ADDENDUM NO. **01**

PROJECT: WCS – Hunt HS – Athletics Renovation

CPL PROJECT NO. R22.16900.00

DATE: 10.16.2023

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents dated September 15, 2023, as noted below. Acknowledge receipt of this Addendum by writing its number and date on the Bid Form. Failure to do so may subject the bidder to disqualification.

This Addendum consists of 2 pages, 9 spec sections, 10 plans, and 1 pre-bid attachment.

CONTRACTOR BID QUESTIONS:

Item 1: In the pre-bid meeting it was clarified that the contractor will be responsible for paying all applicable permit fees, including any demolition and/or building permit fees.

Item 2: In the pre-bid meeting it was discussed that there is a survey with subsurface information. Attached to this document is the Survey provided by Barlett Engineering, dated November 15, 2022. [Specification Section 00 31 00.1]

Item 3: In the pre-bid meeting it was discussed whether there was a structural engineers report of the existing bleachers. Attached to this document is the Bleacher Analysis performed by LHC Structural Engineers on June 04, 2020. [Specification Section 00 31 00.2]

Item 4: In the pre-bid meeting it was discussed that there is an Athletic Field Lighting design. Attached to this document is the design packet provided by Musco Lighting dated October 26, 2022. [Specification Section 00 31 00.3]

Item 5: There were numerous questions related to the fence specification as well as base bid scope. Answer: Attached please find the updated specification section 32 31 13. The base bid is to salvage and reuse the 4' high existing galvanized fencing around the football field and the 6' high existing galvanized fencing around the perimeter.

Item 6: A few manufacturers have reached out regarding substitutions. Per the contract documents, substitution requests must be from the Prime Contractor and shall include the form from Specification Section 00 43 25.

Item 7: There was a question regarding the Substantial completion listed on Bid Form, it has been revised to clarify that the Substantial Completion Date is May 31, 2024.

Item 8: Clarification that at the common finish line, there is one Comm. Box at the inside and outside of the oval, please include two, 2" diameter PVC conduits between these two Comm. Boxes. One conduit for electrical and one conduit for data. Conduits to be installed at depth per electrical code and stubbed up in each box.

Item 9: All new gravel sub-base will be required for the new track surface.

Item 10: The new concrete curbs on the inside and outside of the oval shall receive backfill dirt and sod

as per the grading plan.

TO THE PROJECT MANUAL:

00 31 00 – Available Project Information - New spec section
00 31 00.1 – Existing Site Survey - New spec section
00 31 00.2 – Bleacher Structural Analysis Report - New spec section
00 31 00.3 – Exterior Athletic Lighting Design - New spec section
00 41 00 – Bid Form - Revised spec section
00 61 19 – Asbestos Free Affidavit - Revised to refer to it as an 'Affidavit' instead of 'Warranty'
26 55 68 – Exterior Athletic Lighting - Revised spec section
32 13 73 – Chain Link Fencing and Gates (Black PVC) - Revised spec section
32 31 13 – Pavement Joint Sealants - Revised spec section

TO THE DRAWINGS:

G001 – Appendix B
Minor updates to Appendix B.

C103 – Demolition Plan
Updated to show two (2) ADA parking spaces.

C300 – Grading Plan
Updated to show two (2) ADA parking spaces.

C301 – Drainage Plan
Updated to show two (2) ADA parking spaces.

L100 – Layout Plan
Updated to show two (2) ADA parking spaces.

L101 – Dimension Plan
Updated to show two (2) ADA parking spaces.

D104 – Details
Updated fence details for terminal post sizes. Added ADA slope requirements. Added parking details.

A101 – Overall Floor Plans
Updated notes to clarify: the storage shelving units each have 5 shelves, the size of the access door in 104 & the new fire extinguishers in the concessions.

A410 – Wall Types and Schedules
Provided detail of top of counter openings.

A703 – Concessions Building Accessory Floor plan and Interior Elevations
Updated to clarify wall finishes in Kitchen.

ADDITIONAL INFORMATION:

Attached to this document is the Pre-Bid Sign-in Sheet.

END OF ADDENDUM NO. 01

Pre-Bid Meeting			October 11, 2023
Project Name:	Hunt HS – Athletics Reno		**Project #:** R22.16900.00
Owner:	Wilson County Schools		**Time:** 10:30 am
Name:	**Company:**	**Phone Number:**	**Email:**
Tim VERNAL	T. R. VERNAL PAVING	919-868-8477	timv@trvernal paving.com
Michael Kobal	A.K. Chism Construction	252-338-9171	michael@archsson.com
Drew Shoaf	ReKuritan / Astroturf	336 596 3233	Drew.Shoaf@Rekuritan.com
TYLER MOORING	BERRY BUILDING GROUP	919-920-3927	TMOORING@BERRYBG.com
Danny Williamson	GeoSurfaces	828-399-1519	d.williamson@geosurfaces.com
John Lewis	C. Blake Lewis Inc.	919-524-0156	JCLewisCo@gmail.com
Brad Macolf	Musco Lighting	8536813-0194	brad.macolf@musco.com
Josh Mozingo	Daniels + Daniels Co.	9197501086	estimating@dandd cc.com
ERIK BARROW	Daniels + Daniels Co.	(252)714-8100	" " "
Scott McDowell	H.M. KERN	336-601-8667	smcdowell@hmkern.com
TIM RANDALL	FARRIOR & SONS. INC.	252-753-2005	TIMR@FARRIORANDSONS.COM
Owen Burney III	Burney & Burney Const.	252-752-8000	treburney@gmail.com
Owen Burney	" "	" "	oburney@Suddenlink.net

SECTION 00 31 00

AVAILABLE PROJECT INFORMATION

PART 1 GENERAL

1.01 EXISTING CONDITIONS

A. Certain information relating to existing surface and subsurface conditions and structures is available to bidders but will not be part of Contract Documents, as follows:

B. Site and Utility Survey: Dated 11/15/2022.

C. Existing Conditions Survey: Bleacher Structural Report, dated June 4, 2020.

D. Exterior Athletic Lighting Design, dated October 26, 2022.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION

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NOTES

- AREAS COMPUTED BY COORDINATE CALCULATIONS.
- NO GRID MONUMENT FOUND WITHIN 2000'.
- COORDINATES SHOWN ON PLAT ARE HORIZONTAL COORDINATES UNLESS STATED OTHERWISE. COORDINATES ARE SHOWN TO MEET CITY OF WILSON REQUIREMENTS.
- ALL DISTANCES SHOWN ARE HORIZONTAL UNLESS NOTED OTHERWISE.
- ALL RIGHTS-OF-WAY ARE PUBLIC UNLESS NOTED OTHERWISE.
- WETLANDS, IF ANY, HAVE NOT BEEN DELINEATED.
- A PORTION OF THIS PROPERTY IS LOCATED IN A FLOOD HAZARD AREA COMMUNITY PANEL #3720279100K, EFFECTIVE 04/16/2013.
- THIS PROPERTY IS LOCATED IN THE CONTENTNEA WS-IV PROTECTED WATERSHED AREA.
- THERE ARE NO CEMETERIES VISIBLE.
- THIS PROPERTY IS SUBJECT TO ALL RIGHTS-OF-WAY, EASEMENTS, RESTRICTIVE COVENANTS AND ORDINANCES.
- A TITLE REPORT HAS ____ HAS NOT _X_ BEEN SUPPLIED FOR THIS PROPERTY.

SITE DATA

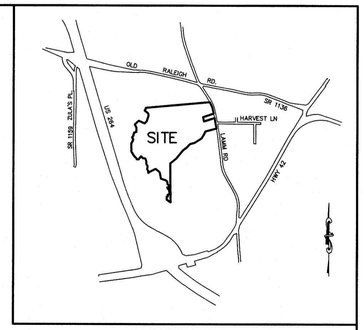
ZONING: AR

OWNER: WILSON COUNTY SCHOOLS
PO BOX 2048
WILSON NC 27893

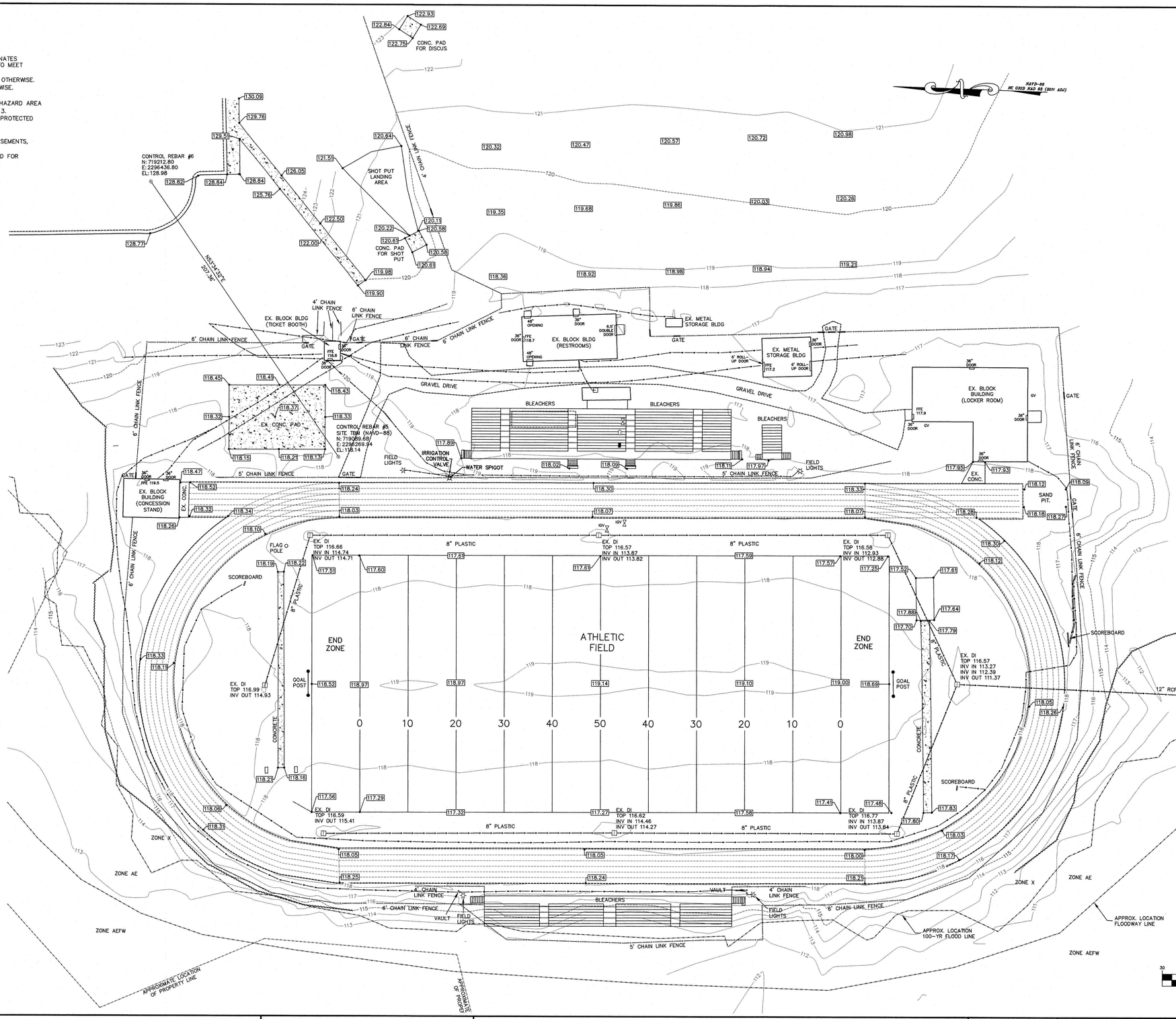
PHYSICAL ADDRESS: 4559 LAMM RD

PIN NO.: 2791-79-1303

REFERENCE: DEED BOOK 1121 PAGE 259
PLAT BOOK 14 PAGE 39



LOCATION MAP
NO SCALE



LEGEND

- ⊙ CONTROL IRON REBAR
- ⊳ EXISTING WATER SPIGOT
- ⋈ EXISTING IRRIGATION CONTROL VALVE
- ☼ EXISTING LIGHT POLE
- ◫ EXISTING DROP INLET
- ▭ EXISTING GROUND SPOT ELEVATION

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

NORTH CAROLINA PROFESSIONAL SEAL L-3788 LAND SURVEYOR WILLIAM A. BARTLETT
11/15/2022

I, William A. Bartlett, certify that this plat was drawn under my supervision, from an actual survey made under my supervision; that the elevation represented by any contour line as plotted on this plat shall not have a vertical error greater than one half of the interval of the platted contours over 90% of the area covered; that the location of significant items such as horizontal control lines, buildings, utilities, roads, trees, etc., shall be shown within scaling accuracy of and in relationship to the horizontal control line or control points to each other; that this plat was prepared in accordance with the standards of practice for land surveying in North Carolina, as amended. Witness my original signature, registration number, and seal this 15 day of NOVEMBER, 2022

William A Bartlett
Professional Land Surveyor L-3788

BARTLETT
ENGINEERING & SURVEYING, PC
1906 NASH STREET NORTH
WILSON, N.C. 27893-1726
License No. C-1551
TELE: (252) 399-0704
FAX: (252) 399-0804
www.bartlett.us.com

TOPOGRAPHIC SURVEY

HUNT HIGH SCHOOL
- ATHLETIC TRACK -

DATE: NOV. 2022
SCALE(HORZ): 1" = 30'
SCALE(VERT): N/A
REVISIONS:

PROJECT: 20-321
CLIENT CODE: CPL
CADFILE: 20321SP1
FIELD BOOK: 362
DRAWN BY: LR/TRB
SURVEY BY: DAB/JEB

OLD FIELDS TOWNSHIP WILSON COUNTY
NORTH CAROLINA ZONE: AR
PIN # 2791-79-1303 SHEET 1 OF 1

P:_CAD_LANDPROJECTS\OFL\20321\dwg\20321SP1.dwg, Nov 15, 2022 9:10AM EST

JAMES HUNT HIGH SCHOOL EXISTING FACILITY CONDITIONS - BLEACHER STRUCTURAL ANALYSIS

Home Side Bleachers

Prepared by
David L. Uhland, P.E.
LHC Structural Engineers
June 4, 2020

Purpose of investigation
- Determine the type of construction used.
- Identify visible deterioration and structural distress.
- Propose remedies as required.

