



VISION BY DESIGN

VISION TIME

Model BA-1-0804-19

BASEBALL SCOREBOARD

SIZE: 8' x 4' 96" L x 48" H x 6.75" D	POWER 120V/220V 50/60 HZ 125 Watts	INSTALLED WEIGHT Approx. 180 lbs/82 kg
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SCOREBOARD FEATURES

- 24" digits for scoring
- 20.5" digit for inning
- Scoring to 19 per team
- Inning to 9
- Ball indicated by 3 LED clusters
- Strike indicated by 2 LED clusters
- Out indicated by 2 LED clusters
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	7"
GUEST	7"
INNING	7"
STRIKE	5"
OUT	5"
BALL	5"

STANDARD FEATURES

- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels illuminated or non-illuminated
- Wireless control
- Advertising panels available

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required

Software Engineer Log

This document notes all the tasks completed and to be completed by Greg Robertson in the position of Software Engineer at Hamilton Digital Design. This monthly log is designed as a note/memo system for the position and is not intended as a legal document.

Start Date: January 1st, 2004

Future Items:

1.

Completed Items

January 24 – 8:55 AM to 5:50 PM (9.75)

1. Admin: 5 min. I talked with Marlo. He was asking about the DVI-LINK project; and fishing for more work.
2. VS3: Continued programming of VIM.
- 3.

January 21 – 8:05 AM to 5:50 PM (9.75)

1. TS: Talked with Brian briefly about the SID software.
2. Admin: 20 min. Reviewed parts that Kelly dropped off.
3. TS: 40 min. Talked with Kevin from Insight. Tried to resolve a communications problem that he was having with the sign.
4. VS3: Continued programming.
5. Admin: 15 min. Timesheets completed.
6. Admin: 1 hr. Updated Windows.
7. Extensive work on VIM.
8. NAV updated.
- 9.

January 20 – 8:05 AM to 6:15 PM (10.00)

1. Admin: 1 hr. Jim explains changes for XLS file for Message Centers. Made changes to the spreadsheets and updated Jim on the status.
2. DVI-LINK: 20 min. Penny told about part change. Al told about Penny dropping item off to him when items are collected.
3. Admin: 10 min. Assisted Doris with XLS file error.
4. Admin: 10 min. Doris asked to contact Creative about the changed part. Creative is now informed.
5. Admin: 20 min. Purchase license for DeskPDF software. [US VISA]
6. Admin: 10 min. Installed registration code for DeskPDF. Doris is fully operational.
7. Sales: 30 min. Talked with Scott at Algoma Steel about the “wished” control of the 2-line sign with independent and network control. I updated Al about the options.
8. VS3: Continued programming.
9. Admin: 10 min. Pulled together a PDF file for Doris and Bob.
10. Video: 15 min. Reviewed parts issues from Car-San. Emailed a response.
11. TS: 1.5 hrs. Taught/Reviewed the SID software with Brian.
12. Admin: 30 min. Packed Integrys boxes.
13. Admin: 10 min. Spindles of cable returned to Bay 2.
14. H22: Reviewed Andy’s document and returned a note/comment to Andy & Ig.
15. VS3: Continued testing of the MPEG display problem.
- 16.

January 19 – 8:55 AM to 6:00 PM (9.00)

1. Admin: 10 min. Talked with Gordon about the final items that I worked on yesterday before I left.
2. TS: 10 min. Talked with Brian about the training on the SID software and the RF Transceiver problem that he was having.
3. Admin: 1 hr. Completed initial work on the various message center spreadsheets for Jim.
4. H22: 1 hr. Completed spreadsheet of PCB cost estimates. Emailed it Andy. Jim has a copy.
5. VS3: Continued VIM programming.
6. TS: 15 min. Talked with Lorna in Whitby. She needed to know that the wiring was going to be OK if service-people came in and moved it. I said that the signs could remain on. However, the workers should use electrical tape on the ends of the wires (separately) so that there were not static charges (etc) on the wires during moving. I also recommend that the converter box NOT be put inside the cubical wall.
7. DVI-LINK/Video: 30 min. Verified RJ45 parts. Wrong parts were entered into the pricing sheets and inventory system. However, we do have the correct part in-house.
8. VS3: VIM has HTML/HTM file viewing. I don't like the non-scaling.
- 9.

