



# SUBMITTAL FOR

Multi-Purpose Recreation Fields & Regional Stormwater Treatment System Project  
Portsmouth, NH

**Product:** Synthetic Turf Field – Shop Drawings

**Date of Initial Submission:** 10/7/2020  
**Date of Resubmission:** 11/23/2020

**Specification/Item #:** 02790 – 1.02A7

**Subcontractor/Supplier/Manufacturer:** FieldTurf

PLEASE MARK BELOW WITH REVIEW & ACTION STAMP.

<i>QUIRK CONSTRUCTION CORP.</i>			
Job #	<u>000771</u>	Submittal #	<u>02790-02r1</u>
Date:	<u>11/23/2020</u>	Checked by:	<u>JW</u>

-Colors approved by Weston & Sampson

**SUBMITTAL REVIEW**

1  FURNISH AS SUBMITTED    3  REVISE AND RESUBMIT  
2  FURNISH AS NOTED    4  REJECTED

This submittal has been reviewed for general conformance with the plans and specifications for this project. Corrections, comments and/or clarifications noted herein do not relieve the contractor from coordinating and correlating all dimensions and quantities, selections of construction techniques, coordinating the work of its forces and the other trades, and performance of the work in a safe and satisfactory manner.

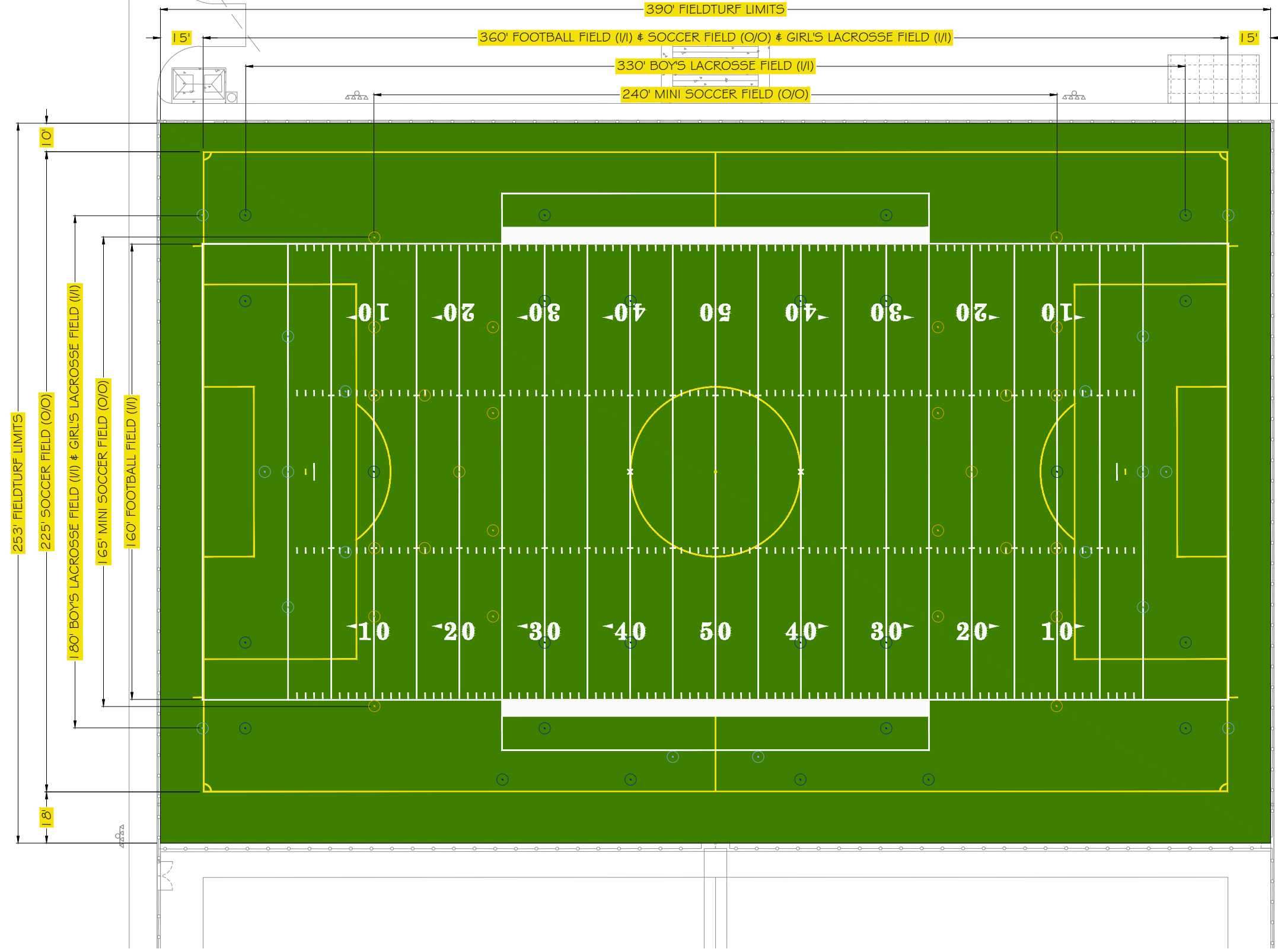
**WESTON & SAMPSON ENGINEERS, INC.**

Date 12-01-2020 By *G. J. [Signature]*

# CITY OF PORTSMOUTH

## PORTSMOUTH, NH





DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	1"=40'
TOTAL FIELD AREA:	98,670 sq. ft.
PERIMETER:	1,286 In. ft.



**CITY OF PORTSMOUTH  
PORTSMOUTH, NH**

DATE: NOVEMBER 19, 2020  
ISSUE: SUBMITTAL  
SHEET: 1/7 FIELD LAYOUT

APPROVED BY: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

PRINTED NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**SPORT COLORS:**

	FOOTBALL COMPLETE COLOR NAME: WHITE PANTONE COLOR NUMBER: WHITE
	SOCCER COMPLETE COLOR NAME: CANARY YELLOW PANTONE COLOR NUMBER: 136C
	MINI SOCCER TICK MARKS COMPLETE COLOR NAME: MUSTARD PANTONE COLOR NUMBER: 124C

	BOYS LACROSSE TICK MARKS COMPLETE COLOR NAME: REFLEX BLUE PANTONE COLOR NUMBER: RFXC
	GIRLS LACROSSE TICK MARKS COMPLETE COLOR NAME: LAGOON BLUE PANTONE COLOR NUMBER: 292C