General Description
- The bleachers consist of aluminum risers on galvanized steel framing.
- The press box consists of a wood-framed structure supported on what appear to be horizontal painted steel channels and wide flange steel columns (See Photo 1). The framing is similar to that observed at Beddingfield HS, but there are additional support members at James Hunt HS.
- The lateral support for the seating section consists of diagonal steel angles welded or bolted to vertical support frames.
- Lateral support for the press box consists of welded steel angles in the both directions.
- The foundation for the bleachers appears to consist of drilled concrete piers.
- The foundation for the press box likely consists of concrete spread footings, although this cannot be confirmed without excavating at the column locations. There was no exposed concrete at the bases of the main wide flange support columns.

Observations
- The overall condition appears to be structurally sound.
- There were no signs of significant settlement of the foundation.
- There is no significant rust on the galvanized steel.
- Surface rust is present on the painted steel supporting the press box (See Photo 2). The extent of the rust has not compromised the structural integrity of the steel members.
- There is a section of damaged wood decking at the press box floor (See Photo 3). Further investigation is required to assess the extent of this damage.
- There is damage to the flange of one of the press box columns (See Photo 4). This does not appear significant enough to require repair.
- Surface rust is present on a majority of the bolts and fasteners (See Photo 5).

Non-Structural Potential Safety Concerns
- Although the entrances to the press box from the bleachers have steel steps, they may not be in accordance with current code requirements.
- The open spaces between rails along the two ends of the bleachers appear too large to be in accordance with current code requirements.

Conclusions and Recommendations
- It is our opinion that the overall structural condition of the James Hunt High School home side bleachers is sound. The observed surface rust has not created any significant loss to the structural capacity.
- To reduce the potential for the loss of capacity in the future, we recommend that the rusted members, bolts, and fasteners be properly cleaned and then protected with a high quality coating specifically designed for this condition.


Photo 1: View of the underside of the press box.


Photo 2: Surface rust on press box supporting steel.

JAMES HUNT HIGH SCHOOL EXISTING FACILITY CONDITIONS - BLEACHER STRUCTURAL ANALYSIS

Visitor Side Bleachers

General Description

- The bleachers consist of aluminum risers on galvanized steel framing.
- The lateral support for the seating section consists of cantilevered concrete piers and galvanized steel rods (See Photo 6).
- The foundation for the bleachers appears to consist of drilled concrete piers.

Observations

- The overall condition appears to be structurally sound.
- There were no signs of significant settlement of the foundation.
- There is very little rust on the galvanized members as well as the bolts (See Photo 7). Only minor rust was present on some of the railings and fasteners.

Conclusions and Recommendations:

- It is our opinion that the overall structural condition of the James Hunt High School visitor's side bleachers is sound. There was no significant observed surface rust.
- As preventive maintenance, it may be desired to clean and coat the existing structure with a high quality coating specifically designed for coating galvanized steel.

Photo 3: Damaged deck board covered by steel checker plate.

Photo 4: Damaged flange of press box support column.

Photo 5: Representative surface rust on bolts.

Photo 6: View below James Hunt visitors bleachers.

JAMES HUNT HIGH SCHOOL EXISTING FACILITY CONDITIONS - BLEACHER STRUCTURAL ANALYSIS

Small Bleacher Section Home Side

General Description:
- The bleachers consist of aluminum risers on galvanized steel framing.
- The lateral support consists of diagonal steel angles welded or bolted to vertical support frames.
- The foundation consists of miscellaneous concrete blocks.

Observations:
- The overall condition of the above-grade structure appears to be structurally sound.
- There is very little rust on the galvanized members as well as the bolts.
- The support for the bleacher framing consists of miscellaneous concrete blocks (See Photo 8). The frames are not anchored to the blocks. The support is not consistent and some of the blocks have cracked and settled (See Photo 9).

Conclusions and Recommendations:
It is our opinion that the even though the above grade portion of the free-standing bleacher on the James Hunt High School home side is sound, the foundation is not adequate. We recommend that the existing concrete blocks be replaced with a poured in place concrete foundation and that the frames be properly anchored to the foundation. If the manufacturer of the bleacher section is known, they normally can provide typical foundation details or provide reactions that a structural engineer can use to design an adequate foundation.

Although there is no significant surface rust, as preventive maintenance, it may be desired to clean and coat the existing structure with a high quality coating specifically designed for coating galvanized steel

Photo 7: Base of bleacher steel column. No visible rust.

Photo 8: Concrete block support at free-standing bleachers

Photo 9: Cracked concrete block support.

Hunt High School Football Field

Wilson,NC

Lighting System

Pole / Fixture Summary

Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
F1	70'	70'	8	TLC-LED-1500	11.44 kW	A
		70'	3	TLC-LED-900	2.67 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
F2	70'	70'	1	TLC-LED-1200	1.17 kW	A
		70'	8	TLC-LED-1500	11.44 kW	A
		70'	1	TLC-LED-900	0.89 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
F3-F4	70'	70'	8	TLC-LED-1500	11.44 kW	A
		70'	1	TLC-LED-400	0.40 kW	A
		16'	2	TLC-BT-575	1.15 kW	A
4			***47***		***55.89 kW***	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Football	55.89 kW	47

Fixture Type Summary

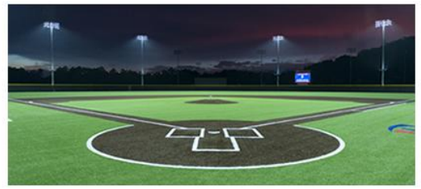
Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-LED-900	LED 5700K - 75 CRI	890W	89,600	>120,000	>120,000	>120,000	4
TLC-LED-1500	LED 5700K - 75 CRI	1430W	160,000	>120,000	>120,000	>120,000	32
TLC-LED-1200	LED 5700K - 75 CRI	1170W	136,000	>120,000	>120,000	>120,000	1
TLC-LED-400	LED 5700K - 75 CRI	400W	46,500	>120,000	>120,000	>120,000	2
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	8

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Bleachers - AWAY	Horizontal	18.4	14	23	1.67	1.32	A	47
Bleachers - HOME	Horizontal	19.3	10	31	3.11	1.93	A	47
Football	Horizontal Illuminance	52.1	42	61	1.44	1.24	A	47
North Sidewalk	Horizontal	3.90	2.20	7.66	3.48	1.77	A	47
Soccer	Horizontal Illuminance	52.6	44	61	1.39	1.19	A	47
Stadium Entrance	Horizontal	11.7	1	23	17.00	11.69	A	47
Track	Horizontal Illuminance	20.4	3	50	19.43	6.79	A	47
Walk Area - North	Horizontal	16.2	1	46	39.80	16.23	A	47
Walk Area - South	Horizontal	18.3	1	55	67.35	18.34	A	47

From Hometown to Professional



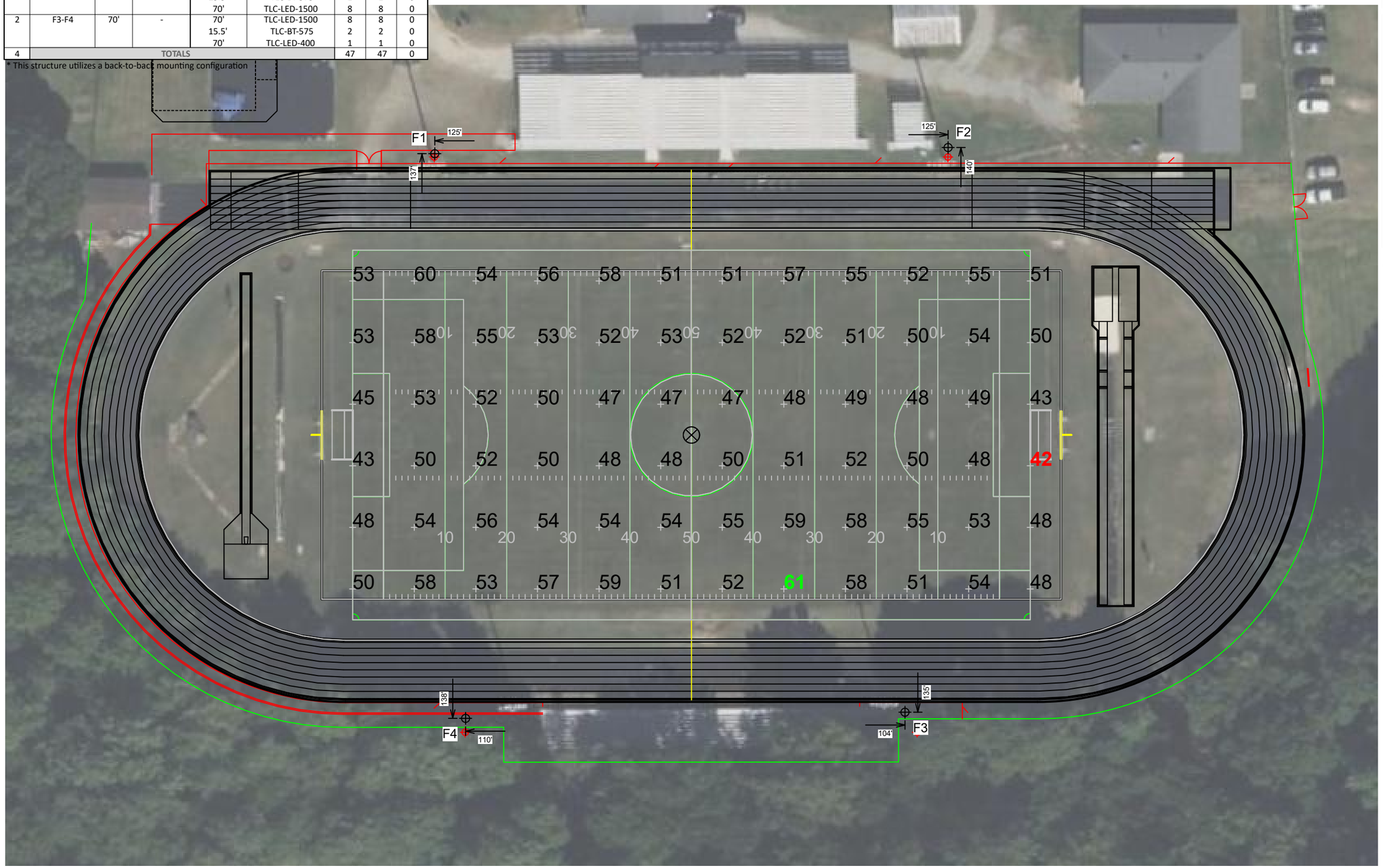
We Make It Happen.

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 50

0' 50' 100'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Football**
Size:	360' x 160'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Guaranteed Average:	**50**
Scan Average:	52.08
Maximum:	61
Minimum:	42
Avg / Min:	1.23
Guaranteed Max / Min:	**2**
Max / Min:	1.44
UG (adjacent pts):	1.17
CU:	0.55
No. of Points:	72

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

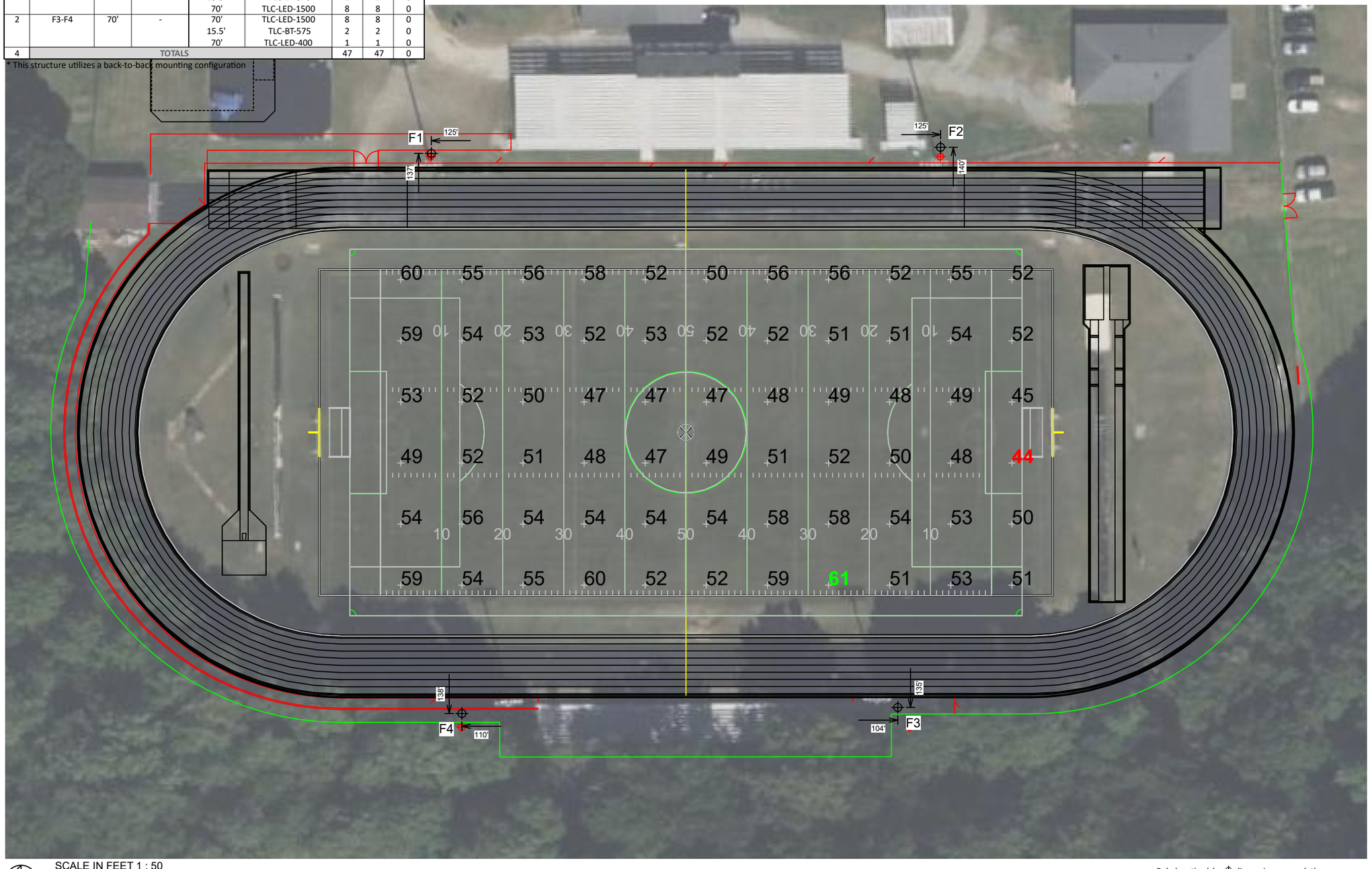
Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