January 18 – 8:00 AM to 5:50 PM (9.75)

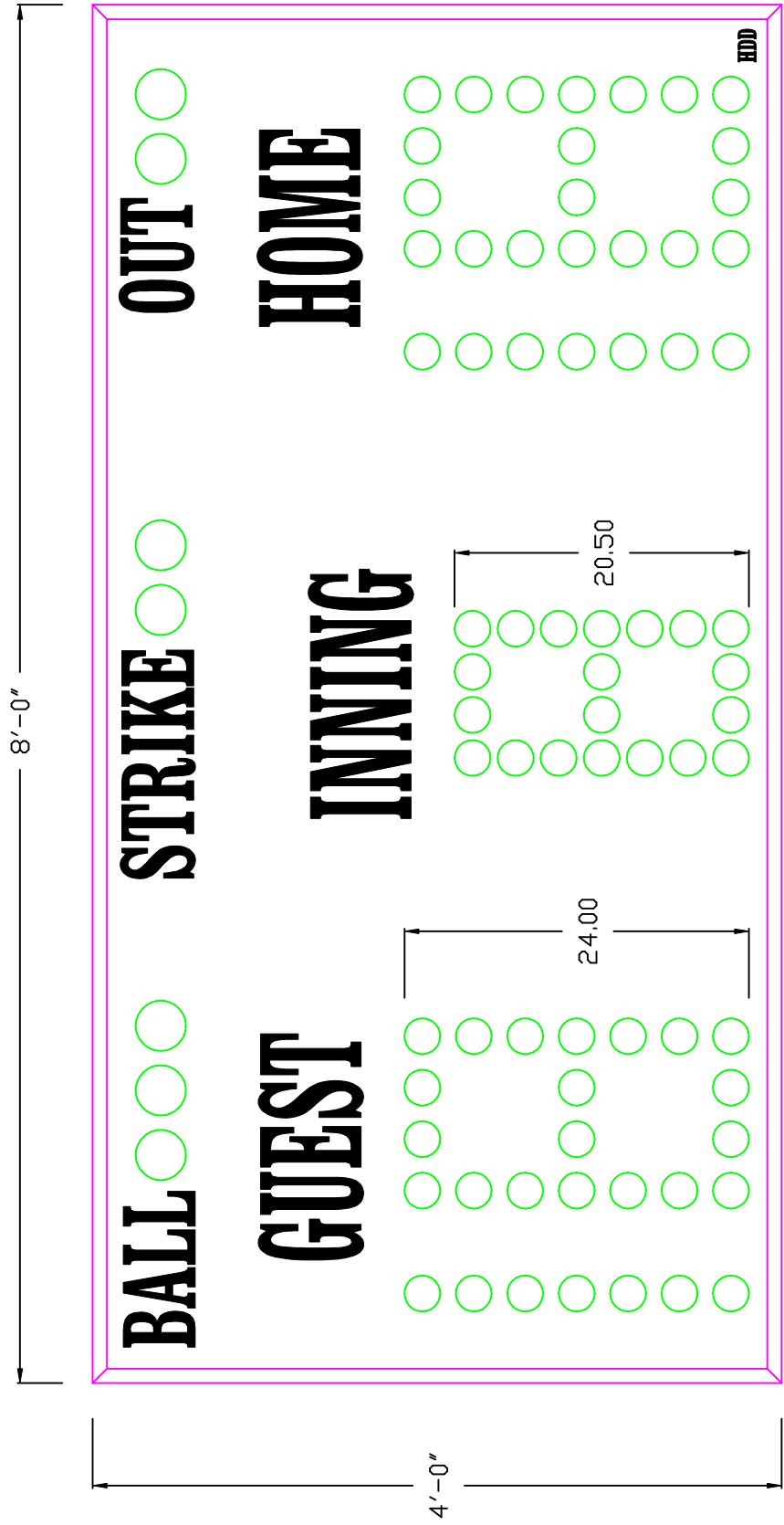
1. Admin: 1 hr. Completed email for Andy and Ig.
2. Admin: 1 hr. Started work on the XLS for Jim.
3. Admin: Spent the rest of the day assisting Gordon in trying to resolve Jim's Plant-PC problems. There is a definite conflict between NAV 2005 and WinXP-SP2.
- 4.

January 17 – 8:45 AM to 7:15 PM (10.50)

1. TS: 40 min. Called Lorna Whealy at Iroquois Park and left a message; I asked her to give me a call to verify the severity of the situation. I informed Bob and then Jim about the problem. Jim wants me to go with Dan to investigate the swamping out solution with the 3 indoor boards.
2. VS3: Continued programming VIM.
3. TS: Dealt with phone call and issues with Whitby. Dan and I are heading out to Iroquois Park today.
4. TS: 6.5 hours. Left for Whitby at 11:30 AM and returned at 6:00 PM. The 3 indoor signs are fixed at Whitby.
5. Admin: Emailed Ben at Arrow verifying my arrival at the seminar.
6. Admin: Emailed Liz at STS about the status of projects.
7. Admin: Emailed Andy noting the returned items.
8. Admin: Emailed Wayne and reminded him about the RAN.
9. Admin: Emailed Ken and reminded him about the price of panels.
10. Admin: Emailed Caroline at Car-San and asked for an ETA on the estimates.
11. Admin: Email summary to Jim, Brian, Bob, and Lorna.
12. Items above took 1.25 hours.
- 13.