**LEGEND:**  
 FIELD/SUMMER GREEN FIELDTURF  
98,670 sq. ft.

**FIELD LAYOUT NOTES (sports are in order of dominance):**

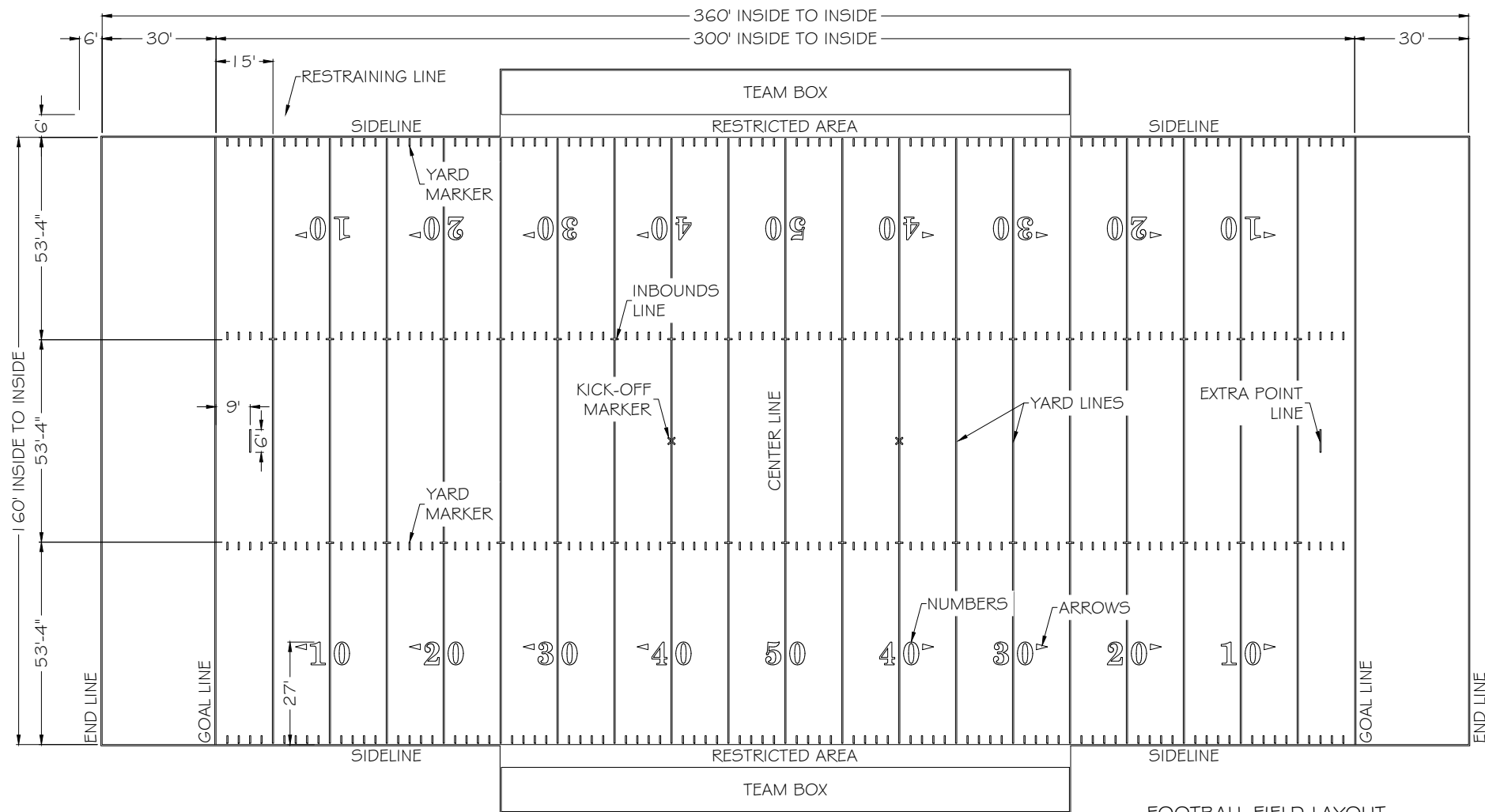
1. FOOTBALL MARKINGS ARE 4" WHITE NFHS STANDARDS.
2. SOCCER MARKINGS ARE 4" CANARY YELLOW NFHS STANDARDS.
3. MINI SOCCER TICK MARKS ARE 4" MUSTARD U-12 STANDARDS.
4. BOYS LACROSSE TICK MARKS ARE 4" REFLEX BLUE NFHS STANDARDS.
5. GIRLS LACROSSE TICK MARKS ARE 4" LAGOON BLUE NFHS STANDARDS.

FIELD DOMINANCY IS ONLY WITHIN THE FOOTBALL FIELD OF PLAY.

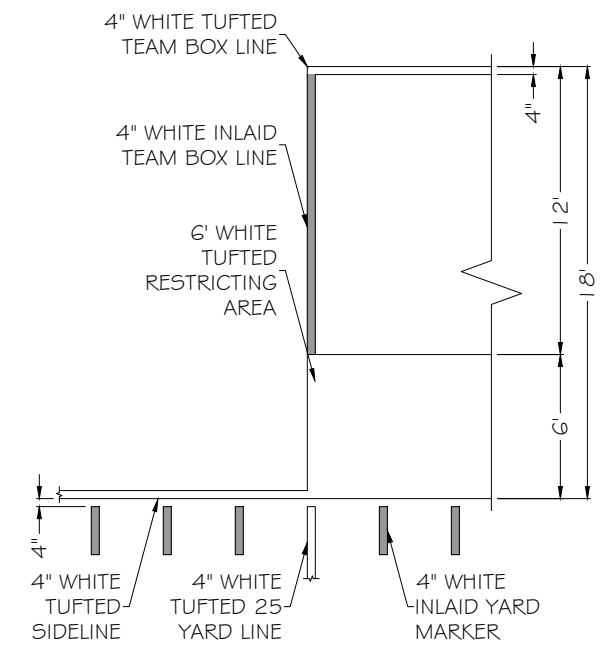
COLOR DASHED CIRCLES ARE TO INDICATE PLACEMENT OF THE 4" X 4" INLAID TICK MARKS.

ALL DIMENSIONS TO BE VERIFIED BEFORE ANY CONSTRUCTION BEGINS.

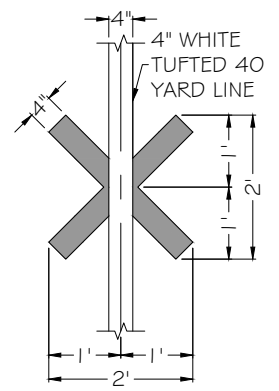
**NFHS STANDARDS**



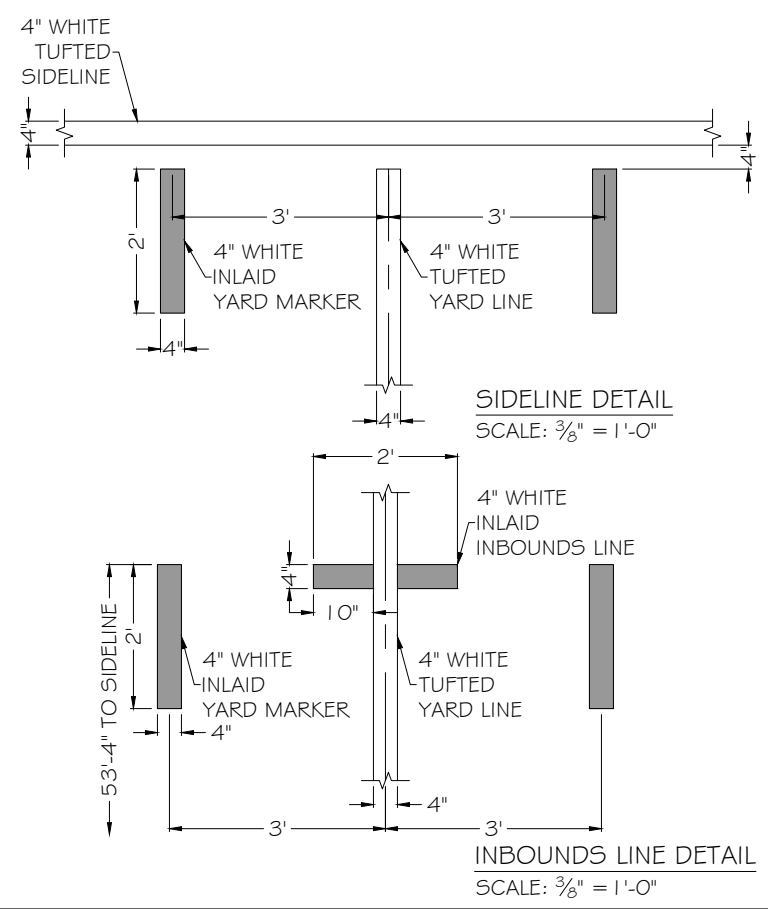
FOOTBALL FIELD LAYOUT  
SCALE: 1" = 40'-0"



