

REGION 4 BOARD OF EDUCATION

Date: January 30, 2024

Special Meeting – VRHS Media Center

(To view a recording of this meeting, please visit our website www.reg4.k12.ct.us and select “Remote Meeting Recordings” under the BOARD OF EDUCATION Heading)

Attendance:	<u>Region 4 BOE</u>	<u>Administration:</u>	<u>Other:</u>
(√ = attended)	Kate Sandmann √	Brian White √	Kelly Nelli, Arcadis √
	Jennifer Clark √	Sarah Brzozowy √	
	Lon Seidman √	Bob Grissom √	
	Lol Fearon √	Mike Barile √	
	Alex Silva √	Mel Morgan-Hostetler √	
	Rick Daniels √		
	John Stack √		
	Jane Cavanaugh √		
	Richard Strauss √		

Chair Sandmann called the special meeting to order at approx. 6:05 p.m.

Superintendent White introduced Kelly Nelli of Arcadis, who will be working as the Owner’s Project Manager for the Fields Renovation project, and was present at last week’s R4 Fields Renovation Advisory Committee meeting.

Ms. Nelli introduced the rest of her team present this evening and reviewed the presentation with the Board, that she had shared with the R4 Fields Renovation Committee at last Thursday’s meeting to explain the difference between a Design Build vs. a Design-Bid-Build approach to the project (see attached).

Representatives from FieldTurf shared a presentation with the Board regarding their Cooperative Purchasing method and Design Build services (see attached).

There was time for Board discussion and questions.

Public Comment:

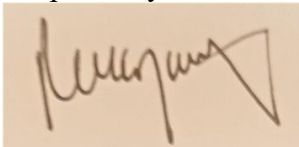
John O’Hare, Chester said he likes everything he’s heard so far, but asked for clarification as to what the fields to be built on the undeveloped land will be used for.

Board discussion continued.

Chair Sandmann stated that there was Board consensus to proceed with cooperative purchasing and direct the Superintendent to negotiate a contract with FieldTurf.

On motion duly made and seconded, the Board unanimously VOTED to adjourn at 8:06 p.m.

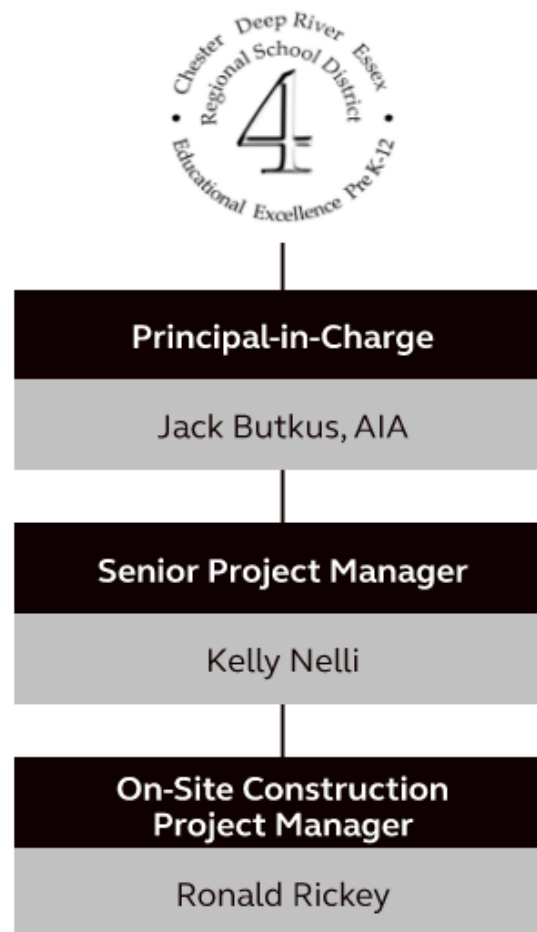
Respectfully submitted,



Secretary
Regional District #4 Board of Education

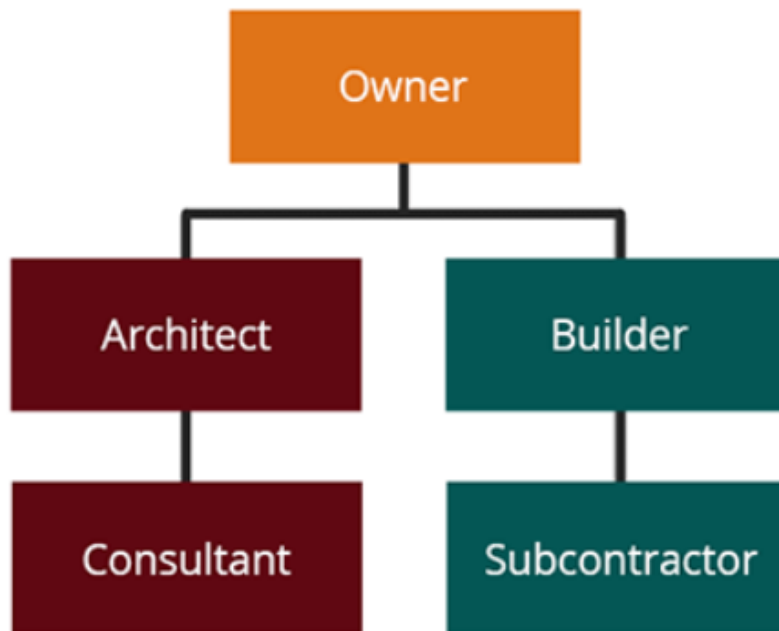
Reconstruction of Athletic Fields at Valley Regional High School and John Winthrop Middle School

About Our Team

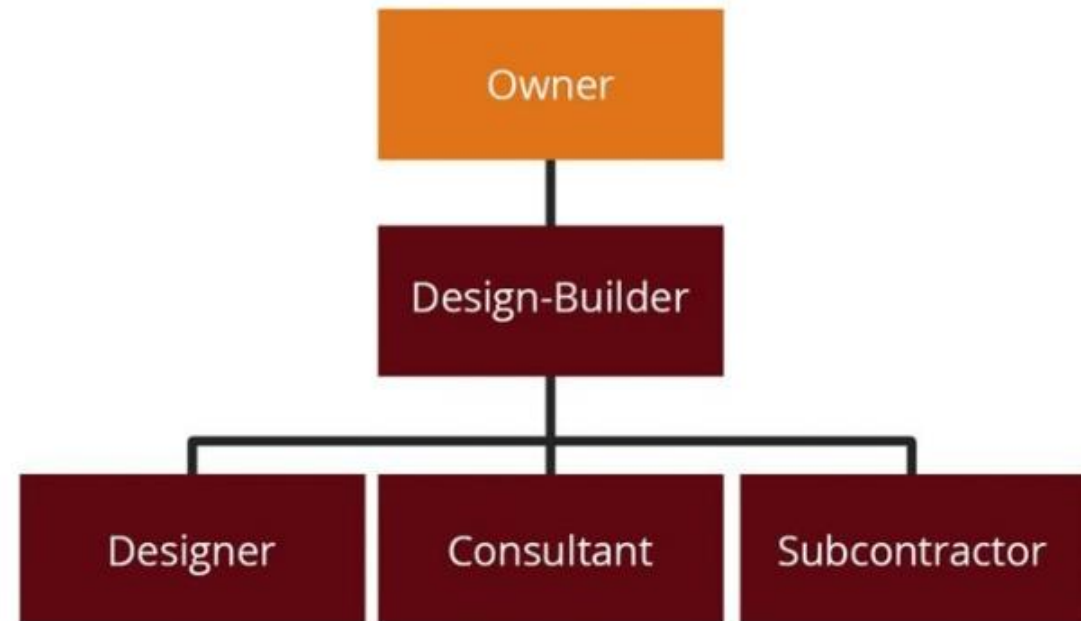


Delivery Methods

Design-Bid-Build



Design-Build



Design-Bid-Build

- DESIGN
 - Initiate RFP process – 3-4 weeks
 - Work on RFP for CM/GC and bring them on board shortly after designer
 - Alternate – Solicit proposal from 3 firms shorter turn around
 - Landscape Designer to produce Bid Documents – 8-10 weeks
 - Conduct subsurface testing to determine existing conditions
 - Comprehensive construction documentation : plans and spec
- BID
 - Public advertisement of bid documents
 - **Competitive Bidding and Pricing**
 - Bid period – 3-4 weeks
 - De-scope bids and contract award – 2-3 weeks
- BUILD
 - Submittals and Shop Drawings for Designer approval
 - Order materials
 - Mobilize on-site
 - Begin field(s) construction -
- **Less Risk**
- Designer and CM/GC are the agent of the Owner
- Can hire Designer and contractor at the same time, or one after another
- **Allows designer and contractor to work with district on needs and wants**

What's next?

