

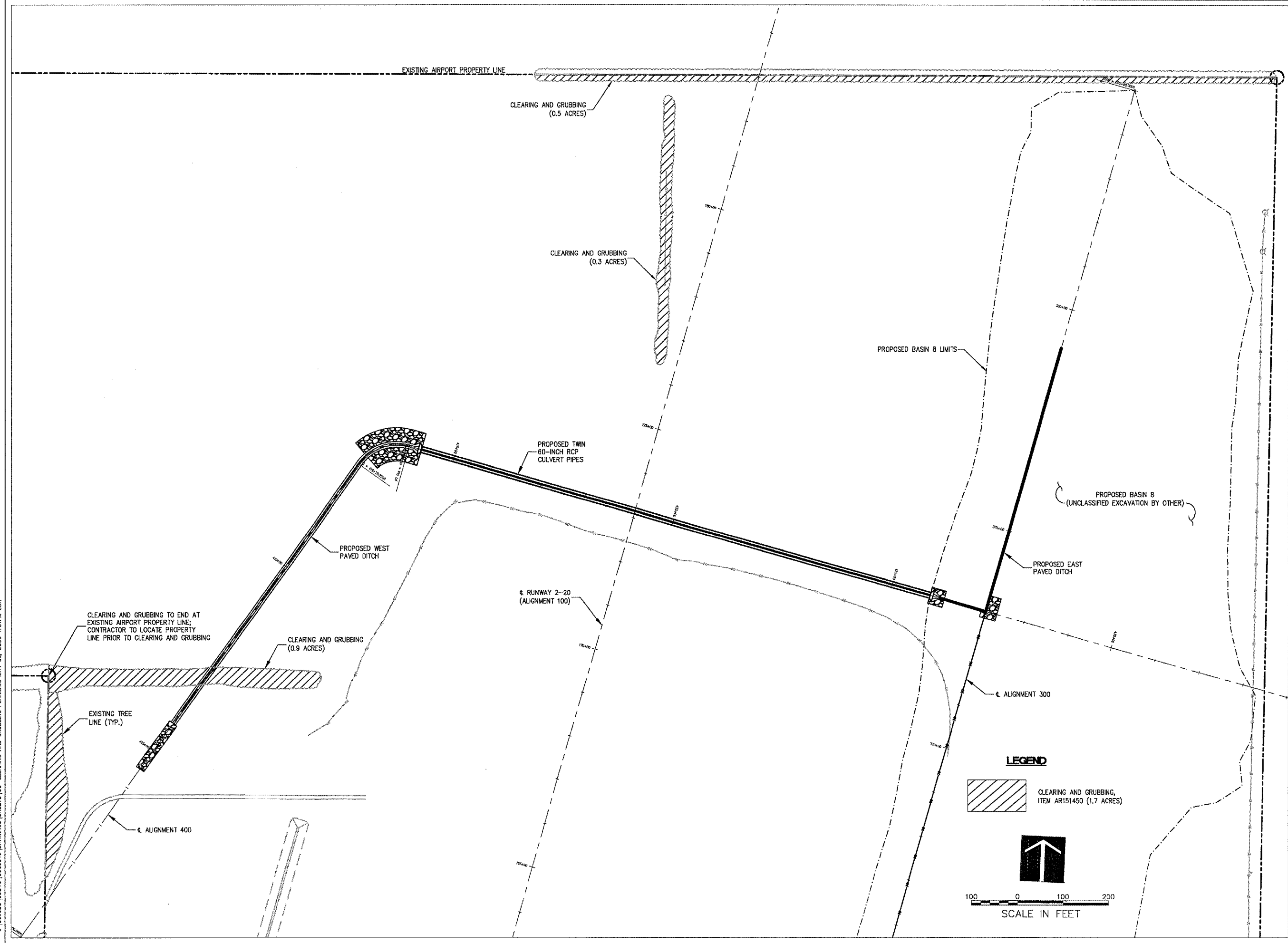


HANSON PROFESSIONAL SERVICES INC.
815 Commerce Drive, Suite 200
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Telephone: 630.990.3800
Fax: 630.990.3801

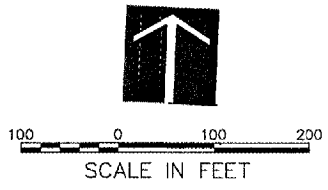


JOLIET REGIONAL PORT DISTRICT
1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



LEGEND
CLEARING AND GRUBBING,
ITEM AR151450 (1.7 ACRES)



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

CLEARING AND GRUBBING PLAN

840-05C8046
Project Number
LDH 12/19/05
Layout By Date
LDH 12/19/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By Sheet No.

F:\05\085\00840\05C8046\DRAWINGS\05-CLEARING AND GRUBBING PLAN\MAY 05, 2006 1:31PM LDH



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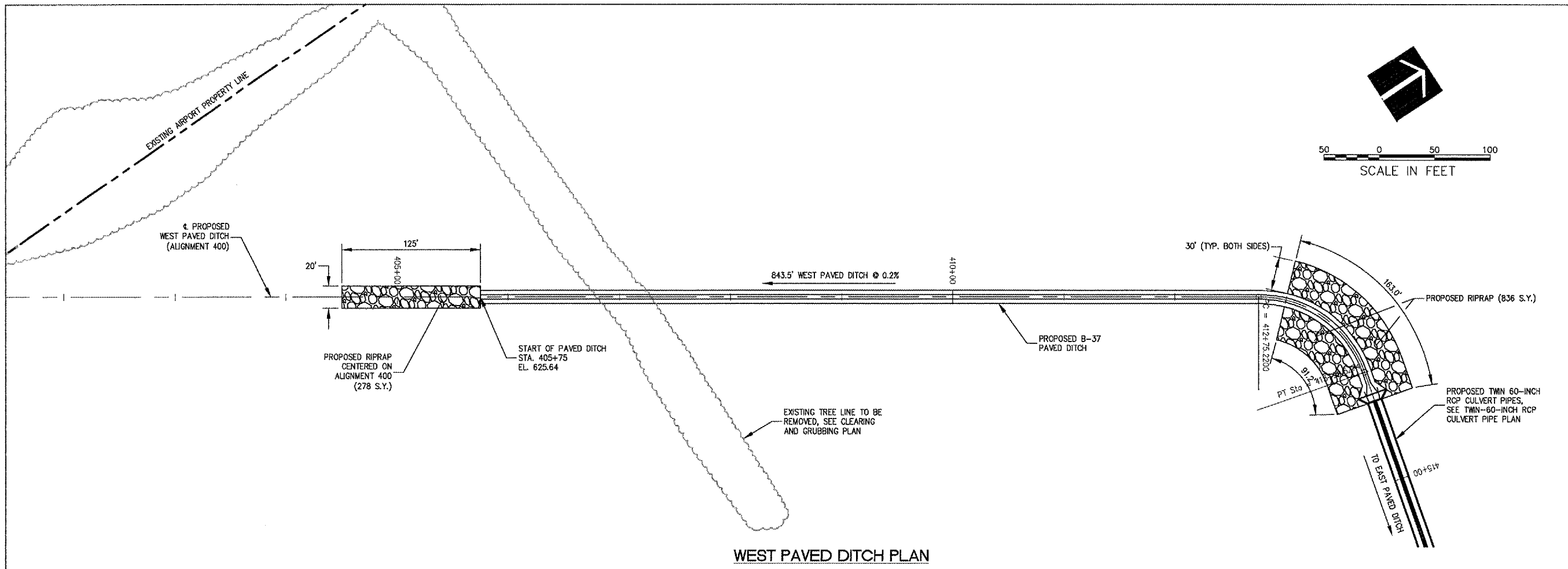


JOLIET REGIONAL PORT DISTRICT

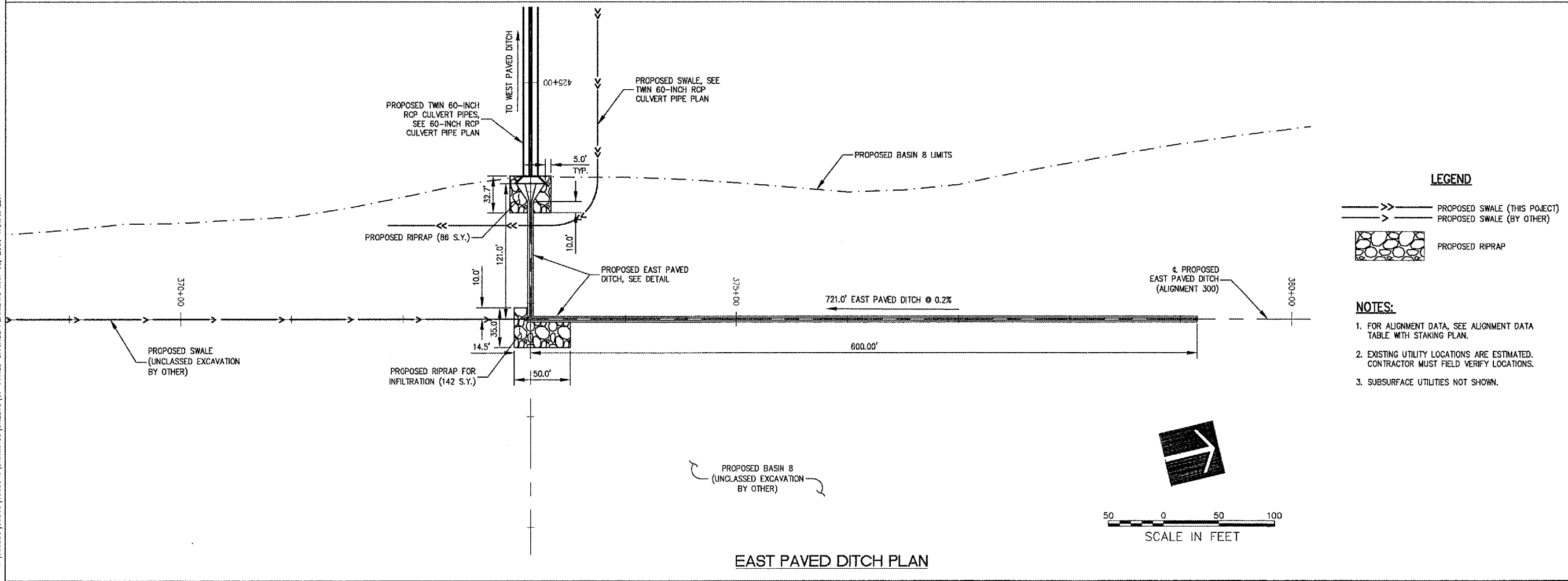
1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

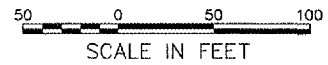
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



WEST PAVED DITCH PLAN



EAST PAVED DITCH PLAN



LEGEND

- >> PROPOSED SWALE (THIS PROJECT)
- > PROPOSED SWALE (BY OTHER)
- [Riprap symbol] PROPOSED RIPRAP

NOTES:

1. FOR ALIGNMENT DATA, SEE ALIGNMENT DATA TABLE WITH STAKING PLAN.
2. EXISTING UTILITY LOCATIONS ARE ESTIMATED. CONTRACTOR MUST FIELD VERIFY LOCATIONS.
3. SUBSURFACE UTILITIES NOT SHOWN.

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**EAST AND WEST PAVED DITCH PLAN
ALIGNMENT 300 AND
ALIGNMENT 400**

840-05C8046	Project Number
LDH	01/12/06
LDH	01/12/06
CRC	05/05/06
LDH	

4: [05/05/06] [00840] [02C8046] [DRAININGS] [SHEETS] [07-PAVED DITCHES PLANNING] [MAY 08, 2006 1:51PM] LDH



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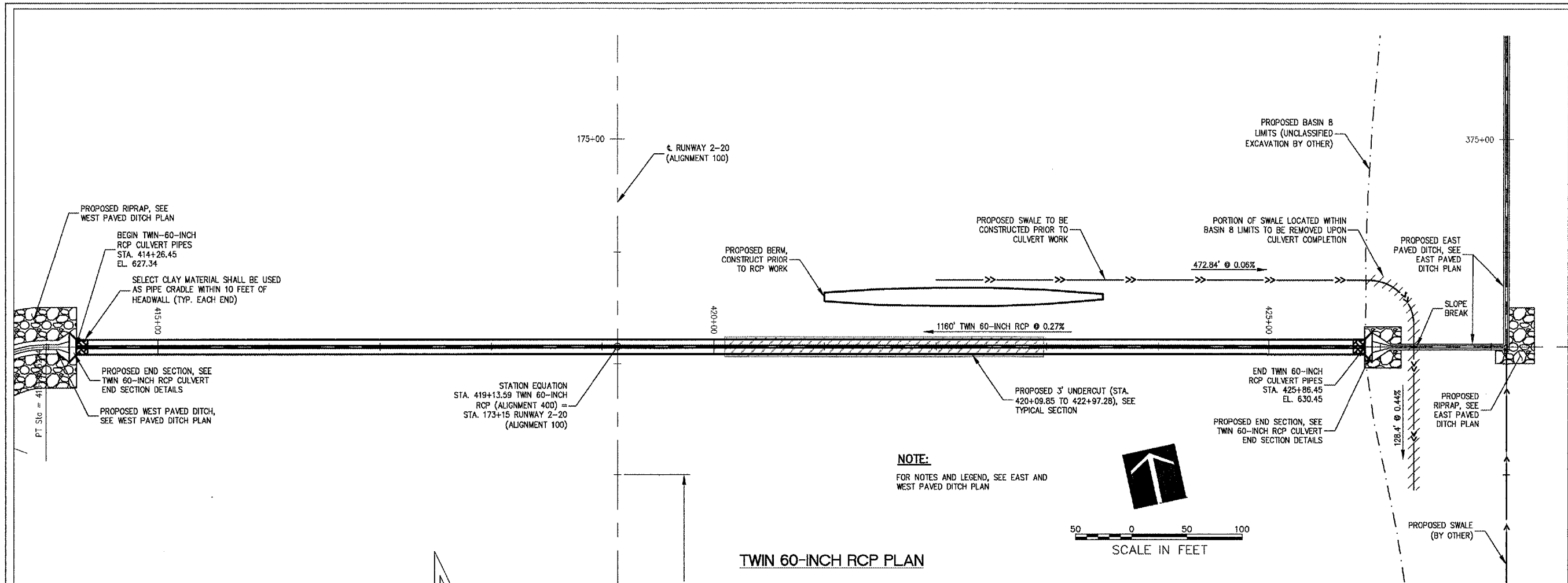


JOLIET REGIONAL PORT DISTRICT

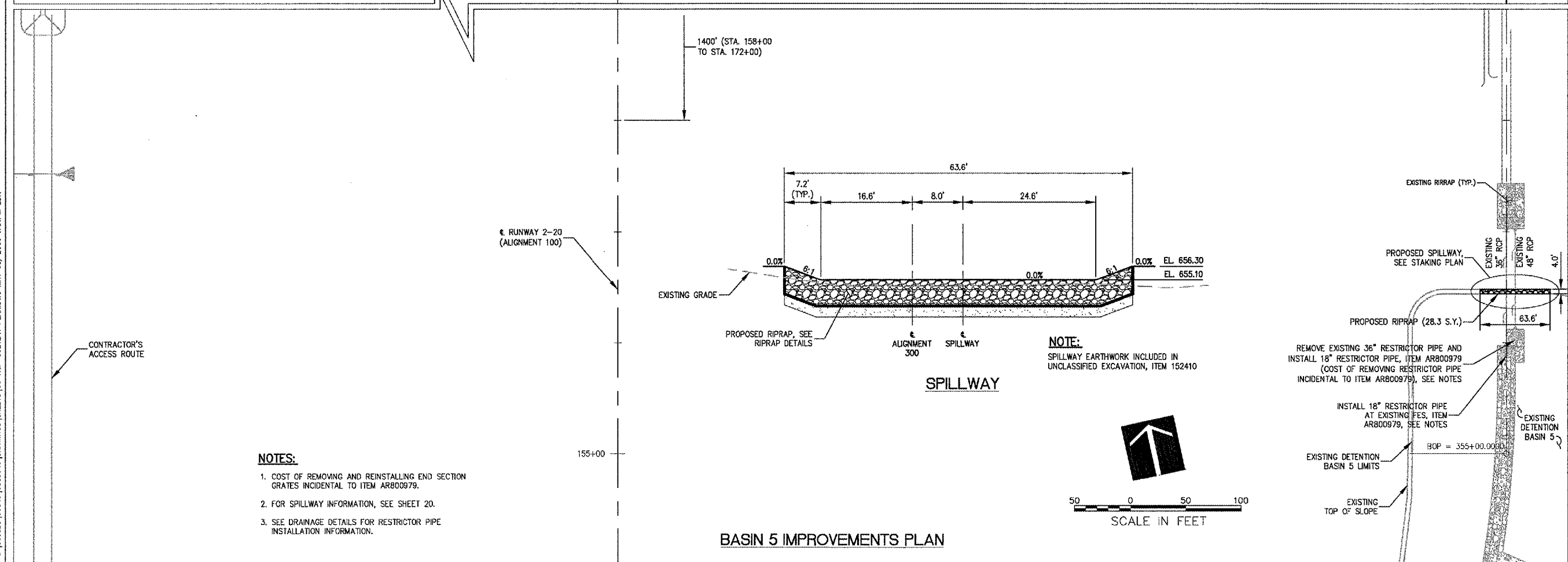
1 Hangar Road
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



TWIN 60-INCH RCP PLAN



BASIN 5 IMPROVEMENTS PLAN

- NOTES:**
1. COST OF REMOVING AND REINSTALLING END SECTION GRATES INCIDENTAL TO ITEM AR800979.
 2. FOR SPILLWAY INFORMATION, SEE SHEET 20.
 3. SEE DRAINAGE DETAILS FOR RESTRICTOR PIPE INSTALLATION INFORMATION.

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**TWIN 60-INCH RCP
CULVERT PIPES
AND BASIN 5
IMPROVEMENTS PLAN**

840-05C8046
Project Number
LDH 01/12/06
Layout By Date
LDH 01/12/06
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By Sheet No.

P:\05\005\00640\DRAWINGS\SHEETS\06-RCP\CULVERT PLAN\LDH.MAY 08, 2006 1:51PM LDH



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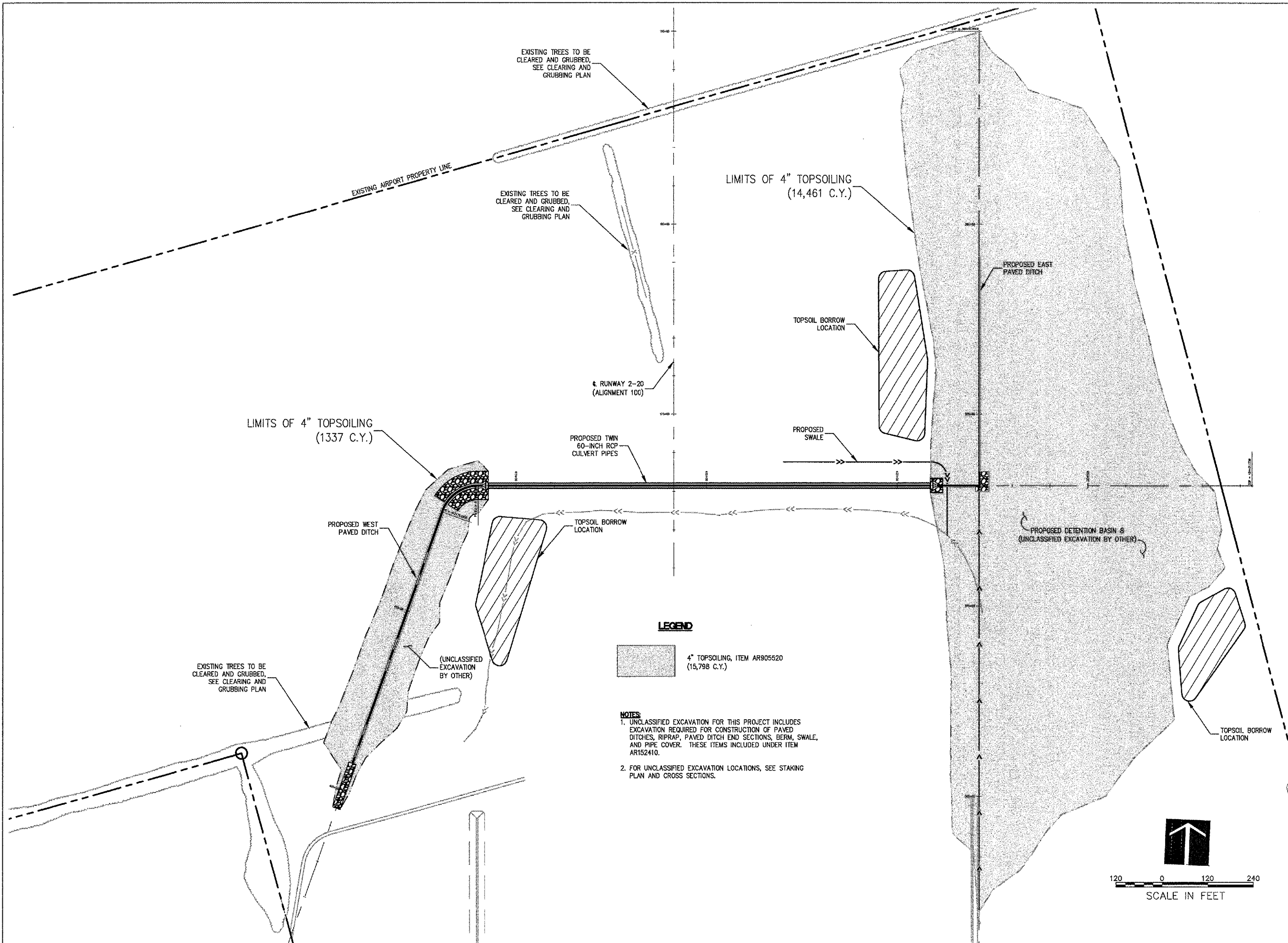


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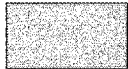
1 Hangar Road
Romeoville, Illinois 60446
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Fax: 815.838.9524

**CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS**

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

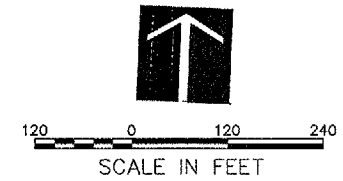


LEGEND

 4" TOPSOILING, ITEM AR905520 (15,798 C.Y.)

NOTES

- 1. UNCLASSIFIED EXCAVATION FOR THIS PROJECT INCLUDES EXCAVATION REQUIRED FOR CONSTRUCTION OF PAVED DITCHES, RIPRAP, PAVED DITCH END SECTIONS, BERM, SWALE, AND PIPE COVER. THESE ITEMS INCLUDED UNDER ITEM AR152410.
- 2. FOR UNCLASSIFIED EXCAVATION LOCATIONS, SEE STAKING PLAN AND CROSS SECTIONS.



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

TOPSOIL LIMITS PLAN

840-05C8046
 Project Number
 LDH 12/19/05
 Layout By Date
 LDH 12/19/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By

I:\05\085\00840\02C8046\DRAWINGS\SHEETS\00-TOPSOIL LIMITS PLAN.DWG MAY 08, 2006 1:51PM LDH



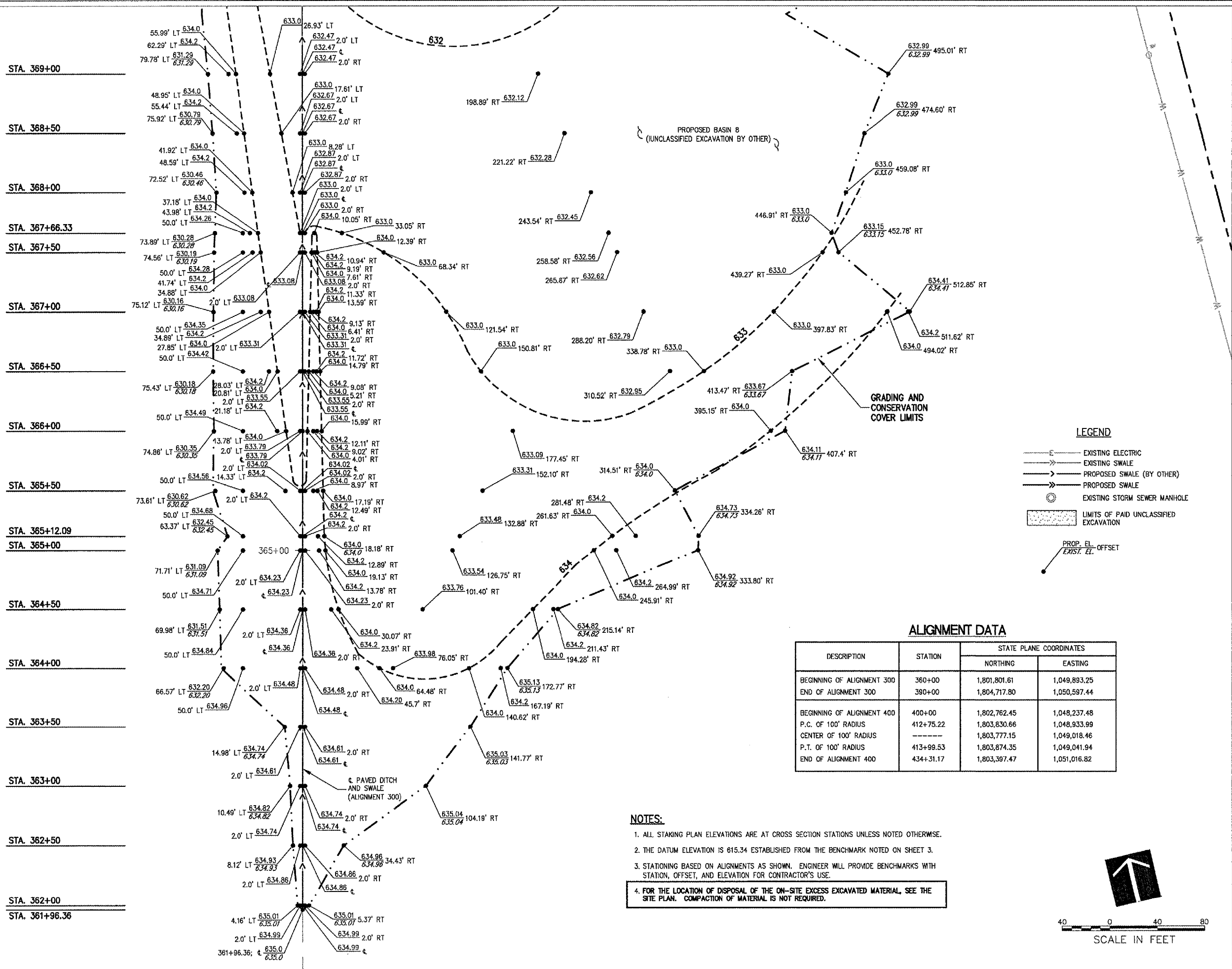
HANSON PROFESSIONAL SERVICES INC.
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



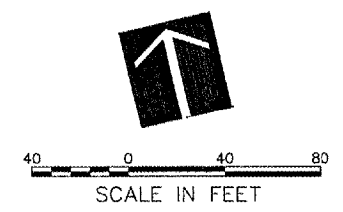
LEGEND

- E — EXISTING ELECTRIC
- S — EXISTING SWALE
- P — PROPOSED SWALE (BY OTHER)
- SW — PROPOSED SWALE
- ⊙ EXISTING STORM SEWER MANHOLE
- ▨ LIMITS OF PAID UNCLASSIFIED EXCAVATION
- PROP. EL. — OFFSET
- EXIST. EL. —

ALIGNMENT DATA

DESCRIPTION	STATION	STATE PLANE COORDINATES	
		NORTHING	EASTING
BEGINNING OF ALIGNMENT 300	360+00	1,801,801.61	1,049,893.25
END OF ALIGNMENT 300	390+00	1,804,717.80	1,050,597.44
BEGINNING OF ALIGNMENT 400	400+00	1,802,762.45	1,048,237.48
P.C. OF 100' RADIUS	412+75.22	1,803,830.66	1,048,933.99
CENTER OF 100' RADIUS	-----	1,803,777.15	1,049,018.46
P.T. OF 100' RADIUS	413+99.53	1,803,874.35	1,049,041.94
END OF ALIGNMENT 400	434+31.17	1,803,397.47	1,051,016.82

- NOTES:**
- ALL STAKING PLAN ELEVATIONS ARE AT CROSS SECTION STATIONS UNLESS NOTED OTHERWISE.
 - THE DATUM ELEVATION IS 815.34 ESTABLISHED FROM THE BENCHMARK NOTED ON SHEET 3.
 - STATIONING BASED ON ALIGNMENTS AS SHOWN. ENGINEER WILL PROVIDE BENCHMARKS WITH STATION, OFFSET, AND ELEVATION FOR CONTRACTOR'S USE.
 - FOR THE LOCATION OF DISPOSAL OF THE ON-SITE EXCESS EXCAVATED MATERIAL, SEE THE SITE PLAN. COMPACTION OF MATERIAL IS NOT REQUIRED.

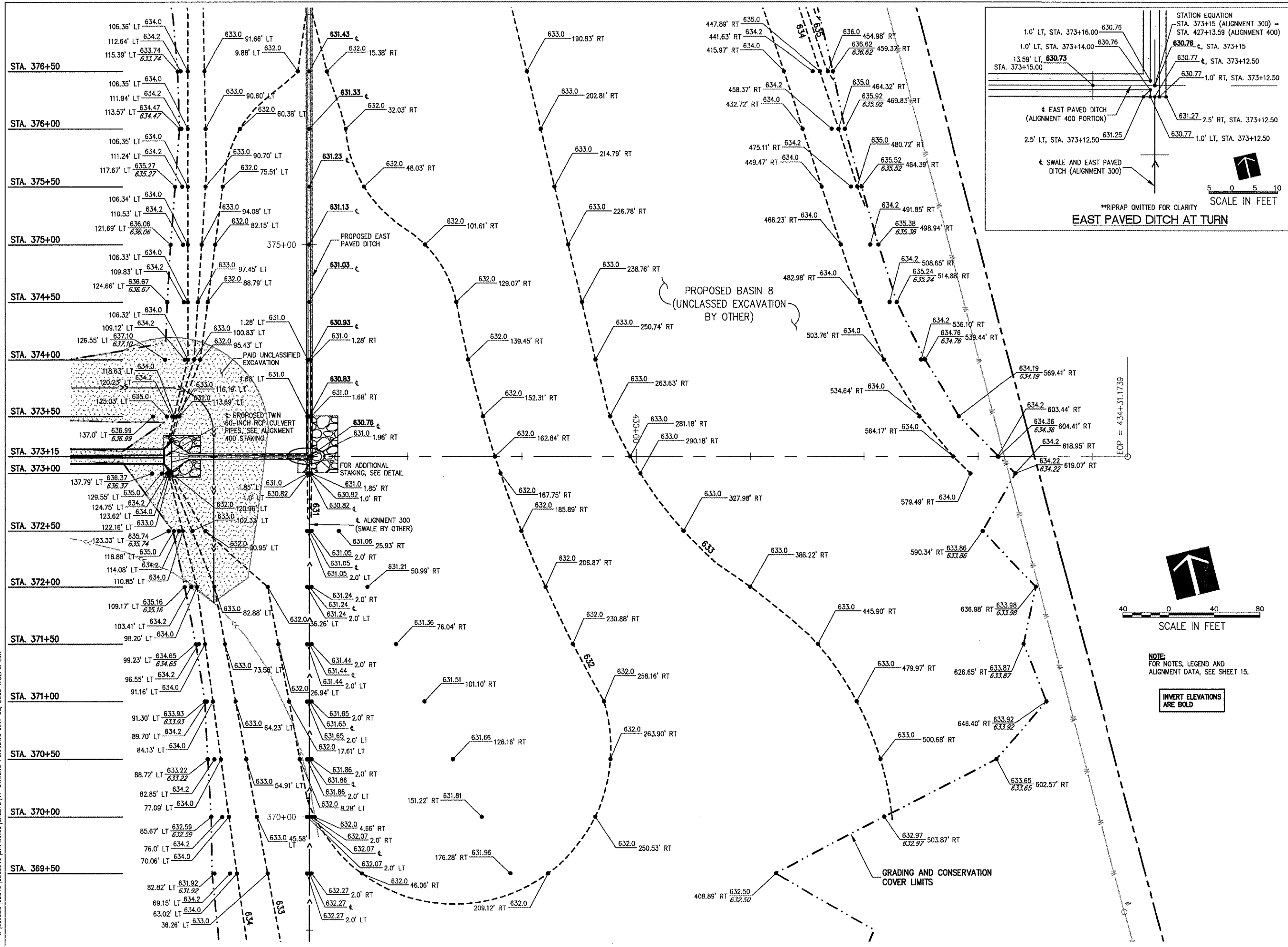


No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**STAKING PLAN
ALIGNMENT 400
STA 361+96.36 TO
STA 369+00**

840-05C8046
Project Number
LDH 10/06/05
Layout By Date
LDH 10/06/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By



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CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
 MAY 5, 2006
 Sheet Title

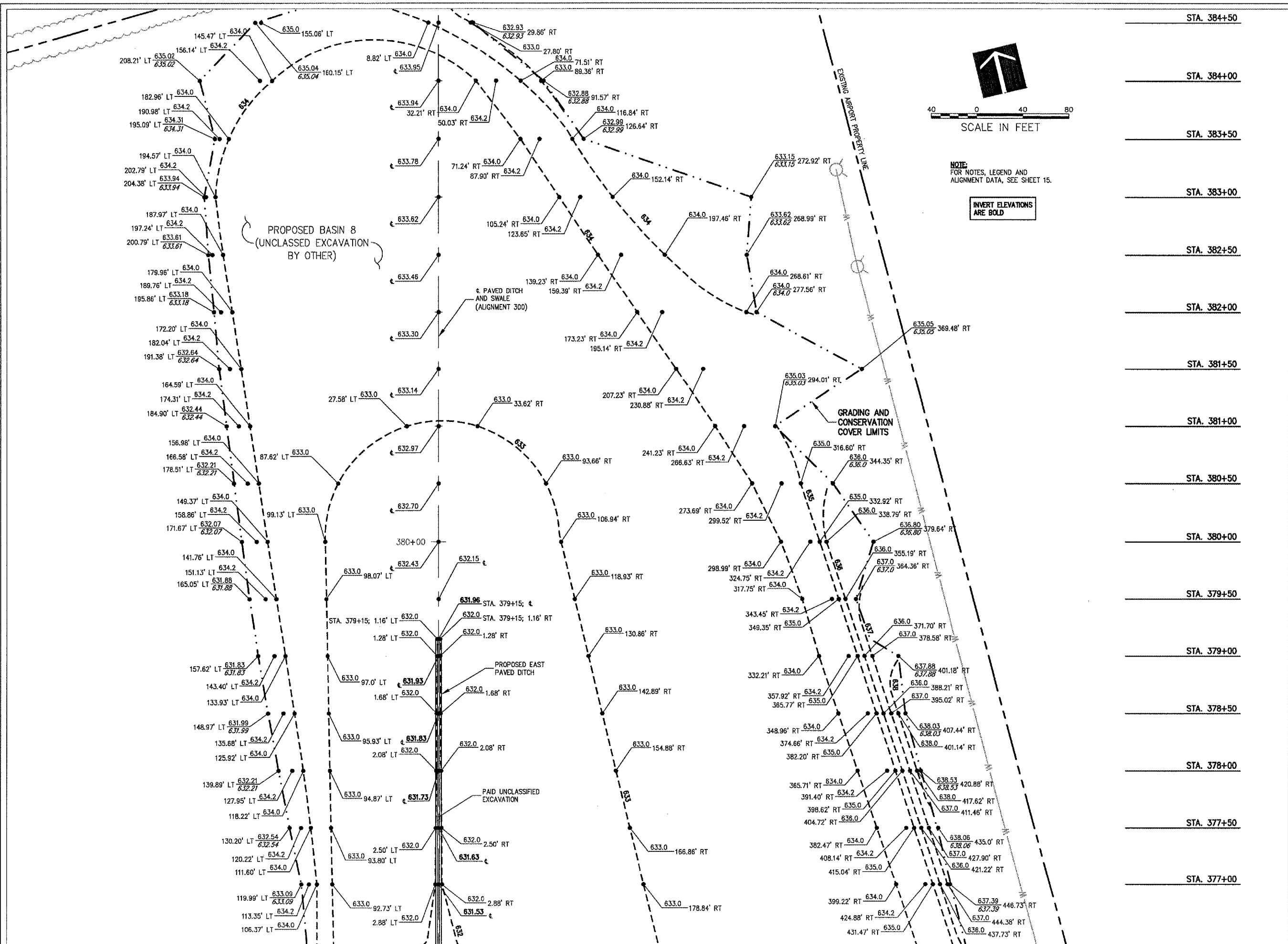
STAKING PLAN
 ALIGNMENT 400
 STA 370+50 TO STA 377+50

840-05C8046

Project Number	LDH	10/06/05
Layout By	Date	
LDH	10/06/05	
Designed By	Date	
CRC	05/05/06	
Reviewed By	Date	
LDH		
Drawn By		
		Sheet No.