TEAM BOX DETAIL  
SCALE: 1/8" = 1'-0"

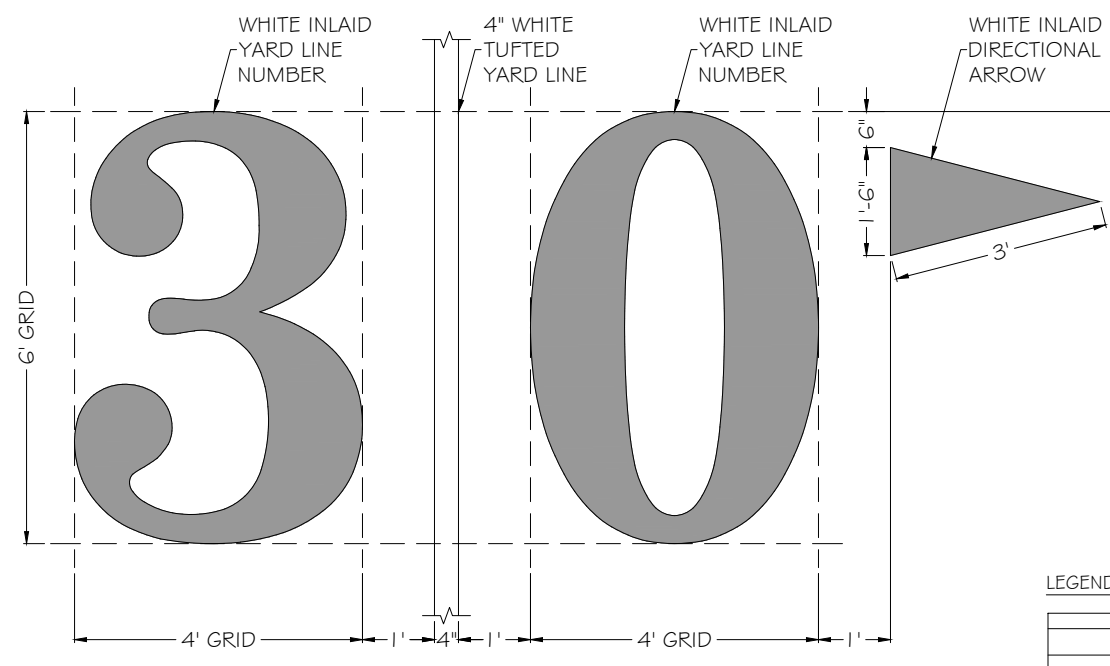


KICK-OFF MARKER  
SCALE: 3/8" = 1'-0"

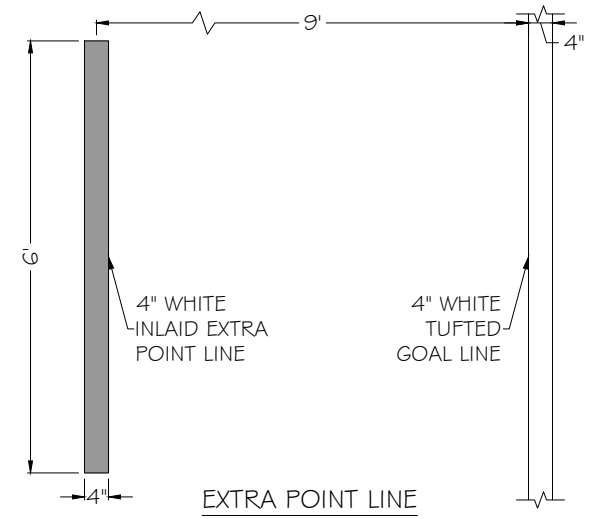


SIDELINE DETAIL  
SCALE: 3/8" = 1'-0"

INBOUNDS LINE DETAIL  
SCALE: 3/8" = 1'-0"



YARD LINE NUMBER  
CENTURY SCHOOLBOOK FONT  
SCALE: 3/8" = 1'-0"



EXTRA POINT LINE  
SCALE: 3/8" = 1'-0"

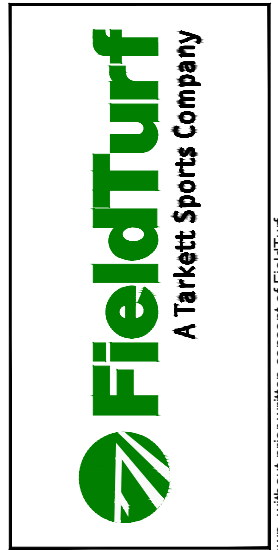
- LEGEND:
- TUFTED WHITE LINE (INDICATED ON DETAILS ONLY)
  - INLAID WHITE LINE (INDICATED ON DETAILS ONLY)

FOOTBALL LAYOUT NOTES:

SIDELINES, END LINES, GOAL LINES, YARD LINES AND RESTRAINING LINES ARE TUFTED WHITE LINES.

INBOUNDS LINES, SHORT YARD LINE MARKERS, KICK-OFF MARKERS, EXTRA POINT LINE MARKERS AND ALL OTHER FIELD MARKINGS ARE TO BE WHITE INLAID TURF.

DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	AS SHOWN

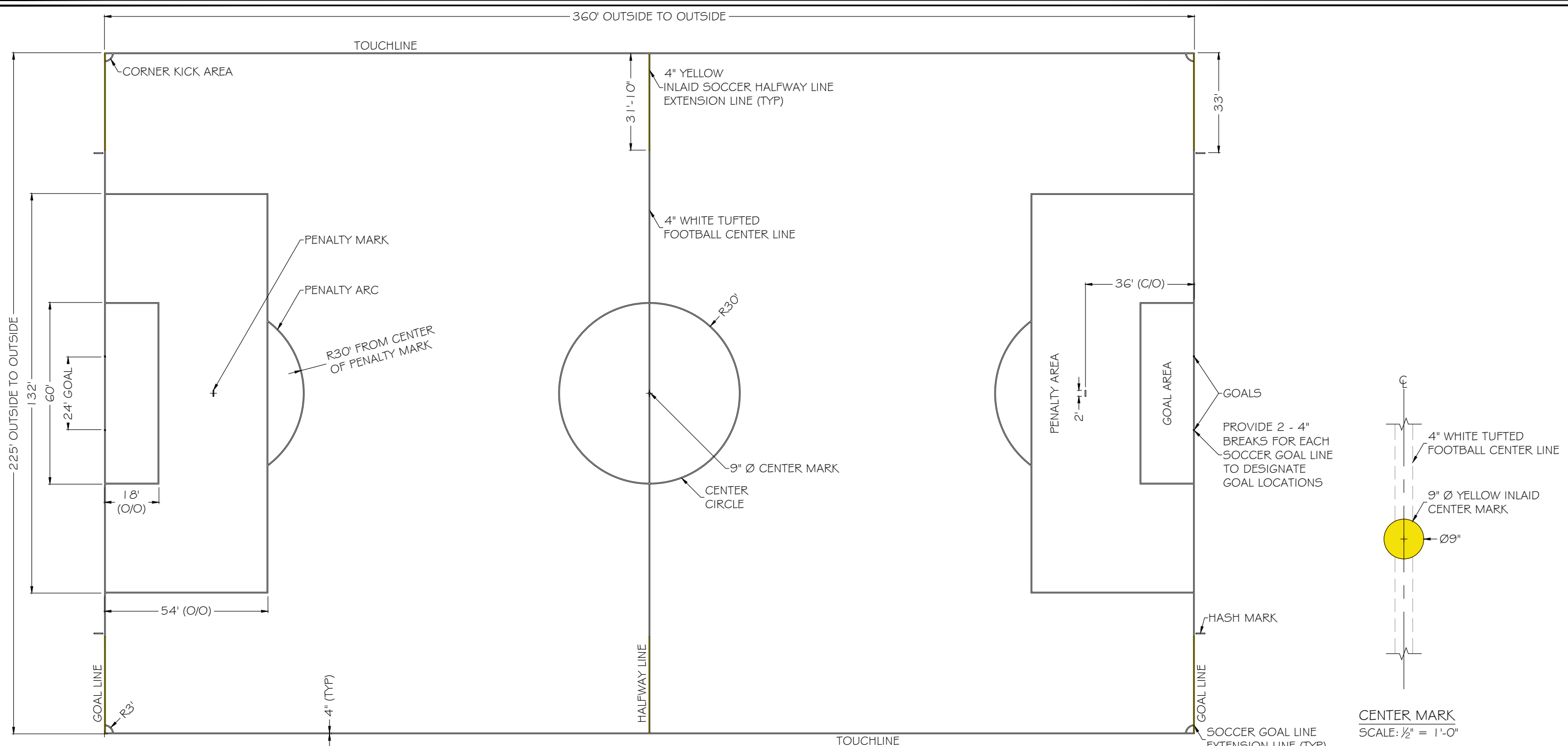


CITY OF PORTSMOUTH  
PORTSMOUTH, NH

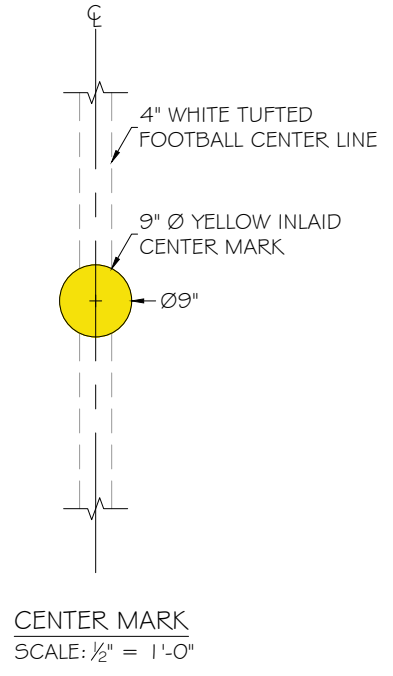
DATE: NOVEMBER 19, 2020  
ISSUE: SUBMITTAL  
SHEET: 2/7 FOOTBALL MARKINGS

**NFHS STANDARDS**

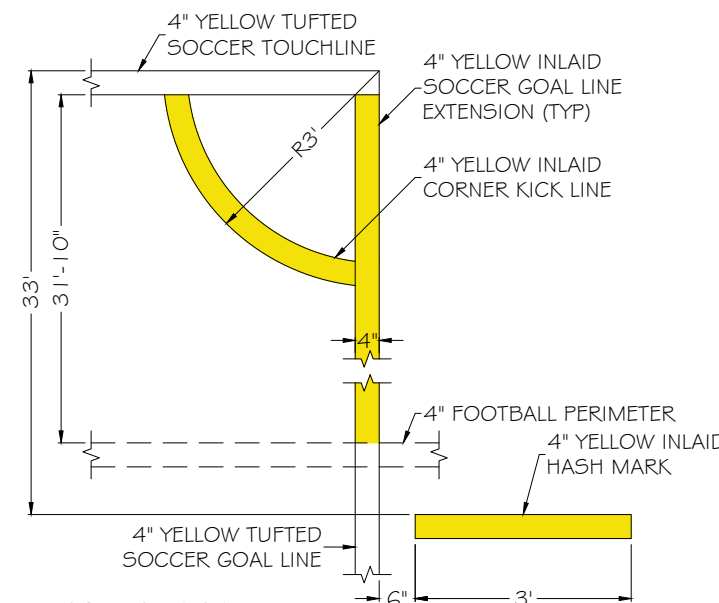
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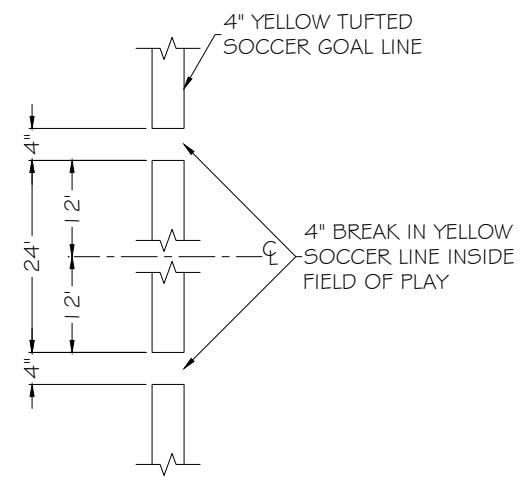
**SOCCER FIELD LAYOUT**  
SCALE: 1" = 35'-0"



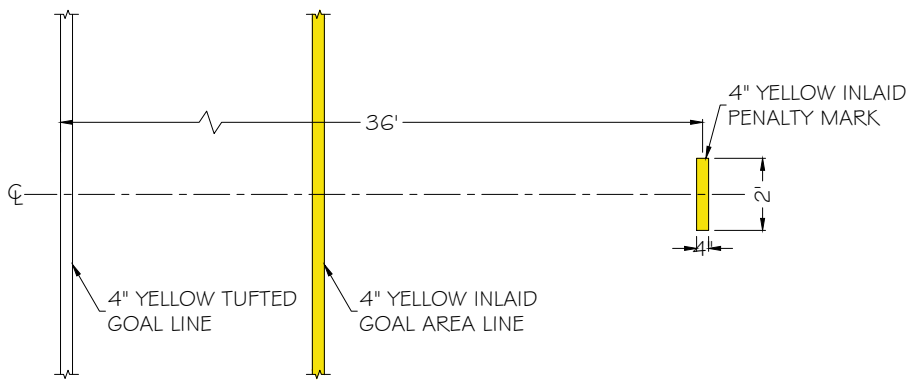
**CENTER MARK**  
SCALE: 1/2" = 1'-0"



**CORNER KICK**  
SCALE: 3/8" = 1'-0"

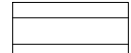



**GOAL LOCATION**  
SCALE: 1/2" = 1'-0"



**PENALTY MARK**  
SCALE: 3/16" = 1'-0"

**LEGEND:**

-  TUFTED YELLOW LINE (INDICATED ON DETAILS ONLY)
-  INLAID YELLOW LINE (INDICATED ON DETAILS ONLY)

**SOCCER LAYOUT NOTES:**

TOUCHLINES AND GOAL LINES ARE TUFTED YELLOW LINES.  
 THE SOCCER GOAL AREA, PENALTY AREA, PENALTY MARK, PENALTY ARC, MIDFIELD CIRCLE, CENTER MARK, CORNER KICK LINE, HASH MARK AND EXTENSION LINES ARE TO BE YELLOW INLAID TURF.  
 USE THE FOOTBALL 4" WHITE TUFTED CENTER LINE AS THE SOCCER HALFWAY LINE.

