

ECKMAN

Submittal #32 18 13-5.1 32 18 13 - Synthetic Turf System

Eckman Construction
84 Palomino Lane
Bedford, New Hampshire 03110
Phone: (603) 623-1713
Fax: (603) 623-9750

Project: 469 - Dover High School Athletic Facility
25 Alumni Drive
Dover, New Hampshire 03820

321813-05 Astroturf Shop Drawings (Football/Multi-Purpose)

SPEC SECTION:	32 18 13 - Synthetic Turf System	SUBMITTAL MANAGER:	Mike Foster (Eckman Construction Company, Inc.)
STATUS:	Open	DATE CREATED:	02/23/2026
ISSUE DATE:	02/23/2026	REVISION:	1
RESPONSIBLE CONTRACTOR:	David W. White and Son, Inc.	RECEIVED FROM:	Nick Martinez
RECEIVED DATE:	02/11/2026	SUBMIT BY:	//
FINAL DUE DATE:	03/02/2026	LOCATION:	
TYPE:		COST CODE:	
APPROVERS:	Craig Langton (Tighe & Bond, Inc.)		

BALL IN COURT:
Craig Langton (Tighe & Bond, Inc.)

DISTRIBUTION:
Craig Myslivy (Eckman Construction Company, Inc.) , Joe Persechino (Tighe & Bond, Inc.) , Neil Hansen (Tighe & Bond, Inc.)

DESCRIPTION:

ATTACHMENTS:
[Dover HS- Stadium Field Turf Shop Drawing r1.pdf](#)

SUBMITTAL WORKFLOW

#	NAME	SUBMITTER/ APPROVER	SENT DATE	DUE DATE	RETURNED DATE	RESPONSE	ATTACHMENTS	COMMENTS
1	Craig Langton	Approver	2/23/2026	3/2/2026		Pending		

ECKMAN		ECKMAN CONSTRUCTION CO., INC. SUBMITTAL STAMP	
Project Title:	Dover High School Athletic Facility	Proj. #	469
Submittal #:	32 18 13-5	Date:	2/23/2026
Approved By:			
ECCI APPROVAL INDICATES CONFORMANCE WITH CONTRACT DOCUMENTS. THE SUBCONTRACTOR/VENDOR IS RESPONSIBLE FOR ALL DIMENSIONS, CORRECT FIT AND COORDINATION OF ALL ITEMS TO BE FURNISHED AND INSTALLED. THIS SUBMITTAL HAS BEEN APPROVED FOR SUBMISSION TO THE ARCH/ENG.			

BY

DATE

COPIES TO

DOVER HIGH SCHOOL ATHLETIC FACILITY

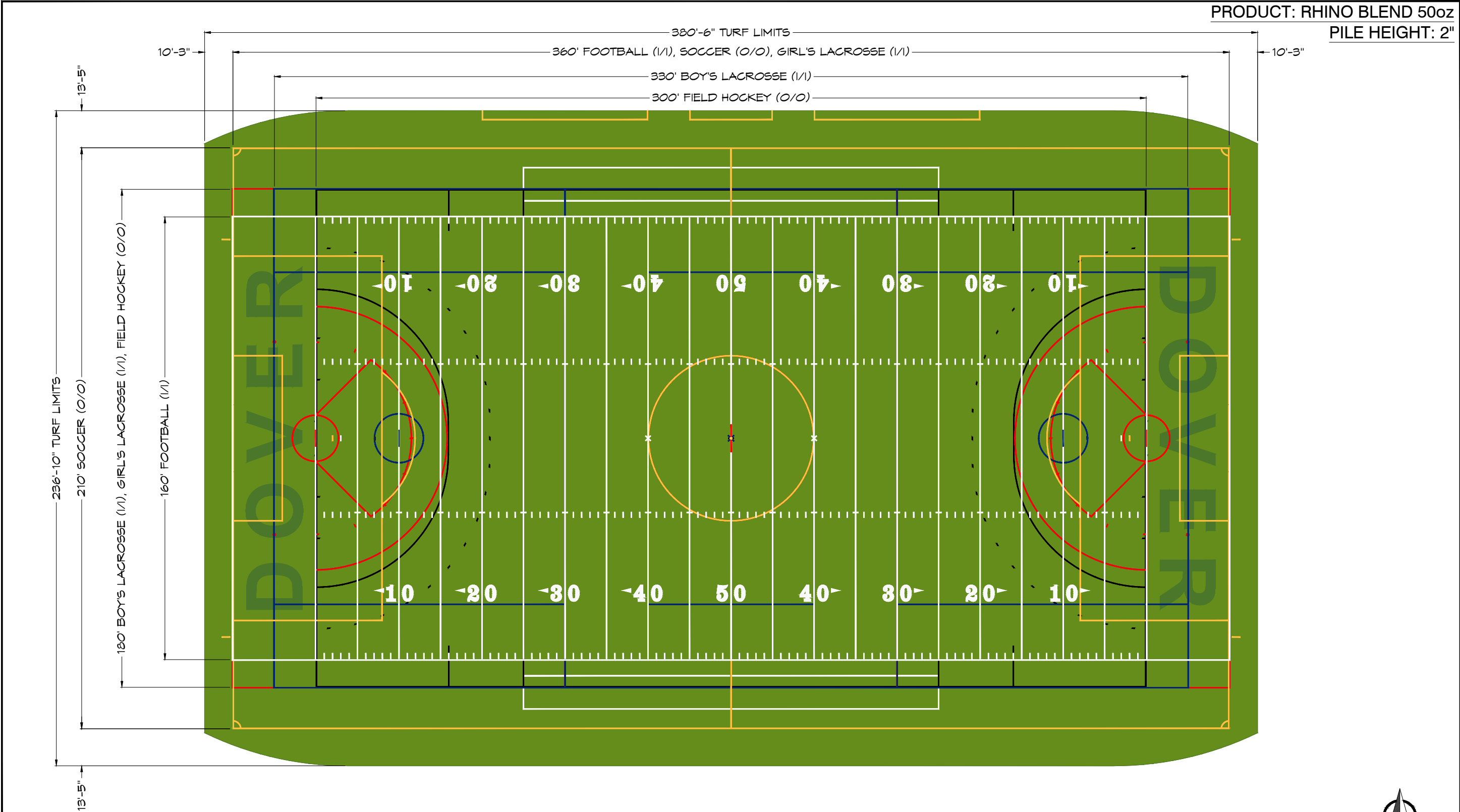
MULTIPURPOSE FIELD

Dover, NH

AstroTurf®

INDEX OF DRAWINGS

- 1. FIELD RENDERING**
- 2. FOOTBALL LAYOUT**
- 3. FOOTBALL DETAILS**
- 4. SOCCER LAYOUT**
- 5. SOCCER DETAILS**
- 6. BOY'S LACROSSE LAYOUT**
- 7. GIRL'S LACROSSE LAYOUT**
- 8. LACROSSE DETAILS**
- 9. FIELD HOCKEY LAYOUT**
- 10. ROLL LAYOUT**
- 11. ROLL DETAILS**



