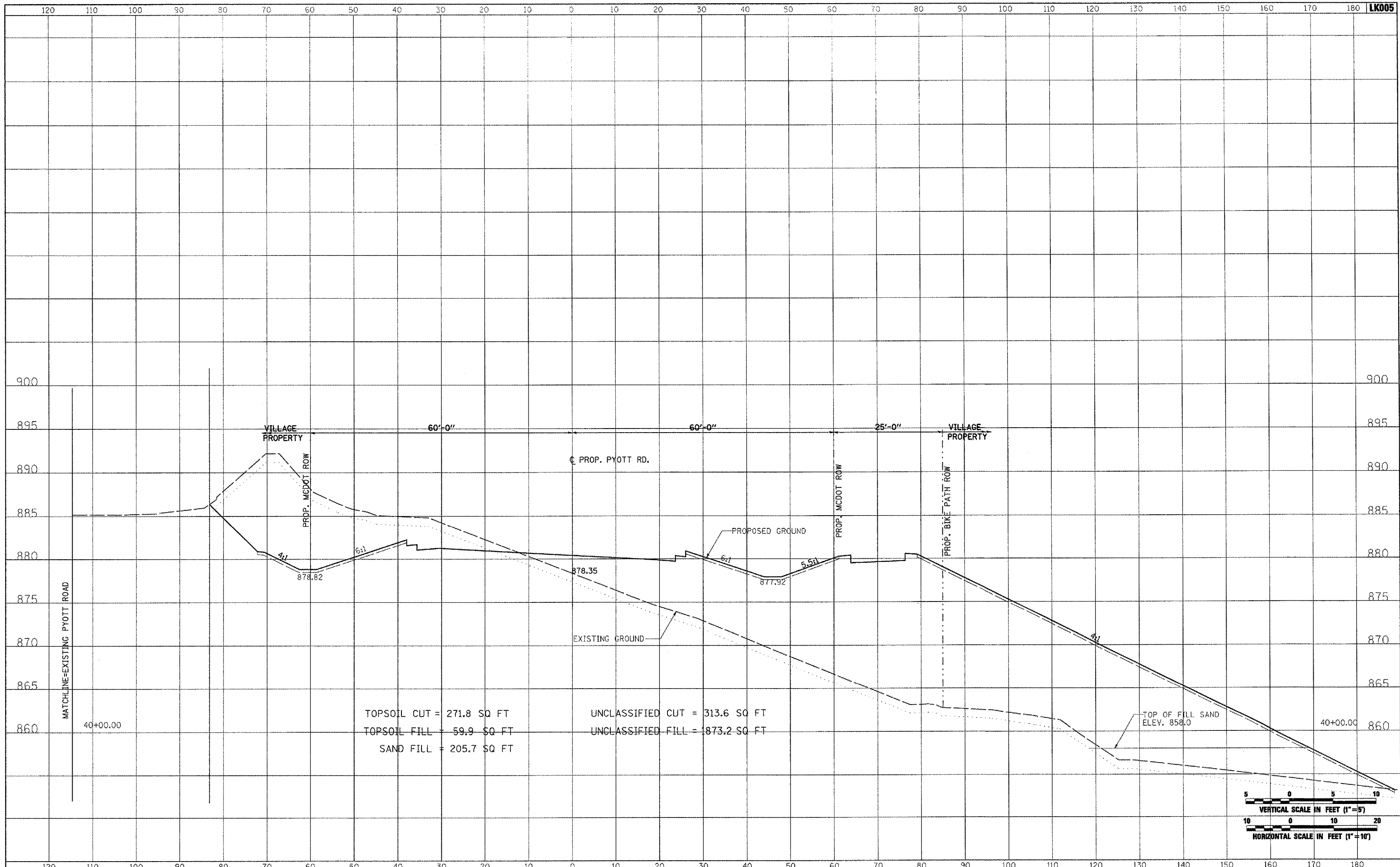


FILE NAME = I:\05\Jobs\00841\05B0021\Civil Part A\Sheets\CROSSSECTIONS.shx	USER NAME = Pissr-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CBP	REVISED -		MCHENRY	120	70		
		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-0112-08	ILLINOIS	IDA NO. 3CX-9671		
		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 39+00.00 TO STA. 39+00.00			

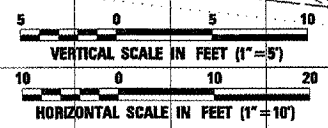
DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	



DATE	BY
SURVEYED	PLOTTED
TEMPLATE	AREAS CHECKED
NO.	



TOPSOIL CUT = 271.8 SQ FT  
 TOPSOIL FILL = 59.9 SQ FT  
 SAND FILL = 205.7 SQ FT  
 UNCLASSIFIED CUT = 313.6 SQ FT  
 UNCLASSIFIED FILL = 1873.2 SQ FT

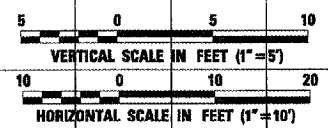
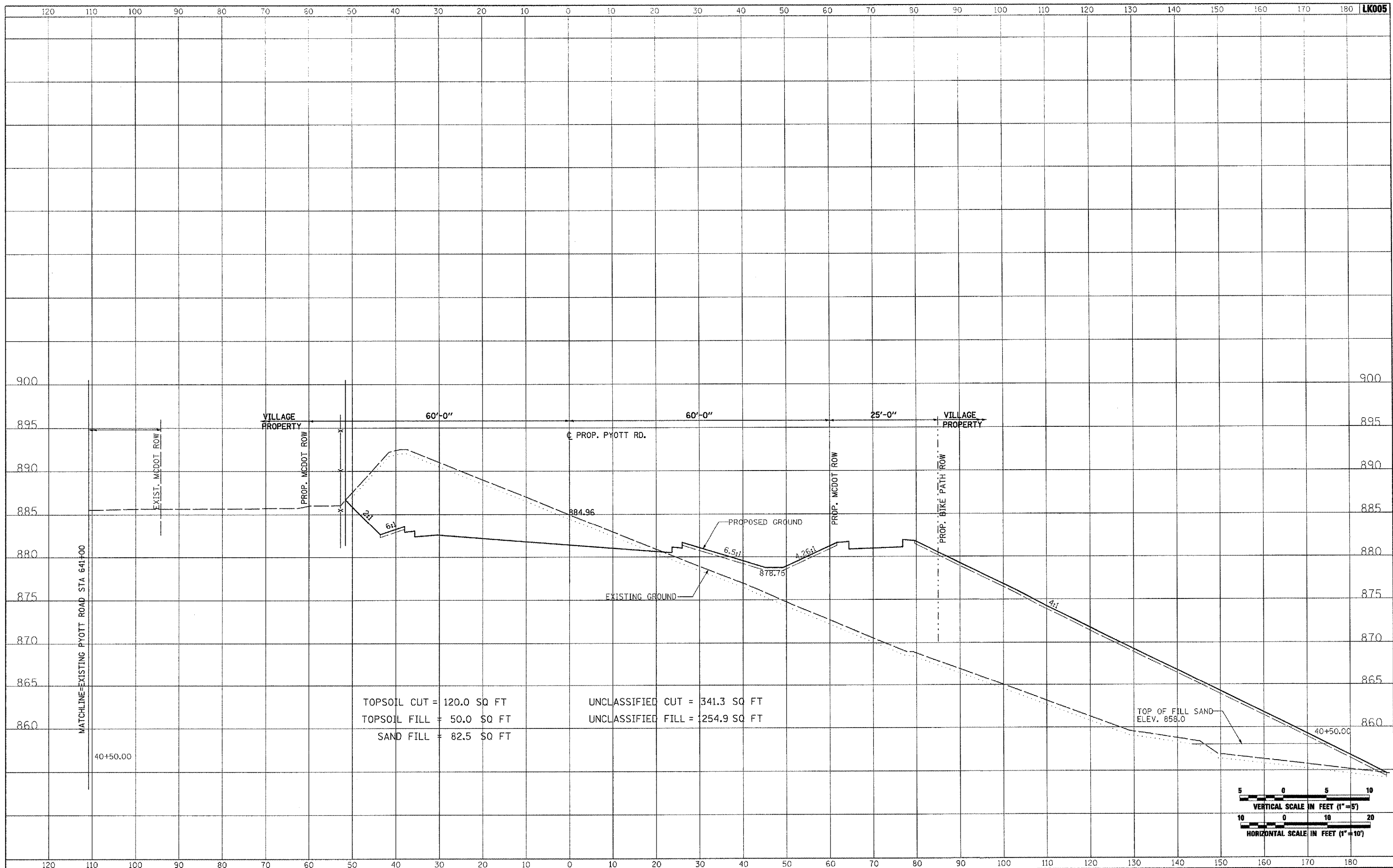


FILE NAME =	USER NAME = P100r-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\05B0021\Civil Pers A\Sheets\CROSSSECTIONS.sh		DRAWN - CBP	REVISED -			MCHENRY	120	71
PLOT SCALE = 20.0000 / / IN.		CHECKED - BLB	REVISED -			FEDERAL AIP. NO. 3-17-0112-68	ILLINOIS	IDA NO. 3CX-9671
PLOT DATE = 02/28/2008, 09:58 AM		DATE - 02/29/08	REVISED -			SCALE: AS SHOWN	STA. 40+00.00 TO STA. 40+00.00	

DATE	
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FINAL SURVEY	
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TEMPLATE	
AREAS CHECKED	



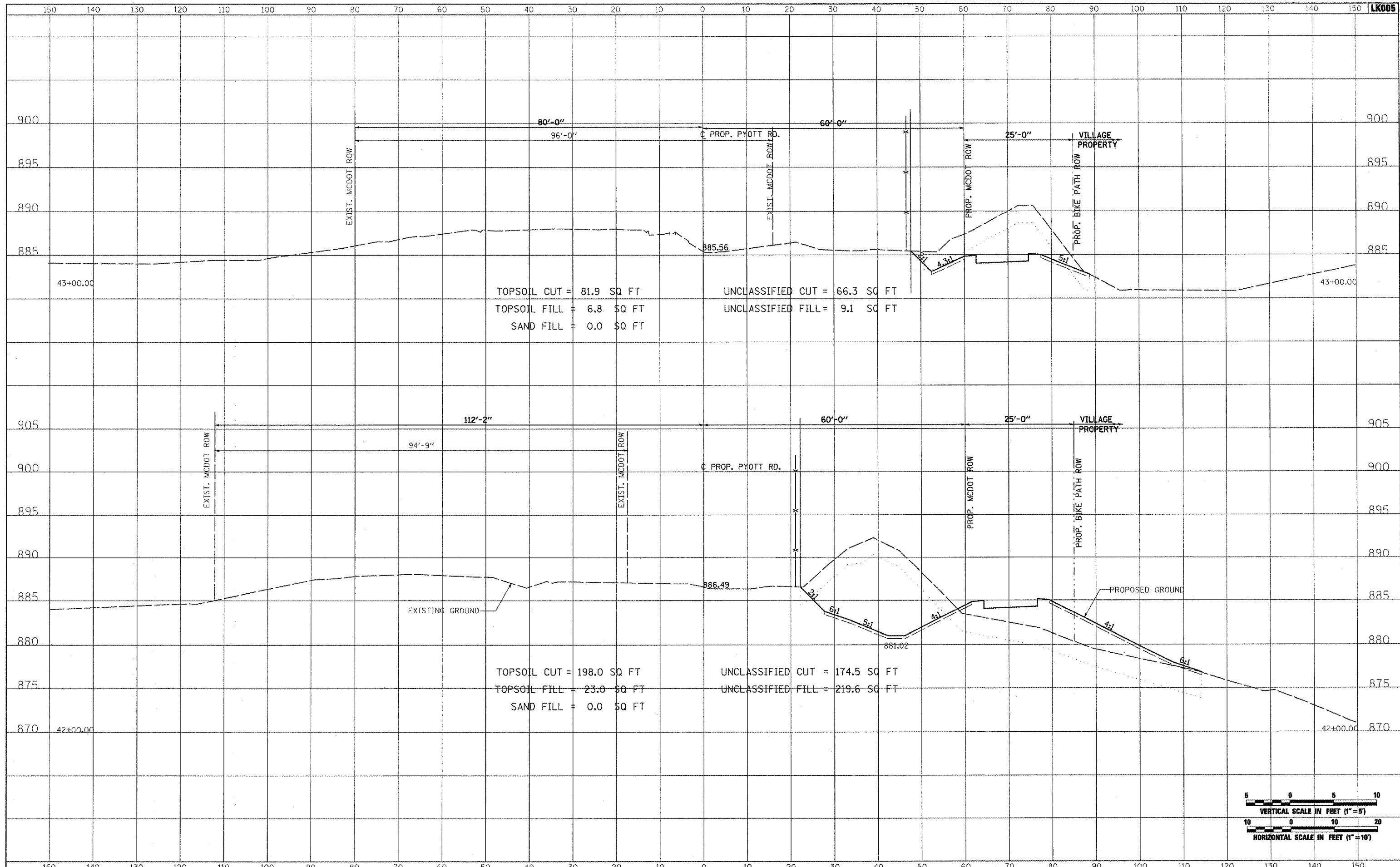
DATE	
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ORIGINAL SURVEY	
NOTE BOOK NO.	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



FILE NAME =	USER NAME = P150r-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\25Jobs\00841\0588821\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -		MCHENRY	120	72		
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP, No. 3-17-012-B8	ILLINOIS	IDA No. 3CK-9571		
PLOT DATE = 02/28/2008, 09:58 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	STA. 40+50.00 TO STA. 40+50.00			



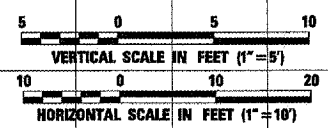




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NOTE BOOK	
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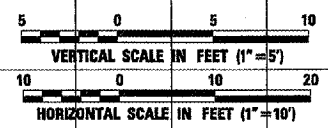
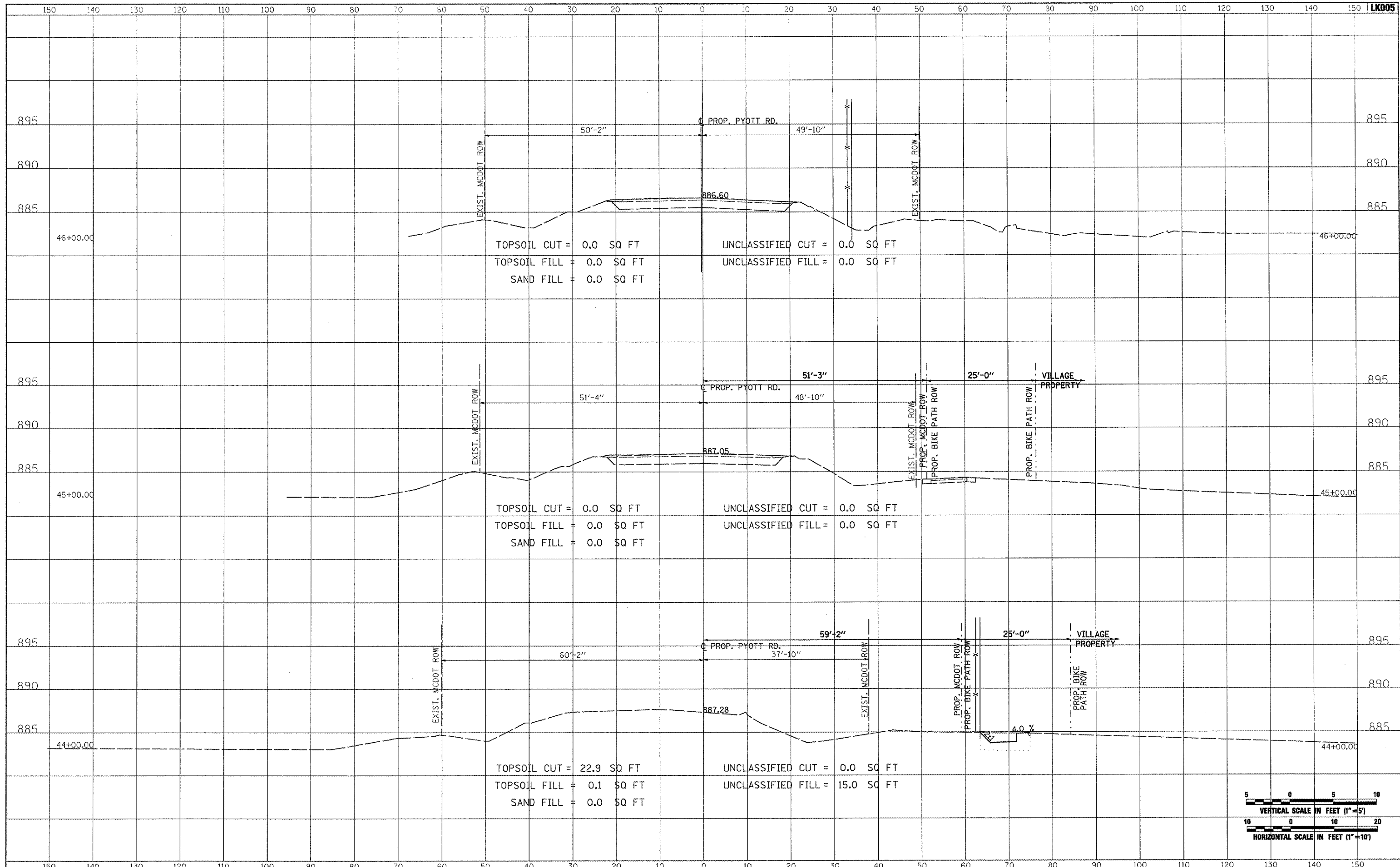


FILE NAME =	USER NAME = Piser-01296	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00941\05B8021\Civil Part A\Sheets\CROSSSECTIONS.shd	PLLOT SCALE = 20.0000 / IN.	DRAWN - CBP	REVISED -			MCHENRY	120	74
PLOT DATE = 02/28/2008, 09:59 AM	DATE = 02/29/08	CHECKED - BLB	REVISED -			FEDERAL AIP. NO. 3-17-0112-B8	ILLINOIS	IDA NO. 3CK-9571
		SCALE: AS SHOWN				STA. 42+00.00 TO STA. 43+00.00		

DATE	
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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
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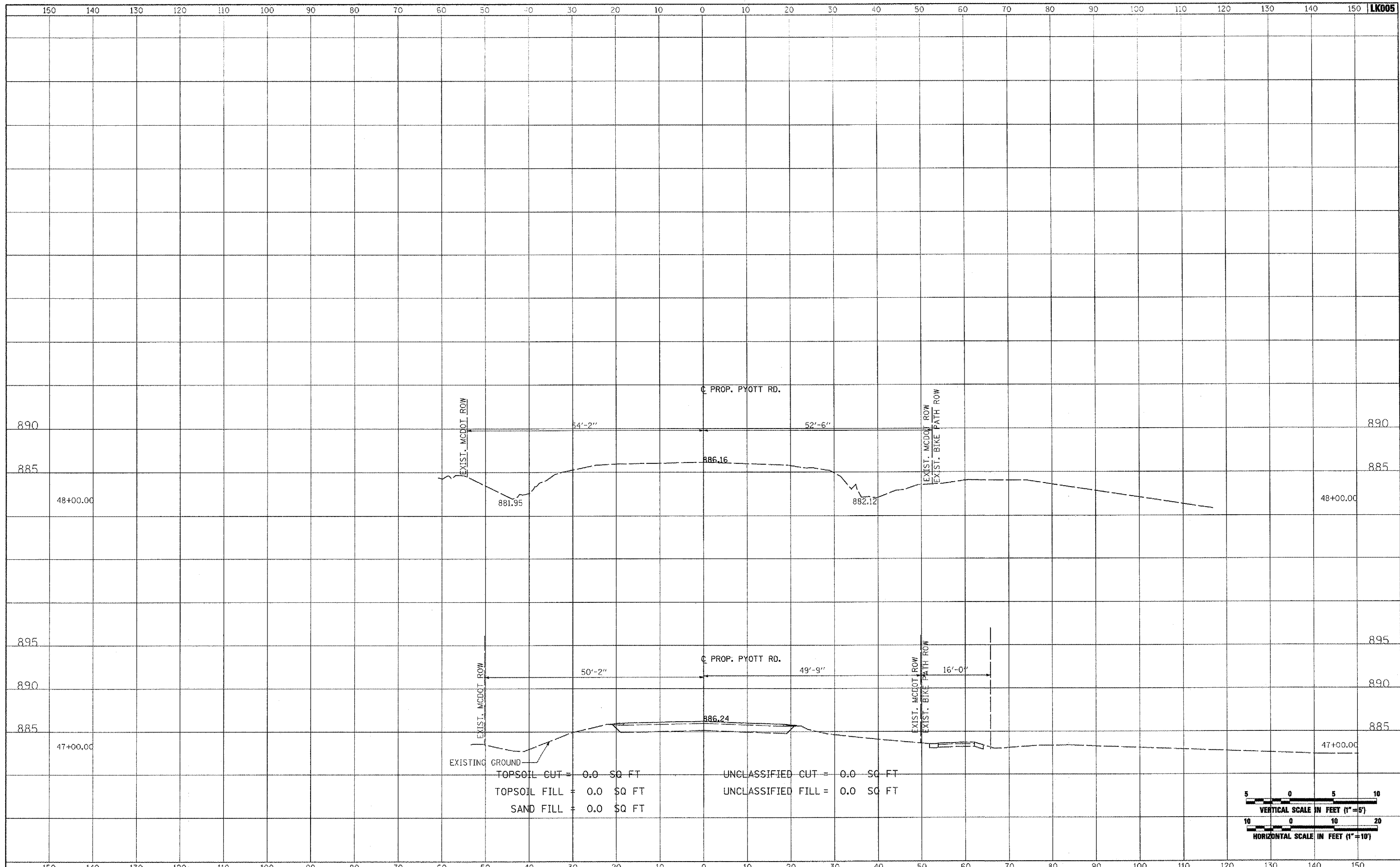


FILE NAME =	USER NAME = P100-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\02041\0508021\Civil Part A\Sheets\CROSSSECTIONS.shx		DRAWN - CBP	REVISED -			MCHENRY	120	75
PLOT SCALE = 20.0000 "/ IN.		CHECKED - BLG	REVISED -			FEDERAL AIP, NO. 3-17-0112-B8	ILLINOIS	IDA NO. 3CX-9671
PLOT DATE = 02/28/2008, 09:58 AM		DATE - 02/29/08	REVISED -			SCALE: AS SHOWN	STA. 44+00.00 TO STA. 46+00.00	

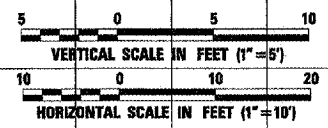
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AREAS CHECKED	



DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
AREAS CHECKED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



EXISTING GROUND  
 TOPSOIL CUT = 0.0 SQ FT  
 TOPSOIL FILL = 0.0 SQ FT  
 SAND FILL = 0.0 SQ FT  
 UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 0.0 SQ FT

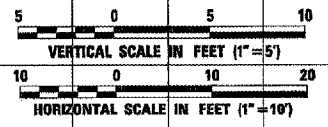
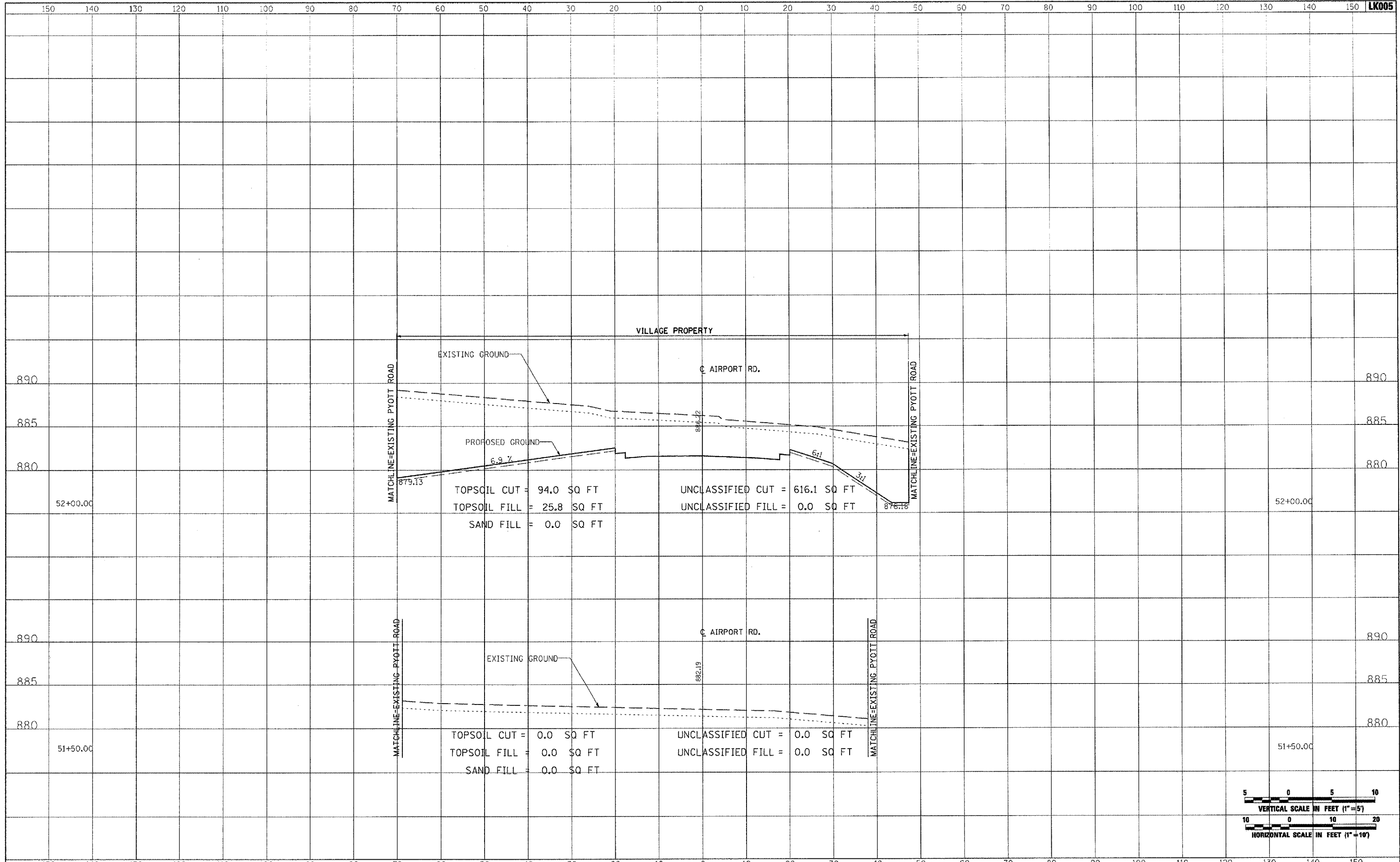


FILE NAME =	USER NAME = P100-01256	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED PYOTT ROAD</b>	SCALE: AS SHOWN	STA. 47+00.00 TO STA. 48+00.00	FEDERAL AIP. NO. 3-17-012-B8	ILLINOIS	IDA NO. 30K-9571
J:\05Jobs\00841\0588021\Civil Part A\Sheets\CROSSSECTIONS.sht		DRAWN - CBP	REVISED -			COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 20.0000 ' / IN.		CHECKED - BLB	REVISED -			MCHENRY	120	76		
PLOT DATE = 02/28/2008, 09:59 AM		DATE - 02/29/08	REVISED -							

DATE	
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NOTE BOOK NO.	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



DATE	
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ORIGINAL SURVEY	
NOTE BOOK NO.	
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TEMPLATE	
AREAS CHECKED	



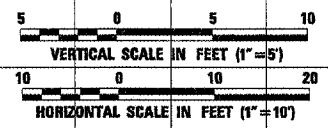
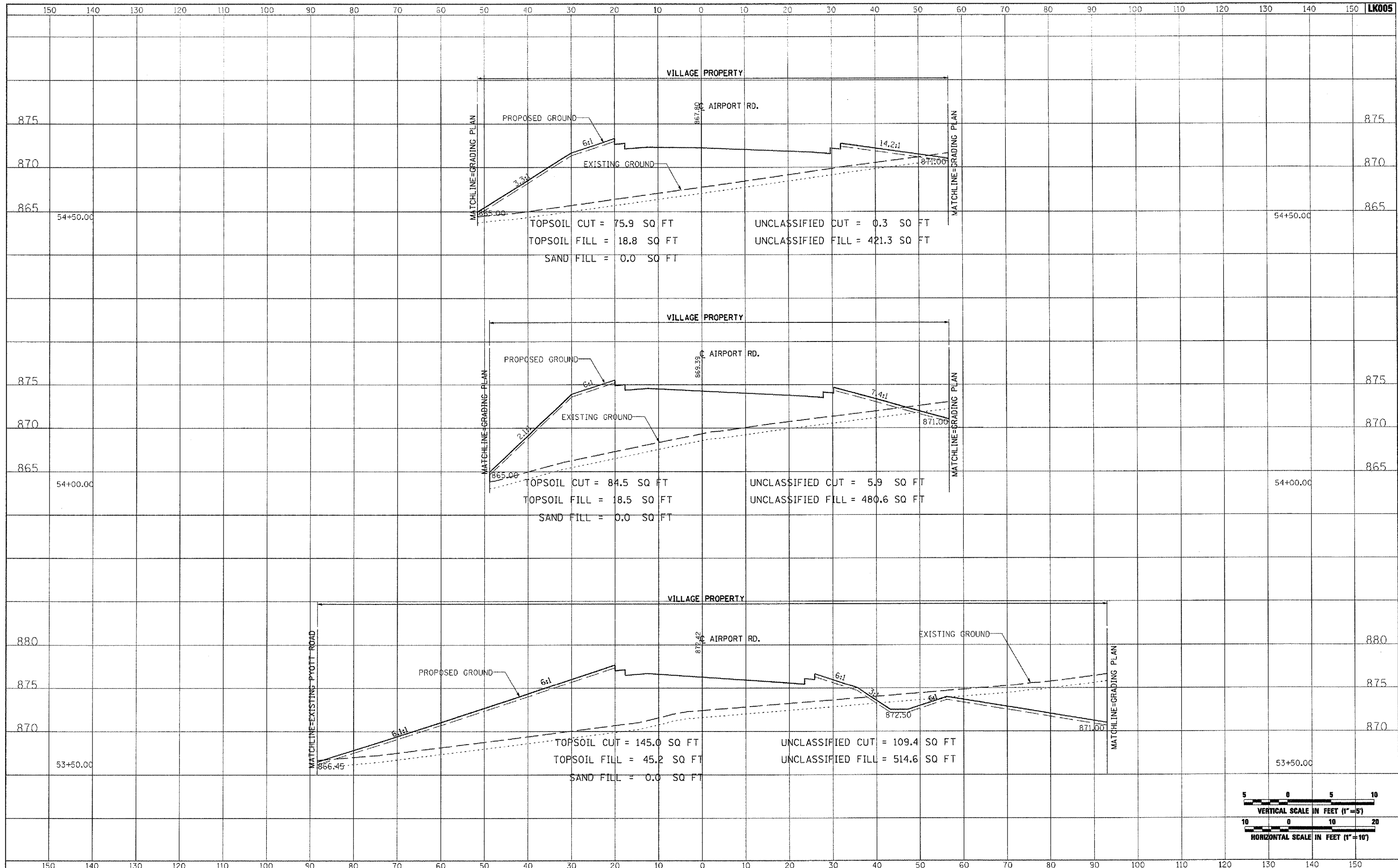
FILE NAME = I:\05Jobs\00841\05B021\1\Part A\Sheets\CROSSSECTIONS_AirportRd.dwt	USER NAME = MoLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED AIRPORT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	MCHENRY			120	77	
PLOT DATE = 02/29/08 09:48 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP, NO. 3-17-012-98 ILLINOIS IDA NO. 3CK-9671					
SCALE: AS SHOWN			STA. 51+50.00 TO STA. 52+00.00					