**NFHS STANDARDS**

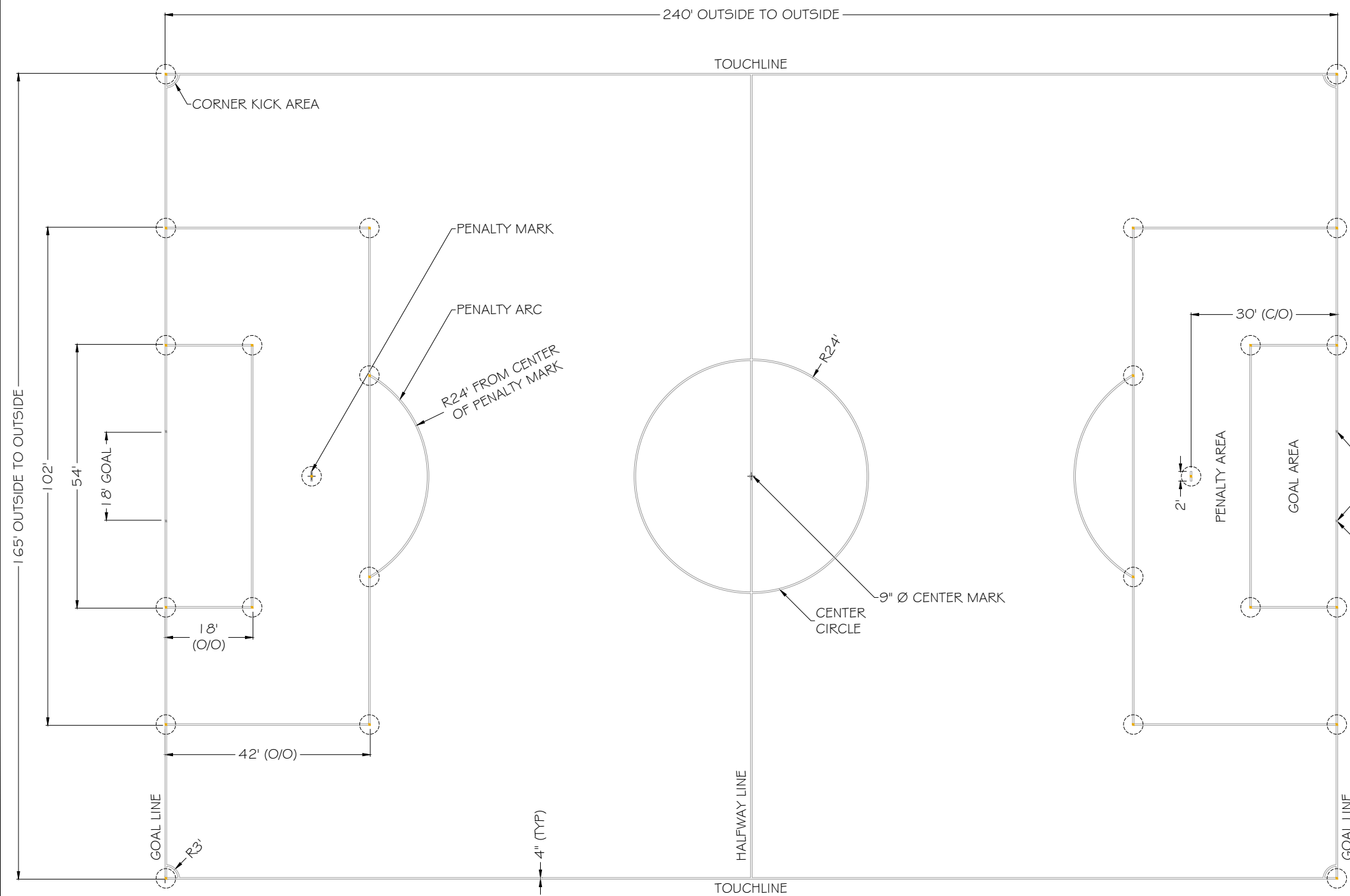
DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	AS SHOWN



**CITY OF PORTSMOUTH  
PORTSMOUTH, NH**


DATE: NOVEMBER 19, 2020	ISSUE: SUBMITTAL	SHEET: 3/7 SOCCER MARKINGS
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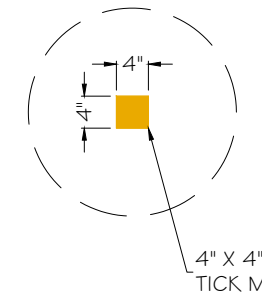
U-12 SOCCER FIELD LAYOUT  
SCALE: 1" = 25'-0"

LEGEND:

 INLAID MUSTARD LINE  
(INDICATED ON DETAILS ONLY)

U-12 SOCCER LAYOUT NOTES:

DASHED CIRCLES ARE TO INDICATE PLACEMENT OF THE 4" X 4" INLAID TICK MARKS.  
THE REST OF THE MARKINGS ARE TO BE PAINTED IN BY OTHERS.



TICK MARK  
SCALE: 1/2" = 1'-0"

DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	AS SHOWN
Scale is only accurate when this drawing is printed on 11" X 17" paper.	