We Make It Happen.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 50

0' 50' 100'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Soccer**
Size:	330' x 180'
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**52.56**
Maximum:	61
Minimum:	44
Avg / Min:	1.20
Max / Min:	**1.39**
UG (adjacent pts):	1.19
CU:	0.51
No. of Points:	66

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

We Make It Happen.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	0'	70'	TLC-LED-900	1/2*	3	0
				15.51'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	0'	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.51'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	0'	70'	TLC-LED-1500	8	8	0
				15.51'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration

SCALE IN FEET 1 : 50

0' 50' 100'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Track**
Size:	Irregular
Spacing:	30.0' x 30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**20.36**
Maximum:	50
Minimum:	3
Avg / Min:	7.87
Max / Min:	**19.43**
UG (adjacent pts):	0.00
CU:	0.13
No. of Points:	45

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

We Make It Happen.

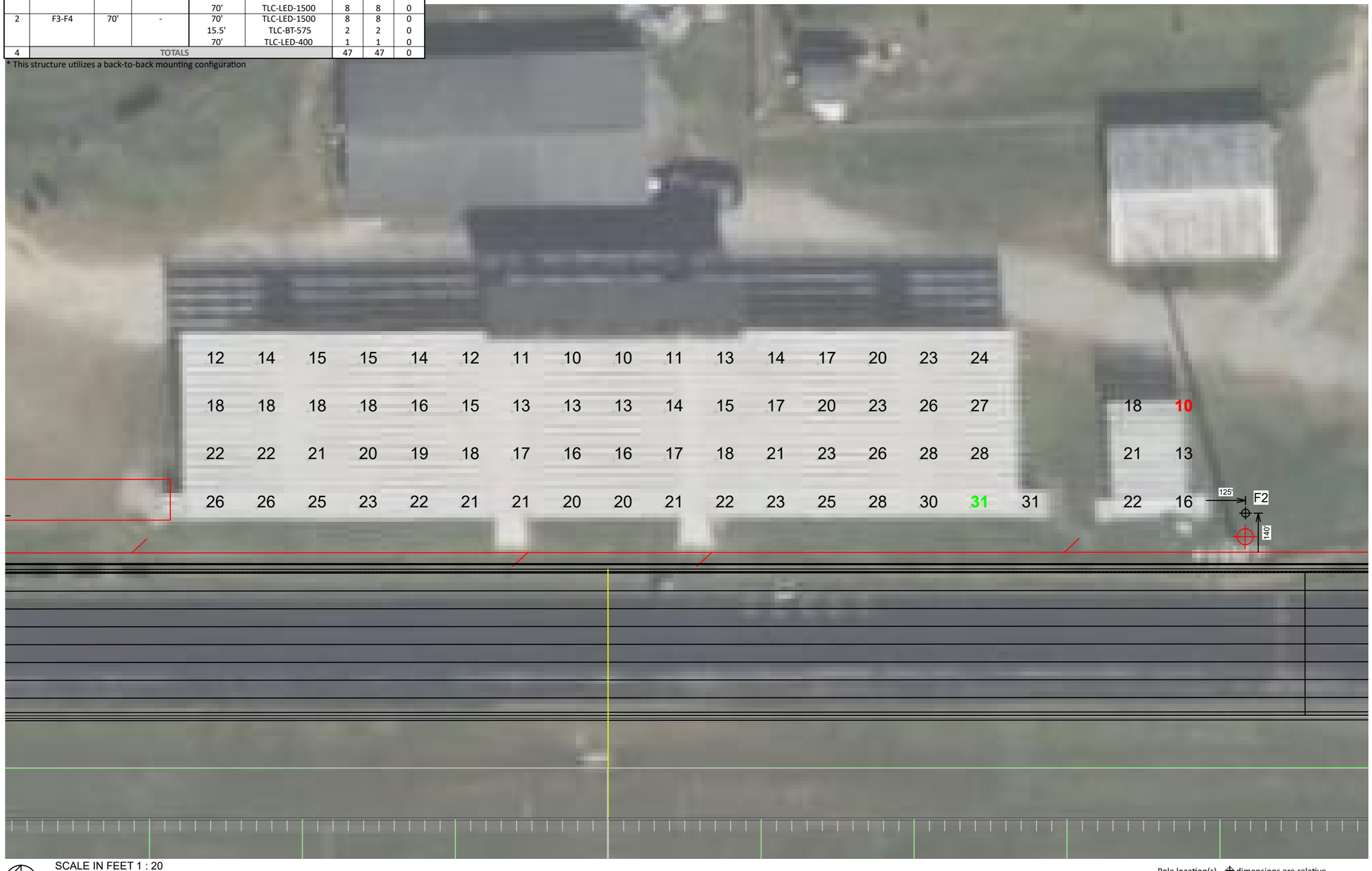
Hunt High School Football Field

Wilson,NC

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 20

0' 20' 40'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

GRID SUMMARY

Name:	**Bleachers - HOME**
Size:	360' x 160'
Spacing:	10.0' x 10.0'

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**19.29**
Maximum:	31
Minimum:	10
Avg / Min:	1.94
Max / Min:	**3.11**
UG (adjacent pts):	1.77
CU:	0.02
No. of Points:	71

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

We Make It Happen.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration

SCALE IN FEET 1 : 20

0' 20' 40'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Bleachers - AWAY**
Size:	360' x 160'
Spacing:	10.0' x 10.0'

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**18.42**
Maximum:	23
Minimum:	14
Avg / Min:	1.35
Max / Min:	**1.67**
UG (adjacent pts):	1.32
CU:	0.01
No. of Points:	30

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration

SCALE IN FEET 1 : 20

0' 20' 40'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Stadium Entrance**
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**11.69**
Maximum:	23
Minimum:	1
Avg / Min:	8.46
Max / Min:	**17.00**
UG (adjacent pts):	2.32
CU:	0.02
No. of Points:	81

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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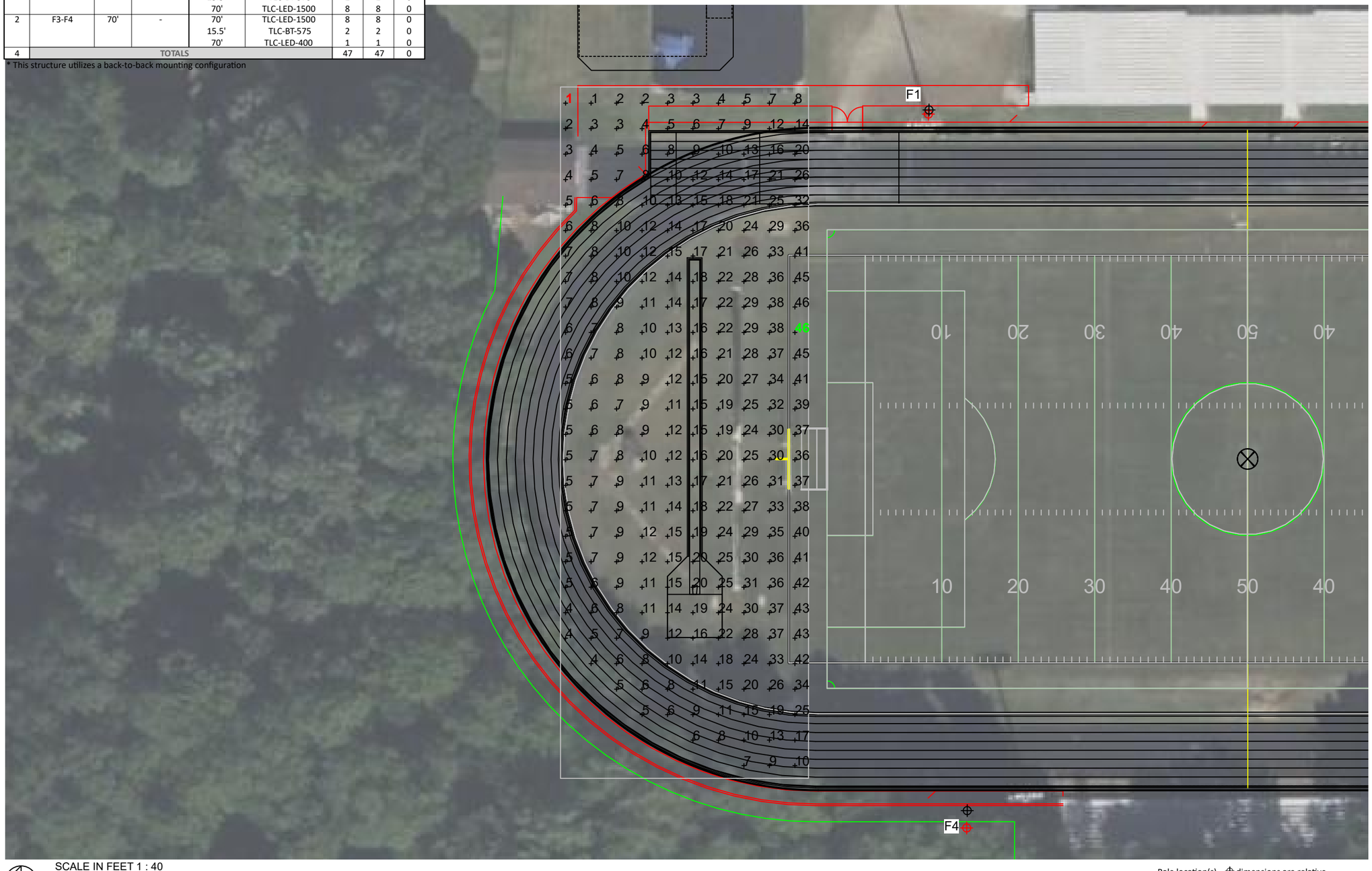
EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 40

0' 40' 80'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**Walk Area - North**
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**16.23**
Maximum:	46
Minimum:	1
Avg / Min:	14.13
Max / Min:	**39.80**
UG (adjacent pts):	1.91
CU:	0.07
No. of Points:	252

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration

SCALE IN FEET 1 : 50

0' 50' 100'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

Hunt High School Football Field

Wilson,NC

GRID SUMMARY

Name:	**North Sidewalk**
Spacing:	30.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	3.9038
Maximum:	7.66
Minimum:	2.20
No. of Points:	12

LUMINAIRE INFORMATION

Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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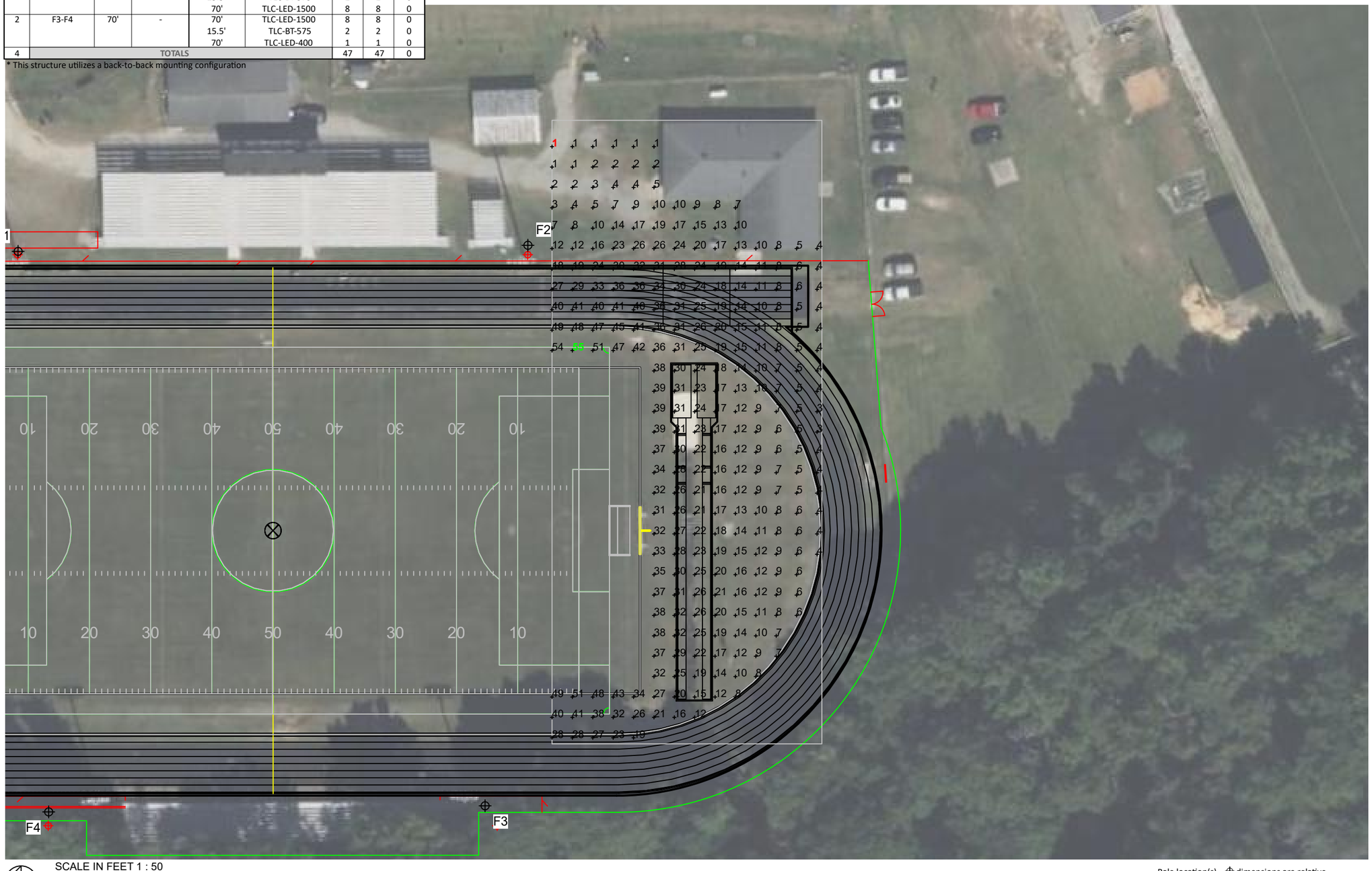
Hunt High School Football Field