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AREAS CHECKED	
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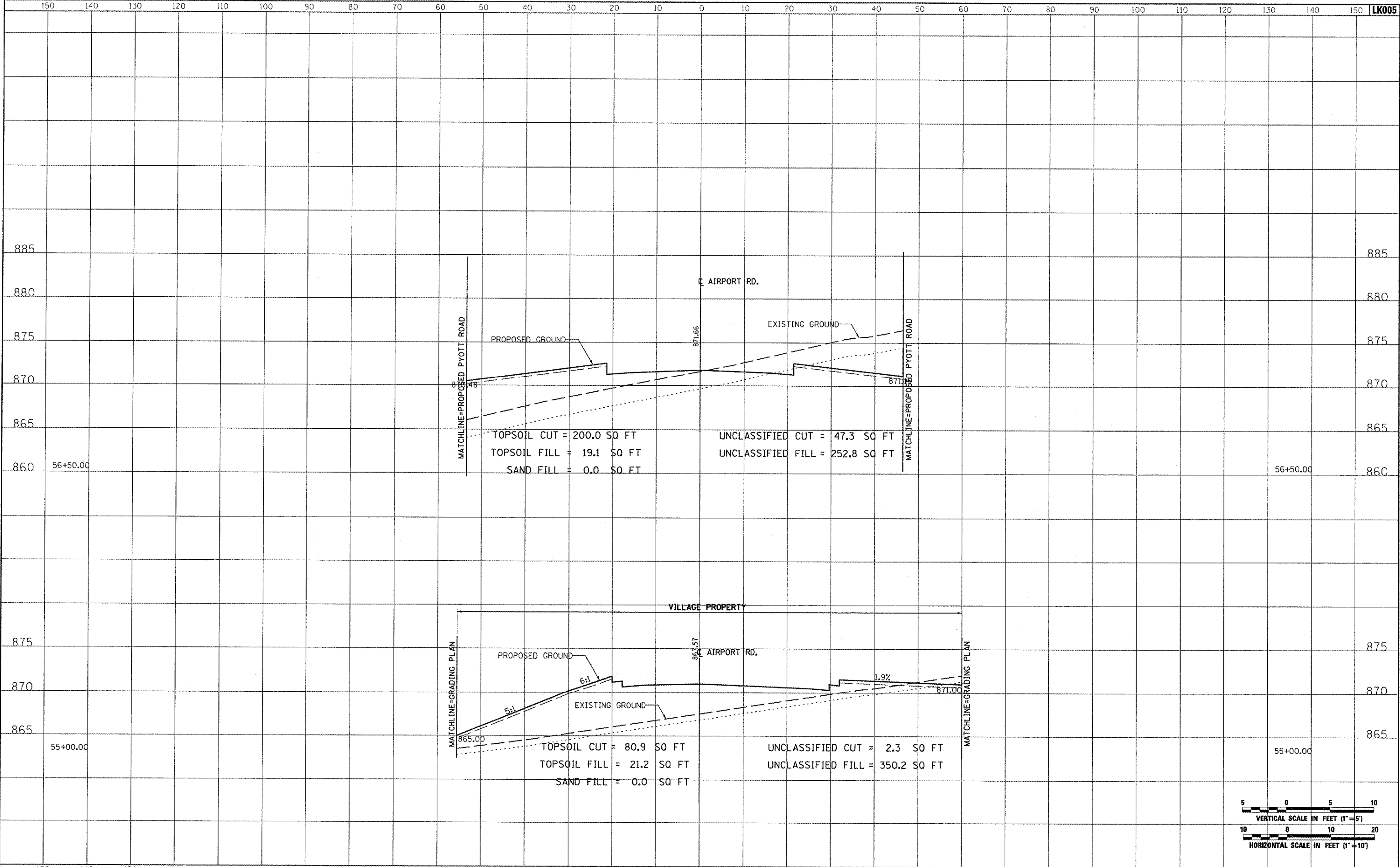


FILE NAME =	USER NAME = McLou21058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED AIRPORT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0588821\Civil Part A\Sheets\CROSSSECTIONS_AirportRd.dwg	DRAWN - CBP	REVISED -	MCHENRY			120	79	
PLOT SCALE = 20,0000 / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, No. 3-17-0112-08			ILLINOIS	IDA NO. 3CK-9671	
PLOT DATE = 02/29/2006, 09:48 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 53+50.00 TO STA. 54+50.00		

DATE	
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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
NOTE BOOK	
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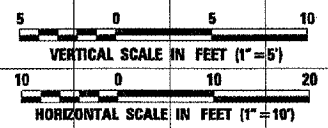
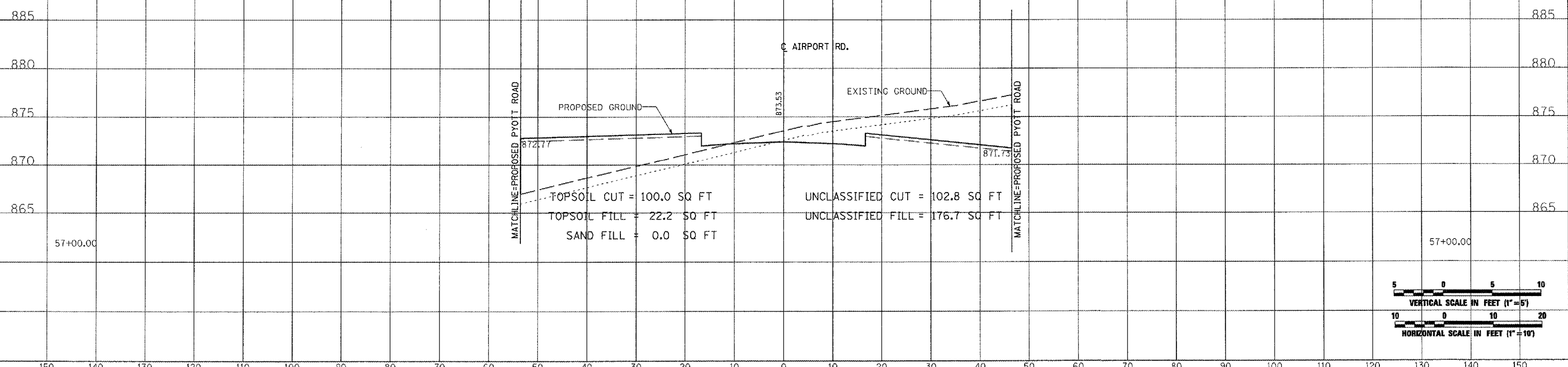
FILE NAME =	USER NAME = MoLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED AIRPORT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0568021\Civil Part A\Shoote\CRO	DESIGNED - CBP	REVISED -	MCHENRY			120	80	
PLOT SCALE = 20.0000 / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-0112-88 ILLINOIS IDA NO. 30K-9671					
PLOT DATE = 02/26/2008, 03:20 PM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN STA. 55+00.00 TO STA. 56+50.00					



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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



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SURVEYED	
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TEMPLATE	
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NOTE BOOK	
NO.	

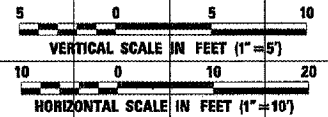
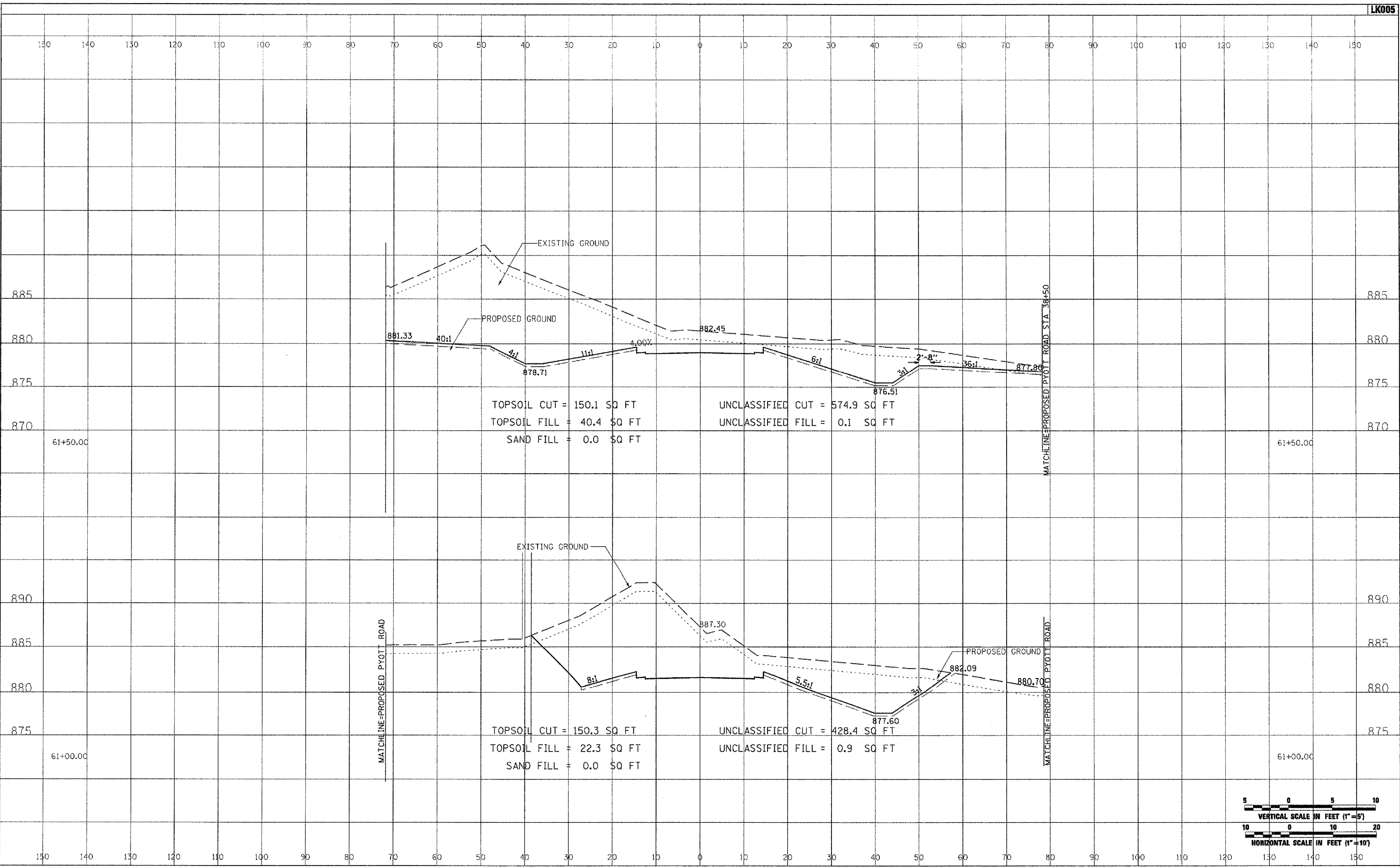


FILE NAME =	USER NAME = McLeu01056	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED AIRPORT ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\00841\0509021\Civil Part A\Sheets\CROSSSECTIONS_AirportRd.sht		DRAWN - CBP	REVISED -		MCHENRY	120	81		
PLOT SCALE = 20.0000" / IN.		CHECKED - BLB	REVISED -						
PLOT DATE = 02/28/2008, 09:49 AM		DATE - 02/29/08	REVISED -		FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CK-9671		
				SCALE: AS SHOWN	STA. 57+00.00	TO STA. 57+00.00			

DATE	
BY	
FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
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DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

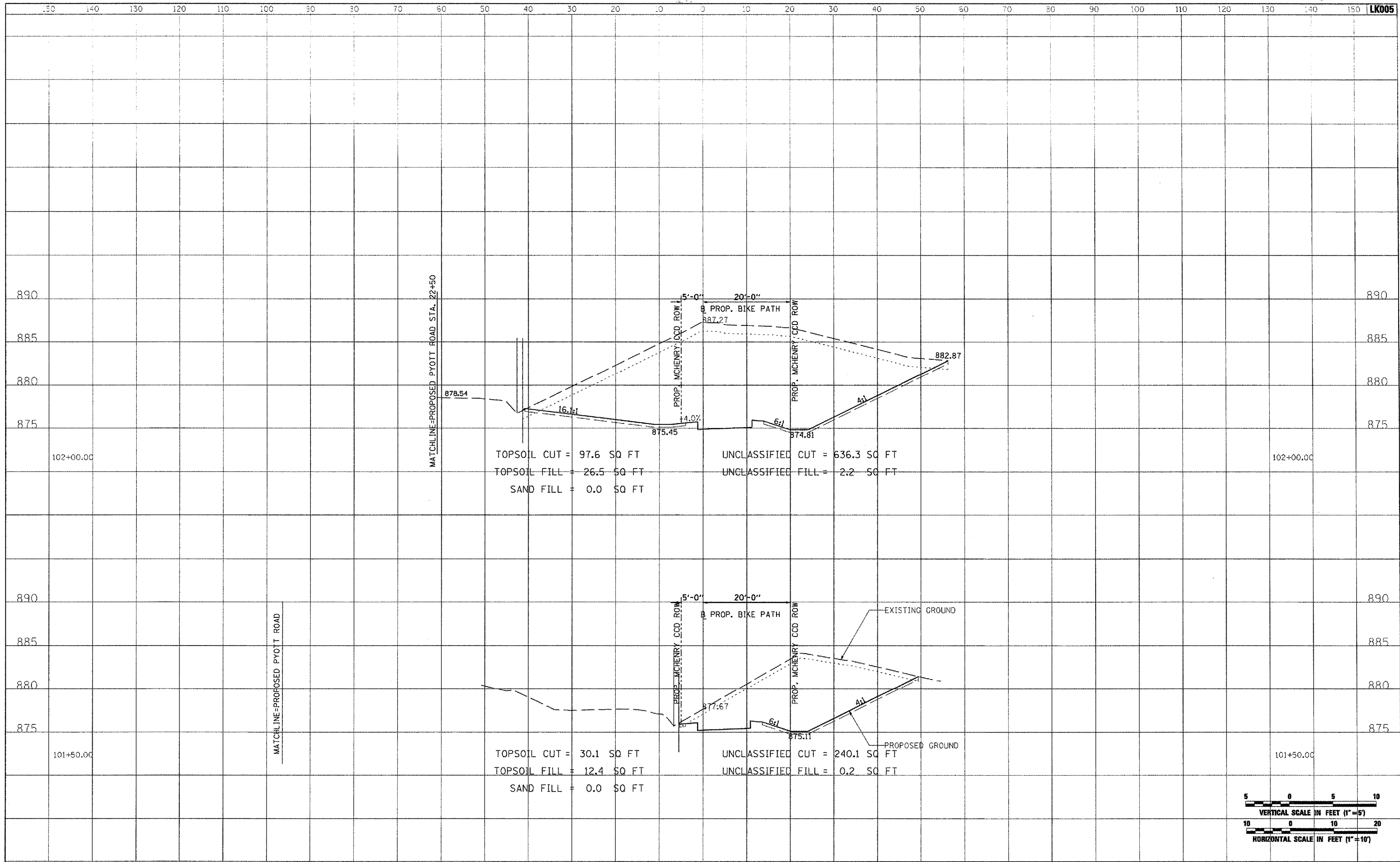


FILE NAME = I:\05\Jobs\00041\0500021\Civil Part A\Sheets\CRS\SECTIONS_Ath.sht	USER NAME = McLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED ATHANS ROAD</b>		COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / IN.	DRAWN - CBP	CHECKED - BLB	REVISED -		MCHENRY	120	82		
PLOT DATE = 02/28/2008, 07:44 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN		STA. 61+00.00 TO STA. 61+50.00	FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CX-8671	

DATE	
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FINAL SURVEY	
NOTE BOOK NO.	
PLANNING AREA CHECKED	



DATE	
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ORIGINAL SURVEY	
NOTE BOOK NO.	
PLANNING AREA CHECKED	

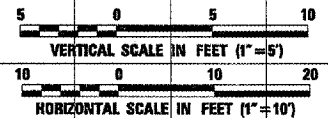


TOPSOIL CUT = 97.6 SQ FT  
 TOPSOIL FILL = 26.5 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 636.3 SQ FT  
 UNCLASSIFIED FILL = 2.2 SQ FT

TOPSOIL CUT = 30.1 SQ FT  
 TOPSOIL FILL = 12.4 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 240.1 SQ FT  
 UNCLASSIFIED FILL = 0.2 SQ FT



FILE NAME =	USER NAME = McLea01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED BIKE PATH</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\08041\0806021\Civil Part A\Sheets\CROSSSECTIONS.Bike.shx	DESIGNED - CBP	REVISED -	MCHENRY			120	83	
PLOT SCALE = 20,0000 ' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP. NO. 3-17-0112-B8			ILLINOIS	IDA NO. 32X-9671	
PLOT DATE = 02/28/2008, 09:42 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			STA. 101+50.00 TO STA. 102+00.00		

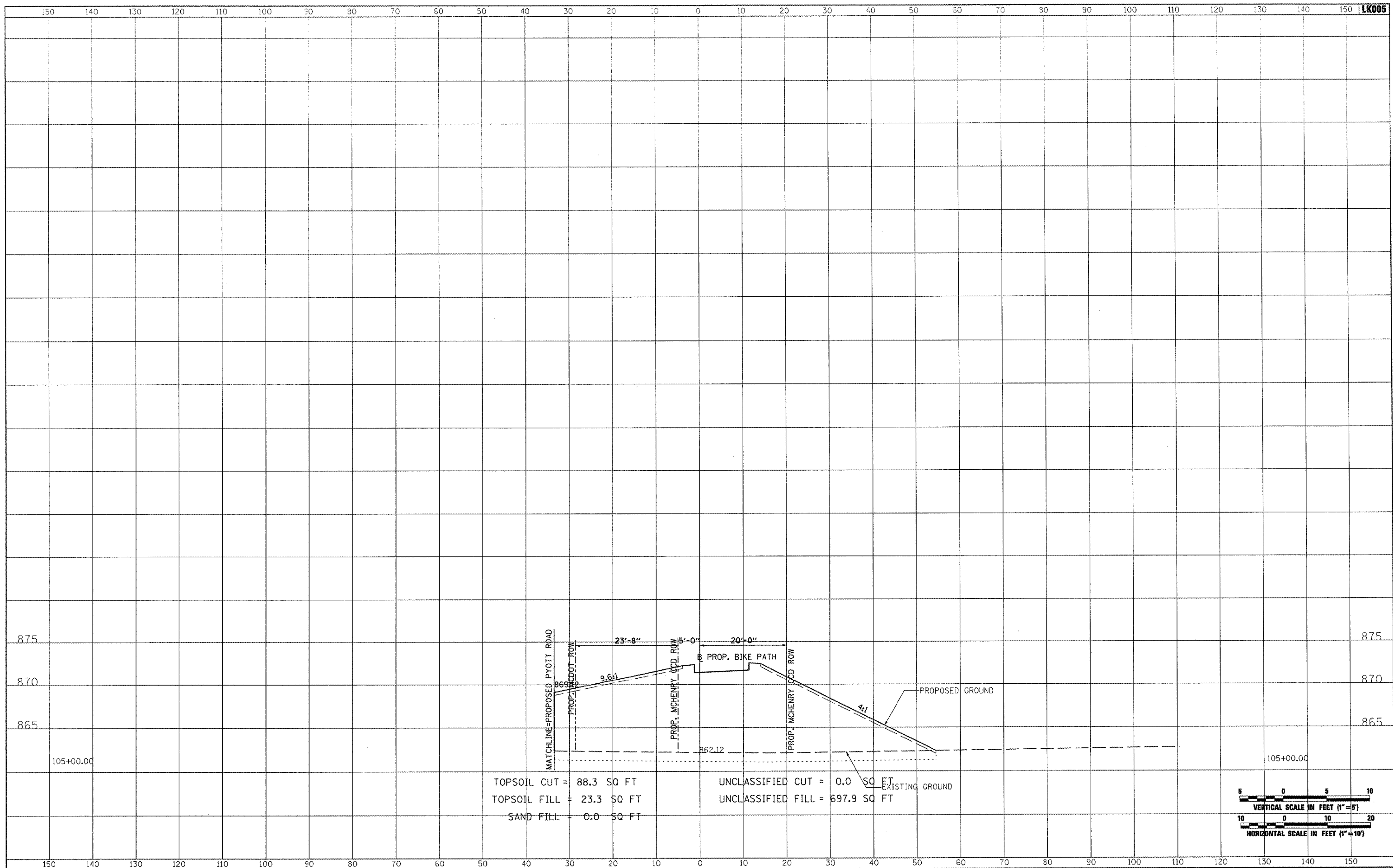




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FINAL SURVEY	
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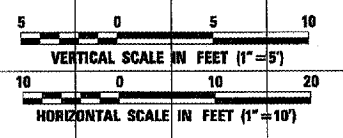


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ORIGINAL SURVEY	
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TEMPLATE	
AREAS	
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TOPSOIL CUT = 88.3 SQ FT  
 TOPSOIL FILL = 23.3 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 0.0 SQ FT  
 UNCLASSIFIED FILL = 697.9 SQ FT

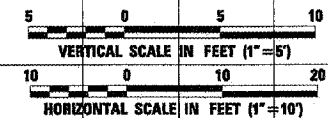
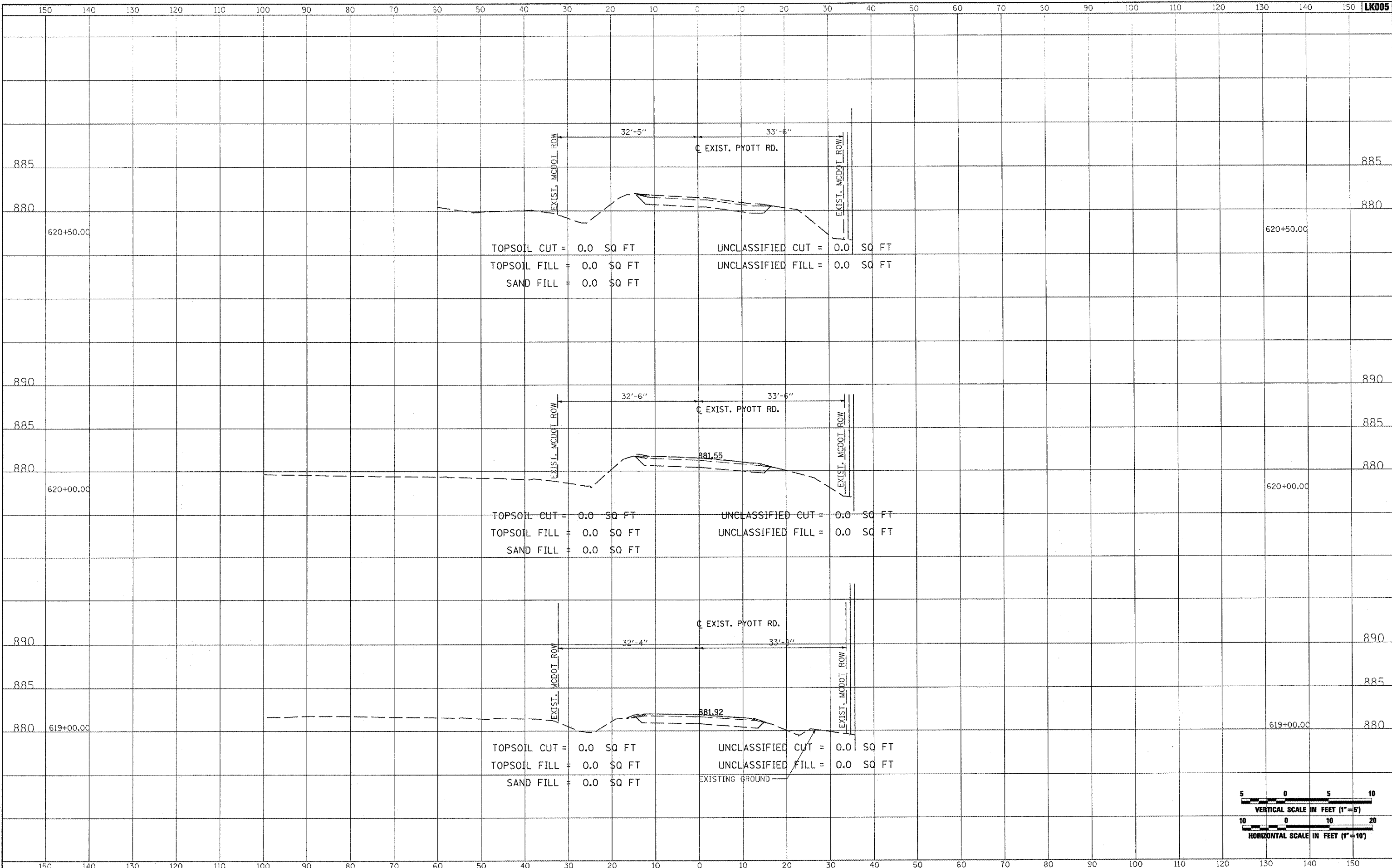


FILE NAME =	USER NAME = McLeau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS PROPOSED BIKE PATH</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\0588021\Civil Part A\Sheets\CROSSSECTIONS_Bike.sht	DRAWN - CBP	REVISED -	MCHENRY			120	86	
PLOT SCALE = 20.0000 / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-0112-B8 ILLINOIS IDA NO. 30X-9671					
PLOT DATE = 02/28/2008, 09:43 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN STA. 105+00.00 TO STA. 105+00.00					

DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS CHECKED	
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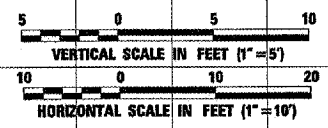
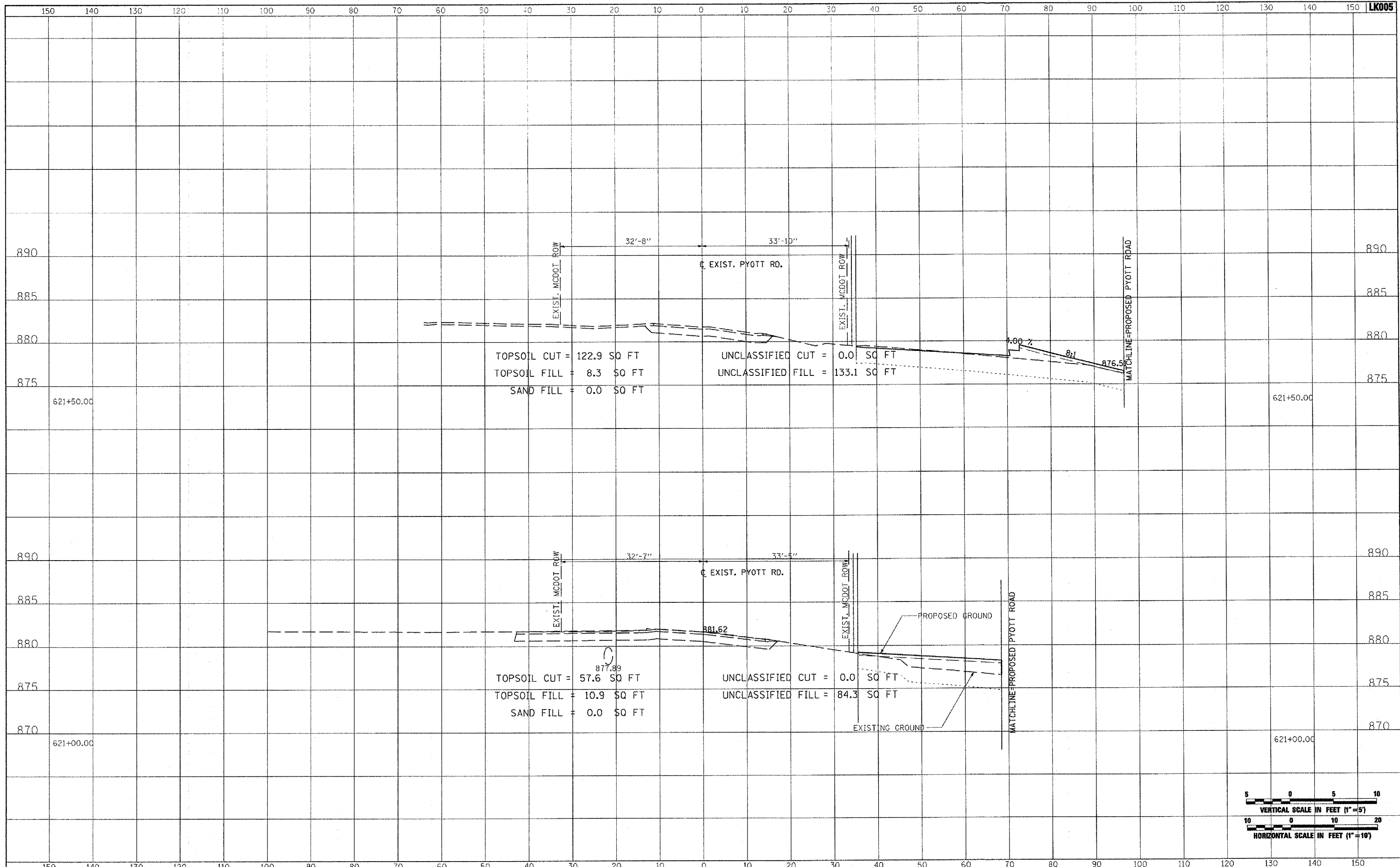
DATE	
BY	
SURVEYED	
TEMPLATE	
AREAS CHECKED	
NO.	