LAYOUT NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS
2. STRIPING PER NFHS RULES
3. FOOTBALL STRIPING - WHITE
4. SOCCER - BRT YELLOW
5. BOY'S LACROSSE - FLORIDA BLUE
6. GIRL'S LACROSSE - RED
7. FIELD HOCKEY - BLACK
8. COLORS SHOWN FOR REFERENCE ONLY. FINAL COLOR APPROVAL TO BE BASED ON PHYSICAL YARN SAMPLES AND NOT PRINTED COLORS. ASTROTURF AT ITS SOLE DISCRETION RESERVES THE RIGHT TO PREFAB CERTAIN FOOTBALL MARKINGS AND/OR FIELD GRAPHICS.

FIELD RENDERING

SCALE: 1" = 35'-0"

SPORT LINES PRIORITY ORDER :

1. FOOTBALL
2. SOCCER
3. BOY'S LACROSSE
4. GIRL'S LACROSSE
5. FIELD HOCKEY

TURF COLORS:

FL/FG (FGL)- 8387/8380
FG/FG (FGR)- 8380/8380 (DARK)
WHITE (WHT)- 1000
BRT YELLOW (YEL)- 3000
FLORIDA BLUE (FBL)- 7400
RED (RED)- 5300
BLACK (BLK)- 9999

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____



PRODUCT: RHINO BLEND 50oz
PILE HEIGHT: 2"

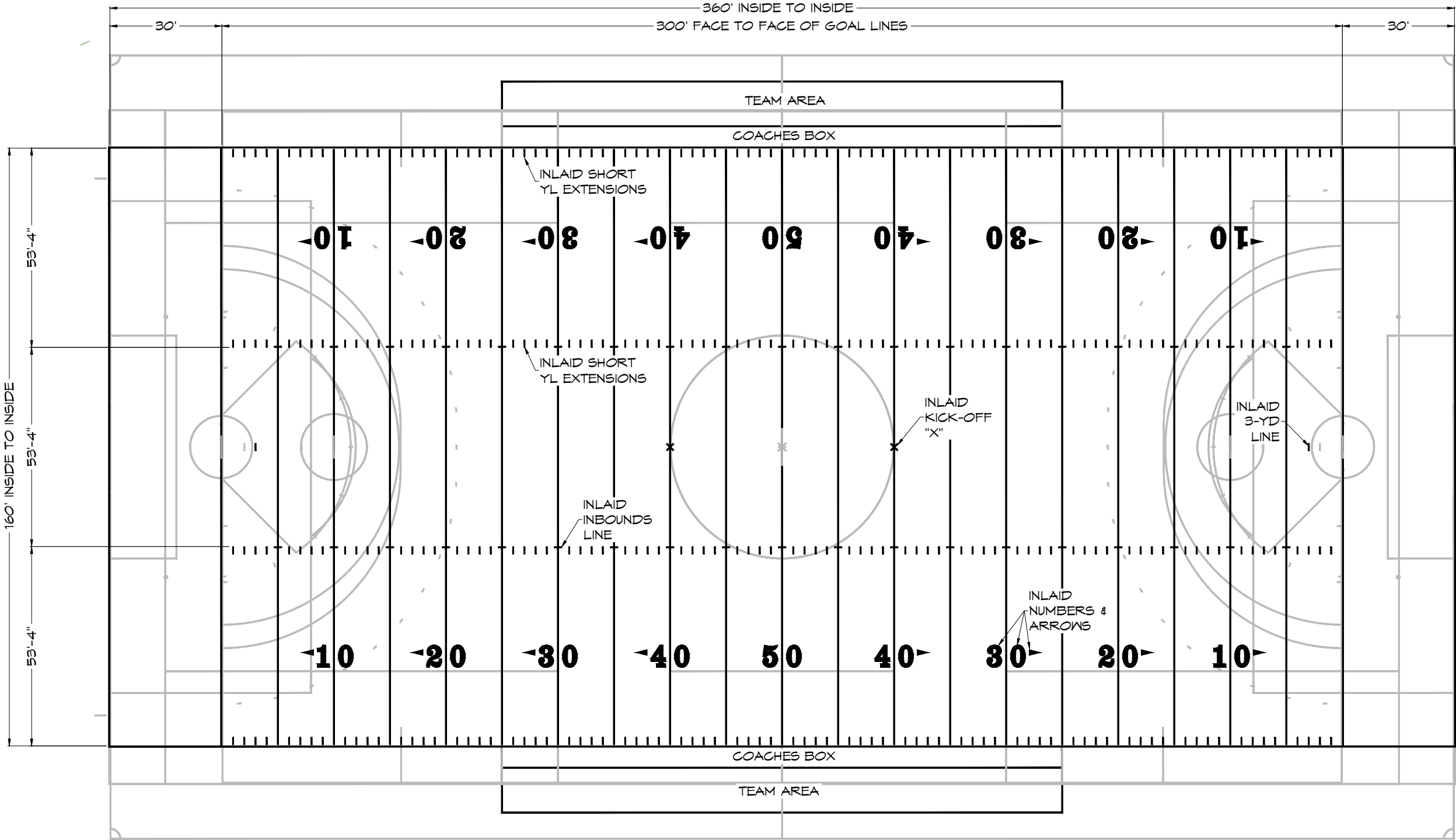
TURF AREA:	±89,301 SF



Project Name:	DOVER HIGH SCHOOL ATHLETIC FACILITY - MULTIPURPOSE FIELD Dover, NH
---------------	---

Sheet Title:	COLOR RENDERING
--------------	-----------------

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number:
1



FOOTBALL LAYOUT NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. ALL LINE WORK SHALL BE LAID OUT WITHIN ACCEPTABLE TOLERANCES.
3. YARDLINES, SIDELINES, END LINES AND GOAL LINES ARE TUFTED.
4. 24 INCH SHORT YARDLINE EXTENSIONS, 4 INCHES FROM THE SIDELINES AND AT THE INBOUNDS LINES, SHALL BE INLAID.
5. THE TWO INBOUNDS LINES ARE 53'-4" FROM THE SIDELINES AND SHALL BE INLAID.
6. ASTROTURF AT ITS SOLE DISCRETION RESERVES THE RIGHT TO PREFAB CERTAIN FOOTBALL MARKINGS AND/OR FIELD GRAPHICS.