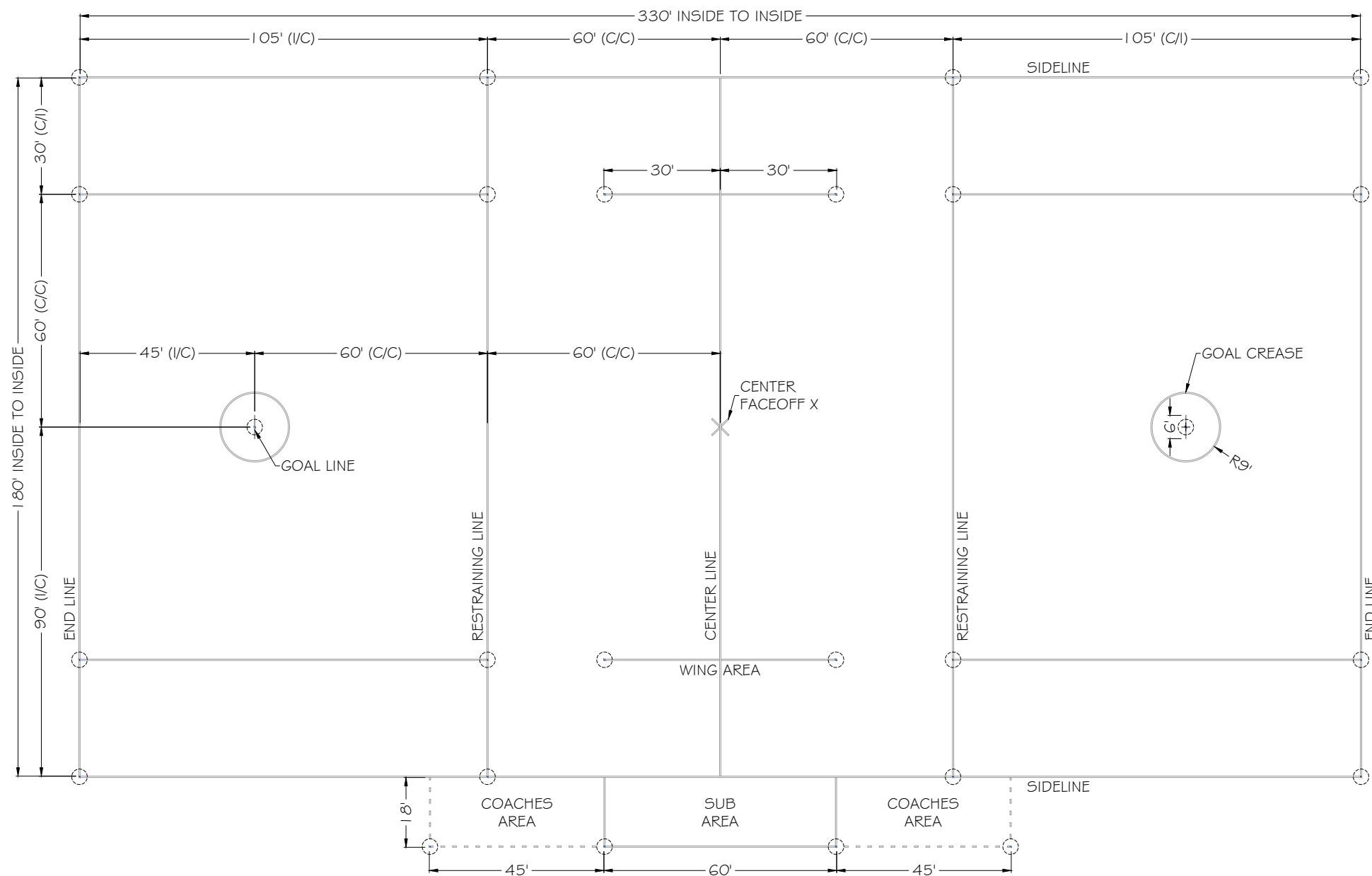


**FieldTurf**  
A Tarkett Sports Company

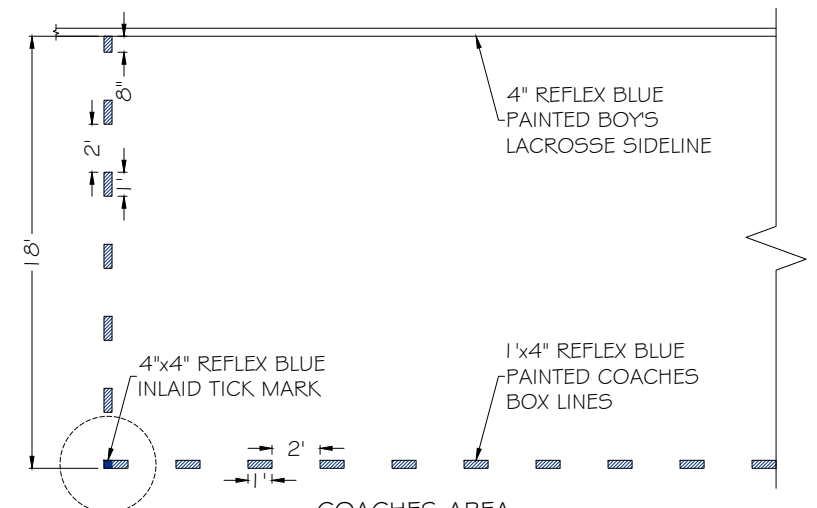
**CITY OF PORTSMOUTH  
PORTSMOUTH, NH**

DATE: NOVEMBER 19, 2020	ISSUE: SUBMITTAL	SHEET: 4/7 MINI SOCCER TICK MARKS
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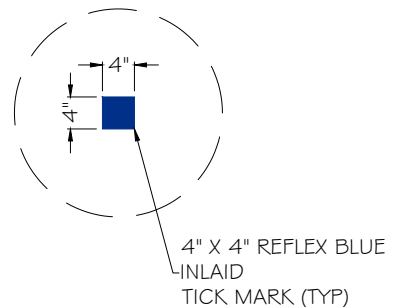
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**BOYS LACROSSE FIELD LAYOUT**  
SCALE: 1" = 35'-0"



**COACHES AREA**  
SCALE: 1/8" = 1'-0"



**TICK MARK**  
SCALE: 1/2" = 1'-0"

**LEGEND:**

- INLAID REFLEX BLUE LINE (INDICATED ON DETAILS ONLY)
- PAINTED REFLEX BLUE LINE (INDICATED ON DETAILS ONLY)

**BOYS LACROSSE LAYOUT NOTES:**

- DASHED CIRCLES ARE TO INDICATE PLACEMENT OF THE 4" X 4" INLAID TICK MARKS.
- USE THE FOOTBALL 4" WHITE TUFTED CENTER LINE AND 30 YARD LINES FOR THE BOYS LACROSSE CENTER LINE AND RESTRAINING LINES
- ALL LINES ARE 4" WIDE EXCEPT FOR THE GOAL LINE SHALL BE 2" WIDE.
- THE REST OF THE MARKINGS ARE TO BE PAINTED IN BY OTHERS.

**NFHS STANDARDS**

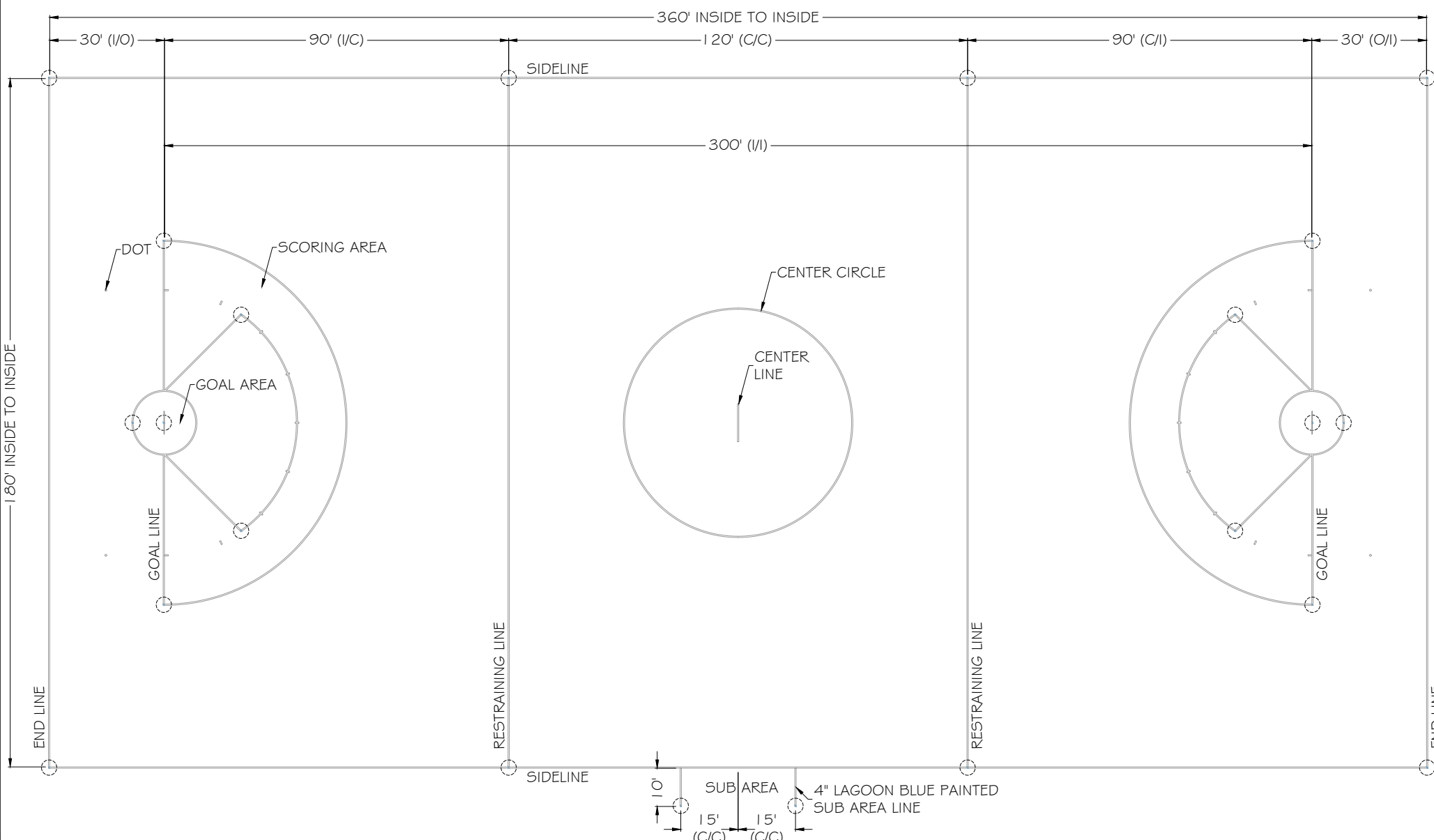
DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	AS SHOWN



