



New Tourtellotte High School and Middle School Track



PRESENTER



■ Brian Santos

- Building Committee Member
- Owner of W.T. Rich Company, Construction Management
- 25+ Years in Construction
- Has Personally Overseen Construction of over 1 Billion Dollars worth of School Projects
- Resident of Thompson for 20+ Years



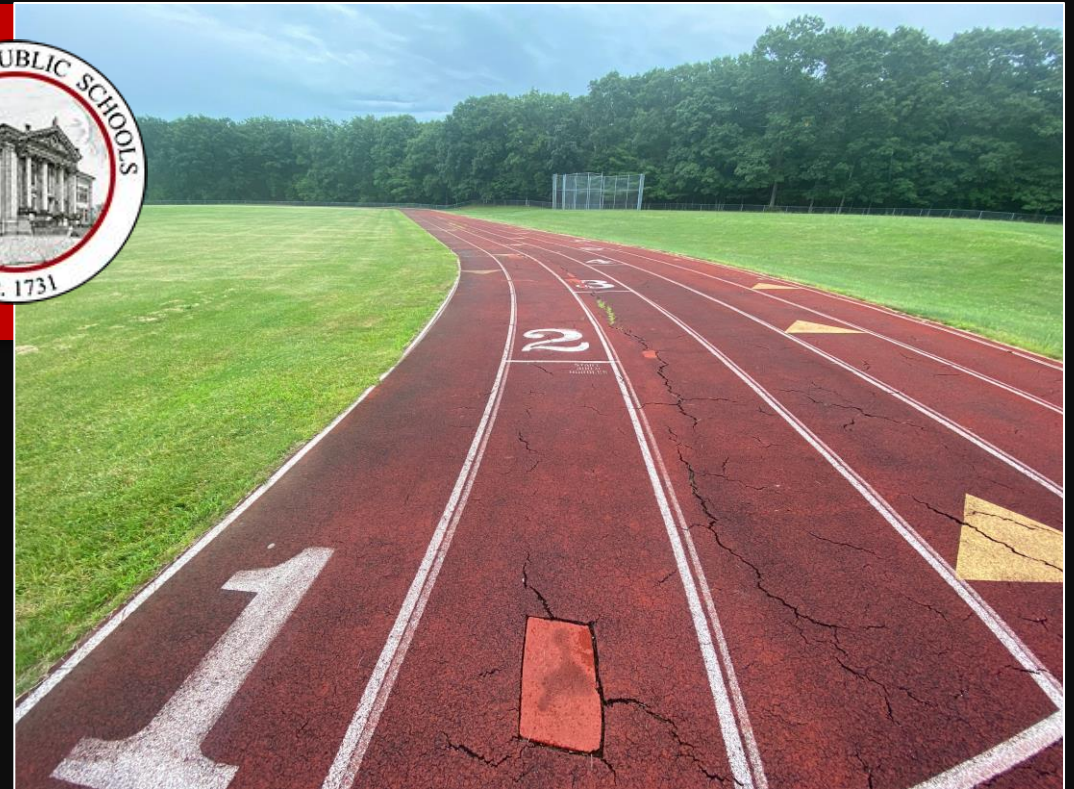
TRACK HISTORY

■ FACTS:

- Date Constructed: 1986/87
- Decommissioned: 2003/04
- Overall: 17 Years of Use

■ OBSERVATIONS:

- Once was a vibrant and active Track
- One that Students, Staff and Visitors enjoyed and took pride in for many Years



Current Status



- For the Past 19 Years
 - Track has been **Decommissioned** and in a state of advanced disrepair
- Effects on The School District
 - Unable to utilize the facility for physical education and inter-scholastic meets.
 - **Track condition was cited in the last NEASC report for improvement for high school certification. Not reconstructing the track could impact accreditation.**
- Community Impact
 - Track is also a loss to the Town as a whole. Leaving Thompson residents without a safe, functional public fitness facility, and is a **liability**.
- Impact on Students
 - Loss of Team Spirit and School Pride
 - Loss of Inter-Scholastic Home Meets
 - Loss of Basic School Athletic Function
 - Loss of Community Engagement