FOOTBALL LAYOUT (WHITE)

SCALE: 1" = 30'-0"

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

TURF AREA: ±89,301 SF



Project Name:

DOVER HIGH SCHOOL ATHLETIC
FACILITY - MULTIPURPOSE FIELD
Dover, NH

Sheet Title:

FOOTBALL
LAYOUT

Date: 02/11/2026

Drawn By: MB

Project No: -

Scale: AS SHOWN

Issue: Submittal

Sheet Number:

2

TURF AREA:	±29,301 SF

YARDLINE NUMBER DETAIL

INBOUND/SIDELINE DETAIL

SCALE: 1/4" = 1'-0"

COACHING BOX DETAIL

SCALE: 1/8" = 1'-0"

TYPICAL YARD LINE DETAIL

SCALE: 1/8" = 1'-0"

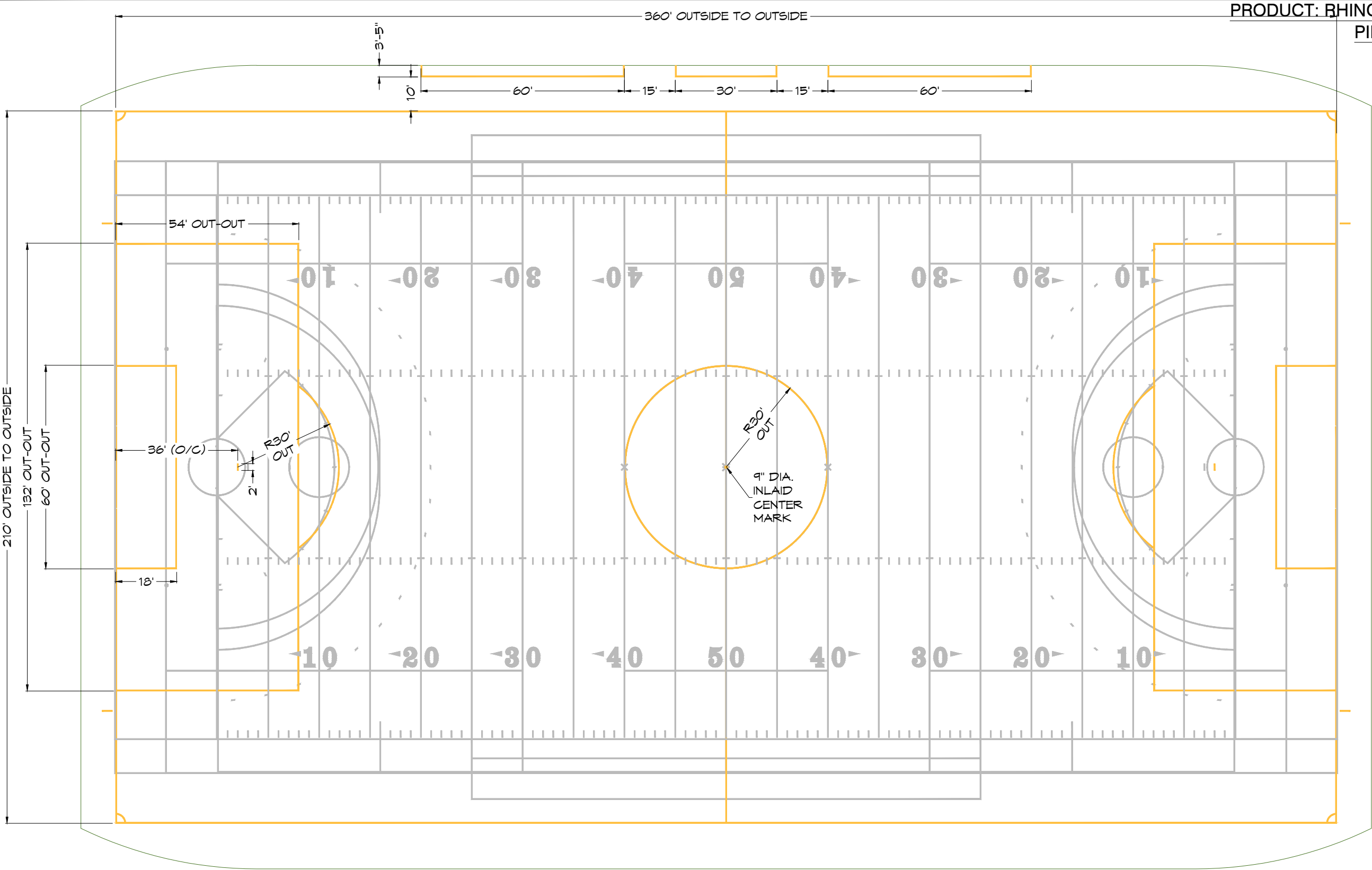
3YD LINE DETAIL

SCALE: 3/8" = 1'-0"

KICK-OFF X DETAIL

SCALE: 3/8" = 1'-0"

REVIEWED DATE: _____



PRODUCT: RHINO BLEND 50oz
PILE HEIGHT: 2"

Soccer Layout Notes:

- 1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
- 2. ALL LINE WORK SHALL BE LAID OUT WITHIN ACCEPTABLE TOLERANCES.
- 3. ALL LINES ARE 4" IN WIDTH.
- 4. SIDE LINES AND GOAL LINES ARE TUFTED.
- 5. USE THE FOOTBALL 50 YD LINE AS THE SOCCER CENTER LINE.
- 6. ALL OTHER SOCCER MARKINGS ARE INLAID.

