



Underhill Field – Grandstand & Turf Replacement

South Orange / Maplewood School District

spiegle

Home bleachers
and press box

Turf field

Visitor bleachers

Aerial View

Existing Underhill Field



Markings: Football • Soccer • Lacrosse

Visitor bleachers

New turf field

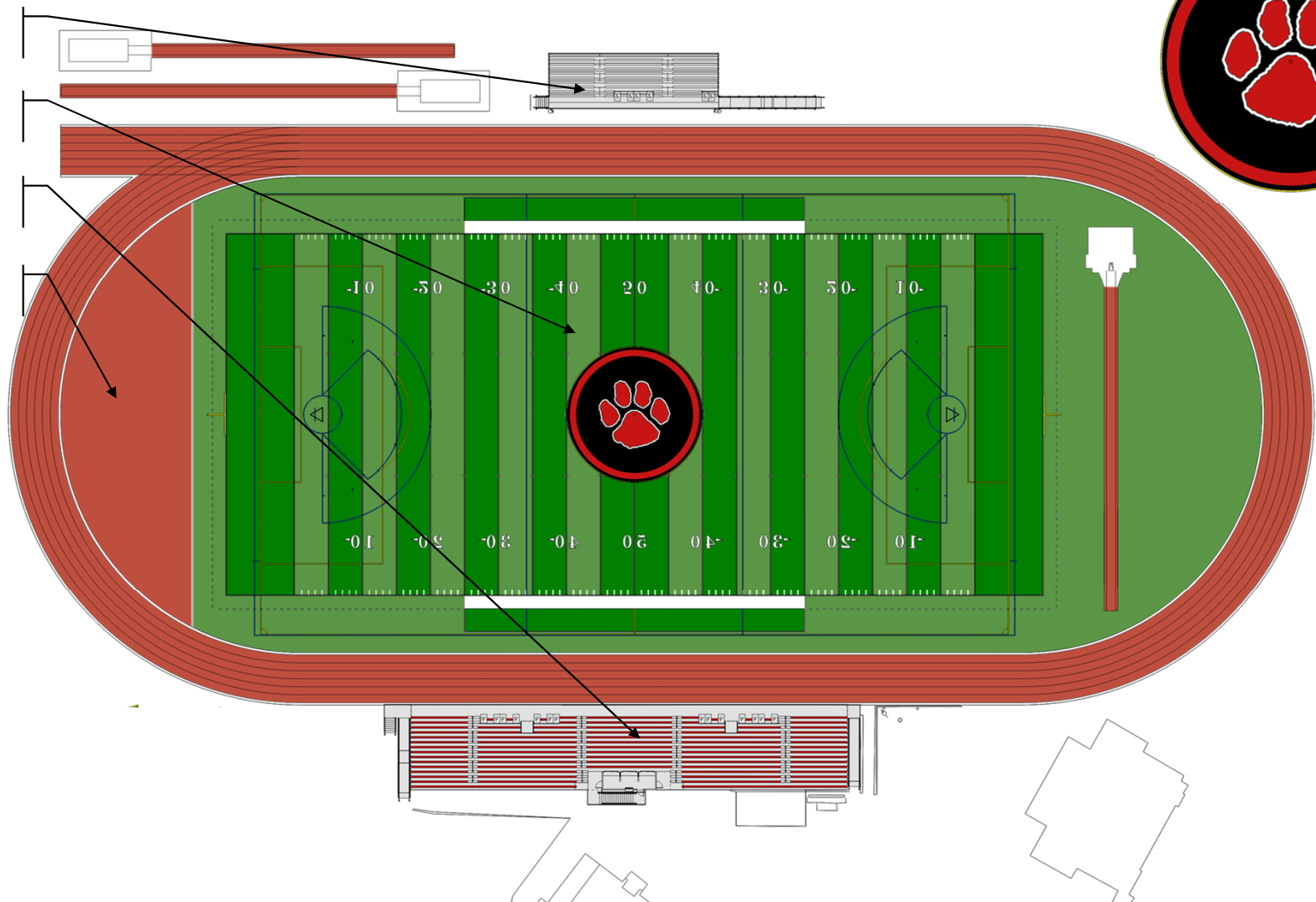
Home bleachers
and press box

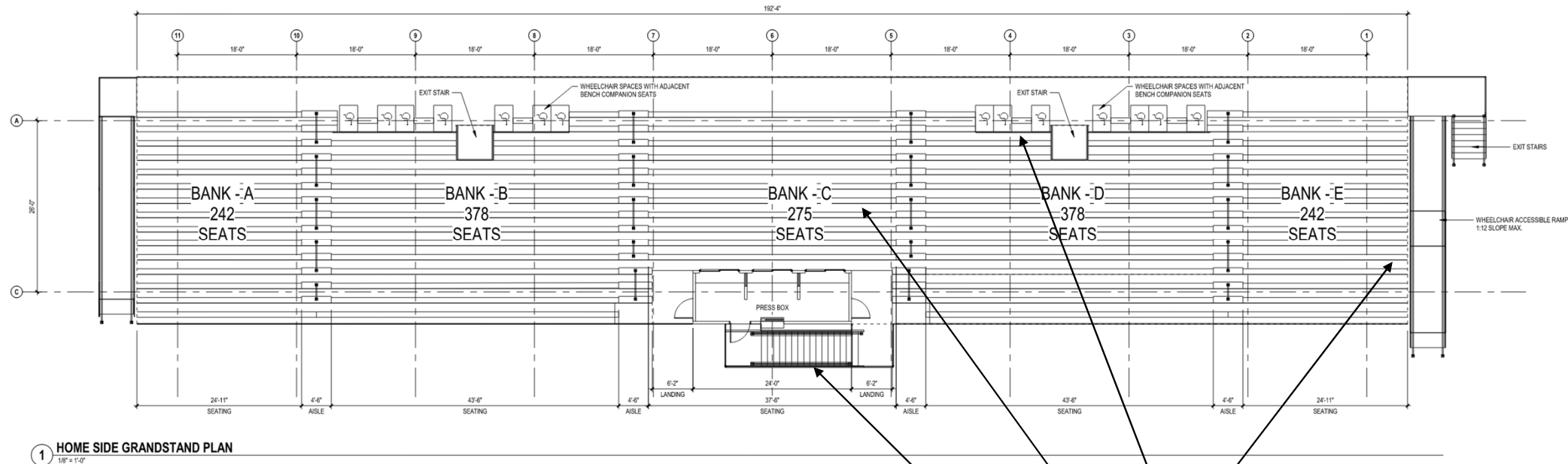