January 14 – 8:35 AM to 6:00 PM (9.50)

1. H22: 30 min. Started work on a price evaluation method for boards. Jim gave me info from Century.
2. Future Project: 30 min. Talked with Jim about a 10mm outdoor board. How will the modules be designed?
3. TS: 10 min. Talked with Brian about a modem issue and special settings.
4. Admin: Jim and I briefly talked about the cost of boards.



HAMILTON DIGITAL
DESIGNS LTD.

MODEL #	BA-1-0804	DIGIT SIZE	24" & 20.5"	CAPTION SIZE	7" & 5"
SIZE	L=96" H=48"				



VISION BY DESIGN

VISION TIME

Model BA-1-0804-99

BASEBALL SCOREBOARD WITH SCORES TO 199

SIZE: 8' x 4' 96" L x 48" H x 6.75" D	POWER 120V/220V 50/60 HZ 125 Watts	INSTALLED WEIGHT Approx. 180 lbs/82 kg
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SCOREBOARD FEATURES

- 21" digits for scoring
- 21" digit for inning
- Scoring to 99 per team
- Inning to 9
- Ball indicated by 3 LED clusters
- Strike indicated by 2 LED clusters
- Out indicated by 2 LED clusters
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	7"
GUEST	7"
INNING	7"
STRIKE	5"
OUT	5"
BALL	5"

STANDARD FEATURES

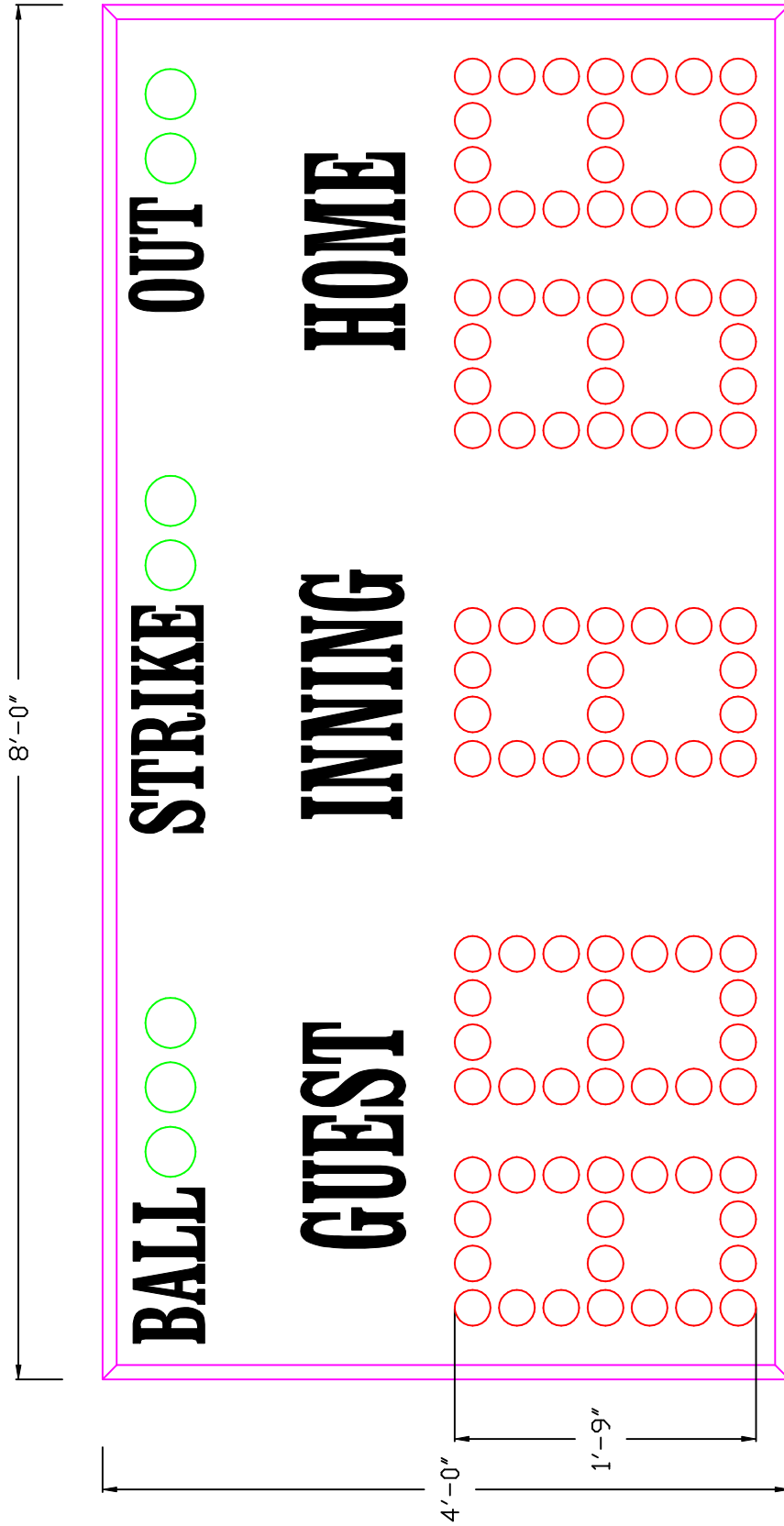
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
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MODEL #