Soccer Layout (BRT Yellow)

Scale: 1" = 30'-0"

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

Reviewed By: _____

Reviewed Date: _____

Turf Area:	±89,301 SF

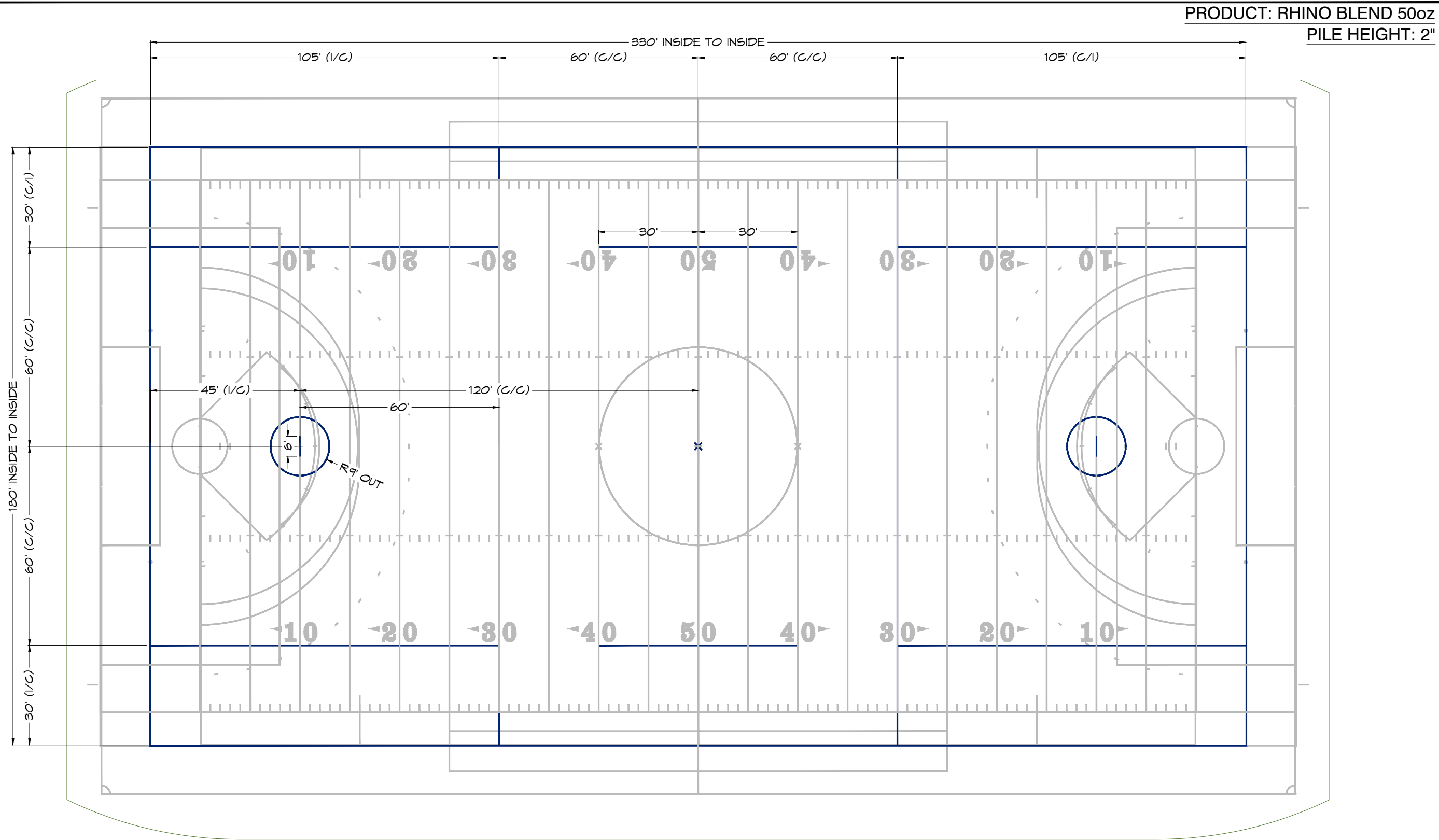
AstroTurf.

THIS DRAWING IS THE PROPERTY OF ASTROTURF CORPORATION AND IS NOT TO BE DUPLICATED OR RELEASED WITHOUT THE WRITTEN PERMISSION OF ASTROTURF CORPORATION

Project Name:
DOVER HIGH SCHOOL ATHLETIC FACILITY - MULTIPURPOSE FIELD
Dover, NH

Sheet Title:
SOCCER LAYOUT

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number:
4



BOY'S LACROSSE NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. ALL LINE WORK SHALL BE LAID OUT WITHIN ACCEPTABLE TOLERANCES.
3. ALL LINES ARE 4" IN WIDTH EXCEPT THE GOAL LINES WHICH ARE 2".
4. SIDELINES AND END LINES ARE TUFTED.
5. USE THE FOOTBALL 50 YD LINE AS THE CENTER LINE.
6. USE THE FOOTBALL 30 YD LINE AS THE DEFENSIVE AREA LINE.
7. ALL OTHER BOY'S LACROSSE MARKINGS ARE INLAID.

BOY'S LACROSSE LAYOUT (FL BLUE)

SCALE: 1" = 30'-0"