- Begin Designer selection process while work on CM/GC RFP

Design Build

Typical process

- Need Bridging Documents
 - Need soil samples
 - Geotechnical Borings
 - Need to confirm ledge, perk, draining and other testing
- Clearly write RFP with no scope gaps – more risk
- **Hire design builder – one point of contact**
- **May have contractor on earlier**
- Potential time savings with single contracted entity – multiple phases and activities running parallel
- **Potential cost savings with streamlined design process**
- Designer works for the contractor. Design will conform to submitted cost

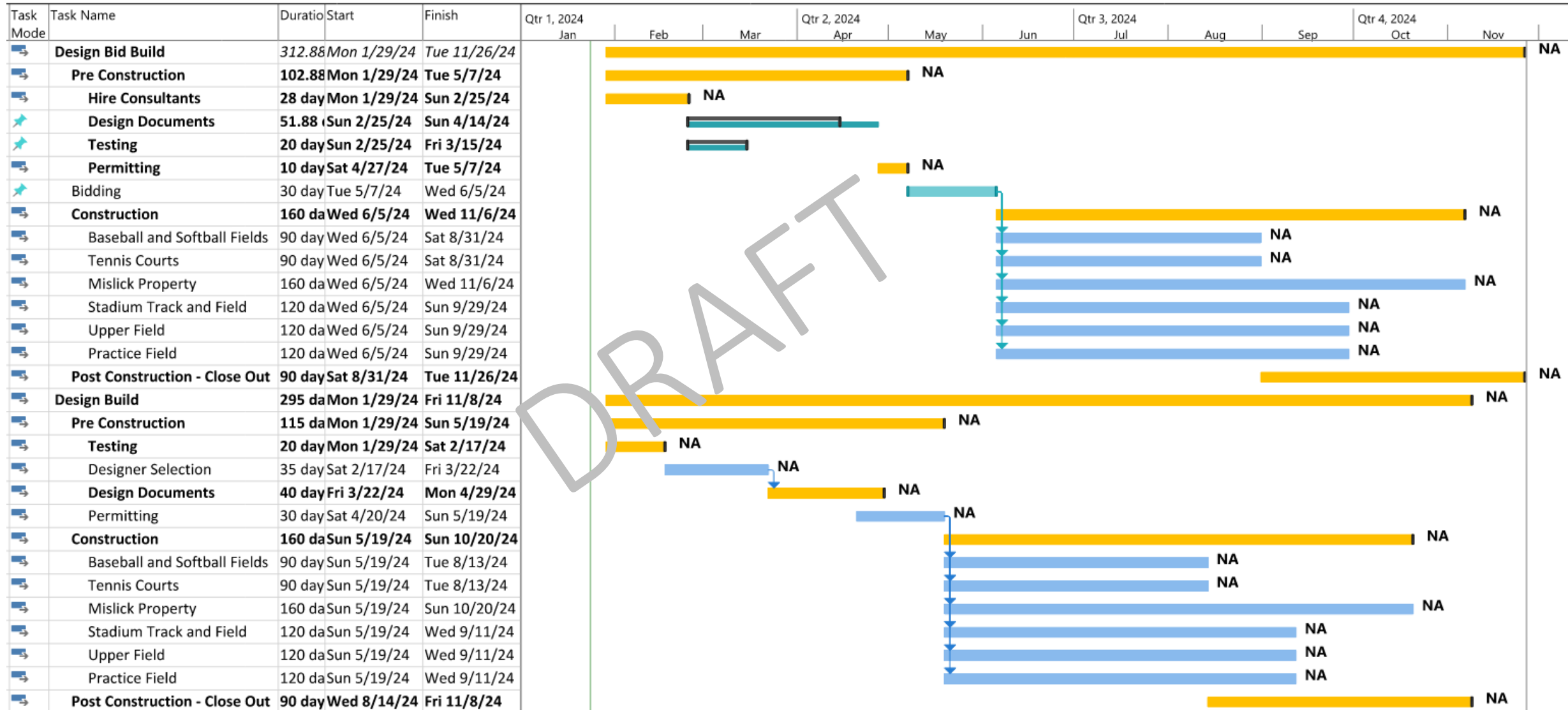
Cooperative purchase method

- Where you can bring on the contractor on earlier
- **No RFP process (may not be allowed by Charter)**
- **Design, permit, price all in line with another**
- All testing done by contractor
- Design is submitted to the state and prices are plugged in based on the current pricing.
- Not the lowest price, but best quality
- No design fees, only testing and permit processes, small upfront fees.

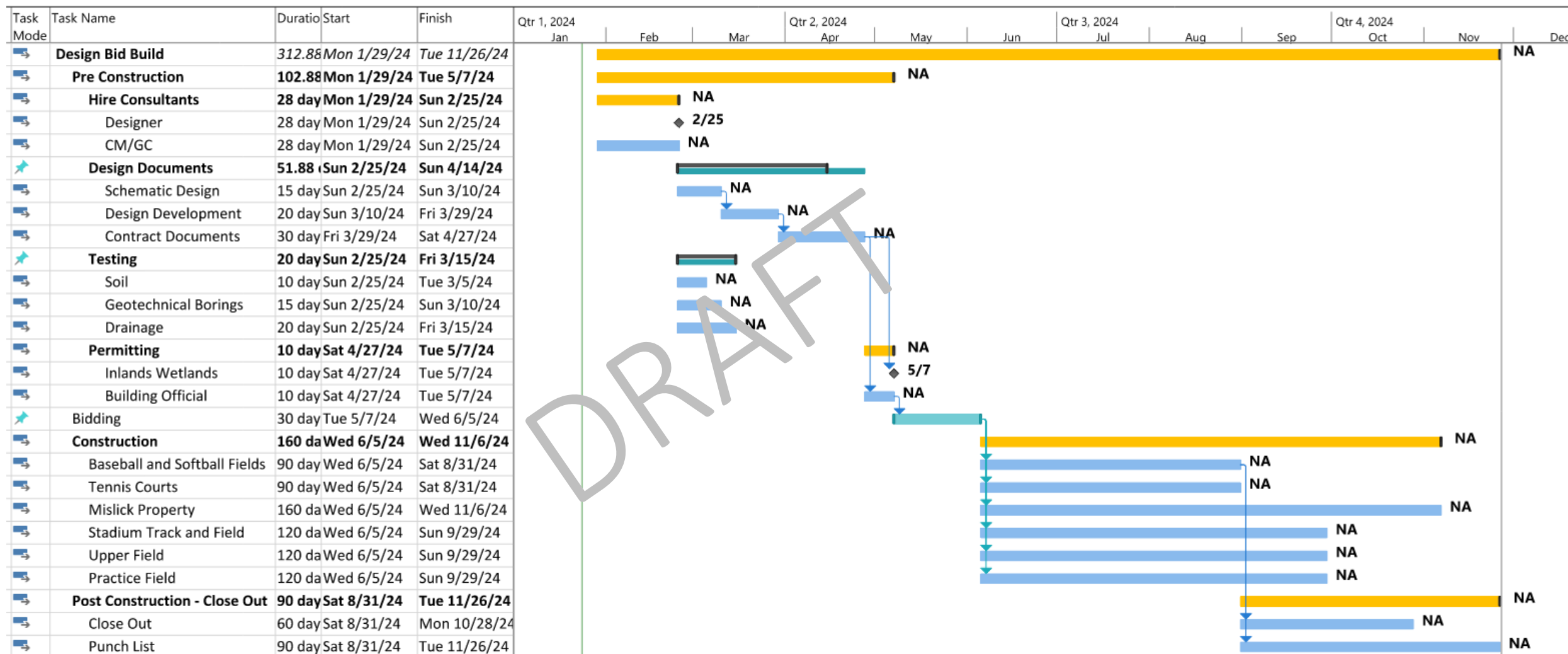
What's Next?

- Hire geotechnical and other contractors to do all necessary tests or go out to RFP for a cooperative delivery method

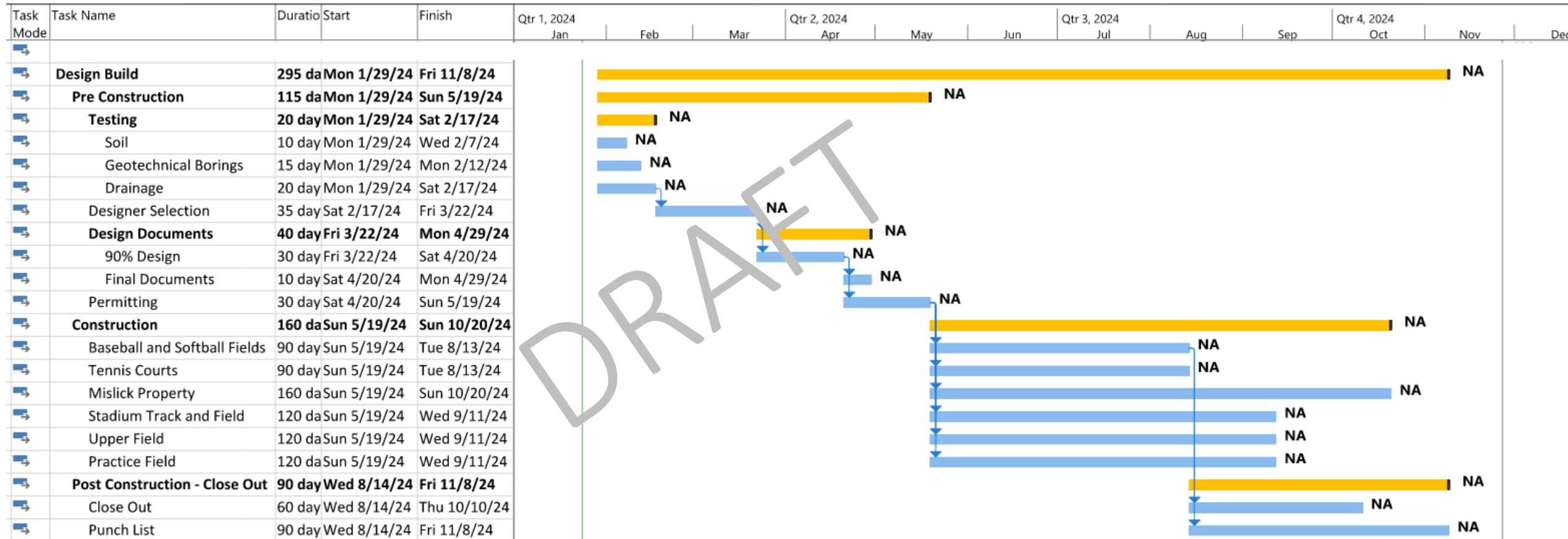
Schedule Comparison



Design Bid Build Schedule



Design Build Schedule





Thank You!