FILE NAME =	USER NAME = McLe01958	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
I:\05\Jobs\00841\0588021\Civil Part A\Sheets\CROSS SECTIONS_CurPjt.sht		DRAWN - CBP	REVISED -		MCHENRY	120	87			
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -		SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 619+00.00 TO STA. 620+50.00					
PLOT DATE = 02/28/2009, 09:31 AM		DATE - 02/29/08	REVISED -		FEDERAL AIP, NO. 3-17-0112-08 ILLINOIS IDA NO. 3CK-9671					

DATE	
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NOTE BOOK	
AREAS CHECKED	

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NOTE BOOK	
AREAS CHECKED	



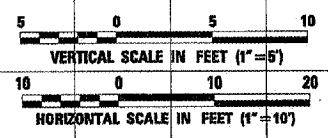
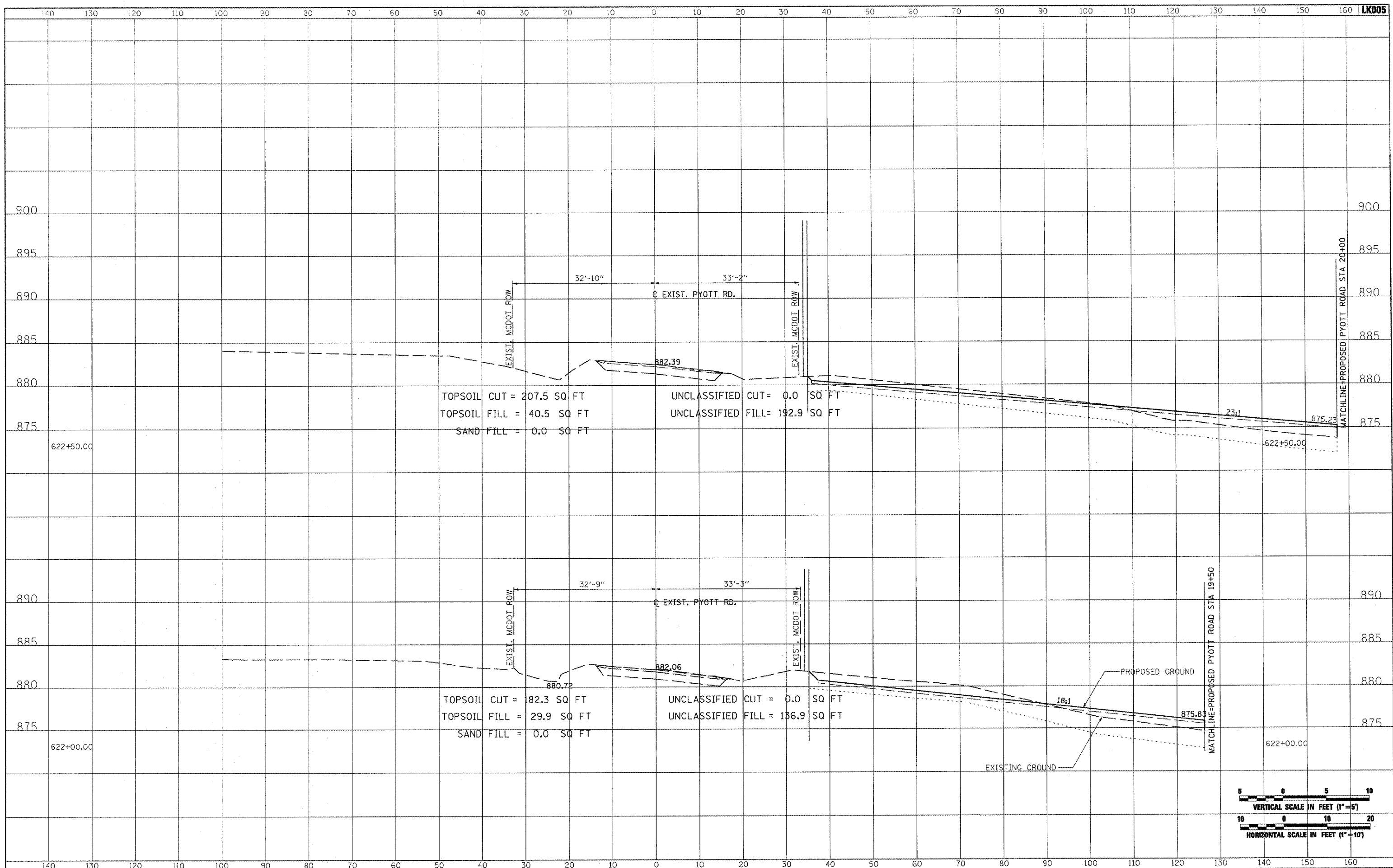
FILE NAME =	USER NAME = McLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\058021\Civil Part A\Sheets\CROSSSECTIONS_CurFyt.dwg		DRAWN - CBP	REVISED -		MCHENRY	120	88			
PLOT SCALE = 20.0000 / IN.		CHECKED - BLB	REVISED -		SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 621+00.00 TO STA. 621+50.00					
PLOT DATE = 02/28/2008, 09:32 AM		DATE - 02/29/08	REVISED -		FEDERAL   AIP, NO. 3-17-0112-B8 ILLINOIS   IDA NO. 3CR-9571					



DATE	
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PLOTTED	
NOTE BOOK	
AREAS CHECKED	



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BY	
ORIGINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

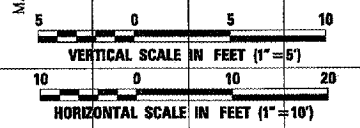
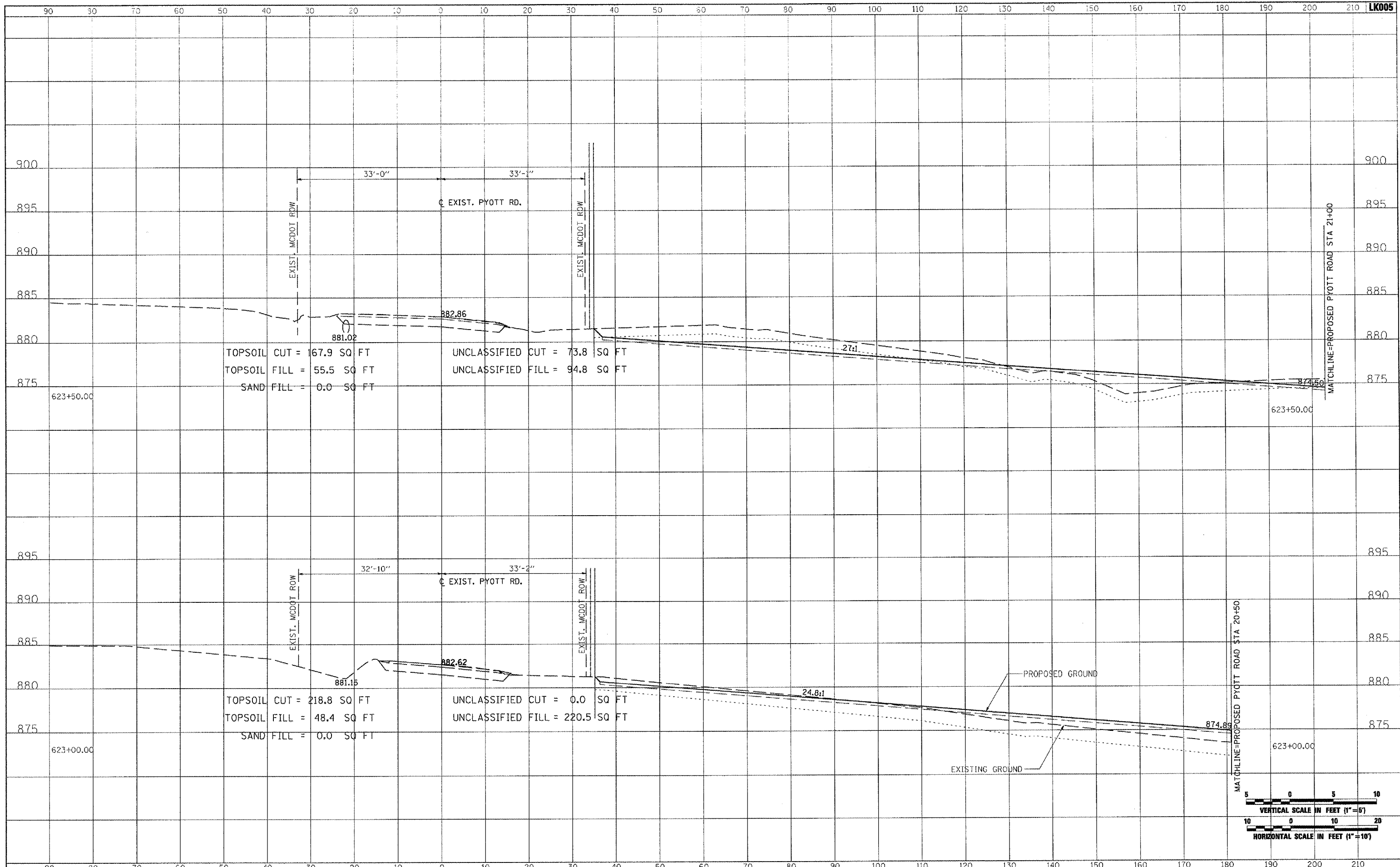


FILE NAME =	USER NAME = MoLou01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.	
1:\05\Jobs\00041\050002\1\civ\1 Part A\Sheets\CROSSSECTIONS_Cur\Pyott		DRAWN - CBP	REVISED -		MCHENRY	120	89				
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 622+00.00 TO STA. 622+50.00	FEDERAL AIP. NO. 3-17-0112-88	ILLINOIS	IDA NO. 30X-9571
PLOT DATE = 02/28/2009, 09:32 AM		DATE - 02/29/08	REVISED -								

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED

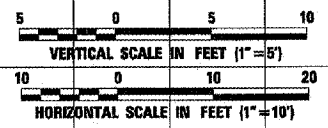
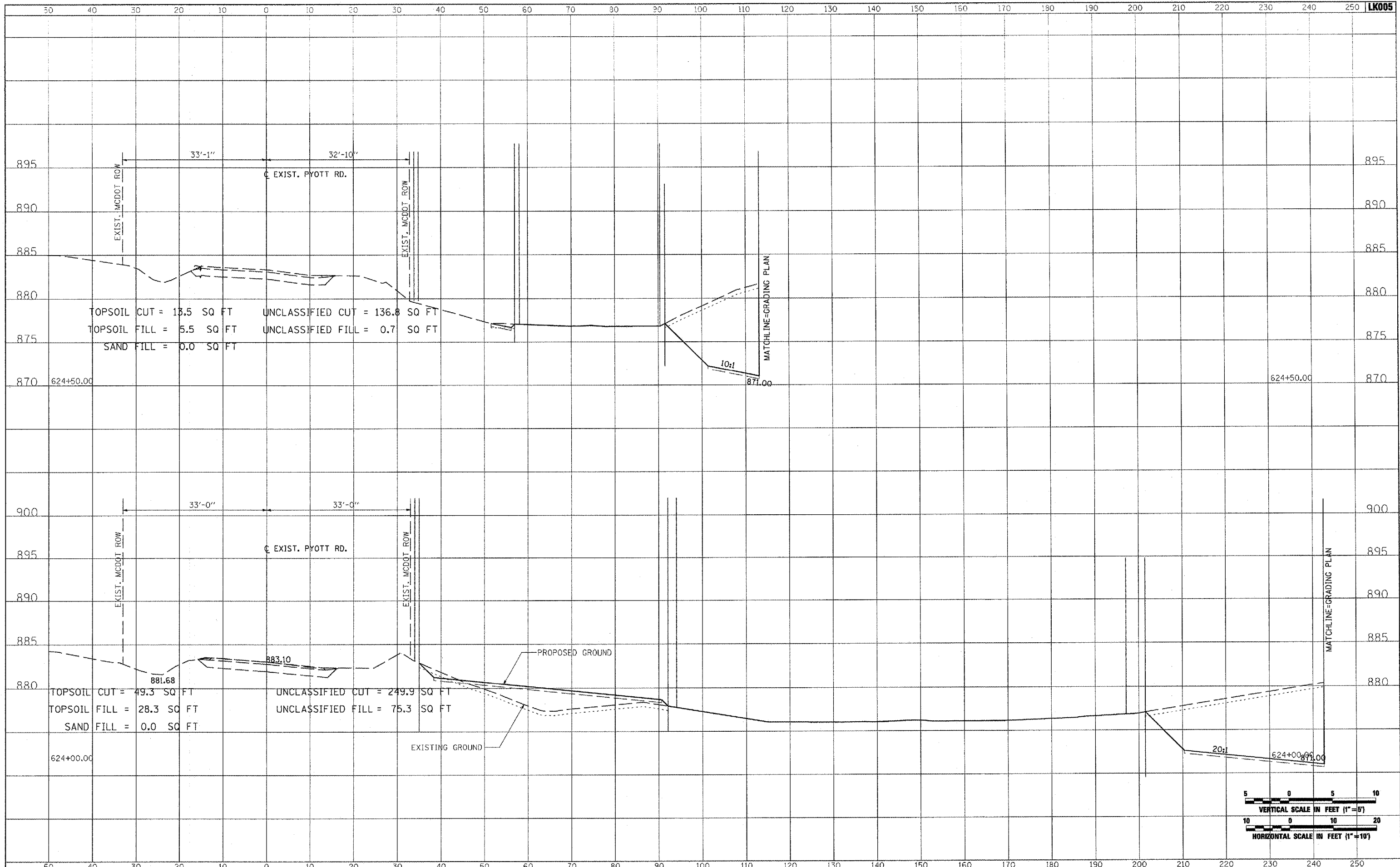


FILE NAME =	USER NAME = McLou01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0560021\Civil Part A\Sheets\CROSSSECTIONS_CurPytt.sh		DRAWN - CBP	REVISED -		MCHENRY	120	90			
PLOT SCALE = 20.0000 ' / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP, No. 3-17-0112-88	ILLINOIS	IDA No. 3CK-9671			
PLOT DATE = 02/28/2008, 09:32 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 623+00.00 TO STA. 623+50.00		

DATE	
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NOTE BOOK	
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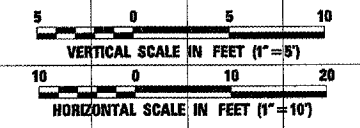
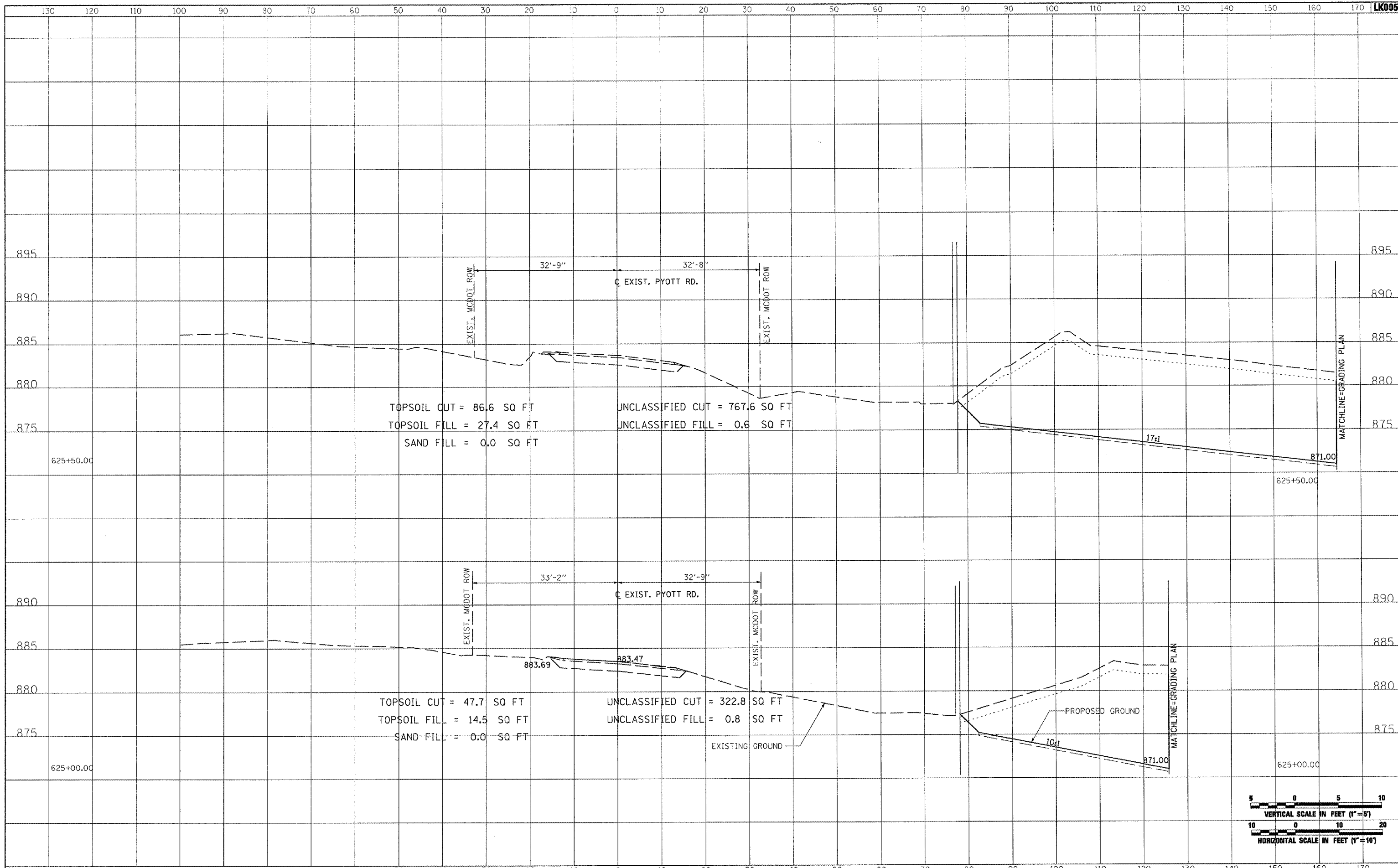


FILE NAME =	USER NAME = McLou21058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.		
I:\05\Jobs\00841\0586021\Civil Part A\Sheets\CROSSSECTIONS_Cur\Pgt.sht		DRAWN - CBP	REVISED -		MCHENRY	120	91					
PLOT SCALE = 28.0000 "/ IN.		CHECKED - BLB	REVISED -									
PLOT DATE = 02/29/2008, 09:32 AM		DATE - 02/29/08	REVISED -									
				SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	STA. 624+00.00	TO STA. 624+50.00	FEDERAL AIP, NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CK-9671

DATE	
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FINAL SURVEY	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	



DATE	
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ORIGINAL SURVEY	
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NOTE BOOK	
AREAS CHECKED	

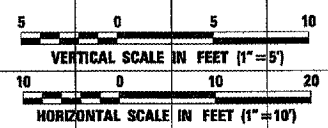
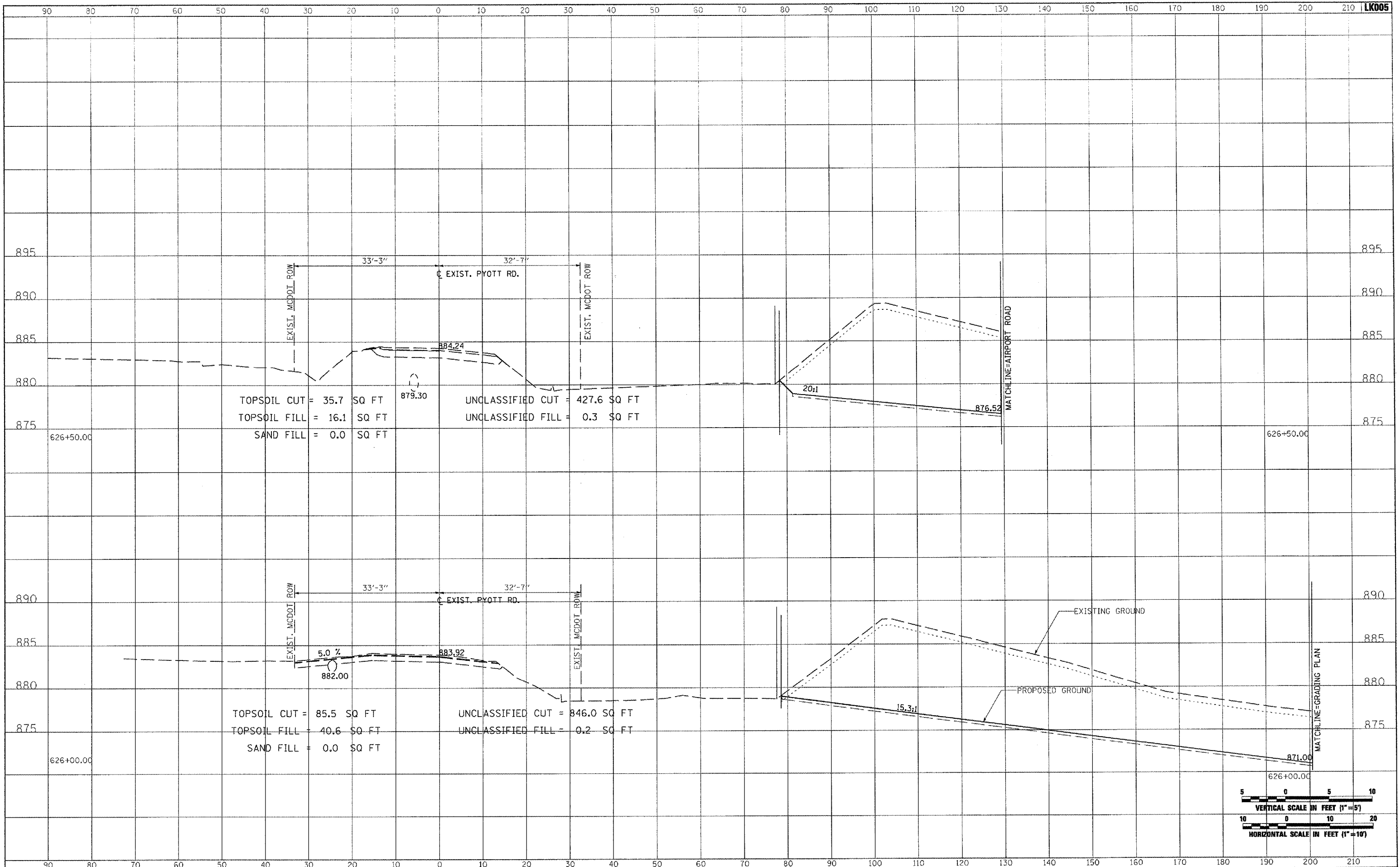


FILE NAME =	USER NAME = McLau0105B	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0688021\Civil Part A\Sheets\CROSSSECTIONS_Cur-Pyott.dwg		DRAWN - CBP	REVISED -		MCHENRY	120	92			
PLOT SCALE = 20.0000 / IN		CHECKED - BLB	REVISED -		SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 625+00.00 TO STA. 625+50.00			FEDERAL AIP, NO. 3-17-0112-B8	ILLINOIS	IQA NO. 3CX-9671
PLOT DATE = 02/28/2008, 09:33 AM		DATE - 02/29/08	REVISED -							

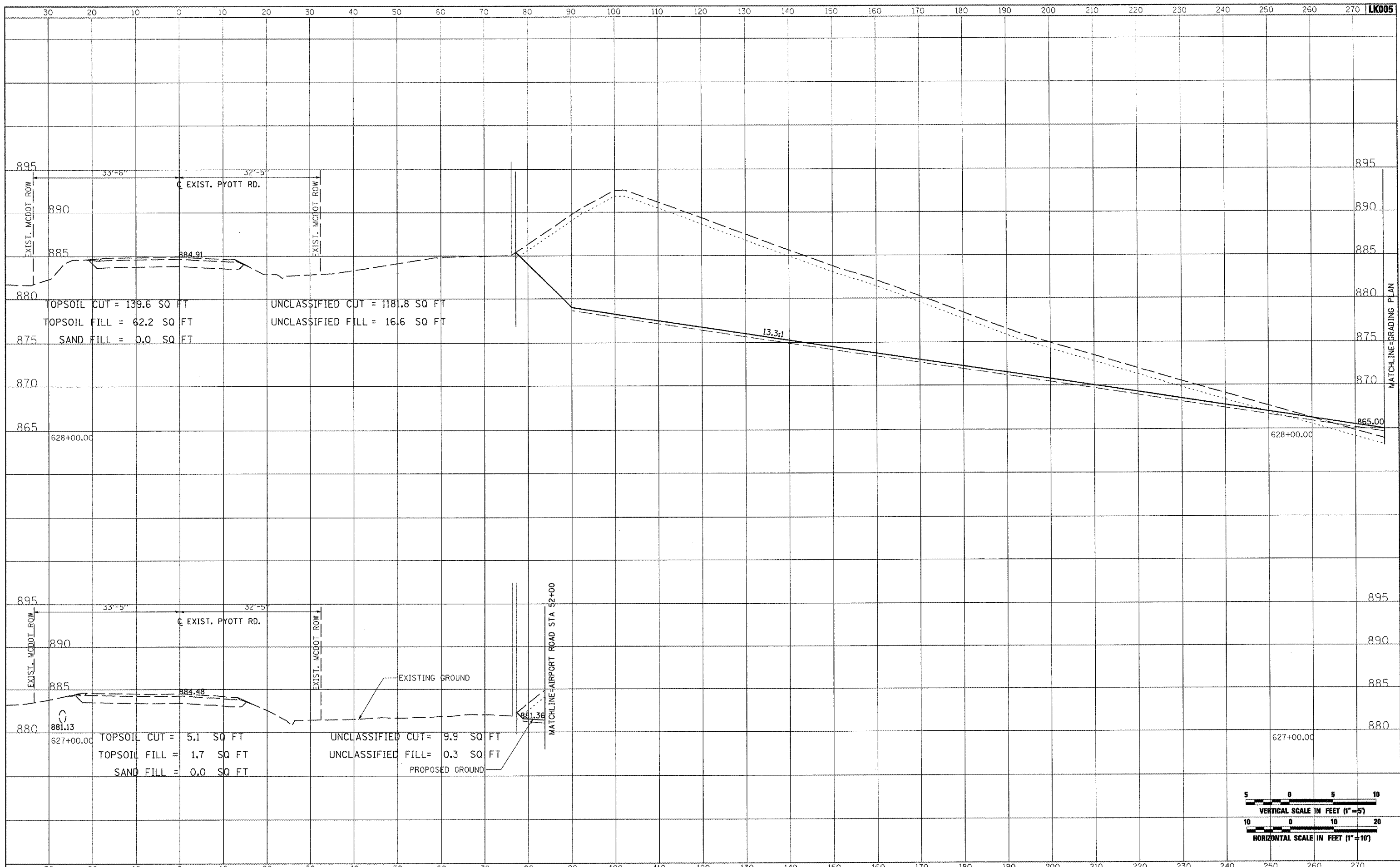
DATE	
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PLATTED	
TEMPLATE	
NOTE BOOK	
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NOTE BOOK	
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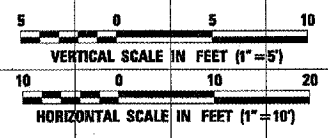
FILE NAME = I:\05Jobs\00841\0588021\Civil Part A\Sheets\CROSSSECTIONS_CurPyott	USER NAME = Molau0058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CBP	REVISED -		MCHENRY	120	93			
		CHECKED - BLB	REVISED -							
		DATE - 02/29/08	REVISED -							
PLOT SCALE = 20.0000' / IN.				SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 626+00.00 TO STA. 626+50.00	FEDERAL AIP, NO. 3-17-0112-08	ILLINOIS	IDA NO. 3CK-9671



DATE	
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ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



DATE	
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ORIGINAL SURVEY	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	



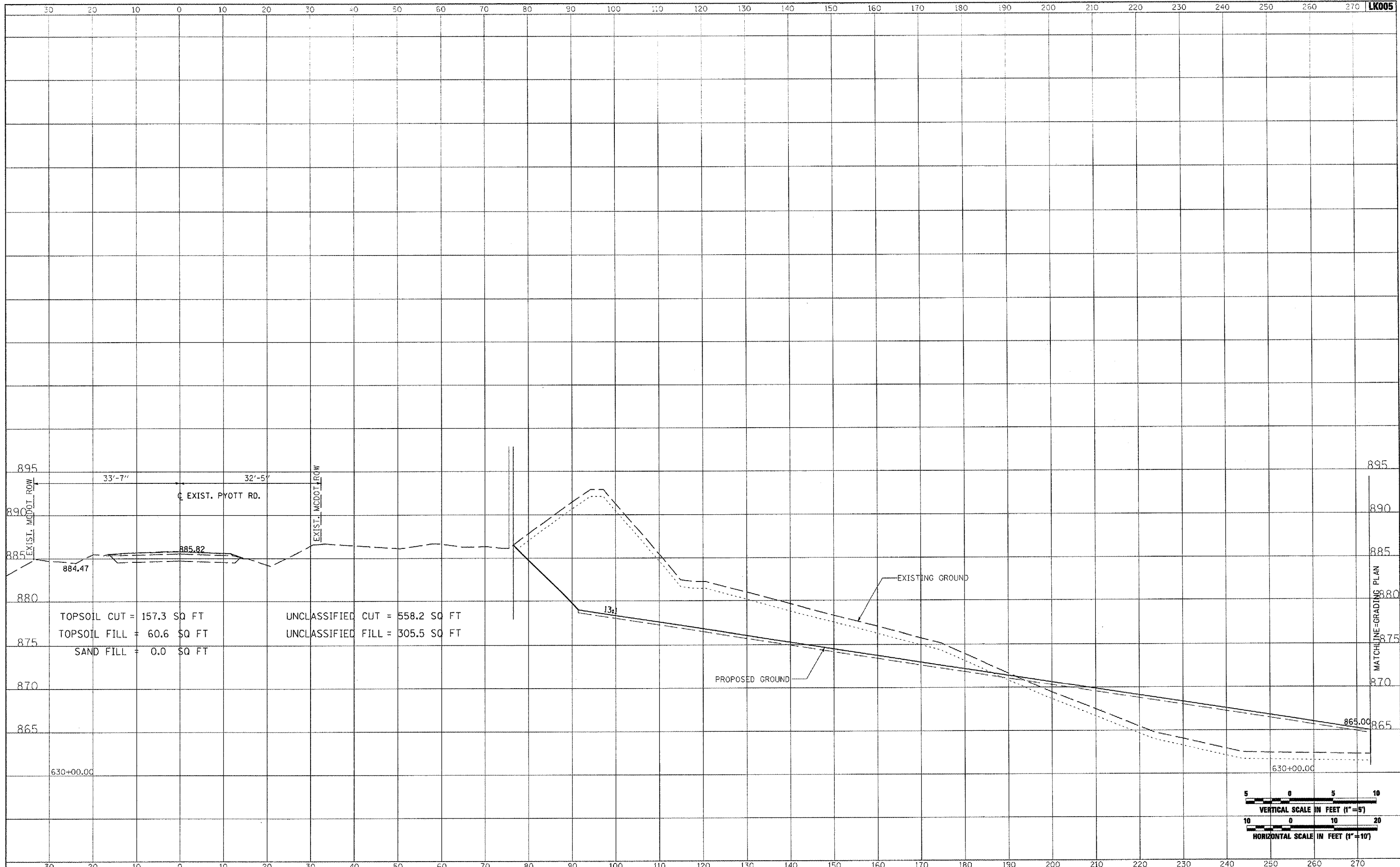
FILE NAME =	USER NAME = MoLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
1:\05\Jobs\00941\050802\1\Civ\1 Part A\Sheets\CROSSSECTIONS_CurPyott.txd		DRAWN - CBP	REVISED -		MCHENRY	120	94			
PLOT SCALE = 20.0000 / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP. NO. 3-17-012-B8 ILLINOIS IDA NO. 3CK-9671					
PLOT DATE = 02/28/2008, 09:33 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 627+00.00 TO STA. 628+00.00		