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

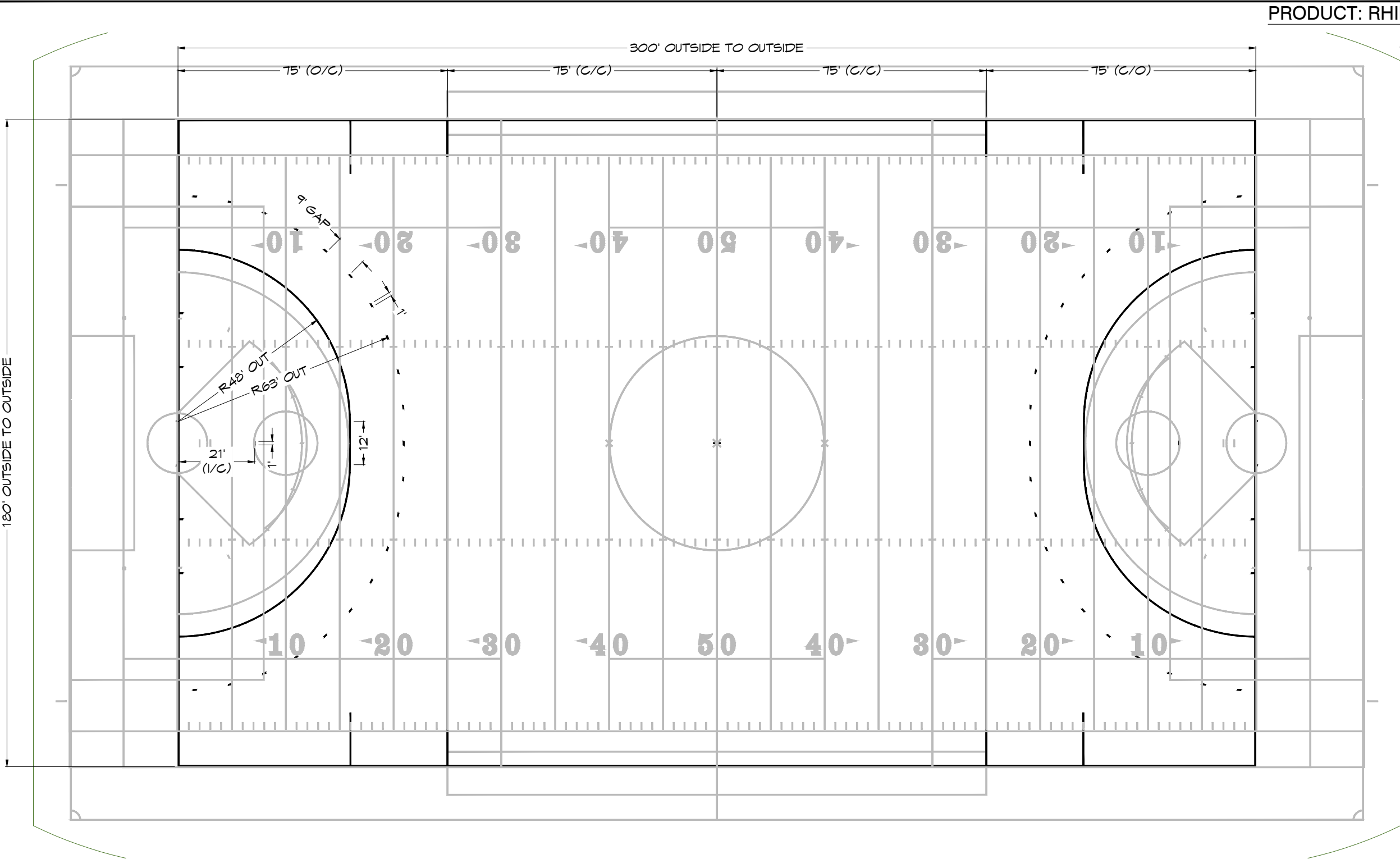
TURF AREA:	±89,301 SF



Project Name:	DOVER HIGH SCHOOL ATHLETIC FACILITY - MULTIPURPOSE FIELD Dover, NH
---------------	---

Sheet Title:	BOY'S LACROSSE LAYOUT
--------------	-----------------------

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number: 6



PRODUCT: RHINO BLEND 50oz
PILE HEIGHT: 2"

TURF AREA:	±89,301 SF



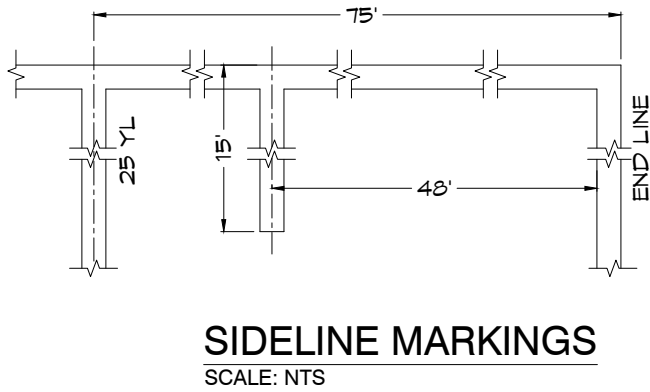
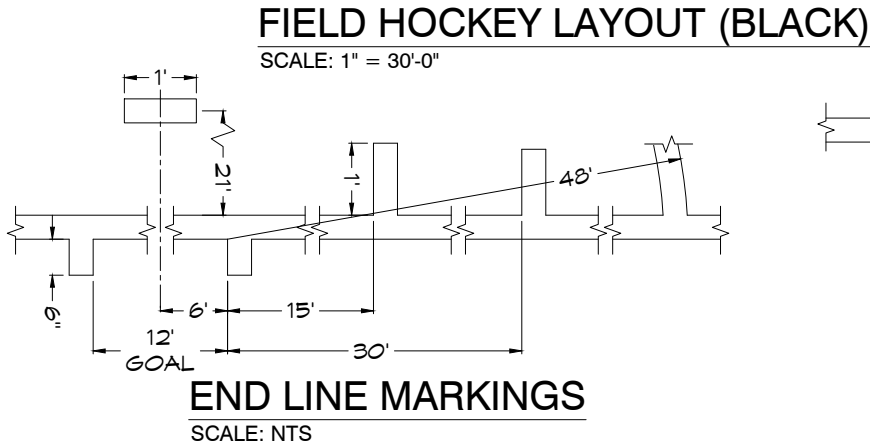
Project Name:
**DOVER HIGH SCHOOL ATHLETIC
FACILITY - MULTIPURPOSE FIELD**
Dover, NH

Sheet Title:
**FIELD HOCKEY
LAYOUT**

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number:
9

FIELD HOCKEY LAYOUT NOTES:

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. ALL LINE WORK SHALL BE LAID OUT WITHIN ACCEPTABLE TOLERANCES.
3. ALL LINES ARE 4" IN WIDTH.
4. SIDELINES AND END LINES ARE TUFTED.
5. USE THE FOOTBALL 50 YL AS THE FIELD HOCKEY CENTER LINE.
6. USE THE FOOTBALL 25 YL AS THE FIELD HOCKEY 25 YL.
7. ALL OTHER FIELD HOCKEY MARKINGS ARE INLAID.