A: 05/05/06 08:40 LOSCROWE [DRAWINGS] SHEETS [1]-STAKING PLANNING MAY 06, 2006 1:30PM LDH

P:\05\025\00640\05C8046\DRAWINGS\12-STAKING\PLAN\INC MAY 05 2006 11:52PM LDH



STA. 384+50
STA. 384+00
STA. 383+50
STA. 383+00
STA. 382+50
STA. 382+00
STA. 381+50
STA. 381+00
STA. 380+50
STA. 380+00
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STA. 377+00

LE037



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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

**AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596**

No.	Drawing Issue	Description	Date	By

Date
 MAY 5, 2006
 Sheet Title

**STAKING PLAN
 ALIGNMENT 400
 STA 378+00 TO STA 385+00**

840-05C8046
Project Number
LDH 12/30/05
Layout By Date
LDH 12/30/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By



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Telephone: 630.990.3800
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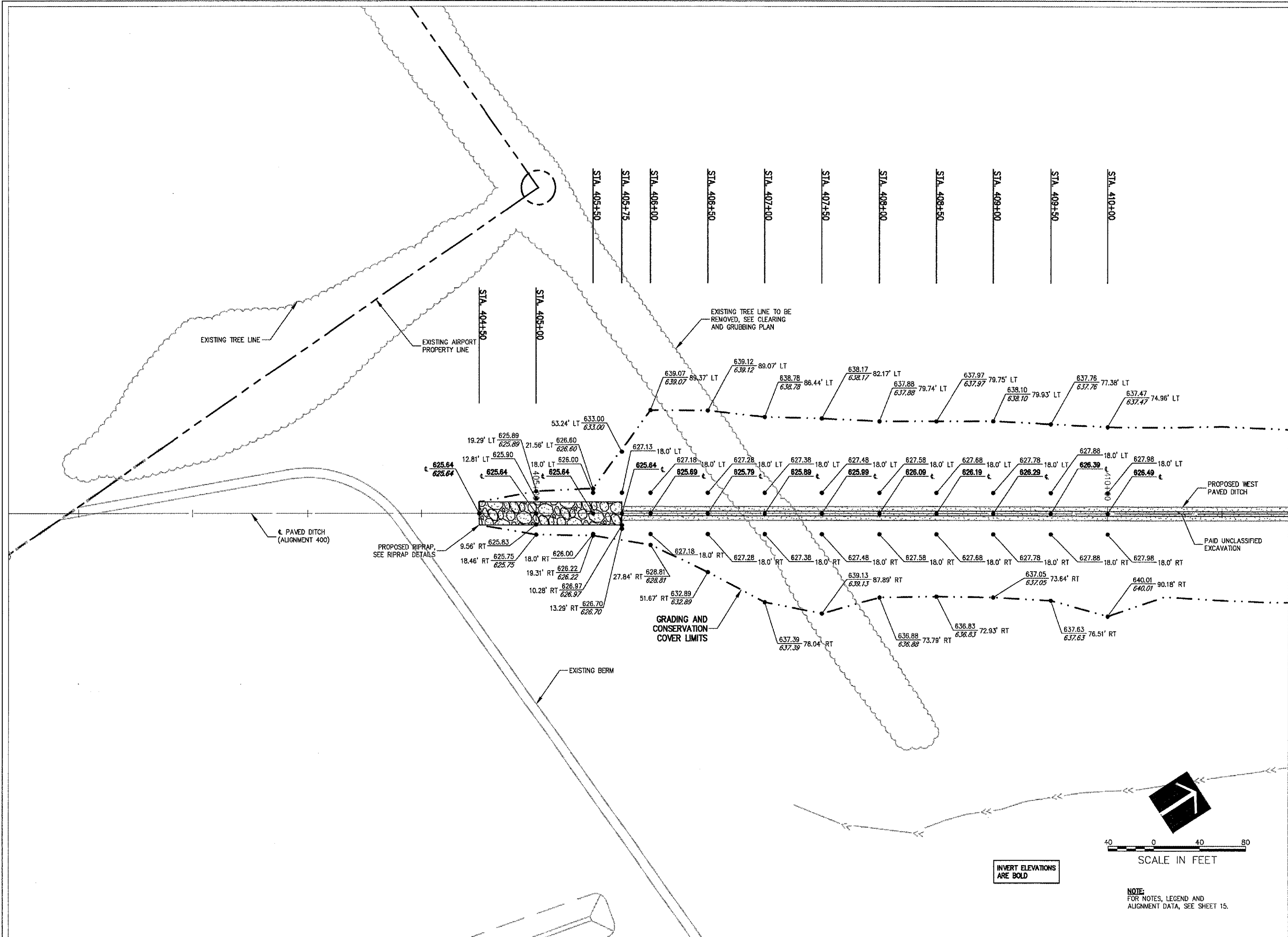


JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue	Description	Date	By

Date
MAY 5, 2006
Sheet Title

STAKING PLAN
ALIGNMENT 400
STA 400+00 TO STA 410+00

840-05C8046
Project Number
LDH 12/27/05
Layout By Date
LDH 12/27/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By Sheet No.

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LE037



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815 Commerce Drive, Suite 200
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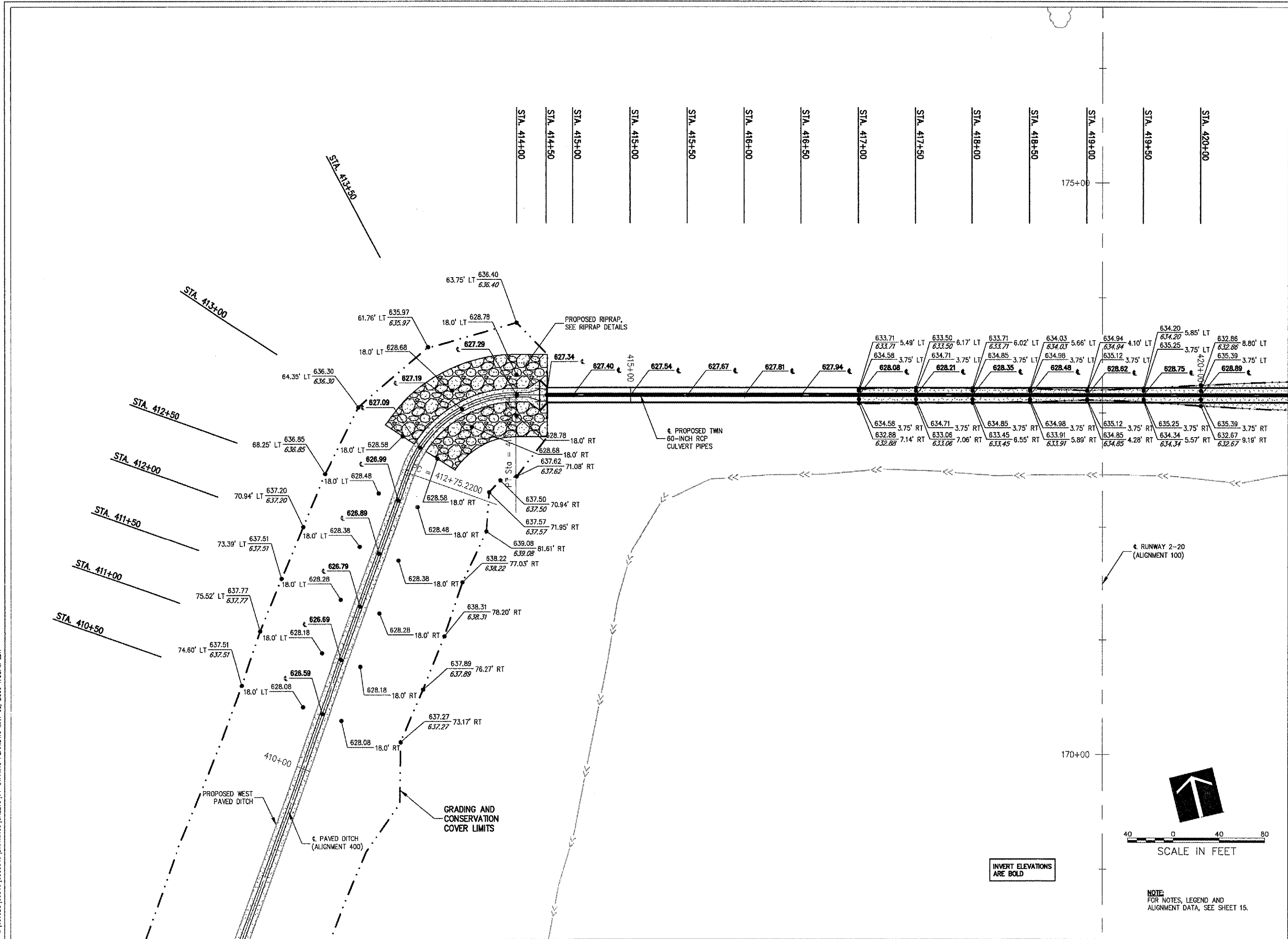


JOLIET REGIONAL PORT DISTRICT

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Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

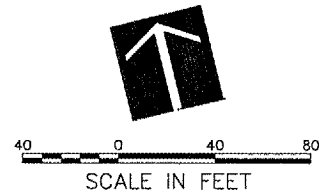
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



Runway 2-20 (Alignment 100)

170+00

175+00



**INVERT ELEVATIONS
ARE BOLD**

NOTE:
FOR NOTES, LEGEND AND
ALIGNMENT DATA, SEE SHEET 15.

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

STAKING PLAN
ALIGNMENT 400
STA 411+00 TO STA 420+00

840-05C8046
 Project Number
 LDH 12/27/05
 Layout By Date
 LDH 12/27/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By

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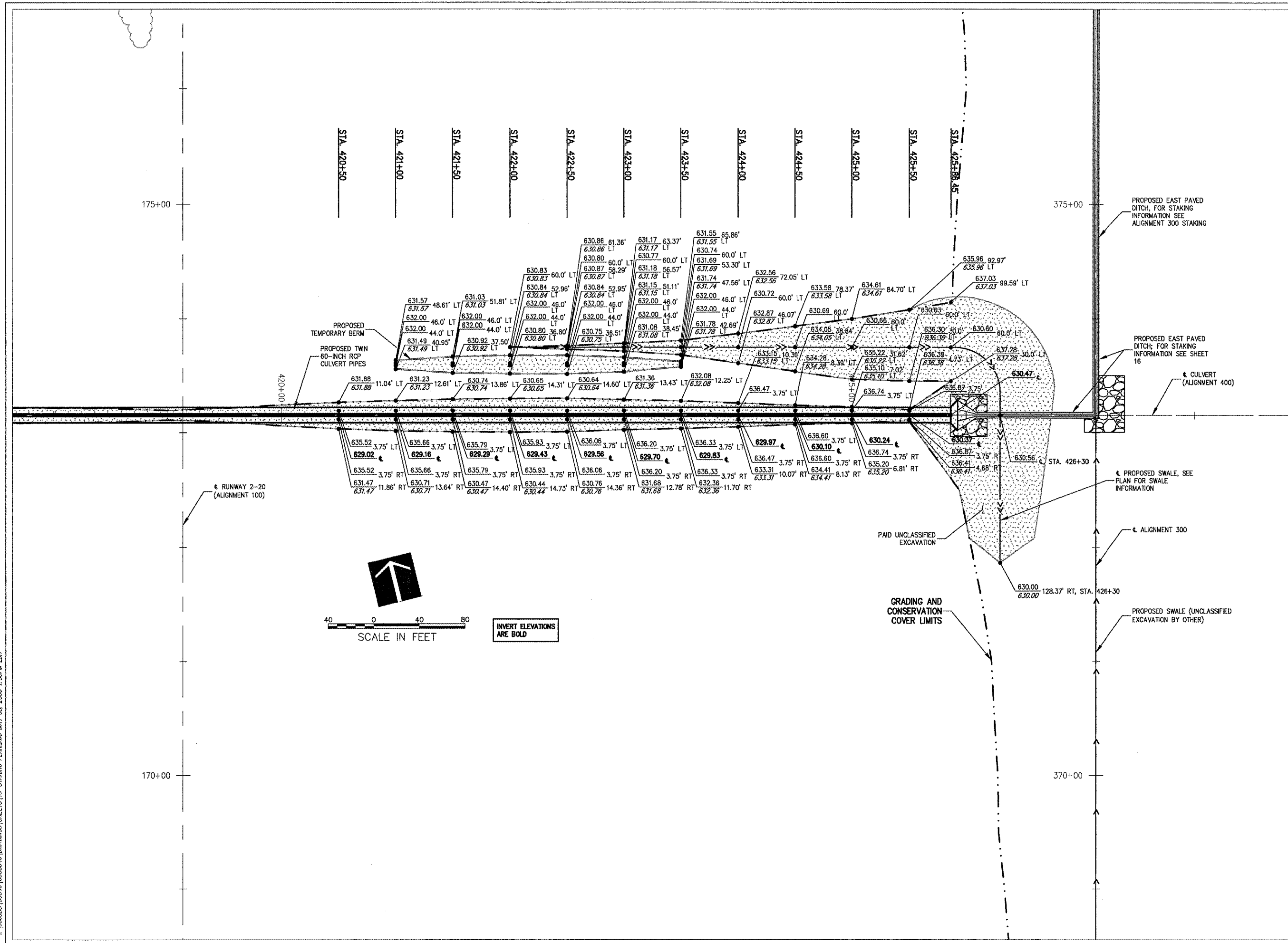


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



PROPOSED EAST PAVED
DITCH, FOR STAKING
INFORMATION SEE
ALIGNMENT 300 STAKING

PROPOSED EAST PAVED
DITCH, FOR STAKING
INFORMATION SEE SHEET
16

CULVERT
(ALIGNMENT 400)

PROPOSED SWALE, SEE
PLAN FOR SWALE
INFORMATION

ALIGNMENT 300

PROPOSED SWALE (UNCLASSIFIED
EXCAVATION BY OTHER)

PAID UNCLASSIFIED
EXCAVATION

GRADING AND
CONSERVATION
COVER LIMITS

175+00

375+00

170+00

370+00

SCALE IN FEET
0 40 80

INVERT ELEVATIONS
ARE BOLD

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**STAKING PLAN
ALIGNMENT 400
STA 421+00 TO STA 428+00
AND BASIN 5
IMPROVEMENTS**

840-05C8046
Project Number
LDH 10/06/05
Layout By Date
LDH 10/06/05
Designed By Date
RME 05/05/06
Reviewed By Date
LDH
Drawn By

P:\05C085\05C8046\DRAWINGS\DRAININGS\SHEETS\15-STAKING PLAN\DWG MAY 05, 2006 1:53PM LDH



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

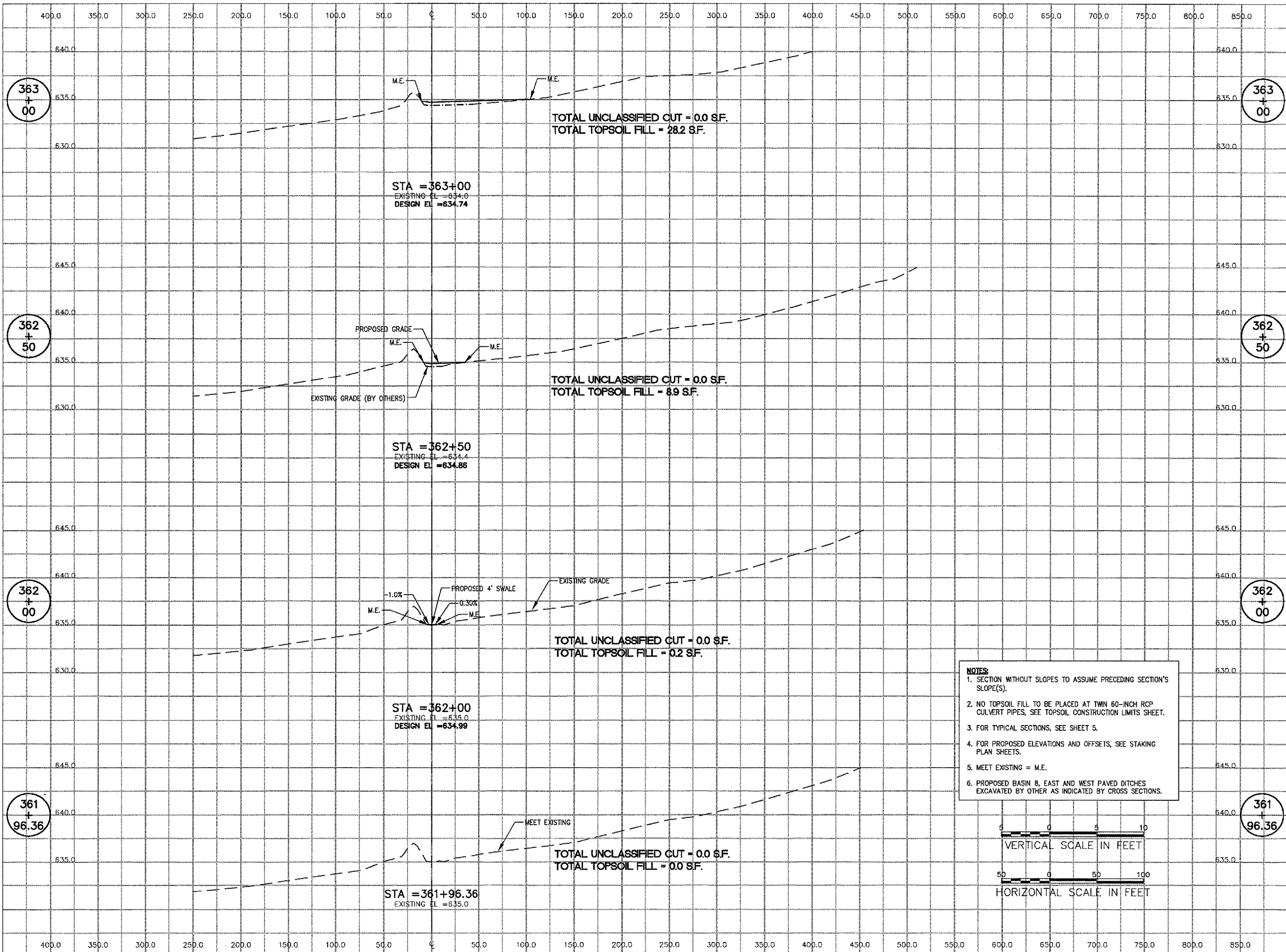
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

CROSS SECTIONS
ALIGNMENT 300
STA 361+96.36 TO
STA 363+00

840-05C8046
Project Number
LDH 01/13/06
Layout By Date
SJM/LDH 01/13/06
Designed By Date
CRC 05/05/06
Reviewed By Date
SJM | LDH | ---
Drawn By Sheet No.



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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

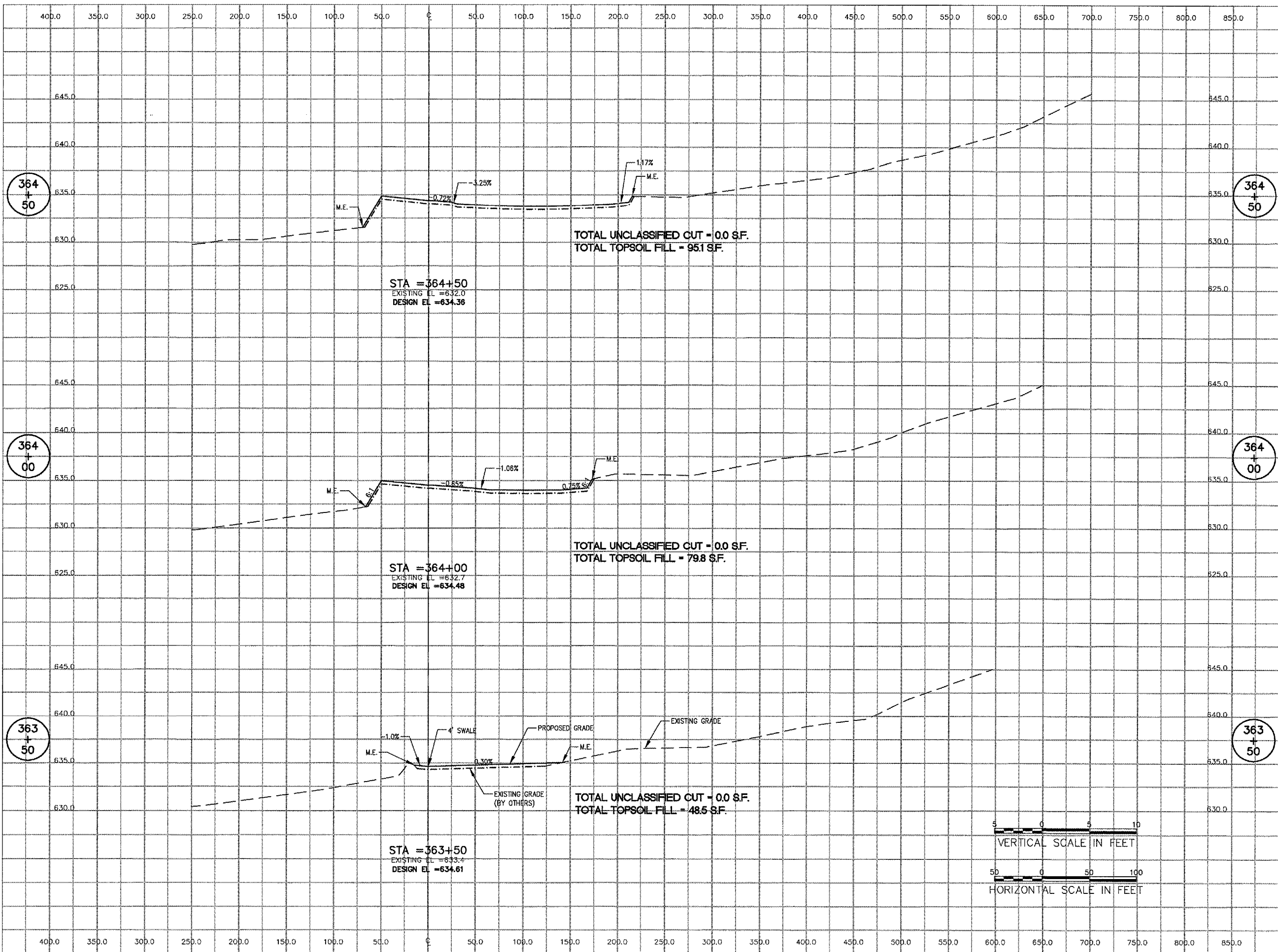
AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
 MAY 5, 2006

**CROSS SECTIONS
 ALIGNMENT 300
 STA 363+50 TO STA
 364+50**

Project Number	840-05C8046
Layout By	LDH
Date	01/13/06
Designed By	SJM/LDH
Date	01/13/06
Reviewed By	CRC
Date	05/05/06
Drawn By	SJM
Checked By	LDH
Sheet No.	17



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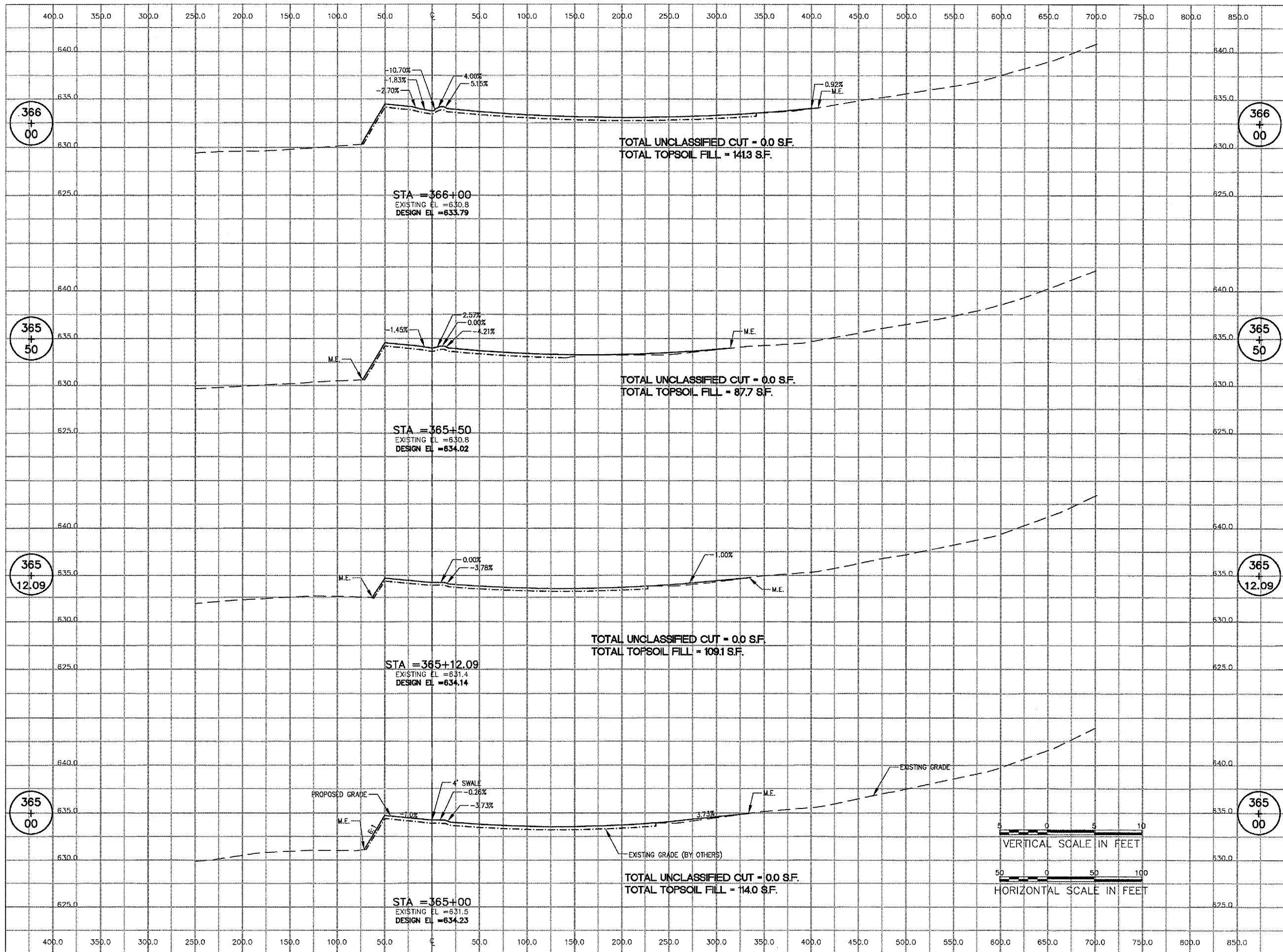


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**CROSS SECTIONS
ALIGNMENT 300
STA 365+00 TO STA
366+00**

840-05C8046
Project Number
LDH 01/13/06
Layout By Date
SJM/LDH 01/13/06
Designed By Date
CRC 05/05/06
Reviewed By Date
SJM | LDH | ---
Drawn By Sheet No.

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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

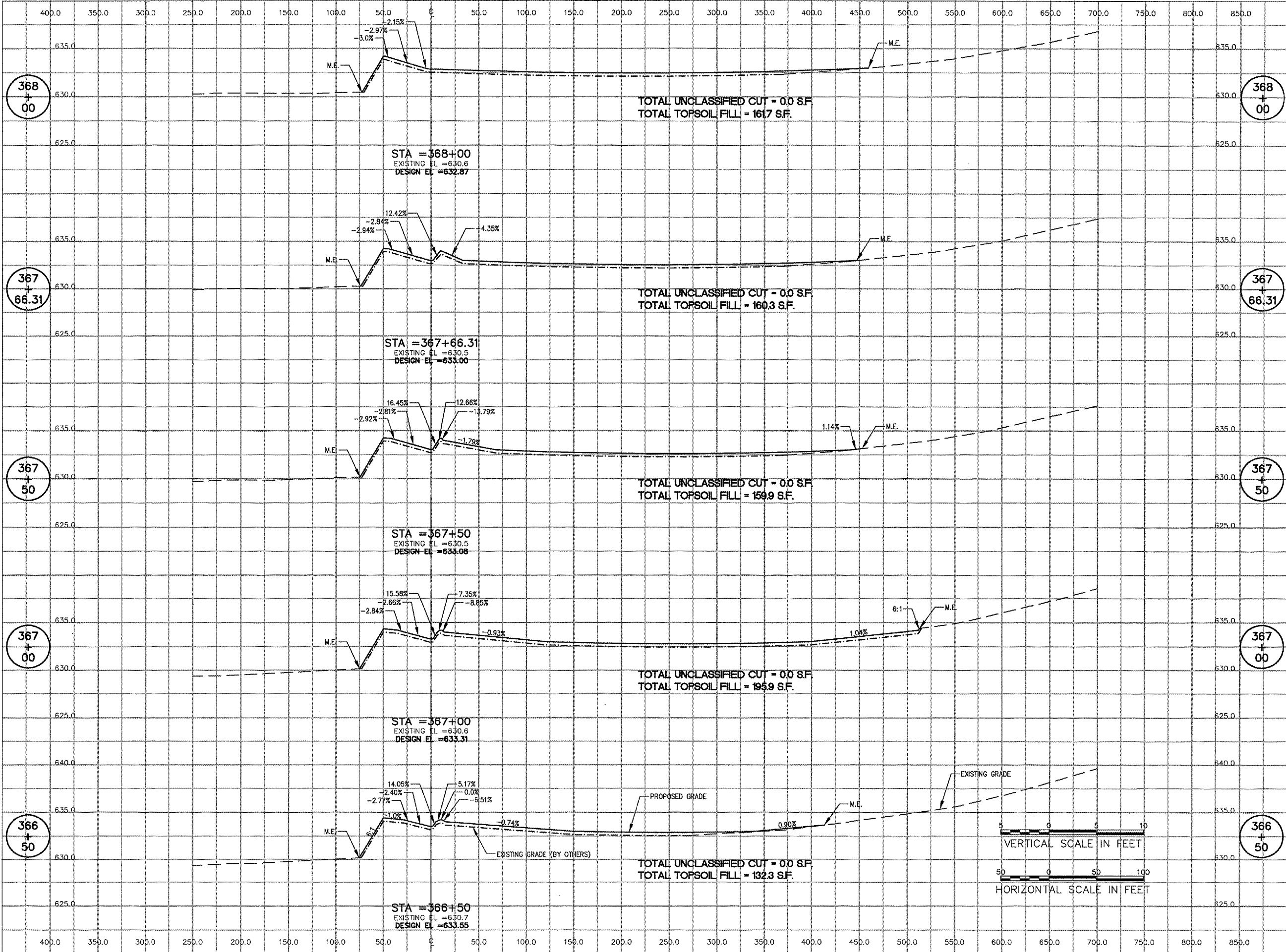
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**CROSS SECTIONS
ALIGNMENT 300
STA 366+50 TO
STA 368+00**

840-05C8046	
Project Number	
LDH	01/13/06
Layout By	Date
SJM/LDH	01/13/06
Designed By	Date
CRC	05/05/06
Reviewed By	Date
SJM	LDH
Drawn By	Sheet No.