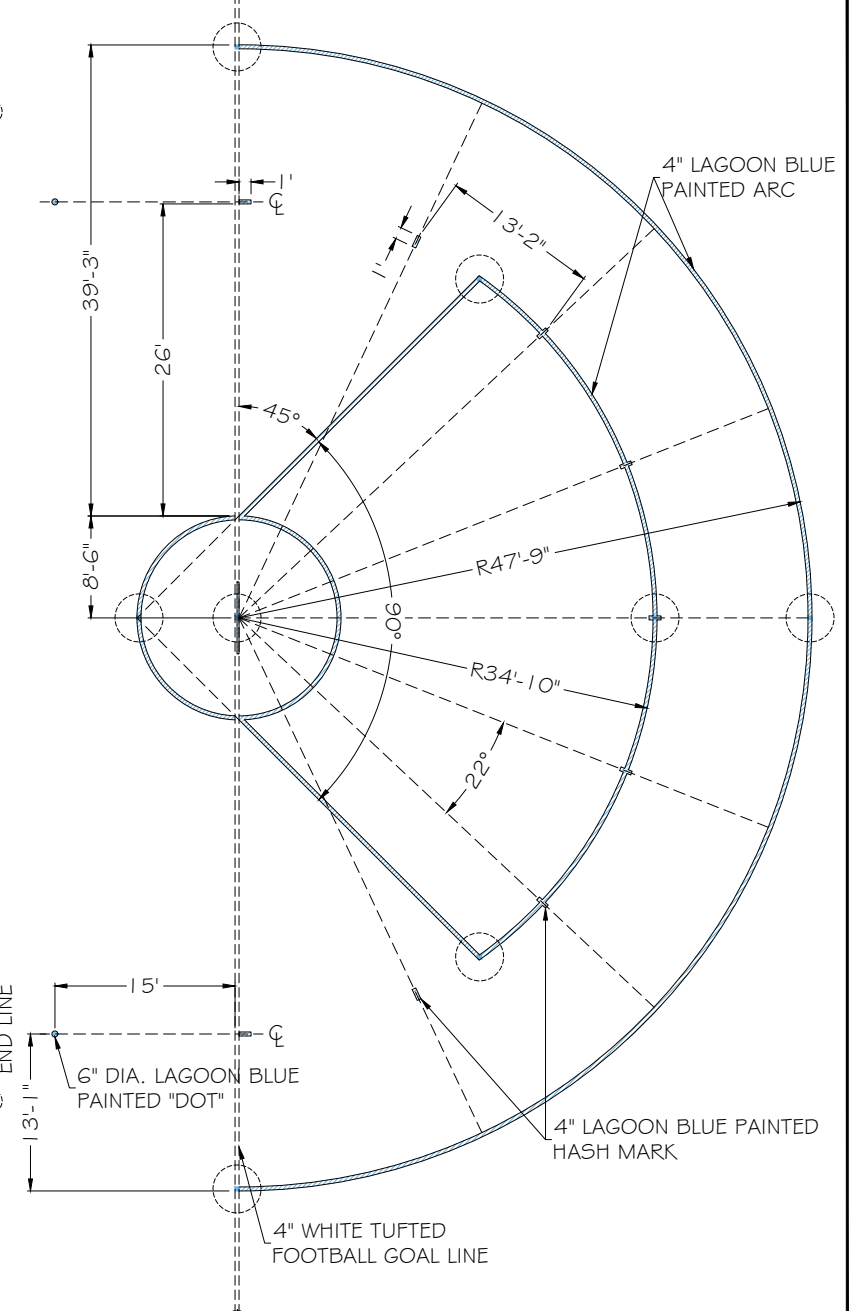
**CITY OF PORTSMOUTH  
PORTSMOUTH, NH**

DATE: NOVEMBER 19, 2020	ISSUE: SUBMITTAL	SHEET: 5/7 BOYS LACROSSE MARKINGS
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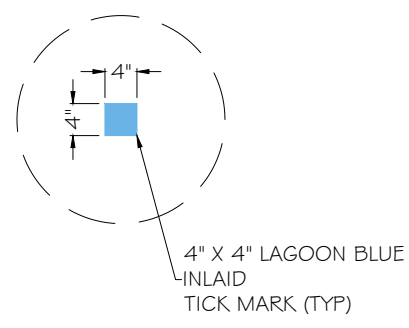
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GIRL'S LACROSSE FIELD LAYOUT  
 SCALE: 1" = 35'-0"



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



TICK MARK  
 SCALE: 1/2" = 1'-0"

LEGEND:

	INLAID LAGOON BLUE LINE (INDICATED ON DETAILS ONLY)
	PAINTED LAGOON BLUE LINE (INDICATED ON DETAILS ONLY)

GIRL'S LACROSSE LAYOUT NOTES:

DASHED CIRCLES ARE TO INDICATE PLACEMENT OF THE 4" X 4" INLAID TICK MARKS.

USE THE FOOTBALL 4" WHITE TUFTED END LINES AND 30 YARD LINES FOR THE GIRL'S LACROSSE END LINES AND RESTRAINING LINES.

ALL LINES ARE 4" WIDE EXCEPT FOR THE GOAL LINE SHALL BE 2" WIDE.

THE REST OF THE MARKINGS ARE TO BE PAINTED IN BY OTHERS.