THIS SUBMITTAL HAS BEEN SENT FOR REVIEW
AND APPROVAL BY THE ARCHITECT/ENGINEER.
WORK MAY NOT PROCEED UNTIL AN
APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

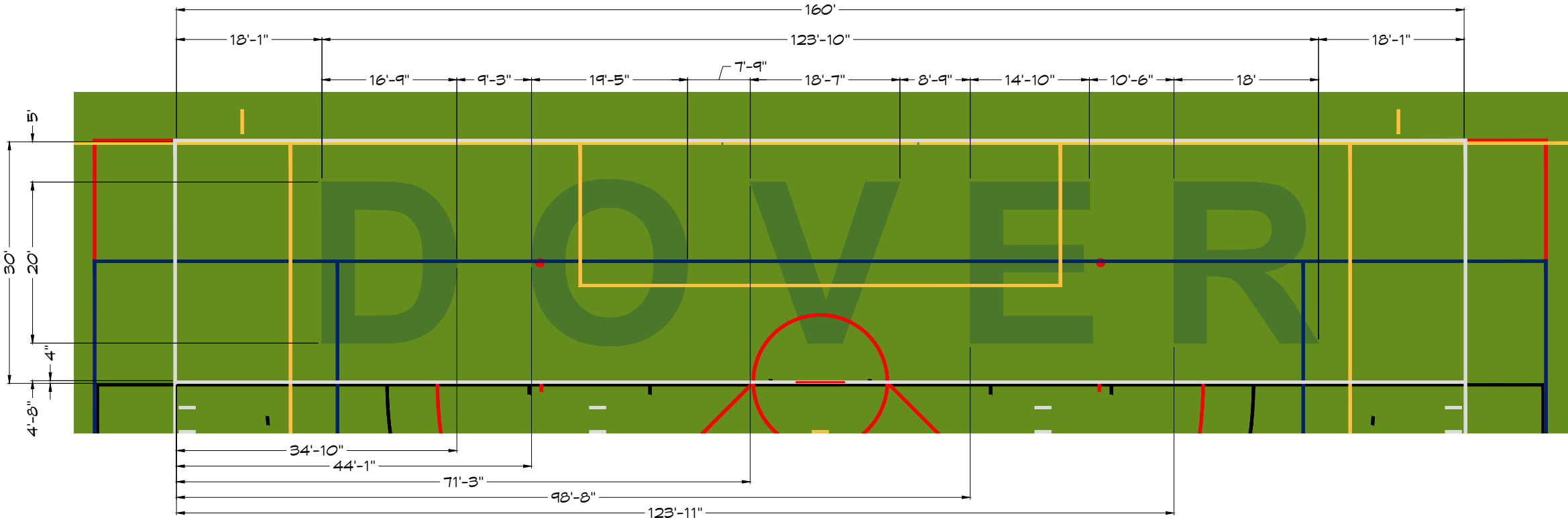
TURF AREA:	±89,301 SF



Project Name:
DOVER HIGH SCHOOL ATHLETIC
FACILITY - MULTIPURPOSE FIELD
Dover, NH

Sheet Title:
ENDZONE
LAYOUT

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number: 12



TYPICAL ENDZONE LAYOUT
SCALE: 1/16" = 1'-0"

EZ LETTER COLOR LEGEND:

FIELD GREEN

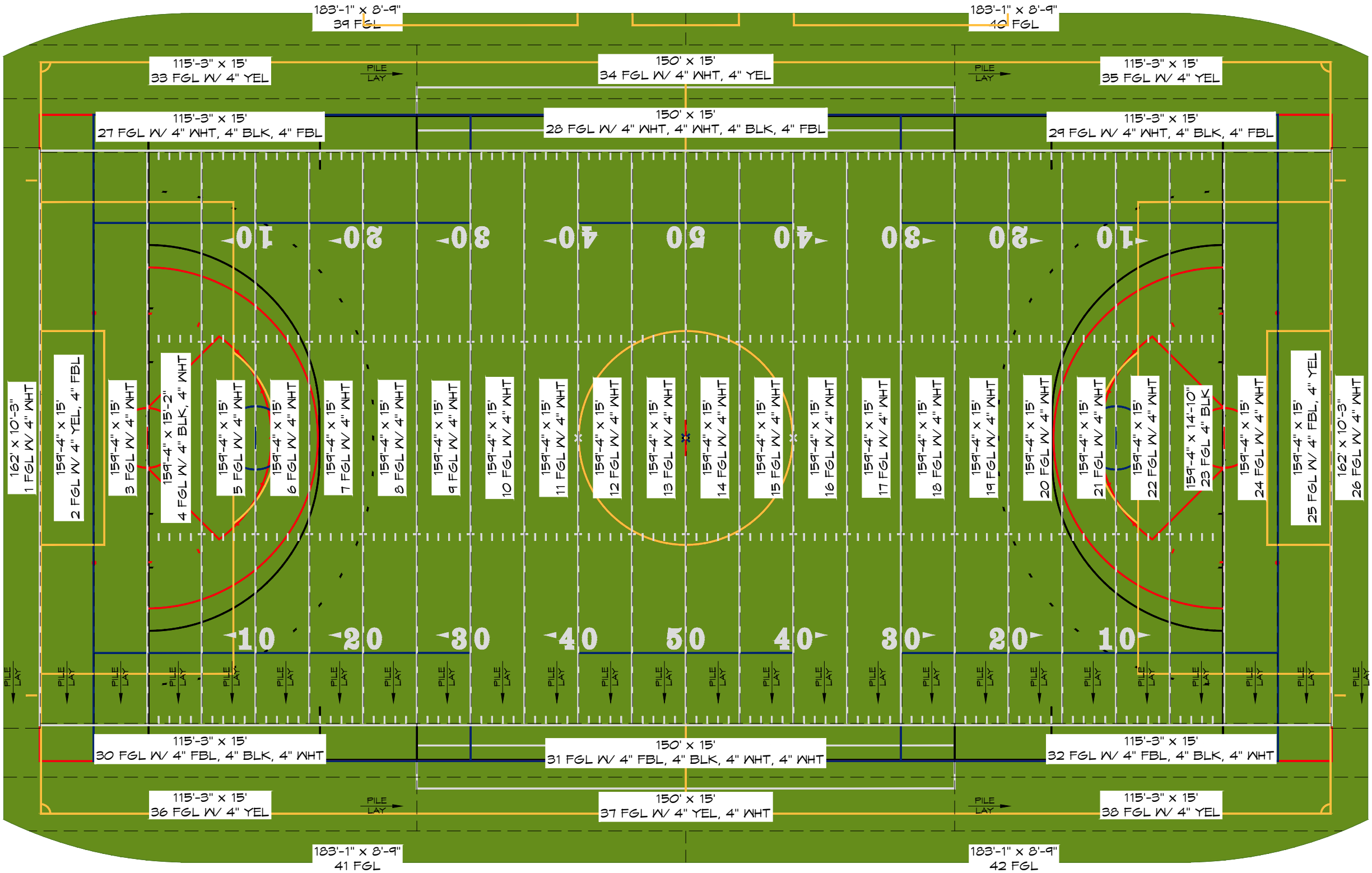
- NOTES:
- OWNER MAY SELECT TO INSTALL WITH GAME LINES THROUGH GRAPHICS OR SELECT TO OMIT THE GAME LINES WITHIN THE GRAPHICS. OWNER WILL BE RESPONSIBLE FOR PROVIDING TEMPORARY PAINTED LINES TO COMPLY WITH NFHS RULES IF SELECTING TO OMIT THE GAME LINES WITHIN GRAPHICS.
___ INSTALL WITH GAME LINES WITHIN GRAPHICS
___ OMIT GAME LINES WITHIN GRAPHICS (OWNER WILL PAINT AS NEEDED)