EXISTING TRACK CONDITIONS



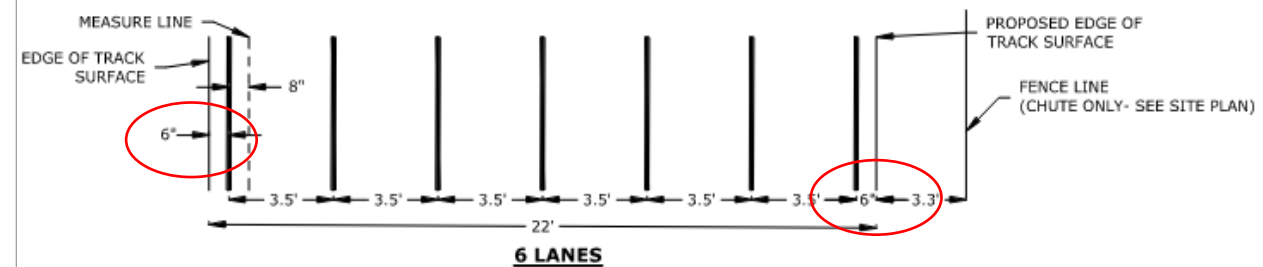
- Track Surfacing has exceeded Life Span
 - Existing track surface cross section has worn down below acceptable depth
- Pavement Cracking
 - Long Linear cracking in pavement suggest pavement and subbase failure – **Reconstruction necessary**
 - Lack of heaving in surface suggest groundwater and freeze thaw cycles are not a problem
- Ponding Areas
 - Ponding areas where water stays trapped on track surface will cause further deterioration of the existing track surfacing and underlying pavement
- Natural Turf Field
 - Still in good usable condition
 - Properly graded



EXISTING COMPLIANCE / TRACK EVENT ISSUES



- Inadequate pavement width (SAFETY)
 - Inadequate width creates opportunity for athletes to twist ankle or slip and fall when stumbling on track surfacing
 - Requires 6" paved surface minimum from inside lane and outside lane line
- Separation for Spectators
 - No fence to separate spectators from athletes
 - Can create safety concern for spectators that may not be paying attention to events.
- Long Jump/Triple Jump
 - Runway too narrow
 - Can't run two events at same time
- No Pole vault event



NOTES

1. CONTRACTOR TO VERIFY WITH ENGINEER LOCATION OF FINAL STRIPING PRIOR TO SURFACING, TO ESTABLISH INNER LANE LINES OF LANE 1 AND OUTER LANE LINE OF LANE 6.

TOWN SUPPORT AND INTENT



Recognizing the value of the facility for both the students and the community, in 2020 Thompson's Board of Selectmen voted to approve a portion of its ARPA funding for the development of an engineered site plan for the track

with the GOAL of eventually funding a full reconstruction to bring the facility back into public use.

Many local partners, including the Building Committee, the Superintendent, and the Operations Manager for the school district, have been working closely with engineering firm Tighe & Bond on the preparation of the site plan and construction documents.

**The plans are now completed and in-hand, and the project is shovel-ready.
The next step is to move on to implementation and construction.**