Wilson,NC

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
1	F1	70'	-	70'	TLC-LED-900	1/2*	3	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
1	F2	70'	-	70'	TLC-LED-1200	1	1	0
				70'	TLC-LED-900	1*	1	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-1500	8	8	0
2	F3-F4	70'	-	70'	TLC-LED-1500	8	8	0
				15.5'	TLC-BT-575	2	2	0
				70'	TLC-LED-400	1	1	0
4	TOTALS					47	47	0

* This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 50

0' 50' 100'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

GRID SUMMARY

Name:	**Walk Area - South**
Spacing:	10.0' x 10.0'
Height:	3.0' above grade

ILLUMINATION SUMMARY

MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average:	**18.34**
Maximum:	55
Minimum:	1
Avg / Min:	22.64
Max / Min:	**67.35**
UG (adjacent pts):	2.18
CU:	0.08
No. of Points:	279
LUMINAIRE INFORMATION	
Applied Circuits:	A
No. of Luminaires:	**47**
Total Load:	55.89 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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Hunt High School Football Field

Wilson,NC

EQUIPMENT LAYOUT

INCLUDES:
· Football
· Soccer
· Track

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

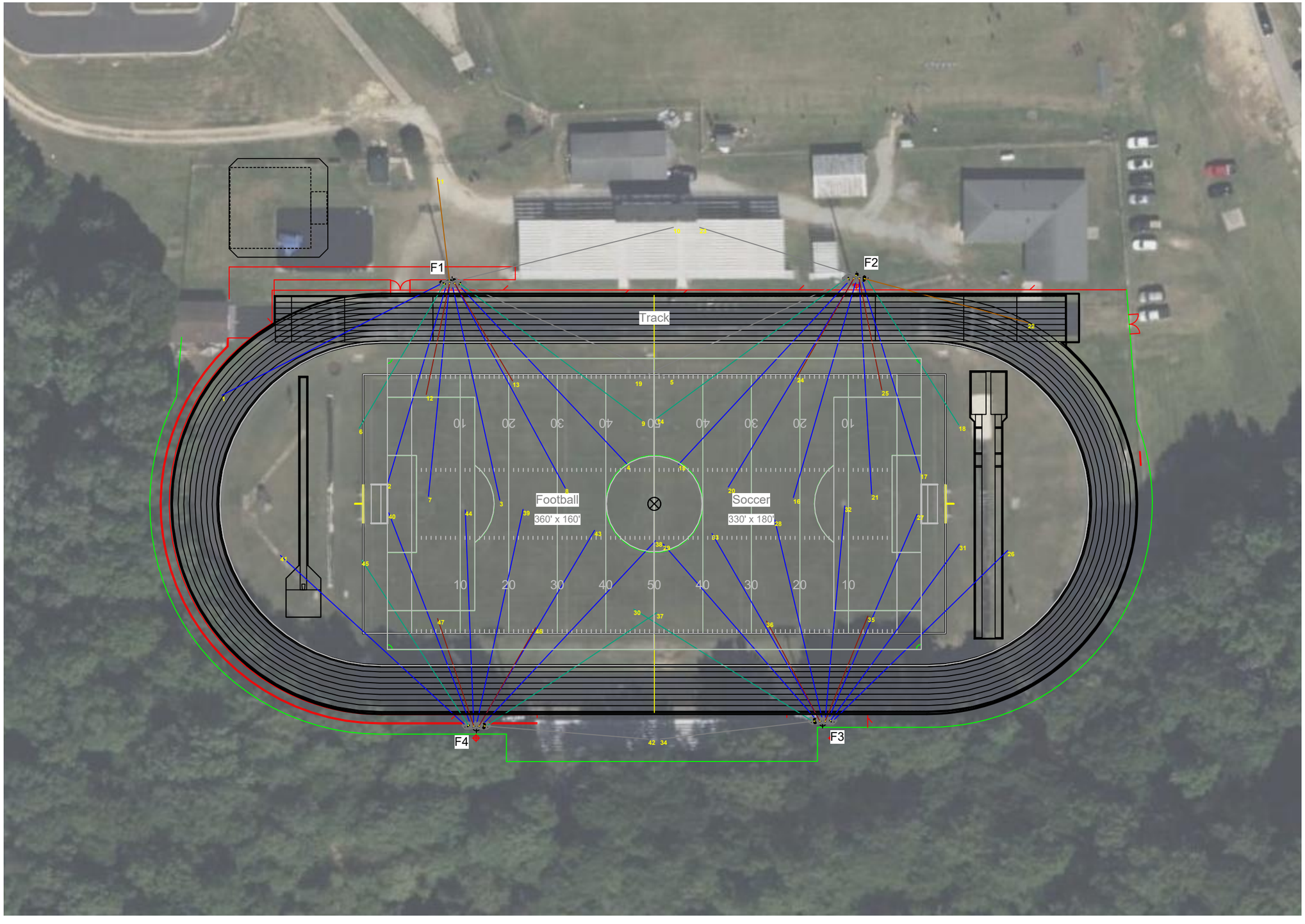
EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires		
QTY	LOCATION	CLASS	GRADE ELEVATION	MOUNTING HEIGHT	LUMINAIRE TYPE	QTY / POLE
1	F1	LSS70D	-	70'	TLC-LED-900	1/2*
				15.5'	TLC-BT-575	2
				70'	TLC-LED-1500	8
1	F2	LSS70D	-	70'	TLC-LED-1200	1
				70'	TLC-LED-900	1*
				15.5'	TLC-BT-575	2
				70'	TLC-LED-1500	8
2	F3-F4	LSS70D	-	70'	TLC-LED-1500	8
				15.5'	TLC-BT-575	2
				70'	TLC-LED-400	1
4	TOTALS					47

* This structure utilizes a back-to-back mounting configuration

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-LED-900	5.3	5.0	4.6	4.0	3.2	2.9	2.3
TLC-LED-1500	8.5	8.1	7.4	6.4	5.1	4.7	3.7
TLC-LED-1200	7.0	6.6	6.1	5.2	4.2	4.0	3.0
TLC-LED-400	2.3	2.2	2.0	1.7	1.4	1.3	1.0
TLC-BT-575	3.4	3.2	2.9	2.5	2.0	1.8	1.5



SCALE IN FEET 1 : 60

0' 60' 120'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

ENGINEERED DESIGN By: Logan Schlee · File #198063C · 26-Oct-22

We Make It Happen.

SECTION 00 41 00

BID FORM

General Contract Work

ON: HUNT HS – ATHLETICS RENOVATION

FOR: WILSON COUNTY SCHOOLS

AT: WILSON, NORTH CAROLINA

DATE: _____

CONTRACTOR'S NAME _____

LICENSE NO. _____

The Undersigned, as Bidder, hereby declares that the only person or persons interested in this proposal as principal or principals or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into that this proposal is made without connection with any other person, company, or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that he has carefully examined the site of the work and informed himself fully in regard to all conditions pertaining to the place where the work is to be done, that he has examined the specifications for the work and contract documents relative thereto, and has read all special provisions furnished prior to the opening of bids; and he has satisfied himself as to the nature and location of the work, the general and local conditions, and all matters which may in any way affect the work or its performance, and that as a result of such examination and investigation, he fully understands the intent and purpose of the documents and conditions of bidding. Claims for additional compensation and/or extensions of time because of the Contractor's failure to follow the forgoing procedure and to familiarize himself with the Contract Documents and all conditions which might affect the work will not be allowed.

The Bidder proposes and agrees if this proposal is accepted to contract with **Wilson County Schools** in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and labor necessary to complete the work of the **Hunt HS – Athletics Renovation** in full and complete accordance with the Contract Documents, to the full and entire satisfaction of the Owner and/or Architect-Engineer, with a definite understanding that no money will be allowed for extra work except as set forth in the Contract Documents for the sum of:

BASE BID

_____Dollars ($_____)

ALTERNATES

Should any of the alternates, as described in the contract documents be accepted, the amount written below shall be the amount to be "added to" the total bid. If the alternate is left blank, then the Alternate would not change if the base bid if accepted. The bidder agrees to construct the Alternate as described in the Contract documents for the following price. Acceptance of the alternate does not increase the contract time.

Alternate No. 01: Replace Light Fixtures
State the amount to be added to the Base Bid to replace all Light Fixtures on and in the Restroom & Concessions buildings.

(Add)_____Dollars ($_____)

Alternate No. 02: Replace Ceilings
State the amount to be added to the Base Bid to replace ceilings in Men's Toilet, Women's Toilet, Training Room and Concessions Kitchen and Storage Room and Toilet Room with Moisture Resistant Gypboard Ceilings.

(Add)_____Dollars ($_____)

Alternate No. 03: Replace Training Room Casework
State the amount to be added to the Base Bid to replace casework in Training Room.

(Add)_____Dollars ($_____)

Alternate No. 04 Plumbing Fixtures (Owner Preferred Alternates):

Alternate No. 04A (Owner Preferred Alternate):
State the amount to be added to the Base Bid to provide plumbing fixture faucets by Delta.

(Add)(Deduct)_____Dollars ($_____)

Alternate No. 04B (Owner Preferred Alternate):
State the amount to be added to the Base Bid to provide plumbing fixture flush valves by Sloan.

(Add)(Deduct)_____Dollars ($_____)

Alternate No. 04C (Owner Preferred Alternate):
State the amount to be added to the Base Bid to provide plumbing fixture urinals by Mansfield.

(Add)(Deduct)_____Dollars ($_____)

Alternate No. 04D (Owner Preferred Alternate):
State the amount to be added to the Base Bid to provide plumbing fixture toilets by American Standard.

(Add)(Deduct)_____Dollars ($_____)

Alternate No. 04E (Owner Preferred Alternate):
State the amount to be added to the Base Bid to provide plumbing fixture lavatories by American Standard (cast iron).

(Add)(Deduct)_____Dollars ($_____)

Alternate No. 05: Add Track Perimeter Fencing
State the amount to be added to the Base Bid to provide new 4' high Black Vinyl chain-link fencing around Football Field and Track in lieu of re-using the existing chain-link fencing.

(Add)_____Dollars ($_____)

Alternate No. 06: Add Site Perimeter Fencing
State the amount to be added to the Base Bid to provide new 6' high Black Vinyl chain-link fencing around Athletic Site in lieu of re-using the existing chain-link fencing.

(Add)_____Dollars ($_____)

Alternate No. 07: Replace Football Field Lighting
State the amount to be added to the Base Bid to replace Football Field Lighting, to include removal of existing concrete light poles, design, engineering, and installation of new Lights and Poles, including all required wiring as a turn-key portion of the project.

(Add)_____Dollars ($_____)

Alternate No. 08 (Owner Preferred Alternate): Replace Football Field Lighting – Musco Lighting
State the amount to be added to the Base Bid to use Owner preferred vendor, Musco Lighting to replace Football Field Lighting, to include removal of existing concrete light poles, design, engineering, and installation of new Lights and Poles, including all required wiring as a turn-key portion of the project.

(Add)_____Dollars ($_____)

Alternate No. 09: New Sports Goalposts
State the amount to be added to the Base Bid to add two twin post Goalposts complying with High School Athletics in lieu of reusing existing.

(Add)_____Dollars ($_____)

Alternate No. 10: New Flagpoles
State the amount to be added to the Base Bid to add two new flagpoles at North end of Field in lieu of moving the 1 existing flagpole.

(Add)_____Dollars ($_____)

Alternate No. 11: EMS Concrete Pad
State the amount to be added to the Base Bid to add new 16' x 30' heavy duty concrete pad on south end of track.

(Add)_____Dollars ($_____)

Alternate No. 12: Concrete Sidewalk to Visitor Bleachers
State the amount to be added to the Base Bid to add new concrete sidewalk around north end of track in lieu of gravel sidewalk.