DATE	
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PLOTTED	
TEMPLATE	
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DATE	
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SURVEYED	
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TEMPLATE	
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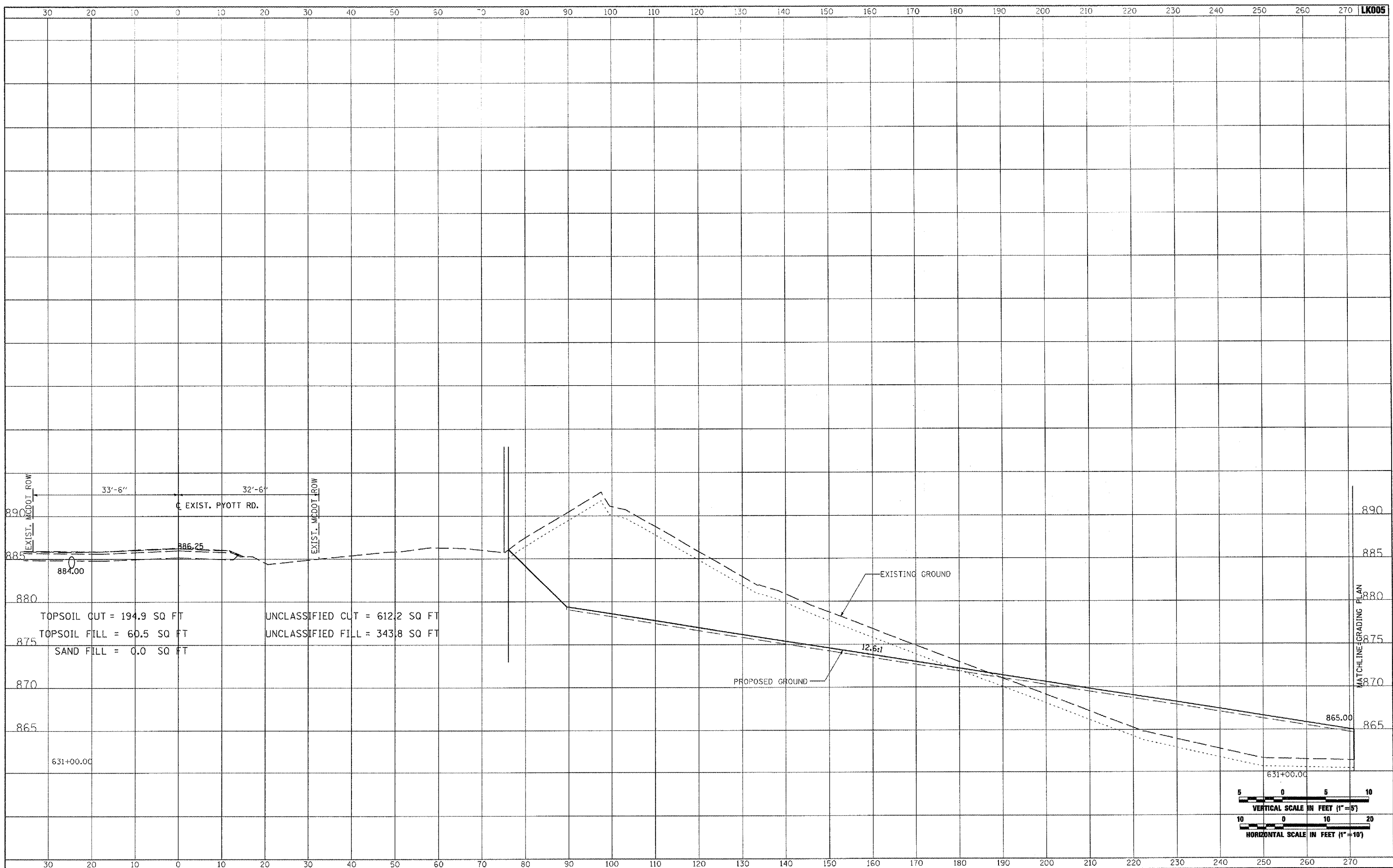
FILE NAME =	USER NAME = McLeu01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00841\0508021\Civil Part A\Sheets\CROSSSECTIONS_CurPytt.sht		DRAWN - CBP	REVISED -		MCHENRY	120	96			
PLOT SCALE = 20.0000" / IN.		CHECKED - BLB	REVISED -		FEDERAL AIP, NO. 3-17-0112-88 ILLINOIS LDA NO. 3CX-9571					
PLOT DATE = 02/28/2008, 09:34 AM		DATE - 02/29/08	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 630+00.00 TO STA. 630+00.00		



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TEMPLATE	
NOTE BOOK	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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FILE NAME = I:\05Jobs\00041\0500021\Civil Part A\Sheets\CRD\SSSECTIONS\_Cur.Pgt.eht

USER NAME = MoLau01058  
DESIGNED - CBP  
DRAWN - CBP  
CHECKED - BLB  
DATE - 02/29/08

REVISED -  
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REVISED -

**VILLAGE OF  
LAKE IN THE HILLS, ILLINOIS**

**CROSS SECTIONS  
EXISTING PYOTT ROAD**

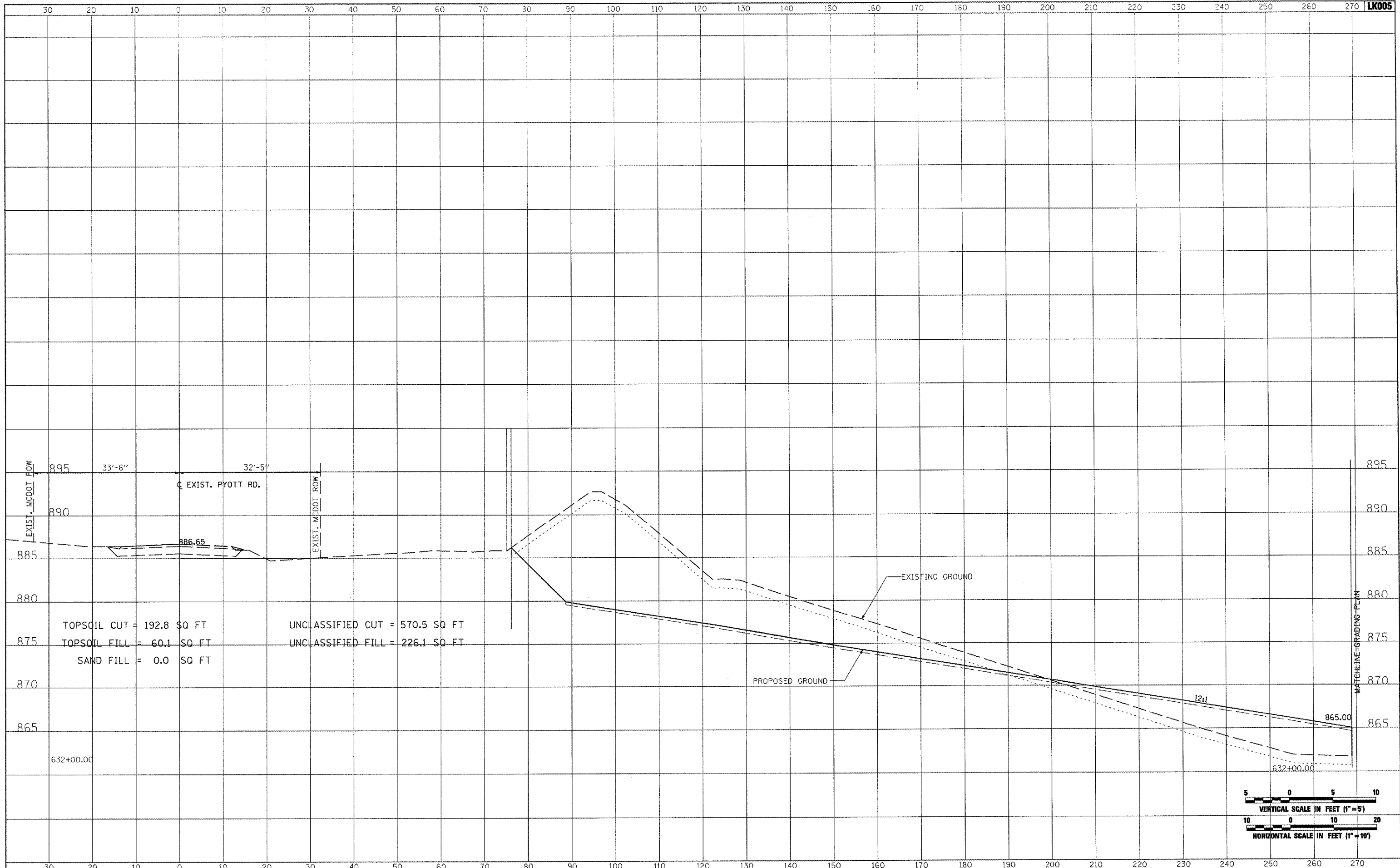
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. 631+00.00 TO STA. 631+00.00

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	97

FINN	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

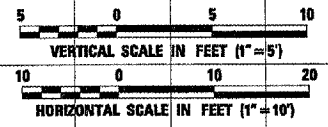


ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



TOPSOIL CUT = 192.8 SQ FT  
 TOPSOIL FILL = 60.1 SQ FT  
 SAND FILL = 0.0 SQ FT

UNCLASSIFIED CUT = 570.5 SQ FT  
 UNCLASSIFIED FILL = 226.1 SQ FT

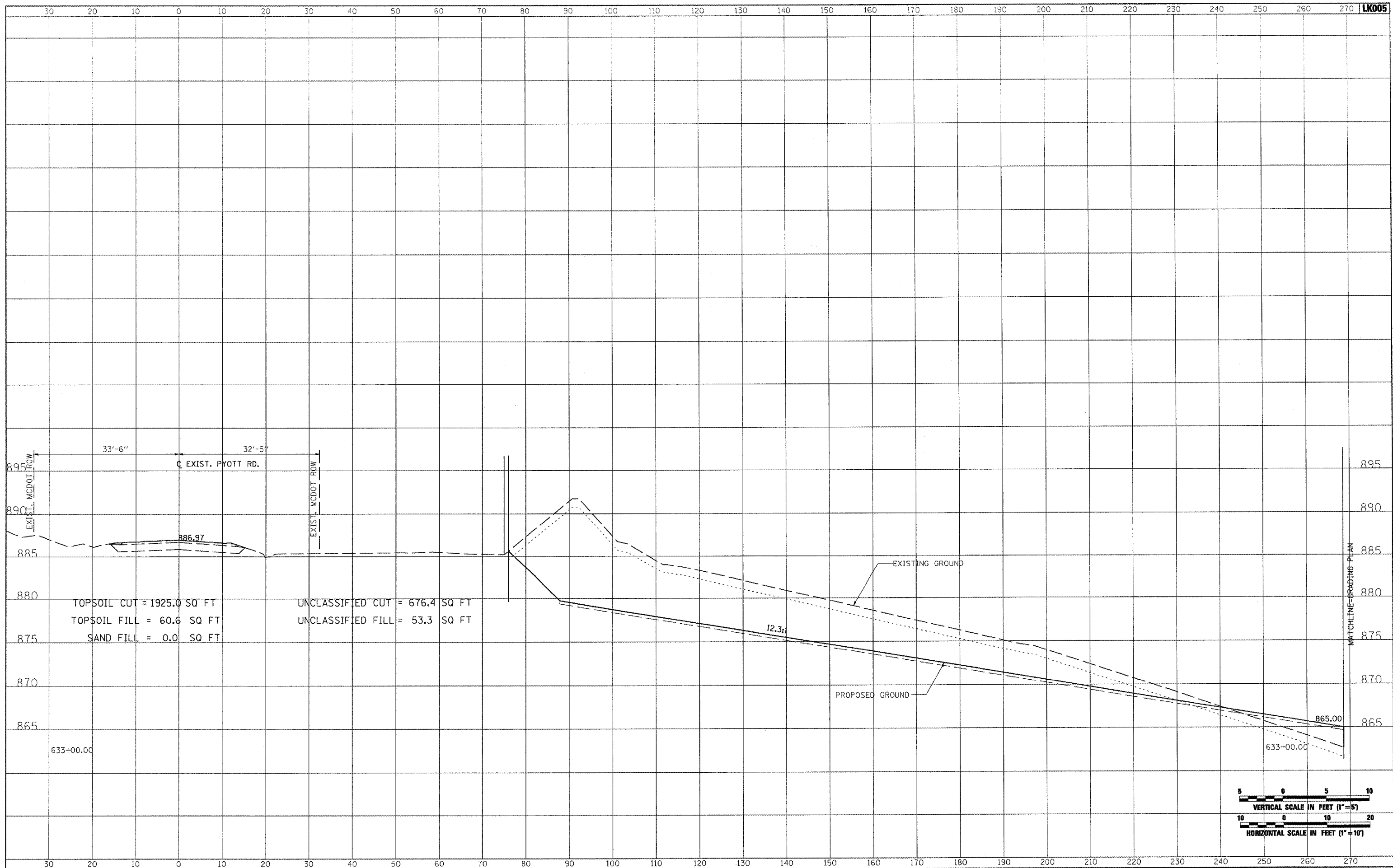


FILE NAME =	USER NAME = MoLm01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
H:\05Jobs\0841\058802\Civil Part A\Sheets\CROSSSECTIONS_CurPyott.dwg		DRAWN - CBP	REVISED -		MCHENRY	120	98			
PLOT SCALE = 20.0000 1 / IN.		CHECKED - BLB	REVISED -							
PLOT DATE = 02/28/2008, 09:36 AM		DATE - 02/29/08	REVISED -							
					SCALE: AS SHOWN	SHEET NO. OF	SHEETS	STA. 632+00.00 TO STA. 632+00.00	FEDERAL AIP, NO. 3-17-0112-88 ILLINOIS IDA NO. 3CA-9671	

DATE	
BY	
FINAL SURVEY	
NOTED	
PLOTTED	
TEMPLATE	
AREAS	
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DATE	
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ORIGINAL SURVEY	
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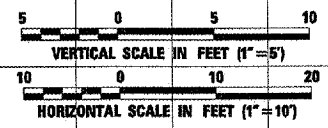
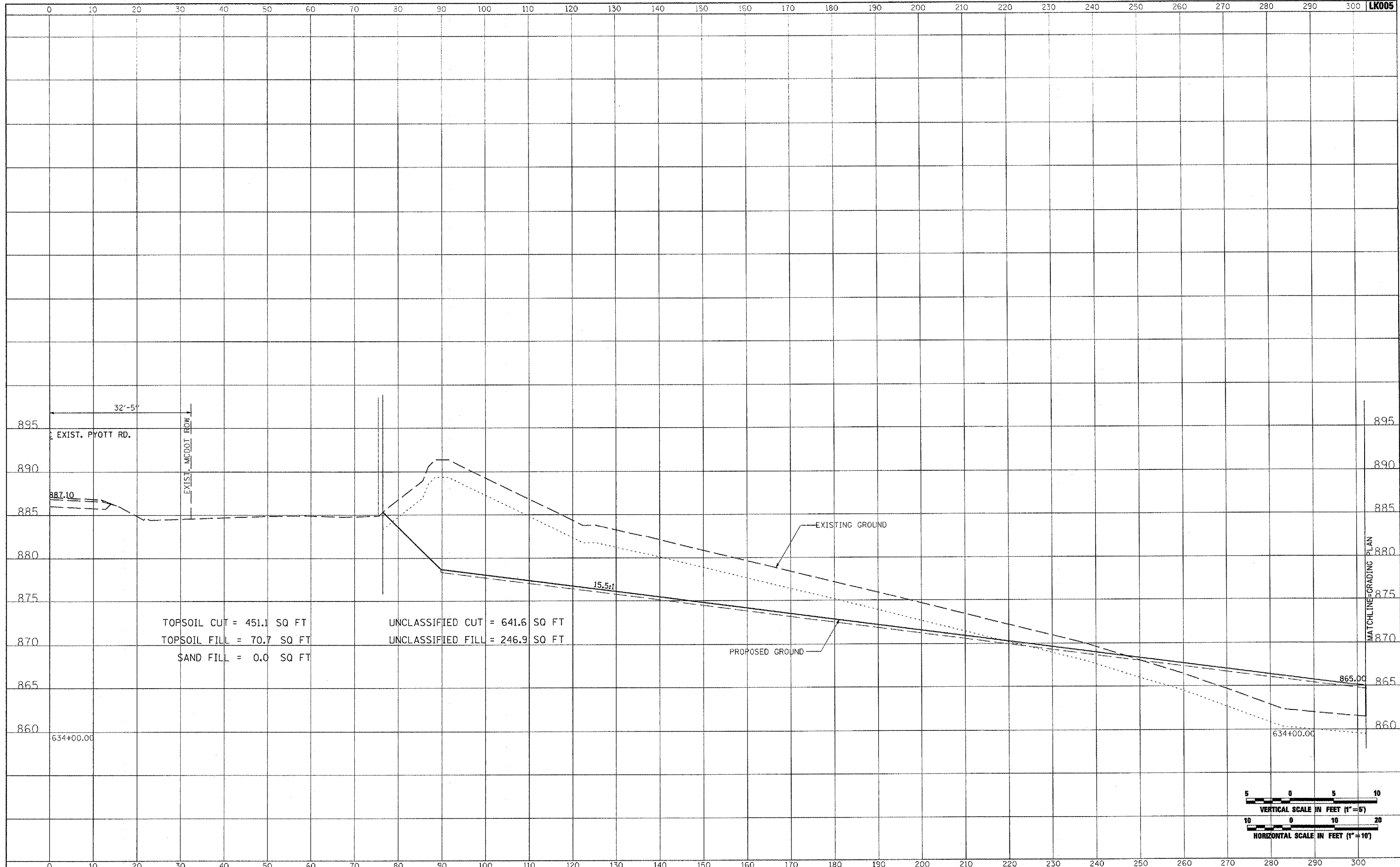


FILE NAME =	USER NAME = MoLou01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.	
I:\05Jobs\00941\0598021\Civil Part A\Sheets\CROSSSECTIONS_CurPytt.dwg		DRAWN - CBP	REVISED -		MCHENRY	120	99				
PLOT SCALE = 20.0000' / IN.		CHECKED - BLB	REVISED -								
PLOT DATE = 02/28/2008, 09:36 AM		DATE - 02/29/08	REVISED -								
SCALE: AS SHOWN					SHEET NO.	OF	SHEETS	STA. 633+00.00	TO STA. 633+00.00	FEDERAL AIP, NO. 3-17-0112-BB ILLINOIS	IDA NO. 30X-9671

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



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

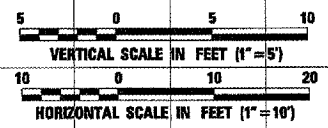
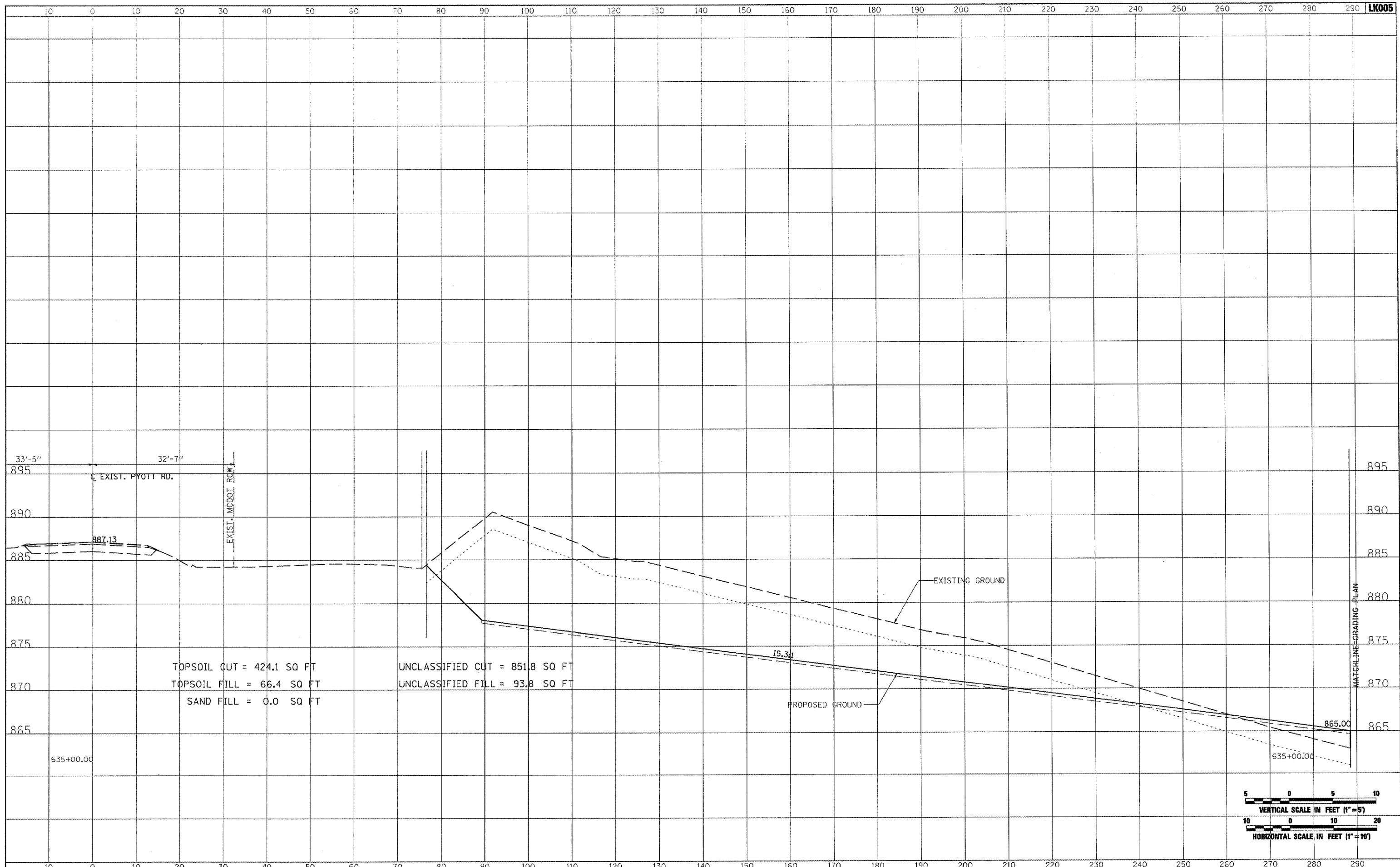


FILE NAME =	USER NAME = McLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = 02/28/2008, 09:36 AM		DATE - 02/29/08	REVISED -								
SCALE: AS SHOWN					SHEET NO.	OF	SHEETS	STA. 634+00.00	TO STA. 634+00.00	FEDERAL AIP NO. 3-17-0112-B8 ILLINOIS	IDA NO. 3CX-9671

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

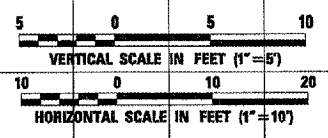
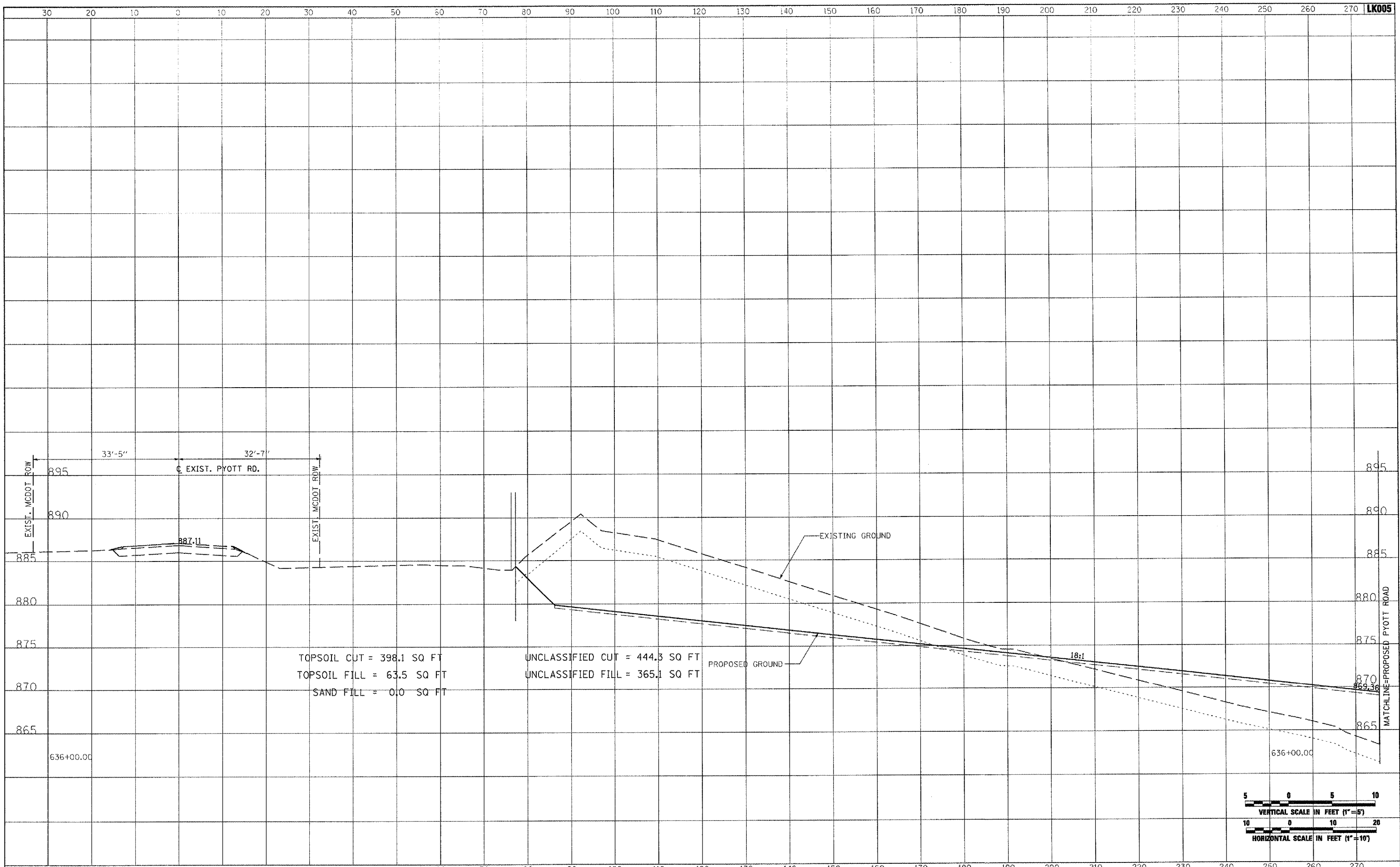


FILE NAME =	USER NAME = McLou01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
J:\05\Jobs\00841\0588021\Civil Part A\Sheets\CR05SECTIONS_CurPyt.tst	DRAWN - CBP	REVISED -	MCHENRY			120	101	
PLOT SCALE = 20.0000' / IN.	CHECKED - BLB	REVISED -	FEDERAL AIP, NO. 3-17-012-BB			ILLINOIS	IDA NO. 3CK-9671	
PLOT DATE = 02/29/2009, 09:37 AM	DATE - 02/29/08	REVISED -	SCALE: AS SHOWN			SHEET NO. OF SHEETS	STA. 635+00.00 TO STA. 635+00.00	