Arcadis. Improving the quality of life.

**WHY FIELDTURF
IS THE RIGHT
CHOICE FOR
VALLEY REGIONAL
HIGH SCHOOL**





PARTNERSHIP WITH REGION #4 BOARD

Field Turf

- Company Profile
- Turf Systems
- Safety
- Performance
- Vertical Integration
- Local Presence

CREC CO-OP

- Process
- Similar Projects
- Peace of Mind
- Sustainability
- Cost Savings
- Timeline
- Collaboration

Valley Regional

- Review of Materials
- Existing Site
- Potential Concepts
- Review
- Next Steps





FieldTurf

Manufacturing Excellence

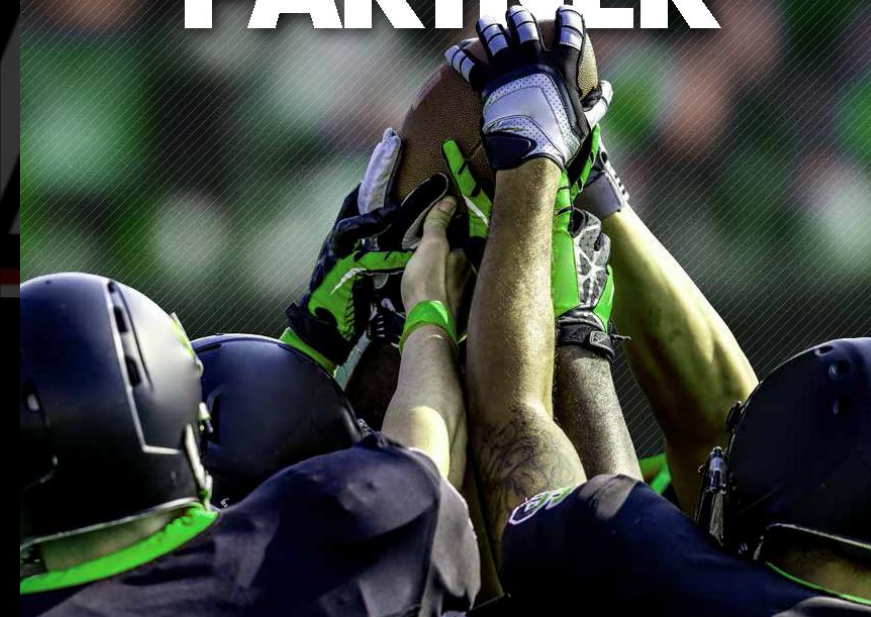
- for the most durable product

- Integration

- FieldTurf has manufacturing facilities in the USA, France, and Spain.
- 500,000 square foot facility in Calhoun, GA with complete tufting and coating abilities.
- Triple ISO Certification in 2010 – only turf company in North America with this distinction. (quality, the environment and occupational safety)



YOUR TRUSTED PARTNER





QUALITY

WHY FIELDTURF

OUR PROOF IS IN THE GROUND

With over 25,000 installations worldwide, FieldTurf has been the surface of choice for over 20 years. We're trusted - at every level. From professional franchises (NFL, MLS, CFL, MLB, and more); NCAA Division I, II and III programs; to schools & municipalities.



INSTALLATION IS OUR SECRET SAUCE

Don't underestimate the value of an experienced installation crew. Quality materials can only go so far. The success of your field greatly relies on their execution.

You will get one of the most experienced and knowledgeable teams in the industry. You'll access ASBA Certified Installers, in-house architects, expert project managers, and a team with thousands of years' experience in artificial turf.

EXPERIENCE

+15,000,000
HOURS OF EXPERIENCE

THAT'S ENOUGH TIME TO
FLY AROUND THE WORLD
+4,500 TIMES



Absolutely amazing effort! These guys worked nights, weekends, holidays, in the rain and in the cold to finish the schedule as they promised. Like our team, they are committed to excellence!

Christopher Crenshaw

ASSOCIATE VP FOR FACILITIES
PLANNING & MANAGEMENT
SOUTHERN MISSISSIPPI UNIVERSITY

WHY FIELDTURF

WE CONTROL QUALITY

WE CONTROL THE ENTIRE PROCESS

We're in control of your field from start to finish. We manage all aspects of the manufacturing value chain, which allows us to deliver products with proven leading quality.

A supplier that doesn't have full control over manufacturing has to purchase elements or outsource aspects of the process, increasing the chance of issues or finger-pointing and potentially leaving you out in the cold.

Ask the right questions to ensure your supplier has full control.

MANUFACTURING

+660M
SQ. FT. MANUFACTURED
SINCE 2009

WORKFORCE

+500
FULL-TIME U.S.
EMPLOYEES

+700
TOTAL U.S. EMPLOYEES
DURING PEAK SEASON

FIBER ▶ TUFTING ▶ COATING ▶ LOGOS ▶ INSTALLATION



WE DON'T CUT CORNERS BECAUSE WE UNDERSTAND WHAT'S ON THE LINE

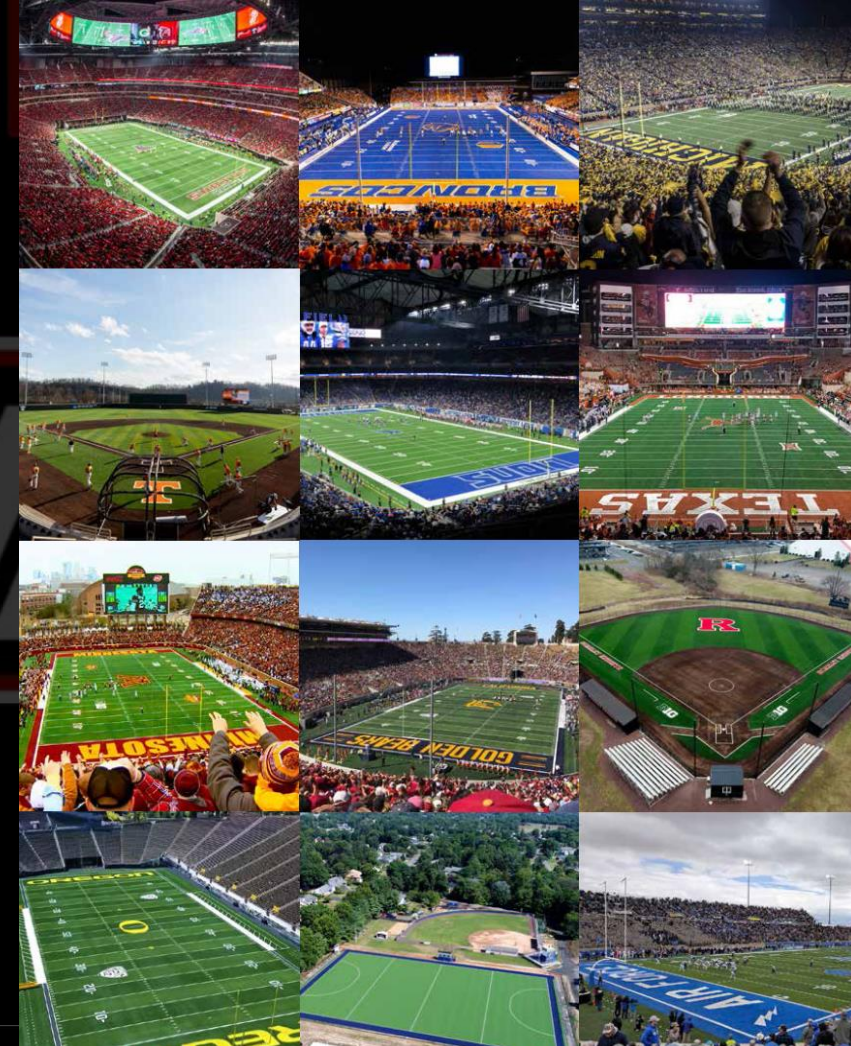
When you choose FieldTurf, you're choosing quality. That's why we invest in quality materials, manufacturing and teams.

Our Calhoun manufacturing facility is one of the most advanced in North America, and one of the only in the industry to have their quality management systems certified to ISO 9001-2015, ISO 14001-2015 and health & safety management system certified to ISO 45001-2018.



MADE IN AMERICA

WITH LOCAL
AND GLOBAL
MATERIALS



“

It was absolutely the best customer service I think I've ever had. And that's what sold me from the very beginning. We met with several companies but when I met FieldTurf, it was evident that these guys were ahead of the game. Their research, their customer service and everyone I spoke to, they all said their experience on the front end was outstanding, but it was even better on the back end.