BA-1-0804-99

SIZE

L=96" H=48"

DIGIT SIZE

21"

CAPTION SIZE

7" & 5"



VISION BY DESIGN

VISION TIME

Model BA-1-1407

BASEBALL SCOREBOARD

SIZE: 14' x 7' 168" L x 84" H x 6.75" D	POWER 120V/220V 50/60 HZ 328 Watts	INSTALLED WEIGHT Approx. 440 lbs/200 kg
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SCOREBOARD FEATURES

- 21" digits for all functions
- Scoring to 99 per team
- Inning to 19
- Ball to 9
- Strike to 9
- Out to 9
- H/E displayed as H or E
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	10"
GUEST	10"
INNING	10"
STRIKE	8"
BALL	8"
OUT	8"
H/E	8"

STANDARD FEATURES

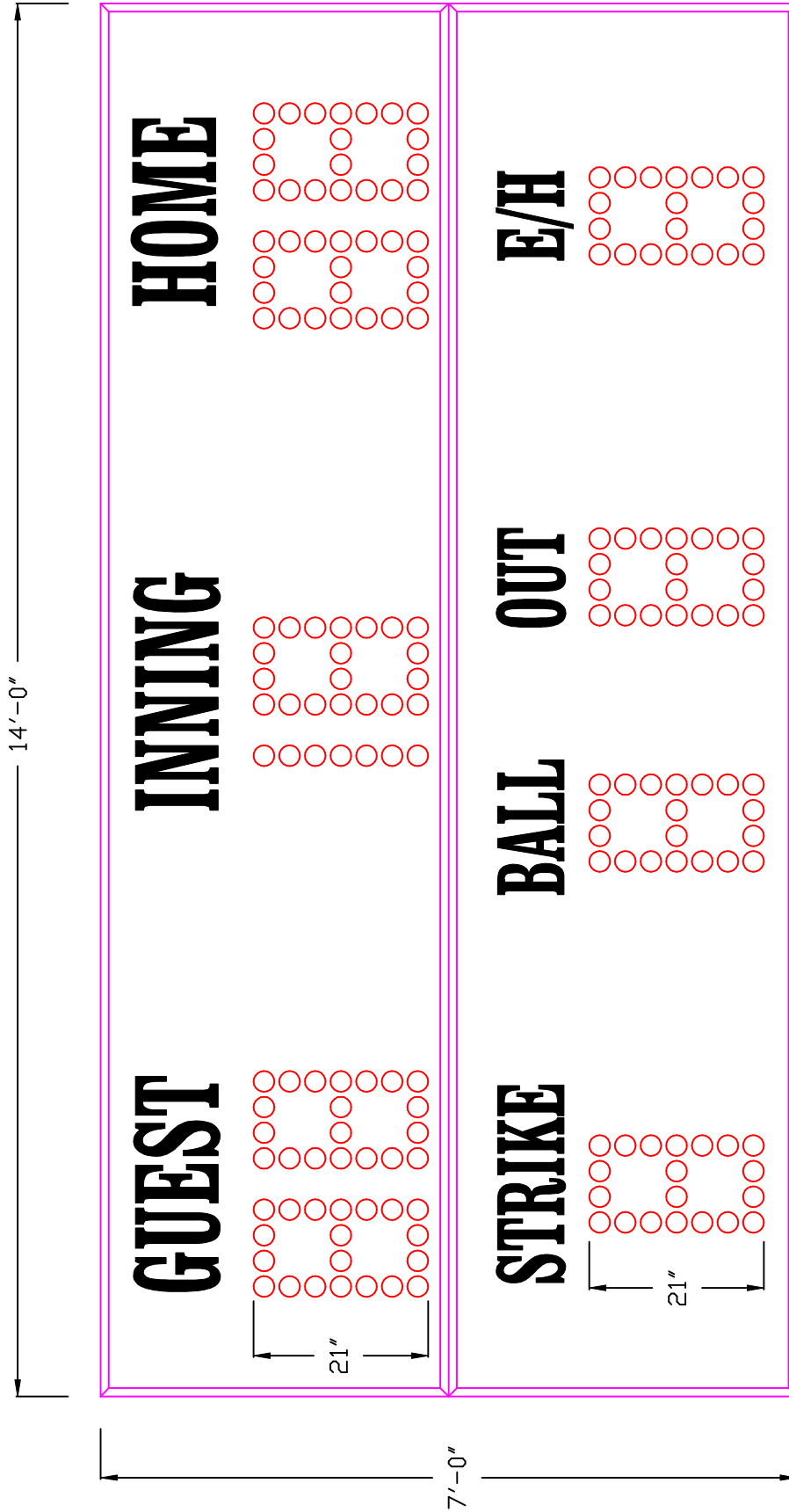
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- Controller and 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