(Add)_____Dollars ($_____)

ALLOWANCES

Include the following Owner's Contingency Allowance in the Total Bid Amount

Allowance No. 1: Owner's Contingency Dollars ($____30,000_____)

UNIT PRICES

The following unit prices are submitted by the undersigned Bidder as a proposed basis for additive or deductive adjustment in the event contract changes in the Work are required involving items described. It is understood and agreed that unit prices are separately subject to acceptance by the Owner and that such prices are not part of the Contract except as accepted and entered in the Agreement. Unit prices shall include all fees, taxes, profit, overhead and similar items.

Unit prices are based on same standard of materials in contract documents.

UP-01	Black Vinyl Chain Link Fencing 4' in height, Installed	100	LF	@	$_____/LF	($_____)
UP-02	Black Vinyl Gate at Chain Link Fencing 4' in height, 4' wide, Installed	6	Unit	@	$_____/Unit	($_____)
UP-03	Black Vinyl Double Gate at Chain Link Fencing 4' in height, 12' wide, Installed	2	Unit	@	$_____/Unit	($_____)
UP-04	Black Vinyl Chain Link Fencing 6' in height, Installed	100	LF	@	$_____/LF	($_____)
UP-05	Black Vinyl Gate at Chain Link Fencing 6' in height, 4' wide, Installed	3	Unit	@	$_____/Unit	($_____)
UP-06	Black Vinyl Double Gate at Chain Link Fencing 6' in height, 12' wide, Installed	3	Unit	@	$_____/Unit	($_____)
UP-07	Earthwork, cut and fill onsite	50	CY	@	$_____/CY	($_____)
UP-08	Bermuda Sod	1,000	SF	@	$_____/SF	($_____)
UP-09	Final Seeding	1,000	SF	@	$_____/SF	($_____)
UP-10	Aggregate Base Course	5	TON	@	$_____/TN	($_____)
UP-11	Cast-in-place Concrete	100	SF	@	$_____/SF	($_____)

TOTAL BID AMOUNT

_____Dollars ($_____)

The total bid amount includes alternates and allowances, **does NOT** include unit prices. Do not include alternate 8 in total bid amount.

The Owner shall have the right to accept Alternates, Allowances, Unit Prices, and Contingencies listed on the bid form in any order or combination, and to determine the lowest responsive bidder unless otherwise specifically provided in the Bidding Documents, and to determine the low Bidder on the basis of the sum of the Base Bid, Alternates, Allowances, Unit Prices, and Contingencies accepted based on the Owner's budget at time of bid.

The Bidder shall substantially complete the Project in **186 consecutive calendar days** from the Date of

the Notice to Proceed. The **Substantial Completion** Date is **May 31, 2024**.

PRINCIPAL SUB-BIDDERS: The undersigned further states that this bid is based on quotations received from the following subcontractors for the categories of work listed; he further agrees that if he is the successful Bidder, he will contract with the listed subcontractors for the performance of this work:

Track Surfacing Contractor & Manufacturer

Name:_____

Concrete Contractor

Name:_____

Plumbing Contractor

Name:_____

Electrical Contractor

Name:_____

Civil / Sitework Contractor

Name:_____

The Undersigned further agrees that in case of failure on his part to execute the said Contract and to furnish the bond within ten (10) consecutive calendar days after written notice being given of the award of the Contract, the check, cash, or bid bond accompanying this bid shall be paid into the funds of the Owner's account set aside for this project, as liquidated damages for such failure; otherwise the check, cash, or bid bond accompanying this proposal shall be returned to the Undersigned.

The Bidder acknowledges receipt of all Addenda as listed below and has taken them into account in preparation of his proposal.

Addendum No._____ dated _____.

Addendum No._____ dated _____.

Addendum No._____ dated _____.

The following are included in this Bid:

- ☐ Bid Form
- ☐ Bid Bond
- ☐ Identification of HUB Certified / Minority Business Participation
- ☐ Affidavit A or B
- ☐ Copy of NC General Contractor License

Post-Bid Checklist

- ☐ Affidavit C or D (within 72 hours)
- ☐ 100% Performance Bond
- ☐ 100% Payment Bond

- ☐ Certificate of Insurance
- ☐ Subcontractor Contract/Payment Information with each Invoice
- ☐ Sales Tax Certification with each Invoice

_____
(Name of Firm or Corporation making bid)

_____
By:

_____
Printed Name and Title: (Owner, Partner, or Corp. Pres. or Vice-Pres. Only).

WITNESS:

_____
(Proprietorship or Partnership)

ATTEST:

BY: _____

TITLE: _____
(Corp. Sec. or Assist. Sec. Only)

(CORPORATE SEAL)

SECTION 00 61 19

ASBESTOS FREE AFFIDAVIT

WILSON COUNTY SCHOOLS

HUNT HS - ATHLETICS RENOVATION

FOR: HUNT HS - ATHLETICS RENOVATION
4559 LAMM RD, WILSON, NC 27893
WILSON, NORTH CAROLINA

The undersigned Contractor hereby warrants that no asbestos-containing materials of any kind were used in the construction of the **WCS - Hunt HS - Athletics Renovation**, for **Wilson County Schools, Wilson, North Carolina.**

Signed: _____

Name: _____

Title: _____

Date: _____

(Corporate Seal)

Subscribed and sworn before me this

_____ day of _____, 202__.

(Notary Public)

END OF SECTION

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SECTION 26 55 68
EXTERIOR ATHLETIC LIGHTING
Lighting System with LED Light Source

PART 1 – GENERAL

1.1 SUMMARY

A. Work covered by this section of the specifications shall conform to the contract documents, engineering plans as well as state and local codes.

B. The purpose of these specifications is to define the lighting system performance and design standards for Hunt High School Football Stadium using an LED Lighting source. The manufacturer / contractor shall supply lighting equipment to meet or exceed the standards set forth in these specifications.

C. The sports lighting will be for the following venues:
   1. Football

D. The primary goals of this sports lighting project are:
   1. Guaranteed Light Levels: Selection of appropriate light levels impact the safety of the players and the enjoyment of spectators. Therefore light levels are guaranteed to not drop below specified target values for a period of 25 years.
   2. Environmental Light Control: It is the primary goal of this project to minimize spill light to adjoining properties and glare to the players, spectators and neighbors.
   3. Cost of Ownership: In order to reduce the operating budget, the preferred lighting system shall be energy efficient and cost effective to operate. All maintenance costs shall be eliminated for the duration of the warranty.
   4. Control and Monitoring: To allow for optimized use of labor resources and avoid unneeded operation of the facility, customer requires a remote on/off control system for the lighting system. Fields should be proactively monitored to detect luminaire outages over a 25-year life cycle. All communication and monitoring costs for 25-year period shall be included in the bid.

E. All lighting designs shall comply with City of Wilson unified development ordinance.

1.2 LIGHTING PERFORMANCE

A. Illumination Levels and Design Factors: Playing surfaces shall be lit to an average target illumination level and uniformity as specified in the chart below. Lighting calculations shall be developed and field measurements taken on the grid spacing with the minimum number of grid points specified below. Appropriate light loss factors shall be applied and submitted for the basis of design. Average illumination level shall be measured in accordance with the IESNA LM-5-04 (IESNA Guide for Photometric Measurements of Area and Sports Lighting Installations). Illumination levels shall not to drop below desired target values in accordance to IES RP-6-15, Page 2, Maintained Average Illuminance and shall be guaranteed for the full warranty period.

Area of Lighting	Average Target Illumination Levels	Maximum to Minimum Uniformity Ratio	Grid Points	Grid Spacing
Football	50 footcandles	2.0:1	72	30’ x 30’
Track	20 footcandles	20.0:1	45	30’ x 30’
Home Bleachers	19 footcandles	4.0:1	71	10’ x 10’

Visitor Bleachers	18 footcandles	2.0:1	30	10’ x 10’
North Sidewalk	3 footcandles	5.0:1	12	30’ x 30’

B. Color: The lighting system shall have a minimum color temperature of 5700KK and a CRI of 75.

C. Mounting Heights: To ensure proper aiming angles for reduced glare and to provide better playability, minimum mounting heights shall be as described below. Higher mounting heights may be required based on photometric report and ability to ensure the top of the field angle is a minimum of 10 degrees below horizontal.

# of Poles	Pole Designation	Pole Height
4 Poles	F1,F2,F3,F4	70’

1.3 ENVIRONMENTAL LIGHT CONTROL

A. Light Control Luminaires: All luminaires shall utilize spill light and glare control devices including, but not limited to, internal shields, louvers and external shields. No symmetrical beam patterns are accepted.

B. Lighting Ordinance: In accordance with City of Wilson lighting ordinance, maximum initial horizontal illumination at the property line shall not exceed 2 footcandles.

C. Spill Scans: Spill scans must be submitted indicating the amount of horizontal and vertical footcandles along the specified lines. Light levels shall be taken at 30-foot intervals along the boundary line. Readings shall be taken with the meter orientation at both horizontal and aimed towards the most intense bank of lights. Illumination level shall be measured in accordance with the IESNA LM-5-04 after 1 hour warm up.

D. The first page of a photometric report for all luminaire types proposed showing horizontal and vertical axial candle power shall be provided to demonstrate the capability of achieving the specified performance. Reports shall be certified by a qualified testing laboratory with a minimum of five years experience or by a manufacturer’s laboratory with a current accreditation under the National Voluntary Laboratory Accreditation Program for Energy Efficient Lighting Products. A summary of the horizontal and vertical aiming angles for each luminaire shall be included with the photometric report.

1.4 Cost of Ownership

A. Manufacturer shall submit a 25 year Cost of Ownership summary that includes energy consumption, anticipated maintenance costs, and control costs. All costs associated with faulty luminaire replacement - equipment rentals, removal and installation labor, and shipping - are to be included in the maintenance costs.

PART 2 – PRODUCT

2.2 SPORTS LIGHTING SYSTEM CONSTRUCTION

A. Manufacturing Requirements: All components shall be designed and manufactured as a system. All luminaires, wire harnesses, drivers and other enclosures shall be factory assembled, aimed, wired and tested.

B. Durability: All exposed components shall be constructed of corrosion resistant material and/or coated to help prevent corrosion. All exposed carbon steel shall be hot dip galvanized per ASTM A123. All exposed aluminum shall be powder coated with high performance polyester or anodized. All exterior reflective inserts shall be anodized, coated, and protected from direct

environmental exposure to prevent reflective degradation or corrosion. All exposed hardware and fasteners shall be stainless steel, passivated and coated with aluminum-based thermosetting epoxy resin for protection against corrosion and stress corrosion cracking. Structural fasteners may be carbon steel and galvanized meeting ASTM A153 and ISO/EN 1461 (for hot dipped galvanizing), or ASTM B695 (for mechanical galvanizing). All wiring shall be enclosed within the cross-arms, pole, or electrical components enclosure.

C. System Description: Lighting system shall consist of the following:

1. Galvanized steel poles and cross-arm assembly. Alternate: Concrete pole with a minimum of 8,000 psi and installed with concrete backfill will be an acceptable alternative provided building code, wind speed and foundation designs per specifications are adhered to.
2. Non-approved pole technology:
    a. Square static cast concrete poles will not be accepted.
    b. Direct bury steel poles which utilize the extended portion of the steel shaft for their foundation will not be accepted due to potential for internal and external corrosive reaction to the soils and long term performance concerns. No Steel below grade including inverted anchor bolt base will be accepted.
3. Lighting systems shall use concrete foundations. See Section 2.4 for details.
    a. For a foundation using a pre-stressed concrete base embedded in concrete backfill the concrete shall be air-entrained and have a minimum compressive design strength at 28 days of 3,000 PSI. 3,000 PSI concrete specified for early pole erection, actual required minimum allowable concrete strength is 1,000 PSI. All piers and concrete backfill must bear on and against firm undisturbed soil.
    b. For anchor bolt foundations or foundations using a pre-stressed concrete base in a suspended pier or reinforced pier design pole erection may occur after 7 days. Or after a concrete sample from the same batch achieves a certain strength.
4. Manufacturer will supply all drivers and supporting electrical equipment.
    a. Remote drivers and supporting electrical equipment shall be mounted approximately 10 feet above grade in aluminum enclosures. The enclosures shall be touch-safe and include drivers and fusing with indicator lights on fuses to notify when a fuse is to be replaced for each luminaire. Disconnect per circuit for each pole structure will be located in the enclosure. Fixtures with drivers located more than approximately 10 feet above grade will not be accepted due to maintenance access issues.
    b. Manufacturer shall provide surge protection at the pole equal to or greater than 40 kA for each line to ground (Common Mode) as recommended by IEEE C62.41.2_2002.
5. Wire harness complete with an abrasion protection sleeve, strain relief and plug-in connections for fast, trouble-free installation.
6. All luminaires, visors, and cross-arm assemblies shall withstand 150 mi/h winds and maintain luminaire aiming alignment.
7. Control cabinet to provide remote on-off control and monitoring of the lighting system. See Section 2.3 for further details.
8. Manufacturer shall provide lightning grounding as defined by NFPA 780 and be UL Listed per UL 96 and UL 96A.
    a. Integrated grounding via concrete encased electrode grounding system.
    b. If grounding is not integrated into the structure, the manufacturer shall supply grounding electrodes, copper down conductors, and exothermic weld kits. Electrodes and conductors shall be sized as required by NFPA 780.The grounding electrode shall

be minimum size of 5/8 inch diameter and 8 feet long, with a minimum of 10 feet embedment. Grounding electrode shall be connected to the structure by a grounding electrode conductor with a minimum size of 2 AWG for poles with 75 feet mounting height or less, and 2/0 AWG for poles with more than 75 feet mounting height.

D. Safety: All system components shall be UL listed for the appropriate application.

2.2 ELECTRICAL

A. Electric Power Requirements for the Sports Lighting Equipment:
   1. Electric power: 480 Volt, 3 Phase
   2. Maximum total voltage drop: Voltage drop to the disconnect switch located on the poles shall not exceed three (3) percent of the rated voltage.