Scott Berry

HEAD COACH
UNIVERSITY OF SOUTHERN MISSISSIPPI

FINANCIAL STABILITY

□ Longevity in the business

- FieldTurf is the inventor of the infilled artificial turf system and has been installing turf systems for over 25 years.
- Through Tarkett, FieldTurf enjoys the strongest equity base in the entire industry, with over 130 years of experience in the surfacing business.

□ Financial stability

- Division of Tarkett Sports
- Bonding capability of over 75 million dollars.
- Capacity to provide the worldwide demand for sports turf.
- Over \$100 Million in General Contracting work last year
- Over 25,000 Installations worldwide



WHY FIELDTURF

WE'RE NOT GOING ANYWHERE

If you need us, we'll be here. As part of the Tarkett Group, a global leader in flooring solutions, FieldTurf has unmatched financial support and stability. With over 140 years of history, Tarkett has proved its strength having successfully weathered the toughest economic, social and commercial challenges.

You can be confident that we'll be around if you need us. We're not only with you for this field, but for the next one, the one after, and beyond.



FINANCIALLY STRONG



TARKETT SA
EPA: TKTT

TARKETT GROUP NET SALES

\$3.5B USD

TARKETT GROUP ADJUSTED EBITDA

\$250M USD

Results per December 31, 2022

SUPPORTED BY GLOBAL STRENGTH & HISTORY



12,500
EMPLOYEES



140 YEARS
COMPANY HISTORY

AND FOR ADDED SECURITY, YOUR FIELD COMES WITH THE BEST WARRANTY

We're not scared to back up what we preach. You'll probably never need to use our premier warranty, but if you do, you can rest easy knowing you're protected.

We were the first company in the industry to offer a third-party insured warranty, and we continue to lead the way.

Don't jeopardize your energy, time, and investment; protect it.

PREPAID FOR 8-YEARS

You should never have to pay for a warranty. Make sure yours doesn't have a buy-in cost.

NO DEDUCTIBLE, \$0 OUT OF YOUR POCKET

Because if there is an issue, you shouldn't have to pay.

PER CLAIM & AGGREGATE LIMIT OF \$33,000,000

What's a warranty good for if there are no funds remaining when you need it. Make sure you're actually covered.

EXCLUSIVE 10-YEAR WARRANTY ON OUR CORE SYSTEM



FIELDTURF WARRANTY

FieldTurf was the first company in the industry to offer a third-party insured warranty. And while you'll probably never need to use it, you can rest easy knowing that you're protected by the industry's best warranty in the unlikely event something goes wrong with your artificial turf system.

- All FieldTurf fields are automatically covered upon issuance of the Warranty Certificate
- Yearly aggregate claim maximum of \$32,000,000
- No deductible
- No per claim limit, no retention, and no retention period



Through Tarkett, FieldTurf enjoys the strongest equity base in the entire industry, with over 130 years of experience in the surfacing business.





VERTICALLY INTEGRATED

MANUFACTURING EXCELLENCE



FIBER PRODUCTION:

Our fibers are produced at our very own facility in Germany, making FieldTurf one of the most vertically integrated companies in the world. The quality control process at our facility follows stringent testing of the yarn properties, including tensile strength, uniformity and color verification.



TUFTING EXPERTISE:

Once the fiber is produced it is ready for tufting. This takes place at our 500,000 square-foot manufacturing plant in Calhoun, Georgia. This plant is an ultra-modern facility in the heart of carpet country, with dedicated employees who have 300+ years of combined experience in the artificial turf industry.



COATING INNOVATION:

One of the most sophisticated coating lines in the artificial turf industry is at the heart of FieldTurf's Calhoun plant. It features our patented SureLock coating system which leaves 40% of the turf backing porous for industry-leading field drainage.



IN-HOUSE LOGO PRODUCTION:

Our specialized manufacturing capabilities allow us to bring your logo to life. Our logo experts can reproduce the most intricate and complex turf logos - and we do it all in-house. No matter the size, shape, color or detail of your logo, our team will reproduce it and bring it to life in your field.



EXPERIENCED INSTALLERS:

Installing a FieldTurf field is an art. Our installers are experienced and fully trained in all aspects of the FieldTurf product. These qualified experts are the ones our customers can count on to make sure that every FieldTurf field is installed to perform exactly as expected.



WHY FIELDTURF

WE MAKE IT EASY TO GET WHAT YOU WANT

Buying a new field can be a complex endeavor. Managing the bid process, fundraising, negotiating with contractors, committee meetings... a potential burden. That's why our SmartBuy Cooperative Purchasing Program is the leading solution to get the system you want at the best price. And it's easy!



+10 YEARS
EXPERIENCE

+1000
SUCCESSFULLY
COMPLETED PROJECTS

PRE-NEGOTIATED PRICING -
YOU KNOW YOU'RE GETTING
BEST PRICE

4 STEPS
SIMPLE 4 STEP PROCESS
VS TRADITIONAL 13 STEP



**DID YOU KNOW WE COULD EVEN FINANCE YOUR
FIELD WITH FIELDTURF FINANCIAL?**

2023 EXAMPLE CO-OP PROJECTS

2023 DESIGN - BUILD CO-OP PROJECTS

Newington High School
West Haven High School
EO Smith High School
US Coast Guard Academy
Coginchaug High School
Enfield High School
Town of Avon
Town of Enfield

Town of Vernon
Town of West Hartford
BOE Regional School District 13
Wilbur Cross High School
Joel Barlow High School
Southern Connecticut State Univ
South Windsor High School
City of Bridgeport

Griswold High School
Central Connecticut State Univ
City of West Haven
Brien McMahon High School
Town of Newington
Fairfield Public Schools
Brookfield High School
Regional School District 9



CREC CO-OP



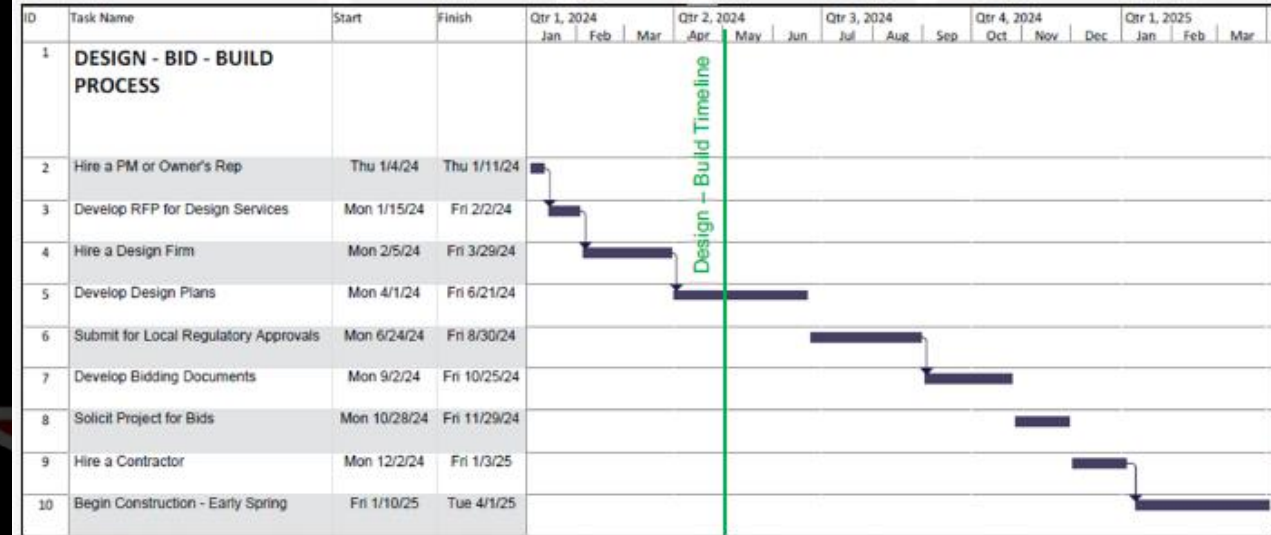


CREC CO-OP

- Pricing
 - Pre-Negotiated Through 37 States
- SMART BUY and State Review of Proposals
- In-House Design: Potential Savings 5% - 6% From Typical Construction Costs
- Typical Savings Approximately 10%

DESIGN - BID - BUILD APPROACH TIMELINE

The various steps to get from the project inception, through the implementation of a design, bidding and finding a suitable construction partner requires approximately 1 year before being able to start construction.



DESIGN - BUILD APPROACH TIMELINE

Utilizing in-house design staff with expertise in field building and design, access to CREC Co Op nationally bid pricing and in-house construction team; streamlines the process.