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW
AND APPROVAL BY THE ARCHITECT/ENGINEER.
WORK MAY NOT PROCEED UNTIL AN
APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

PRODUCT: RHINO BLEND 50oz
PILE HEIGHT: 2"



SYNTHETIC TURF SEAMING LAYOUT
SCALE: 1" = 30'-0"

TURF SEAMING NOTES:

- ALL PANELS ARE 15 FOOT PANELS UNLESS DIMENSIONED OTHERWISE.
- ALL SEAMS ON THE PLAYING FIELD WILL RUN THE SAME DIRECTION.
- REFER TO PANEL DETAILS FOR SYNTHETIC TURF PANEL LAYOUTS WHICH INDICATE YARDLINES, BORDERS, ETC.

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

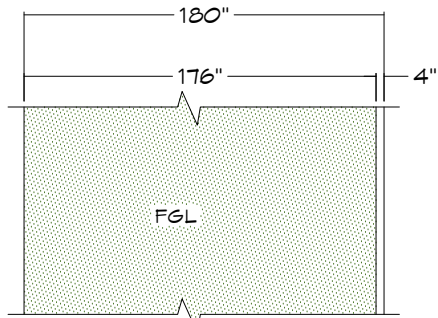
TURF AREA:	±89,301 SF



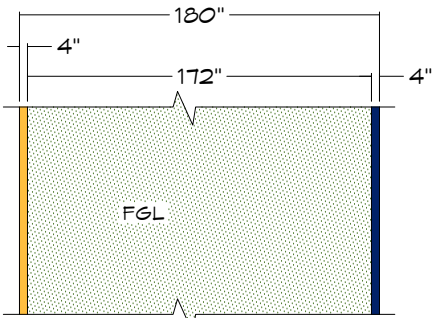
Project Name:	DOVER HIGH SCHOOL ATHLETIC FACILITY - MULTIPURPOSE FIELD Dover, NH
---------------	---

Sheet Title:	ROLL LAYOUT
--------------	-------------

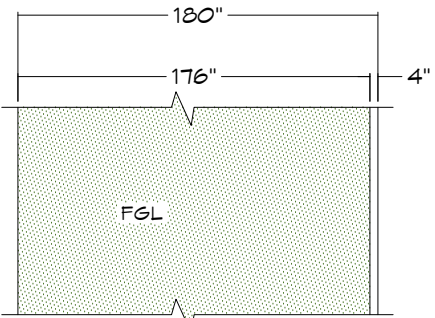
Date:	02/11/2026
Drawn By:	MB
Project No:	-
Scale:	AS SHOWN
Issue:	Submittal
Sheet Number:	10



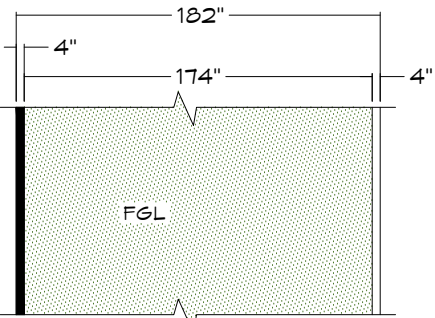
END LINE PANEL
(1)



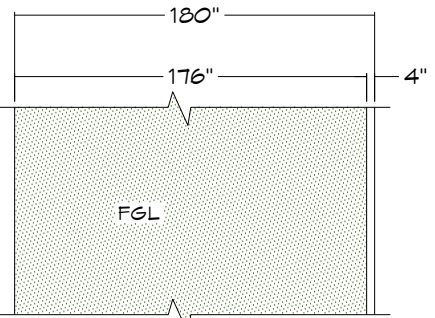
GOAL LINE PANEL
(2)



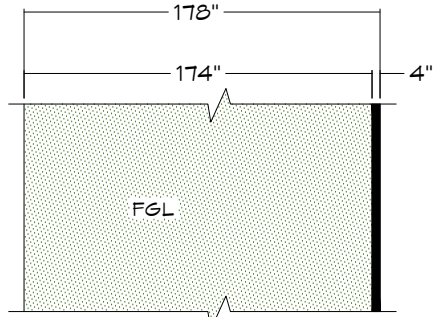
GOAL LINE PANEL
(3)



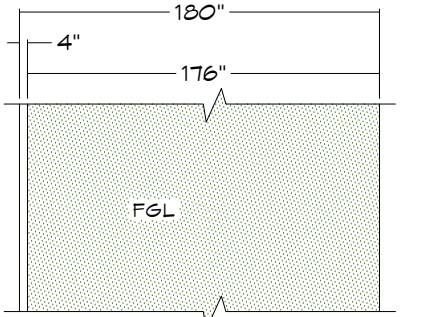
GOAL LINE TO 5YL
(4)



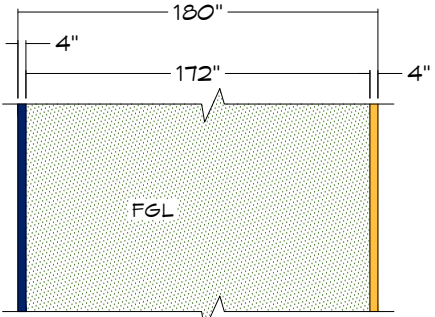
YARDLINE PANELS
(5-22)