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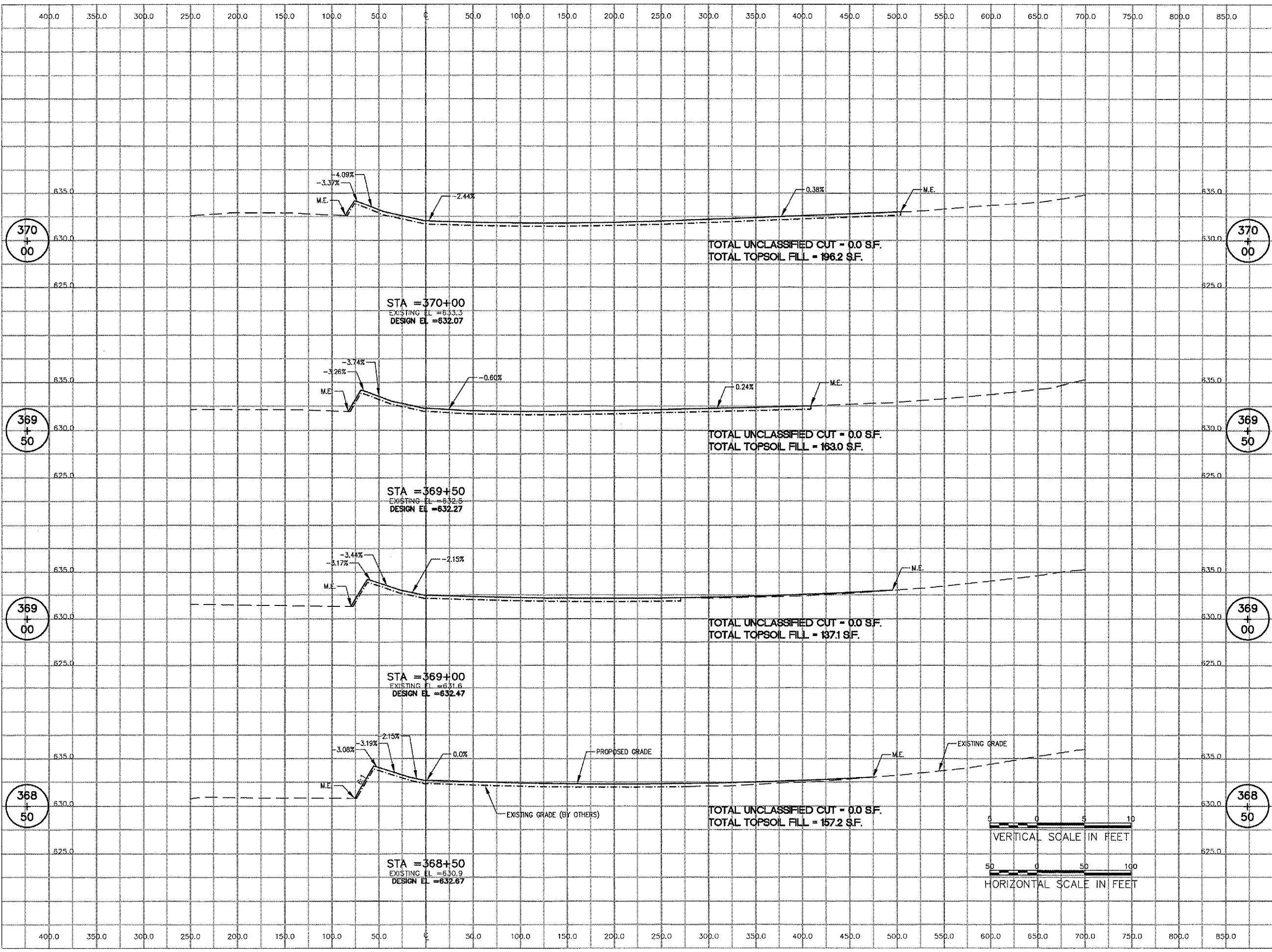
HANSON PROFESSIONAL SERVICES INC.
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CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
 Sheet Title

MAY 5, 2006
 CROSS SECTIONS
 ALIGNMENT 300
 STA 368+50 TO
 STA 370+00

840-05C8046
 Project Number
 LDH 01/13/06
 Layout By Date
 SJM/LDH 01/13/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 SJM LDH ---
 Drawn By

I:\052685\00840\05C8046\DRAWINGS\SHEETS\30-CROSS SECTIONS ALIGN 300.DWG MAY 06, 2006 1:54PM LDH



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

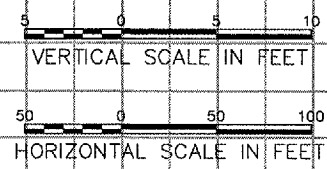
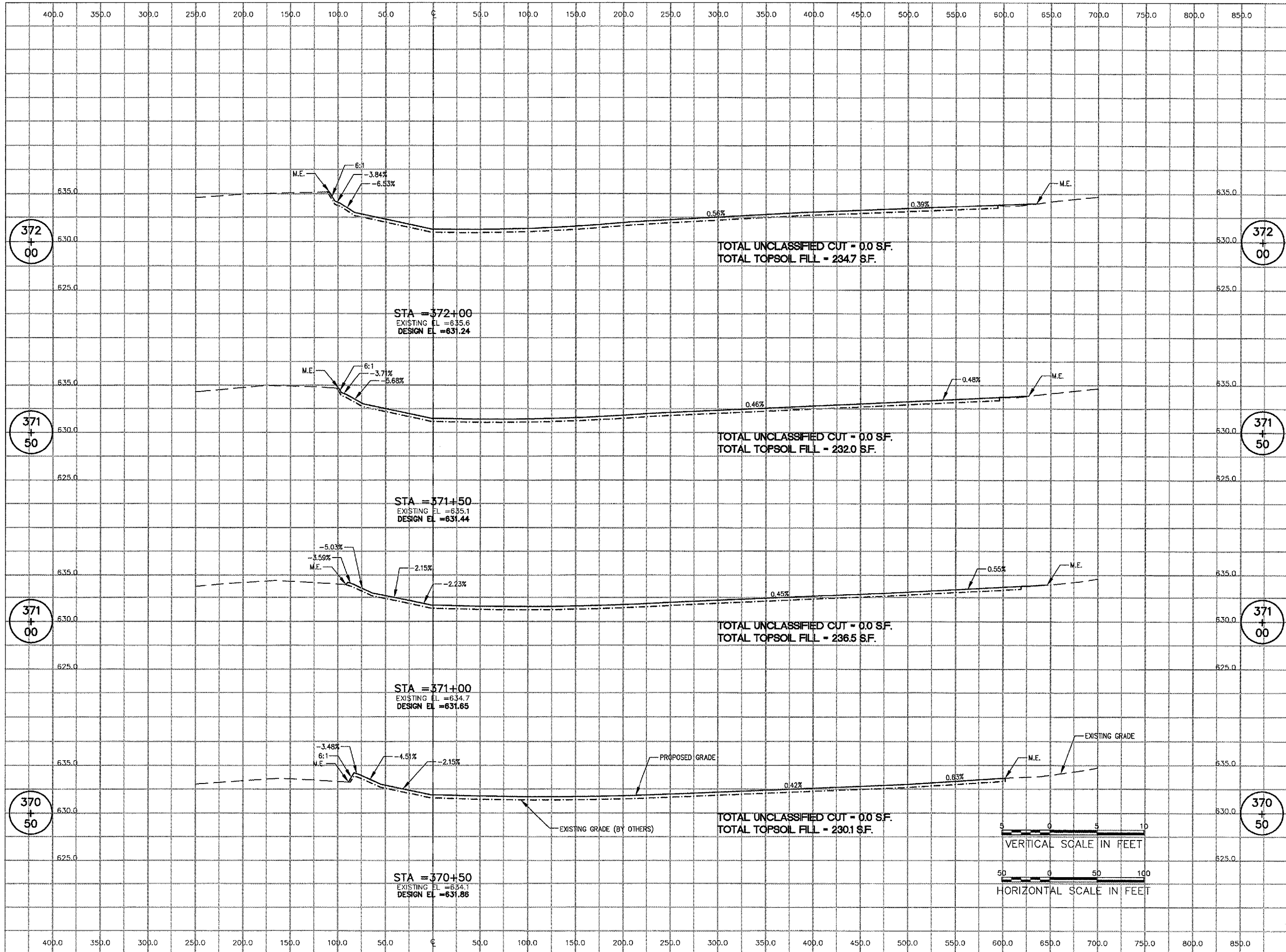
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
**CROSS SECTIONS
ALIGNMENT 300
STA 370+50 TO
STA 372+00**

840-05C8046
 Project Number
 LDH 01/13/06
 Layout By Date
 SJM/LDH 01/13/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 SJM | LDH | ---
 Drawn By Sheet No.



P:\02\0085\0084\0084\DRAWINGS\21-CROSS SECTIONS ALIGN 300.DWG MAY 08, 2006 1:54PM LDH



HANSON PROFESSIONAL SERVICES INC.

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Oak Brook, Illinois 60523
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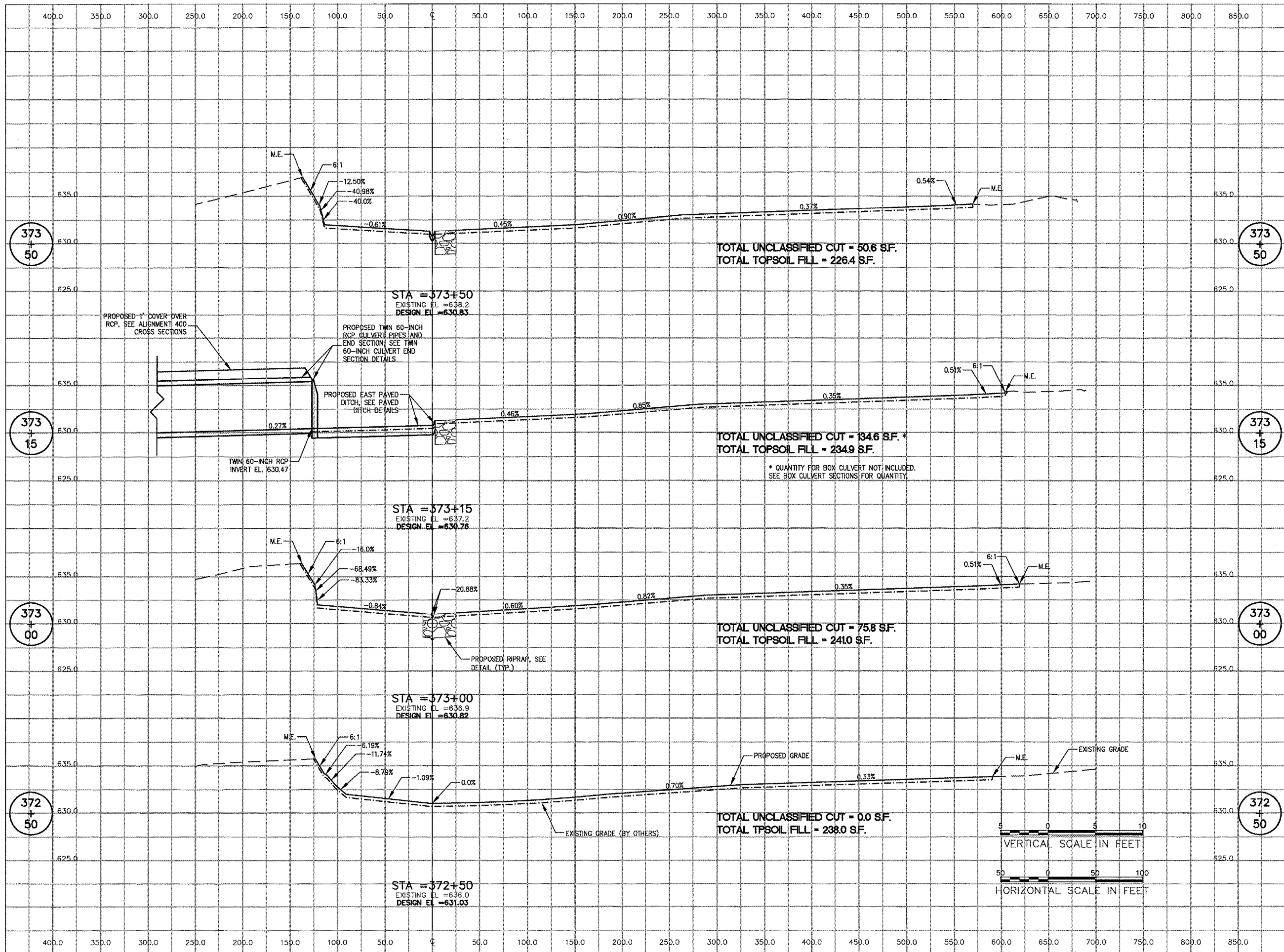


JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
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Telephone: 815.838.9497
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
CROSS SECTIONS
ALIGNMENT 300
STA 372+50 TO
STA 373+50

840-05C8046

Project Number

LDH 01/13/06
Layout By Date

SJM/LDH 01/13/06
Designed By Date

CRC 05/05/06
Reviewed By Date

SJM | LDH | ---
Drawn By

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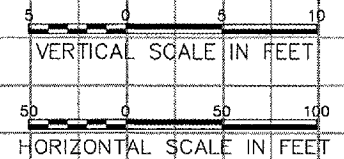
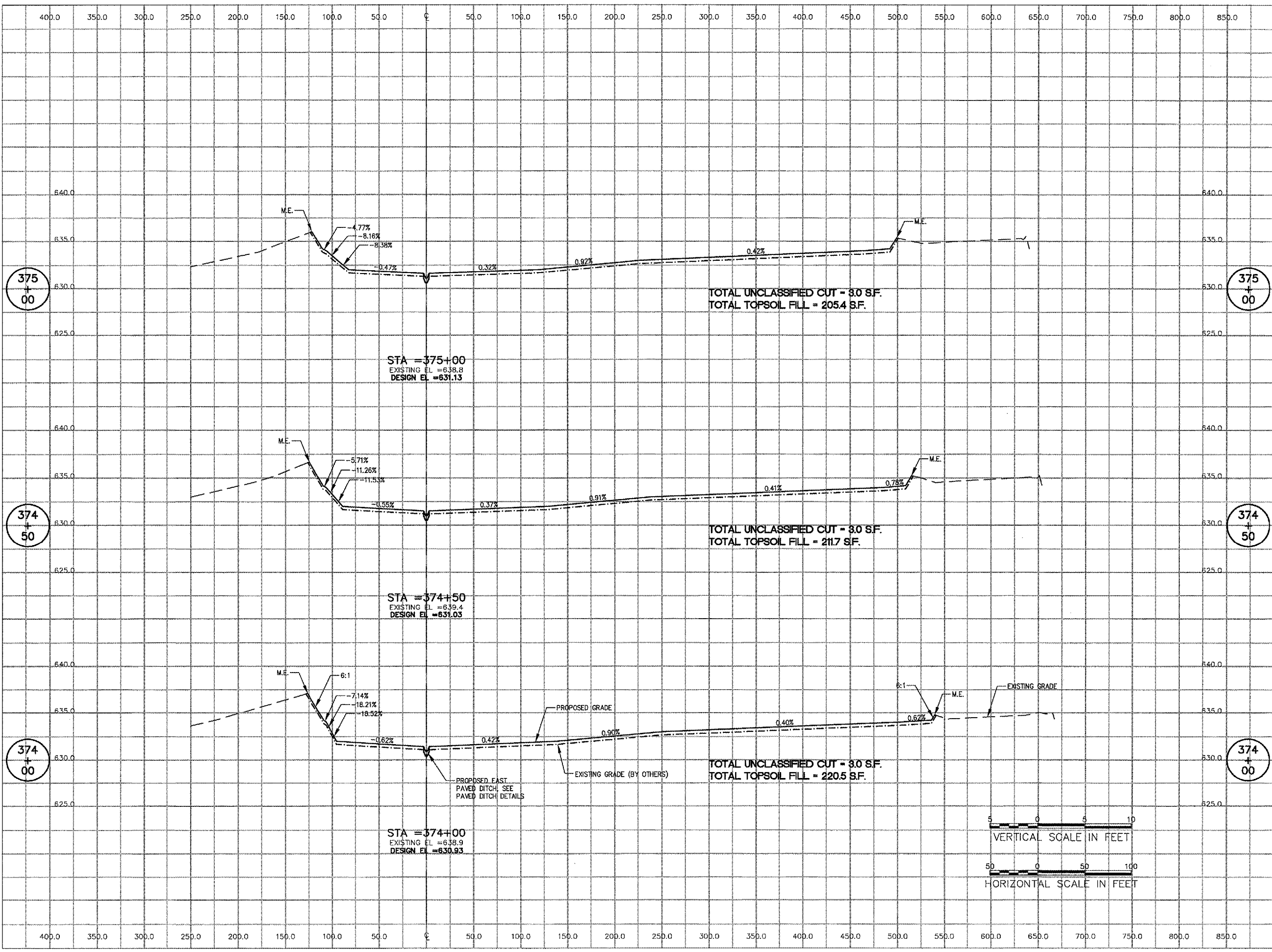


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Romeoville, Illinois 60446
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date: MAY 5, 2006
Sheet Title

CROSS SECTIONS
ALIGNMENT 300
STA 374+00 TO
STA 375+00

840-05C8046
 Project Number
 LDH 01/13/06
 Layout By Date
 SUM/LDH 01/13/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 SUM | LDH | ---
 Drawn By Sheet No.

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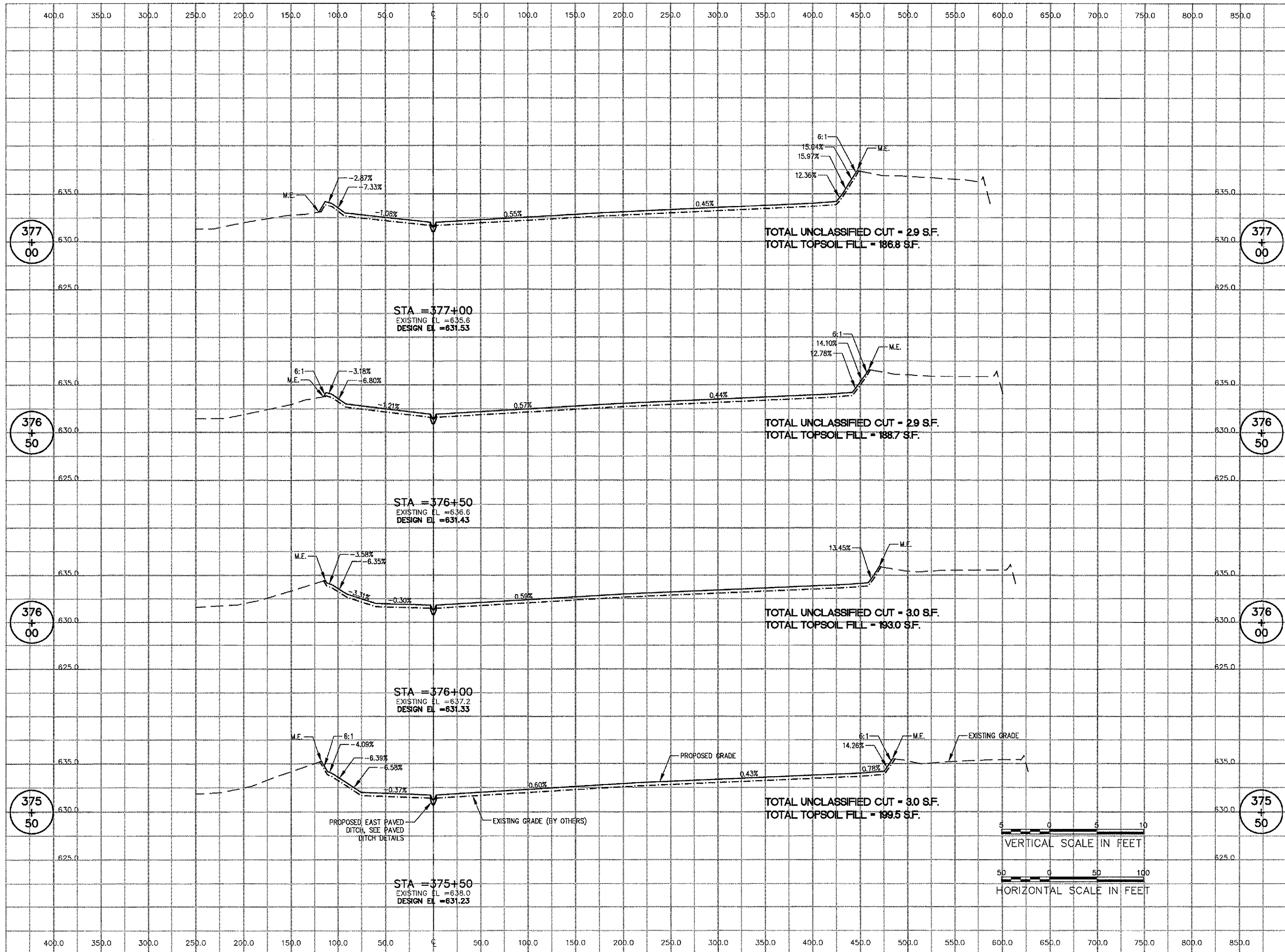


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



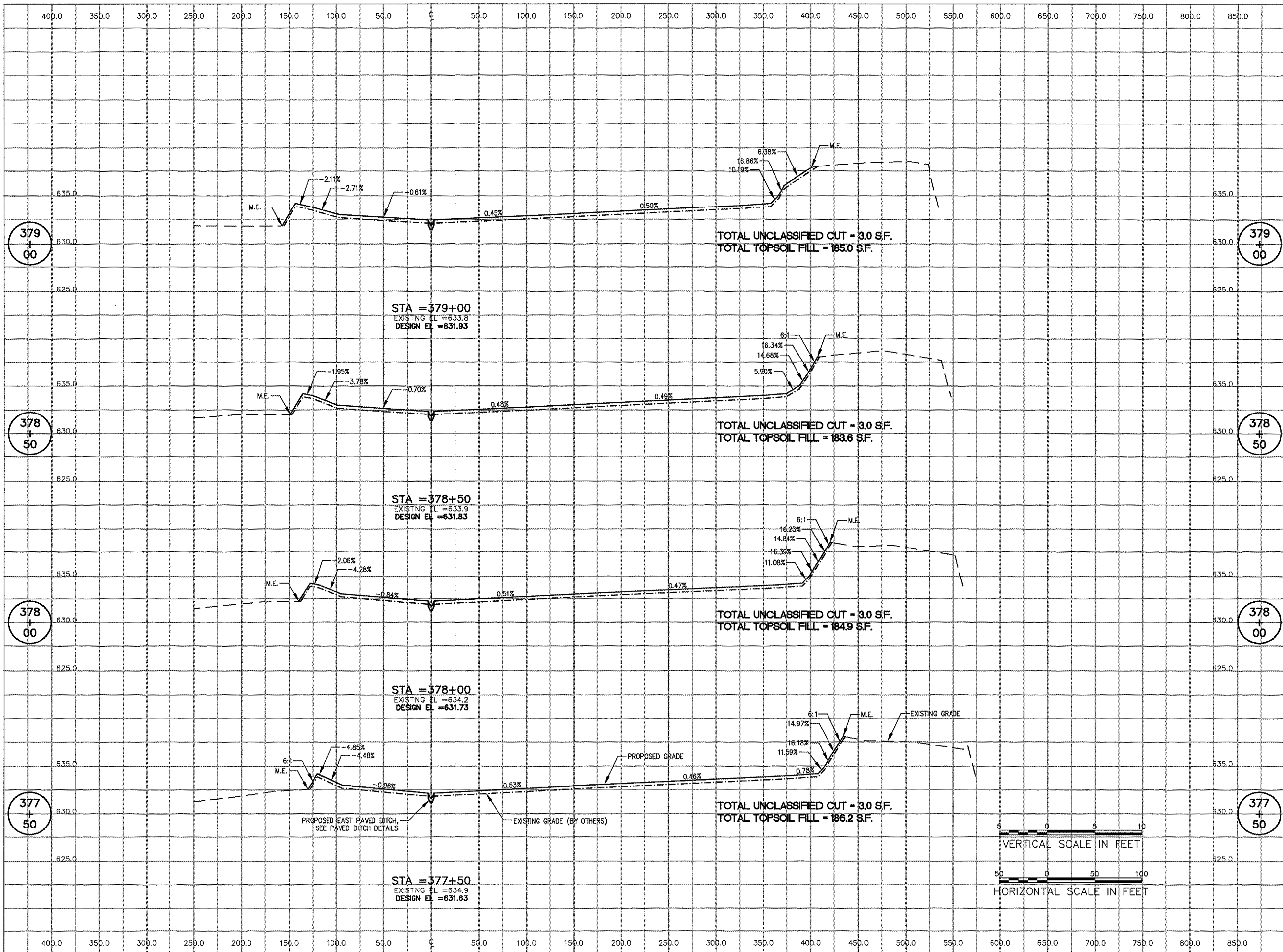
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Date
MAY 5, 2006

Sheet Title
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STA 375+50 TO
STA 377+00

840-05C8046	Project Number
LDH	01/13/06
SJM/LDH	01/13/06
CRC	05/05/06
SJM	LDH

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No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

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ALIGNMENT 300
STA 377+50 TO
STA 379+00**

840-05C8046
Project Number
LDH 01/13/06
Layout By Date
SJM/LDH 01/13/06
Designed By Date
CRC 05/05/06
Reviewed By Date
SJM LDH
Drawn By Sheet No.



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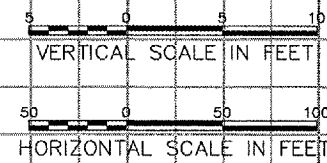
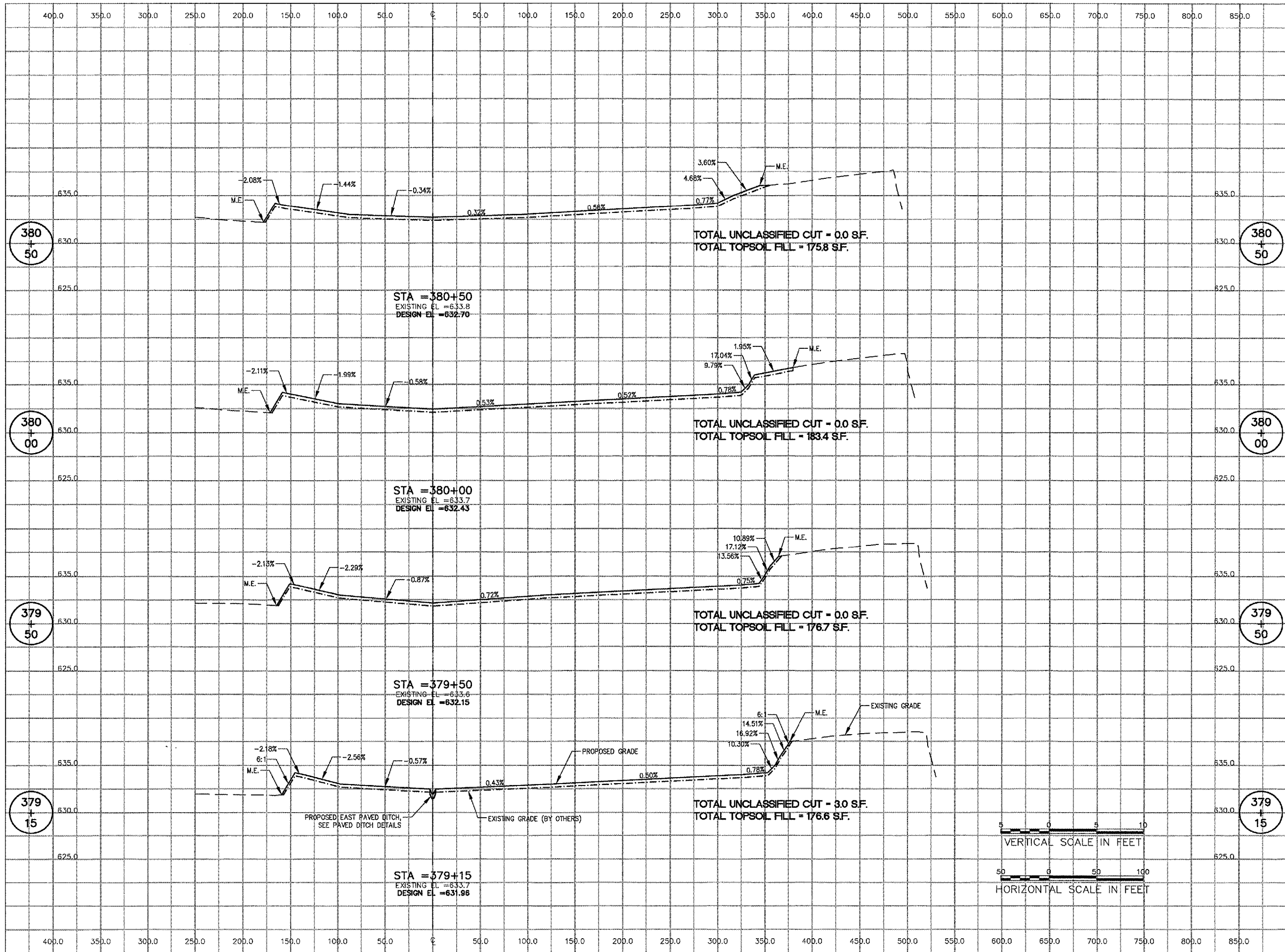


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date: MAY 5, 2006

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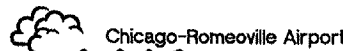
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 Layout By Date
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 CRC 05/05/06
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 Drawn By Sheet No.

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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date

MAY 5, 2006

Sheet Title

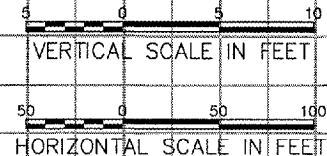
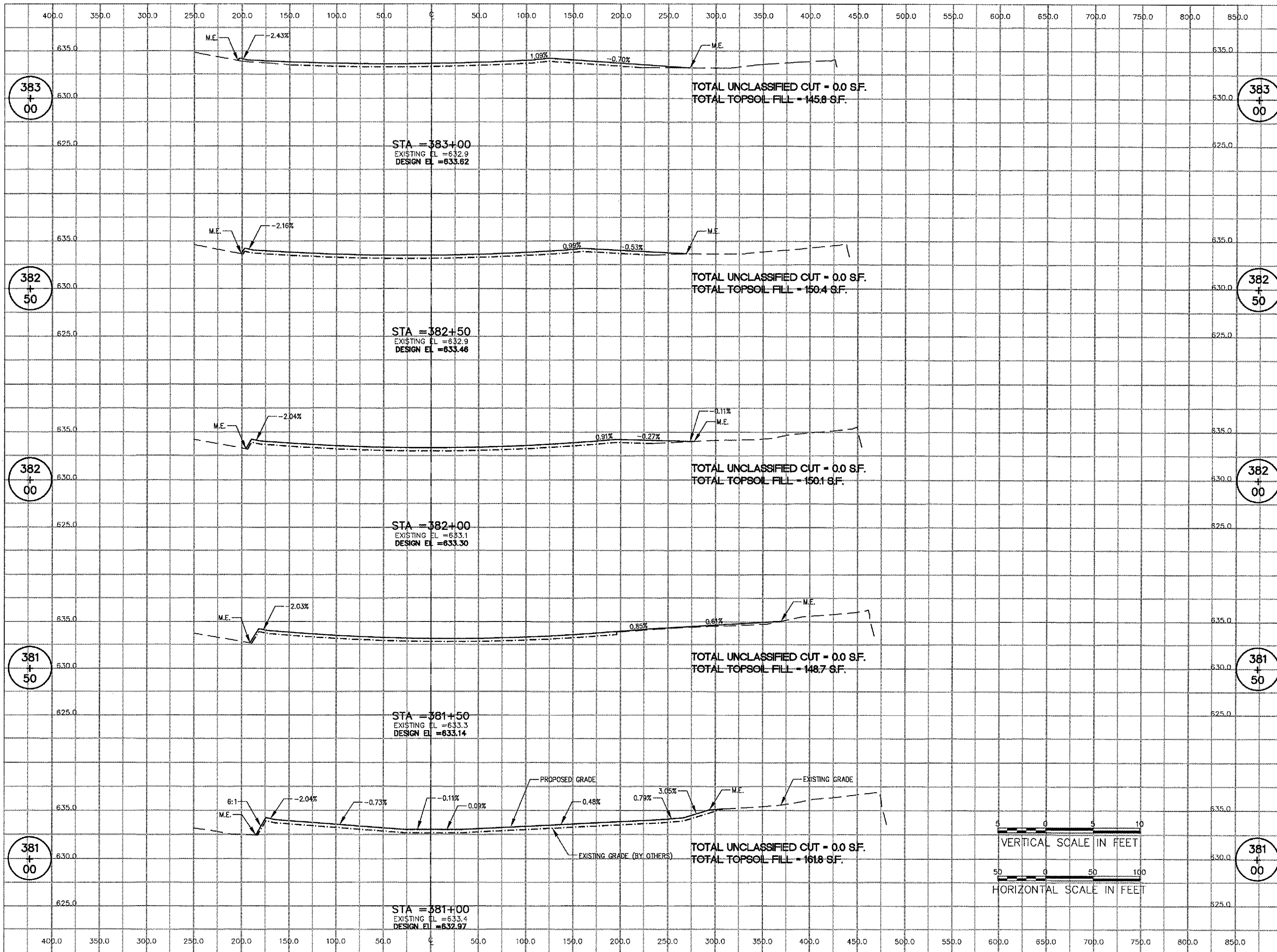
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STA 381+00 TO
STA 383+00

840-05C8046

Project Number
LDH 01/13/06
Layout By Date
SJM/LDH 01/13/06
Designed By Date
CRC 05/05/06
Reviewed By Date
SJM | LDH | ---
Drawn By

Sheet No.