PROJECT NAME	YEAR	OWNER	CITY	PRODUCT	CO-OP	PROJECT NAME	YEAR	OWNER	CITY	PRODUCT	CO-OP	PROJECT NAME	YEAR	OWNER	CITY	PRODUCT	CO-OP
Newington High School Track	2024	Newington Public Schools	Newington	BSS 100 + site work	CREC	Malborough Elementary School Community Room	2022	Town of Marlborough	Marlborough	Omnisports Active Plus 8.1 flooring	OMNIA	Glastonbury High School	2018	Town of Glastonbury	Glastonbury	FTRV 360 2.5"	CREC
West Haven HS Stadium	2024	West Haven Public Schools	West Haven	FTVTP2 w/ BSS 100 + site work	CREC	Stepney Elementary School	2022	Monroe Public Schools	Monroe	Omnisports Active Plus 8.1 flooring	Sourcewell	Darien High School Stadium	2018	Town of Darien	Darien	FTHD 57	CREC
EO Smith High School	2024	Regional School District #19	Storrs	FTVT57 w/ EPDM + site work	CREC	Suffield High School Stadium	2022	Town of Suffield Connecticut	West Suffield	FTVTP1 + site work	CREC	Darien High School Track	2018	Town of Darien	Darien	Blue BSS Spray Coat	CREC
USCGA Soccer Replacement	2024	United States Coast Guard	New London	Core57 w/ BSS 2000 + site work	GSA	King Phillip 88 Reno	2021	Town of West Hartford	West Hartford	Field renovation	CREC	Indian Ledge Park	2018	Town of Trumbull	Trumbull	Vertex Prime + site work	CREC
Coginchaug High School LABOR	2024	BOE Regional School District 13	Durham	FieldTurf Classic HD 2.5" Labor Only	CREC	Whiting Lane Field Renovation	2021	Town of West Hartford	West Hartford	Field renovation	CREC	Norwalk HS Replacement	2018	City of Norwalk	Norwalk	FT Rev 360 + site work	CREC
Enfield High School	2023	Town of Enfield	Enfield	FTVTP1 w/ BSS 100 + site work	Sourcewell	West Rocks School	2021	City of Norwalk	Nowalk	FTVTP2 w/ CoolPlay	CREC	ESCU Field Hockey	2018	Eastern Connecticut State University	Mansfield	FieldTurf Multi40 + site work	Sourcewell
Buckingham Park Infield	2023	Town of Avon	Avon	import screen sand and topsoil, lasergrade resod	CREC	Old Lyme Tennis	2021	Old Lyme Schools	Old Lyme	2 post tension concrete tennis courts	CREC	Brien McMahon HS Baseball	2017	City of Norwalk	Norwalk	XTHD57	CREC
Windermere Soccer Field	2023	Town of Vernon	Vernon	Regrade topsoil, deep seed bed, fertilize	CREC	Newtown High School	2021	Town of Newtown	Sandy Hook	FTVTP1 w/ BSS 100 + site work	CREC	Lyman HS Track	2017	Lebanon Public Schools	Lebanon	Red Plexitrac	CREC
Wolcott Park - Field Renovation	2023	Town of West Hartford	West Hartford	New sod on playing surfaces + site work	CREC	Brookfield HS	2021	Town of Brookfield	Brookfield	FTHD1 + site work	CREC	Bittner Park Skate Park	2017	Town of Guilford	Guilford	Hinding Post Tension concrete skate park	CREC
Coginchaug HS REPL	2023	BOE Regional School District 13	Durham	FTHD1 - Materials Only	CREC	Amity Regional High School	2021	Amity Regional High School District	Woodbridge	FTHD1 w/ CoolPlay + site work	CREC	Trumbull High School	2017	Town of Trumbull	Trumbull	Vertex Prime 2"	CREC
Wilbur Cross High School	2023	City of New Haven	New Haven	FTHD1 w/ CoolPlay + site work & Track	CREC	Portland High School Tennis Court Repair	2020	Town of Portland	Portland	Pressure wash, repair, and resurface 6 existing tennis courts	Sourcewell	Cheshire HS Tennis	2016	Town of Cheshire Parks and Recreation	Cheshire	(6) Tennis Courts	CREC
Joel Barlow HS Design	2023	Joel Barlow High School	Redding	Design work	CREC	Waterford High School Softball	2020	Town of Waterford	Waterford	Vertex + site work	CREC	Rocky Hill High School	2015	The Town of Rocky Hill	Rocky Hill	XTHD 65	CREC
SCSU Stadium Field	2023	Southern Connecticut State University	New Haven	FTVTP57 w/ Track + site work	CREC	Killingly High School	2020	Killingly Public Schools	Dayville	Vertex Prime 2.5" + site work & bleachers	CREC	Brien McMahon High School	2015	City of Norwalk	Norwalk	XTHD 65 and Site Work	CREC
Griswold High School	2023	Town of Griswold	Griswold	FTHD1 w/ BSS 100 + site work	CREC	Tomlinson Middle School Tennis	2020	Fairfield Parks & Recreation Department	Fairfield	four (4) tennis courts	CREC	Westside Missdle School	2015	City of Danbury	Danbury	Vertex 2.25"	CREC
CCSU Soccer REPL	2023	Central Connecticut State University	New Britain	FTVTP1 + site work	CREC	Darien HS Tennis	2020	Town of Darien	Darien	5 Tennis Courts	CREC	Nathan Hale Middle School	2014	City of Norwalk	Norwalk	FieldTurf XT-57, XT 65	CREC
West Haven HS Design	2023	City of West Haven	West Haven	Design work	CREC	Frank Scott Bunnell High School	2020	Town of Stratford	Stratford	FTVTP1 + site work	CREC	Granby High School Stadium	2013	Town of Granby	Granby	XM6-65 & BSS 200	CREC
Brien McMahon Track	2023	City of Norwalk	Norwalk	BSS 100	CREC	Whiting Lane Park Tennis Courts	2020	Town of West Hartford	West Hartford	2 post tension tennis courts + site work	CREC	Granby High School Soccer	2013	Town of Granby	Granby	XM6-50 2"	CREC
Clem Lemire Rec Complex	2023	Town of Newington	Newington	FTHD57 + site work	CREC	Bunnell Baseball	2020	Town of Stratford	Stratford	FTVTP57 + site work	CREC	Treadwell Park	2013	Town of Newtown	Newtown	XT HD 65 + site work	CREC
Burr Elementary Gymnasium	2023	Fairfield Public Schools	Fairfield	Omnisports Active Plus 8.1 flooring	OMNIA	Wolcott Park Tennis	2019	Town of West Hartford	West Hartford	Post tension concrete & court surfacing	CREC	Farmington High School	2013	Town of Farmington	Farmington	Poly-4000	CREC
Brookfield HS Part II	2023	Town of Brookfield	Brookfield	FTVTP1 w/ BSS 100 + site work	CREC	New FairfieldTennis	2019	New Fairfield Public Schools	New Fairfield	5 Tennis Courts (Post Tension)	CREC	Weed Beach	2013	Town of Darien	Darien	(6) Post Tensioned Concrete Courts	CREC
Joel Barlow HS	2023	Regional School District 9	Redding	FTVTP57 + site work	CREC	Darien HS Baseball	2019	Darien Public Schools	Darien	FTHD 2	CREC	Jonathan Law	2013	Milford Board of Education	Milford	(4) New Tennis Courts	CREC
South Windsor HS Design	2023	South Windsor Public Schools	New Canaan	Design work on field and tennis courts	CREC	Treadwell Park	2019	Town of Newton	Newton	FTHD - 1	NUPA	Bloomfield High School	2012	Bloomfield Board of Education	Bloomfield	Poly-4000 - 1/2" depth BLUE	CREC
Wallop School Park Basketball Court	2023	Town of Enfield	Enfield	Concrete slab and Novasurface acrylic resurfacer	Sourcewell	Hall High School Turf Replacement	2019	Town of West Hartford	West Hartford	FieldTurf Vertex FTVT-57 + site work	CREC	Cherry Lawn Park	2012	Town of Darien	Darien	Resurface 3 Courts, 1 New Court	CREC
Ellsworth Park LL	2023	City of Bridgeport	Bridgeport	EasyField + site work	CREC	Ludlowe HS Tennis Court Reconstruction	2019	Town of Fairfield	Fairfield	Installation of post tension concrete system-6 courts	CREC	Joseph A. Foran HS	2012	Milford Board of Education	Milford	4 Tennis Courts	CREC
Wolcott High School	2022	Wolcott High School	Wolcott	FTHD1, Track + site work	CREC	Norwalk HS Tennis	2019	City of Norwalk	Norwalk	Tennis court installation-6 Tennis Courts	CREC	Robert E. Fitch High School	2012	Groton Public Schools	Groton	3 Tennis Courts & Crack Repair	CREC
Brien McMahon High School Softball	2022	City of Norwalk	Norwalk	FTHD57 w/ CoolPlay	CREC	Foran HS Softball	2019	Milford BOE	Milford	XTHD50 + site work	CREC	New Fairfield High/Middle	2011	Town of New Fairfield	New Fairfield	Atlas Poly 4000	CREC
Buena Vista Tennis & Pickleball Courts	2022	West Hartford Town Hall	West Hartford	(2) post tension tennis courts (6) pickleball courts	CREC	Burton Family Football Complex	2018	University of Connecticut	Storrs	FTRV 360	NUPA	Danbury High School	2011	City of Danbury	Danbury	Vertex 2.25" + site work	CREC
Newtown HS Field 2	2022	Town of Newtown	Newtown	XT57 + site work	CREC							New Canaan High School	2011	Town of New Canaan	New Canaan	BSS 1000 FP Top	CREC