MODEL #

BA-1-1407

DIGIT SIZE

21"

CAPTION SIZE

10" & 8"

SIZE

L=168" H=84"



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VISION BY DESIGN

VISION TIME

Model BA-2-1407

BASEBALL SCOREBOARD

SIZE: 14' x 7' 168" L x 84" H x 6.75" D	POWER 120V/220V 50/60 HZ 328 Watts	INSTALLED WEIGHT Approx. 440 lbs/200 kg
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SCOREBOARD FEATURES

- 21" digits for all functions
- Scoring to 99 per team
- Inning to 19
- At bat to 99
- Ball to 9
- Strike to 9
- Out to 9
- H/E displayed as H or E
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	10"
GUEST	10"
INNING	10"
STRIKE	8"
AT BAT	8"
H/E	8"
OUT	8"
BALL	8"

STANDARD FEATURES

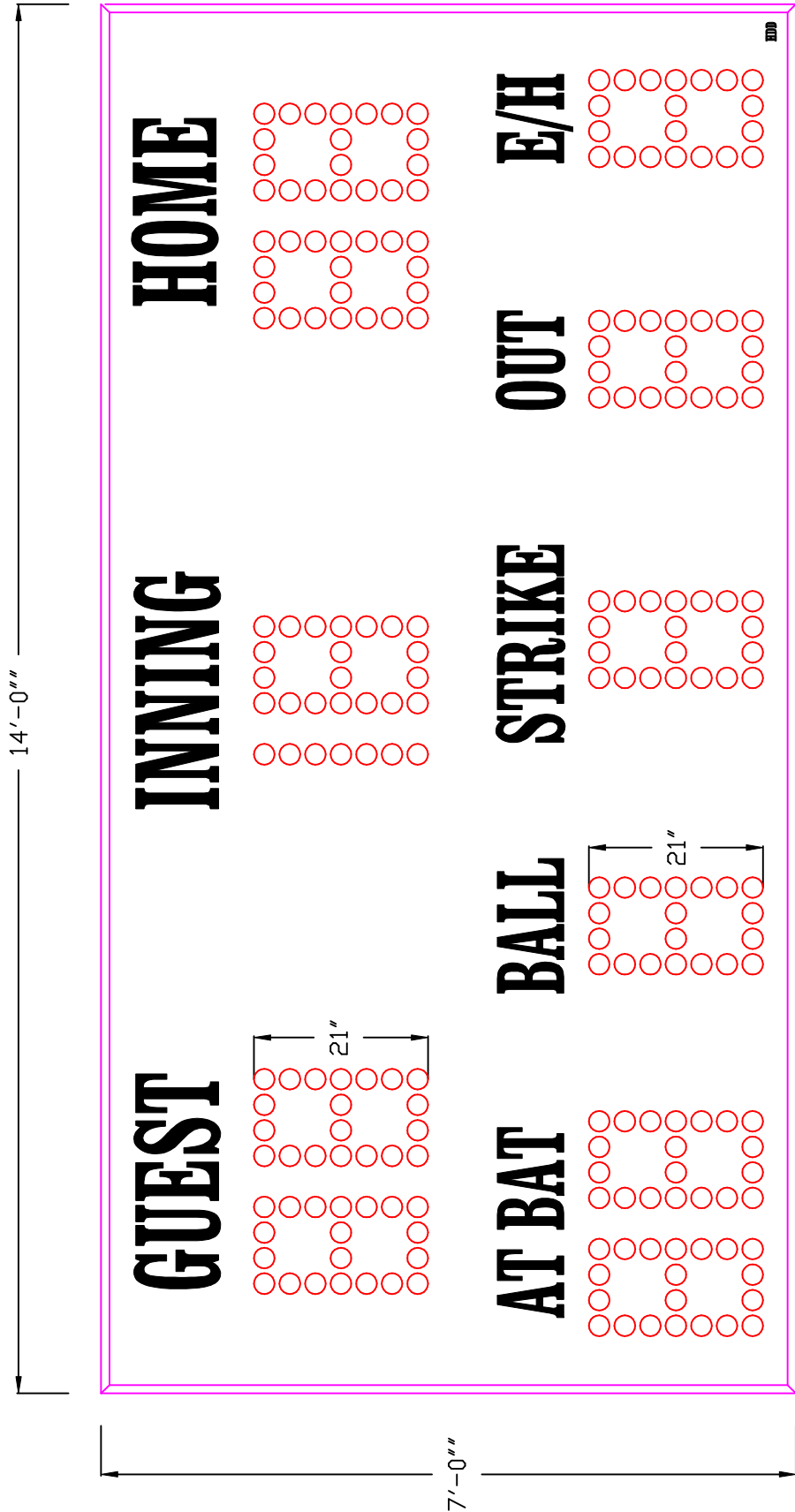
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- Controller and 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
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MODEL #