BUDGET & FINANCIAL PICTURE

				TOURTELLOTTE MEMORIAL HIGH SCHOOL <i>Tigers</i>			
		<i>Girls</i>		TRACK & FIELD RECORDS		<i>Boys</i>	
	TIME	YEAR		NAME	TIME	YEAR	
	12.1e	1989	100 DASH	Gary LaBonte/Kyle Hess	10.94	1999/200	
	25.5e	1995	200 DASH	Gary Labonte	22.44	19	
	57.3e	1995	400 DASH	Gary Labonte	48.97	19	
	2:20.93e	1995	800 RUN	Adam Oleksiak	1:58.97e	2	
	5:22.56e	1999	1600 RUN	Norman Seney	4:35.42	1	
	12:13.65e	2000	3200 RUN	Chad Bonin	10:36.90	1	
			5000 RUN	Sam Sharkey	15:59.20		
	15.45e	1995	100/110 HURDLES	Brian Boppert	15.92		
	45.72e	2002	300 HURDLES	Brian Boppert	41.55		
	16' 3"	2004	LONG JUMP	Ethan Salkiewicz	20' 9"		
	33' 9.5"	1995	TRIPLE JUMP	Ethan Salkiewicz	42' 2.25"		
	5' 4"	1998/2014	HIGH JUMP	Jeff Seney	6' 8"		
			POLE VAULT	James Tomany	12'6"		
	31' 7"	1999	SHOT PUT	J. Ruoppo	47' 0.5"		
	101' 7"	1992	DISCUS	Christopher Minarik	136'9"		
	111' 0"	2010	JAVELIN	Rob Johnson	173'9.50		
	3973 pts.	1995	DECATHLON	J. Calo	4623 p		
	2248 pts.	1999	PENTATHLON				
	3973 pts.	1995	HEPTATHLON				
A. Monaco,	50.87e	2002	4x100	R. Johnson, B. Nichols,	44.4		
e, E. Faucher				G. LaBonte, S. LaBonte			
J. Jezierski	4:05.86e	2002	4x400	B. Nichols, S. Labonte,	3:29.0		
Faucher				G. Labonte, J. Culter			
uoppo,	10:31.26e	2002	4x800	J. Brown, J. Calo,	8:34		
G. Petre				N. Hall, R. King			
anso,		1993	4x1600	D. Majercik, A. Valentine,	21:5		

- Overall Project Budget / Estimate is \$1.5 Million
 - Estimate completed by Tighe & Bond and reviewed by the Building Committee
 - Appropriate Construction and Estimating Contingencies applied
 - Given market conditions, appropriate Bid and Escalation Contingencies included as well.
 - Specialty Subcontractors were engaged to provide advance reviews and pricing to validate the budget
 - Allowance for new track and field events equipment
- Mill Rate Impact (Conservative Estimate):
 - 2024: .08
 - 2025: .04
 - 2026: .28 (Principal Payments Commence)
 - 2027: .27
 - ❖ Example: Home Value = \$225,000, assessed at 70% or \$157,500 at .27 Mill Rate = \$42.53 Per Year

RESEARCH & INVESTIGATION



- Confirmation of Operational Subsurface Drainage Systems
 - Complete an existing conditions survey of the existing drainage system
 - Complete a video investigation to confirm operation
 - All necessary surveys were completed and confirmed existing infrastructure to be in sound working order
 - New Design has been coordinated with existing systems

- Confirmation of Subsurface Soil Conditions / Geotechnical Study
 - The design team has completed the study and determined:
 - Subsurface soil materials to be of sound and supportive condition
 - Will work well with the overall new design and will support the New Track
 - Cost analysis on complete reconstruction vs pulverizing pavement in place