27



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

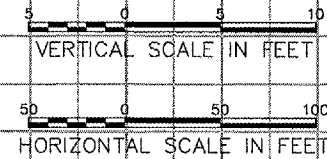
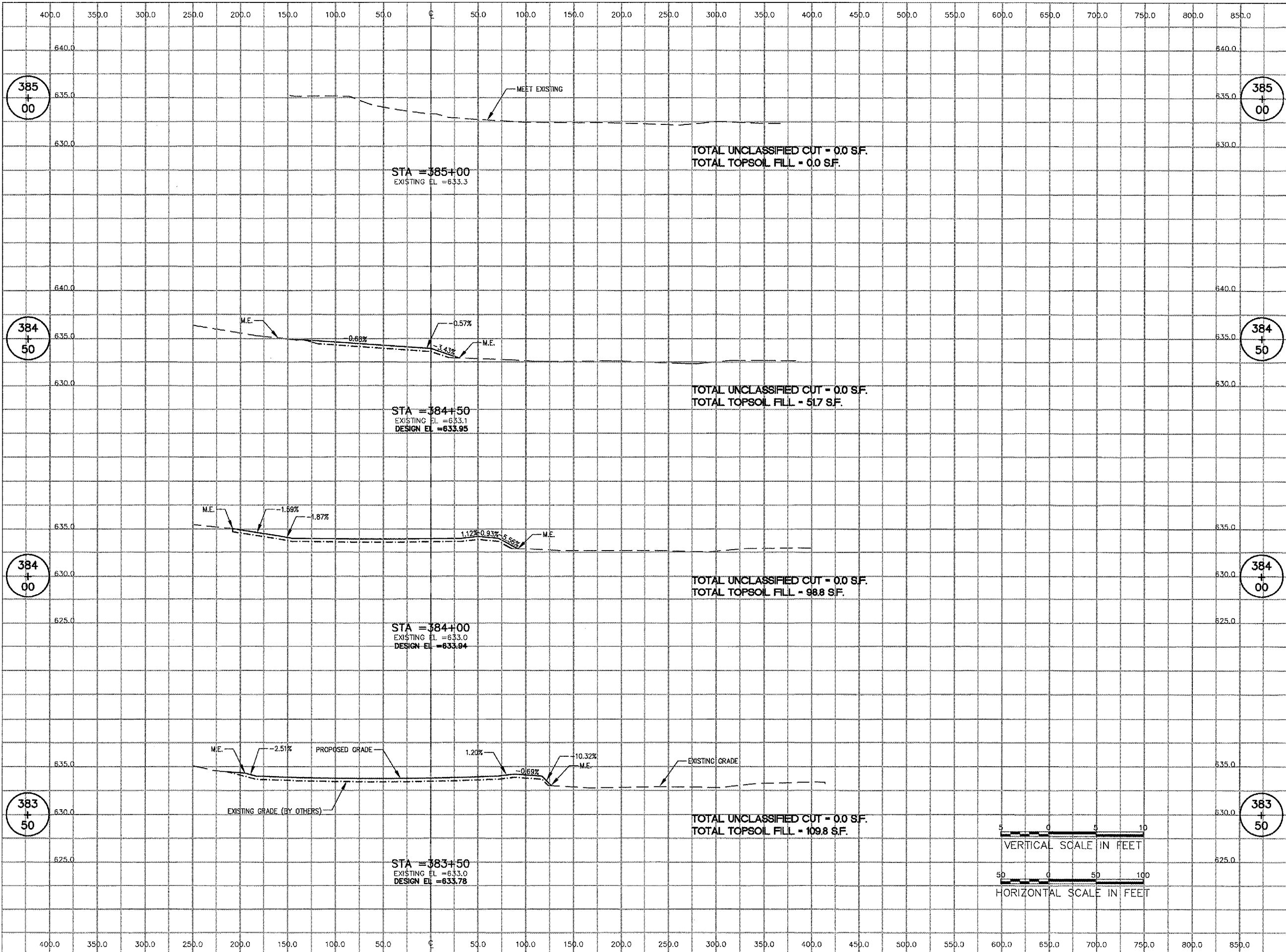
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IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

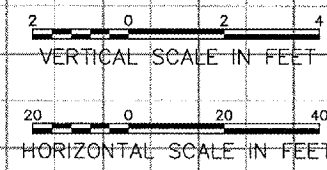
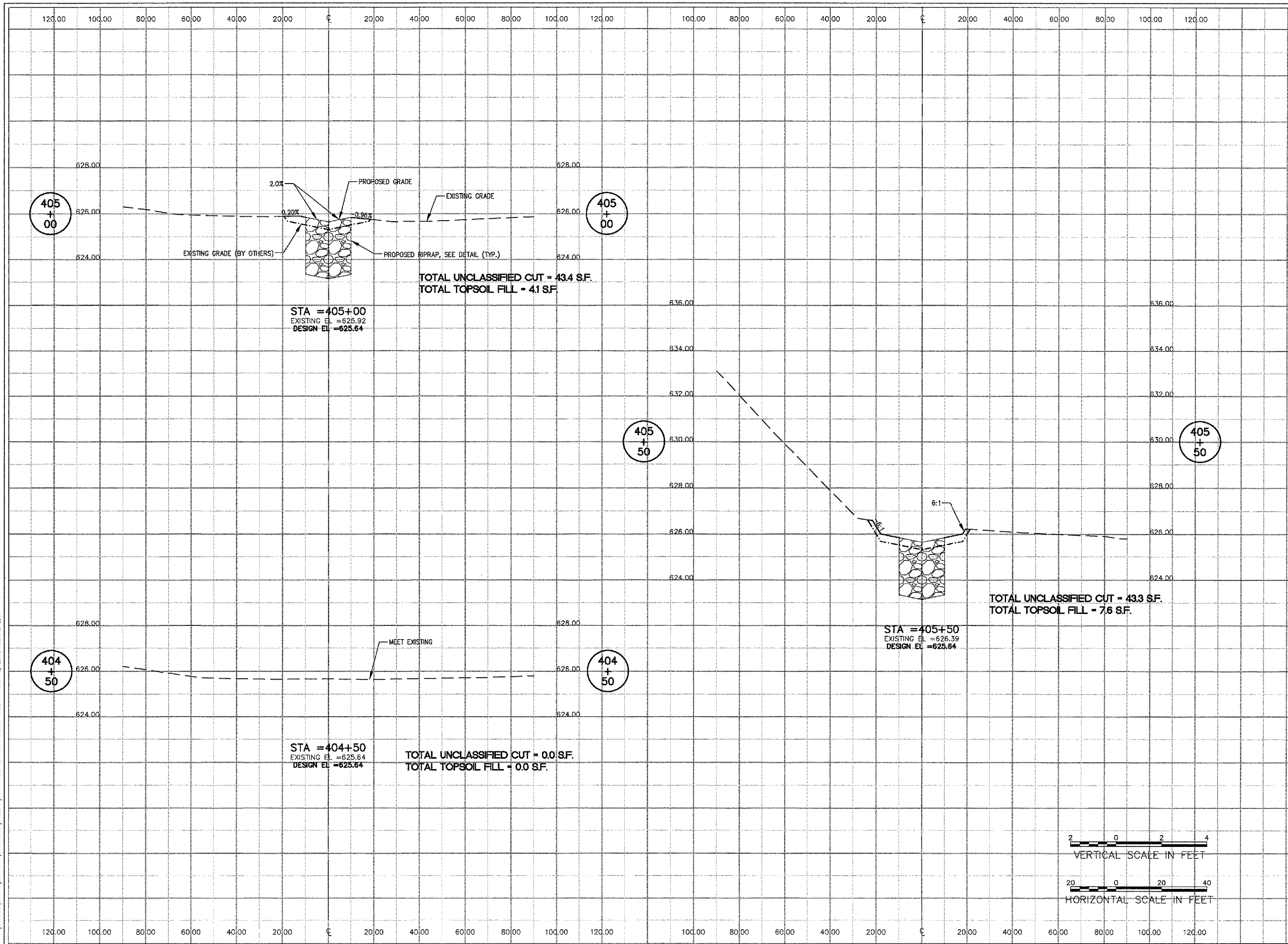
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ALIGNMENT 300
STA 383+50 TO
STA 385+00**

840-05C8046
 Project Number
 LDH 01/13/06
 Layout By Date
 SJM/LDH 01/13/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 SJM | LDH | ---
 Drawn By



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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**
 AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
 Sheet Title

**CROSS SECTIONS
 ALIGNMENT 400
 STA 404+50 TO STA
 405+50**

840-05C8046
 Project Number
 LDH 12/28/05
 Layout By Date
 LDH 12/28/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By Sheet No.

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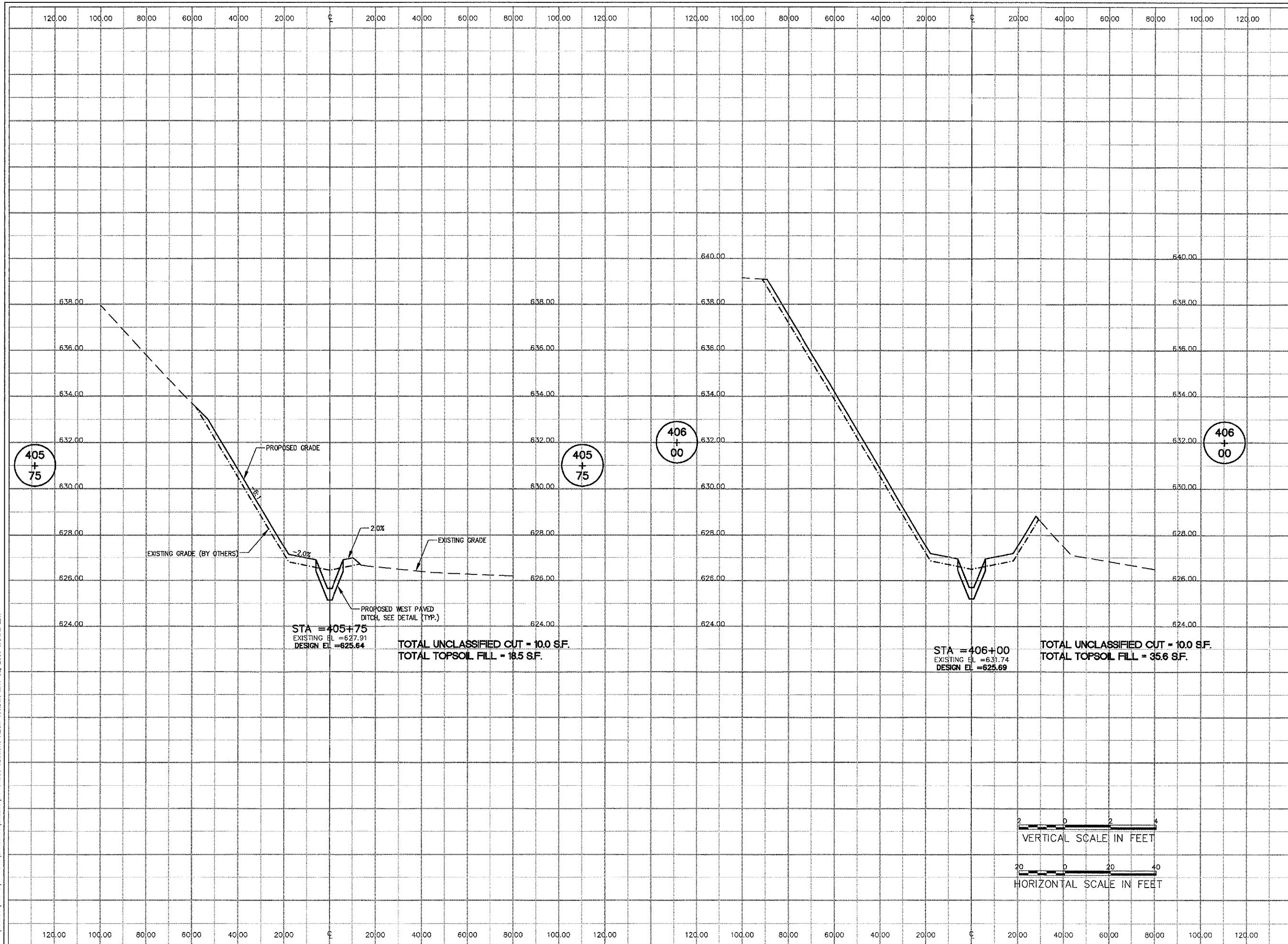


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Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

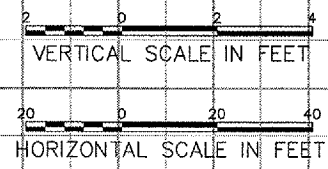
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

CROSS SECTIONS
ALIGNMENT 400
STA 405+75 TO STA 406+00



840-05C8046

Project Number	
LDH	12/28/05
Layout By	Date
LDH	12/28/05
Designed By	Date
CRC	05/05/06
Reviewed By	Date
LDH	
Drawn By	

30

Sheet No.

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HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200
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Fax: 630.990.3801

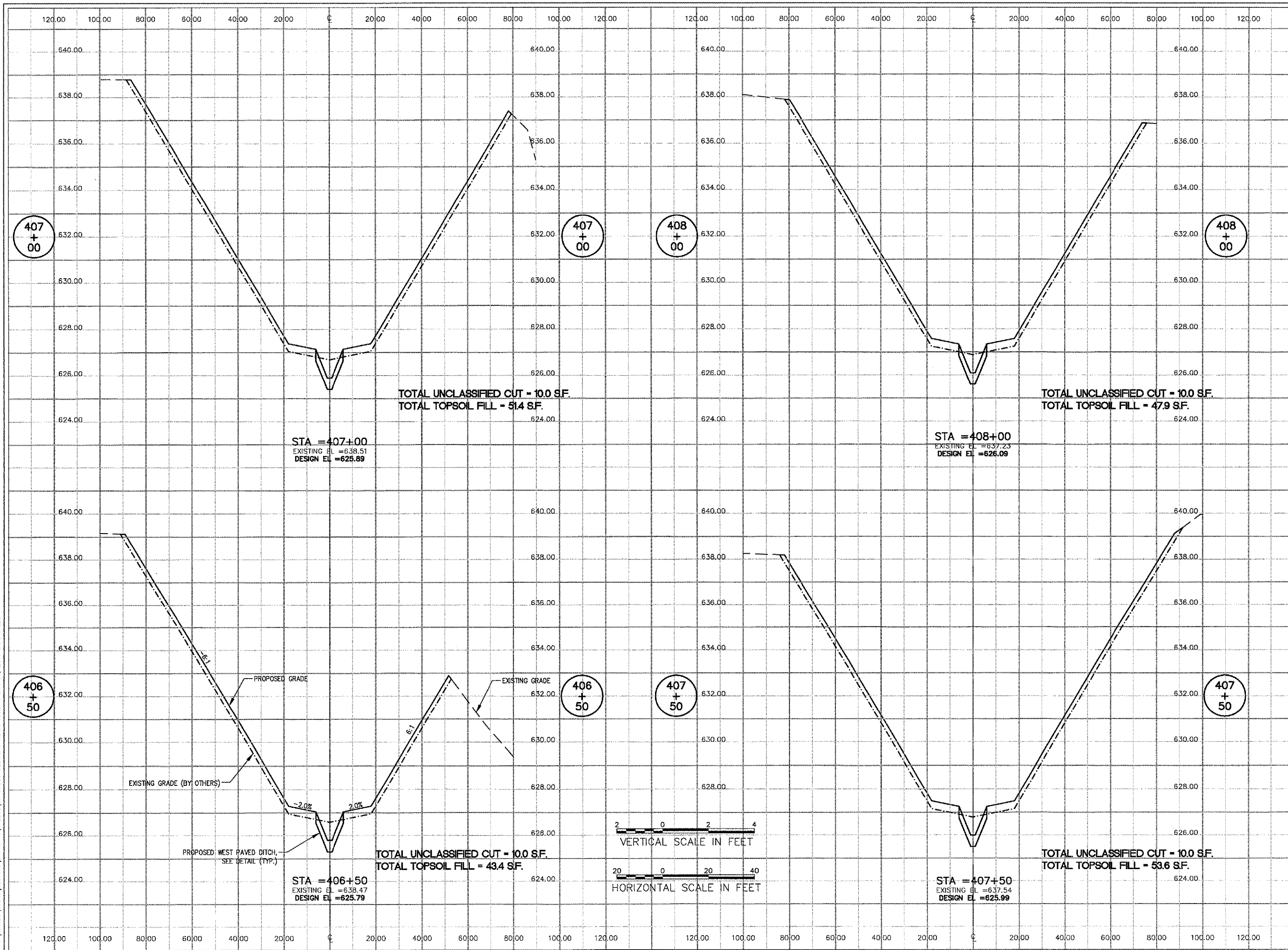


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Romeoville, Illinois 60446
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



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No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

CROSS SECTIONS
ALIGNMENT 400
STA 406+50 TO STA 408+00

840-05C8046	
Project Number	
LDH	12/28/05
Layout By	Date
LDH	12/28/05
Designed By	Date
CRC	05/05/06
Reviewed By	Date
LDH	
Drawn By	



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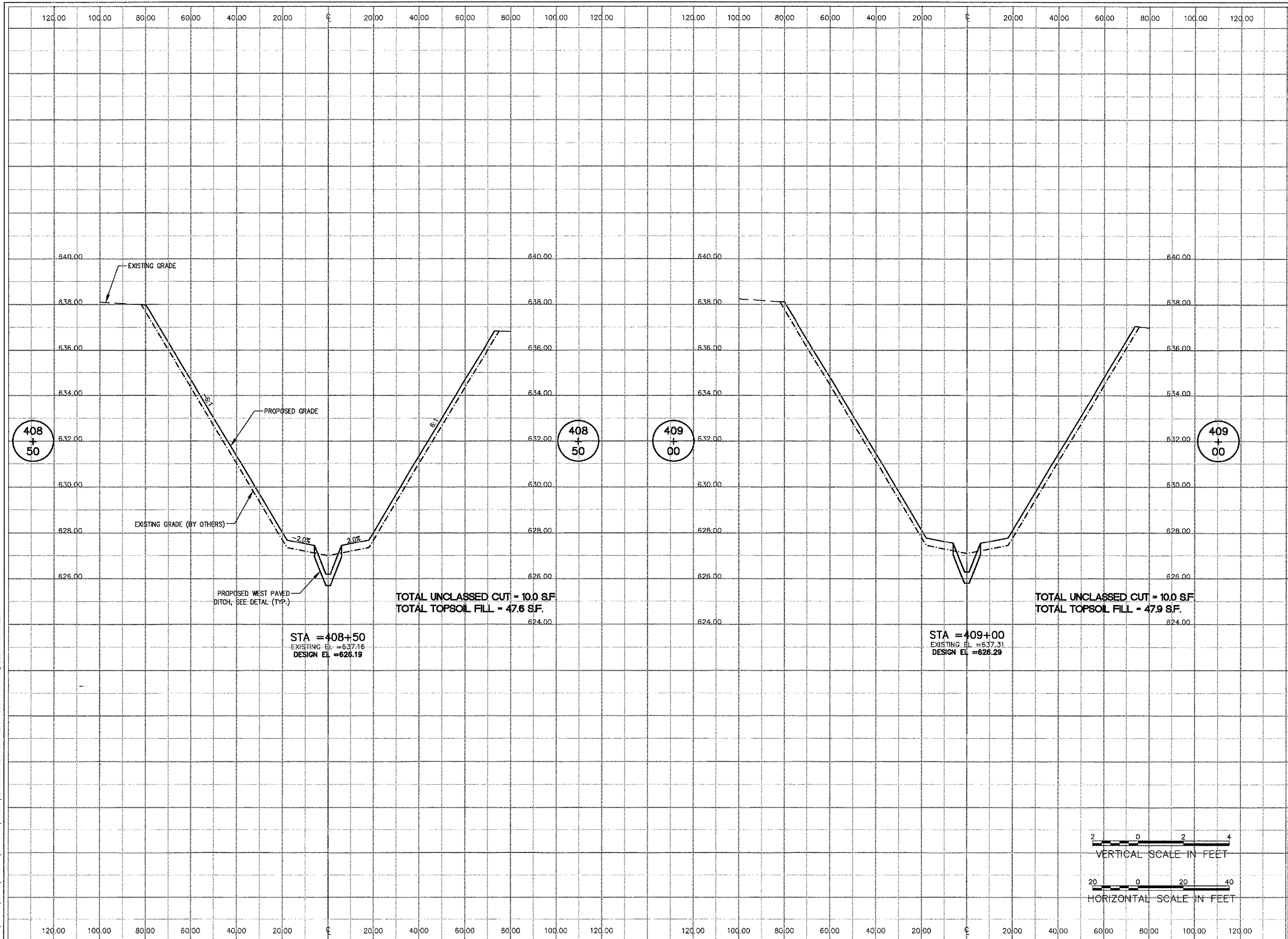


JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
Romeoville, Illinois 60446
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

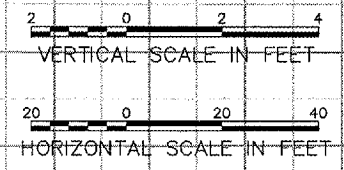


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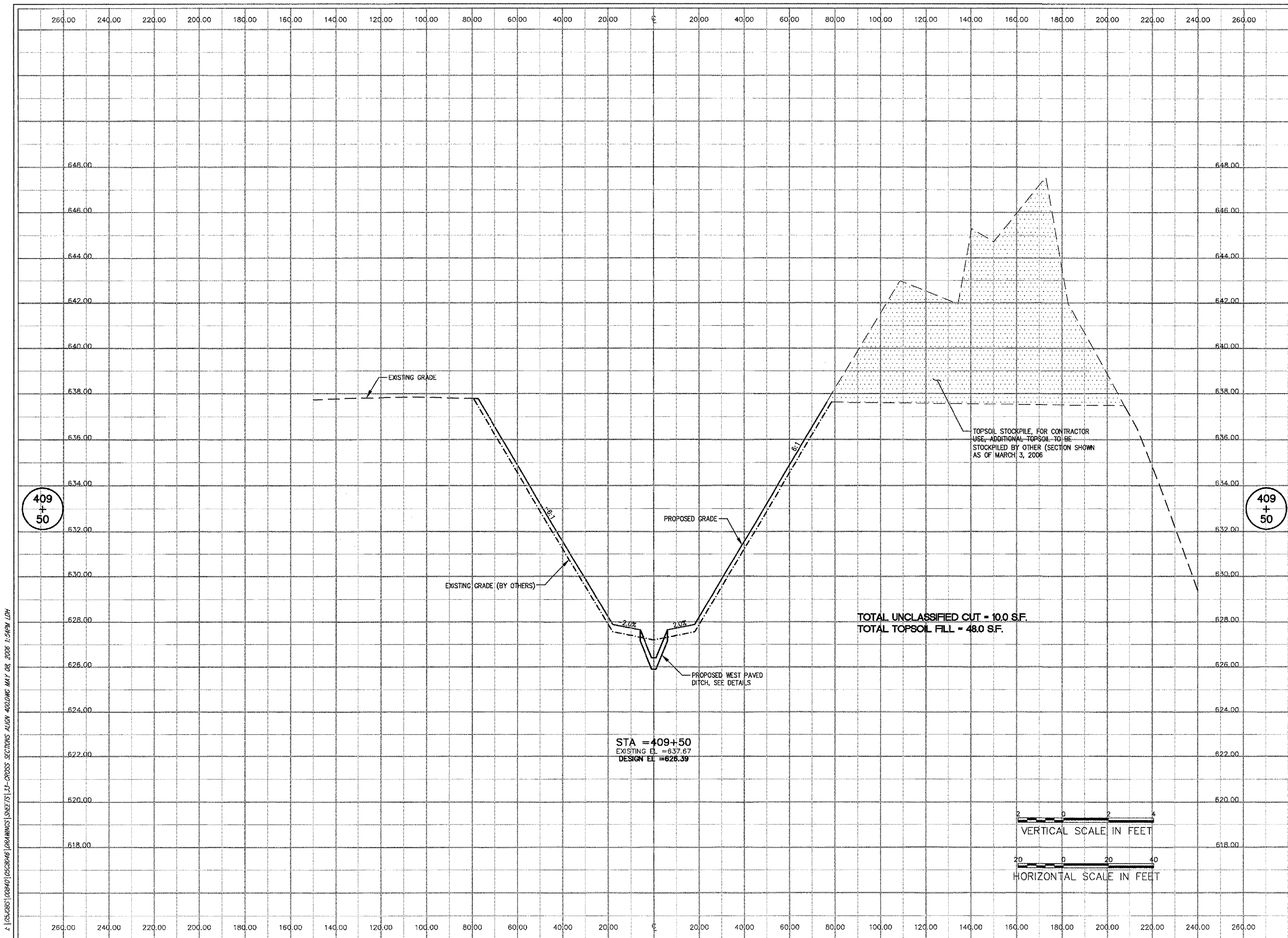
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Date
MAY 5, 2006

Sheet Title
**CROSS SECTIONS
ALIGNMENT 400
STA 408+50 TO STA 409+00**



840-05C8046
 Project Number
 LDH 12/28/05
 Layout By Date
 LDH 12/28/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By
 Sheet No.



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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

**AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596**

No.	Drawing Issue Description	Date	By

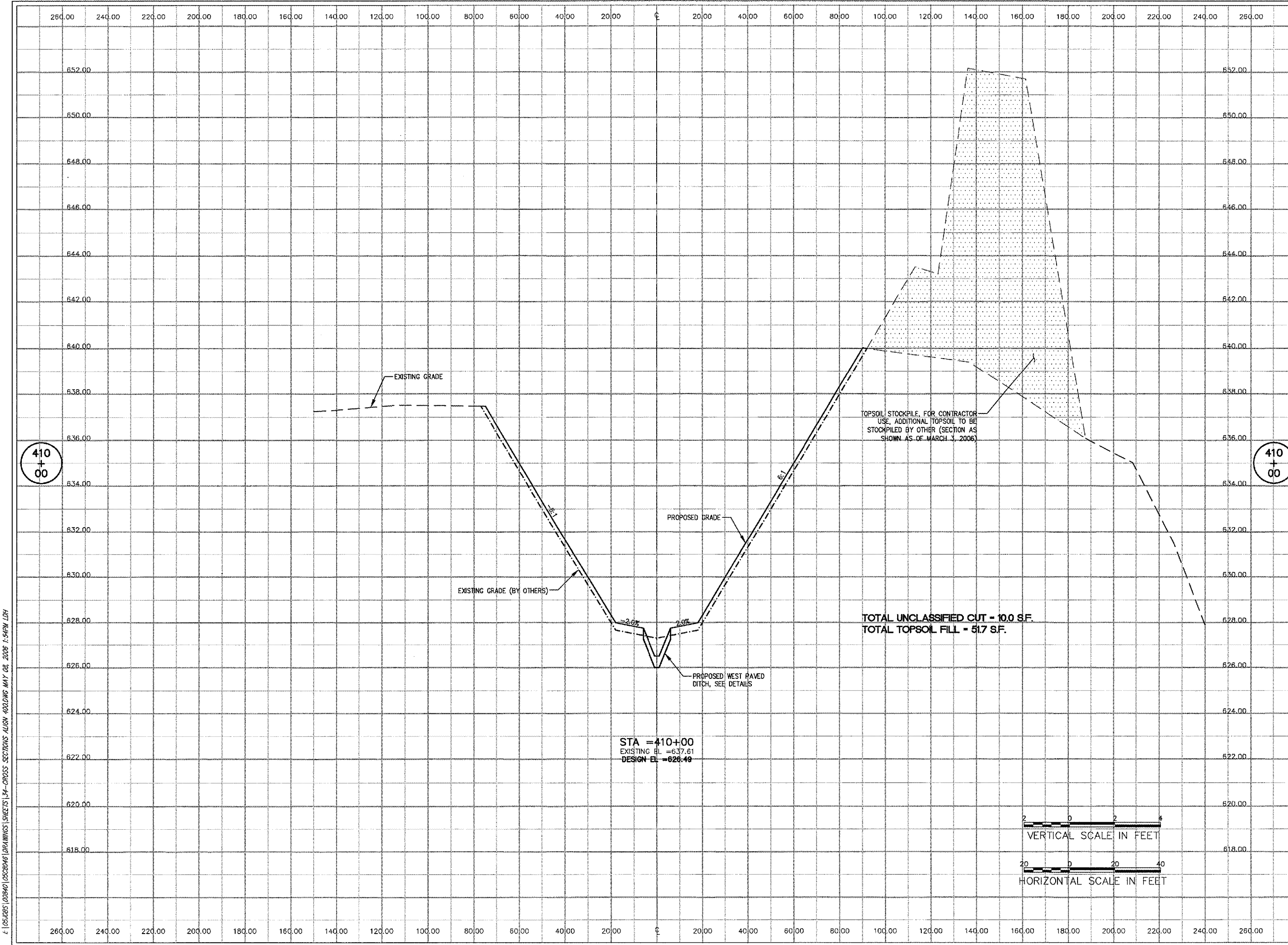
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840-05C8046	Project Number
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LDH	12/28/05
CRC	05/05/06
LDH	

33

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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

**AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596**

No.	Drawing Issue Description	Date	By

Date
 MAY 5, 2006

Sheet Title
**CROSS SECTIONS
 ALIGNMENT 400
 STA 410+00**

840-05C8046
 Project Number
 LDH 12/28/05
 Layout By Date
 LDH 12/28/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By _____
 Sheet No. _____

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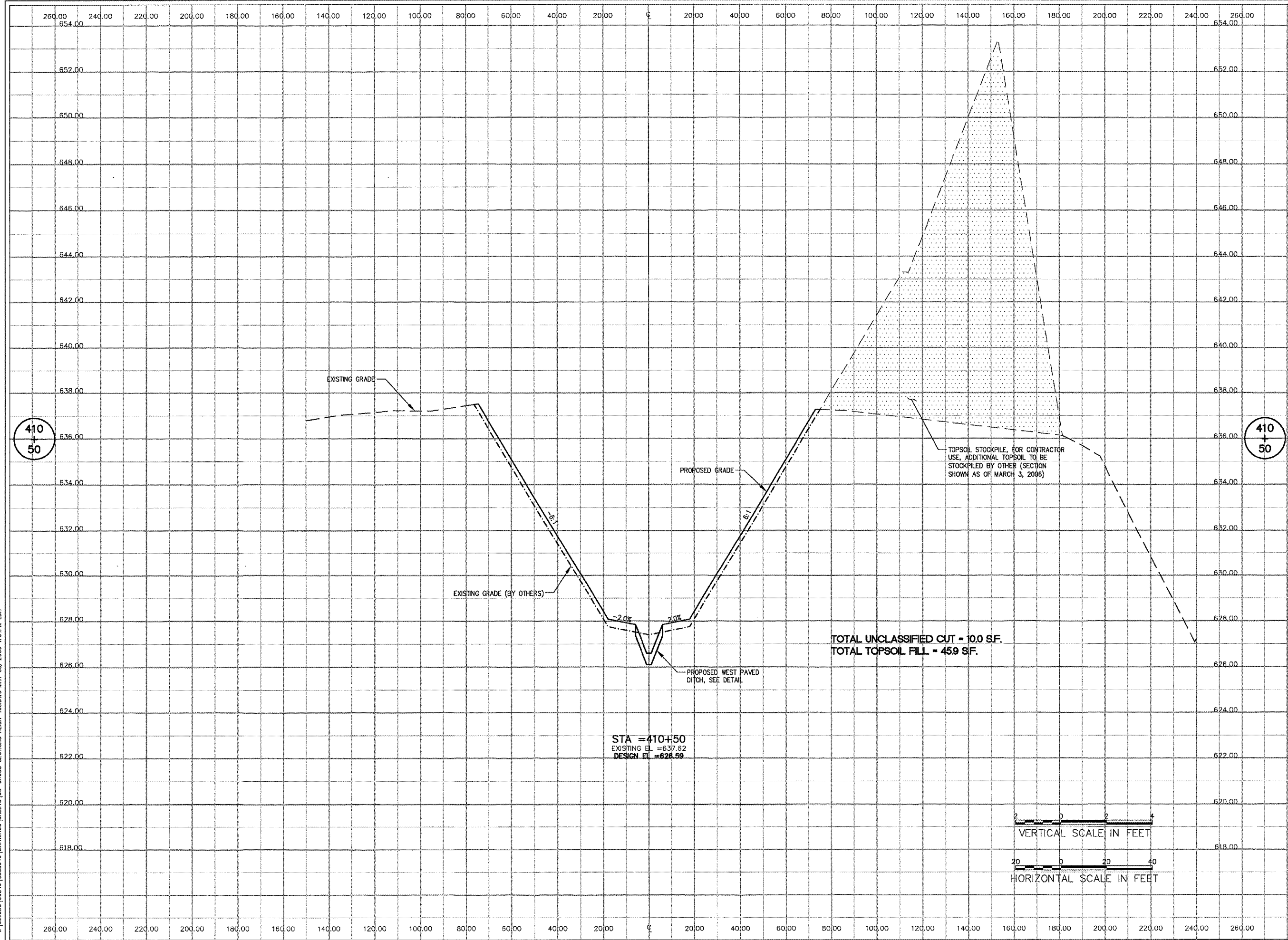


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Telephone: 815.838.9497
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

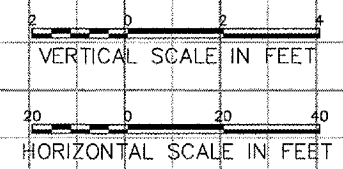
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IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