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	



ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
AREAS CHECKED	

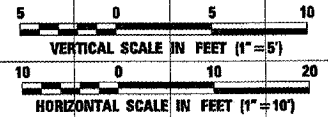
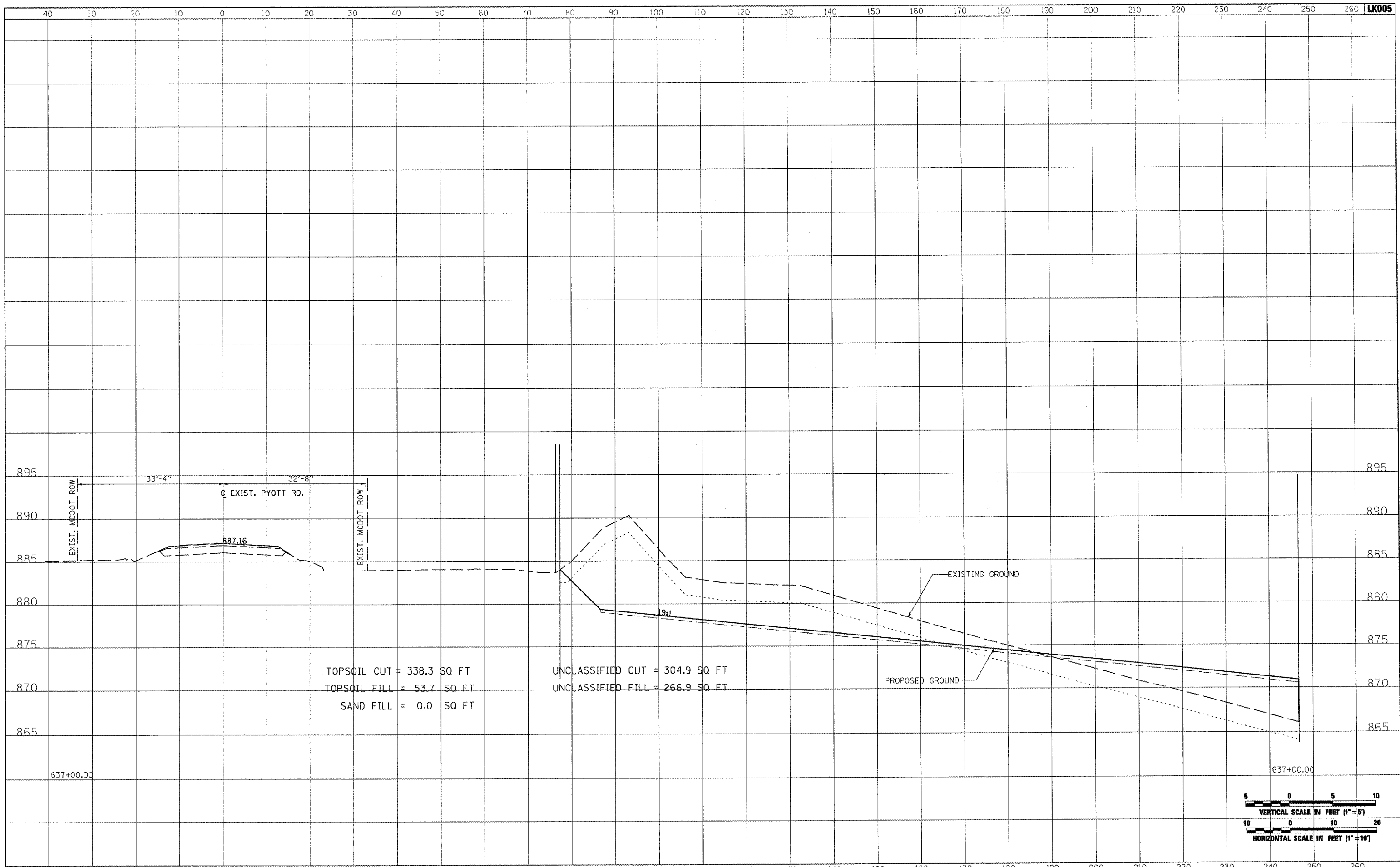


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	SSSECTIONS_Cur_Pyott.dwg	DRAWN - CBP	REVISED -		MCHENRY	120	102			
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				SCALE: AS SHOWN	SHEET NO.	OF SHEETS	STA. 636+00.00 TO STA. 636+00.00	FEDERAL AIP. NO. 3-17-0112-88 ILLINOIS IDA NO. 3CX-9671		

DATE	BY
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED



DATE	BY
ORIGINAL SURVEY	PLOTTED
NOTE BOOK	AREAS CHECKED



FILE NAME =	USER NAME = MoLau01058	DESIGNED - CBP	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>CROSS SECTIONS EXISTING PYOTT ROAD</b>			COUNTY	TOTAL SHEETS	SHEET NO.
T:\05\Jobs\00041\050802\Civil Part A\Sheets\CROSSSECTIONS_CurPyott.dwg		DRAWN - CBP	REVISED -		MCHENRY	120	103			
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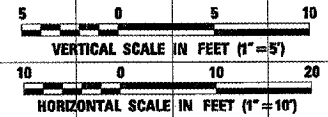
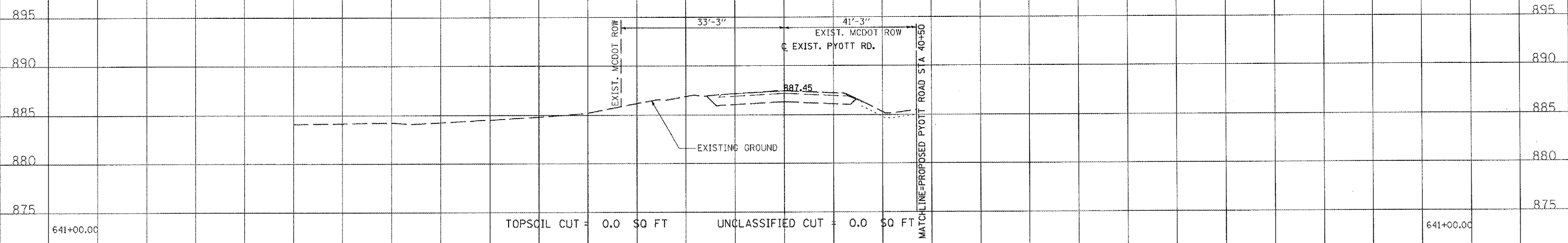


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BY	
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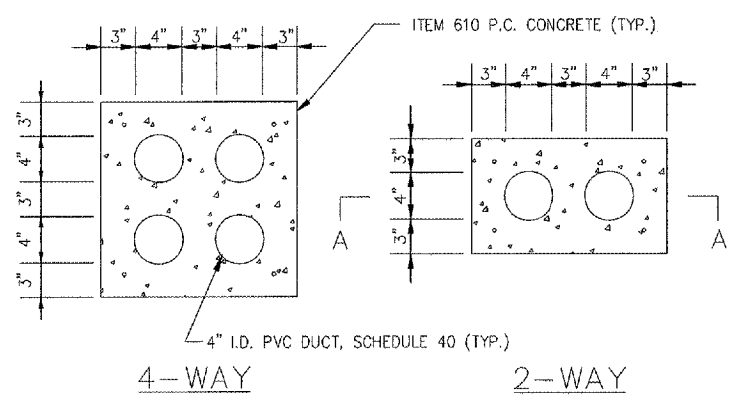
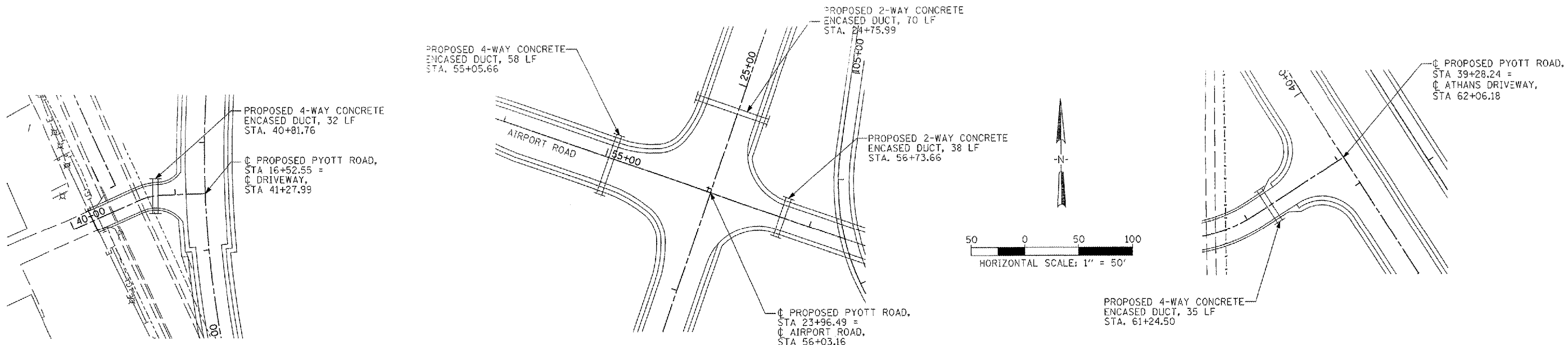


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ORIGINAL SURVEY NOTE BOOK NO.	
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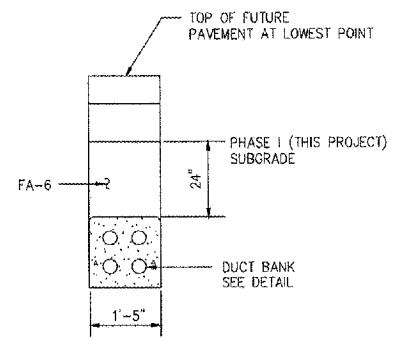
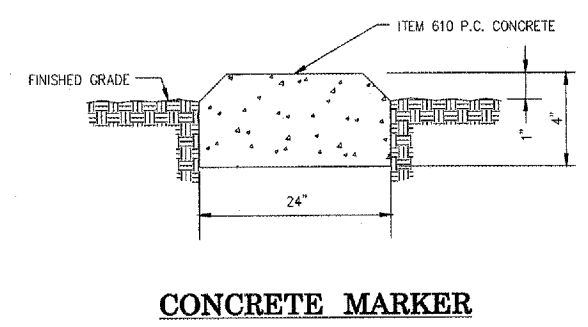
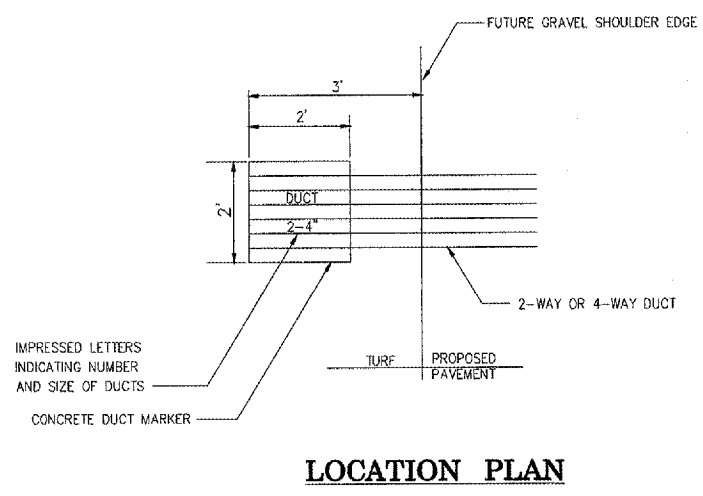
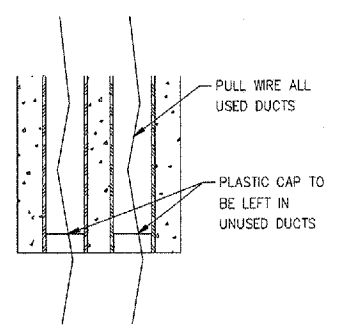
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		DRAWN - CBP	REVISED -		SCALE: AS SHOWN	SHEET NO.	OF	SHEETS	MCHENRY	120	106
		CHECKED - BLB	REVISED -		STA. 641+00.00	TO STA.	641+00.00	FEDERAL AIP. NO. 3-17-0112-B8	ILLINOIS	IDA NO. 3CK-9671	
		DATE - 02/29/08	REVISED -								

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**CONCRETE ENCASED DUCTS**

NOTE:  
 TOP OF CONCRETE FOR DUCT SHALL BE 24"  
 BELOW THE LOWEST POINT OF THE SUBGRADE



**ENCASED DUCT CROSSING UNDER FUTURE PAVEMENT OR GRAVEL SHOULDER**

FILE NAME =	USER NAME = MoLeu01058	DESIGNED - BLB	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>ELECTRICAL DUCT PLAN</b>	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 02/27/2008, 09:01 AM	DATE - 02/29/08	REVISED -						

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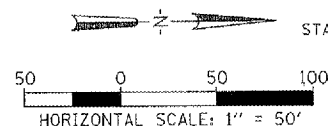
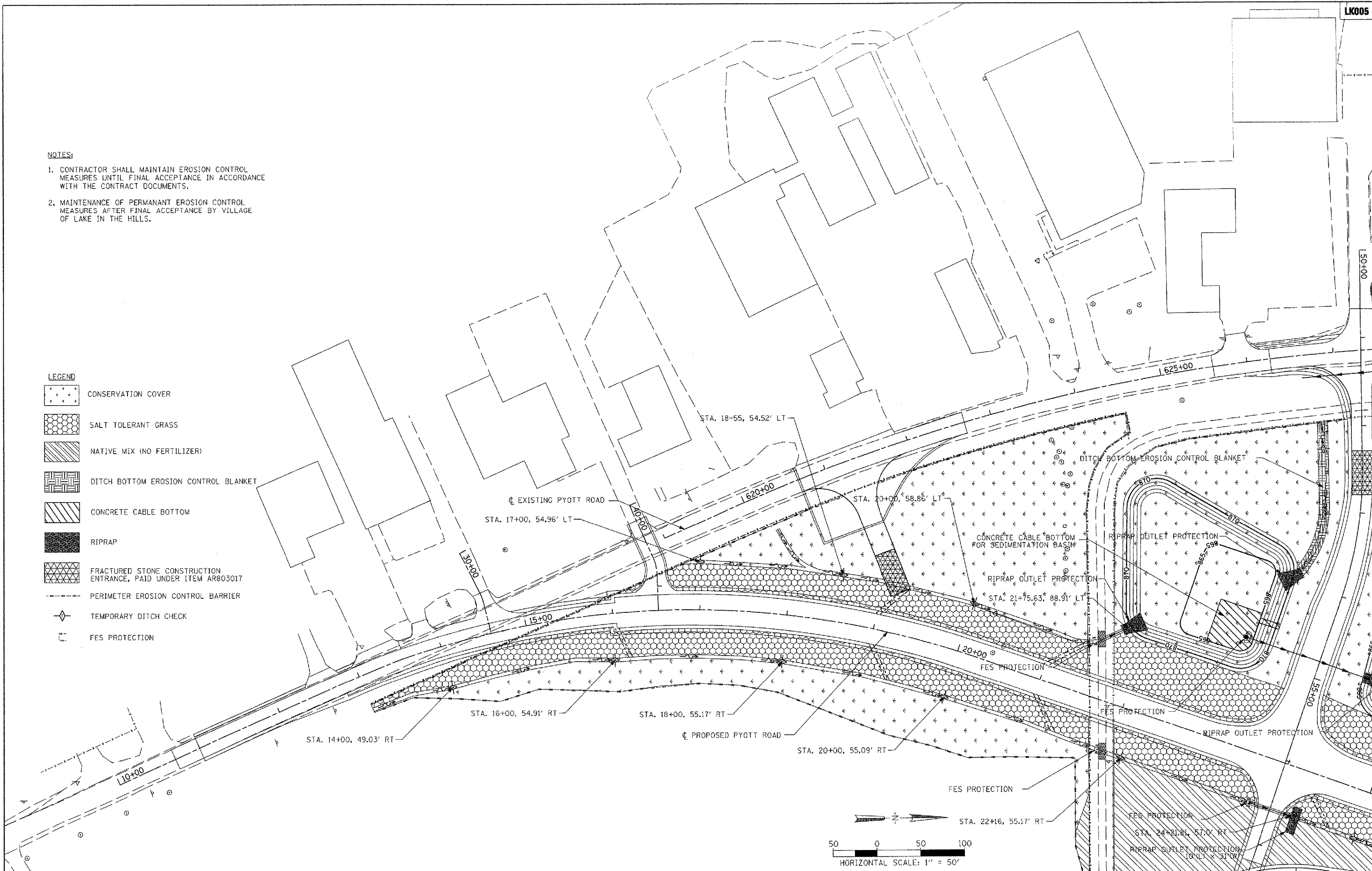
- 1. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 2. MAINTENANCE OF PERMANENT EROSION CONTROL MEASURES AFTER FINAL ACCEPTANCE BY VILLAGE OF LAKE IN THE HILLS.

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LEGEND

- CONSERVATION COVER
- SALT TOLERANT GRASS
- NATIVE MIX (NO FERTILIZER)
- DITCH BOTTOM EROSION CONTROL BLANKET
- CONCRETE CABLE BOTTOM
- RIPRAP
- FRACTURED STONE CONSTRUCTION ENTRANCE, PAID UNDER ITEM AR803017
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY DITCH CHECK
- FES PROTECTION

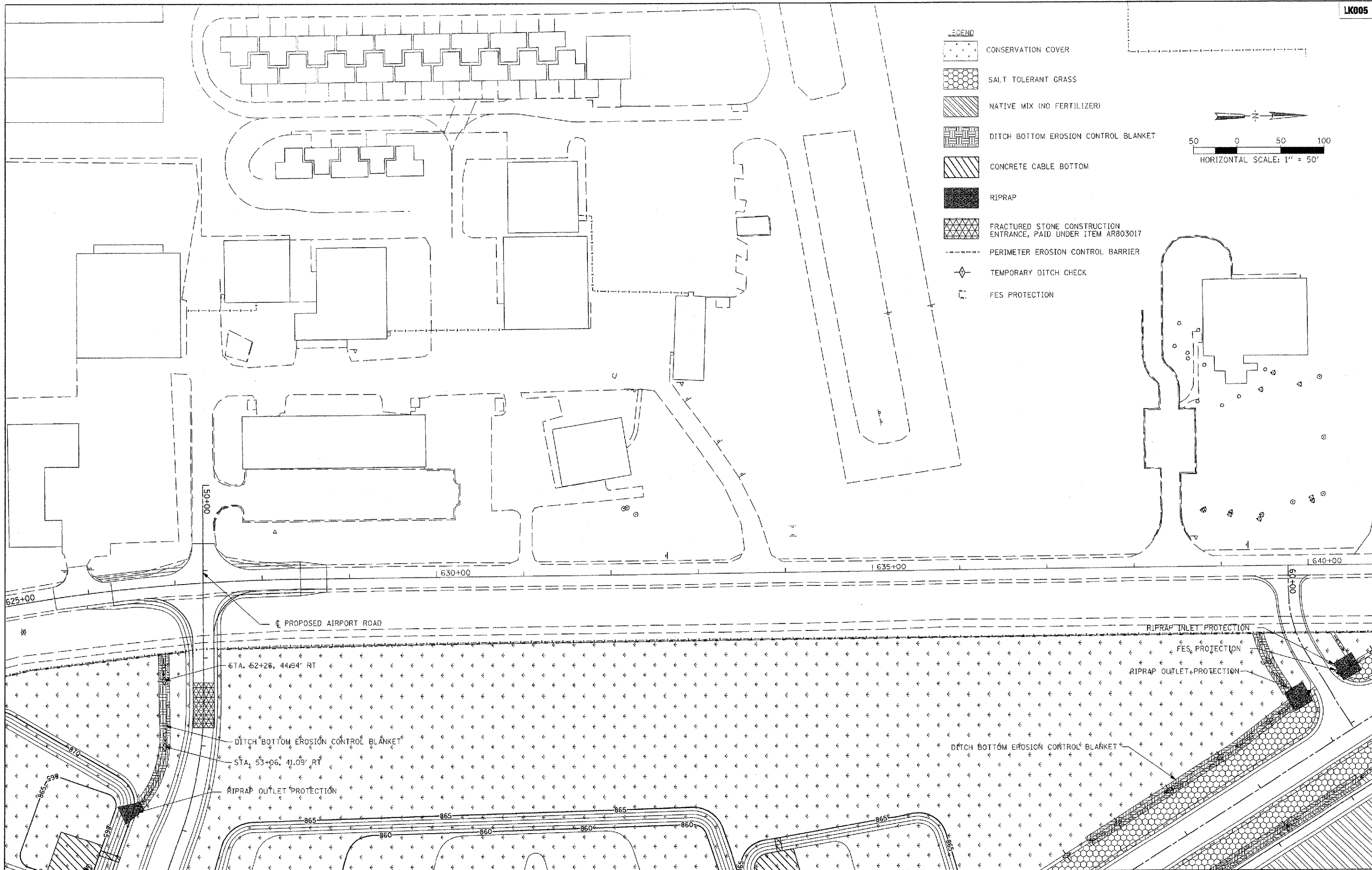
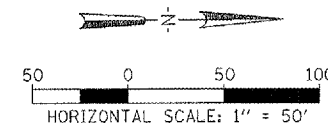


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PLOT SCALE = 1/8" = 1' / IN.	CHECKED - BLB	REVISED -	MCHENRY				120	108	
PLOT DATE = 02/28/2008, 08:49 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP NO. 3-17-0112-08 ILLINOIS IDA NO. 3CK-3671						

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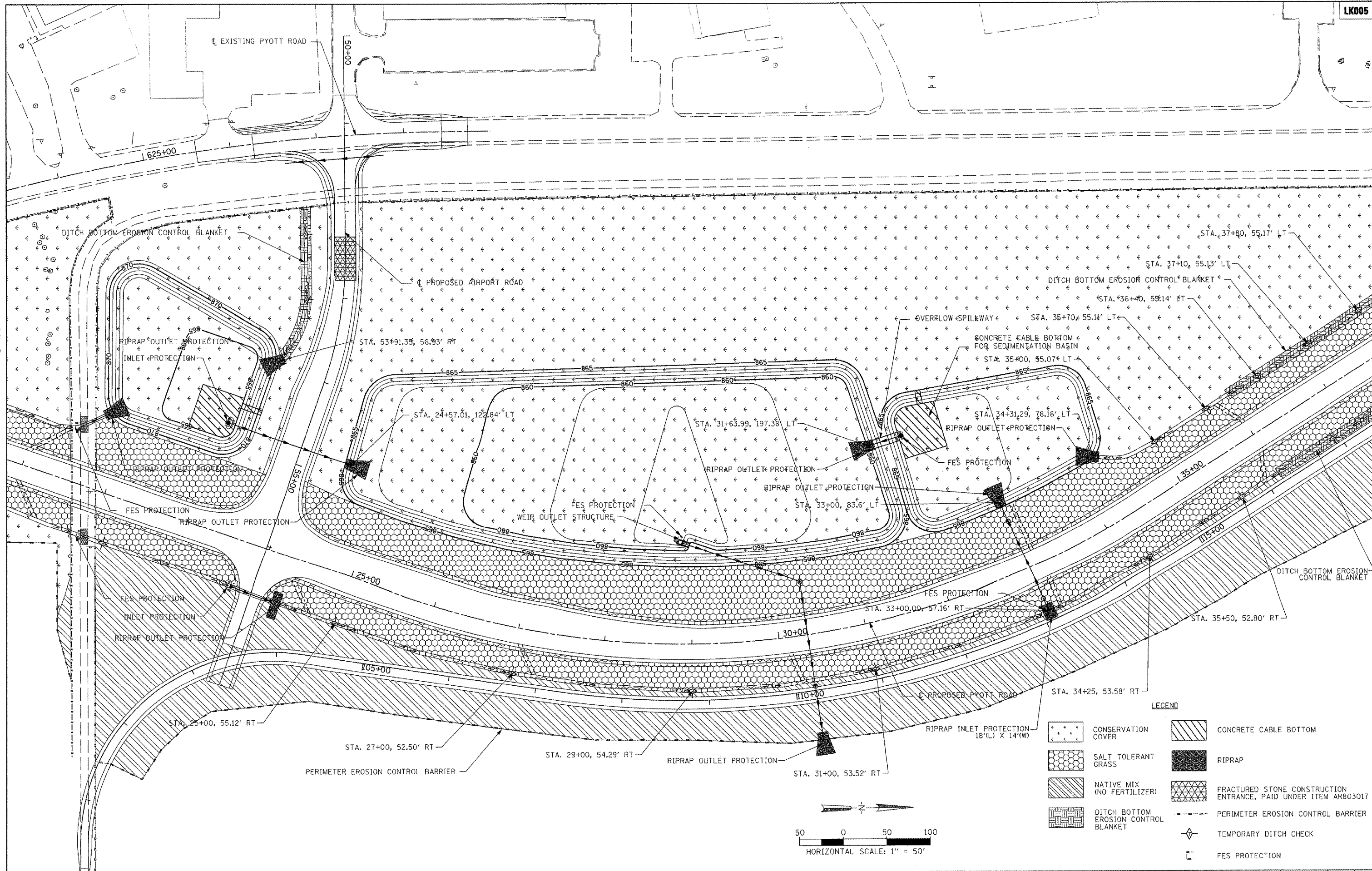


- LEGEND**
- CONSERVATION COVER
  - SALT TOLERANT GRASS
  - NATIVE MIX (NO FERTILIZER)
  - DITCH BOTTOM EROSION CONTROL BLANKET
  - CONCRETE CABLE BOTTOM
  - RIPRAP
  - FRACTURED STONE CONSTRUCTION ENTRANCE, PAID UNDER ITEM AR803017
  - PERIMETER EROSION CONTROL BARRIER
  - TEMPORARY DITCH CHECK
  - FES PROTECTION



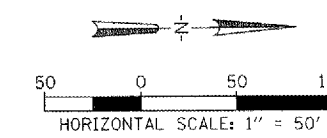
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PLLOT DATE = 02/29/2008, 09:50 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP No. 3-17-0112-58			ILLINOIS	IDA No. 3CK-367L	
			SCALE: 1"=50'					

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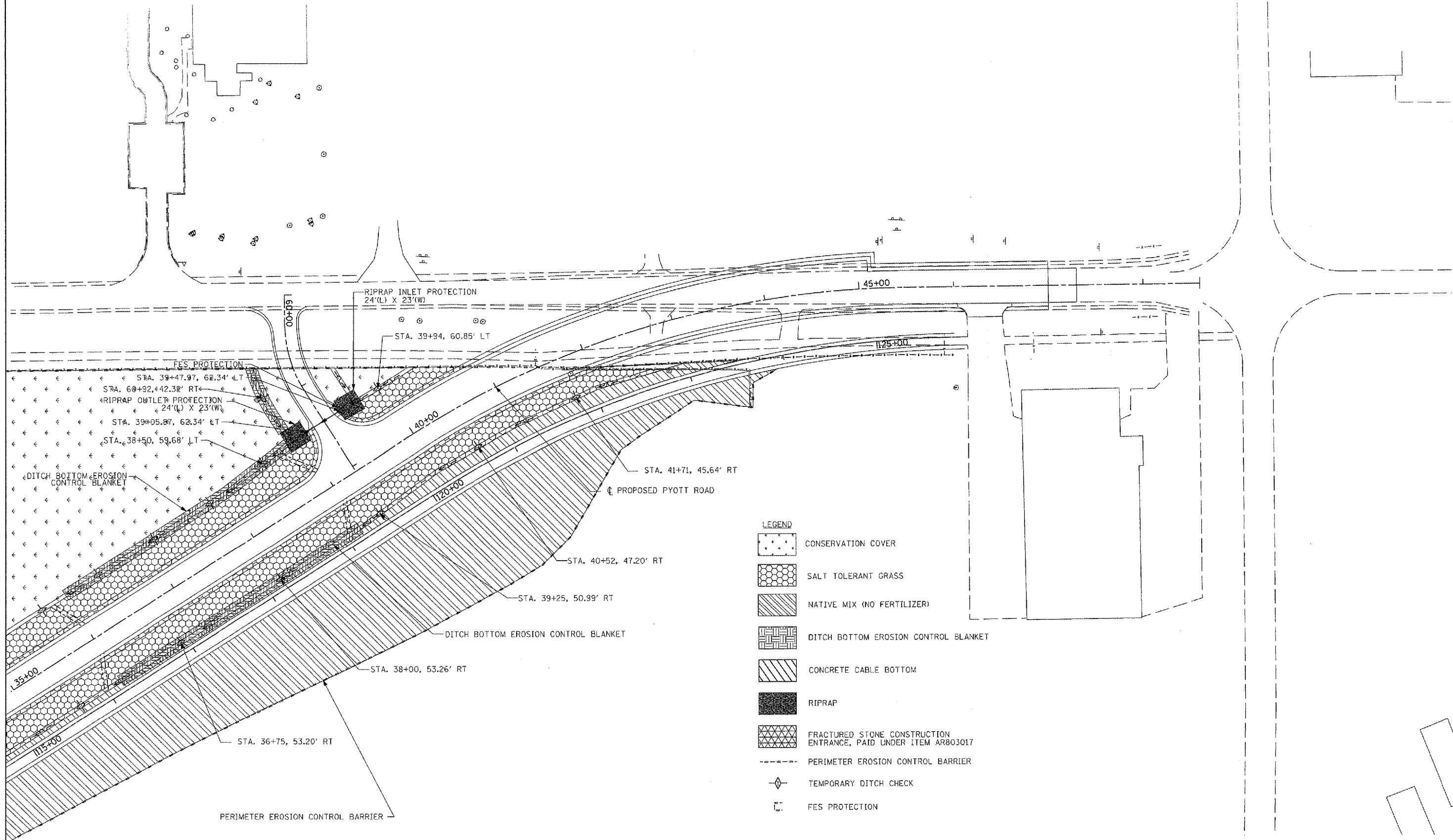
**LEGEND**

	CONSERVATION COVER		CONCRETE CABLE BOTTOM
	SALT TOLERANT GRASS		RIPRAP
	NATIVE MIX (NO FERTILIZER)		FRACTURED STONE CONSTRUCTION ENTRANCE, PAID UNDER ITEM AR803017
	DITCH BOTTOM EROSION CONTROL BLANKET		PERIMETER EROSION CONTROL BARRIER
			TEMPORARY DITCH CHECK
			FES PROTECTION

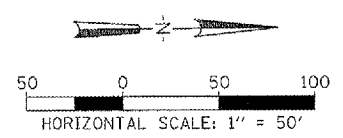


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PLOT DATE = 02/28/2008, 09:54 AM	DATE - 02/29/08	REVISED -						

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- LEGEND**
- CONSERVATION COVER
  - SALT TOLERANT GRASS
  - NATIVE MIX (NO FERTILIZER)
  - DITCH BOTTOM EROSION CONTROL BLANKET
  - CONCRETE CABLE BOTTOM
  - RIPRAP
  - FRACTURED STONE CONSTRUCTION ENTRANCE, PAID UNDER ITEM AR803017
  - PERIMETER EROSION CONTROL BARRIER
  - TEMPORARY DITCH CHECK
  - FES PROTECTION



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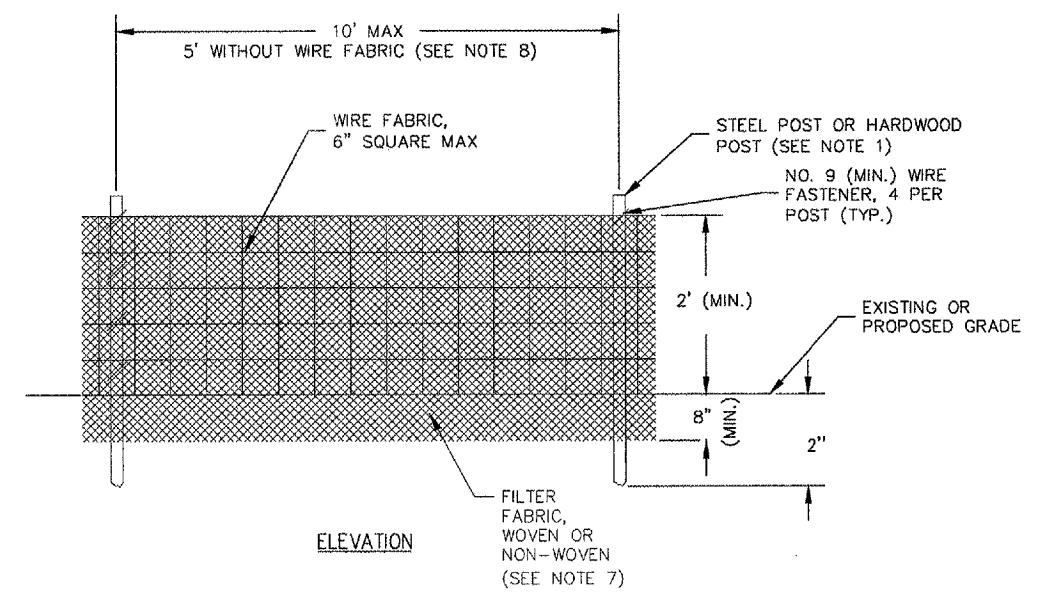
**VILLAGE OF LAKE IN THE HILLS, ILLINOIS**

**EROSION CONTROL PLAN  
PYOTT ROAD**

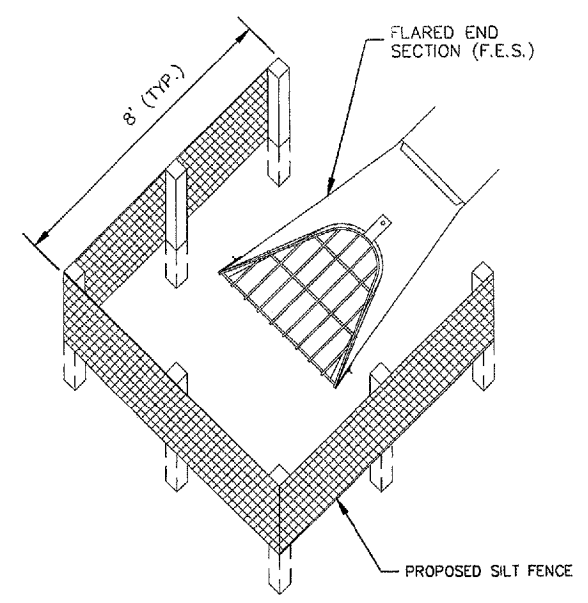
SCALE: 1"=50'

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	111

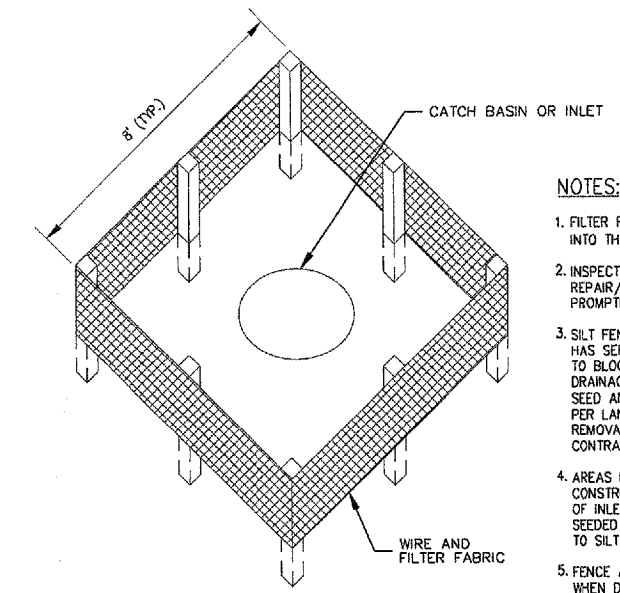
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ELEVATION



SILT FENCE PLACEMENT AT FLARED END SECTIONS (F.E.S.)