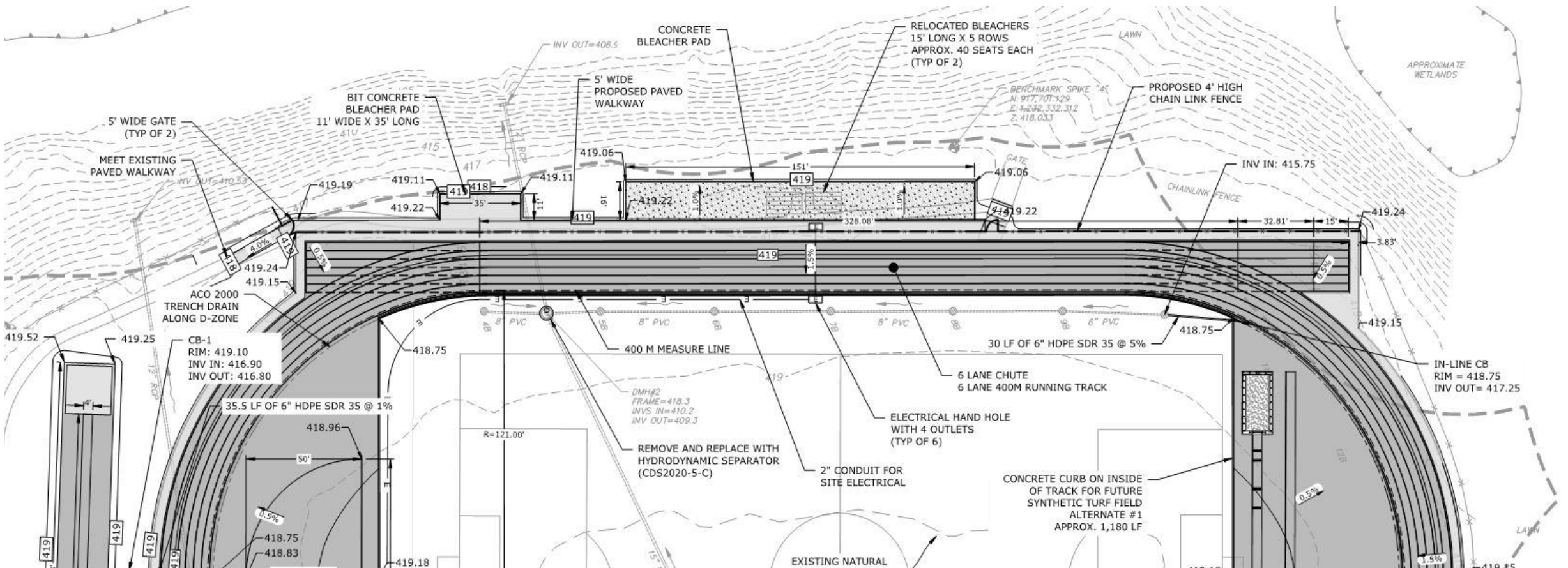


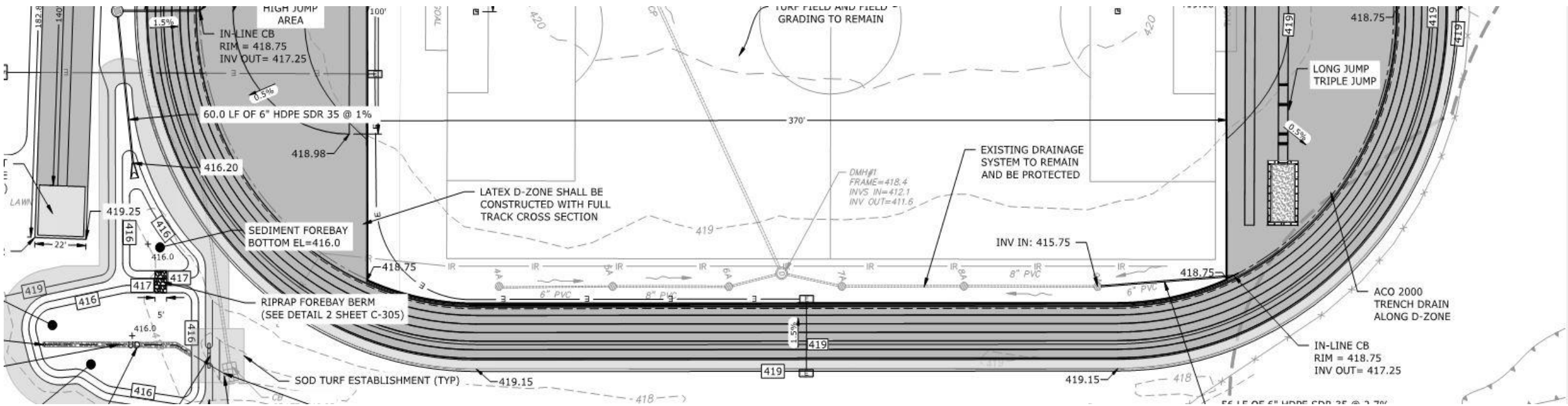
PROPOSED IMPROVEMENTS SUMMARY

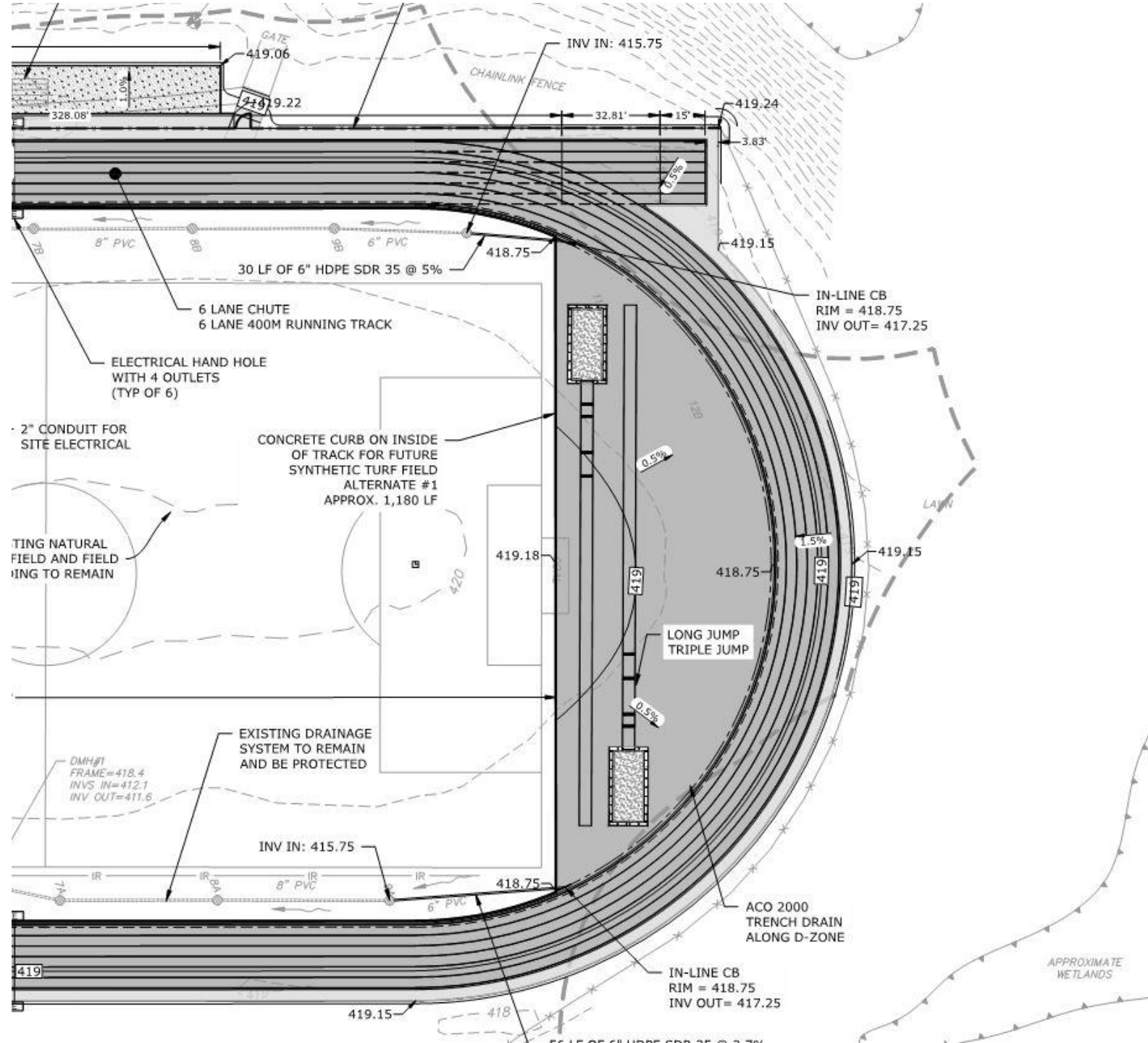


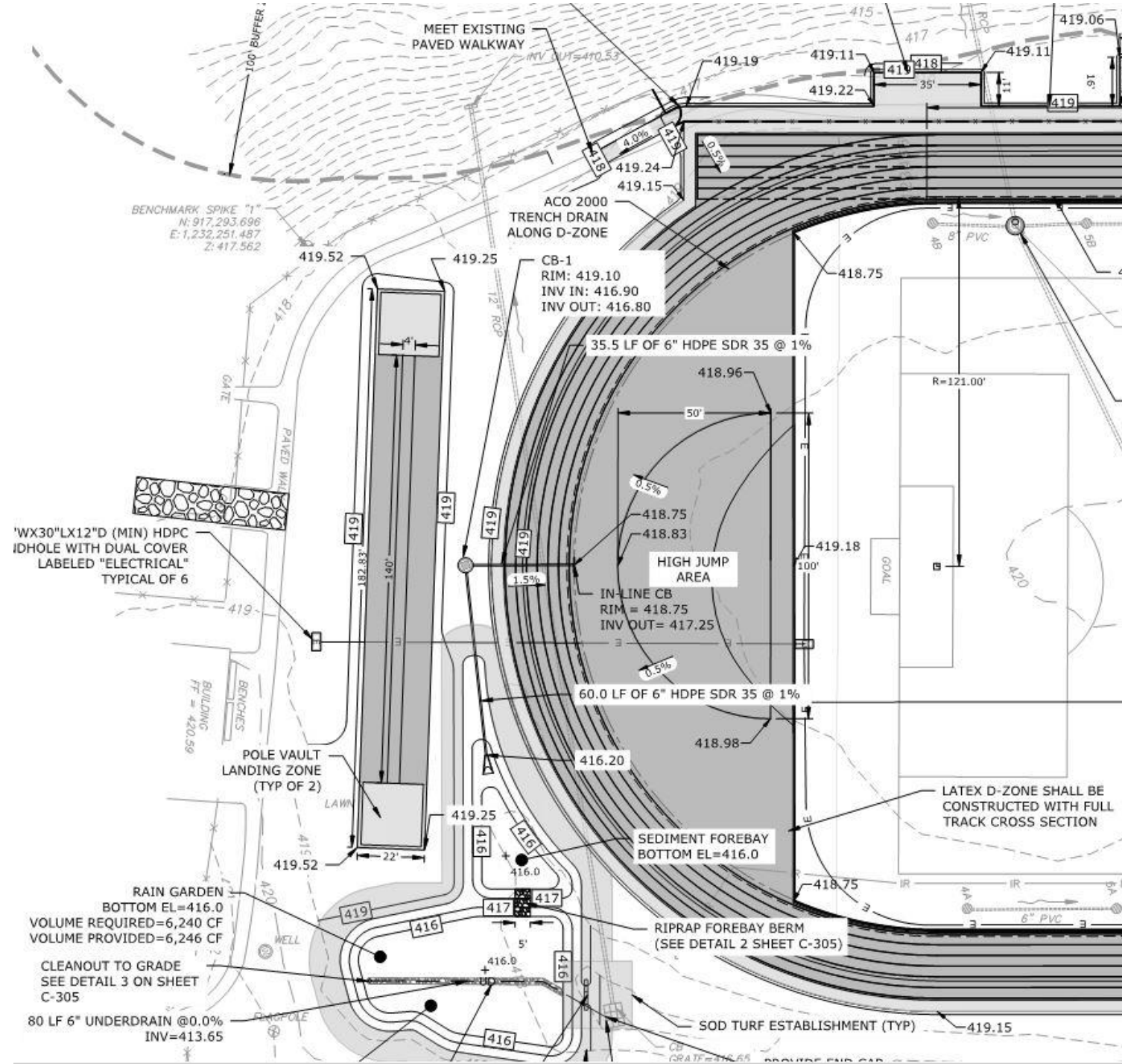
- Reconstruct 6-lane track and 6-lane chute
- Expand and create new event space with fully paved “D-Areas”
- Separate spectators from competition with two dedicated spectator areas
- Provide conduit for future lighting
- Alternate for curb for a potential future synthetic turf field
- “Value Engineered” Items (Not in Construction Documents)
 - Synthetic Turf Field
 - Athletic Lights
 - Bleachers
 - 8-lane chute











NEW TRACK SYSTEM



- **DESIGN – Plexitrac Accelerator (or Similar)**
 - Premium acrylic sandwich system for middle and high school running track facilities,
 - Full depth color binder & coating provides UV stability and enhances colors
- **MAINTENANCE**
 - Five-year manufacturers warranty is available through CSS authorized applicator
 - General Suggestions:
 - Re-stripe every 3-5 years
 - Repair jump runways & starting blocks 3-5 Years
 - Recoat every 5-7 years
 - Additional depth every 10-15 years.
- **LIFESPAN**
 - 20-30 Years

SELECT A SYSTEM

ACCELERATOR

LIGHTNING

FLASH

SURFACER

Plexitrac® Accelerator offers the highest levels of performance for texture, longevity and athletic capability. The EPDM surface is top coated with polyresin, ensuring uniformity and years of UV light stable color.