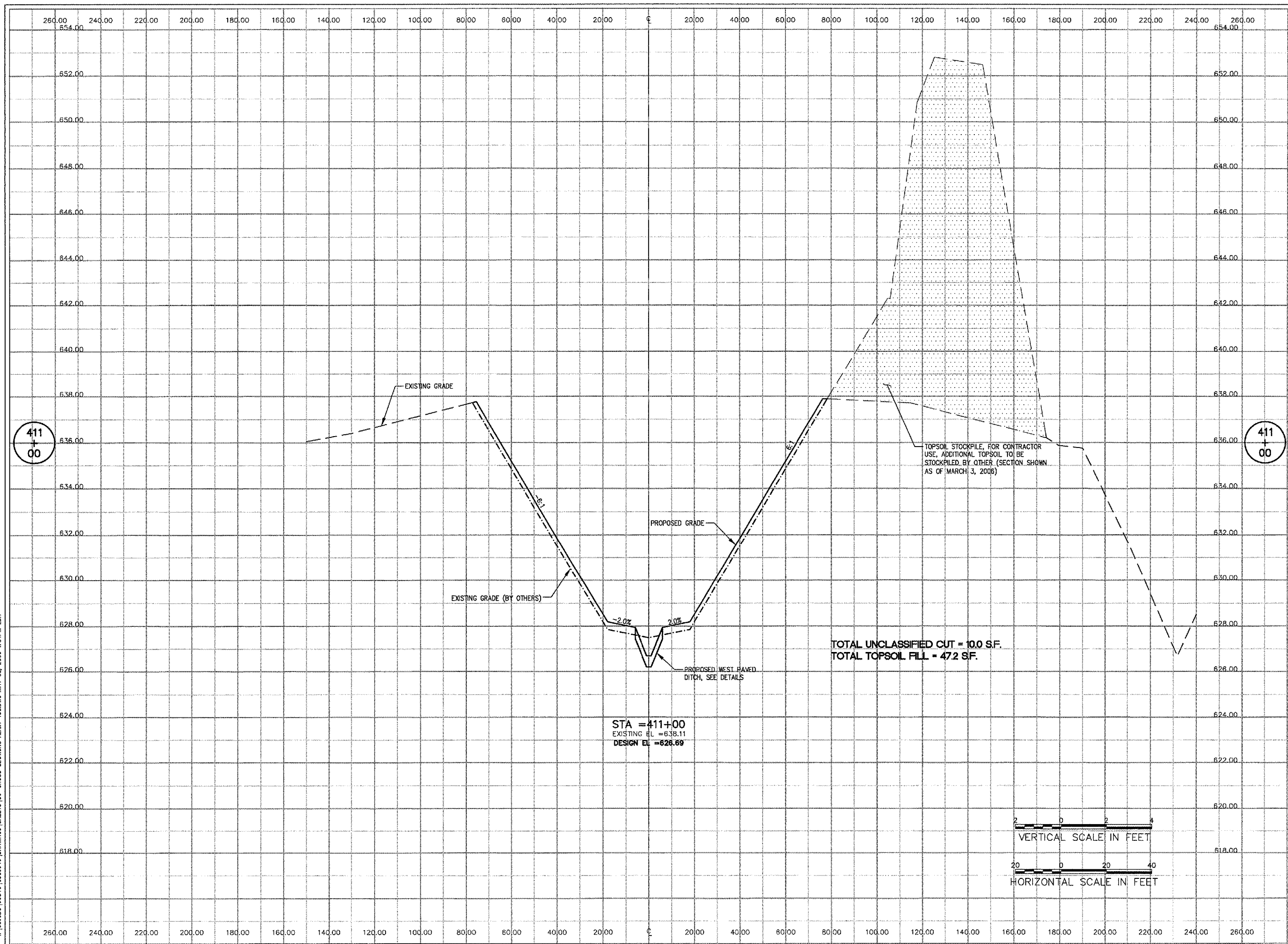
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ALIGNMENT 400
STA 410+50



Project Number	
LDH	12/28/05
Layout By	
LDH	12/28/05
Designed By	
CRC	05/05/06
Revised By	
LDH	
Drawn By	

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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue	Description	Date	By

Date

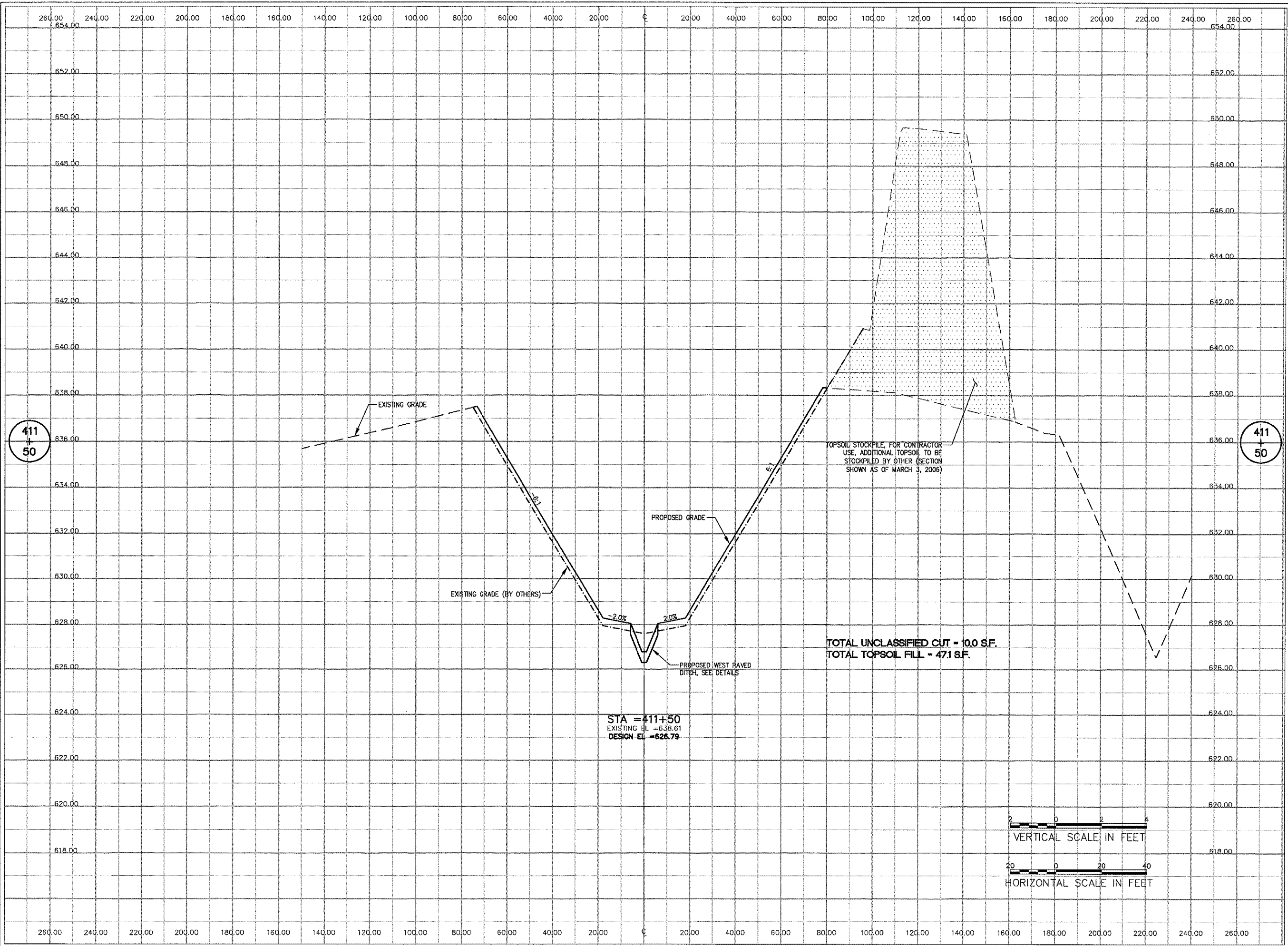
MAY 5, 2006

Sheet Title

**CROSS SECTIONS
ALIGNMENT 400
STA 411+00**

840-05C8046

Project Number	LDH	12/28/05
Layout By	Date	
Designed By	Date	LDH 12/28/05
Reviewed By	Date	CRC 05/05/06
Drawn By	Date	LDH



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CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

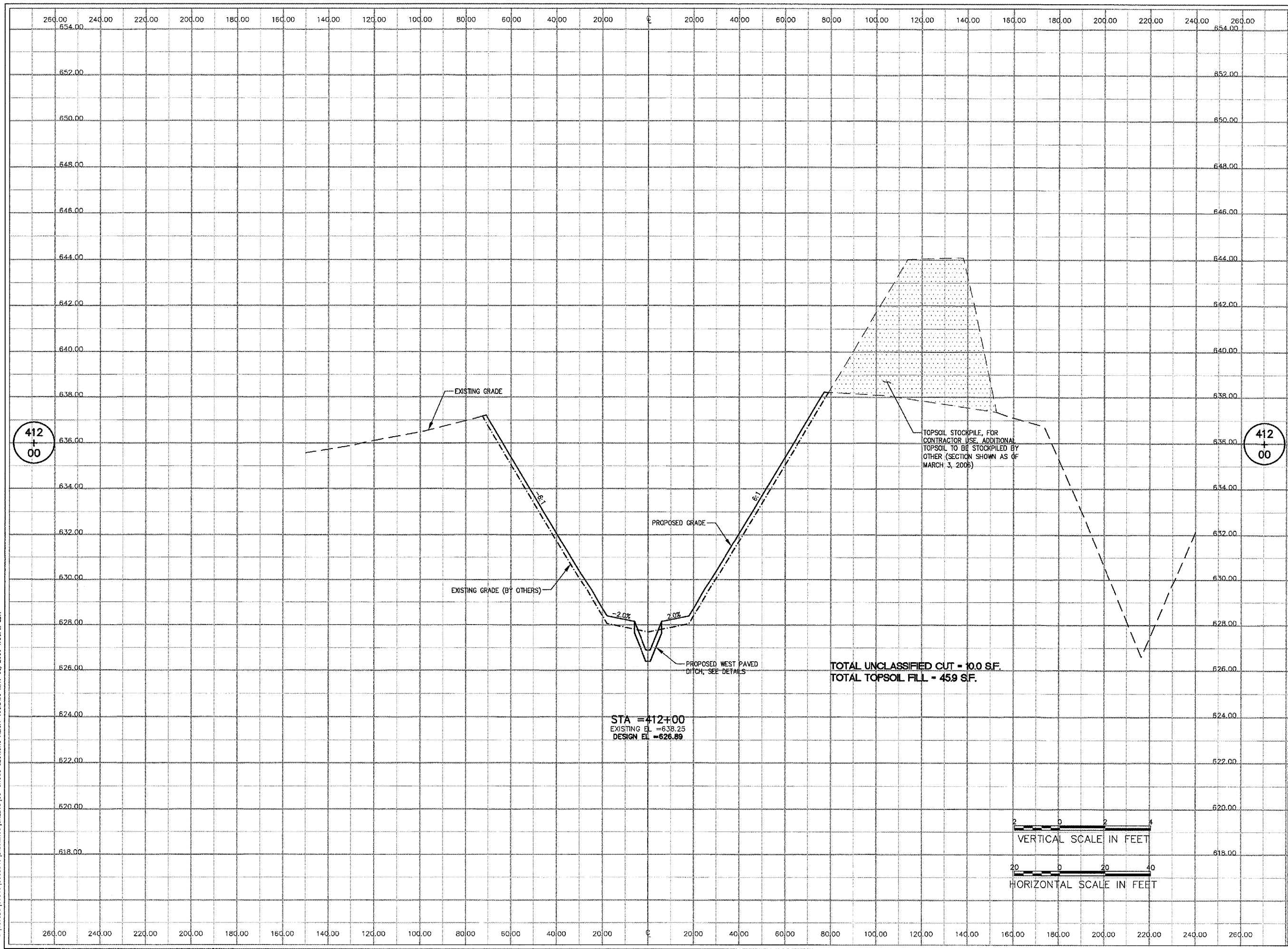
No.	Drawing Issue Description	Date	By

Date
 Sheet Title
 MAY 5, 2006

CROSS SECTIONS
 ALIGNMENT 400
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840-05C8046
 Project Number
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 Layout By Date
 LDH 12/28/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By

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CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

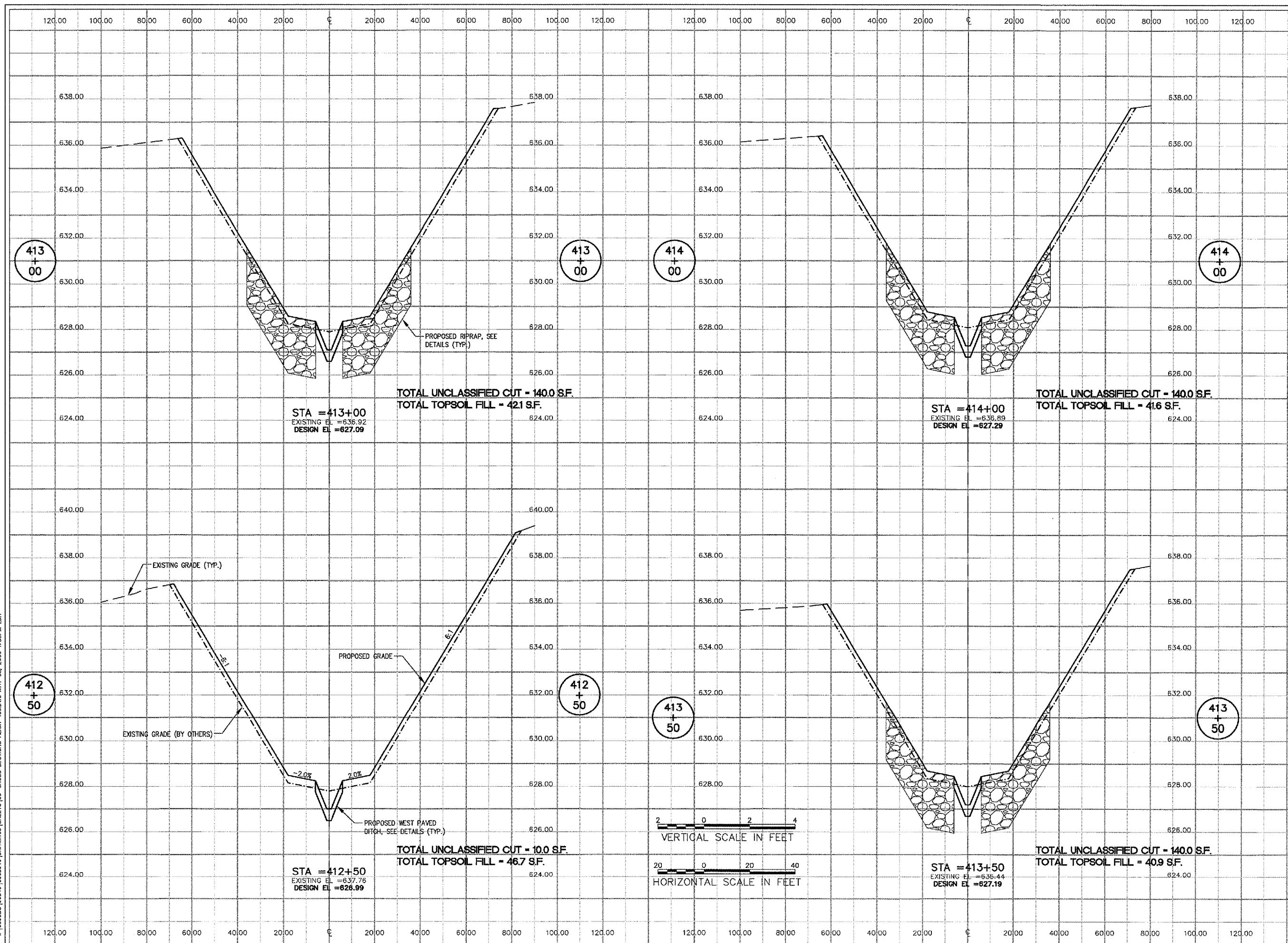
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Date
 MAY 5, 2006

Sheet Title
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 Project Number
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 Layout By Date
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 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By

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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**
 AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

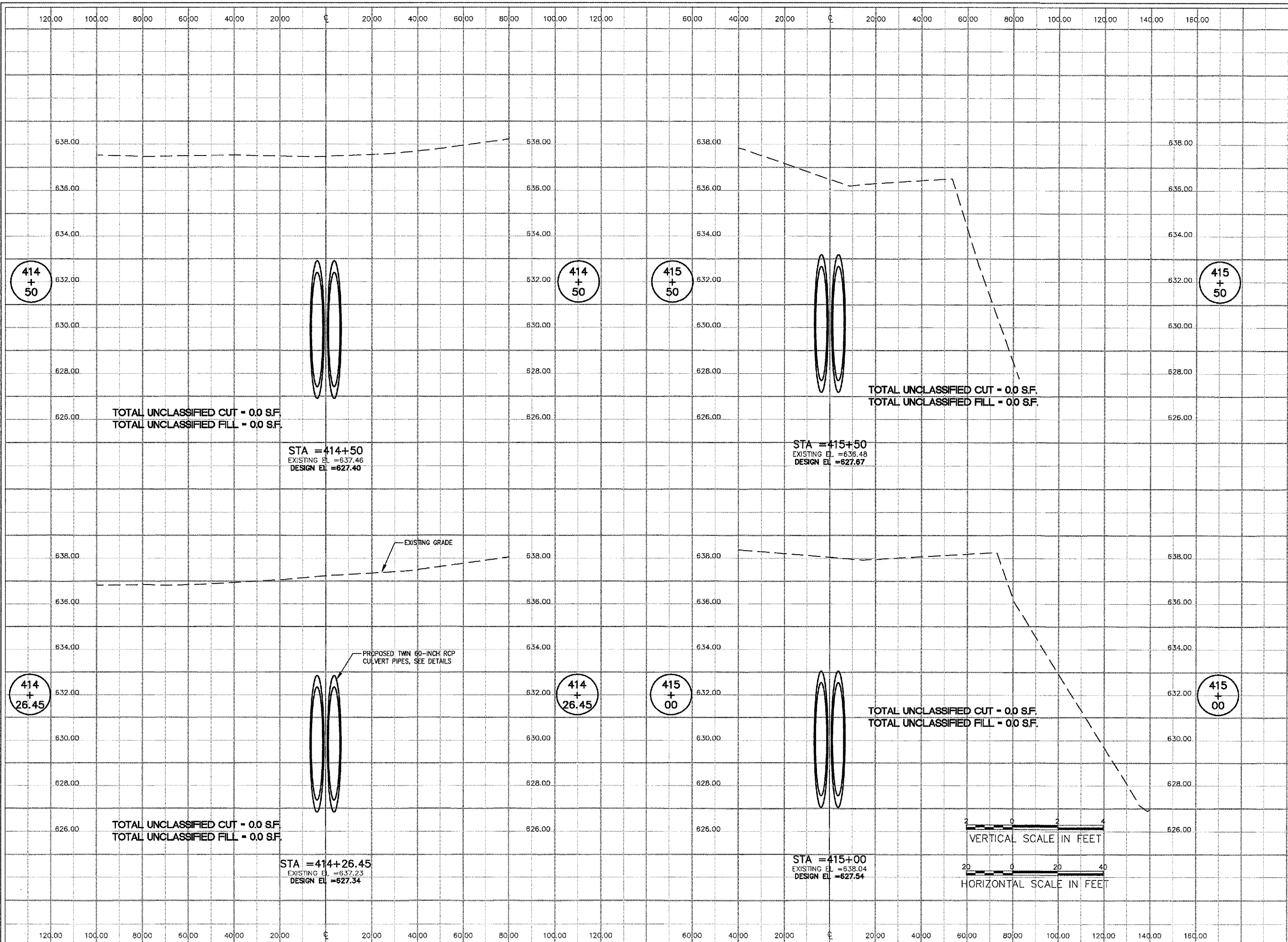
No.	Drawing Issue Description	Date	By

Date
 Sheet Title

**CROSS SECTIONS
 ALIGNMENT 400
 STA 412+50 TO STA 414+00**

840-05C8046
 Project Number
 LDH 12/28/05
 Layout By Date
 LDH 12/28/05
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH --- ---
 Drawn By Date
 Sheet No.

I:\05\05\05\102840\102840\DRAWINGS\05\CROSS SECTIONS ALIGN 400.DWG, MAY 03, 2006 11:55PM LDH



LE037

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HANSON PROFESSIONAL SERVICES INC.
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Chicago-Romeoville Airport
 JOLIET REGIONAL PORT DISTRICT

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CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date

MAY 5, 2006

Sheet Title

**CROSS SECTIONS
 ALIGNMENT 400
 STA 414+26.45 TO
 STA 415+50**

840-05C8046

Project Number	LDH	Date	01/16/06
Layout By	LDH	Date	01/16/06
Designed By	CRC	Date	05/05/06
Reviewed By	LDH	Date	
Drawn By		Date	



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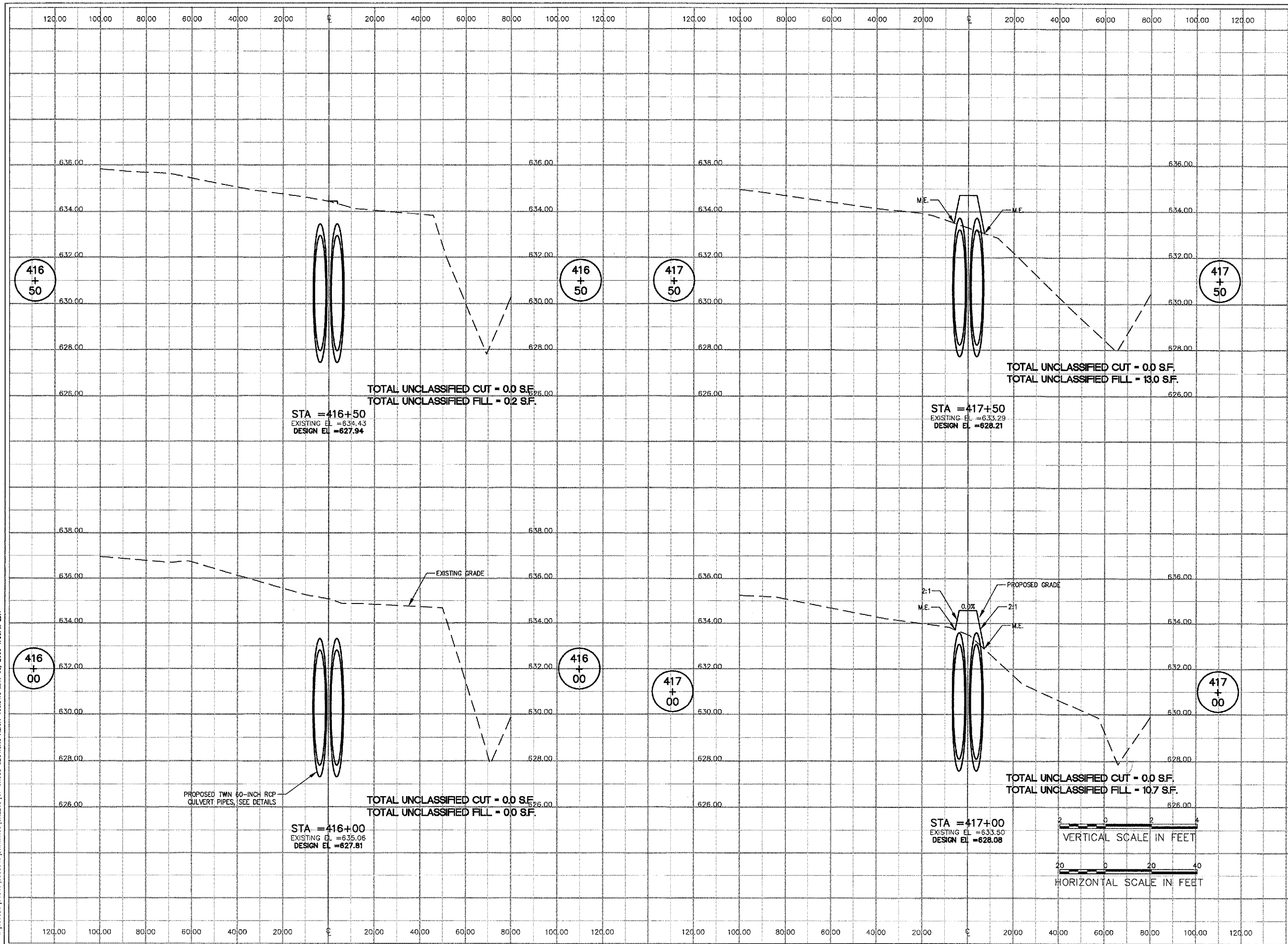


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Romeoville, Illinois 60446
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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



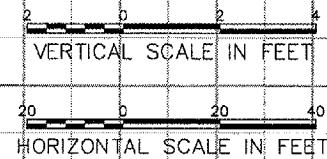
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TOTAL UNCLASSIFIED FILL - 13.0 S.F.

TOTAL UNCLASSIFIED CUT - 0.0 S.F.
TOTAL UNCLASSIFIED FILL - 0.2 S.F.

TOTAL UNCLASSIFIED CUT - 0.0 S.F.
TOTAL UNCLASSIFIED FILL - 10.7 S.F.

TOTAL UNCLASSIFIED CUT - 0.0 S.F.
TOTAL UNCLASSIFIED FILL - 0.0 S.F.

PROPOSED TWIN 60-INCH RCP
CULVERT PIPES, SEE DETAILS



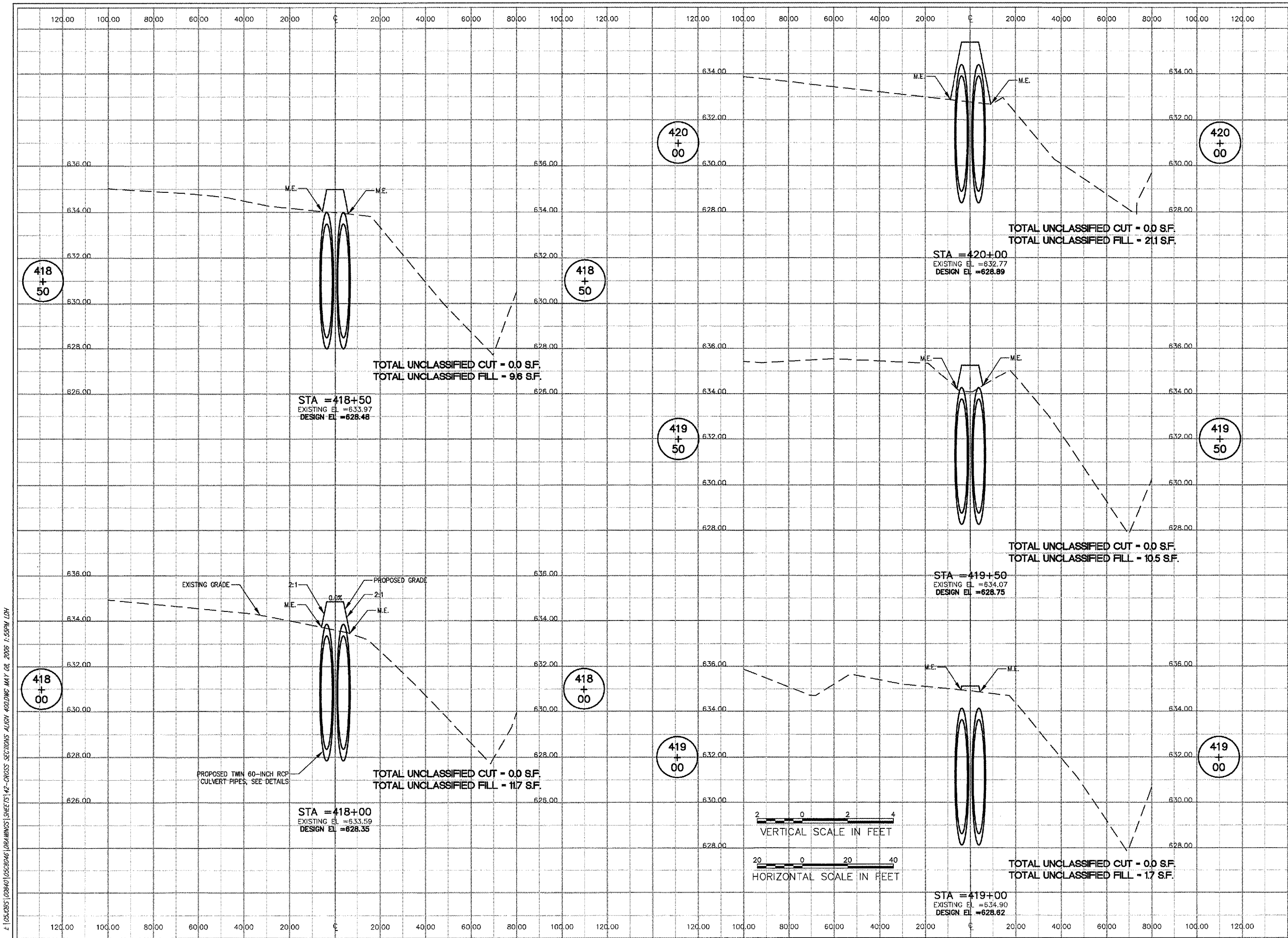
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Date
MAY 5, 2006

Sheet Title
CROSS SECTIONS
ALIGNMENT 400
STA 416+00 TO
STA 417+50

840-05C8046	
Project Number	
LDH	01/16/06
Layout By	Date
LDH	01/16/06
Designed By	Date
CRC	05/05/06
Reviewed By	Date
LDH	
Drawn By	

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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**
 AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
 MAY 5, 2006

Sheet Title
**CROSS SECTIONS
 ALIGNMENT 400
 STA 418+00 TO
 STA 420+00**

840-05C8046
 Project Number
 LDH 01/16/06
 Layout By Date
 LDH 01/16/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By

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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

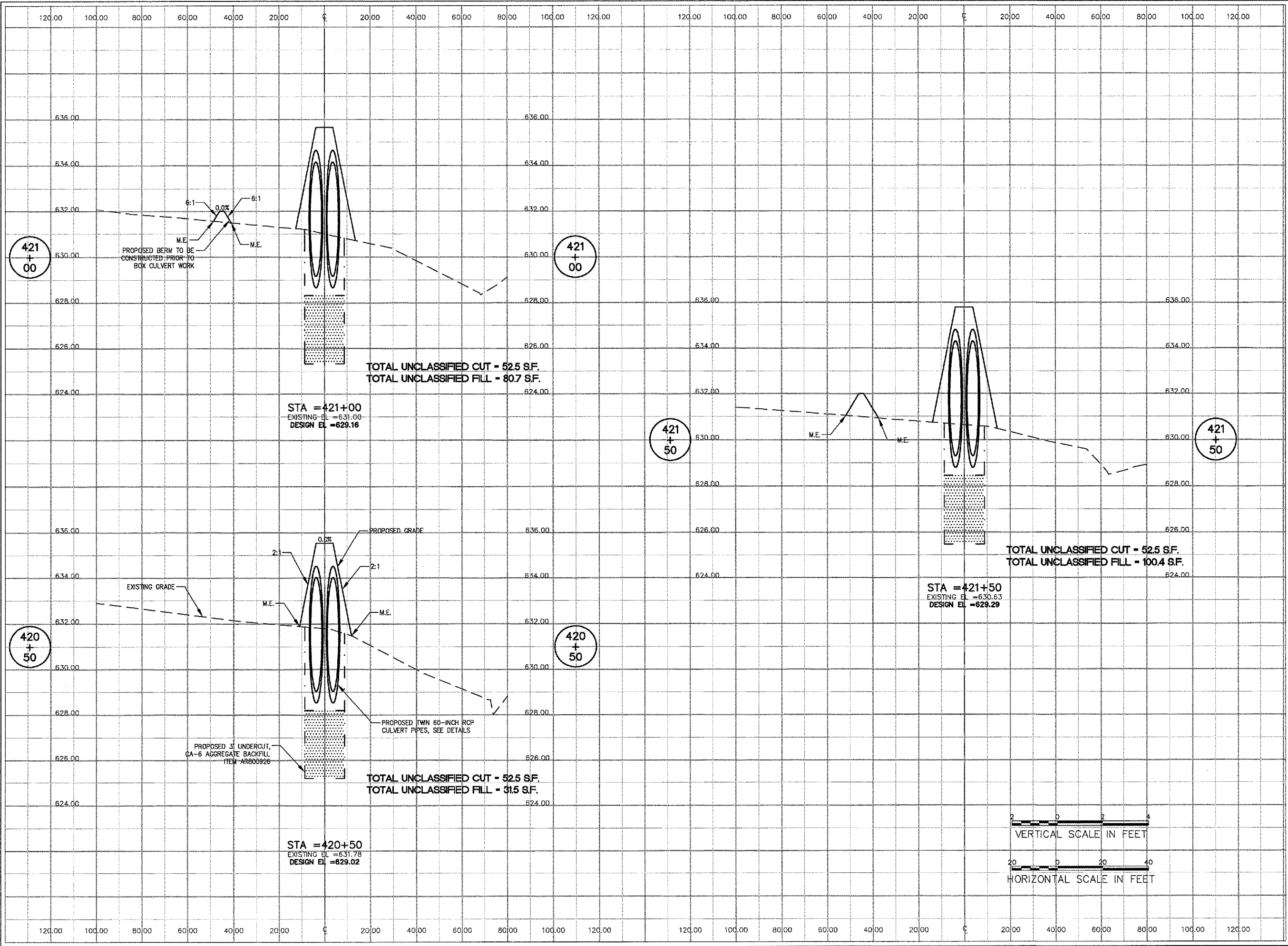
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IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

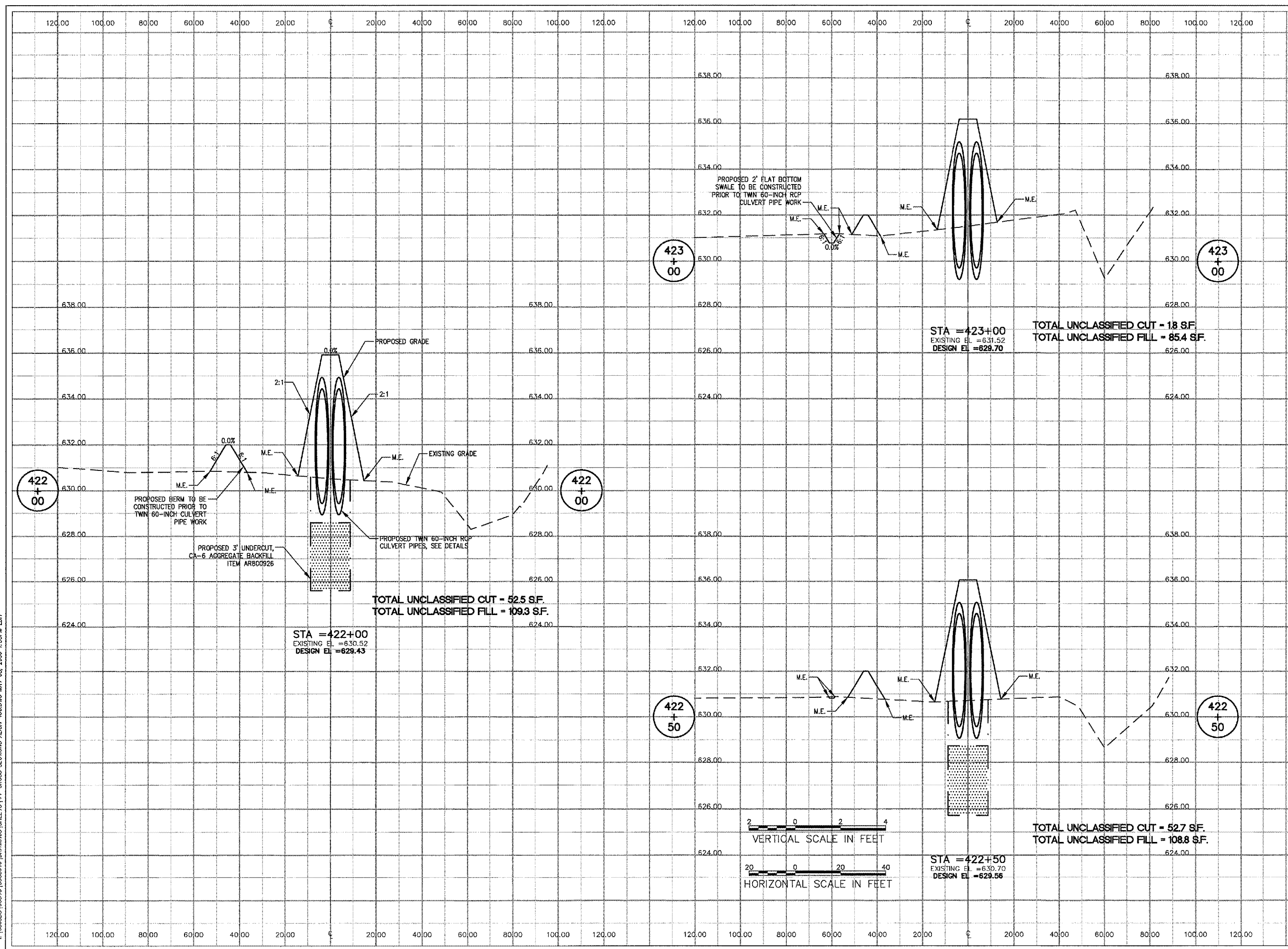
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**CROSS SECTIONS
ALIGNMENT 400
STA 420+50 TO
STA 423+00**