Track & Field
event areas



Plan

Underhill Field





Plan – Home Bleachers/Press Box

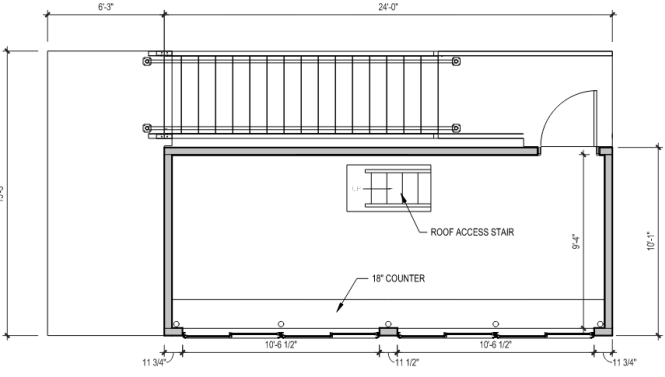
Underhill Field

Accessible ramps

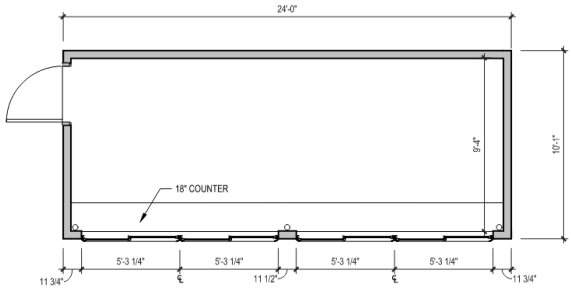
Accessible seating

1,515 capacity

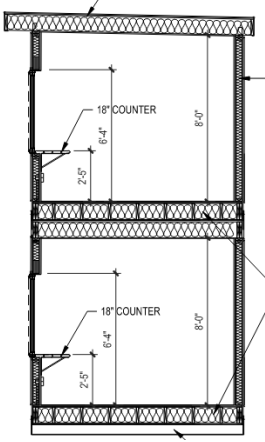
Press box



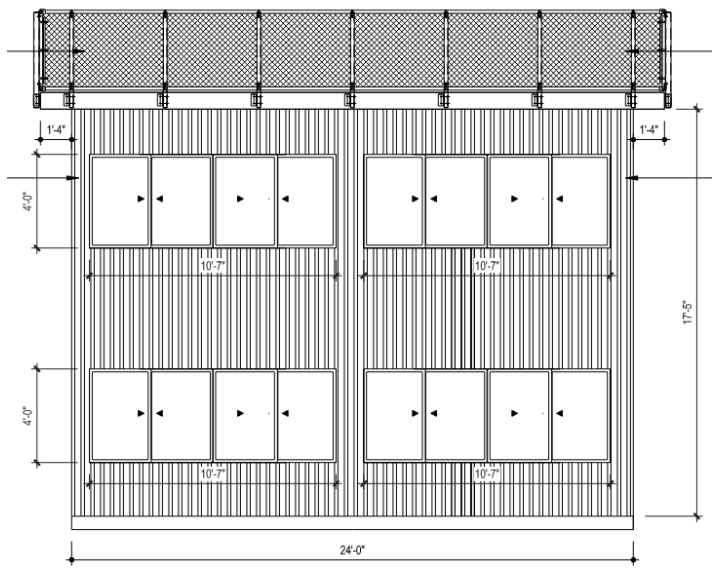
4 PRESSBOX SECOND FLOOR PLAN
1/4" = 1'-0"