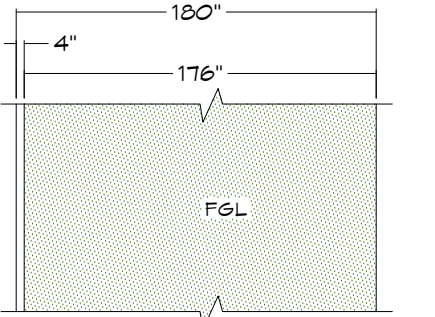
5YL TO GOAL LINE
(23)



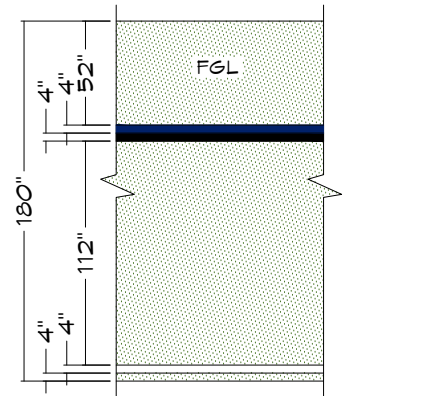
GOAL LINE PANEL
(24)



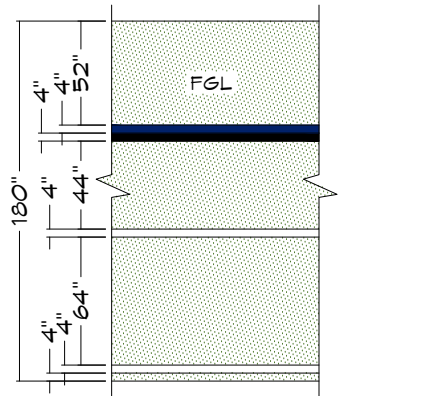
GOAL LINE PANEL
(25)



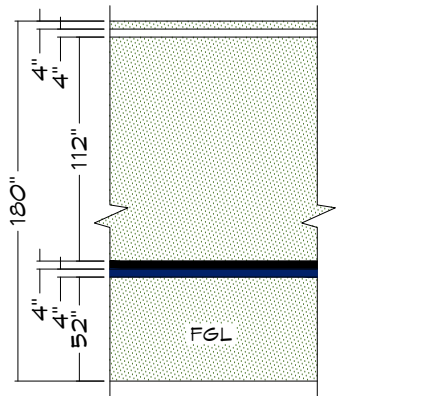
END LINE PANEL
(26)



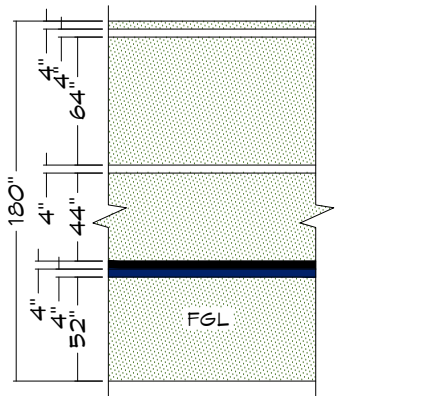
SIDELINE PANEL
(27 & 29)



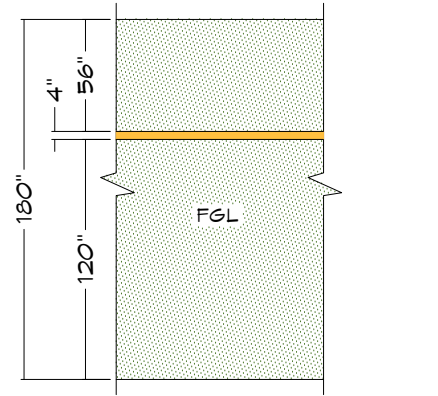
COACHING BOX
(28)



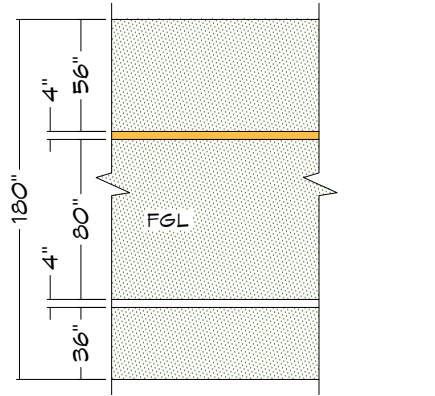
SIDELINE PANEL
(30 & 32)



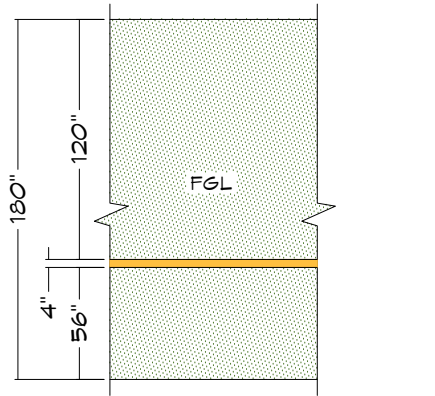
COACHING BOX
(31)



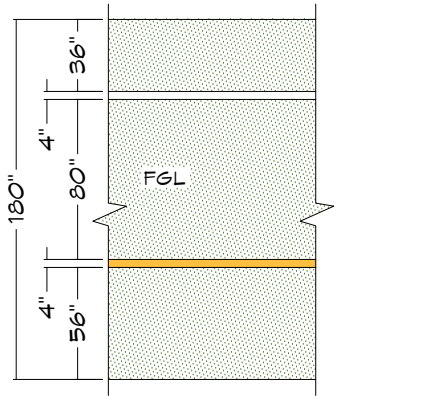
SIDELINE PANEL
(33 & 35)



TEAM AREA BOX
(34)



SIDELINE PANEL
(36 & 38)



TEAM AREA BOX
(37)

PRODUCT: RHINO BLEND 50oz
PILE HEIGHT: 2"

TURF AREA:	±89,301 SF



Project Name:	DOVER HIGH SCHOOL ATHLETIC FACILITY - MULTIPURPOSE FIELD Dover, NH
---------------	---

Sheet Title:	ROLL DETAILS
--------------	--------------

THIS SUBMITTAL HAS BEEN SENT FOR REVIEW AND APPROVAL BY THE ARCHITECT/ENGINEER. WORK MAY NOT PROCEED UNTIL AN APPROVED COPY IS RETURNED.

REVIEWED BY: _____

REVIEWED DATE: _____

Date: 02/11/2026
Drawn By: MB
Project No: -
Scale: AS SHOWN
Issue: Submittal
Sheet Number:
11