EXCELLENCE OF FIELDTURF



MERRIMACK COLLEGE
North Andover, MA - Prestige Vertex



MONMOUTH UNIVERSITY
West Long Branch, NJ - Revolution 360Core



MOUNT ST. MARY'S UNIVERSITY
Emmitsburg, MD - Classic HD



OHIO STATE UNIVERSITY
Columbus, OH - Vertex Prime Core



QUINNIPAC UNIVERSITY
Hamden, CT - Revolution 360



ROBERT MORRIS UNIVERSITY
Moon Township, PA - Prestige Vertex



RUTGERS UNIVERSITY
Piscataway, NJ - Core



SAINT JOSEPH'S UNIVERSITY
Philadelphia, PA - Prestige Vertex



SIENA COLLEGE STADIUM
Albany, NY - Vertex Prime



ST. JOHN'S UNIVERSITY
Jamaica, NY - Revolution 360



STONY BROOK UNIVERSITY
Stony Brook, NY - Revolution 360



SUNY UNIVERSITY
Albany, NY - Vertex Prime



SYRACUSE UNIVERSITY
Syracuse, NY - Classic HD



TOWSON UNIVERSITY
Towson, MD - Revolution 360



UNIVERSITY OF MARYLAND
College Park, MD - Classic HD



UNIVERSITY OF MARYLAND BALTIMORE COUNTY
Baltimore, MD - Revolution 360



UNIVERSITY OF MASSACHUSETTS LOWELL
Lowell, MA - Vertex Prime Core



UNIVERSITY OF MICHIGAN
Ann Arbor, MI - Revolution 360



UNIVERSITY OF NOTRE DAME
South Bend, IN - Revolution 360



UNIVERSITY OF UTAH
Salt Lake City, UT - Vertex Prime



UNIVERSITY OF VERMONT
Burlington, VT - Vertex Prime



UNIVERSITY OF VIRGINIA
Charlottesville, VA - Revolution 360



US AIR FORCE ACADEMY
Colorado Springs, CO - Classic HD



US MILITARY ACADEMY
West Point, NY - Revolution 360



NAVY
Annapolis, MD - Core



VILLANOVA UNIVERSITY
Villanova, PA - XM



VIRGINIA MILITARY INSTITUTE
Lexington, VA - Classic HD



WAGNER COLLEGE
Staten Island, NY - Revolution 360



YALE UNIVERSITY
New Haven, CT - Vertex Prime Core



BINGHAMTON UNIVERSITY
Binghamton, NY - Vertex Prime Core



BRYANT UNIVERSITY
Smithfield, RI - Vertex Prime Core



BUCKNELL UNIVERSITY
Lewisburg, PA - Revolution 360



COLGATE UNIVERSITY
Hamilton, NY - Revolution 360



CORNELL UNIVERSITY
Ithaca, NY - Prestige Vertex



DARTMOUTH COLLEGE
Hanover, NH - Prestige Vertex



FAIRFIELD UNIVERSITY
Fairfield, CT - Classic HD



HARVARD UNIVERSITY
Boston, MA - Vertex Prime



HIGH POINT UNIVERSITY
High Point, NC - Core



HOBART AND WILLIAM SMITH COLLEGE
Geneva, NY - Vertex Prime



HOFSTRA UNIVERSITY
Hempstead, NY - Revolution 360



LEHIGH UNIVERSITY
Bethlehem, PA - Revolution 360



MANHATTAN COLLEGE
Bronx, NY - Prestige Vertex



MARIST COLLEGE
Poughkeepsie, NY - Revolution 360

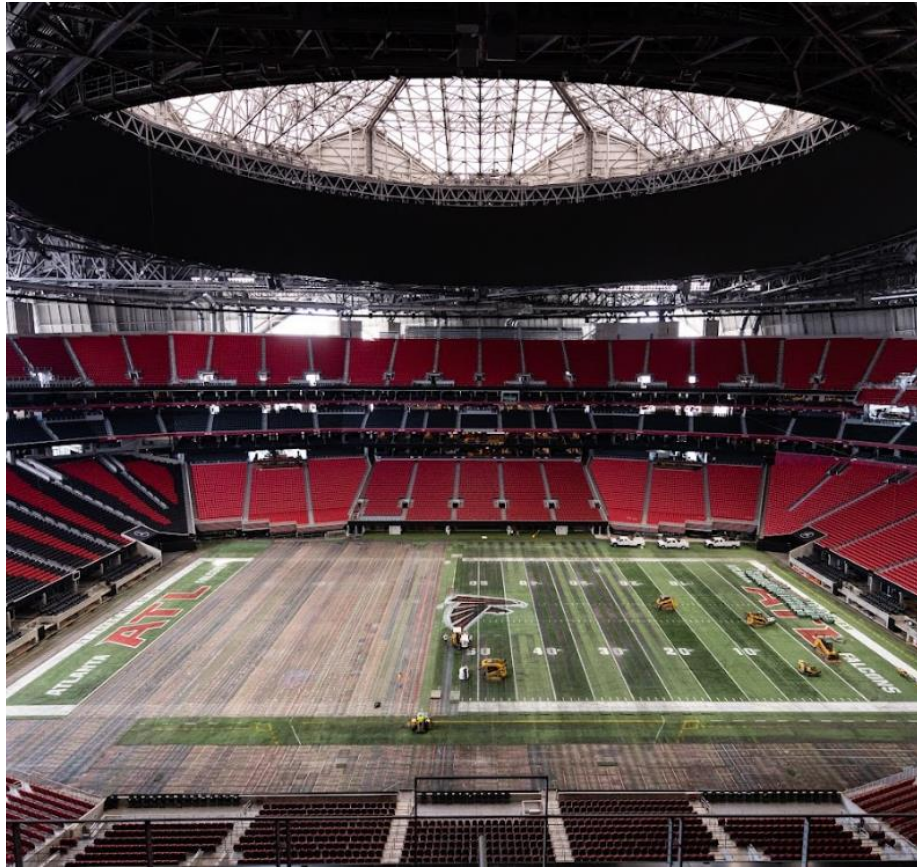


MARQUETTE UNIVERSITY
Milwaukee, WI - Revolution 360



Field Removal

All components of the field avoided being sent to landfills in the replacement of the surface.



FieldTurf Infill Facility (Wilkes-Barre, PA)

Field rolls are shipped by flatbed trucks and unloaded. Infill is then extracted from the turf.



FieldTurf Infill Facility (Wilkes-Barre, PA)

Mixed infill is then cleaned and separated for reuse while carpet is shipped for processing.





RECYCLING CERTIFICATE

Certifies that FieldTurf delivered and received 24 truckloads of post-consumer field turf between January 10-12, 2024 for the purpose of recycling. Material was received by Tarkett Sports Recycling Facility located at 360 Stewart Road, Wilkes Barre, PA.