- Highly textured - provides optimum traction and color intensity
- Meets force reduction and deformation requirements of the IAAF
- Low maintenance costs

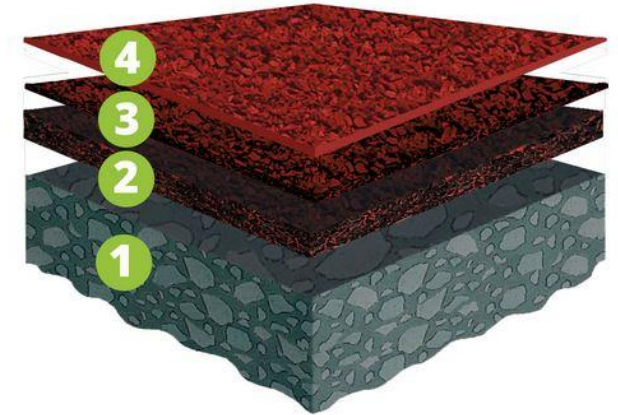


Diagram not to scale

1. Concrete or Asphalt
2. Plexitrac® Binder with SBR Rubber Granules
3. Plexitrac® Binder with EPDM Rubber Granules
4. Plexitrac® Coating

NEW TRACK DRAINAGE



- Existing Track Drainage
 - Drained onto field which could cause prolonged “soggy field” conditions
- Proposed Drainage
 - Will add ACO Trench Drainage System
 - Collect track runoff and not allow onto natural turf field
 - Ties into existing drainage system
 - New Stormwater Rain Garden
 - Required due to additional pavement added to meet safety requirements and expanded “D-Areas”
 - Improves Water Quality for stormwater leaving site and reduces peak flow rates
 - Provide for infiltration of stormwater outside of field area
 - Hydrodynamic Separator
 - Increases water quality for stormwater not treated by rain garden



NATIONAL DATA

According to the Centers for Disease Control and Prevention's [1991-2019 High School Youth Risk Behavior Survey Data](#), about 57% of high school students played on at least one school or community sports team in the past year.

- National All high school students: **57.4%**
 - Thompson:
 - 2005: 56%
 - 2010: 56%
 - 2015: 74%
 - 2022: 82%
- ❖ Girls: Outdoor Track and Field is the #1 sport
- ❖ Boys: Outdoor Track and Field is the #2 sport, with Football being #1

Provide the means and the athletes will come while also taking pride in their school.



MOST POPULAR HIGH SCHOOL SPORTS 2021-2022



GIRLS

Track and Field – Outdoor
456,697

Volleyball
454,153

BOYS

Football – 11 Player
973,792

Track and Field – Outdoor
569,262

data from the National
Federation of State High
School Associations

BENEFITS



Participating in school athletics has long-lasting, definitive benefits:

- Stronger sense of self-confidence in building relationships with others and having an expanded capacity for empathy;
- Developing a better understanding of self and in so doing understanding how their actions affect others; and
- Building foundations for lifelong fitness habits.

School and curriculum based outdoor programs may have a beneficial role in the wellbeing and quality of life of children:

- *Intellectually*
- *Socially*
- *Physically*
- *Psychologically*

BOOSTING ENGAGEMENT



Results speak volumes. Within one year of opening at other facilities:

- New facility was serving more than 70% of the student population
- Student participation in sports increased by 6%

Thompson students will be plugged in and enjoying the results of a well-planned and executed strategy for building community, student pride, and participation through the new track.



PRIDE



Building pride and community through school athletics

- It can build school pride
- A sense of place and belonging that translates to school participation and even academic performance
- An attractive and flexible Track can become a community focal point—where hard work and student achievement is celebrated.



REFLECTING CORE VALUES & MISSION



“be motivated, be committed, be honest, be respectful”

- Providing such a Track will allow Thompson Public Schools to instill values and characteristics in students that will see them through life, on and off the Track
- The new Track isn't just about building bodies, it's about building character

***With this new track,
Thompson will position itself
to deliver on its mission of
encouraging and inspiring
students to pursue excellence
in all aspects of their life and
education.***

THANK YOU