SILT FENCE PLACEMENT AT MANHOLES & INLETS

NOTES:

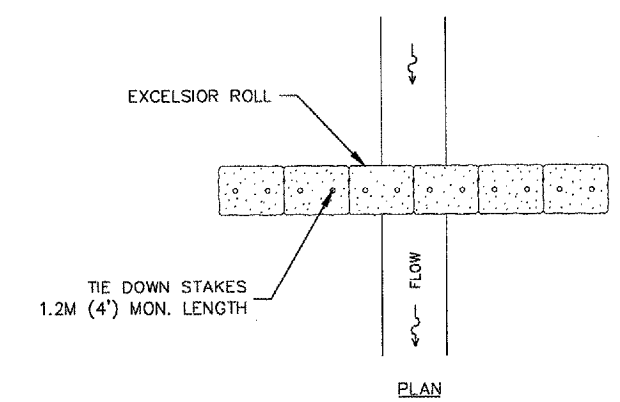
1. FILTER FABRIC SHALL BE EMBEDDED 8" INTO THE SOIL.
2. INSPECTION SHALL BE FREQUENT AND REPAIR/REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
3. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. CONTRACTOR SHALL PLACE SEED AND MULCH AROUND STRUCTURES PER LANDSCAPING PLAN. COST OF REMOVAL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SILT FENCE.
4. AREAS DISTURBED OUTSIDE OF CONSTRUCTION LIMITS DURING PLACEMENT OF INLET PROTECTION TO BE REGRADED, SEEDED AND MULCHED, COST INCIDENTAL TO SILT FENCE.
5. FENCE AND POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.

INLET/F.E.S. PROTECTION DETAIL

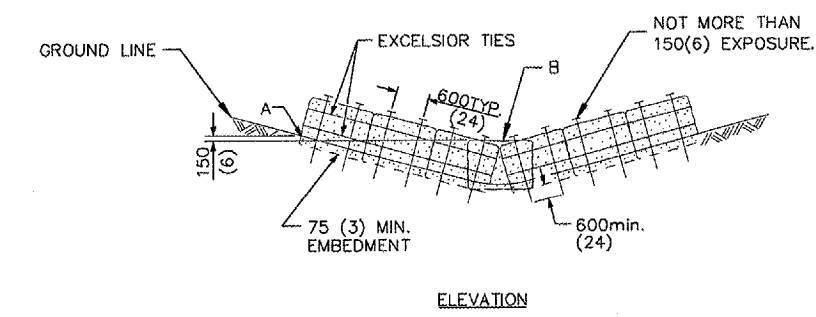
INLET PROTECTION DETAIL

NOTES:

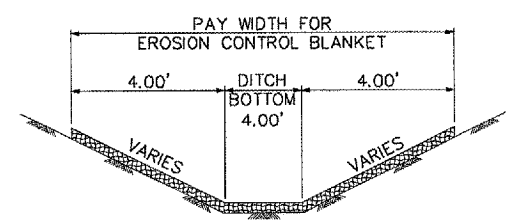
1. FENCE POST SHALL BE EITHER STEEL "T" LINE POST OR HARDWOOD POST WITH A MINIMUM SECTIONAL AREA OF 3.0 SQUARE INCHES.
2. TOP AND BOTTOM WIRE OF WIRE FABRIC SHALL BE MINIMUM GAGE NO. 9. INTERMEDIATE WIRES OF THE WIRE FABRIC SHALL BE MINIMUM GAGE NO. 11.
3. WIRE FABRIC SHALL BE SECURELY FASTENED TO FENCE POSTS WITH NO. 9 GAGE WIRE MINIMUM. FOUR (4) FASTENERS PER POST REQUIRED.
4. FILTER FABRIC SHALL BE SECURELY FASTENED TO WIRE FABRIC AND POSTS WITH TIES OR STAPLES SPACED AT 12" APART AT THE TOP, MIDDLE AND BOTTOM.
5. WHEN TWO SECTIONS OF FILTER FABRIC MEET, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED AND ATTACHED TO THE WIRE FABRIC AT A POST.
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN BULGES DEVELOP IN THE SILT FENCE.
7. FILTER FABRIC SHALL BE IN ACCORDANCE WITH SPECIAL PROVISIONS WITH EQUIVALENT OPENING SIZE OF AT LEAST 30 FOR NONWOVEN AND 50 FOR WOVEN.
8. WIRE FABRIC MAY BE OMITTED IF A MAXIMUM OF 5 FEET IS USED FOR POST-TO-POST SPACING.
9. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. PERIODIC INSPECTION SHALL BE PROVIDED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
10. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.



PLAN

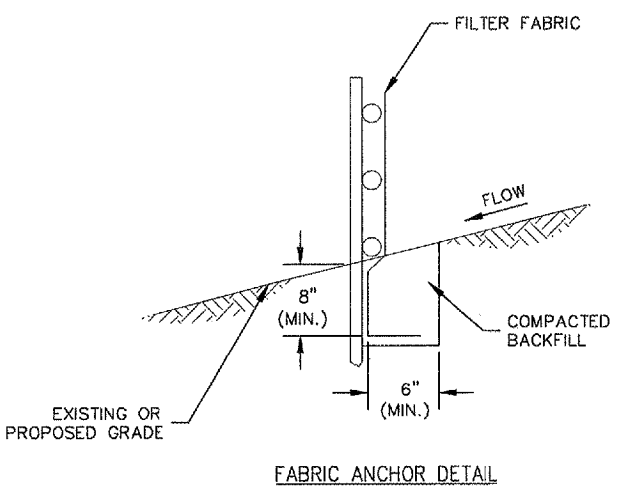


ELEVATION



DITCH BOTTOM EROSION CONTROL BLANKET

PAID UNDER ITEM AR803013



FABRIC ANCHOR DETAIL

SILT FENCE PLAN

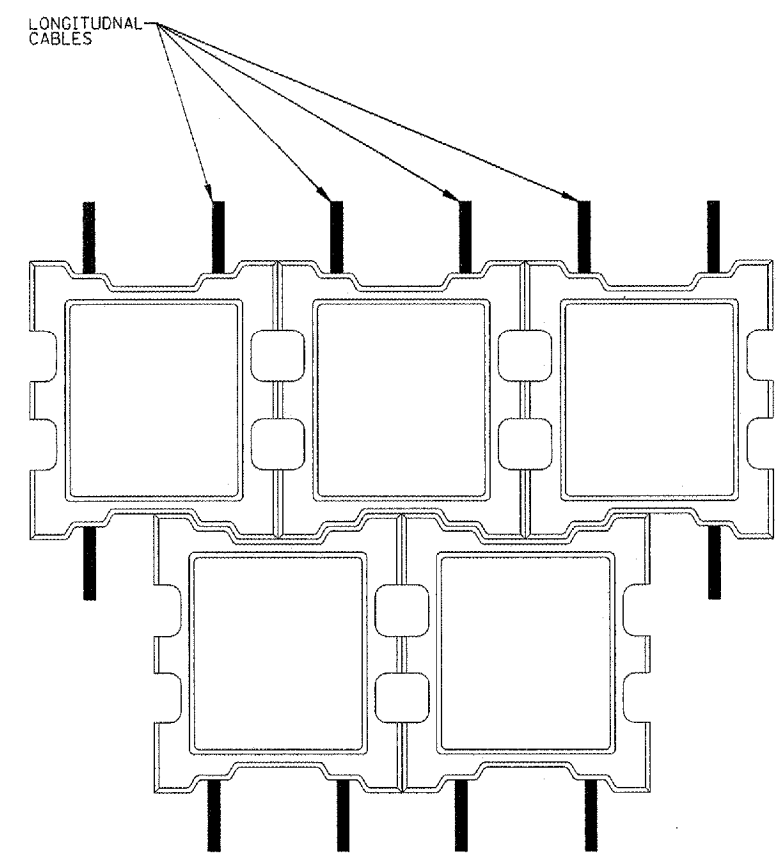
- NOTE:
1. PT. A HIGHER THAN PT. B
  2. MINIMUM DIAMTER OF EXCELSIOR ROLL IS 24".

ROLLED EXCELSIOR FOR DITCH CHECK

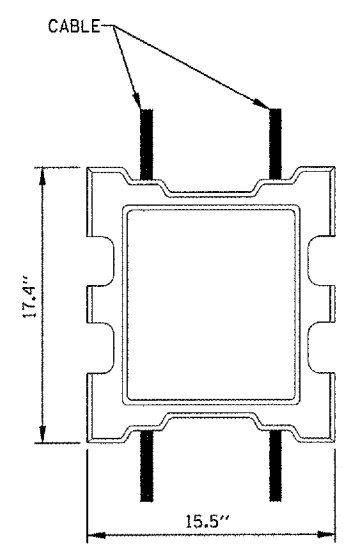
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PLOT SCALE = 2.0000 "/ IN.	CHECKED - BLB	REVISED -	MCHENRY			120	112	
PLOT DATE = 02/27/2008, 09:18 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP NO. 3-17-0112-88			ILLINOIS	IDA NO. 3CK-3671	



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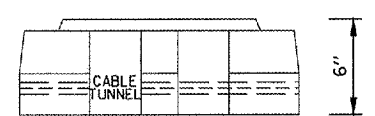


PLAN

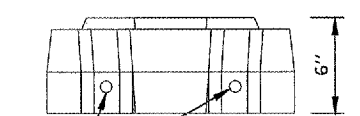


TOP VIEW

- NOTE**
1. FILTER FABRIC MEETING THE REQUIREMENTS OF ITEM AR156540 IS TO BE PLACED ON TOP OF COMPACTED SUBGRADE BEFORE ARMORFLEX BLOCK IS PLACED.
  2. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
  3. ALL WORK FOR THIS ITEM PAID UNDER AR803014.



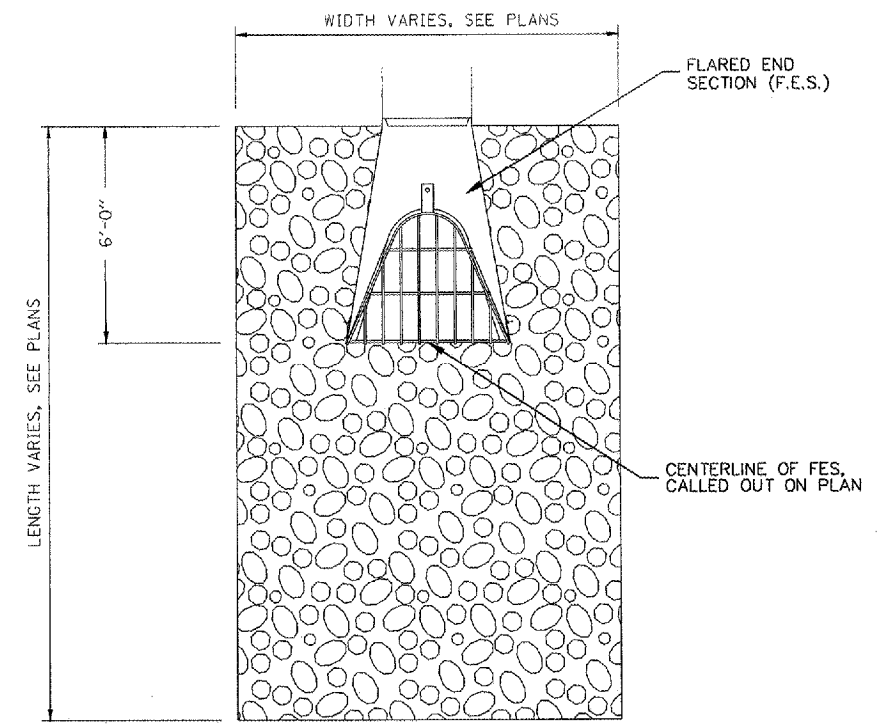
SIDE VIEW



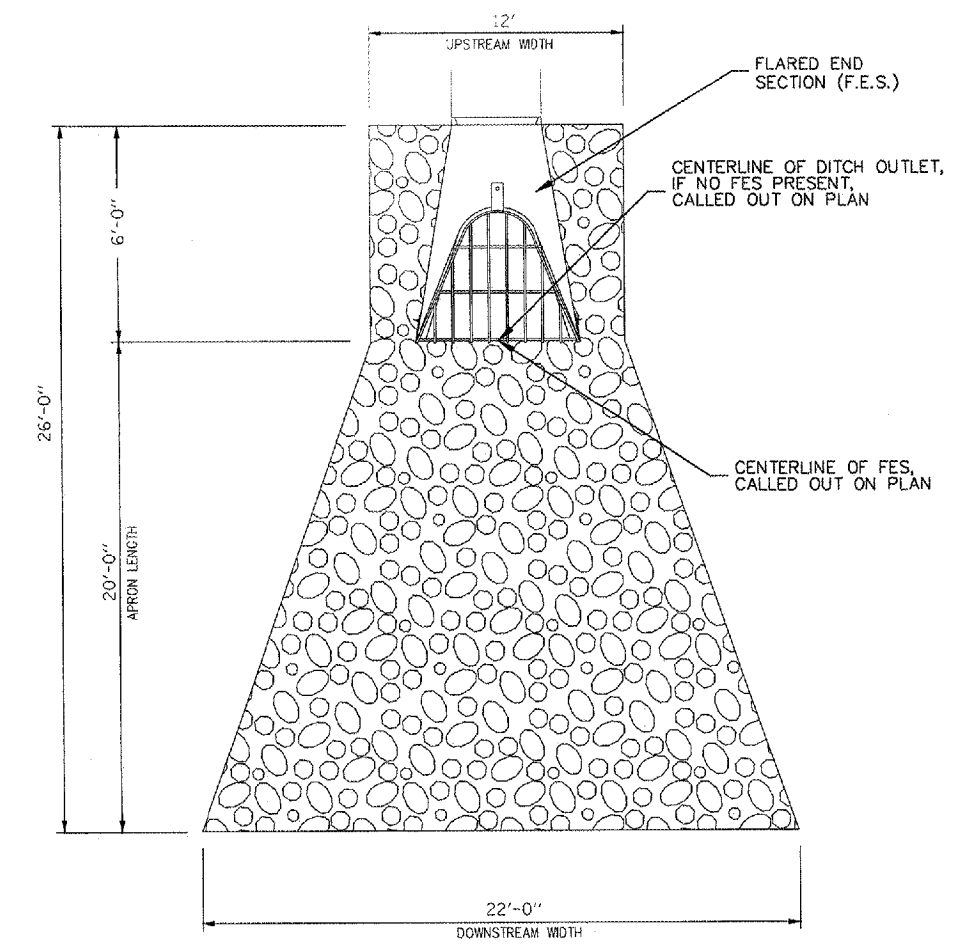
END VIEW

**CONCRETE CABLE STANDARD DETAIL**

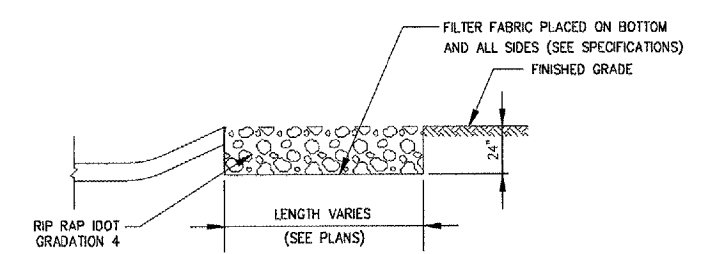
(ARMORFLEX CLASS 55 DIMENSIONS OR APPROVED EQUIVALENT)



- NOTE**
1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
  2. LENGTH (L) AND WIDTH (W) OF RIPRAP VARIES, SEE PLANS FOR DIMENSIONS OF RIPRAP.
  3. CENTERLINE OF FLARED END SECTION WILL BE CALLED OUT ON PLAN. THE WIDTH OF THE RIPRAP WILL BE CENTERED ON THIS LOCATION. THE PLACEMENT OF THE RIPRAP CAN BE DETERMINED FROM THIS LOCATION.
  4. RIPRAP WILL BE DIMENSIONED ON PLAN AS LENGTH (L) X WIDTH (W).



- NOTE**
1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
  2. CENTERLINE OF FLARED END SECTION WILL BE CALLED OUT ON PLAN. THE WIDTH OF THE RIPRAP WILL BE CENTERED ON THIS LOCATION. THE PLACEMENT OF THE RIPRAP CAN BE DETERMINED FROM THIS LOCATION.
  3. IF RIPRAP IS PLACED AT OUTLET OF DITCH, THE CENTERLINE OF THE DITCH OUTLET WILL BE CALLED OUT ON PLAN.

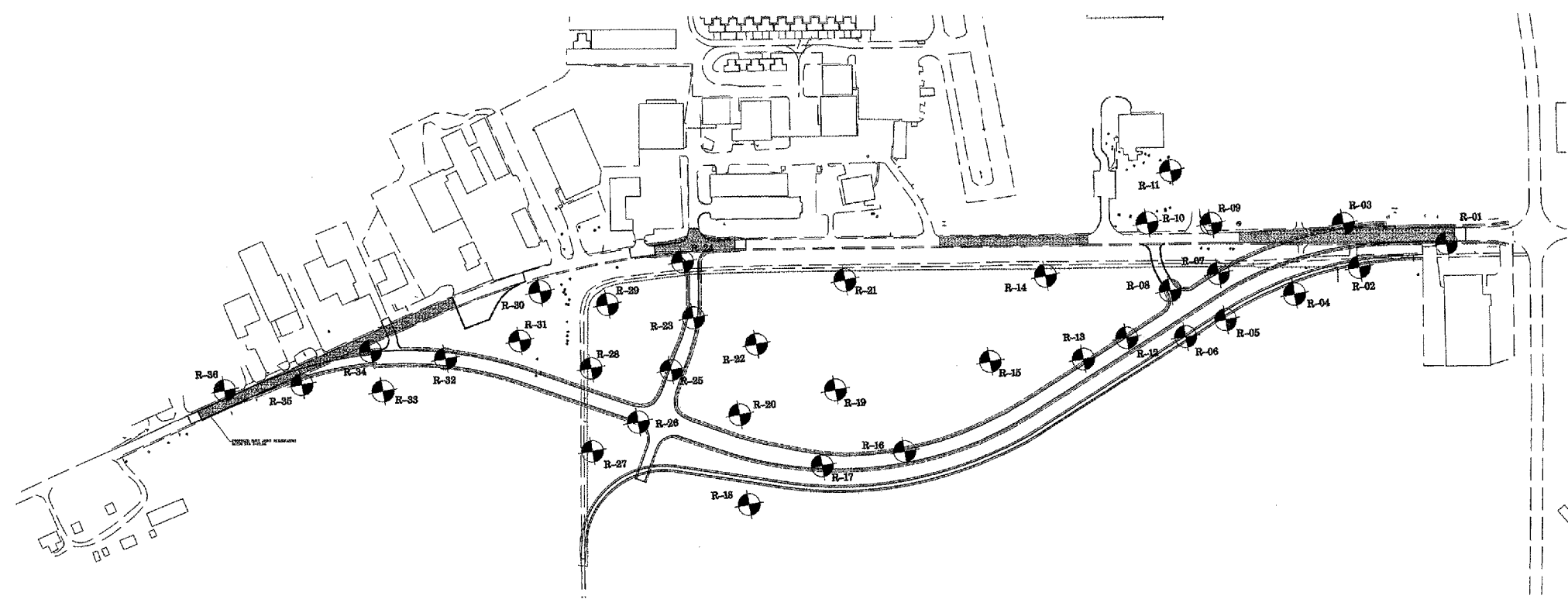


**RIPRAP**

- NOTE**
1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
  2. WIDTH (W) OF RIPRAP VARIES, SEE PLAN.

FILE NAME =	USER NAME = MoLou01058	DESIGNED - SJM	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>PYOTT ROAD EROSION CONTROL DETAILS</b>	COUNTY	TOTAL SHEETS	SHEET NO.
I:\05Jobs\00041\0508021\Civil Part A\Sheets\NC-ERCS Details.sht	DRAWN - SJM	REVISED -	MCHENRY			120	113	
PLOT SCALE = 2.0000' / 1"	CHECKED - BLB	REVISED -	FEDERAL AIP NO. 3-17-0112-88			ILLINOIS	IDA NO. 3CX-3671	
PLOT DATE = 02/27/2008, 09:19 AM	DATE - 02/29/08	REVISED -						

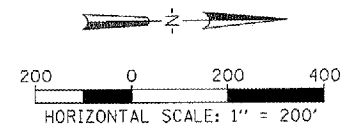
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**BORING LOCATION TABLE**