B. Energy Consumption: The kW consumption for the field lighting system shall be 56kW.

2.3 CONTROL

A. Instant On/Off Capabilities: System shall provide for instant on/off of luminaires.

B. Lighting contactor cabinet(s) constructed of NEMA Type 4 aluminum, designed for easy installation with contactors, labeled to match field diagrams and electrical design. Manual off-on-auto selector switches shall be provided.

C. Dimming: System shall provide for 3-stage dimming (high-medium-low). Dimming will be set via scheduling options (Website, app, phone, fax, email)

D. Remote Lighting Control System: System shall allow owner and users with a security code to schedule on/off system operation via a web site, phone, fax or email up to ten years in advance. Manufacturer shall provide and maintain a two-way TCP/IP communication link. Trained staff shall be available 24/7 to provide scheduling support and assist with reporting needs.

   The owner may assign various security levels to schedulers by function and/or fields. This function must be flexible to allow a range of privileges such as full scheduling capabilities for all fields to only having permission to execute “early off” commands by phone. Scheduling tool shall be capable of setting curfew limits.

   Controller shall accept and store 7-day schedules, be protected against memory loss during power outages, and shall reboot once power is regained and execute any commands that would have occurred during outage.

E. Remote Monitoring System: System shall monitor lighting performance and notify manufacturer if individual luminaire outage is detected so that appropriate maintenance can be scheduled. The controller shall determine switch position (manual or auto) and contactor status (open or closed).

F. Management Tools: Manufacturer shall provide a web-based database and dashboard tool of actual field usage and provide reports by facility and user group. Dashboard shall also show current status of luminaire outages, control operation and service. Mobile application will be provided suitable for IOS, Android and Blackberry devices.

   Hours of Usage: Manufacturer shall provide a means of tracking actual hours of usage for the field lighting system that is readily accessible to the owner.

   1. Cumulative hours: shall be tracked to show the total hours used by the facility
   2. Report hours saved by using early off and push buttons by users.

G. Communication Costs: Manufacturer shall include communication costs for operating the control and monitoring system for a period of 25 years.

H. Communication with luminaire drivers: Control system shall interface with drivers in electrical components enclosures by means of powerline communication.

2.4 STRUCTURAL PARAMETERS

A. Wind Loads: Wind loads shall be based on the 2018 International Building Code. Wind loads to be calculated using ASCE 7-16, an ultimate design wind speed of 120 and exposure category C.

B. Pole Structural Design: The stress analysis and safety factor of the poles shall conform to 2013 AASHTO Standard Specification for Structural Supports for Highway Signs, Luminaires, and Traffic Signals (LTS-6).

C. Foundation Design: The foundation design shall be based on soils that meet or exceed those of a Class 5 material as defined by 2018 IBC Table 1806.2.

D. Foundation Drawings: Project specific foundation drawings stamped by a registered engineer in the state where the project is located are required. The foundation drawings must list the moment, shear (horizontal) force, and axial (vertical) force at ground level for each pole. These drawings must be submitted at time of bid to allow for accurate pricing.

PART 3 – EXECUTION

3.1 SOIL QUALITY CONTROL

A. It shall be the Contractor’s responsibility to notify the Owner if soil conditions exist other than those on which the foundation design is based, or if the soil cannot be readily excavated. Contractor may issue a change order request / estimate for the Owner’s approval / payment for additional costs associated with:

1. Providing engineered foundation embedment design by a registered engineer in the State of North Carolina for soils other than specified soil conditions.
2. Additional materials required to achieve alternate foundation.
3. Excavation and removal of materials other than normal soils, such as rock, caliche, etc.

3.2 DELIVERY TIMING

A. Delivery Timing Equipment On-Site: The equipment must be on-site 8-12 weeks from receipt of approved submittals and receipt of complete order information.

3.3 FIELD QUALITY CONTROL

A. Illumination Measurements: Upon substantial completion of the project and in the presence of the Contractor, Project Engineer, Owner's Representative, and Manufacturer's Representative, illumination measurements shall be taken and verified. The illumination measurements shall be conducted in accordance with IESNA LM-5-04.

B. Field Light Level Accountability

1. Light levels are guaranteed not to fall below the target maintained light levels for the entire warranty period of 25 years. These levels will be specifically stated as “guaranteed” on the illumination summary provided by the manufacturer.
2. The contractor/manufacturer will be held responsible for any and all changes needed to bring these fields back to compliance for light levels and uniformities. Contractor/Manufacturer will be held responsible for any damage to the fields during these repairs.

C. Correcting Non-Conformance: If, in the opinion of the Owner or his appointed Representative, the actual performance levels including footcandles and uniformity ratios are not in conformance with the requirements of the performance specifications and submitted information, the Manufacturer shall be required to make adjustments to meet specifications and satisfy Owner.

3.4 WARRANTY AND GUARANTEE

A. 25-Year Warranty: Each manufacturer shall supply a signed warranty covering the entire system for 25 years from the date of shipment. Warranty shall guarantee specified light levels. Manufacturer shall maintain specifically-funded financial reserves to assure fulfillment of the warranty for the full term. Warranty does not cover weather conditions events such as lightning or hail damage, improper installation, vandalism or abuse, unauthorized repairs or alterations, or product made by other manufacturers.

B. Maintenance: Manufacturer shall monitor the performance of the lighting system, including on/off status, hours of usage and luminaire outage for 25 years from the date of equipment shipment. Parts and labor shall be covered such that individual luminaire outages will be repaired when the usage of any field is materially impacted. Manufacturer is responsible for removal and replacement of failed luminaires, including all parts, labor, shipping, and equipment rental associated with maintenance. Owner agrees to check fuses in the event of a luminaire outage.

PART 4 – DESIGN APPROVAL

4.0 PRE-BID SUBMITTAL REQUIREMENTS (Non-Musco)

A. Design Approval: The owner / engineer will review pre-bid submittals per section 4.0.B from all the manufacturers to ensure compliance to the specification 7 days prior to bid. If the design meets the design requirements of the specifications, a letter and/or addendum will be issued to the manufacturer indicating approval for the specific design submitted.

B. Approved Product: Musco's Light-Structure System™ with TLC for LED™ is the approved product. All substitutions must provide a complete submittal package for approval as outlined in Submittal Information at the end of this section at least 10 days prior to bid. Special manufacturing to meet the standards of this specification may be required. An addendum will be issued prior to bid listing any other approved lighting manufacturers and designs.

C. All listed manufacturers not pre-approved shall submit the information at the end of this section at least 7 days prior to bid. An addendum will be issued prior to bid; listing approved lighting manufacturers and the design method to be used.

D. Bidders are required to bid only products that have been approved by this specification or addendum by the owner or owner's representative. Bids received that do not utilize an approved system/design, will be rejected.

REQUIRED SUBMITTAL INFORMATION FOR ALL MANUFACTURERS (NOT PRE-APPROVED) 10 DAYS PRIOR TO BID

All items listed below are mandatory, shall comply with the specification and be submitted according to pre-bid submittal requirements. Complete the Yes/No column to indicate compliance (Y) or noncompliance (N) for each item. ***Submit checklist below with submittal.***

Yes / No	Tab	Item	Description
	A	Letter/ Checklist	Listing of all information being submitted must be included on the table of contents. List the name of the manufacturer's local representative and his/her phone number. Signed submittal checklist to be included.
	B	Equipment Layout	Drawing(s) showing field layouts with pole locations
	C	On Field Lighting Design	Lighting design drawing(s) showing: a. Field Name, date, file number, prepared by b. Outline of field(s) being lighted, as well as pole locations referenced to the center of the field (x & y), Illuminance levels at grid spacing specified c. Pole height, number of fixtures per pole, horizontal and vertical aiming angles, as well as luminaire information including wattage, lumens and optics d. Height of light test meter above field surface. e. Summary table showing the number and spacing of grid points; average, minimum and maximum illuminance levels in foot candles (fc); uniformity including maximum to minimum ratio, coefficient of variance (CV), coefficient of utilization (CU) uniformity gradient; number of luminaries, total kilowatts, average tilt factor; light loss factor.
	D	Off Field Lighting Design	Lighting design drawing showing initial spill light levels along the boundary line (defined on bid drawings) in footcandles. Lighting design showing glare along the boundary line in candela. Light levels shall be taken at 30-foot intervals along the boundary line. Readings shall be taken with the meter orientation at both horizontal and aimed towards the most intense bank of lights.
	E	Photometric Report	Provide first page of photometric report for all luminaire types being proposed showing candela tabulations as defined by IESNA Publication LM-35-02. Photometric data shall be certified by laboratory with current National Voluntary Laboratory Accreditation Program or an independent testing facility with over 5 years experience.
	F	Performance Guarantee	Provide performance guarantee including a written commitment to undertake all corrections required to meet the performance requirements noted in these specifications at no expense to the owner. Light levels must be guaranteed to not fall below target levels for warranty period.
	G	Structural Calculations	Pole structural calculations and foundation design showing foundation shape, depth backfill requirements, rebar and anchor bolts (if required). Pole base reaction forces shall be shown on the foundation drawing along with soil bearing pressures. Design must be stamped by a structural engineer in the state of North Carolina, if required by owner.
	H	Control & Monitoring System	Manufacturer of the control and monitoring system shall provide written definition and schematics for automated control system to include monitoring They will also provide ten (10)references of customers currently using proposed system in the state of North Carolina.
	I	Electrical Distribution	Manufacturer bidding an alternate product must include a revised electrical distribution plan including changes to service entrance, panels and wire

		Plans	sizing, signed by a licensed Electrical Engineer in the state of North Carolina.
	J	Warranty	Provide written warranty information including all terms and conditions. Provide ten (10) references of customers currently under specified warranty in the state of North Carolina.
	K	Project References	Manufacturer to provide a list of ten (10) projects where the technology and specific fixture proposed for this project has been installed in the state of North Carolina. Reference list will include project name, project city, installation date, and if requested, contact name and contact phone number.
	L	Product Information	Complete bill of material and current brochures/cut sheets for all product being provided.
	M	Delivery	Manufacturer shall supply an expected delivery timeframe from receipt of approved submittals and complete order information.
	N	Non-Compliance	Manufacturer shall list all items that do not comply with the specifications. If in full compliance, tab may be omitted.
	O	Cost of Ownership	Document cost of ownership as defined in the specification. Identify energy costs for operating the luminaires. Maintenance cost for the system must be included. All costs should be based on 25 Years

The information supplied herein shall be used for the purpose of complying with the specifications for Beddingfield High School. By signing below I agree that all requirements of the specifications have been met and that the manufacturer will be responsible for any future costs incurred to bring their equipment into compliance for all items not meeting specifications and not listed in the Non-Compliance section.

Manufacturer: _____ **Signature:** _____

Contact Name: _____ **Date:** _____/_____/_____

Contractor: _____ **Signature:** _____

END OF SECTION

SECTION 32 13 73 - ADD 1
PAVEMENT JOINT SEALANTS

PART 1 - GENERAL

1.01 SUMMARY

A. This Section includes the following:
   1. Expansion and contraction joints within cement concrete pavement.
   2. Joints between cement concrete and asphalt pavement.

1.02 SUBMITTALS

A. Product Data: For each type of product indicated.

B. Samples: For each type and color of joint sealant required.

C. Product certification and test reports.

D. Compatibility and Adhesion Test Reports: From sealant manufacturer.

1.03 QUALITY ASSURANCE

A. Preconstruction Compatibility and Adhesion Testing: Submit samples of materials that will contact or affect joint sealants to joint-sealant manufacturers for testing according to AASHTO M153 for Type I,II, or III; or be a bituminous type that meets AASHTO M213 to determine whether priming and other specific joint preparation techniques are required to obtain rapid, optimum adhesion of joint sealants to joint substrates.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, products listed in other Part 32 articles.

B. Products: Subject to compliance with requirements, provide one of the products listed in other Part 32 articles.

2.02 MATERIALS, GENERAL

A. Compatibility: Provide joint sealants, backing materials, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by joint-sealant manufacturer based on testing and field experience.
   1. Primers: Product recommended by joint-sealant manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint-sealant-substrate tests and field tests.

B. Colors of Exposed Joint Sealants: As indicated by manufacturer's designations and coordination with architect.

2.03 COLD-APPLIED JOINT SEALANTS

A. Type NS Silicone Sealant for Concrete: Single-component, low-modulus, neutral-curing, nonsag silicone sealant complying with ASTM D 5893 for Type NS.
   1. Available Products:
      a. Crafco Inc.; RoadSaver Silicone.
      b. Dow Corning Corporation; 888.
      c. NCDOT approved equal

B. Type SL Silicone Sealant for Concrete and Asphalt: Single-component, low-modulus, neutral-curing, self-leveling silicone sealant complying with ASTM D 5893 for Type SL.

1. Available Products:
   a. Crafco Inc.; RoadSaver Silicone SL.
   b. Dow Corning Corporation; 890-SL.
   c. NCDOT approved equal.

2.04 HOT-APPLIED JOINT SEALANTS

A. Sealant for Concrete and Asphalt: Single-component formulation complying with ASTM D 6690.
   1. Available Products:
      a. Koch Materials Company; Product No. 9005.
      b. Koch Materials Company; Product No. 9030.
      c. Meadows, W. R., Inc.; Sealtight Hi-Spec.
      d. NCDOT approved equal.

2.05 JOINT-SEALANT BACKER MATERIALS

A. General: Provide joint-sealant backer materials that are nonstaining; are compatible with joint substrates, sealants, primers, and other joint fillers; and are approved for applications indicated by joint-sealant manufacturer based on field experience and laboratory testing.

B. Type L – A closed-cell expanded polyethylene foam backer rod. Use in roadway and bridge joints with Type NS silicone only.