840-05C8046
Project Number
LDH 01/16/06
Layout By Date
LDH 01/16/06
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By



A: 105.905 (08/04/06) (02/20/06) (DRAWINGS) SHEETS 143-CROSS SECTIONS ALIGN 400/DWG MAY 08, 2006 1:35PM LDH

C:\COURSES\100840\100840\DRAWINGS\144-CROSS SECTIONS\ALIGN 400\DWG MAY 08, 2006 1:35PM LDH



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**CONSTRUCT RUNWAY 2-20
 DRAINAGE CULVERTS AND
 IMPROVEMENTS**

**AIP PROJECT NO. 3-17-0140-B40
 IDA PROJECT NO. LOT-3596**

No.	Drawing Issue Description	Date	By

Date
 MAY 5, 2006

Sheet Title
**CROSS SECTIONS
 ALIGNMENT 400
 STA 420+50 TO
 STA 423+00**

840-05C8046

Project Number	LDH	01/16/06
Layout By	LDH	01/16/06
Designed By	CRC	05/05/06
Reviewed By	LDH	---
Drawn By	---	---

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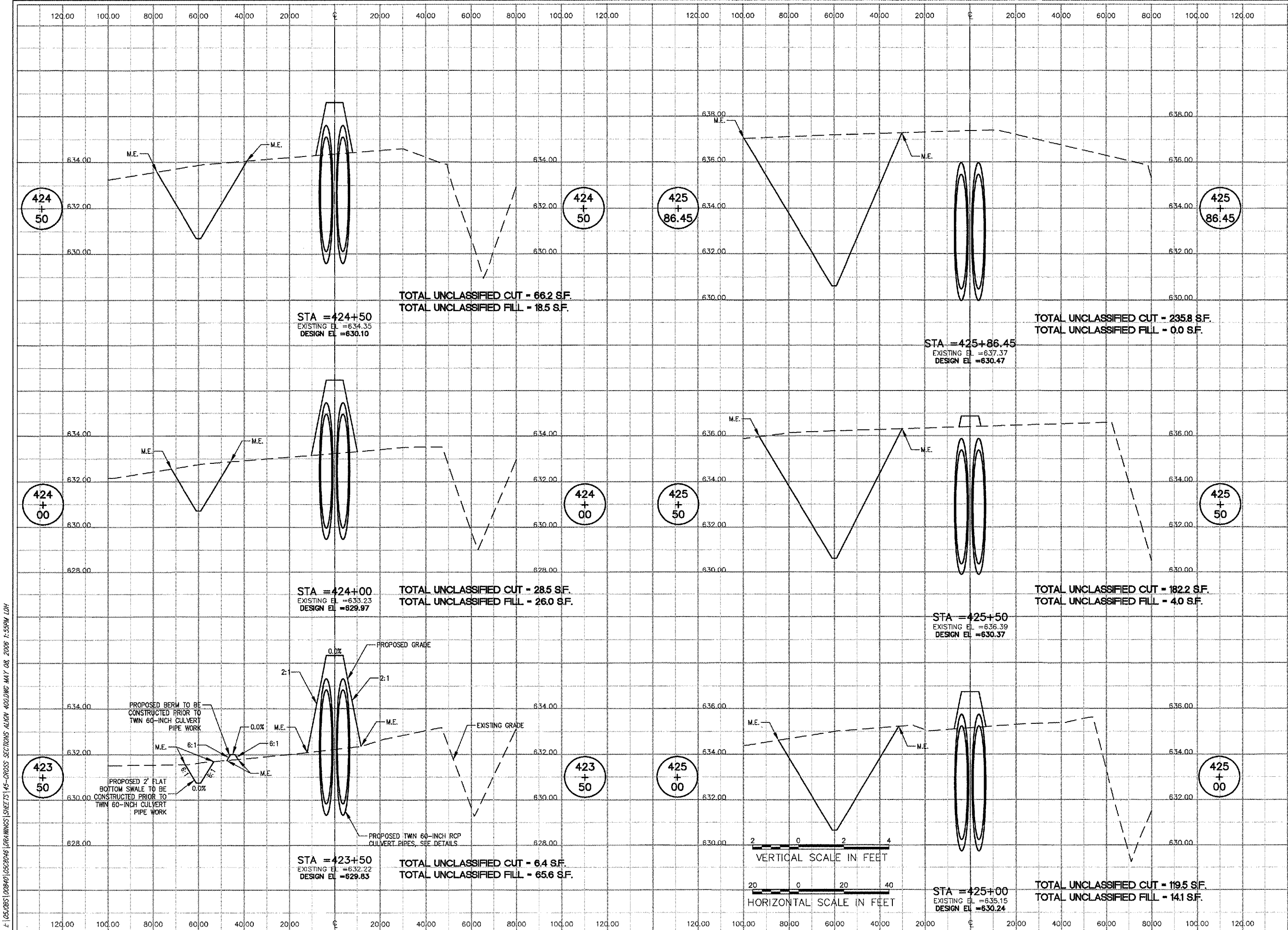


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006

Sheet Title
CROSS SECTIONS
ALIGNMENT 400
STA 423+50 TO
STA 425+86.45

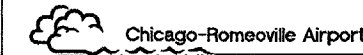
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Project Number
LDH 01/16/06
Layout By Date
LDH 01/16/06
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By

4-10510951 (02/04) (02/04) (02/04) 145-CROSS SECTIONS ALIGNMENT 400 MAY 06, 2006 11:59PM LDH



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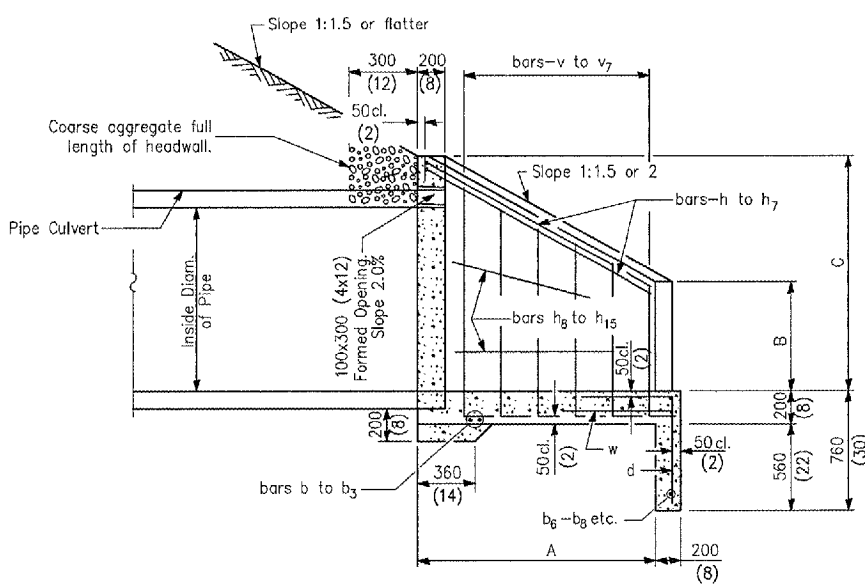


JOLIET REGIONAL PORT DISTRICT

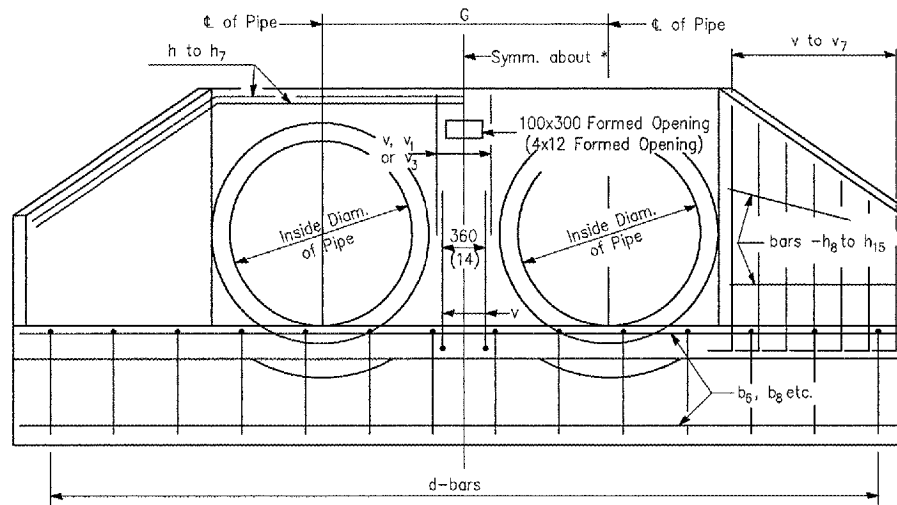
1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



SECTION A-A



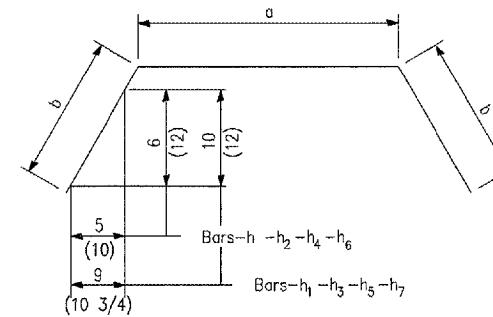
END ELEVATION

DIMENSIONS OF STRAIGHT BARS

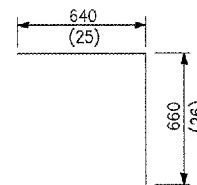
BAR	SIZE	LENGTH (m)
b	No. 15 (No. 5)	3.58 (11'-9")
b1	No. 15 (No. 5)	3.96 (13'-0")
b2	No. 15 (No. 5)	4.27 (14'-0")
b3	No. 15 (No. 5)	4.65 (15'-3")
b4	No. 15 (No. 4)	4.42 (14'-6")
b5	No. 15 (No. 4)	4.95 (16'-3")
b6	No. 15 (No. 4)	5.26 (17'-3")
b7	No. 15 (No. 4)	5.49 (18'-0")
b8	No. 15 (No. 5)	5.79 (19'-0")
b9	No. 15 (No. 5)	6.25 (20'-6")
b10	No. 15 (No. 4)	6.48 (21'-3")
b11	No. 15 (No. 4)	7.01 (23'-0")
b12	No. 15 (No. 4)	7.32 (24'-0")
b13	No. 15 (No. 4)	7.92 (26'-0")
h8	No. 15 (No. 4)	1.45 (4'-9")
h9	No. 15 (No. 4)	1.6 (5'-3")
h10	No. 15 (No. 4)	1.83 (6'-0")
h11	No. 15 (No. 4)	1.98 (6'-6")
h12	No. 15 (No. 4)	2.21 (7'-3")
h13	No. 15 (No. 4)	2.44 (8'-0")
h14	No. 15 (No. 4)	2.67 (8'-9")
w	No. 15 (No. 4)	1.22 (4'-0")

BARS IN ONE END SECTION

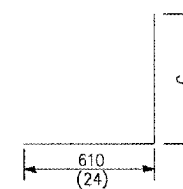
D1.5-2 (D60-2)	
BARS	No.
d	18
b3	2
b7	1
b9	1
b12	1
b13	2
h7	2
h14	4
v5	8
v3	6
v	6
w	2



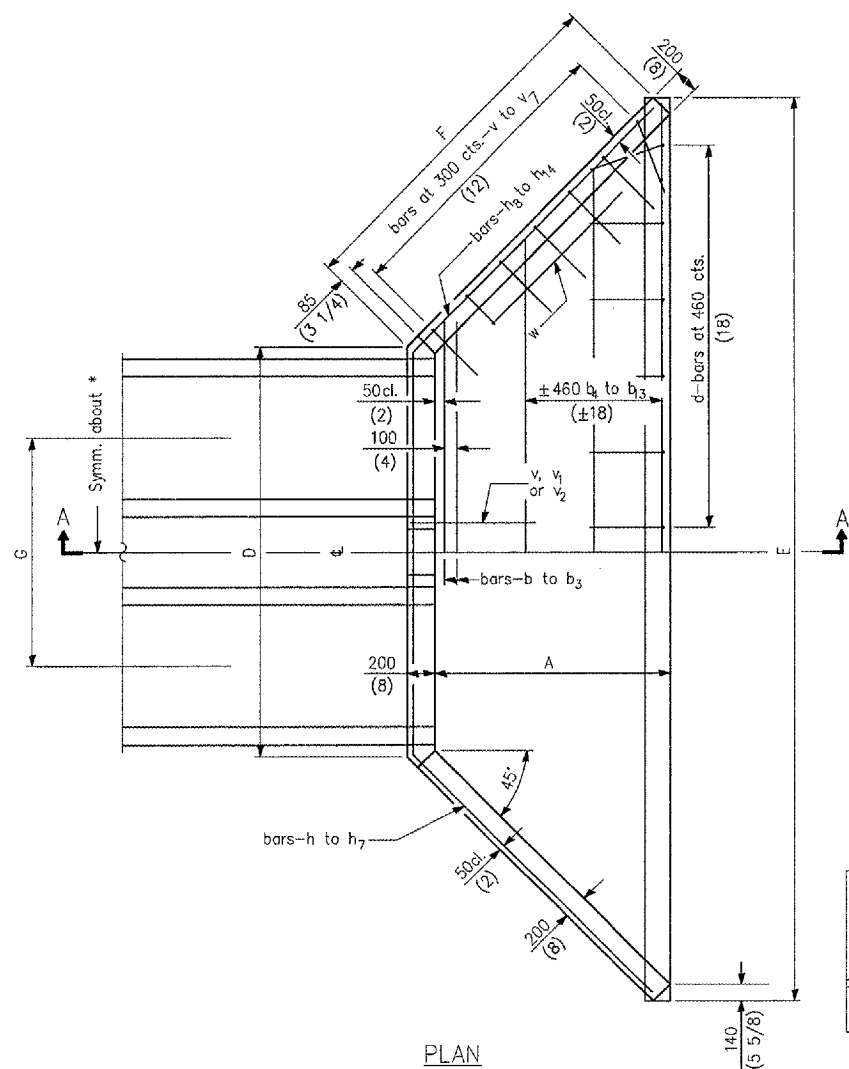
No. 15(No. 4) BARS - h to h7
Bend in field
One Required in each headwall



No. 15(No. 4) - BAR d



No. 15(No. 4) BARS v to v7



PLAN

GENERAL NOTES

- AS THE EMBANKMENT SLOPE ABOVE HEADWALL IS GREATER THAN 1:2 WINGS FOR 1:2 SLOPE SHALL BE PROVIDED.
- ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H)
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.
- CONCRETE SHALL BE IN ACCORDANCE WITH ITEM 610 (IDOT CLASS SI).
- ALL WORK PAID FOR UNDER ITEM AR800978.

DIMENSIONS AND QUANTITIES

DESIGN NO.	NOMINAL DIAM. OF PIPE	SLOPE OF FILL	DIMENSIONS							QUANTITIES	
			A	B	C	D	E	F	G	Concrete 2 End Secs. (cu. yds.)	Reinf. Bars 2 End Secs. (lbs.)
D1.5 m-2 (D60-2)	1500 (60)	1:2	1.88 m (6'-2")	890 (35)	1.83 m (6'-0")	4.29 m (14'-1")	8.16 m (26'-10")	2.74 m (9'-0")	2.29 m (7'-6")	11.5 (15.0)	440 (780)

DIMENSIONS OF BENT BARS

BARS	No. 15 -bars v to v7 (No. 5)		No. 15 -bars h to h7 (No. 5)			
	c	TOTAL LENGTH	BARS	a	b	TOTAL LENGTH
v	1.83 m (6'-0")	2.44 m (8'-0")	h	3.18 m (10'-5")	1.57 m (5'-2")	6.32 m (20'-9")
v1	1.68 m (5'-6")	2.29 m (7'-6")	h1	3.18 m (10'-5")	2.03 m (6'-8")	7.24 m (23'-9")
v2	1.52 m (5'-0")	2.13 m (7'-0")	h2	3.53 m (11'-7")	1.78 m (5'-10")	7.09 m (23'-3")
v3	1.37 m (4'-6")	1.98 m (6'-6")	h3	3.53 m (11'-7")	2.31 m (7'-7")	8.15 m (26'-9")
v4	1.22 m (4'-0")	1.83 m (6'-0")	h4	3.87 m (12'-9")	1.98 m (6'-6")	7.83 m (25'-9")
v5	1.07 m (3'-6")	1.68 m (5'-6")	h5	3.87 m (12'-9")	2.51 m (8'-3")	8.89 m (29'-0")
v6	910 (36)	1.52 m (5'-0")	h6	4.24 m (13'-11")	2.18 m (7'-2")	8.60 m (28'-3")
v7	760 (30)	1.37 m (4'-6")	h7	4.24 m (13'-11")	2.79 m (9'-2")	9.82 m (32'-3")

IDOT STANDARD 542121

REINFORCED CONCRETE END SECTIONS FOR MULTIPLE PIPE CULVERTS

DETAILS SHOWN ARE NOT TO SCALE

No.	Drawing Issue Description	Date	By

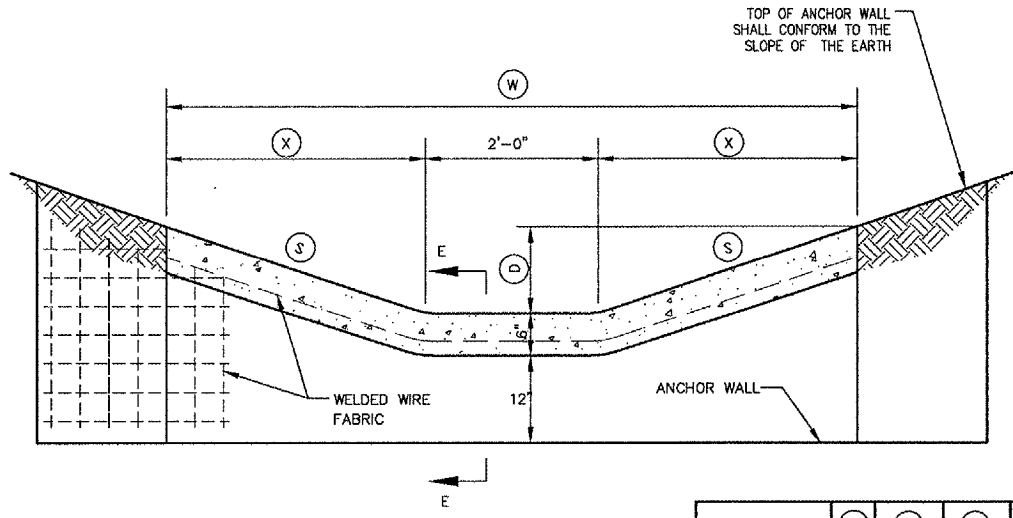
Date
MAY 5, 2006
Sheet Title

TWIN 60-INCH RCP
CULVERT PIPE END
SECTION

840-05C8046
Project Number
LDH 04/20/06
Layout By Date
LDH 04/20/06
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By Date
Sheet No.

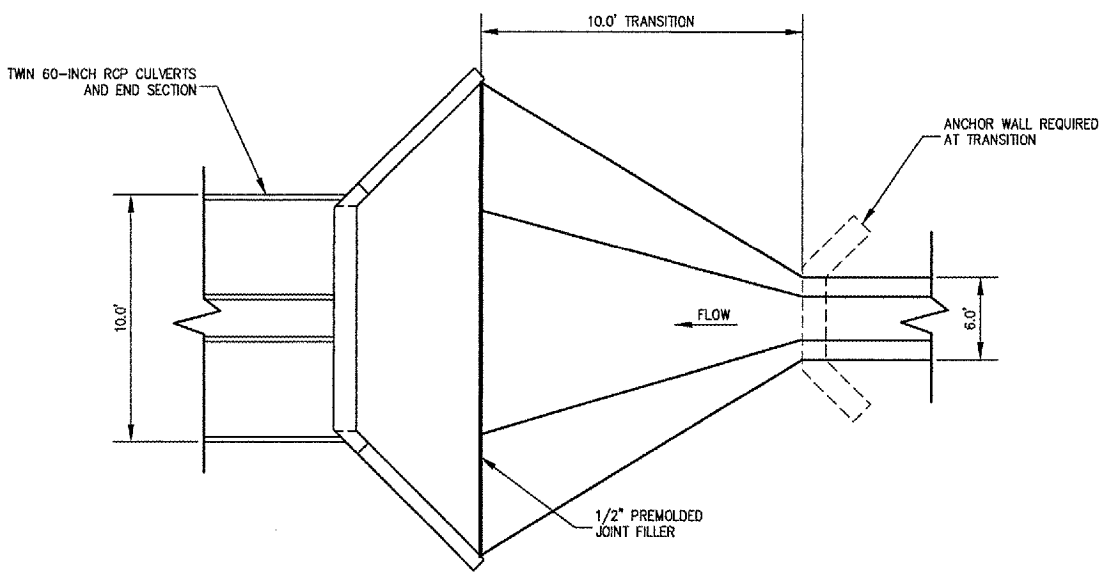
46

P:\05\0025\002501\05C8046\UPPARINGS\146-DRAINAGE DETAILS.DWG MAY 08, 2006 4:55PM LDH



TYPE	D	W	X	S
B-37	15"	12'-0"	5'-0"	1:4
B-15	6"	6'-0"	2'-0"	1:4

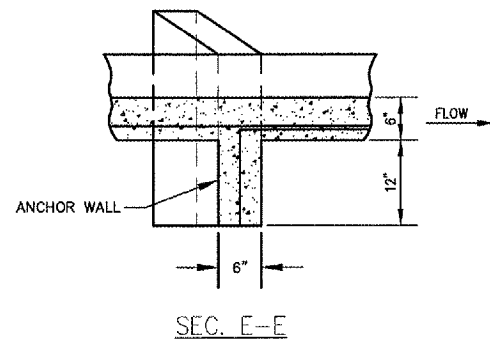
PAVED DITCH CROSS SECTION



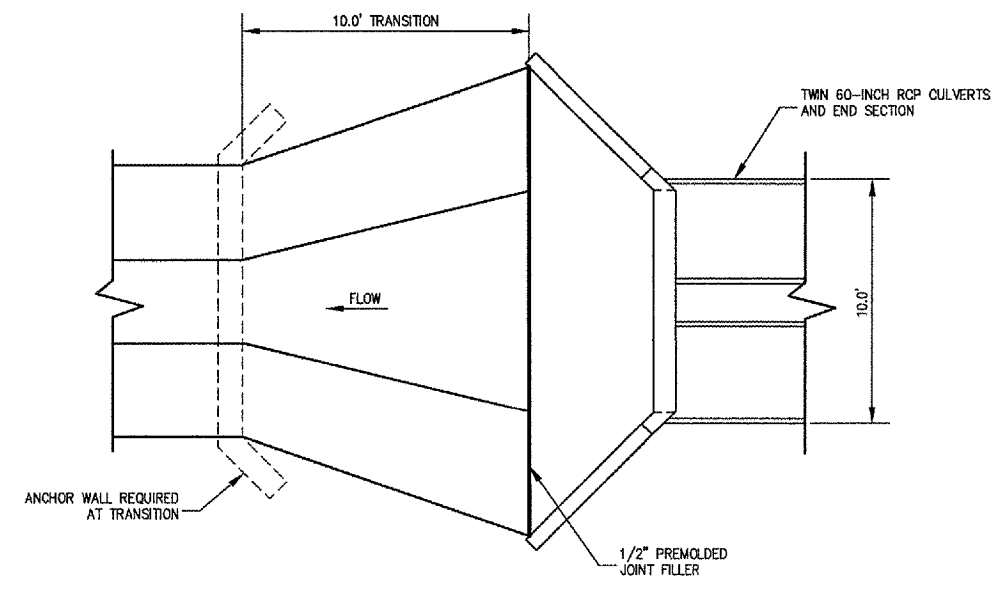
TRANSITION TO CULVERT HEADWALL
EAST PAVED DITCH

NOTES

- ITEM 610 PC CONCRETE SHALL BE USED THROUGHOUT.
- WELDED WIRE FABRIC SHALL BE 6"x6" MESH, #4 GAGE, 58 LBS. PER 100 SQ. FT., CONFORMING TO THE REQUIREMENTS OF AASHTO M-55.
- 1/2 INCH PREMOULDED JOINT FILLER SHALL BE PLACED AT THE JUNCTION OF PAVED DITCH WITH ANY OTHER STRUCTURE.
- ANCHOR WALLS SHALL BE SPACED AT NOT MORE THAN 50 FOOT INTERVALS.
- ANCHOR WALLS SHALL BE CONSTRUCTED MONOLITHICALLY WITH THE PAVED DITCH.
- AT THE OPTION OF THE CONTRACTOR, #3 REINFORCING BARS PLACED AT 12 INCH CENTERS LONGITUDINALLY IN PAVED DITCH AND VERTICALLY IN ANCHOR AND CUT-OFF WALLS MAY BE USED IN LIEU OF THE WELDED WIRE FABRIC.
- THE COST OF FURNISHING AND PLACING THE JOINT FILLER AND WELDED WIRE FABRIC OR THE #3 REINFORCING BARS WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE PAVED DITCH.
- TOOLED OR SAWED CONTROL JOINTS ARE TO BE PLACED AT A SPACING NOT TO EXCEED 15' APART. NO SECTION IS TO BE SHORTER THAN 4'.
- EXPANSION JOINTS WITH 1/2" PREMOULDED JOINT FILLER TO BE PLACED AT A SPACING NO GREATER THAN 75'.
- C.I.P. = CAST-IN-PLACE



PAVED DITCH AND ANCHOR WALL
IDOT STANDARD 2258-5



TRANSITION FROM CULVERT HEADWALL
WEST PAVED DITCH

No.	Drawing Issue	Description	Date	By

Date

Sheet Title

PAVED DITCH DETAIL

840-05C8046
Project Number
LDH 01/12/06
Layout By Date
LDH 01/12/06
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By

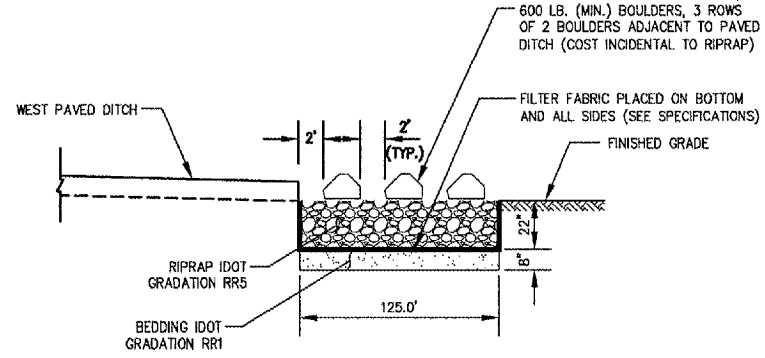
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No.	Drawing Issue Description	Date	By

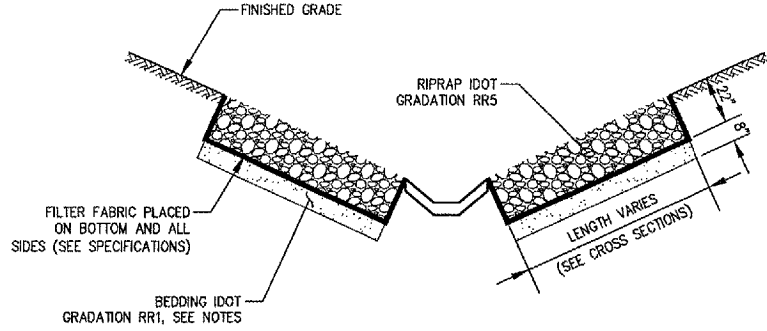
Date
 MAY 5, 2006
 Sheet Title

DRAINAGE DETAILS

840-05C8046
 Project Number
 LDH 01/12/06
 Layout By Date
 LDH 01/12/06
 Designed By Date
 CRC 05/05/06
 Reviewed By Date
 LDH
 Drawn By
 Sheet No.

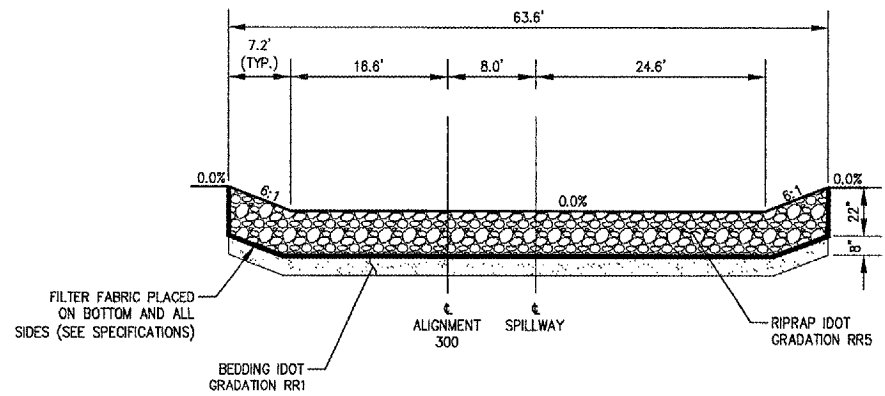


SECTION A-A

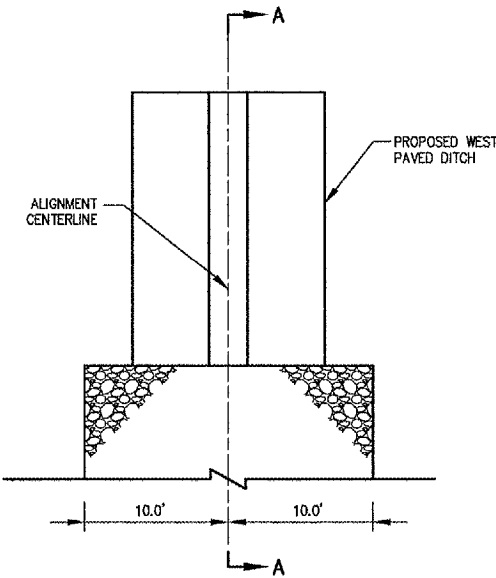


SECTION B-B

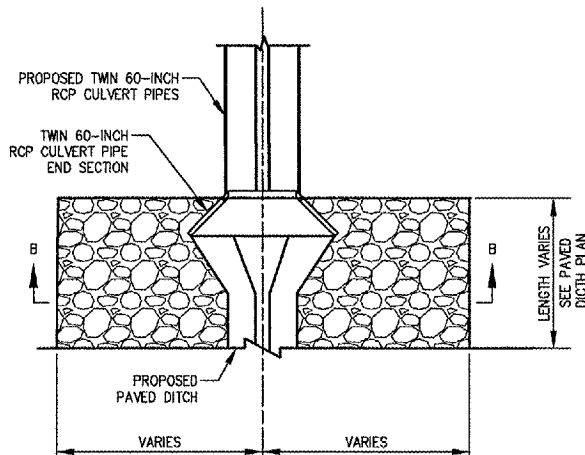
- NOTES:
 1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.
 2. SEE PLAN FOR DIMENSIONS.
 3. CA-3 MAY BE SUBSTITUTED FOR BEDDING MATERIAL.



RIPRAP AT BASIN 5 SPILLWAY

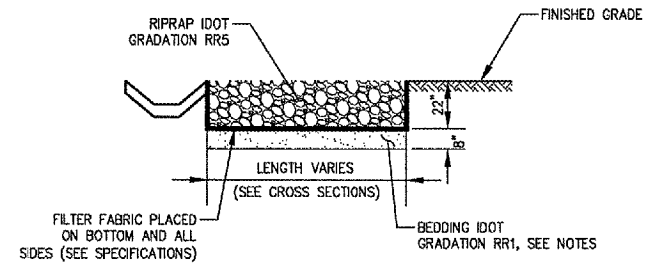


RIPRAP AT WEST PAVED DITCH OUTLET



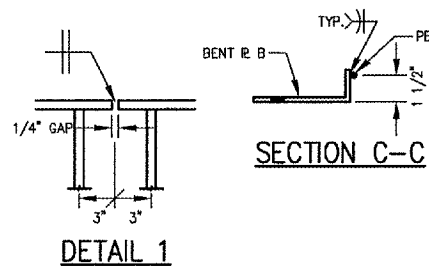
RIPRAP AT TWIN 60-INCH RCP
 CULVERT PIPE INLET/OUTLET

- NOTE
 1. COST OF FILTER FABRIC IS INCIDENTAL TO RIPRAP.