BA-2-1407

DIGIT SIZE

21"

CAPTION SIZE

10" & 8"

SIZE

L=168" H=84"



VISION BY DESIGN

VISION TIME

Model BA-3-2808

BASEBALL SCOREBOARD

SIZE: 28' x 8' 336" L x 96" H x 6.75" D	POWER 120V/220V 50/60 HZ 692 Watts	INSTALLED WEIGHT Approx. 1080 lbs/490 kg
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SCOREBOARD FEATURES

- 24" digits for At Bat, Ball, Strike, Out and H/E
- 18" digit for Innings, Runs, Hits and Error
- At Bat to 99
- Inning score to 9
- Runs and Hits to 99
- Ball, Strike, Out and H/E to 9
- Error to 9
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	12"
GUEST	12"
BALL, STRIKE	12"
OUT, H/E	12"
AT BAT	12"
INNING 1-10	10"
RUNS, HITS	10"
ERROR	10"

STANDARD FEATURES

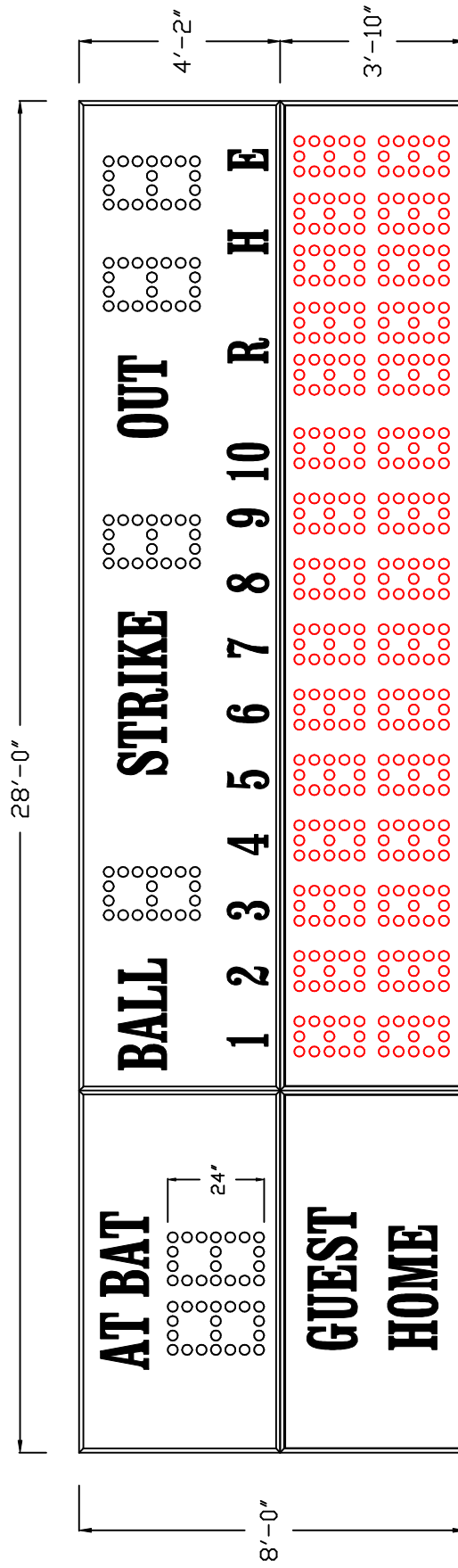
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
DESIGNS LTD.

MODEL #	BA-3-2808	DIGIT SIZE	24" & 18"	CAPTION SIZE	12" & 10"
SIZE	L=336" H=96"				



VISION BY DESIGN

VISION TIME

Model BA-3-2808-ETN

WITH ELECTRONIC TEAM NAMES

SIZE: 28' x 8' 336" L x 96" H x 6.75" D	POWER 120V/220V 50/60 HZ 692 Watts	INSTALLED WEIGHT Approx. 1130 lbs/513 kg
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SCOREBOARD FEATURES

- Scores 13" Char 48 x 7 digital team names
- 24" digits for At Bat, Ball, Strike, Out and H/E
- 18" digit for Innings, Runs, Hits and Error
- At Bat to 99
- Inning score to 9
- Runs and Hits to 99
- Ball, Strike, Out and H/E to 9
- Error to 9
- Brackets for mounting poles supplied

CAPTION HEIGHTS

BALL, STRIKE	12"
OUT, H/E	12"
AT BAT	12"
INNING 1-10	10"
RUNS, HITS	10"
ERROR	10"