C. Type M – A closed-cell polyolefin foam backer rod which has closed-cell skin over an open-cell core. Use in roadway and bridge joints with both silicon sealant types

D. Backer Rods for Cold-Applied Sealants: ASTM D 1622, 2lbs/cf minimum; ASTM D 1623 25 psi minimum; ASTM C 509 0.5% by volume maximum.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Surface Cleaning of Joints: Clean out joints immediately before installing joint sealants to comply with joint-sealant manufacturer's written instructions.

B. Joint Priming: Prime joint substrates where indicated or where recommended in writing by joint-sealant manufacturer, based on preconstruction joint-sealant-substrate tests or prior experience.

C. Sealant Installation Standard: Comply with recommendations in ASTM C 1193 for use of joint sealants as applicable to materials, applications, and conditions indicated.

D. Install backer materials to support sealants during application and at position required to produce optimum sealant movement capability. Do not leave gaps between ends of backer materials. Do not stretch, twist, puncture, or tear backer materials. Remove absorbent backer materials that have become wet before sealant application and replace them with dry materials.

E. Install sealants at the same time backings are installed to completely fill recesses provided for each joint configuration and to produce uniform, cross-sectional shapes and depths relative to joint widths that allow optimum sealant movement capability.

F. Tooling of Nonsag Sealants: Immediately after sealant application and before skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated; to eliminate air pockets; and to ensure contact and adhesion of sealant with sides of joint.

G. Clean off excess sealants or sealant smears adjacent to joints as the Work progresses by methods and with cleaning materials approved by manufacturers of joint sealants and of products in which joints occur.

END OF SECTION

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SECTION 32 31 13 – ADD 1
CHAIN LINK FENCING AND GATES (BLACK PVC)

PART 1 GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section Includes:
   1. Vinyl Chain-link fences and gates – Black Vinyl PVCE

B. Related Sections:
   1. Concrete Paving

1.03 PERFORMANCE REQUIREMENTS

A. Structural Performance: Chain-link fence shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated according to ASCE/SEI 7:
   1. Minimum Post Size: Determine according to ASTM F 1043 for framework up to 6 feet high, and post spacing not to exceed 10 feet.
   2. Minimum Post Size and Maximum Spacing: Determine according to CLFMI WLG 2445, based on mesh size and pattern specified and on the following:
      a. Wind Loads: 105 mph.
      b. Exposure Category: B.
      c. Fence Height: Varies
      d. Material Group: IA, ASTM F 1043, Schedule 40 steel pipe or stronger if warranted to meet wind load requirements. Contractor to verify prior pipe material prior to bid and installation.

B. Fence posts, footers and fabric not structurally designed for wind/privacy screen applications. Any wind/privacy screens installed after construction will be at the owner's discretion and risk.

C. Fence system shall meet all applicable ASTM standards. Including but not limited to
   1. F 668 - Specification for Poly (Vinyl Chloride)/(PVC) - Coated Steel Chain Link Fabric
   2. F 567 - Practice for Installation of Chain Link Fence
   3. F 669 - Specification for Strength Requirements of Metal Posts and Rails for Industrial Chain Link Fence
   4. F 900 - Specification for Industrial and Commercial Swing Gates
   5. F 934 - Standard Colors for Polymer-Coated Chain Link Fence Materials
   6. F 1083 - Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures
   7. F 1234 - Specification for Protective Coatings in Steel Framework for Fences

1.04 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components, and finishes for chain-link fences and gates.
   1. Fence, rails, and fittings.
   2. Chain-link fabric, reinforcements, and attachments.

B. Samples for Initial Selection: For components with factory-applied color finishes.

C. Product Certificates: For each type of chain-link fence from manufacturer.

D. Product Test Reports: For framing strength, according to ASTM F 1043.

E. Field quality-control reports.

F. Operation and Maintenance Data: For the following to include in emergency, operation, and maintenance manuals:

1. Polymer finishes.

G. Warranty: Sample of special warranty.

H. Other Informational Submittals:
1. Record drawings.

1.05 QUALITY ASSURANCE

A. In general, conform to standards of the CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI). Manufacturer:

B. Company specializing in commercial quality chain link fencing with five years' experience.

C. Installer: Company specializing in commercial quality chain link fence installation with three years' experience and approved by manufacturer.

1.06 PROJECT CONDITIONS

A. Field Measurements: Verify layout information for chain-link fences and gates shown on Drawings in relation to property survey and existing structures. Verify dimensions by field measurements.

1.07 WARRANTY

A. All material and workmanship shall be warrantied for a period of one (1) year after final acceptance.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements.

B. The types of fencing required for the project are as indicated below, subject to detailed material requirements which follow.
1. All fencing materials shall be black in color.
2. All material shall be new, and products of recognized reputable manufacturers. Used, re- rolled or re-galvanized materials are not acceptable.
3. Like items of materials provided hereinafter shall be the end products of one manufacturer in order to achieve standardization for appearance, maintenance, and replacement.
4. Fencing Fabric Wire shall conform to the following:
a. Fabric shall be premium grade helically wound and woven steel core wire in accordance with ASTM F668 for Class 2B poly vinyl chloride (PVC) fabric, fused and bonded. Color to be black.
b. Material specifics shall be as follows:

	Core (inches)	Wire (uncoated) (gauge)	Wire Breakload (lbf)	Mesh Size
Fence Fabric	0.148	9	1290	2”

c. All fencing is to be knuckle – knuckle (no barbs top or bottom)
5. Powder coated framework shall be steel pipe high strength – Type II: Cold formed and welded steel pipe complying with ASTM F1043, Group IC, with minimum yield strength of 50,000 psi (344 MPa), sizes as indicated. Protective coating per ASTM F 1043, external coating Type B, zinc with organic overcoat, 0.9 oz/S.F. (275 g/m2) minimum zinc coating with chromate conversion coating and verifiable polymer film. Internal coating Type B, minimum 0.9 oz/S.F. (275 g/m2) zinc or Type D, zinc pigmented, 81% nominal coating, minimum 3 mils (0.08 mm) thick. Color to be black.
6. Schedule of pipes sizes shall be as follows:

Application	Height (feet)	Outside Dimensions (inches)	Wall Thickness (inches)	Weight (lbs/foot)
Terminal/Corner Posts	4’ - 6’	2.875	0.160	4.64
Line Posts	Less than 6’	1.900	0.120	2.28
	6’-8’	2.875	0.160	4.64
Rails and Braces	(all heights)	1.660	0.111	1.84

7. Post tops shall be provided with secured post caps that fit tightly and cannot be removed by hand.
8. Top rails shall have lengths no less than eighteen feet (18’-0”) and shall be fitted with minimum six inches (6”) long outside sleeved or internally swaged couplings for connecting the lengths into a continuous run.
9. Provide top rail with pass-through fittings at line posts and rail end cups and brace bancs at terminal or gate posts.
10. ~~Middle and~~ Bottom Rails shall be properly secured to line posts with steel boulevard clamps and to terminal, corner, gate or pull posts with rail end cups and brace bands.
    a. Where the chain link fence is in line with the Protective Ball netting, special boulevard clips shall be used to allow for the field side of the ball net post and the chain link fence post to be flush with each other. This means the posts will not be lined up center to center, but rather will be offset from each other to have a flush fabric condition on the field side.
11. Brace Rails shall be provided for each terminal post with fabric height of six feet or more. Extend brace to each adjacent post at approximate mid-height of fabric and secure with rail end cups and brace bands.
12. Fence fittings and accessories shall be fabricated of steel or cast iron and shall conform to minimum requirements of ASTM F-626, and as below. Following fabrication and galvanizing, all fence fittings shall receive a 10 to 14 mil thick fusion bonded vinyl coating to match fabric color. With the exception of field painting for nuts and bolts, no painted fittings will be accepted.
    a. Where the chain link fence is in line with the Athletic Ball Netting, special boulevard clips shall be used to allow for the field side of the ball net post and the chain link fence post to be flush with each other. This means the posts will not be lined up center to center, but rather will be offset from each other (see Project Drawings and Details).
    b. Stretcher Bars shall not be less than three sixteenth’s (3/16”) of an inch by three quarter’s of an inch (¾”) and not less than 2 inches shorter than the nominal height of the fabric with which they are to be used. One stretcher bar shall be provided for each end and gate post, and two for each corner and pull post.
    c. Fabric connectors shall be provided in sufficient number for attaching the fabric to all line posts at intervals not exceeding twelve inches (12”); and not exceeding twelve inches (12”) when attaching fabric to top or bottom rail. Connectors shall be galvanized with a min. 0.8 oz/S.F. coating of zinc.
    d. Unless designated otherwise on the details, tie wires shall be fabricated from rolled 9-gauge wire stock which has been cut to required lengths for hand-twisted connections at the site. Color to be black.
    e. Tension Bands shall be provided in sufficient number for attaching the fabric and stretcher bars to all terminal posts at intervals not exceeding twelve inches (12”). Tension bands shall have a minimum thickness after galvanizing of 0.078 inch; and minimum width of three quarters of an inch (3/4”) for posts four inches (4”) O.D. or less; and 0.108 inch thickness by seven eighths of an inch (7/8”) for posts larger than four inches (4”) O.D. Brace bands shall be formed from flat or beveled

steel and shall have a minimum thickness of 0.108 inch after galvanizing; and a minimum width of three quarters of an inch (3/4"). Attachment bolts shall be five sixteenths of an inch (5/16") by one and one quarter of an inch (1 ¼") galvanized carriage bolts with nuts, ASTM A-307, Grade A.

f. Other hardware required shall be fabricated from steel, and galvanized in accordance with ASTM A123 and/or ASTM A153.

g. All threaded bolts are to be turned away from secured areas, especially field of play

C. Chain Link Swing Gates:

1. All gates to be heavy duty commercial grade.
2. Fabricate chain link swing gates in accordance with ASTM F 900 using galvanizing two inch (2") steel tubular members weighing 2.60 lb/ft. Fusion or stainless steel welded connections forming rigid one-piece unit. Frames shall be thermally fused after fabrication with minimum 10 mils per ASTM 1043. Contractor can fabricate gate frames from pvc materials and touch up after welding or pvc coat after gate fabrication.
3. Chain link fabric for gates shall match fabric for fencing.
4. Gate posts shall be steel pipe – type II finished to match fence posts:

Double Leaf Gates	Post Size (inches)	Weight (lb/ft.)
8'-12' wide	4.00	5.79

Gate fabric height up to and including 6ft.

Gate Leaf Width	Outside Diameter
Up to 10 ft.	2.875 in.

Gate Leaf Width	Outside
Diameter Up to 6 ft.	2.875 in.
Over 6 ft. to 12 ft.	4.000 in.

5. Gate hinges shall be heavy-duty offset type. Install gate with 90 degree malleable heavy duty hinges. Hinges shall have large bearing surfaces for clamping in position. The hinges shall not twist or turn under the action of the gate. The gates shall be capable of being opened and closed easily by the person.
6. All gates should open outward away from the field of play.
7. All gates shall be equipped with a positive closure latch and padlock fitting.
8. Drop Rods are allowed. All Post openings must be securely capped with rounded post caps. ~~Black PVC Galvanized chains shall be welded to the larger drive gate closure points in lieu of drop rods and latches.~~
9. Lockable latches are required on all walk and double gates.
10. All threaded bolts are to be turned away from secured areas, especially field of play.

2.02 CAST-IN-PLACE CONCRETE

A. Materials: Portland cement complying with ASTM C 150, Type I aggregates complying with ASTM C 33, and potable water for ready-mixed concrete complying with ASTM C 94/C 94M. Measure, batch, and mix Project-site-mixed concrete according to ASTM C 94/C 94M.

1. Concrete Mixes: Normal-weight concrete with not less than 3000-psi compressive strength (28 days), 3-inch slump, and 1-inch maximum size aggregate.

B. Materials: Dry-packaged concrete mix complying with ASTM C 387 for normal-weight concrete mixed with potable water according to manufacturer's written instructions.

2.03 SHOP DRAWINGS

A. Contractor to provide full shop drawings and specifications for approval of all fencing, gates and components.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions, with Installer present, for compliance with requirements for a verified survey of property lines and legal boundaries, site clearing, earthwork, pavement work, and other conditions affecting performance of the Work.
   1. Do not begin installation before final grading is completed unless otherwise permitted by owner's representative.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Stake locations of fence lines, gates, and terminal posts. Do not exceed intervals of 500 feet or line of sight between stakes. Indicate locations of utilities, lawn sprinkler system, underground structures, benchmarks, and property monuments.

3.03 INSTALLATION, GENERAL

A. Install chain-link fencing to comply with ASTM F 567 and more stringent requirements indicated.
   1. Install fencing on established project boundary lines inside property line as shown on Drawings.

3.04 CHAIN-LINK FENCE INSTALLATION

A. Post Excavation: Drill or hand-excavate holes for posts to diameters and spacings indicated, in firm, undisturbed soil.

B. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
   1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
   2. Where the chain link fence is inline with the Athletic Ball Netting, special boulevard clips shall be used to allow for the field side of the ballnet post and the chain link fence post to be flush with each other. This means the posts will not be lined up center to center, but rather will be offset from each other. (see Project Drawings and Details).
   3. Concrete Fill: Place concrete around posts to dimensions indicated and vibrate or tamp for consolidation. Protect aboveground portion of posts from concrete splatter.
      a. Exposed Concrete: Extend 2 inches above grade; shape and smooth to shed water.
      b. Concealed Concrete: Top 2 inches below grade to allow covering with surface material.
      c. Posts Set into Concrete in Sleeves: Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with non-shrink, nonmetallic grout, mixed and placed to comply with anchoring material manufacturer's written instructions, and finished sloped to drain water away from post.
      d. Posts Set into Voids in Concrete: Form or core drill holes not less than 5 inches deep and 3/4 inch larger than OD of post. Clean holes of loose material, insert posts, and fill annular space between post and concrete with non-shrink, nonmetallic grout, mixed and placed to comply with anchoring material manufacturer's written instructions, and finished sloped to drain water away from post.
   4. Mechanically Driven Posts: Drive into soil to depth of 30 inches. Protect post top to prevent distortion.