Gillette Stadium

1 Patriot Place, Foxborough, MA

THIS MATERIAL WAS RECEIVED FROM THIS PROJECT LOCATION

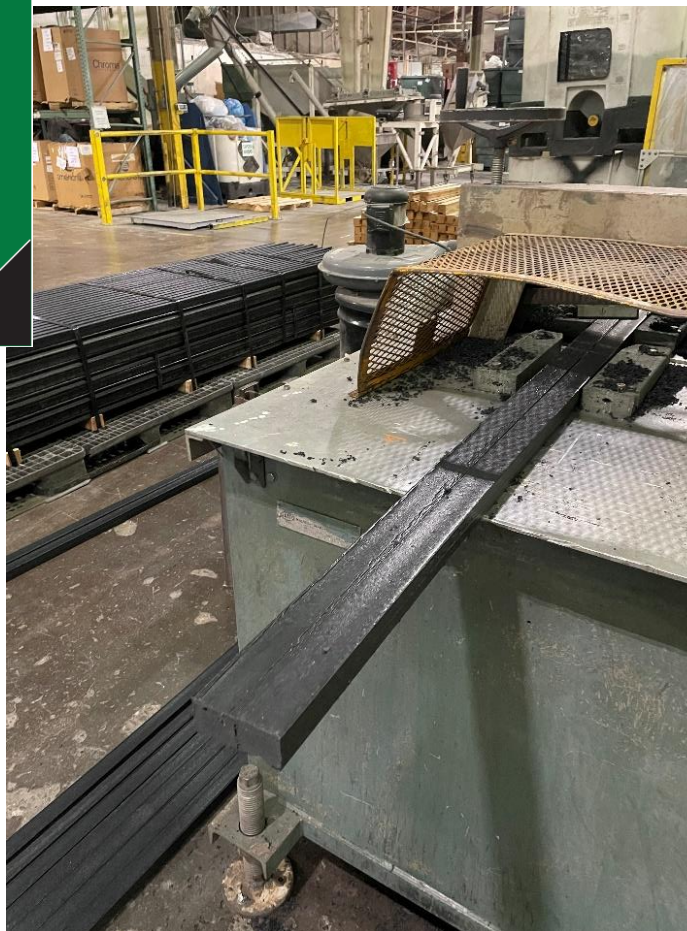
Jeremy Michel

SIGNED

JEREMY MICHEL, VICE-PRESIDENT PAD COMPONENTS, TARKETT SPORTS

Recycling into Plastic Lumber

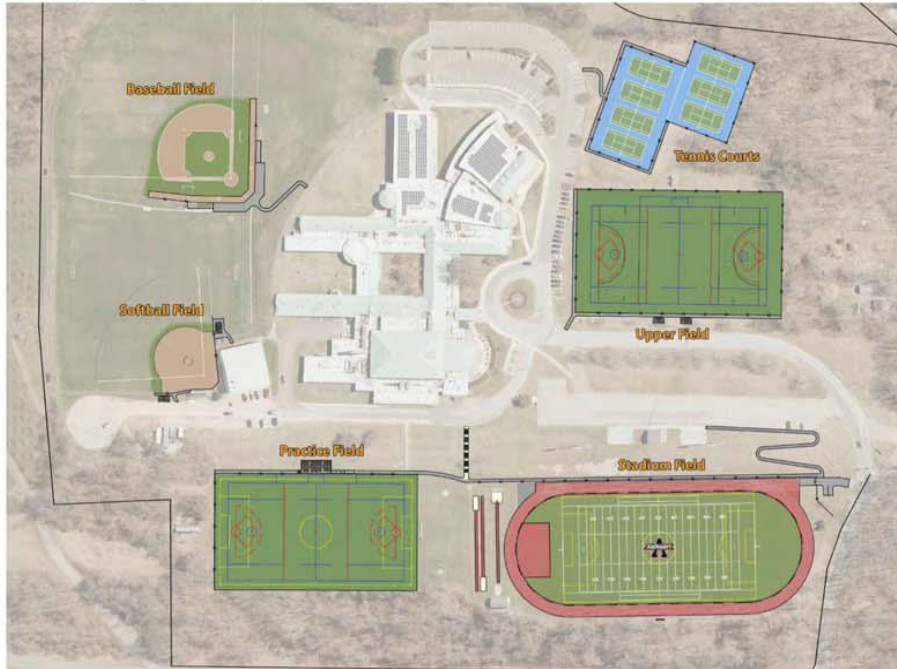
Carpet rolls are cut, processed and manufactured into plastic lumber materials.



REVIEWING YOUR FACILITIES

Project Information

Valley Regional High School



The assessment conducted in conjunction with the master plan report showed that all existing facilities need general improvements to address safety and accessibility for players and spectators. The following is a brief summary of the projects under consideration.

Stadium Field: This project will develop a new 6 lane running track to support regional meets, renovate the playing field surface and provide an accessible route from the parking lot down to the track and field.

Upper Field: This project entails renovating the field playing surface, a new scoreboard, ball safety netting and improved pedestrian accessibility.

Tennis Courts: This project will reconstruct the courts with post-tensioned concrete surface, new fencing and improved accessibility.

Baseball Field: The improvements here include reconstructing the infield, providing improved pedestrian access, and infield irrigation.

Softball Field: This project entails reconstructing the infield, improved pedestrian access and spectator seating.

Practice Field: This project will renovate the field playing surface to accommodate a 65 yard soccer field, spectator seating and pedestrian accessibility.

Project Information

Valley Regional High School

The only parcel of land suitable for new field development is located on the Valley Regional High School property. Based on the BSC Group assessment, these fields are necessary to alleviate the demand on the existing fields at the middle and high schools.

This project will include the construction of up to two (2) new 65 yard soccer fields with irrigation, a new irrigation well, the installation of a cross-country course around the property, driveway, accessible parking, and utilities.



John Winthrop Middle School



Stadium Complex - Reconstruction of running track at Valley Regional High School	\$769,000
Reconstruction of natural grass or conversion to Artificial Turf at the Stadium Complex, Upper Field and Practice Field at Valley Regional High School	4,605,000
Baseball Field - Reconstruction of infield at Valley Regional High School	223,000
Softball Field - Reconstruction of infield at Valley Regional High School	291,000
Tennis Courts - Construction of Post Tension Concrete Courts at Valley Regional High School	881,000
John Winthrop Middle School Soccer Field 1 - Reconstruction of natural grass	566,000
John Winthrop Middle School Soccer Field 3 - Reconstruction of natural grass	461,000
Construction of two (2) new natural grass fields and the development of property	2,020,000
Administrative, Financing and Bond Issuance Costs	150,000
TOTAL:	\$9,966,000

R4 Overall Athletic Facilities Needs Assessment

VALLEY REGIONAL HIGH SCHOOL

Facility	Primary Objectives Met	Project	Project Details	Estimated Project Cost
Stadium Complex	Safety, Accessibility, Maintenance	Reconstruct running track, development of a new 6-lane track to support regional meets	Strip existing all-weather track surface, mill and pave asphalt base, install new polyurethane base mat with structural spray surface and new markings. Reconstruct pole vault runway. Construct two (2) long/triple jump runways and jump pits. Improve accessibility.	\$ 769,000
Stadium Complex	Safety, Maintenance, Management of Assets	Reconstruct natural grass field, improve drainage	Re-grade field, improve drainage, replace goal posts, relocate scoreboard, new irrigation system, sod.	\$ 770,000
Baseball Field	Safety	Reconstruct infield	Remove infield lip, new clay surface, reconstruct mound, upgrade utilities, new warning track, new irrigation system.	\$ 223,000
Softball Field	Safety	Reconstruct infield	Remove infield lip, new clay surface, improve accessibility and spectator seating.	\$ 291,000
Upper Field	Safety, Accessibility, Maintenance	Convert natural grass playing surface to synthetic multi-sport field	Remove natural grass surface and replace with synthetic turf, new scoreboard, ball safety netting, improve accessibility and spectator seating.	\$ 1,982,000
Practice Field	Safety, Accessibility, Maintenance	Convert natural grass playing surface to synthetic multi-sport field	Convert playing surface to synthetic multi-sport turf, new sports field lighting, upgrade utilities, new amenities, spectator seating, improve accessibility.	\$ 1,853,000
Tennis Courts	Safety, Accessibility, Maintenance	Construct post-tension concrete courts	Demolish existing facility, new post-tension concrete base, new equipment, new fencing, improve accessibility and spectator seating.	\$ 881,000