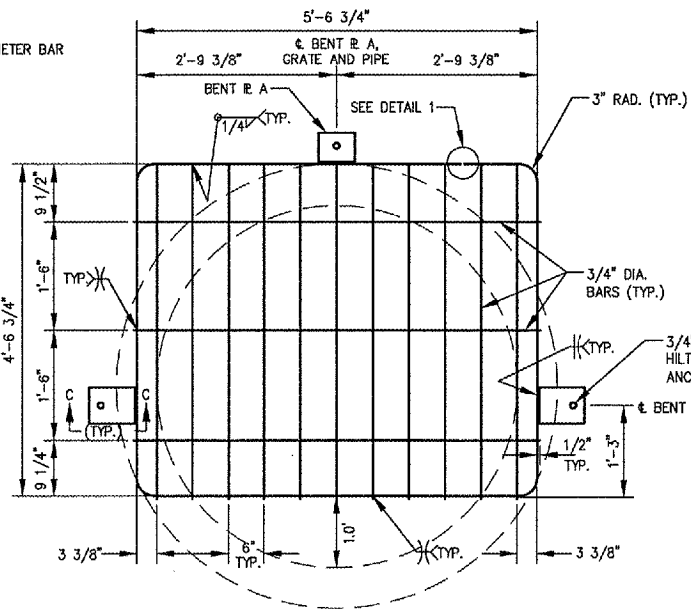


RIPRAP AT EAST PAVED DITCH

FILL ABOVE EXISTING GRADE PLACED TO COVER PIPE SHALL BE PAID UNDER ITEM AR152410. COMPACTED TO 90% COHESIVE SOILS TO ASTM D-698 C OR D (STANDARD PROCTOR) SEE SPECIAL PROVISIONS.

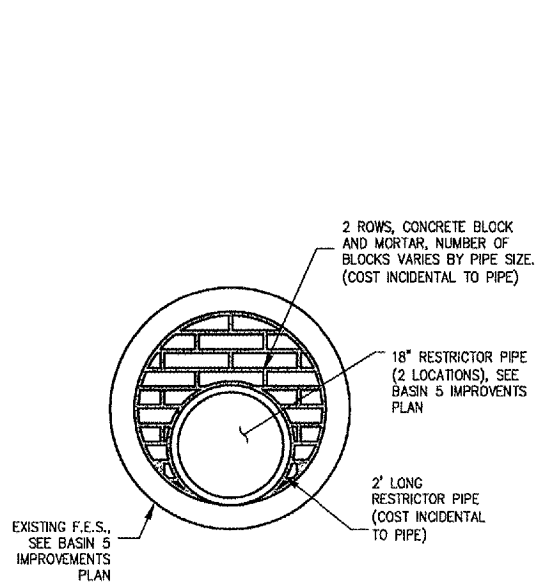


SECTION C-C

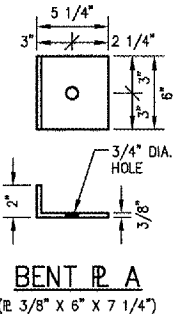


GRATING FOR 60" RCP AT END SECTION
 (PAID FOR UNDER ITEM AR800975)

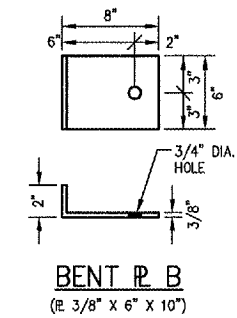
- NOTES
 1. BARS AND PLATES ARE HOT ROLLED STEEL.
 2. BARS AND PLATES AND BOLTS ARE GALVANIZED. HOT DIP ASSEMBLY PER ASTM A153.
 3. HORIZONTAL BARS ARE UNDER THE PERIMETER BAR.
 4. VERTICAL BARS ARE ON TOP OF THE PERIMETER BAR.
 5. AT OUTSIDE CONNECTION LOCATION, BENT B REQUIRED TO BE FLUSH WITH WINGWALL FACE.



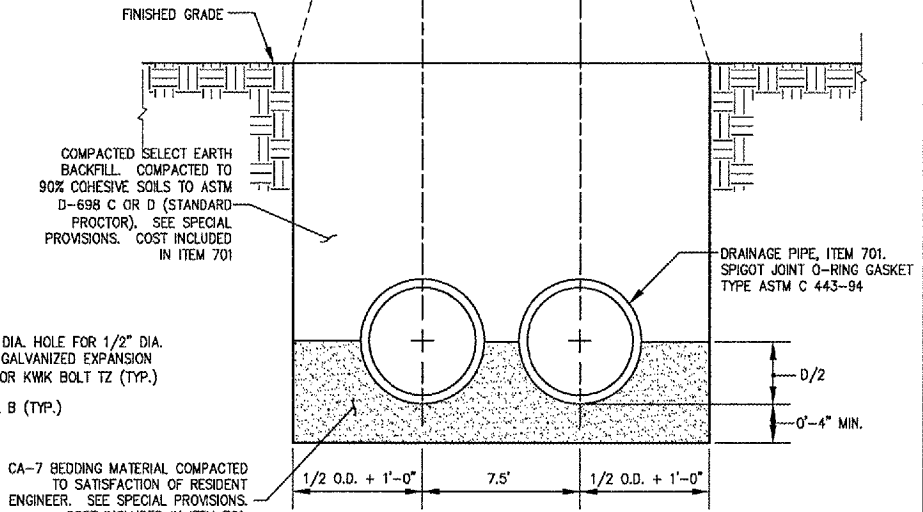
RESTRICTOR PIPE



BENT R A
 (R 3/8" X 6" X 7 1/4")



BENT R B
 (R 3/8" X 6" X 10")



- NOTES
 1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REPLACED WITH CA-6 BACKFILL UNDER CA-7, PAID UNDER ITEM AR800926.

PIPE TRENCH



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

STORM WATER POLLUTION PREVENTION NOTES

GENERAL

THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENT MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.

THE MAINTENANCE OF ALL STORM WATER POLLUTION PREVENTION MEASURES IS INCIDENTAL TO THE ASSOCIATED ITEM.

POLLUTION PREVENTION MEASURES

THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHERE EVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONTROL MEASURES.

POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.

THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.

ADDITIONAL STORMWATER POLLUTION PREVENTION MEASURES ARE EXISTING ON SITE LOCATED AT DRAINAGE FACILITIES AND ALONG THE PROPERTY LINE.

LANDSCAPING NOTES

1. OUTER LIMITS OF TOPSOILING, SEEDING AND MULCHING TO FOLLOW THE LIMITS SHOWN ON THIS SHEET. ADDITIONAL INFORMATION ON THE EARTHWORK LIMITS CAN BE FOUND ON THE CROSS SECTIONS AND STAKING PLAN.
2. ALL UTILITY TRENCHES TO BE SEEDED AND MULCHED OUTSIDE OF PAVEMENT AREAS, COST INCIDENTAL TO ASSOCIATED UTILITY ITEM.
3. AREAS SHOWN TO BE SEEDED WITH CONSERVATION COVER ARE NOT TO BE TOPSOILED OR MULCHED.

LEGEND

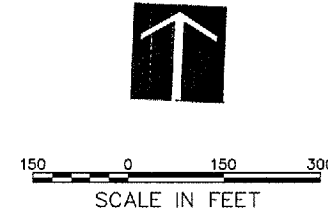
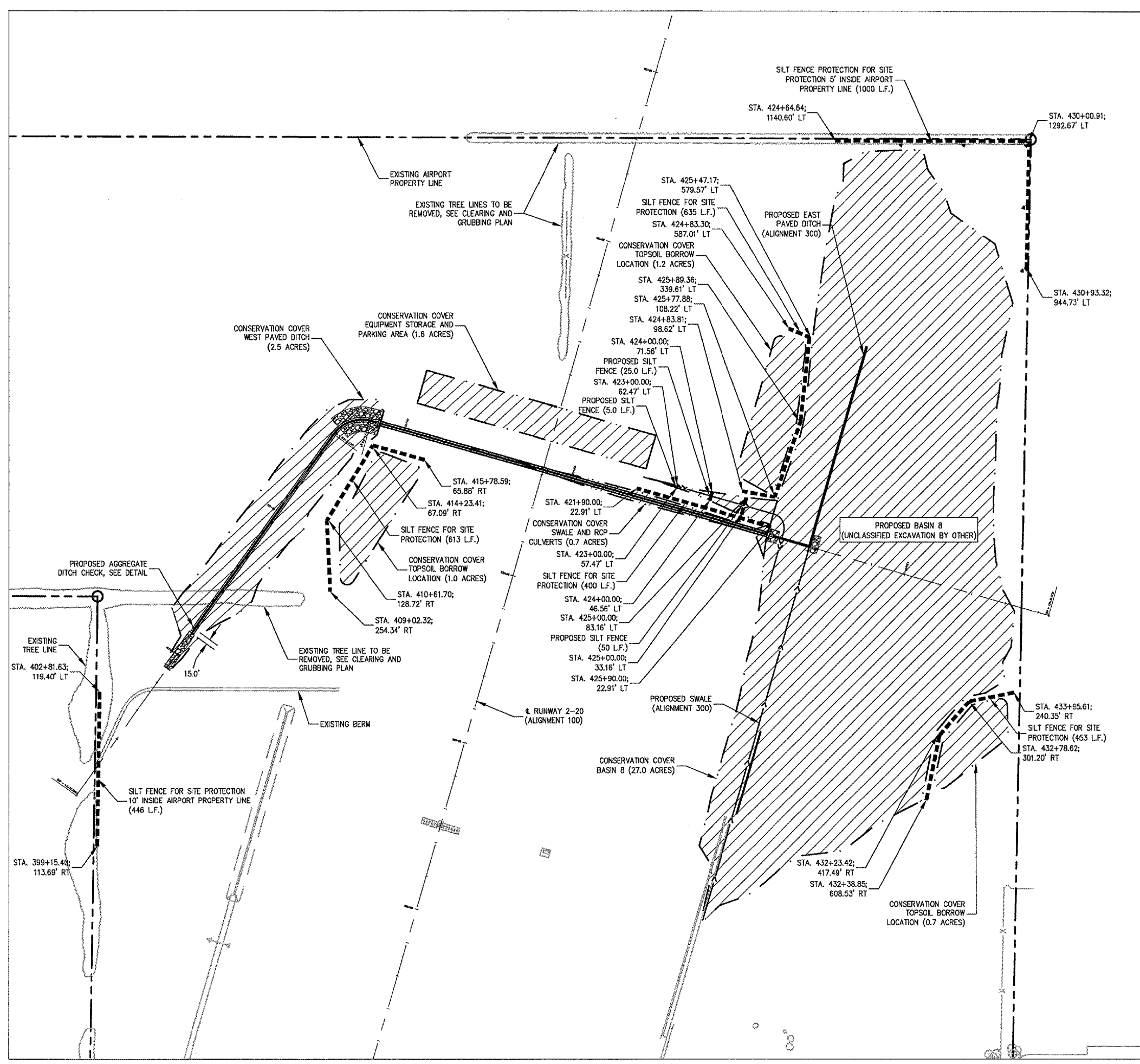
- CONSERVATION COVER, ITEM AR800937 (34.7 ACRES)
- PROPOSED SILT FENCE, ITEM AR156510 (3627 L.F.)
- LIMITS OF CONSERVATION COVER AND SEEDING

No.	Drawing Issue	Description	Date	By

Date
MAY 5, 2006
Sheet Title

LANDSCAPING AND STORMWATER POLLUTION PREVENTION PLAN

840-05C8046
Project Number
LDH 10/06/05
Layout By Date
LDH 10/06/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By Sheet No.



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HANSON PROFESSIONAL SERVICES INC.

815 Commerce Drive, Suite 200
Oak Brook, Illinois 60523
Telephone: 630.990.3800
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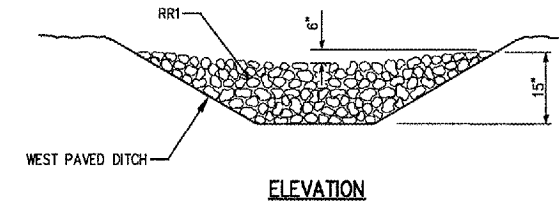
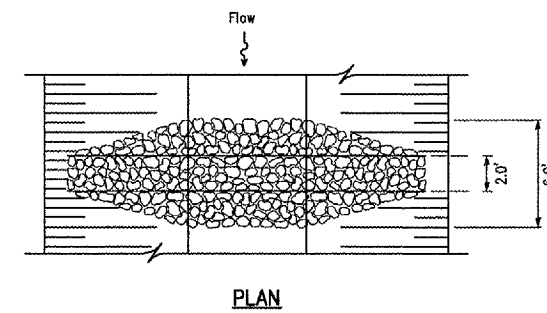
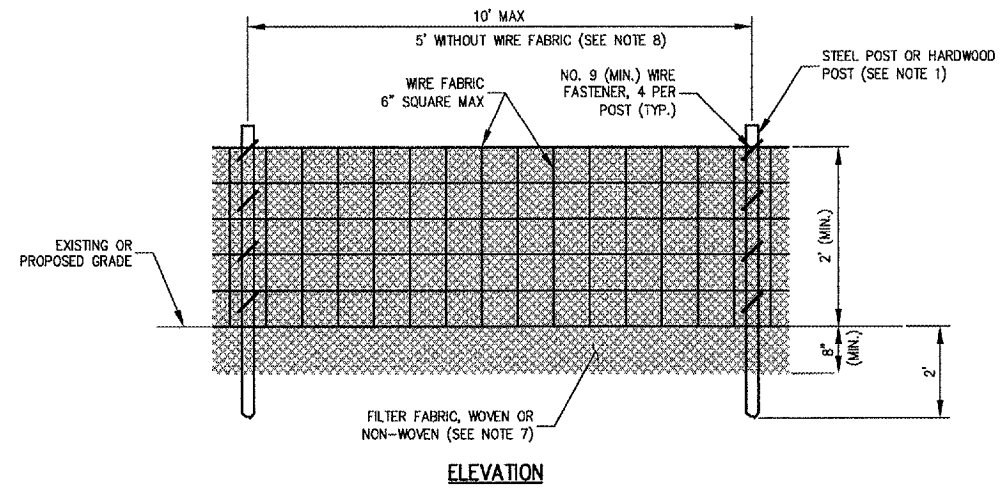


JOLIET REGIONAL PORT DISTRICT

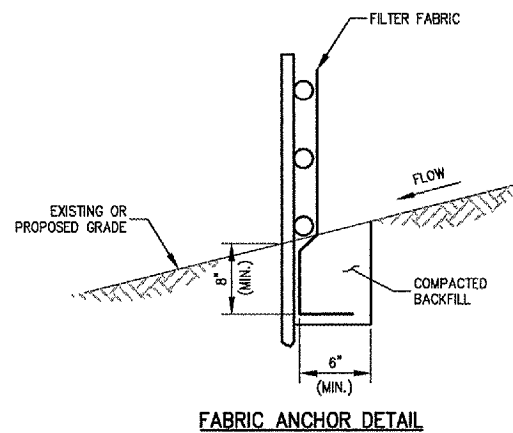
1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



AGGREGATE DITCH CHECK



SILT FENCE PLAN

NOTES:

1. FENCE POST SHALL BE EITHER STEEL "1" 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 PERFORMED AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.
10. FENCE POSTS SHALL BE REMOVED WHEN DIRECTED AT PROJECT END.

No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

STORMWATER POLLUTION PREVENTION DETAILS

840-05C8046
Project Number
LDH 10/07/05
Layout By Date
LDH 10/07/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH --- ---
Drawn By Sheet No.

DETAILS SHOWN ARE NOT TO SCALE

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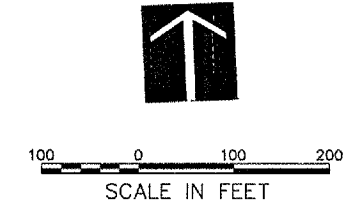
JOLIET REGIONAL PORT DISTRICT

1 Hangar Road
Romeoville, Illinois 60446
Telephone: 815.838.9497
Fax: 815.838.9524

CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

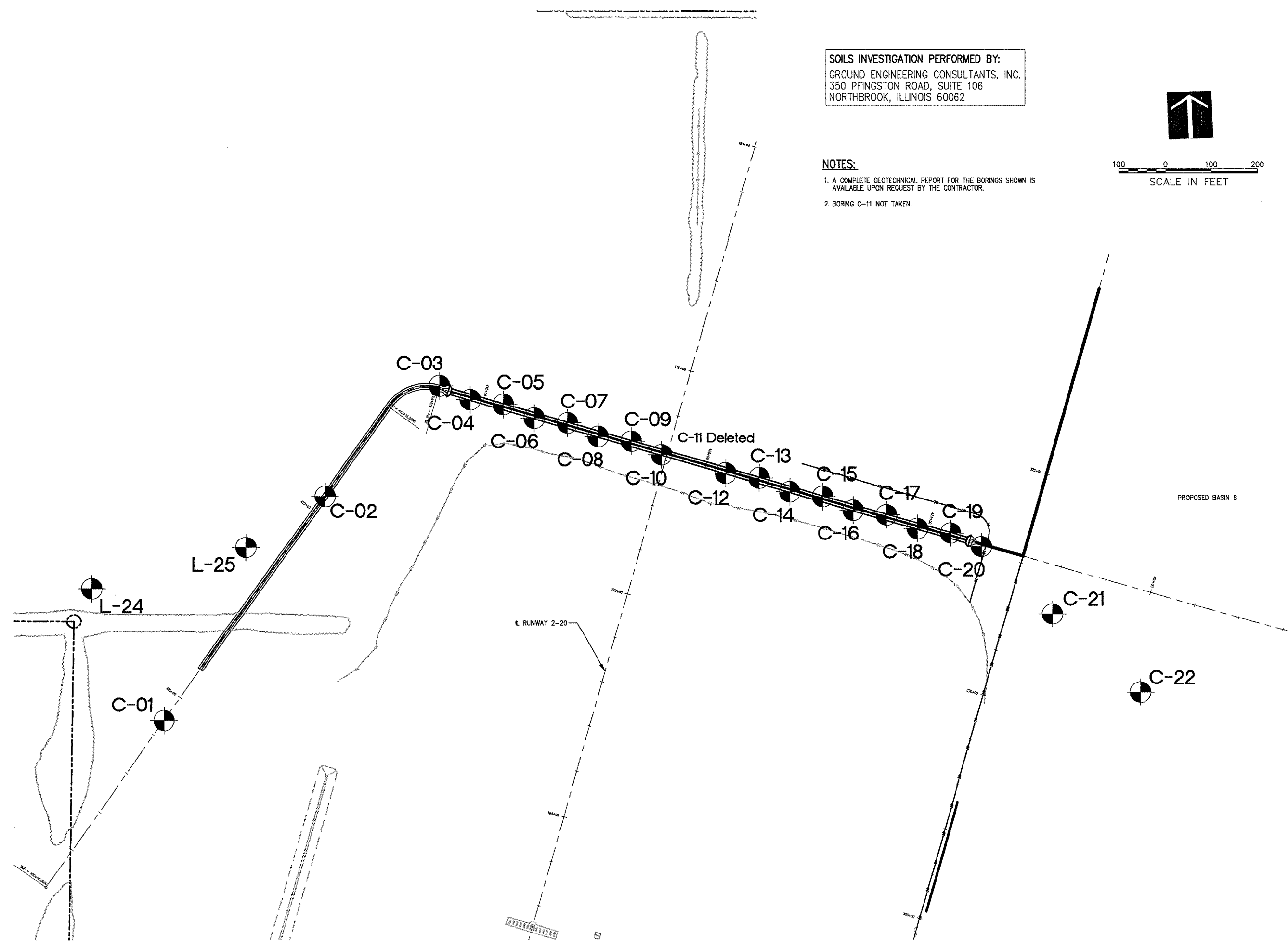
AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

SOILS INVESTIGATION PERFORMED BY:
GROUND ENGINEERING CONSULTANTS, INC.
350 PFINGSTON ROAD, SUITE 106
NORTHBROOK, ILLINOIS 60062



NOTES:

- 1. A COMPLETE GEOTECHNICAL REPORT FOR THE BORINGS SHOWN IS AVAILABLE UPON REQUEST BY THE CONTRACTOR.
- 2. BORING C-11 NOT TAKEN.



No.	Drawing Issue Description	Date	By

Date
MAY 5, 2006
Sheet Title

BORING LOCATION MAP

840-05C8046
Project Number
LDH 10/06/05
Layout By Date
LDH 10/06/05
Designed By Date
CRC 05/05/06
Reviewed By Date
LDH
Drawn By

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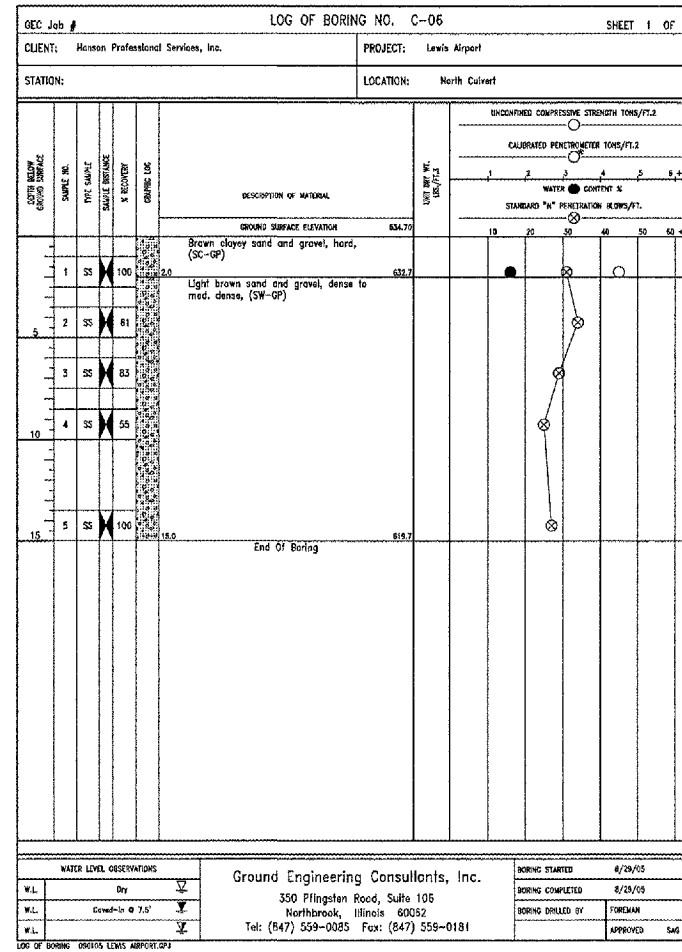
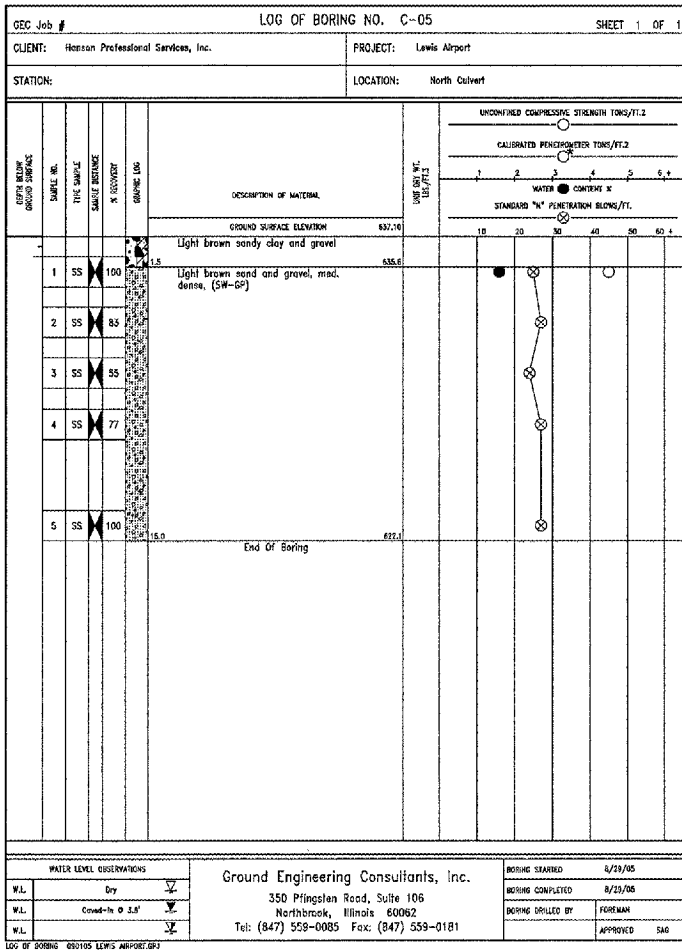
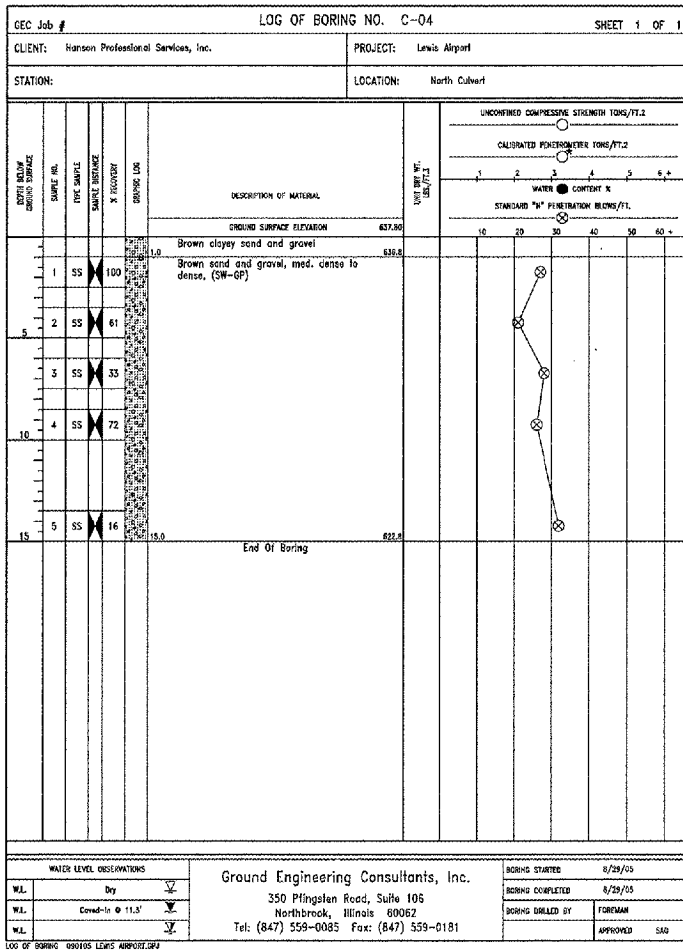
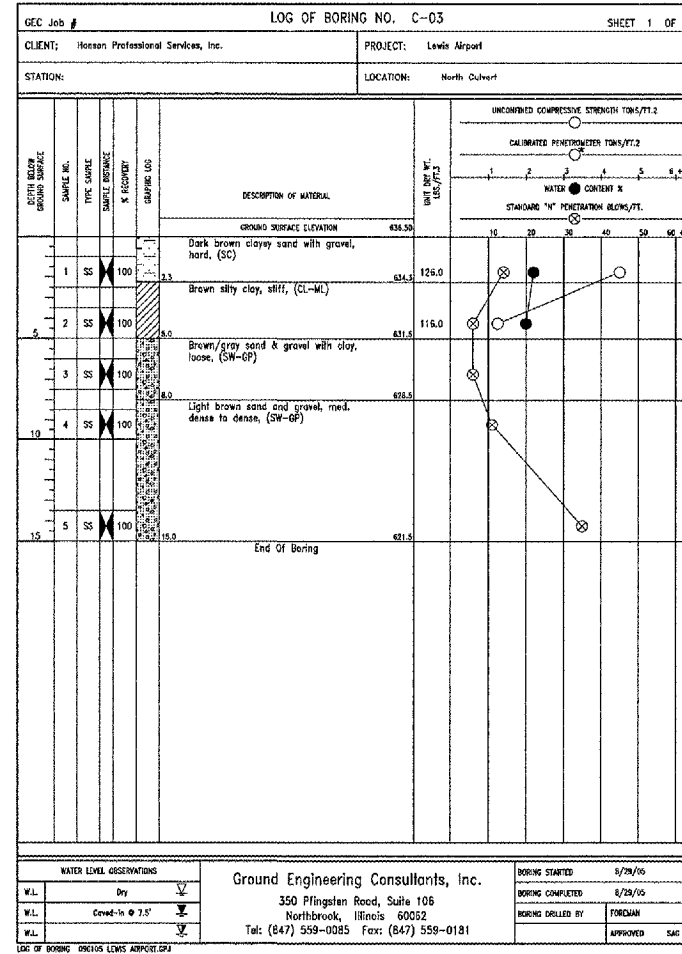
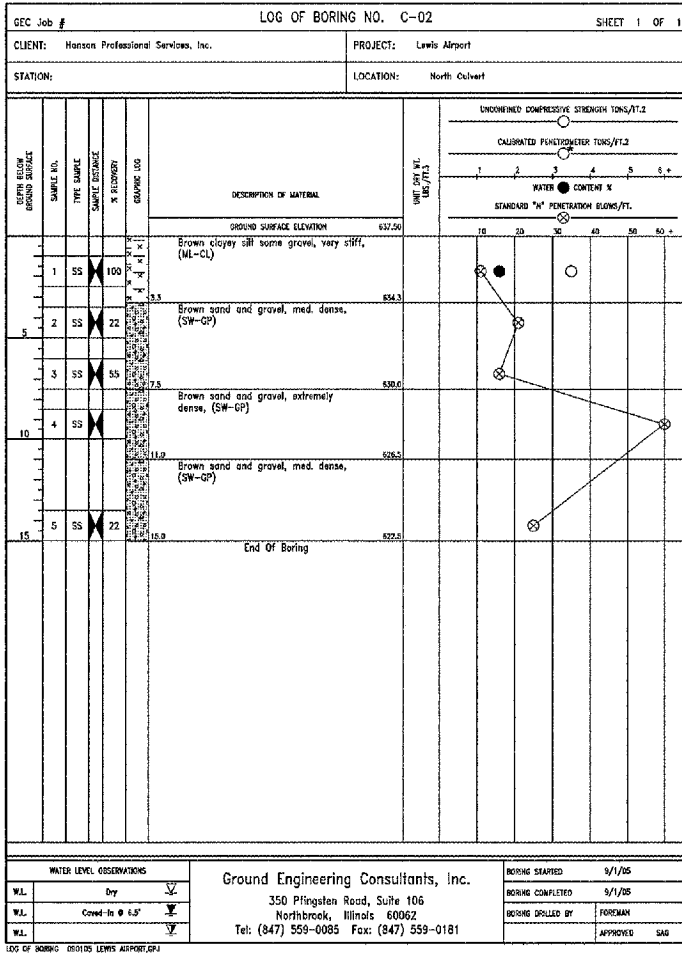
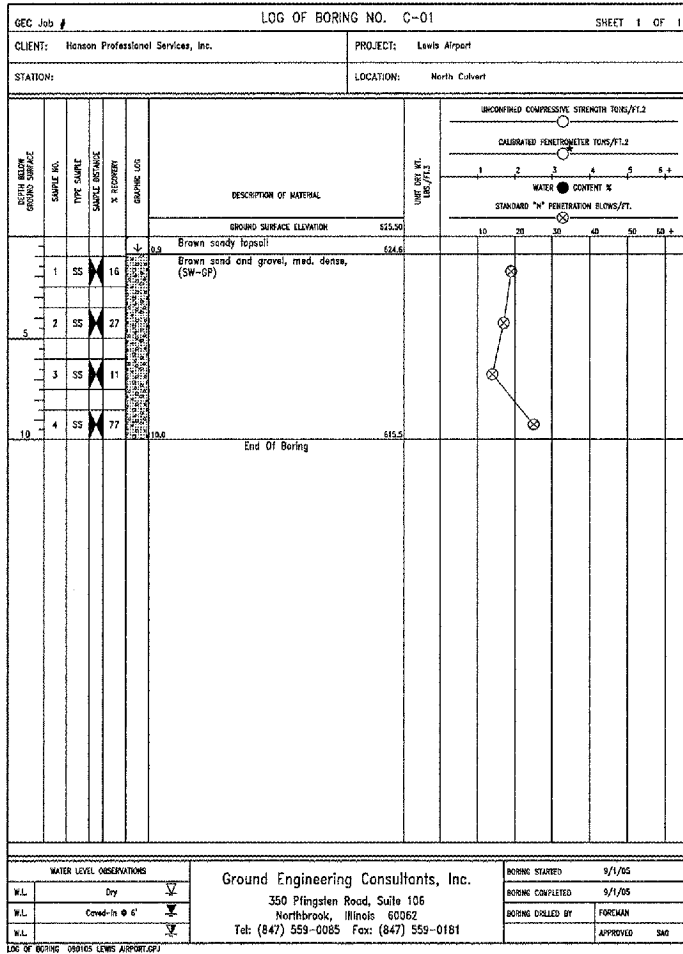


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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596