**NFHS STANDARDS**

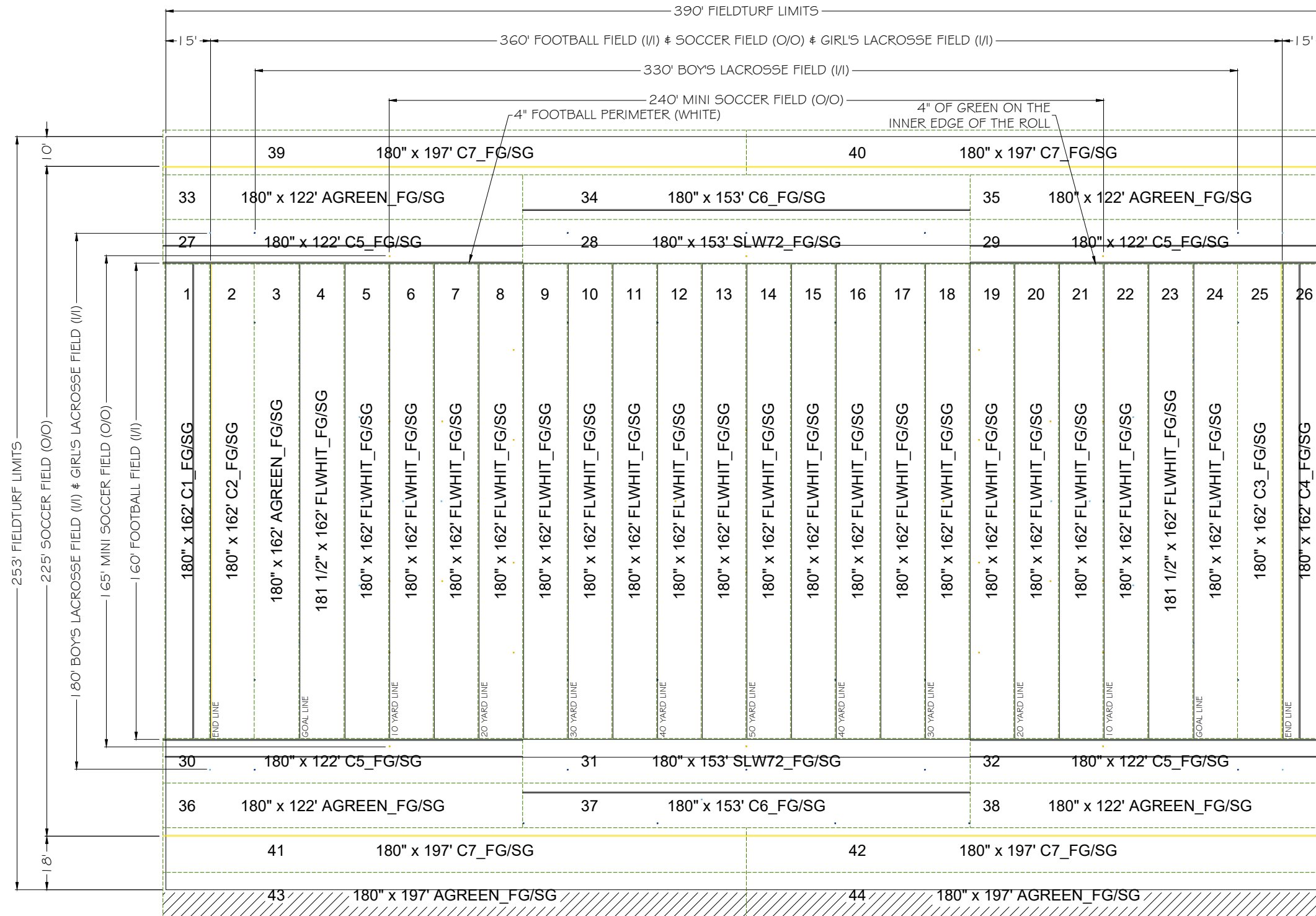
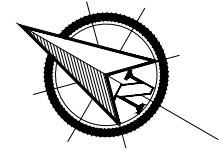
DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	AS SHOWN
Scale is only accurate when this drawing is printed on 11" X 17" paper.	

CITY OF PORTSMOUTH  
 PORTSMOUTH, NH

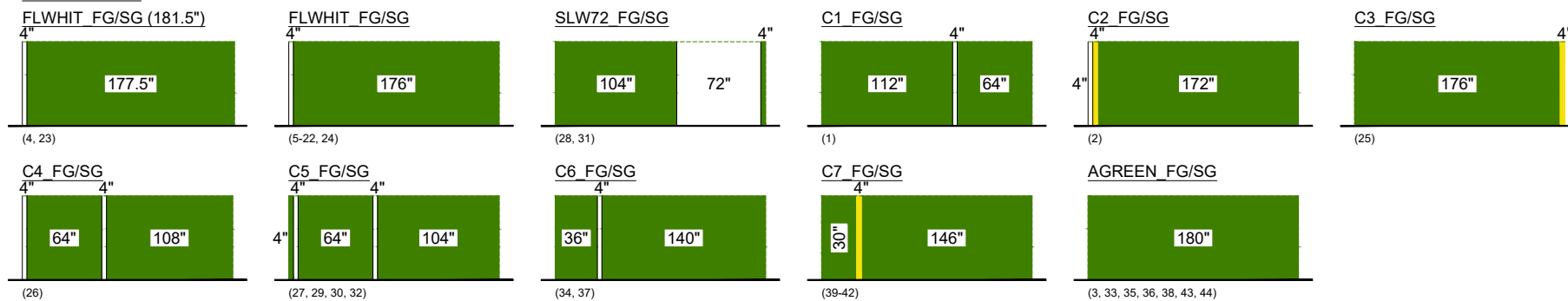
DATE: NOVEMBER 19, 2020  
 ISSUE: SUBMITTAL  
 SHEET: 6/7 GIRL'S LACROSSE MARKINGS

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**ROLL LEGEND:**



**INSTALLATIONS NOTES:**

1. ROLLS (SEAMS) ARE SHOWN IN DASHED LINES.
2. FIELD EDGE AND SPORTS LINES ARE SHOWN IN CONTINUOUS LINES.
3. ROLLS #2 & #26 HAVE THE FOOTBALL END LINES.
4. ROLLS #4 & #24 HAVE THE FOOTBALL GOAL LINES.
5. ROLLS #27 TO #32 HAVE THE FOOTBALL SIDELINES.
6. ROLLS #2 & #25 HAVE THE SOCCER GOAL LINES.
7. ROLLS #39 TO #42 HAVE THE SOCCER TOUCHLINES.
8. THE FOOTBALL SIDELINE ROLLS HAVE 4" OF GREEN ON THE FIELD SIDE OF THE ROLLS.
9. THE INSTALLATION OF THE ROLLS SHOULD START FROM THE 50-YARD LINE (ROLL #13/14).
10. USE THE LEGEND FOR PLACEMENT OF EXCESS ROLLS.



DRAWN BY:	M. H.
CHECKED BY:	J. B.
SCALE:	1"=40'
TOTAL FIELD AREA:	98,670 sq.ft.
TOTAL TURF MANUF'D:	104,771 sq.ft.
TOTAL EXTRA TURF:	6.2 %



**CITY OF PORTSMOUTH  
PORTSMOUTH, NH**

DATE: NOVEMBER 19, 2020  
ISSUE: SUBMITTAL  
SHEET: 777 ROLL LAYOUT

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# FULL SUBMITTAL FIELDTURF - DRAFTER CHECKLIST

PROJECT NAME	CITY OF PORTSMOUTH		
COMPANY	FIELDTURF		
STATE	NH		
TYPE OF FIELD	HIGH SCHOOL		
TEMPLATE	NFHS		
PRODUCT 1	FIELDTURF VERTEX 2" / FTVT-50		
PRODUCT 2	NONE		
PRODUCT 3	NONE		
SPORT	COLOR	STANDARD	COMMENTS
FOOTBALL	WHITE	NFHS	
SOCCER	CANARY YELLOW	NFHS	Confirm all colors with owner.
SOCCER TICK MARKS	MUSTARD	U-12	
BOY'S LACROSSE TICK MARKS	REFLEX BLUE	NFHS	
GIRL'S LACROSSE TICK MARKS	LAGOON BLUE	NFHS	
LOGO COLORS			
ADDITIONAL INFO			
NOVEMBER 19, 2020			