5 PRESSBOX FIRST FLOOR PLAN
1/4" = 1'-0"



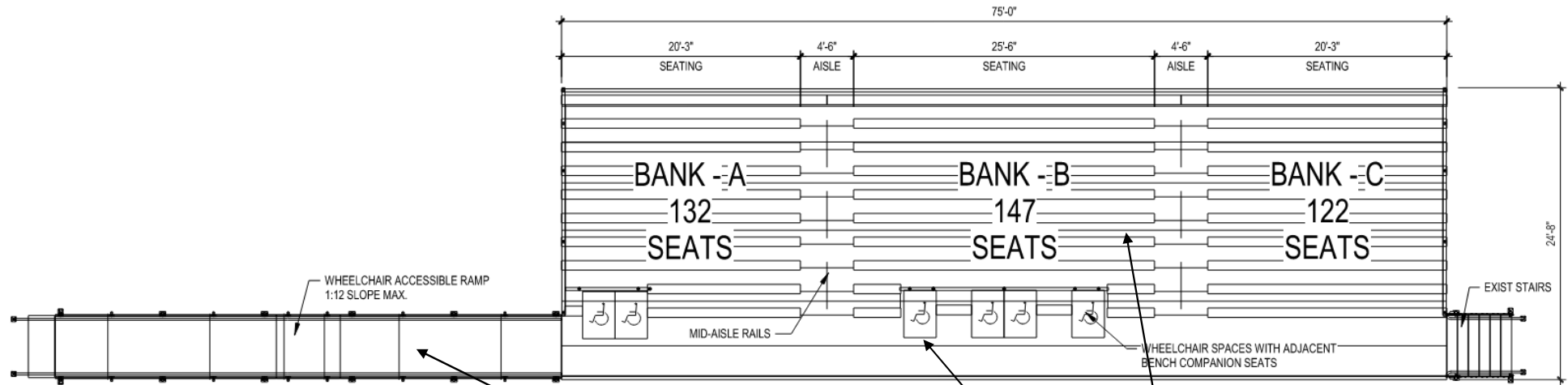
Press box "cut-through"
view and elevation



3 HOME SIDE GRANDSTAND SECTIONS
1/8" = 1'-0"

Press Box

Underhill Field



1 VISITOR'S SIDE GRANDSTAN PLAN
1/8" = 1'-0"

Plan – Visitor Bleachers

Underhill Field

401 capacity

Accessible seating

Accessible ramp

Turf

Base Specificaiton: FieldTurf USA
Elite Series Classic HD CoolPlay

- Turf "carpet" or "grass"
- Fill material
- Base including pad/subsurface

Turf Fill

Polyethylene Slit Film fiber (ADA access tested; 10-yr warranty)
"CoolPlay" infill top layer by FieldTurf over sand/sbr (cryogenically processed) rubber mix.
Tested by Sports Labs USA to have 35deg less avg surface temp

COOLPLAY HAS BEEN TESTED TO THE INDUSTRY STANDARD. EN 71-3 (PAR 3) TOY TESTING - MEETING ALL REQUIREMENTS.		
HEAVY METAL	COOLPLAY	REQUIREMENTS
Arsenic	< 0.05	47
Lead	< 0.5	160
Zinc	4	46,000

Source: FieldTurf CoolPlay brochure

Turf

Underhill Field

Status and Schedule

School	Phase	Start	End
Clinton ES	Small Additions	active	Aug 2022
	Full Addition/Site	Aug 2022	Aug 2023
	Renovations	active	Aug 2022
Jefferson ES	Add/Renovation	active	Aug 2022
Seth Boyden ES	Add/Renovation	active	Aug 2022
Tuscan ES	Add/Renovation	active	Aug 2022
S. Mountain ES/A	Add/Renovation	just bid	Aug 2023

Capital Improvements

South Orange Maplewood Schools

Status and Schedule

School	Target Start	Target End
Montrose/Marshall ES	Late 2022	Summer 2024
South Orange MS	Spring 2022	Summer 2023
Maplewood MS	Summer 2022	Summer 2024
Columbia HS	Spring 2022	Summer 2024
Ritzer Field	Spring 2023	June 2023
Underhill Field	Currently bidding	June 2022

Capital Improvements

South Orange Maplewood Schools