No.	Drawing Issue Description	Date	By

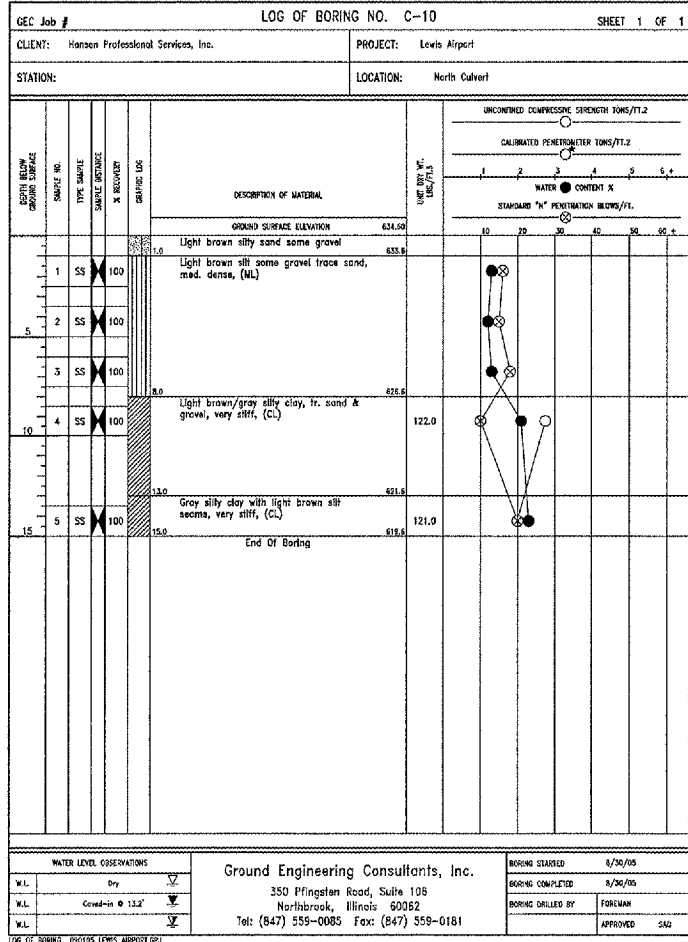
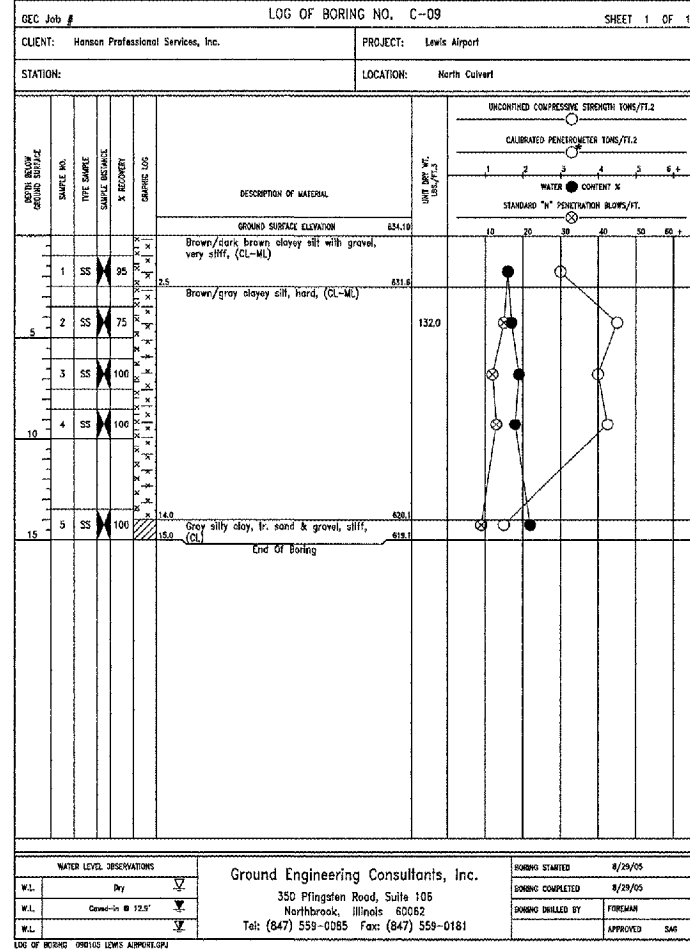
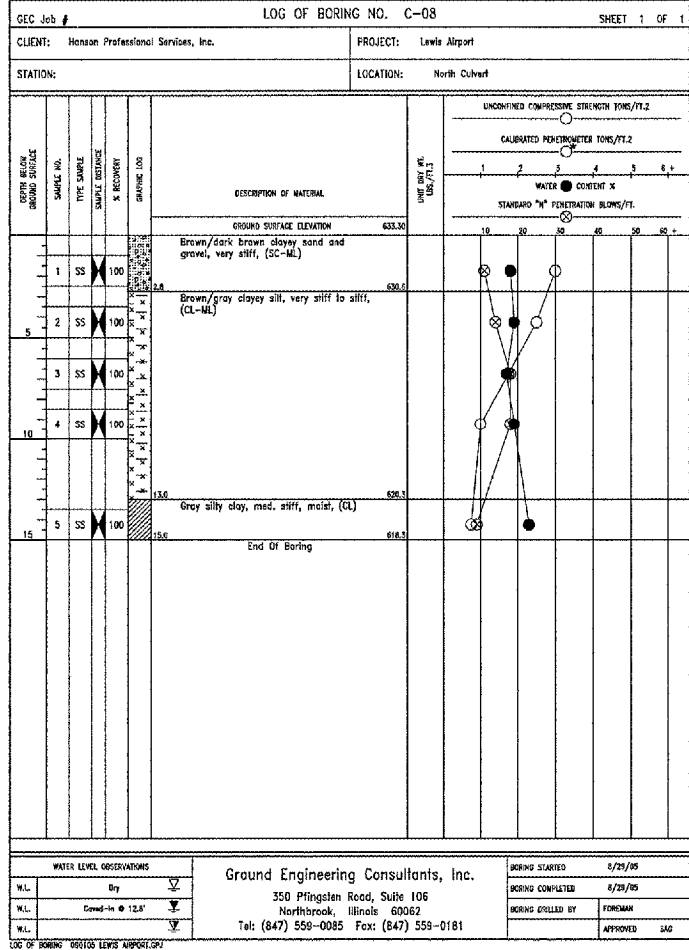
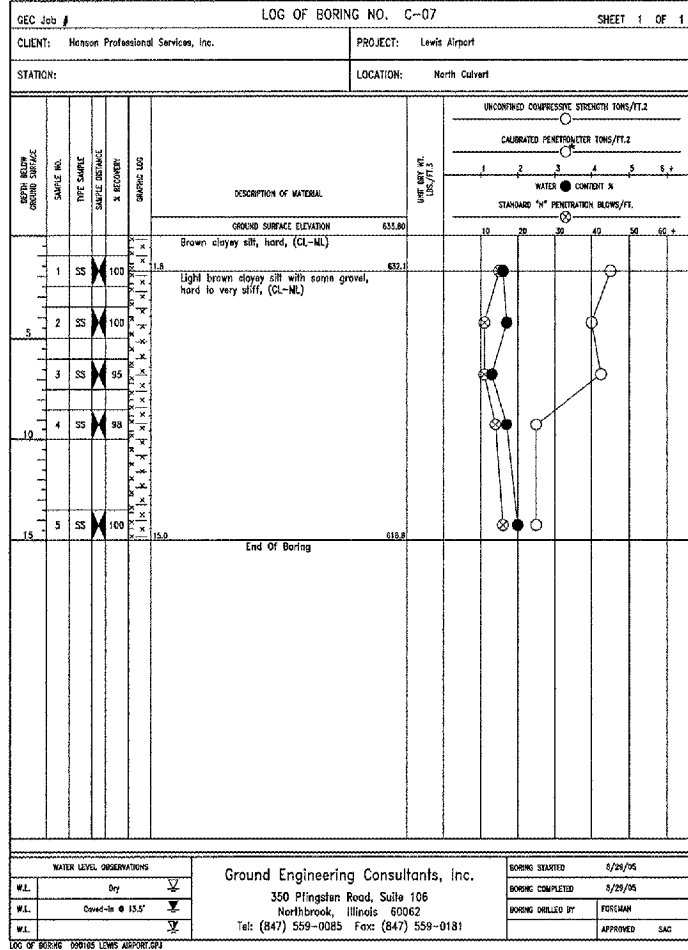
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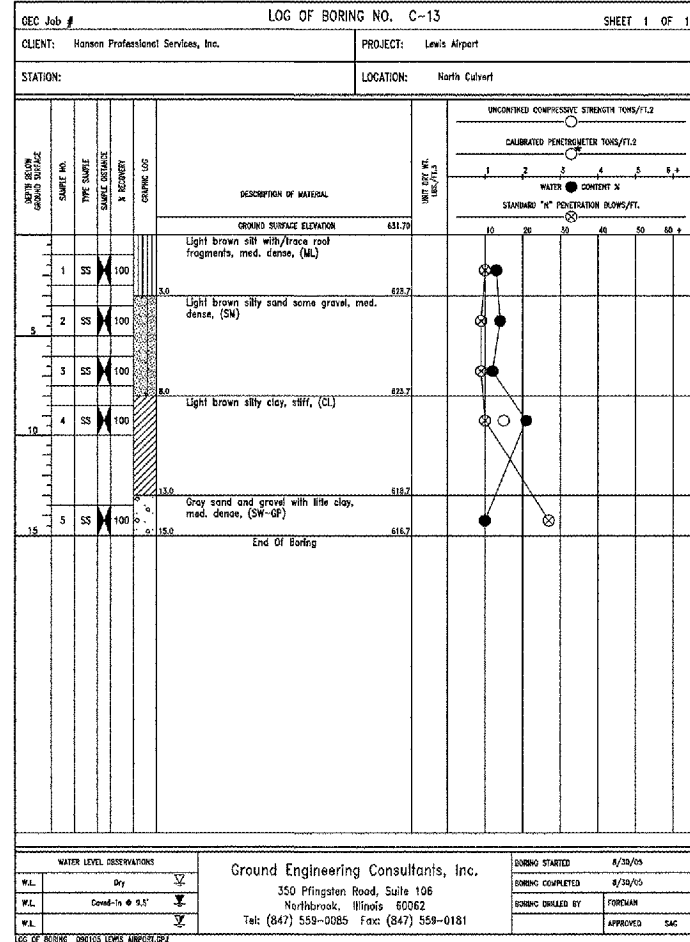
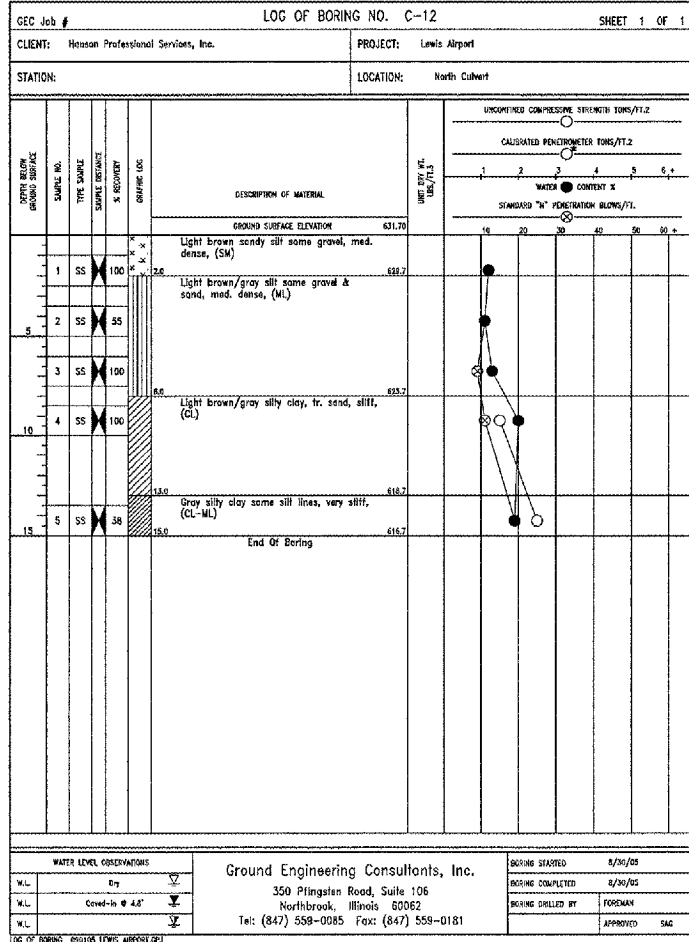
840-05C8046
Project Number
LDH 10/06/06
Layout By Date
LDH 10/06/06
Designed By Date
CRC 05/05/06
Reviewed By Date
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BORING C-11 NOT TAKEN



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

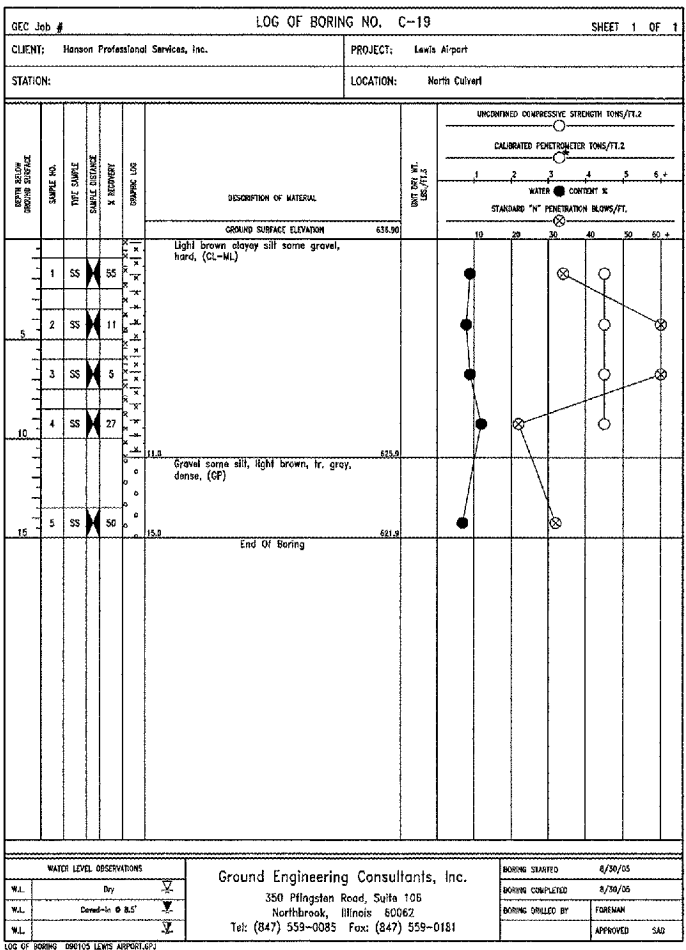
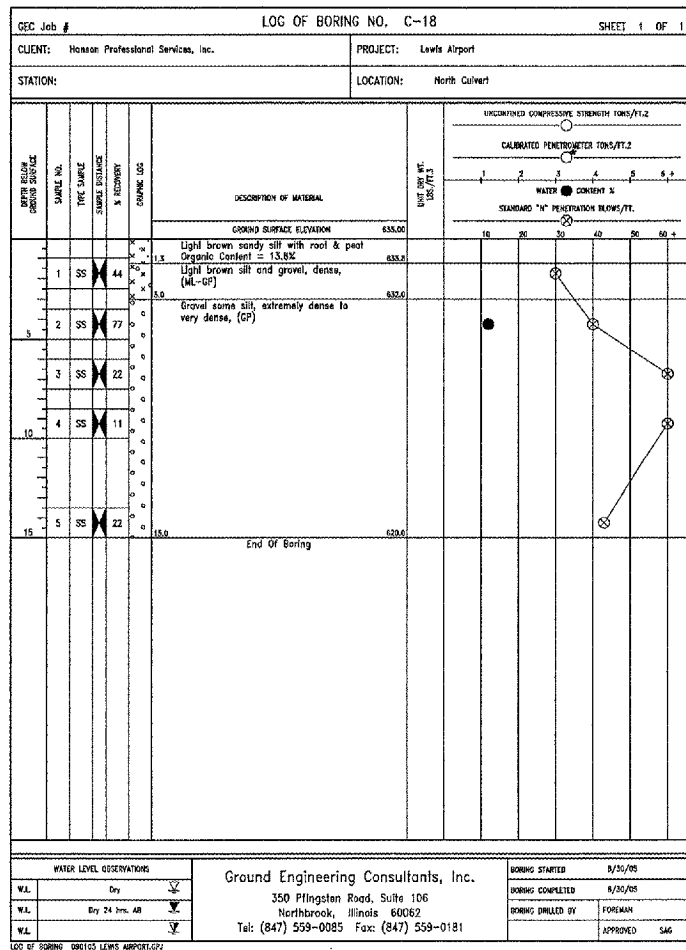
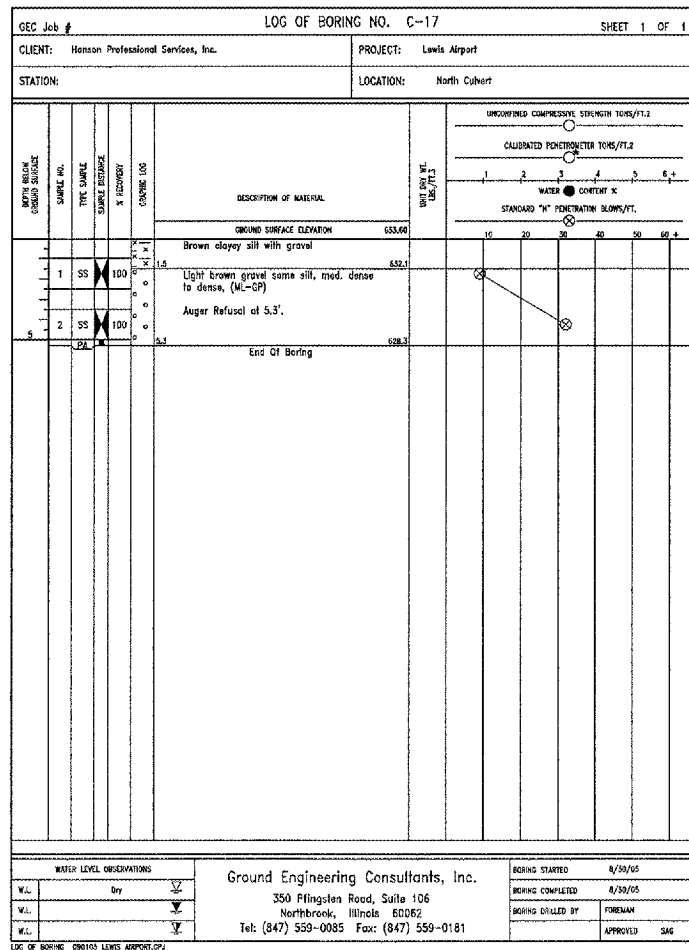
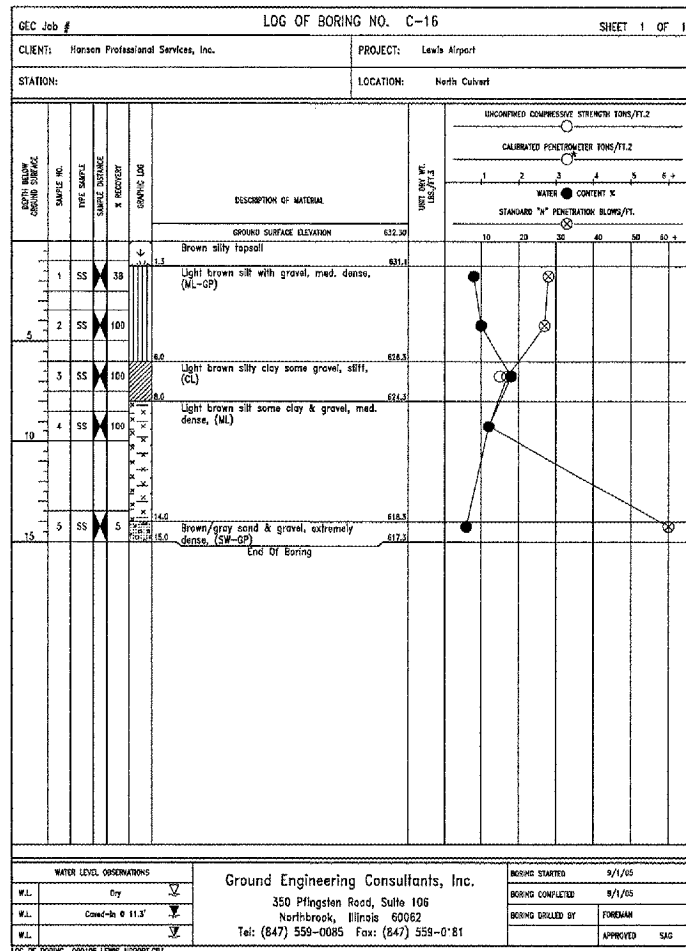
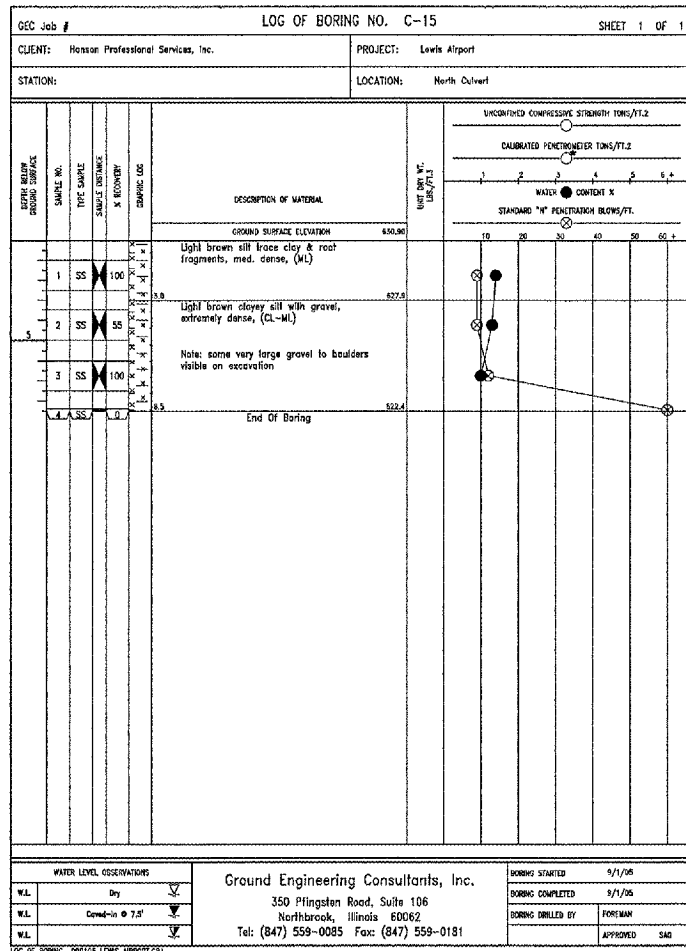
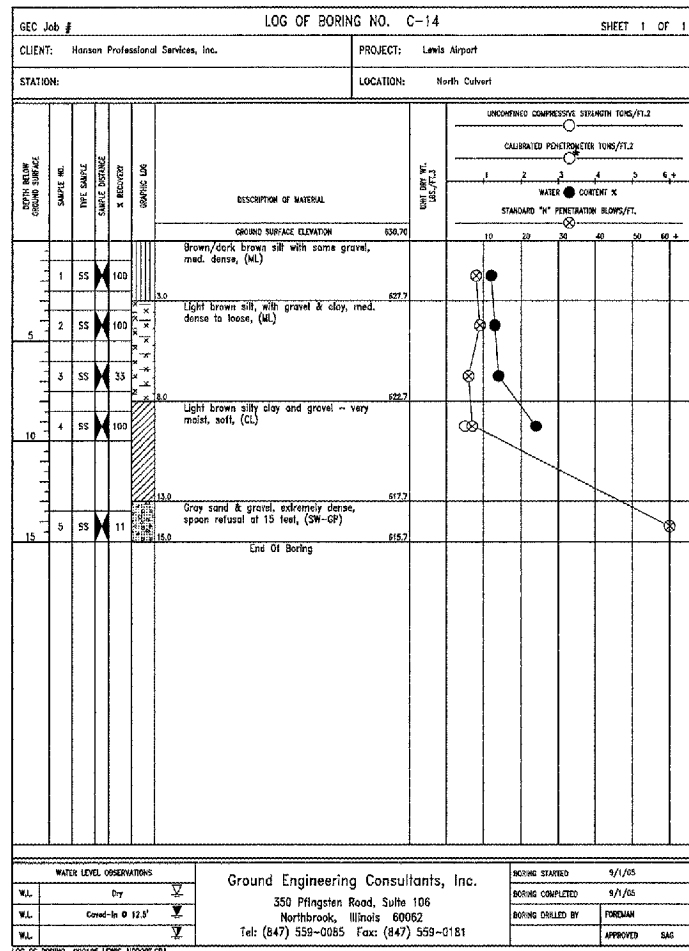
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MAY 5, 2006
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AND C-13

840-05C8046
Project Number
LDH 10/06/06
Layout By Date
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Designed By Date
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53

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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

No.	Drawing Issue Description	Date	By

Date: MAY 5, 2006
Sheet Title:

BORING LOGS
C-14 THRU C-19

840-05C8046
Project Number
LDH 10/06/06
Layout By Date
LDH 10/06/06
Designed By Date
CRC 05/05/06
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Date

54

A: [LOCALS] [JOB#] [DESCRIPTION] [DRAWINGS] [SHEETS] [54]-BORING LOGGING MAY 08, 2009 1:56PM LDH



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CONSTRUCT RUNWAY 2-20
DRAINAGE CULVERTS AND
IMPROVEMENTS

AIP PROJECT NO. 3-17-0140-B40
IDA PROJECT NO. LOT-3596

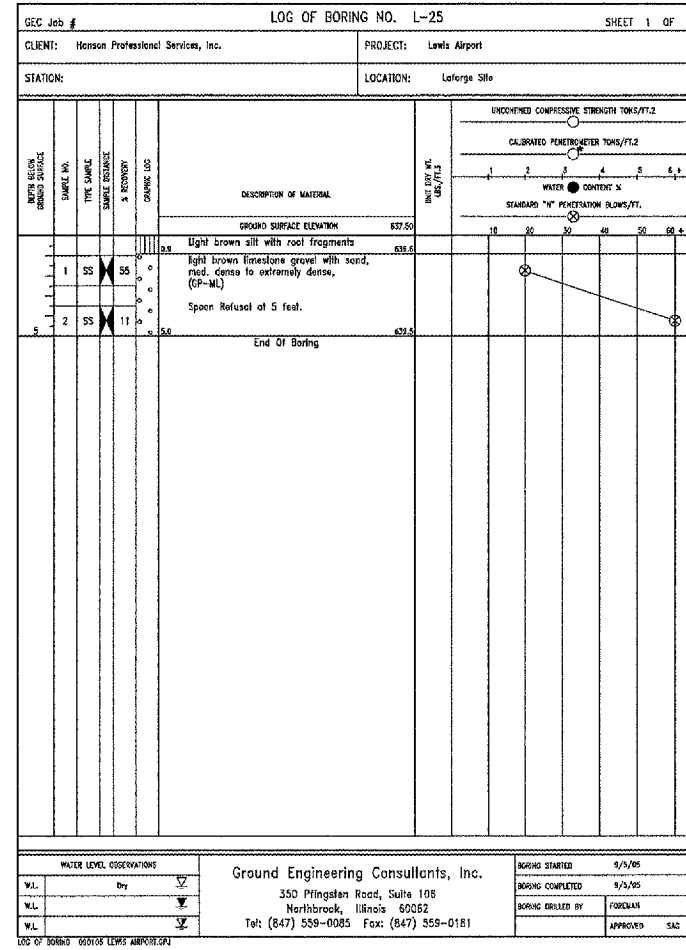
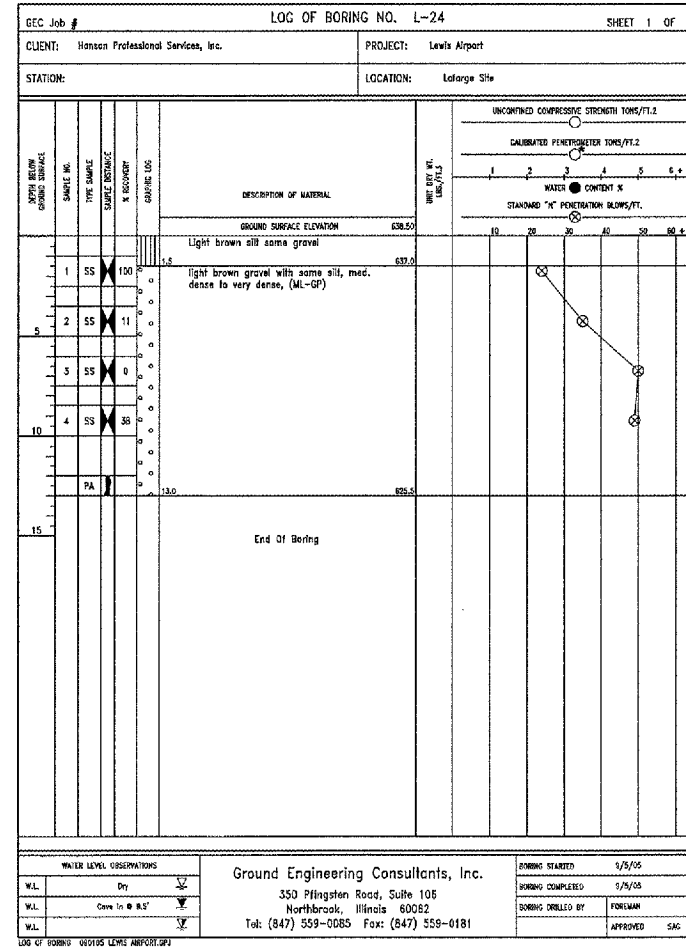
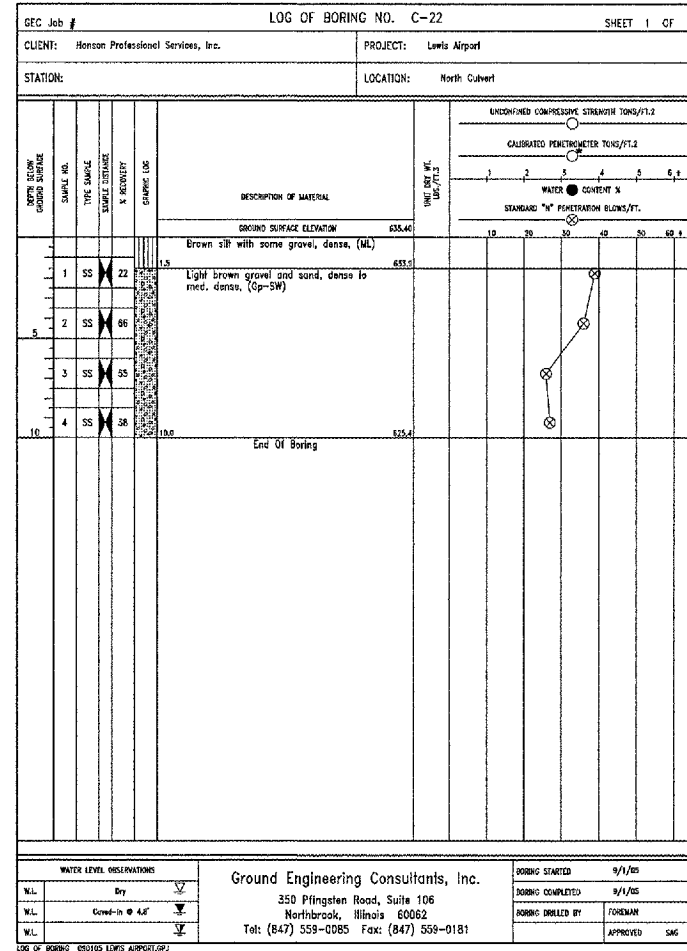
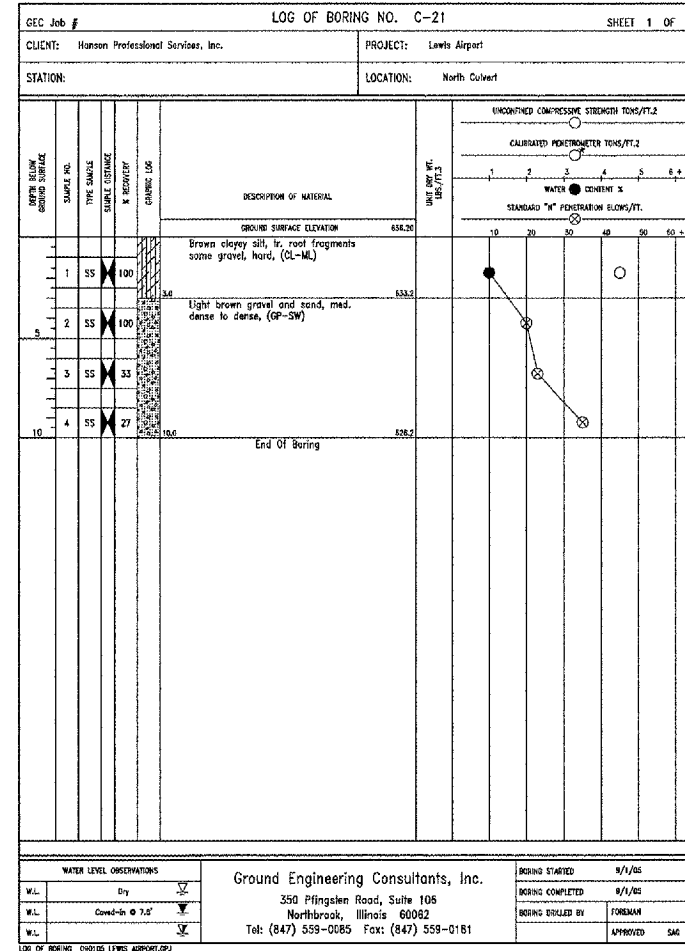
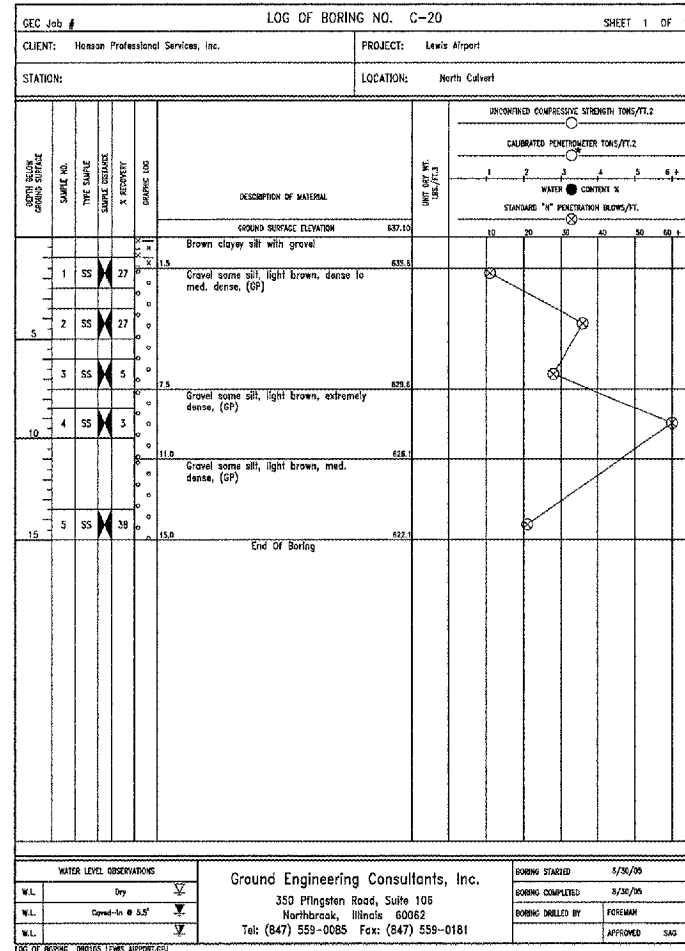


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Date MAY 5, 2006
Sheet Title

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L-24 AND L-25

840-05C8046
Project Number
LDH 10/06/06
LDH 10/06/06
CRC 05/05/06
55

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