STANDARD FEATURES

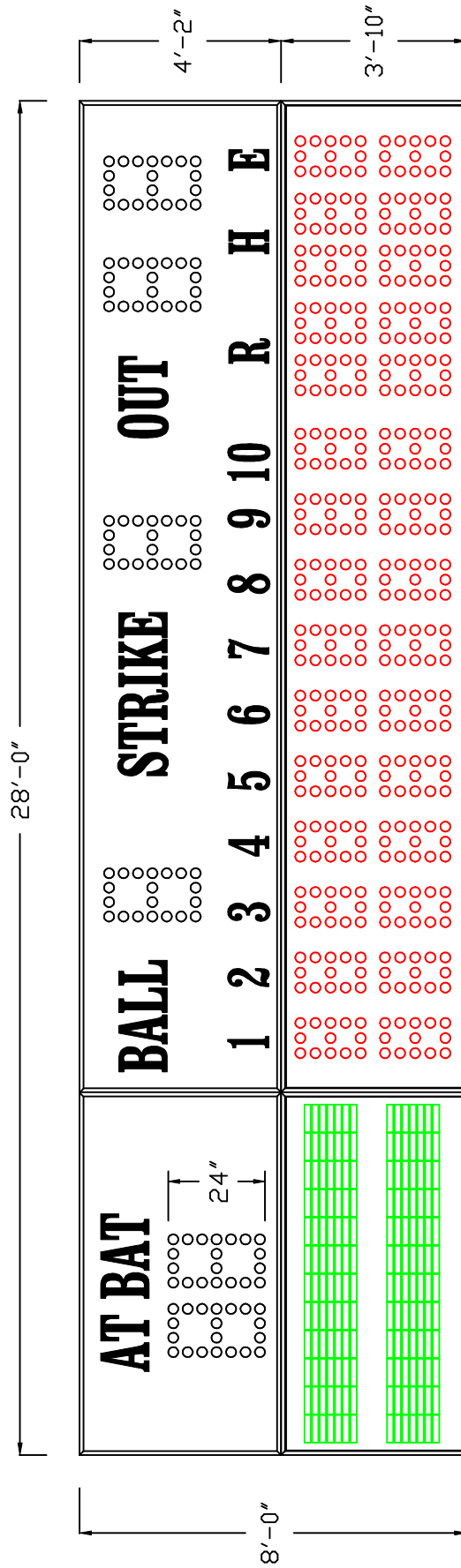
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
DESIGNS LTD.

MODEL #

BA-3-2808-ETN

SIZE

L=336" H=96"

DIGIT SIZE

24" & 18"

CAPTION SIZE

12" & 10"



VISION BY DESIGN

VISION TIME

Model BA-4-3608

BASEBALL SCOREBOARD

SIZE: 36' x 8' 432" L x 96" H x 6.75" D	POWER 120V/220V 50/60 HZ 692 Watts	INSTALLED WEIGHT Approx. 1440 lbs/650 kg
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SCOREBOARD FEATURES

- 24" digits for At Bat, Ball, Strike, Out and H/E
- 18" digit for Innings, Runs, Hits and Error
- At Bat to 99
- Inning score to 9
- Runs and Hits to 99
- Ball, Strike, Out and H/E to 9
- Error to 9
- Brackets for mounting poles supplied

CAPTION HEIGHTS

HOME	12"
GUEST	12"
BALL, STRIKE	12"
OUT, H/E	12"
AT BAT	12"
INNING 1-10	10"
RUNS, HITS	10"
ERROR	10"

STANDARD FEATURES

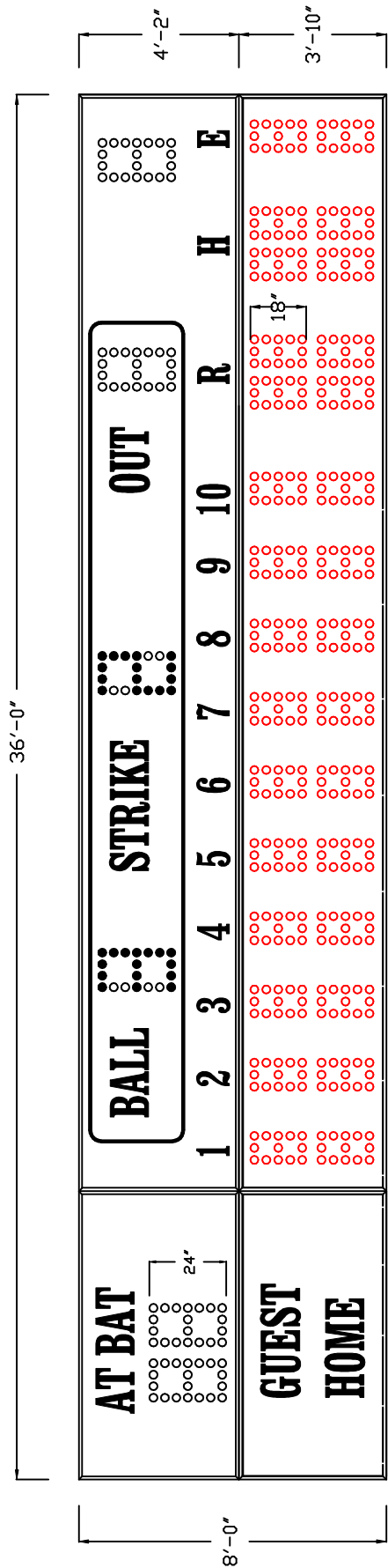
- Standard colour is black with white captions. Other colours are available - contact your distributor or the factory
- Standard caption language is English. Other languages are available - consult your distributor or the factory.
- 200 feet of cable is included with each scoreboard.
- 120 Volt 50/60 Hz power input
- For operator **SAFETY**, HDD's standard controller does not require AC power.

OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
DESIGNS LTD.

MODEL #	BA-4-3608	DIGIT SIZE	24" & 18"	CAPTION SIZE	12" & 10"
SIZE	L=432" H=96"				



VISION BY DESIGN

VISION TIME

Model BA-4-3608-ETN

WITH ELECTRONIC TEAM NAMES

SIZE: 36' x 8' 432" L x 96" H x 6.75" D	POWER 120V/220V 50/60 HZ 692 Watts	INSTALLED WEIGHT Approx. 1500 lbs/680 kg
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SCOREBOARD FEATURES

- Scores 13" Char 48 x 7 digital team names
- 24" digits for At Bat, Ball, Strike, Out and H/E
- 18" digit for Innings, Runs, Hits and Error
- At Bat to 99
- Inning score to 9
- Runs and Hits to 99
- Ball, Strike, Out and H/E to 9
- Error to 9
- Brackets for mounting poles supplied

CAPTION HEIGHTS

BALL, STRIKE	12"
OUT, H/E	12"
AT BAT	12"
INNING 1-10	10"
RUNS, HITS	10"
ERROR	10"

STANDARD FEATURES

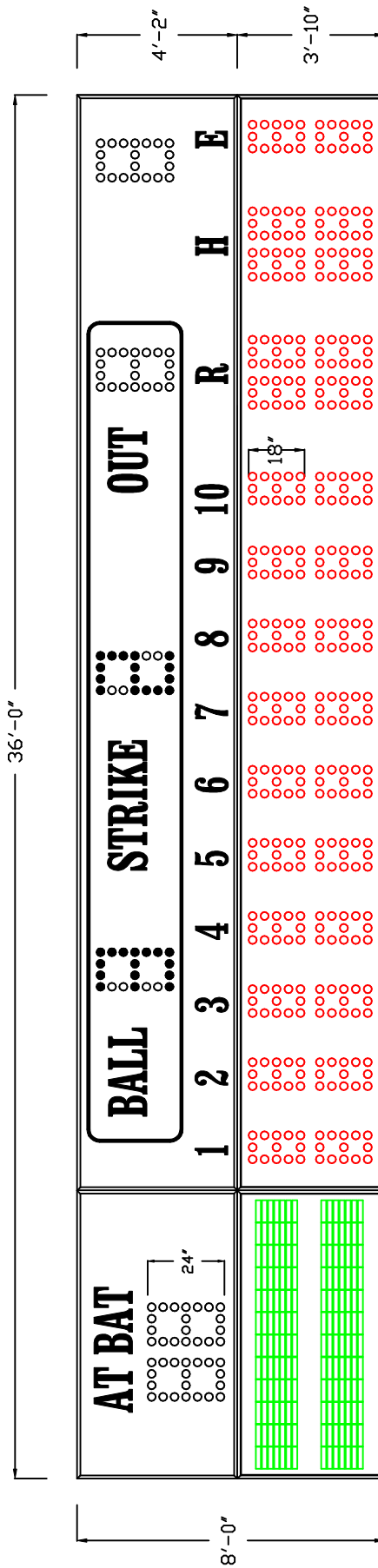
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- 120 Volt 50/60 Hz power input
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OPTIONS AVAILABLE

- 220 Volt 50/60 Hz operation
- Advertising panels available
- Wireless control

WHEN ORDERING, PLEASE SPECIFY

- Model of scoreboard
- Model of controller
- Colour (if other than black)
- Caption language (if other than English)
- Length of control cable (if longer than 200')
- Options required
- Input voltage preferred
- If a protective screen is required



HAMILTON DIGITAL
DESIGNS LTD.

MODEL #	BA-4-3608-ETN	DIGIT SIZE	24" & 18"	CAPTION SIZE	12" & 10"
SIZE	L=432" H=96"				