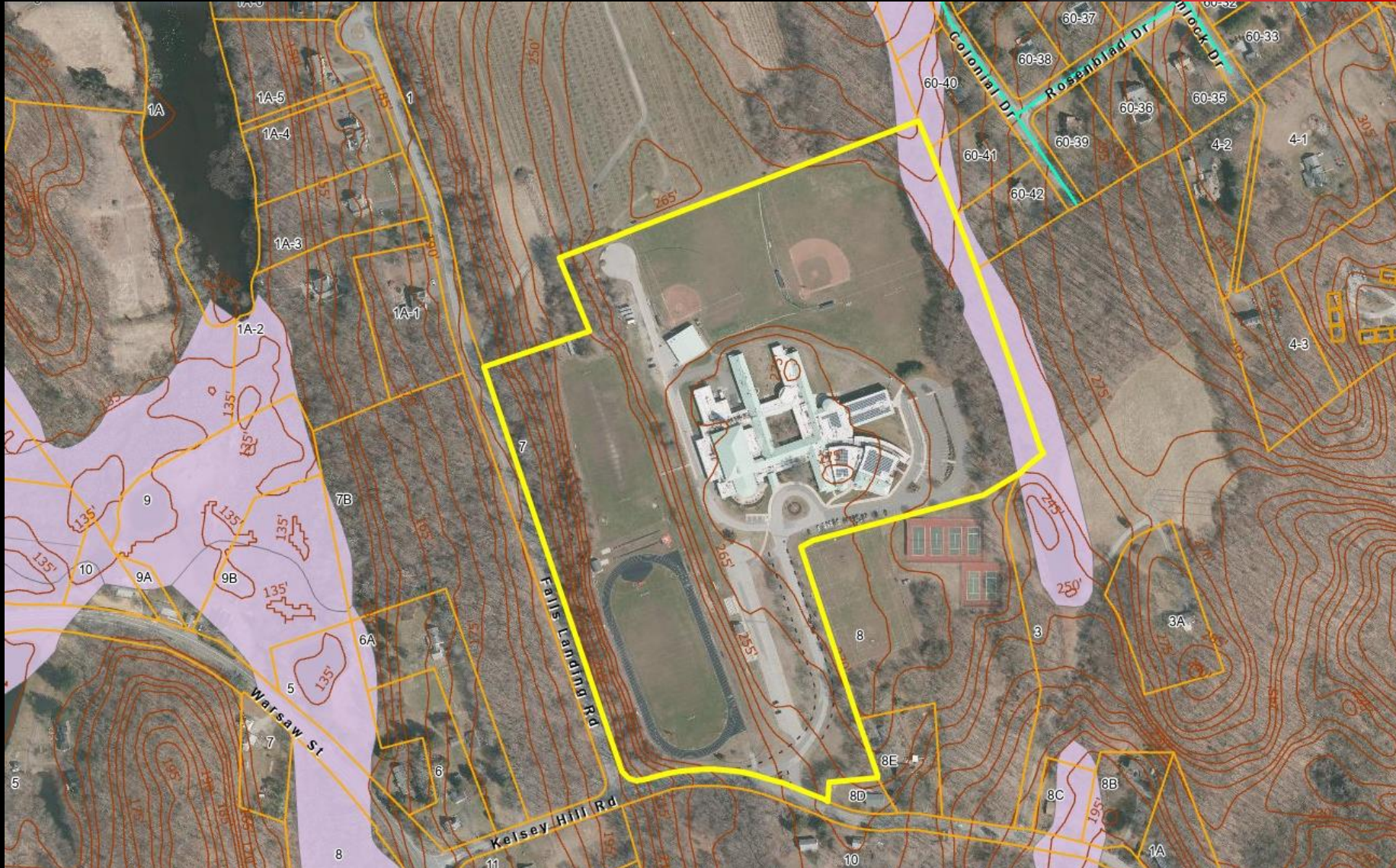
REVIEWING YOUR FACILITIES



Valley Regional High School



REVIEWING YOUR FACILITIES



REVIEWING YOUR FACILITIES



REVIEWING YOUR FACILITIES





EXAMPLE PROJECT

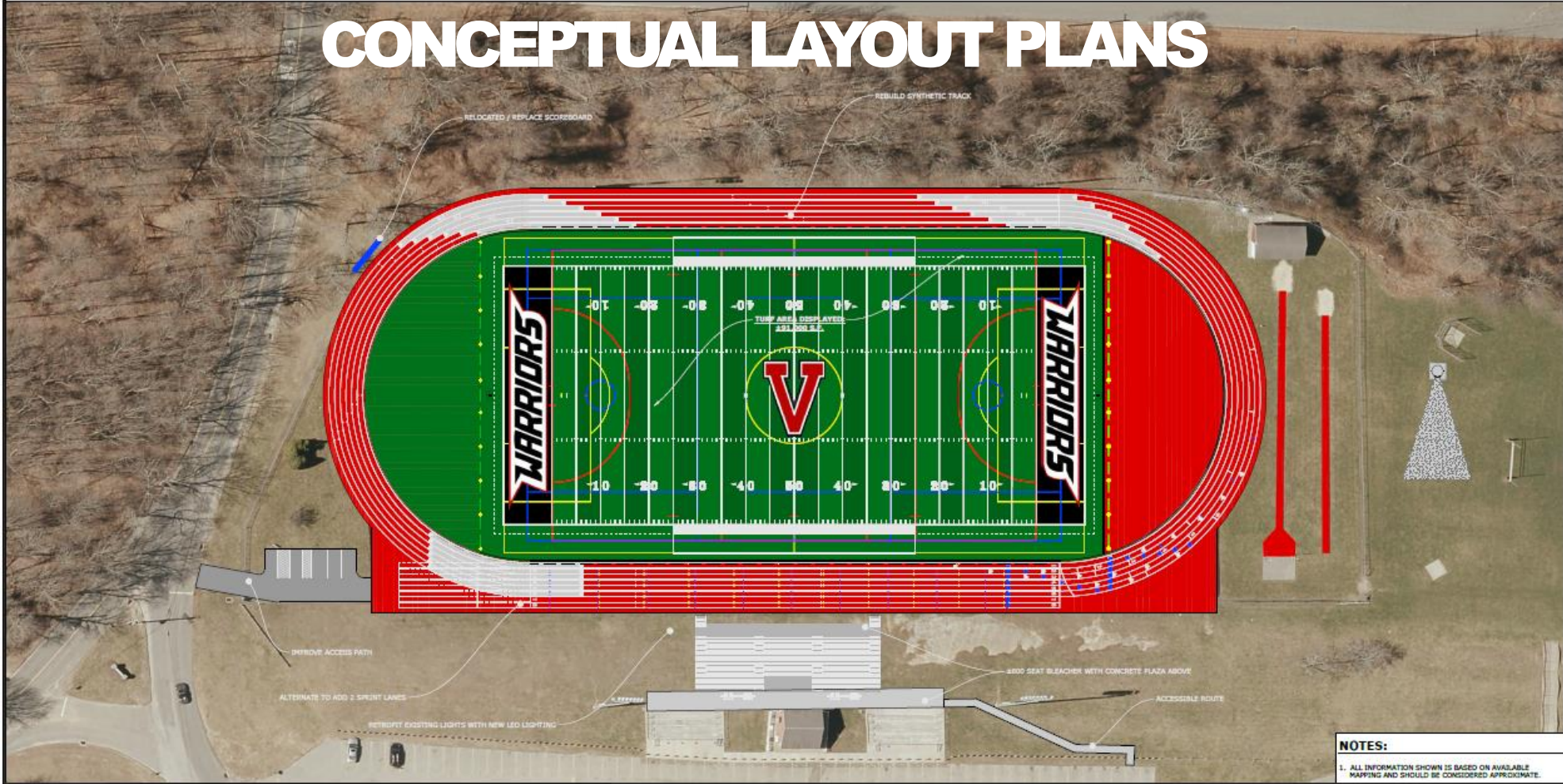


EXAMPLE PROJECT



EXAMPLE PROJECT

CONCEPTUAL LAYOUT PLANS



NOTES:
1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE
MAPPING AND SHOULD BE CONSIDERED APPROXIMATE.



DESCRIPTION	DATE	BY

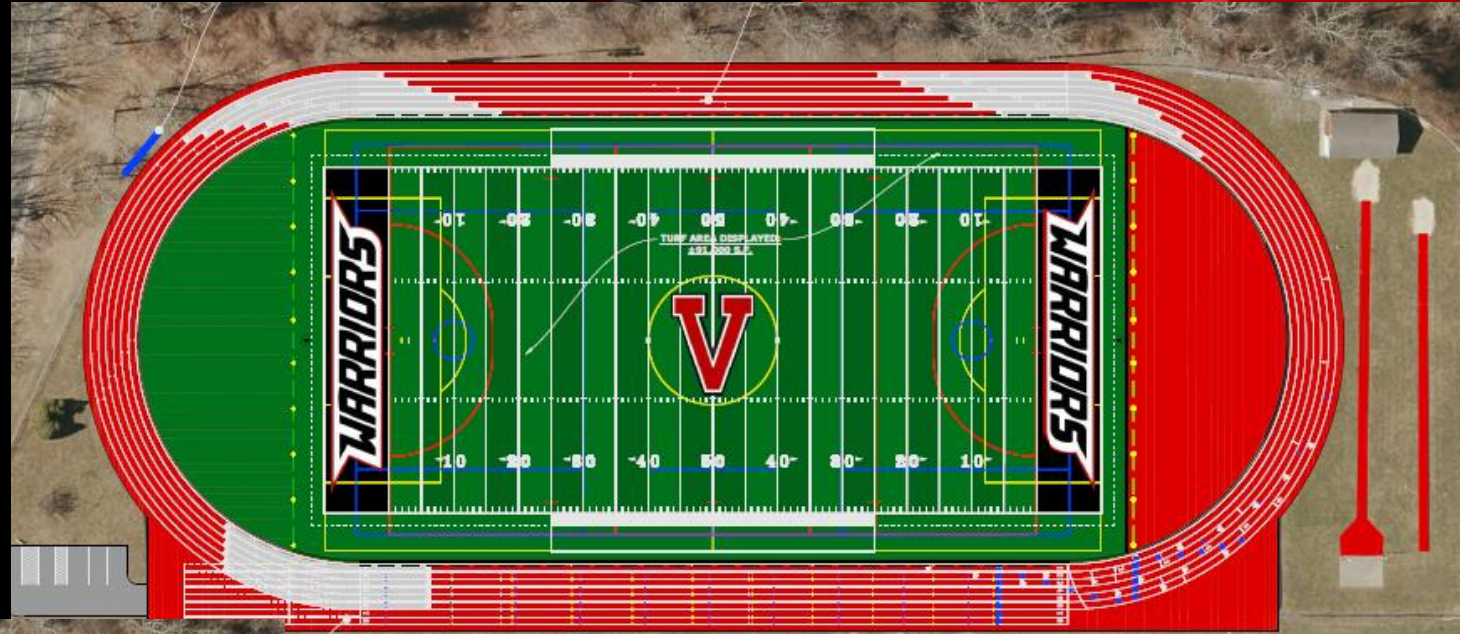


CONCEPTUAL LAYOUT PLAN
TRACK AND FIELD RECONSTRUCTION
VALLEY REGIONAL HIGH SCHOOL
238 KILSEY HILL ROAD
DEEP RIVER, CONNECTICUT

CEH	CEH	CEH
DESIGNED	CHECKED	DATE
		1/14/2021
		JANUARY 28, 2024



CONCEPTUAL LAYOUT PLANS



CONCEPTUAL LAYOUT PLANS





EXAMPLE PROJECT



EXAMPLE PROJECT



EXAMPLE PROJECT

DATE	BY
DESCRIPTION	



CONCEPTUAL LAYOUT PLAN
 BASEBALL FIELD RECONSTRUCTION
 VALLEY REGIONAL HIGH SCHOOL
 280 HILARY HILL ROAD
 DEEP FRIAR, CONNECTICUT

CSH CSH CSH
 1"=50'
 JULY 30, 2023



CONCEPTUAL LAYOUT PLANS

NOTES:
 1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE
 RECORDS AND SHOULD BE CORROBORATED BY THE
 APPROPRIATE AGENCIES.



CONCEPTUAL LAYOUT PLANS

NOTES:

1. ALL INFORMATION SHOWN IS BASED ON AVAILABLE
MAPPING AND SHOULD BE CONSIDERED APPROXIMATE.



DESCRIPTION	DATE	BY



CONCEPTUAL LAYOUT PLAN
SECONDARY FIELD LOCATION
VALLEY REGIONAL HIGH SCHOOL
259 KELSEY HILL ROAD
DEEP RIVER, CONNECTICUT

CEH	CEH	CEH
DATE	DATE	DATE
1/25/24	1/25/24	1/25/24
1"=50'		
JANUARY 26, 2024		



LED LIGHTING SYSTEMS