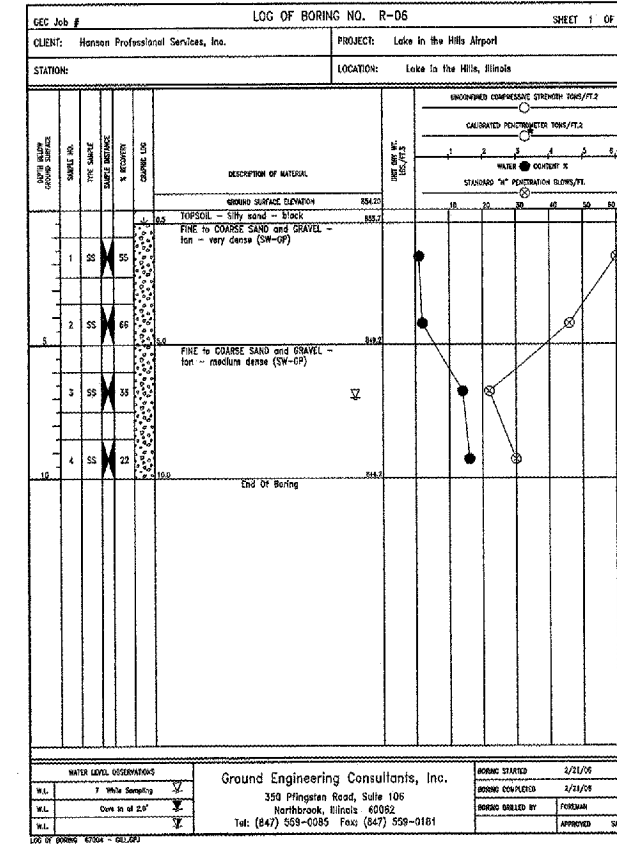
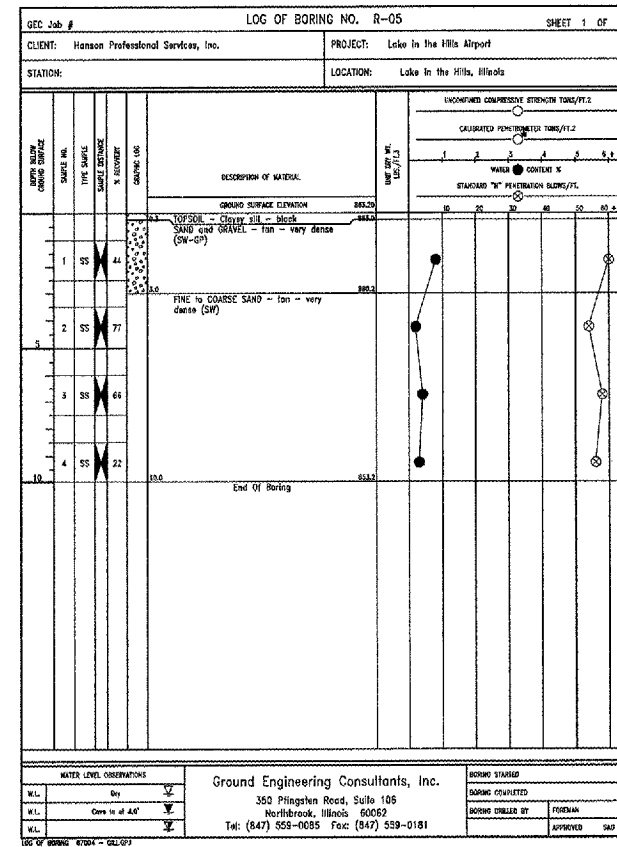
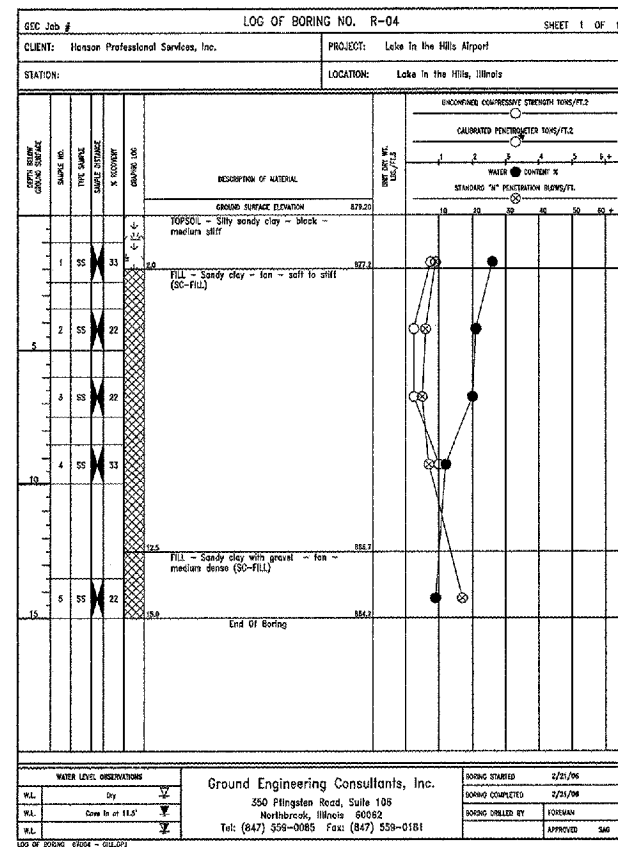
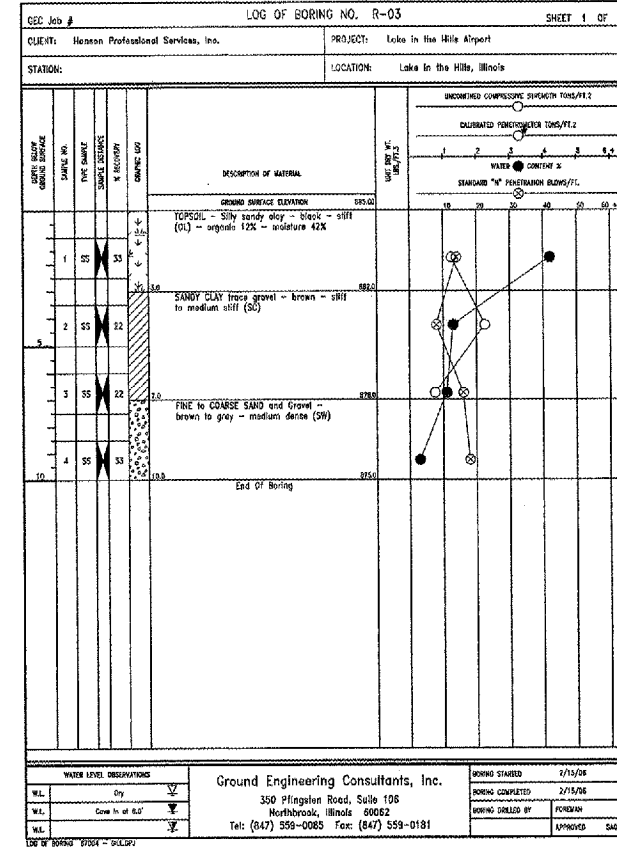
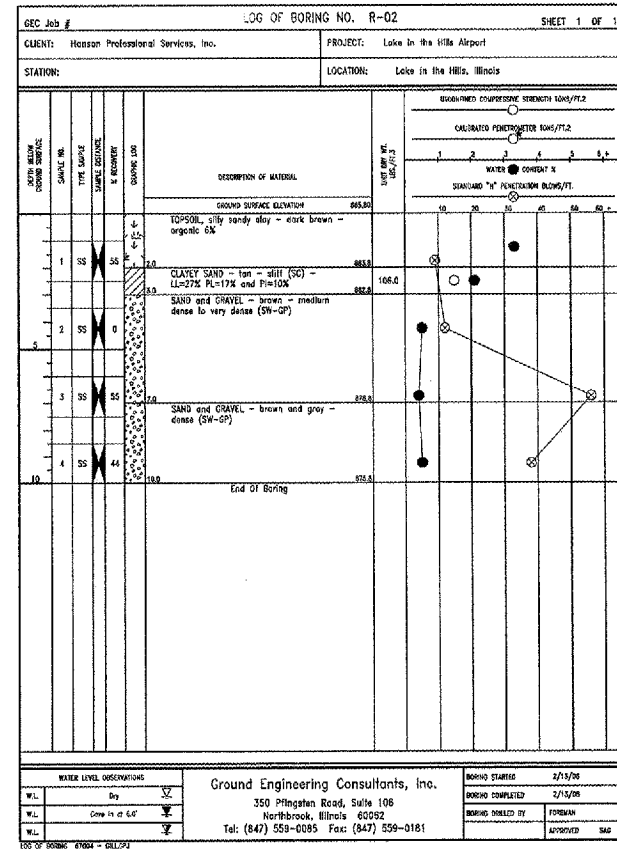
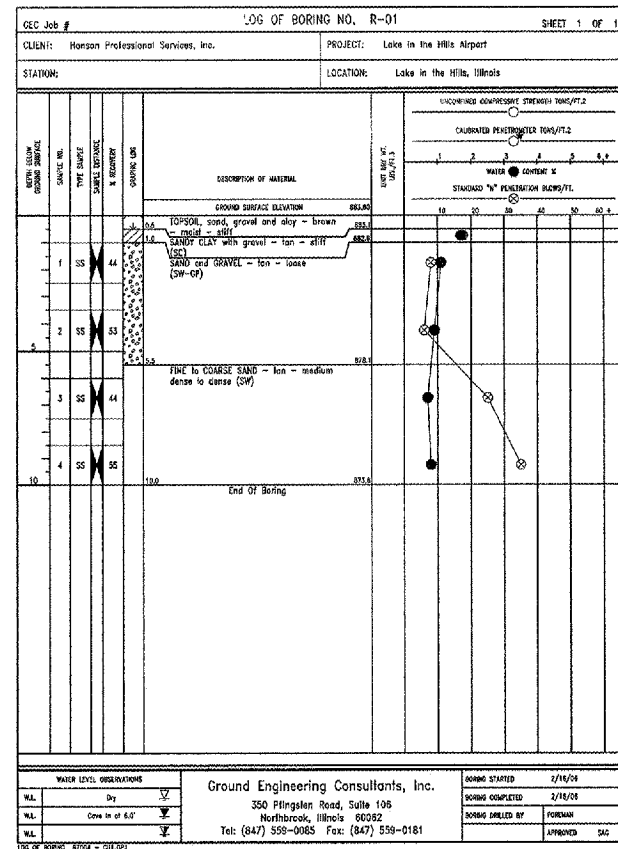
BORING NUMBER	NORTHING	EASTING	ELEVATION	DEPTH (FT.)	BORING NUMBER	NORTHING	EASTING	ELEVATION	DEPTH (FT.)
R-01	2,019,477.55	989,049.83	883.6	10	R-19	2,017,830.13	989,439.03	861.9	10
R-02	2,019,241.82	989,114.24	885.8	10	R-20	2,017,571.83	989,506.88	862.1	10
R-03	2,019,199.49	988,996.13	885.0	10	R-21	2,017,857.10	989,142.60	892.9	20
R-04	2,019,067.31	989,184.06	879.2	15	R-22	2,017,617.43	989,313.58	862.1	10
R-05	2,018,881.20	989,251.15	863.2	10	R-23	2,017,447.30	989,241.33	876.3	15
R-06	2,018,773.40	989,296.62	854.2	10	R-24	2,017,418.68	989,092.73	861.9	15
R-07	2,018,862.18	989,128.30	890.8	20	R-25	2,017,387.13	989,383.56	868.9	15
R-08	2,018,732.68	989,172.71	881.4	15	R-26	2,017,298.19	989,524.69	876.9	15
R-09	2,018,843.08	988,993.66	885.1	10	R-27	2,017,175.24	989,602.78	882.3	15
R-10	2,018,671.52	988,991.31	885.8	10	R-28	2,017,172.20	989,378.10	880.4	15
R-11	2,018,734.96	988,851.61	886.9	10	R-29	2,017,216.76	989,204.62	853.2	20
R-12	2,018,615.26	989,298.77	869.3	10	R-30	2,017,035.23	989,170.85	882.9	10
R-13	2,018,498.58	989,356.14	863.1	10	R-31	2,016,980.57	989,302.39	872.7	10
R-14	2,018,397.72	989,132.64	890.5	20	R-32	2,016,780.34	989,350.96	874.8	10
R-15	2,018,248.64	989,362.49	852.3	10	R-33	2,016,611.96	989,439.66	866.4	10
R-16	2,018,016.26	989,605.70	853.8	10	R-34	2,016,578.43	989,330.43	861.2	10
R-17	2,017,793.81	989,644.98	860.7	10	R-35	2,016,393.95	989,421.63	882.0	10
R-18	2,017,596.95	989,748.38	861.3	10	R-36	2,016,185.15	989,437.46	881.7	10

TOTAL (FT.) = 440



FILE NAME = I:\05Jobs\0004\0508021\Civil Part A\Sheet	USER NAME = MoLeu01059	DESIGNED - SJM	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>BORING PLAN PROPOSED PYOTT ROAD</b>	COUNTY	TOTAL SHEETS	SHEET NO.
PLT SCALE = 400.0000' / IN.	CHECKED - BLB	REVISED -	MCHENRY			120	114	
PLT DATE = 02/27/2008, 09:22 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP NO. 3-17-0112-98			ILLINOIS	IDA NO. 3CK-3671	
			SCALE: 1"=200'					

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PLOT DATE = 02/27/2008, 09:25 AM		CHECKED - BLB	REVISED -
		DATE - 02/29/08	REVISED -

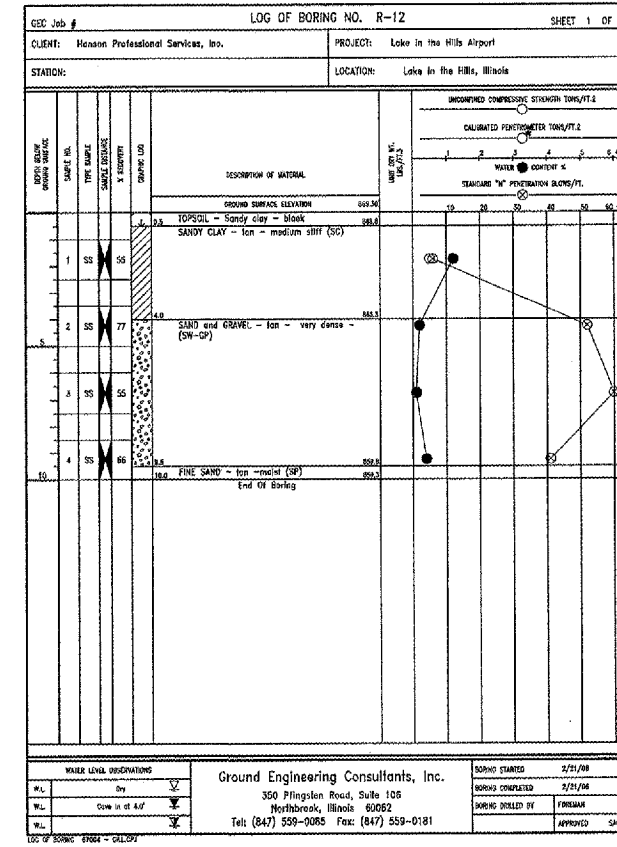
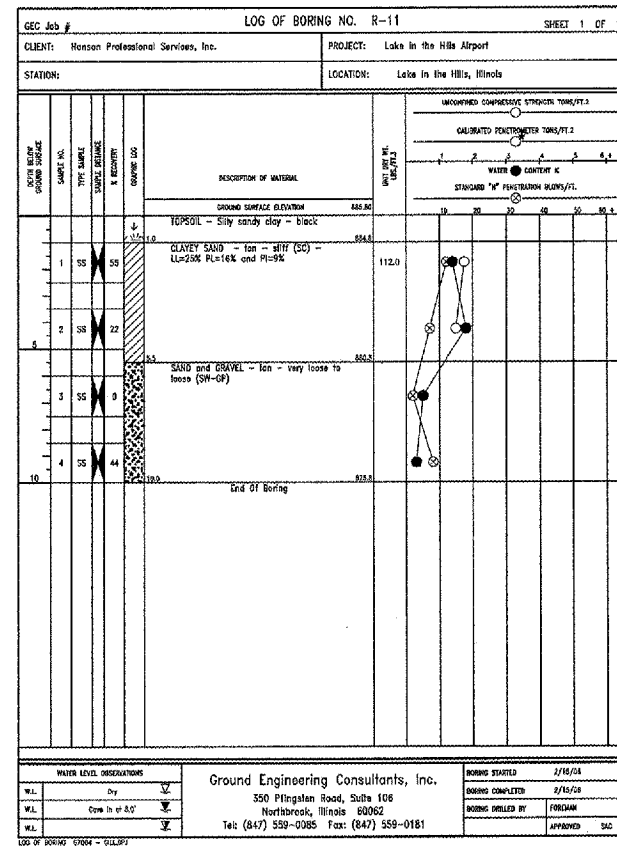
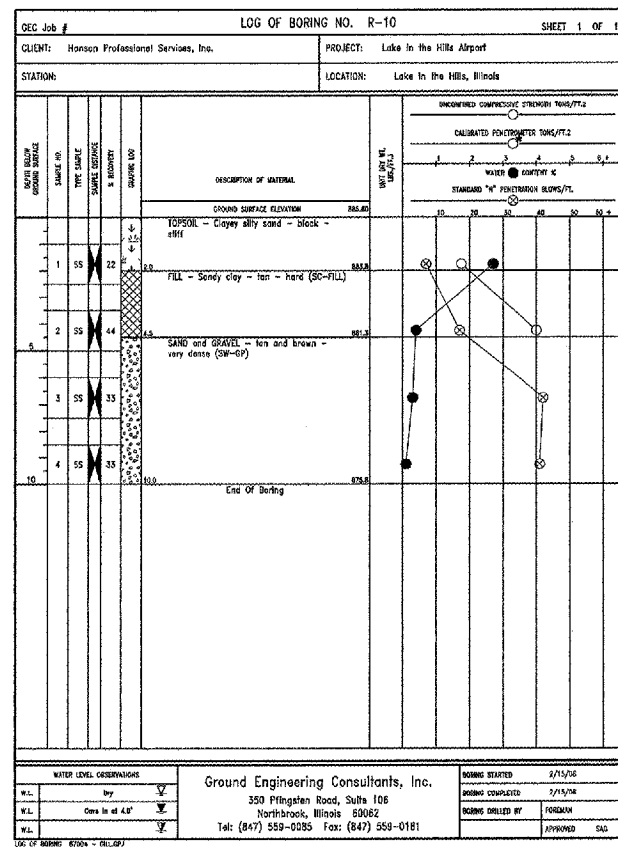
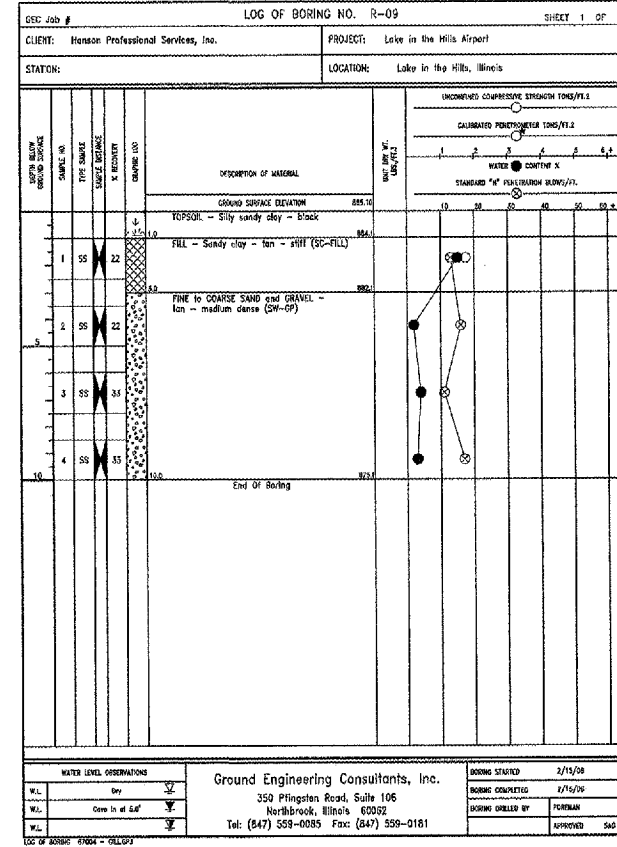
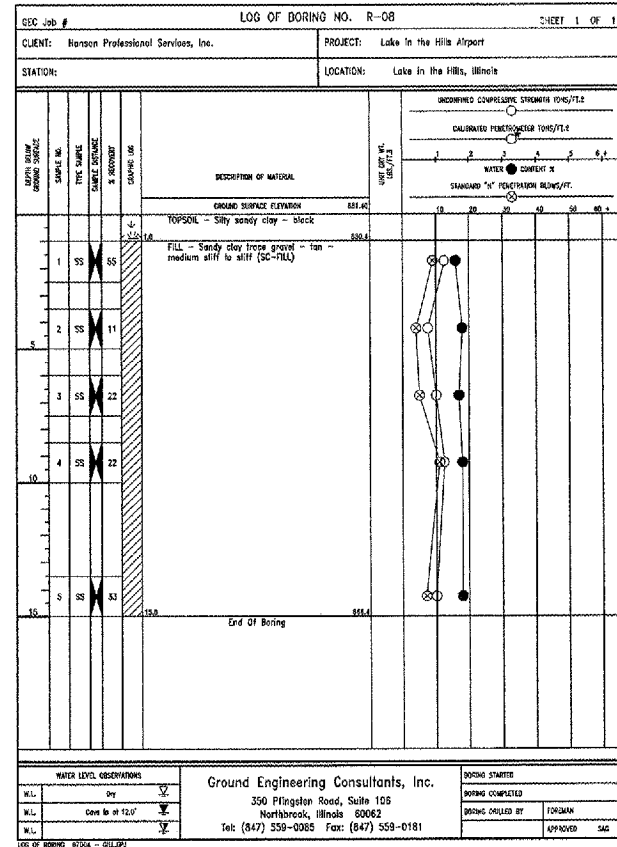
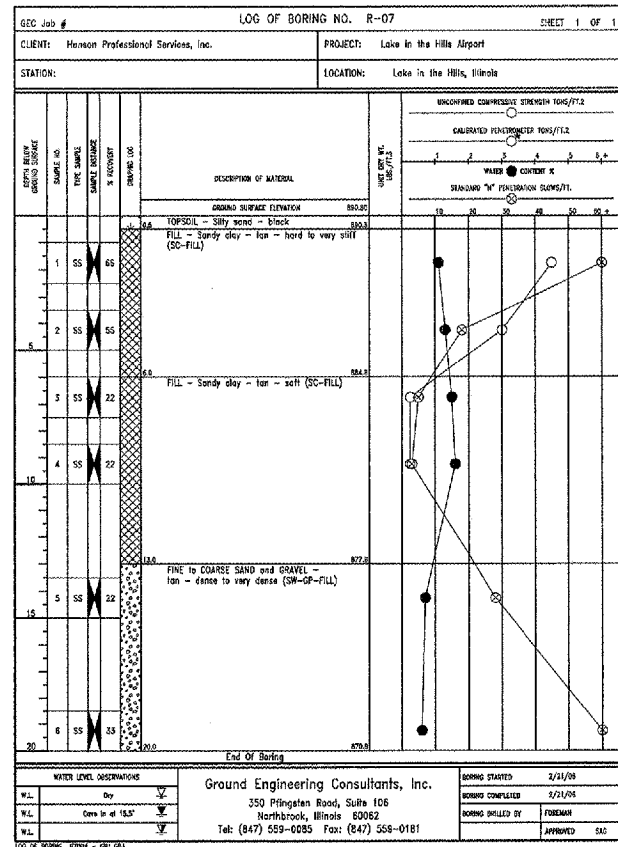
**VILLAGE OF LAKE IN THE HILLS, ILLINOIS**

**BORING LOGS R01 - R06  
PYOTT ROAD**

SCALE:

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	115
FEDERAL AIP NO. 3-17-0112-B8 ILLINOIS IDA NO. 3CK-3671		

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FILE NAME =	USER NAME = MoLou01058	DESIGNED - SJM	REVISED -
I:\05Jobs\00041\0586021\Civil Part A\Sheet\AC-BOR3.sht		DRAWN - BLB	REVISED -
		CHECKED - BLB	REVISED -
		DATE - 02/29/08	REVISED -

**VILLAGE OF LAKE IN THE HILLS, ILLINOIS**

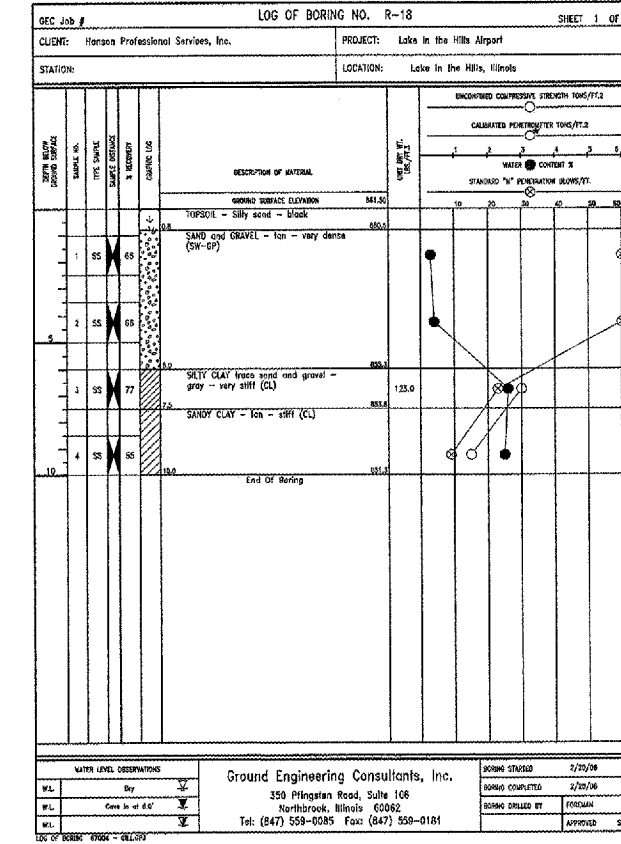
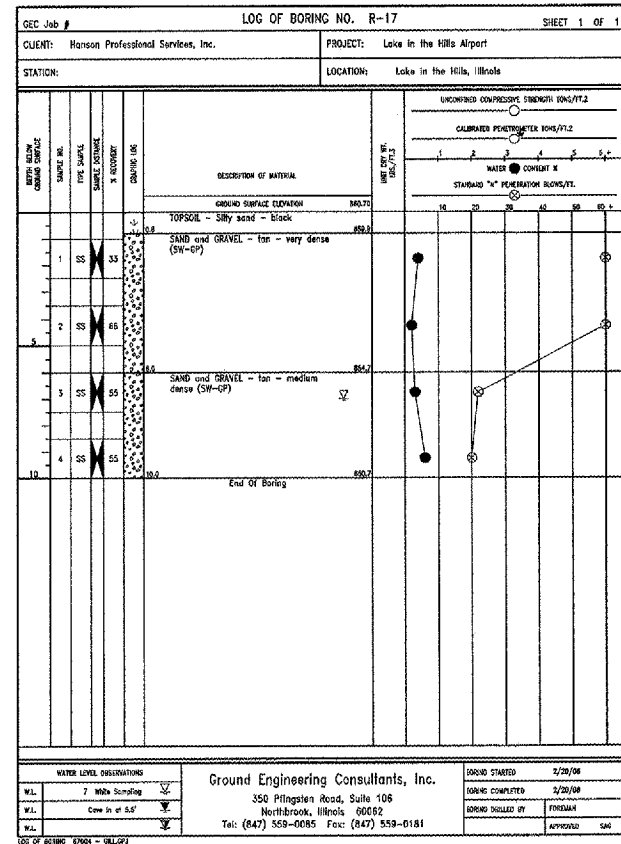
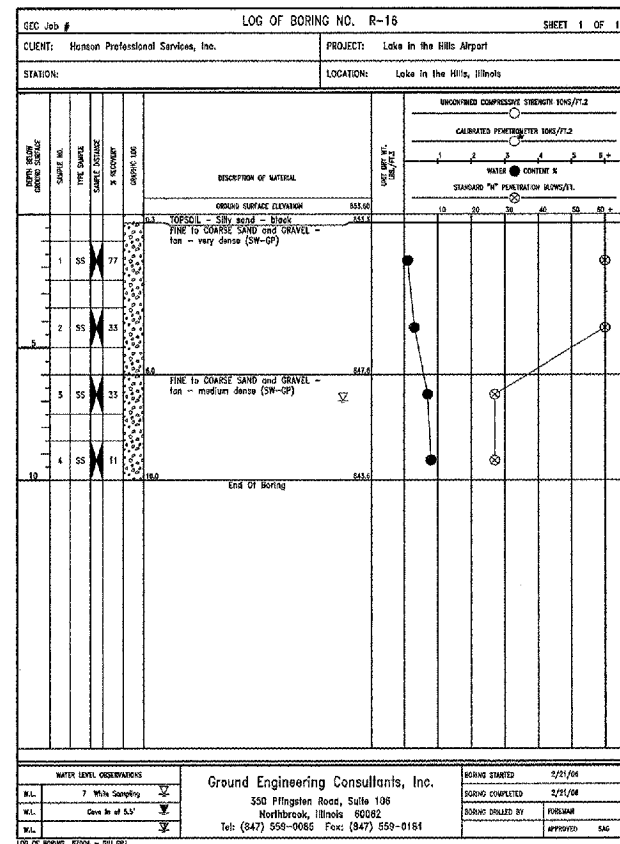
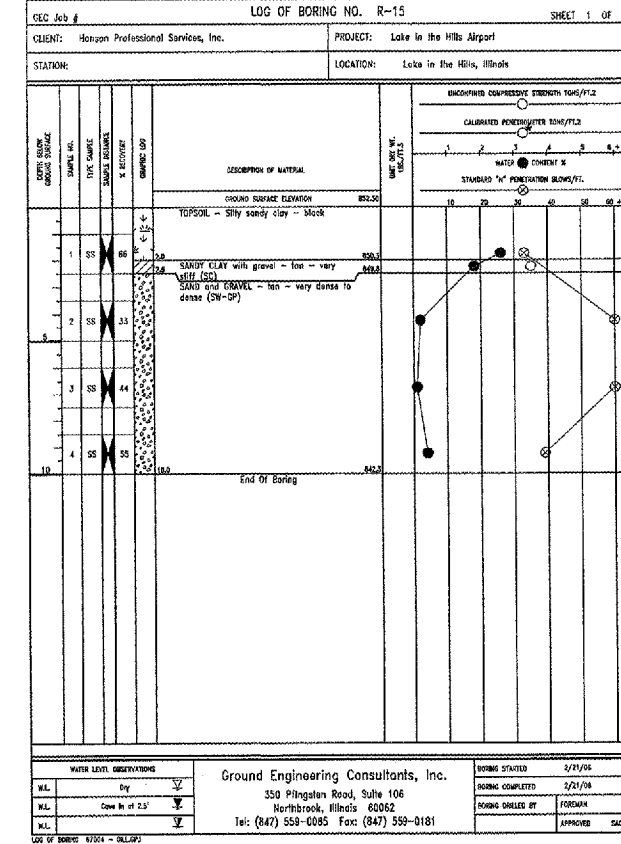
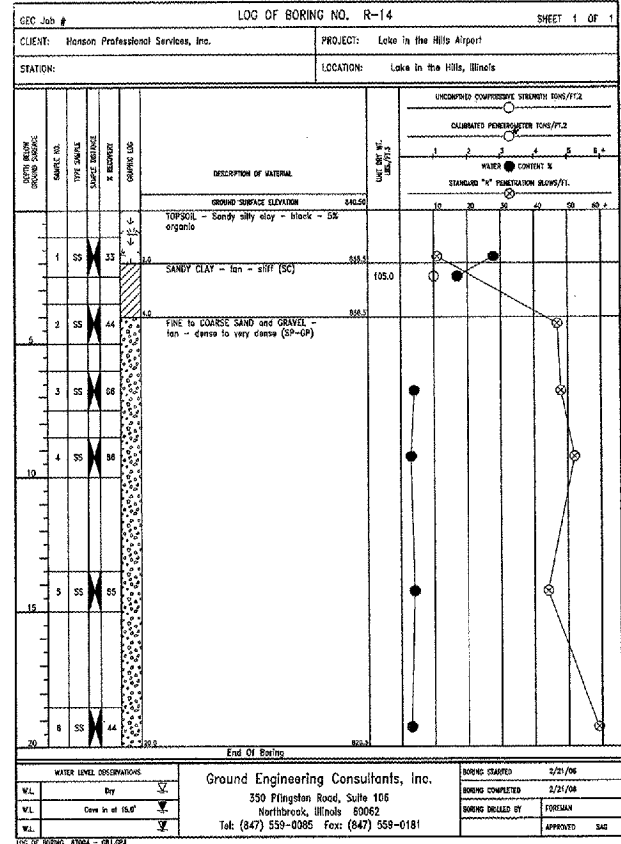
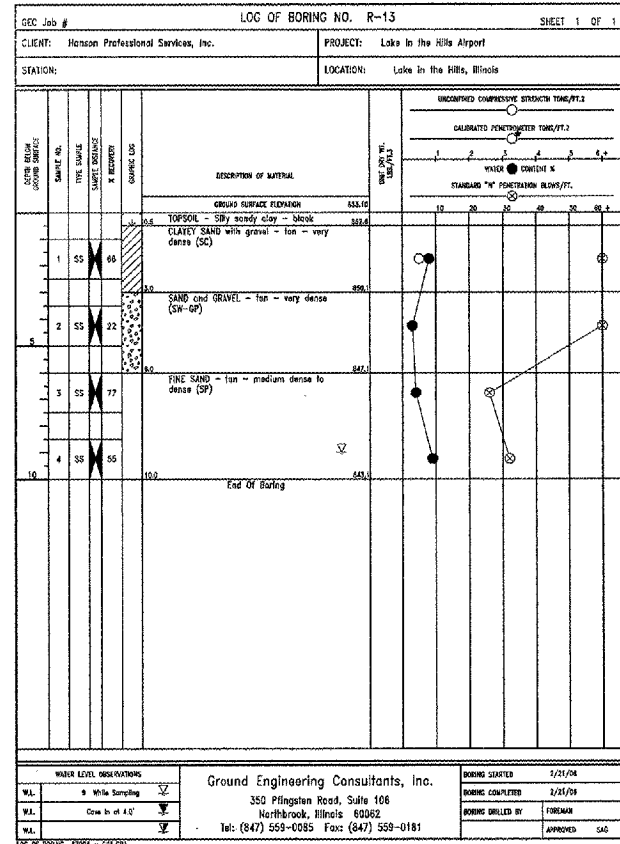
**BORING LOGS R07 - R12  
PYOTT ROAD**

SCALE:

COUNTY	TOTAL SHEETS	SHEET NO.
MCHENRY	120	116

FEDERAL AIP NO. 3-17-0112-BB ILLINOIS IDA NO. 3CK-3671

BORING LOGS:



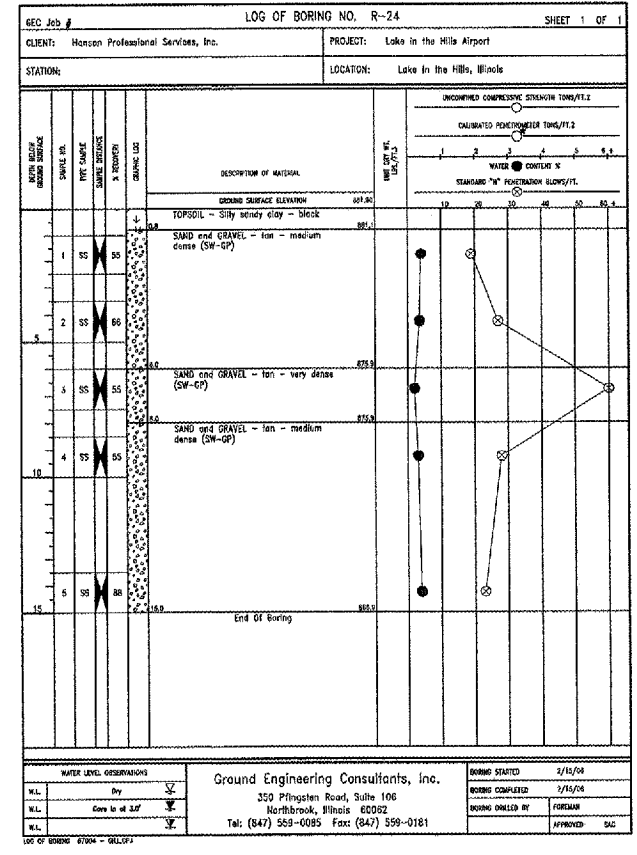
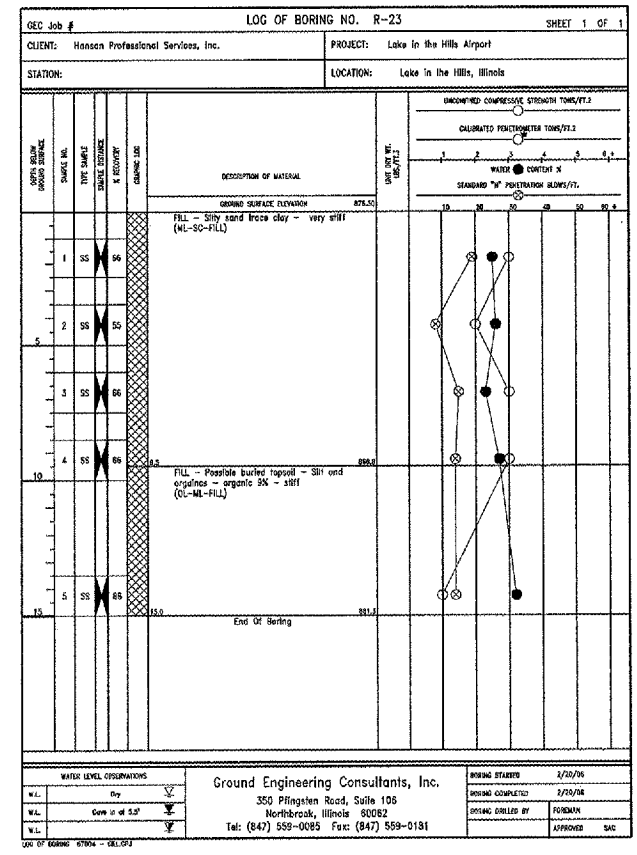
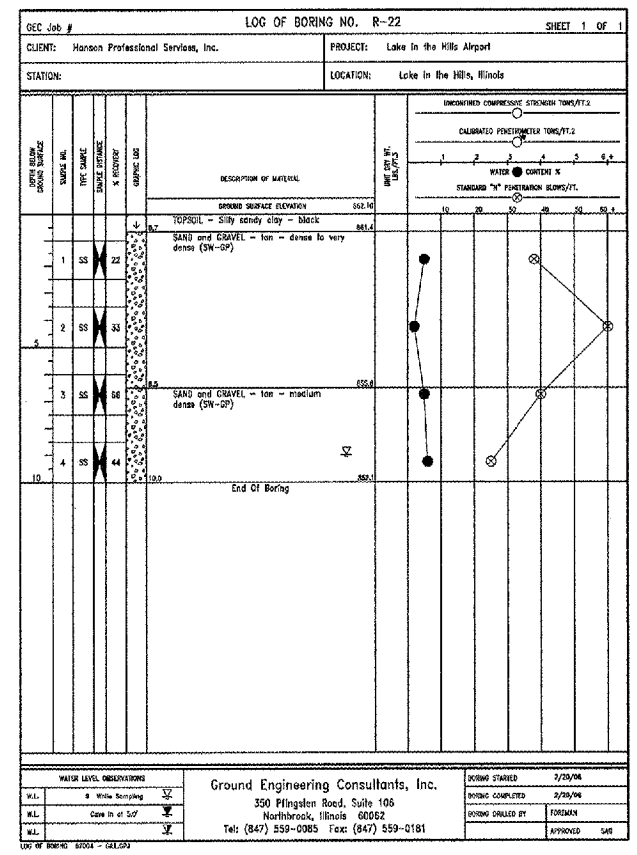
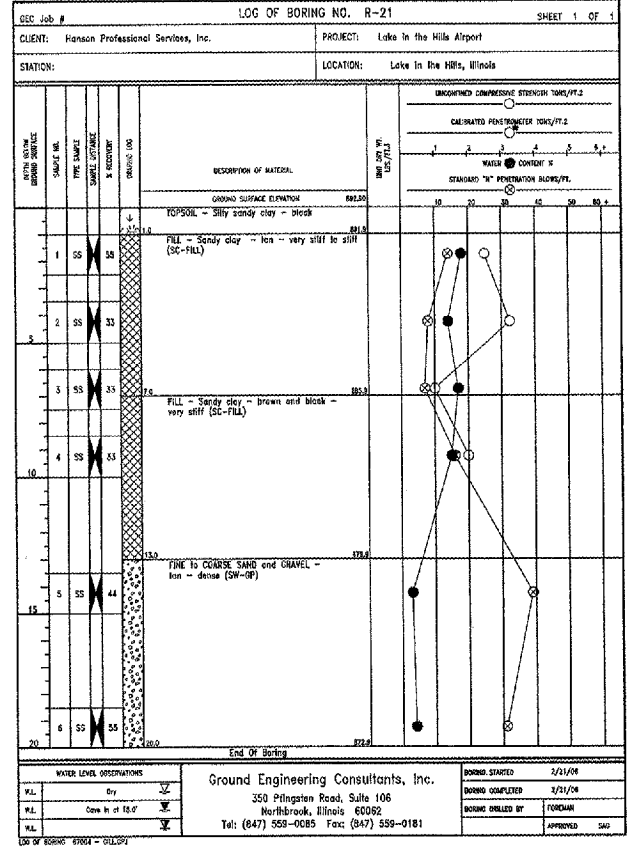
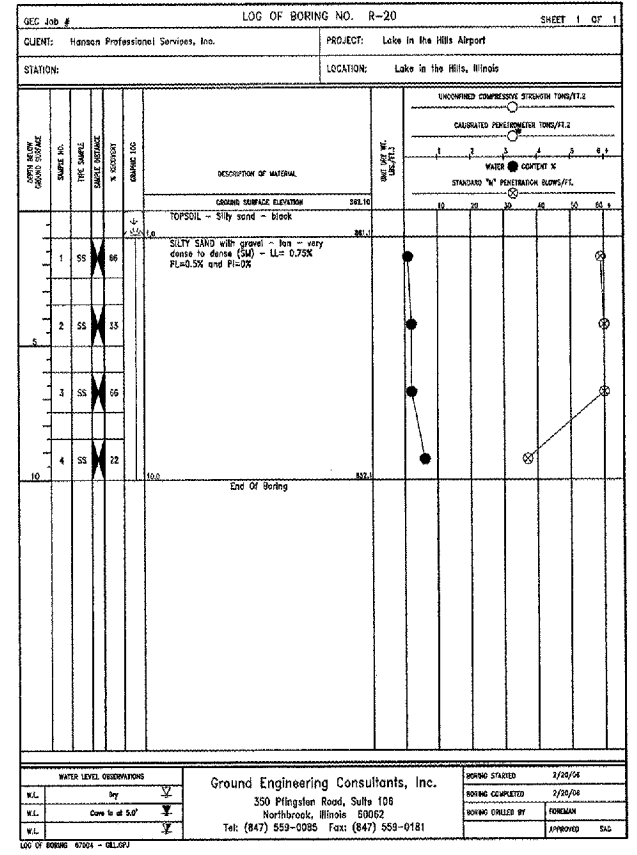
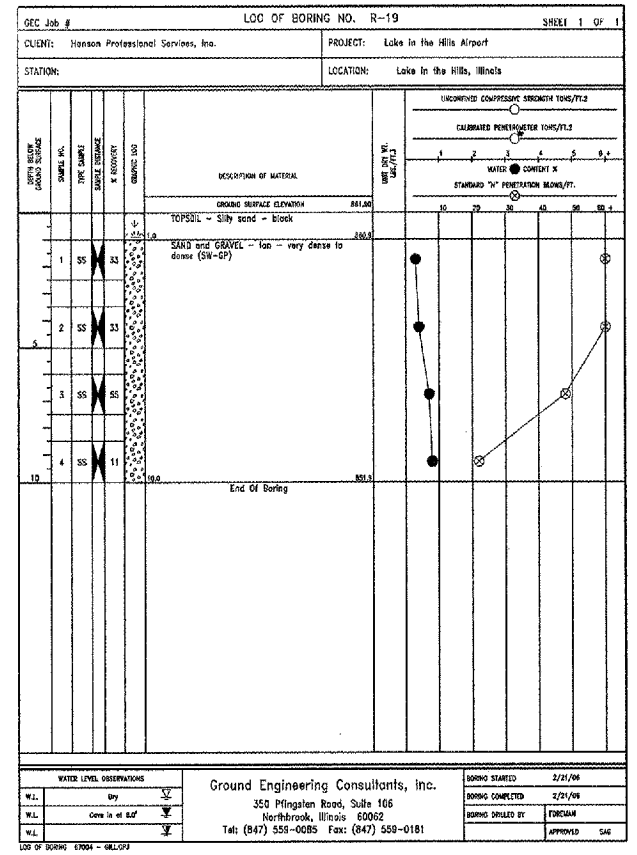
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FILE NAME = I:\05Jobs\00841\0588021\Civil Part A\Sheets\VC-BOR4.sht	USER NAME = McLou01056	DESIGNED - SJM	REVISED -	<b>VILLAGE OF LAKE IN THE HILLS, ILLINOIS</b>	<b>BORING LOGS R13 - R18 PYOTT ROAD</b>	SCALE:	FEDERAL ASP NO. 3-17-0112-06	ILLINOIS	IDA NO. 3CK-3671	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2,000' / 1"	CHECKED - BLB	DATE - 02/29/08	REVISED -			MCHENRY	120	117				
PLOT DATE = 02/27/2008, 09:30 AM	DATE - 02/29/08	REVISED -										

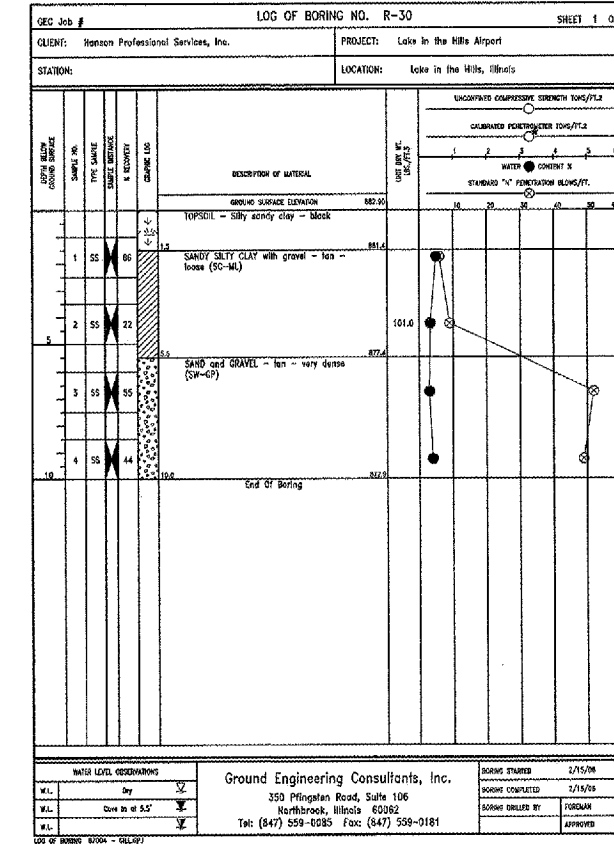
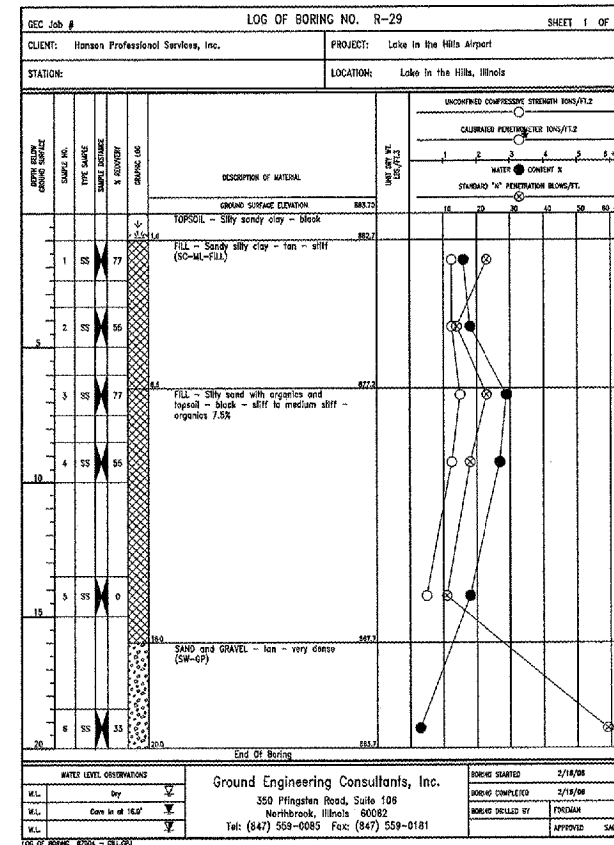
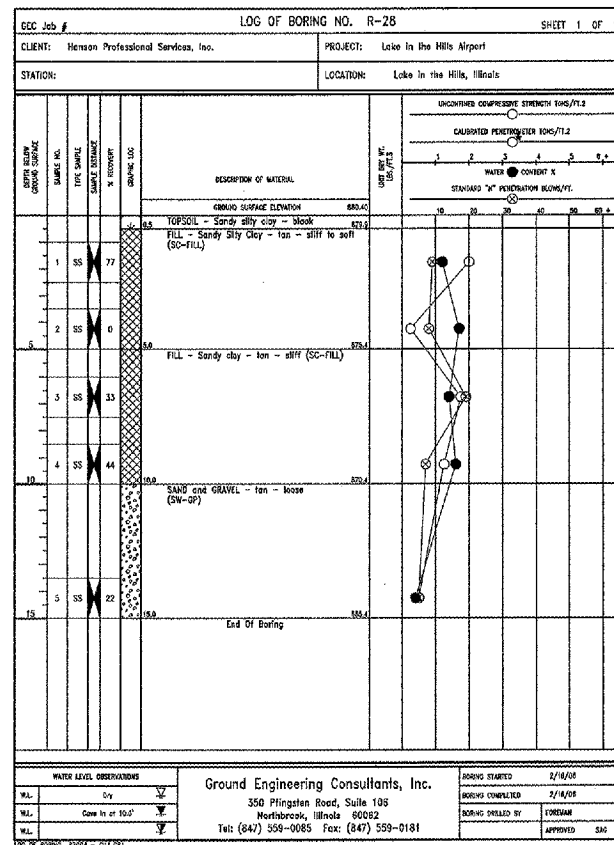
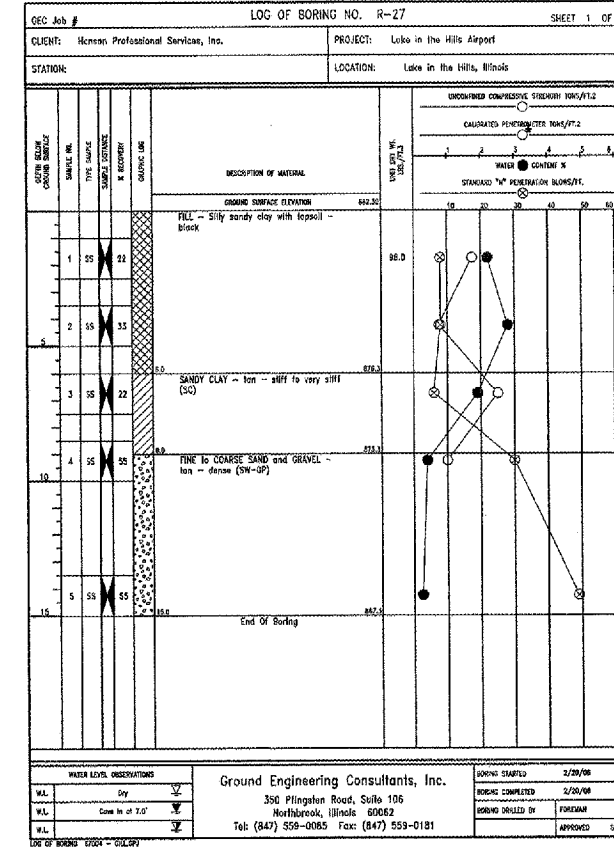
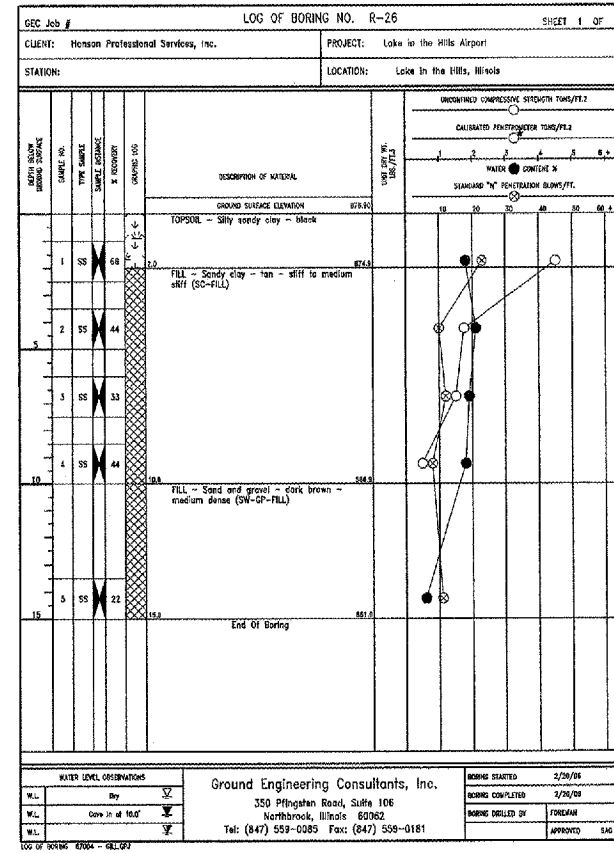
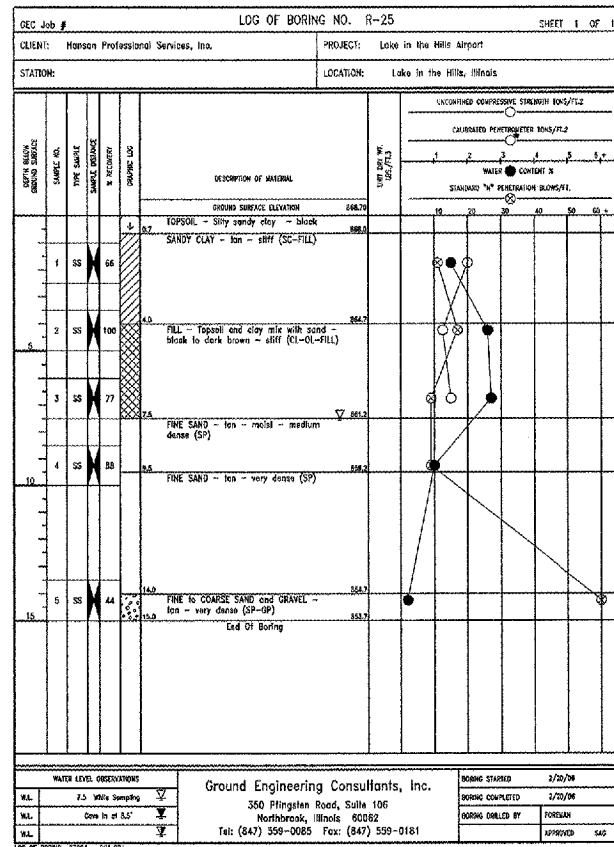
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		DRAWN - BLB	REVISED -			MCHENRY	120	118
		CHECKED - BLB	REVISED -			FEDERAL AIP NO. 3-17-0112-88	ILLINOIS	IDA NO. 3CX-3671
		DATE - 02/29/08	REVISED -					

**BORING LOGS:**

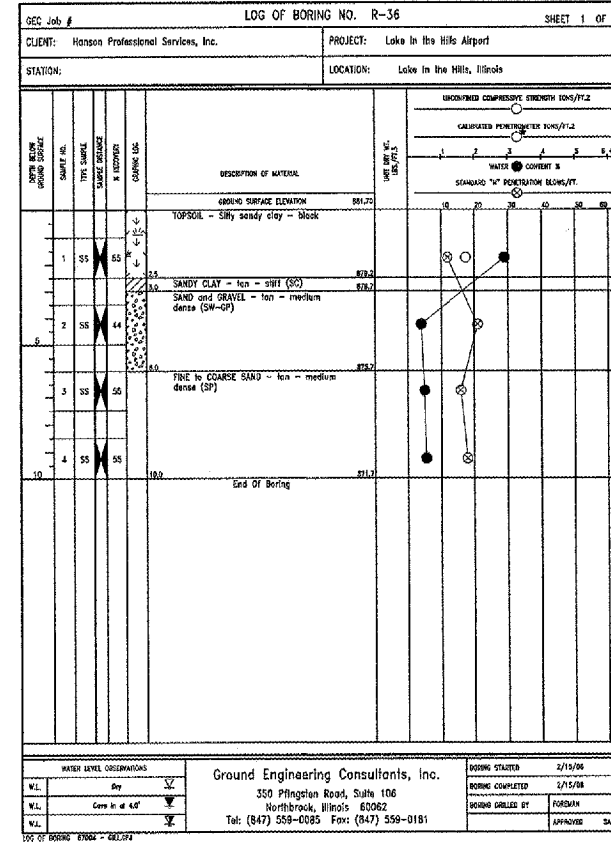
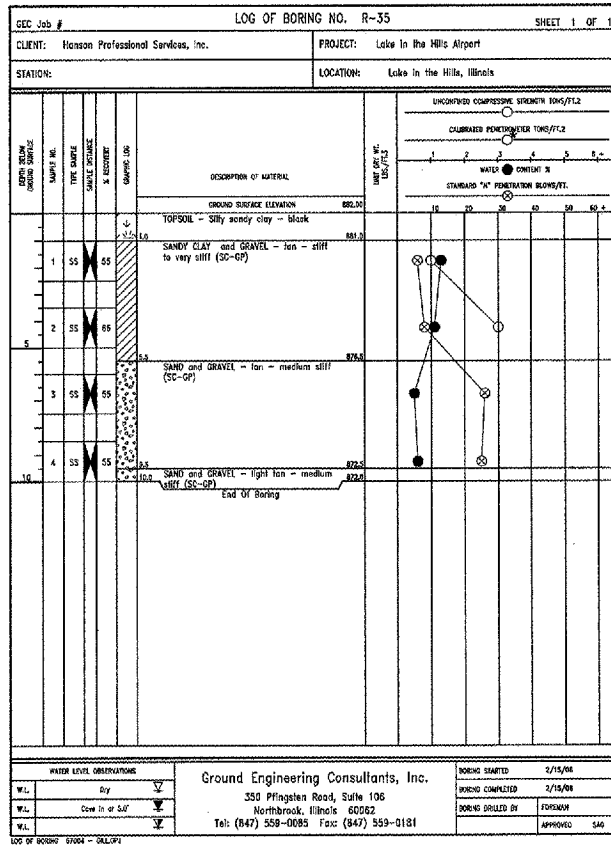
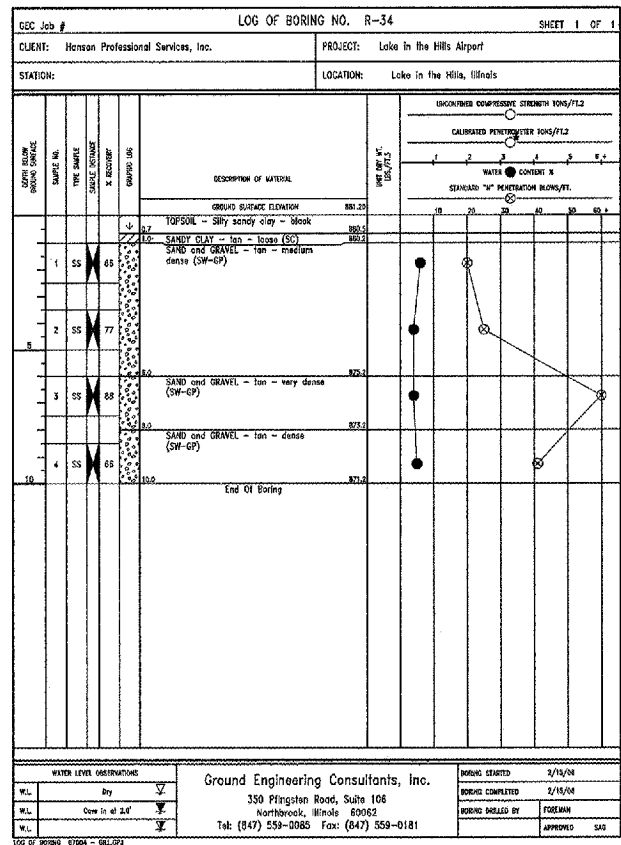
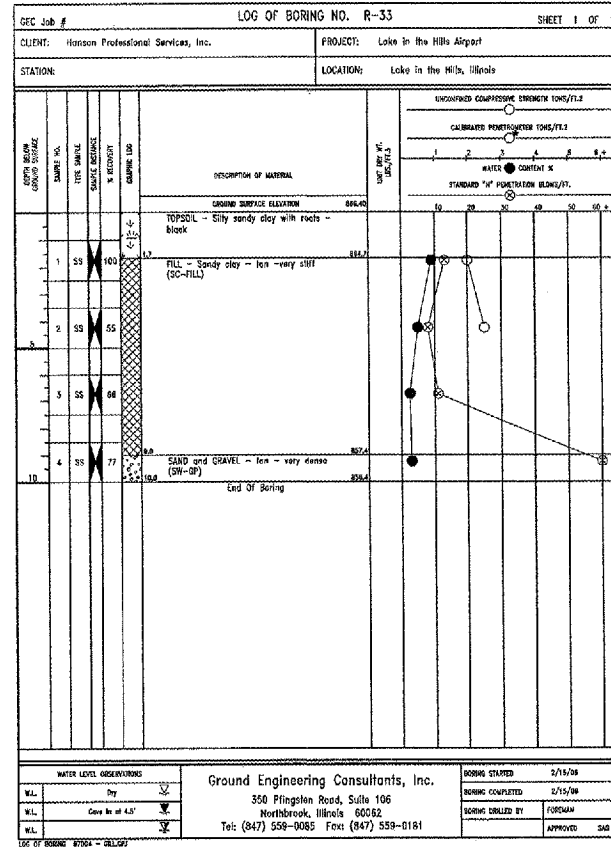
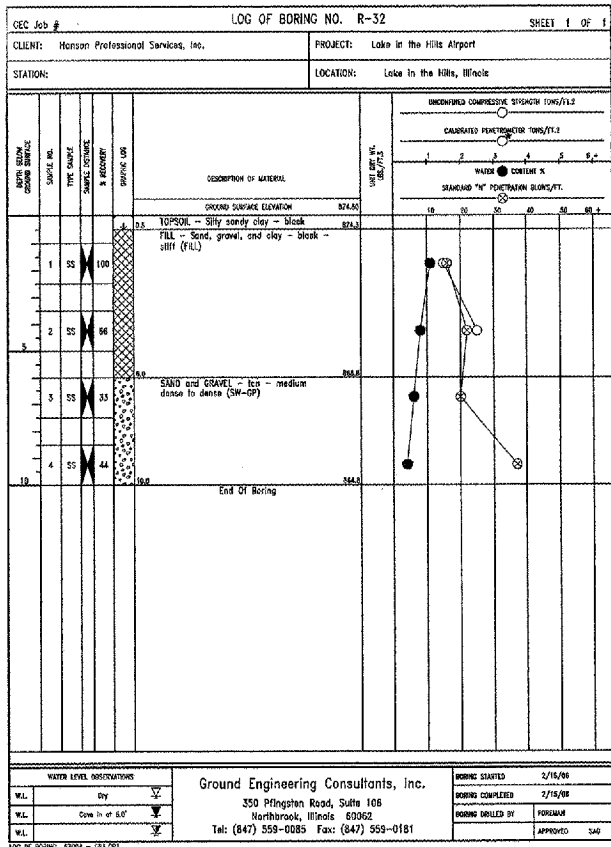
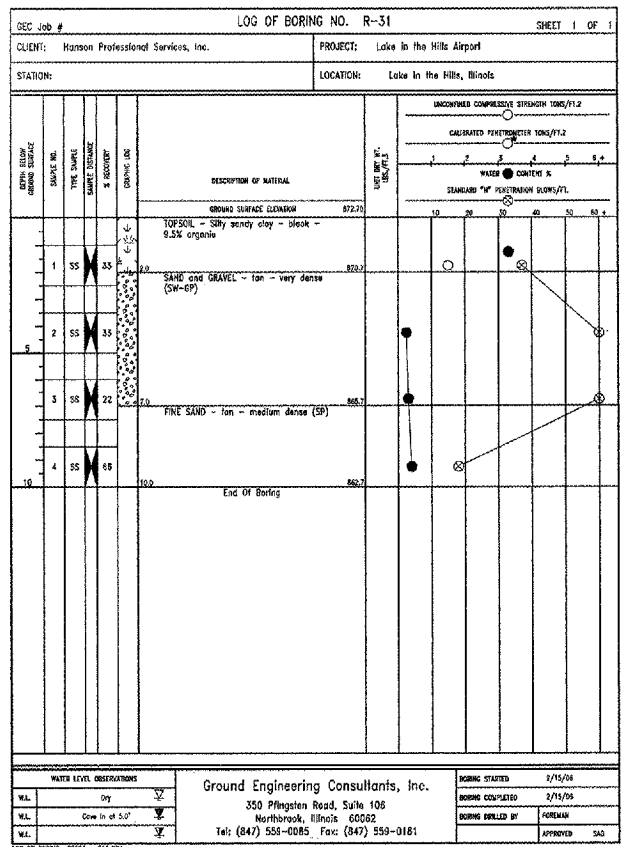


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PLOT DATE = 02/27/2008, 09:32 AM	DATE - 02/29/08	REVISED -	FEDERAL AIP NO. 3-17-0112-88			ILLINOIS	IDA NO. 3CK-3671	

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