C. Terminal Posts: Locate terminal end, corner, and gate posts per ASTM F 567 and terminal pull posts at changes in horizontal or vertical alignment of 30 degrees or more.

D. Line Posts: Space line posts uniformly on center per detail.

E. Post Bracing and Intermediate Rails: Install according to ASTM F 567, maintaining plumb position and alignment of fencing. Diagonally brace terminal posts to adjacent line posts

with truss rods and turnbuckles. Install braces at end and gate posts and at both sides of corner and pull posts.

F. Locate horizontal braces at mid-height of fabric on fences with top rail and at two-third

G. fabric height on fences without top rail. Install so posts are plumb when diagonal rod is under proper tension.

H. Top Rail: Install according to ASTM F 567, maintaining plumb position and alignment of fencing. Run rail continuously through line post caps, bending to radius for curved runs and terminating into rail end attached to posts or post caps fabricated to receive rail at terminal posts. Provide expansion couplings as recommended in writing by fencing manufacturer.

I. Intermediate and Bottom Rails: Install and secure to posts with fittings.

J. Chain-Link Fabric: Apply fabric to outside of enclosing framework. Leave 2 inches between finish grade or surface and bottom selvage unless otherwise indicated. Pull fabric taut and tie to posts, rails, and tension wires. Anchor to framework so fabric remains under tension after pulling force is released.

K. Tension or Stretcher Bars: Thread through fabric and secure to end, corner, pull, and gate posts with tension bands spaced not more than 15 inches o.c.

L. Tie Wires: Use wire of proper length to firmly secure fabric to line posts and rails. Attach wire at one end to chain-link fabric, wrap wire around post a minimum of 180 degrees, and attach other end to chain-link fabric per ASTM F 626. Bend ends of wire to minimize hazard to individuals and clothing.

M. Maximum Spacing: Tie fabric to line posts at 12 inches o.c. and to braces 24 inches o.c.

N. Fasteners: Install nuts for tension bands and carriage bolts on the side of the fence opposite the fabric side.

3.05 GATE INSTALLATION

A. Install gates according to manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach fabric as for fencing per manufacturer requirements. Attach hardware using tamper- resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation and lubricate where necessary.

3.06 ADJUSTING

A. Gates: Adjust gates to operate smoothly, easily, and quietly, free of binding, warp, excessive deflection, distortion, nonalignment, misplacement, disruption, or malfunction, throughout entire operational range. Confirm that latches and locks engage accurately and securely without forcing or binding. Lubricate hardware and other moving parts.

END OF SECTION

2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: HUNT HS - ATHLETICS RENOVATION
Address: 4559 Lamm Rd, Wilson, NC 27893
Proposed Use:
Owner / Authorized Agent: GREG WOODARD, WILSON CS Phone #: 252.230.0610 Email: GREG.WOODARD@WILSONSCHOOLSNC.NET
Owned By: ■ City/County ☐ Private ☐ State
Code Enforcement Jurisdiction: ☐ City ■ County WILSON COUNTY ☐ State

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	PHONE	EMAIL
Architectural	CPL	CHRIS COLBY	NC# 13805	802.293.1029	CCOLBY@CPLTEAM.COM
Civil	FITFIELDS	DAN DODD	NC# 1589	804.981.4330	DAN@FITFIELDS.COM
Electrical	CPL	MICHAEL RANIERI	NC #020216	336.232.5725	MRANIERI@CPLTEAM.COM
Fire Alarm	-	-	-	-	-
Plumbing	CPL	MICHAEL PENA	NC #052834	336.232.5709	MPENA@CPLTEAM.COM
Mechanical	-	-	-	-	-
Fire Protection	-	-	-	-	-
Structural	-	-	-	-	-
Retaining Walls	-	-	-	-	-
Other	CPL	GRAHAM BOYD	NC# 13612	919.645.9016	GBOYD@CPLTEAM.COM

2018 NC BUILDING CODE:
☐ New Building ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE:
☐ Prescriptive ☐ Repair ☐ Chapter 14
■ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use

CONSTRUCTED: 1978 **CURRENT OCCUPANCY: (Ch. 3)** EDUCATION (GROUP E)
RENOVATED: **PROPOSED OCCUPANCY: (Ch. 3)** EDUCATION (GROUP E)

RISK CATEGORY: (TABLE 1604.5) Current: ☐ I ■ II ☐ III ☐ IV
Proposed: ☐ I ■ II ☐ III ☐ IV

BASIC BUILDING DATA:
Construction Type: (check all that apply) ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A ☐ I-B ☐ II-B ■ III-B ☐ V-B

Sprinklers: ☐ Yes ☐ Partial ■ No ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

Standpipes: ☐ Yes ■ No **Class:** ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Fire District: ☐ Yes ■ No **Flood Hazard Area:** ☐ Yes ■ No

Special Inspections Required: ☐ Yes ☐ No
Contact the local inspection jurisdiction for additional procedures and requirements

GROSS BUILDING AREA TABLE

FLOOR	EXISTING TO REMAIN (SQ FT)	NEW (SQ FT)	RENOVATION (SQ FT)	SUB TOTAL
CONCESSIONS BUILDING	753 SF	0 SF	753 SF	753 SF
RESTROOM BUILDING	1473 SF	0 SF	1473 SF	1473 SF
TOTALS	**2226 SF**	**0 SF**	**2226 SF**	**2226 SF**

ALLOWABLE AREA
Primary Occupancy Classification(s):
Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
Business ☐
Educational ■
Factory ☐ F-1 Moderate ☐ F-2 Low
Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
Institutional ☐ I-1 ☐ 2
☐ I-2 ☐ 1 ☐ 2
☐ I-3 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
Mercantile ☐
Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
Storage ☐ S-1 Moderate ☐ S-2 Low ☐ High-piled
☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
Utility & Miscellaneous ☐

Accessory Occupancy Classifications:
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions: (Chapter 5 - List Code Sections):
Mixed Occupancy: ☐ Yes ■ No Separation: _____ Exception: _____

☐ Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building, the most restrictive type of construction, so determined, shall apply to the entire building.

☐ Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2[4] AREA	(C) AREA FOR FRONTAGE INCREASE[1,5]	(D) ALLOWABLE AREA PER STORY OR UNLIMITED[2,3]
FIRST	RESTROOMS + CONC.	2979 SF	14500 SF	10875 SF	23750 SF

[1] Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = 290 ft (118+172) (F)
b. Total Building Perimeter = 290 ft (P)
c. Ratio (F/P) = 1 (F/P)
d. W= Minimum width of public way = 30 ft (W)
e. Percent of frontage increase $I_f = 100 [F / P - 0.25] \times W / 30 =$ _____ (%)
$I_f = 100 [290 ft / 290 ft - 0.25] \times 30 ft / 30 = .75$ (%)

[2] Unlimited area applicable under conditions of Section 507
[3] Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2)
[4] The maximum area of open parking garages must comply with Table 406.5.4.
[5] Frontage increase is based on the unsprinklered area value in Table 506.2

ALLOWABLE HEIGHT

	ALLOWABLE	EXISTING	CODE REFERENCE
Building Height in Feet (Table 504.3)[2]	55 ft	16 ft	504.3
Building Height in Stories (Table 504.4)[2]	3	1	504.4

[1] Provide code reference if the "Shown na Plans" quantity is not based on Table 504.3 or 504.4
[2] The maximum height of air traffic control towers must comply with Table 412.3.1
[3] The maximum height of open parking garage must comply with Table 406.5.4

EXISTING - NO CHANGE

FIRE PROTECTION REQUIREMENTS
Type

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ _____ REDUCTION)*	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN# FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
Structural Frame, including columns, girders, trusses	-	0	-	-	-	-	-
Bearing Walls	-	2	-	-	-	-	-
Exterior	-	2	-	-	-	-	-
North	-	2	-	-	-	-	-
East	-	2	-	-	-	-	-
West	-	2	-	-	-	-	-
South	-	2	-	-	-	-	-
Interior	-	0	-	-	-	-	-
Nonbearing Walls and Partitions	-	0	-	-	-	-	-
Exterior	-	0	-	-	-	-	-
North	-	0	-	-	-	-	-
East	-	0	-	-	-	-	-
West	-	0	-	-	-	-	-
South	-	0	-	-	-	-	-
Interior walls and partitions	-	0	-	-	-	-	-
Floor Construction Including supporting beams and joists	-	0	-	-	-	-	-
Floor Ceiling Assembly	-	0	-	-	-	-	-
Columns Supporting Floors	-	0	-	-	-	-	-
Roof Construction Including supporting beams and joists	-	0	-	-	-	-	-
Roof Ceiling Assembly	-	0	-	-	-	-	-
Columns Supporting Roofs	-	0	-	-	-	-	-
Shaft Enclosures - Exit	-	0	-	-	-	-	-
Shaft Enclosures - Other	-	0	-	-	-	-	-
Corridor Separation	-	0	-	-	-	-	-
Occupancy/Fire Barrier Separation	-	0	-	-	-	-	-
Party/Fire Wall Separation	-	0	-	-	-	-	-
Smoke Barrier Separation	-	0	-	-	-	-	-
Smoke Partition	-	0	-	-	-	-	-
Tenant/Dwelling Unit/ Sleeping Unit Separation	-	0	-	-	-	-	-
Incidental Use Separation	-	0	-	-	-	-	-

*Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
-	-	-	-
-	-	-	-
-	-	-	-

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: ☐ Yes ■ No
Exit Signs: ☐ Yes ■ No
Fire Alarm: ☐ Yes ■ No
Smoke Detection Systems: ■ Yes ☐ No ☐ Partial
Carbon Monoxide Detection: ■ Yes ☐ No

LIFE SAFETY PLAN REQUIREMENTS
Life Safety Plan Sheet #:

■ Fire and/or smoke rated wall locations (Chapter 7)
■ Assumed and real property line locations (if not on the site plan)
■ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distance (1017)
■ Common path of travel distance (Tables 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation and supporting construction for a fire barrier/fire partition/smoke barrier.
☐ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors equipped with hold-open devices
☐ Location of emergency escape windows (1030)
☐ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

Section/Table/Note	Title
-	-
-	-
-	-
-	-
-	-
-	-

ACCESSIBLE DWELLING UNITS
(SECTION 1107)

NOT APPLICABLE

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED
-	-	-	-	-	-	-	-

ACCESSIBLE PARKING
(SECTION 1106)

EXISTING - NO CHANGE

LOT OR PARKING AREA	TOTAL # OF PARKING SPACE REQUIRED	TOTAL # OF PARKING SPACE PROVIDED	# OF ACCESSIBLE SPACES REQUIRED	# OF ACCESSIBLE SPACES PROVIDED WITH 132" ACCESS AISLE	# OF ACCESSIBLE SPACES PROVIDED WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
LOT 1	0	0	0	0	0	0
LOT 2	0	0	0	0	0	0
LOT3	0	0	0	0	0	0
LOT 4	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE		WATER CLOSETS MALE	WATER CLOSETS FEMALE	WATER CLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS /TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
RESTROOMS	EXIST'G	5	5	-	5	3	3	-	-	-	-
	NEW	0	0	-	0	0	0	-	-	-	-
	REQ'D	5	5	-	-	3	3	-	-	-	-

SPECIAL APPROVALS
Special approval: (Location Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
NCDPI

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the **North Carolina Energy Conservation Code** shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ No ☐ Yes (The remainder of this section is not applicable)
Exempt Building: ☐ No ☐ Yes (Provide code or statutory reference): -
Climate Zone: ☐ 3A ☐ 4A ☐ 5A
Method of Compliance: Energy Code ☐ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive
(If "Other" specify source here) -

EXISTING - NO CHANGE

THERMAL ENVELOPE: (Prescriptive method only)
Roof/ceiling Assembly (each assembly)
Description of assembly: -
U-Value of total assembly: -
R-Value of insulation: -
Skylights in each assembly: -
U-Value of skylight: -
Total square footage of skylights in each assembly: -

Exterior Walls (each assembly)
Description of assembly: -
U-Value of total assembly: -
R-Value of insulation: -
Openings (windows or doors with glazing
U-Value of total assembly:
Solar heat gain coefficient: -
Projection factor: -
Door R-Values: -

Walls below grade (each assembly)
Description of assembly: -
U-Value of total assembly: -
R-Value of insulation: -

Floors over unconditioned space (each assembly)
Description of assembly: -
U-Value of total assembly: -
R-Value of insulation: -

Floors slab on grade
Description of assembly: -
U-Value of total assembly: -
R-Value of insulation: -
Horizontal/vertical requirement: -
Slab heated: -

EXISTING - NO CHANGE

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

STRUCTURAL DESIGN
NO STRUCTURAL WORK ON THIS PROJECT

EXISTING - NO CHANGE

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECH

MECHANICAL SUMMARY
SEE MECHANICAL SHEETS FOR CODE SUMMARY

EXISTING - NO CHANGE

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ELECTRICAL DESIGN
SEE ELECTRICAL SHEETS FOR CODE SUMMARY

EXISTING - NO CHANGE

CPL
CPL Architects and Engineers, P.C.
REGISTERED ARCHITECTURAL CORPORATION
51301
NORTH CAROLINA
Charlotte, North Carolina

PROJECT INFORMATION
Project Number
R22.16900.00
Client Name
WILSON COUNTY SCHOOLS
Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL
Project Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/16/23	ADDENDUM 1

SHEET INFORMATION
Issued: 09.15.2023
Scale:
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: EG
Checked By: GB
Drawing Title
NORTH CAROLINA - 2018 APPENDIX B - BUILDING CODE SUMMARY
Drawing Number
G001

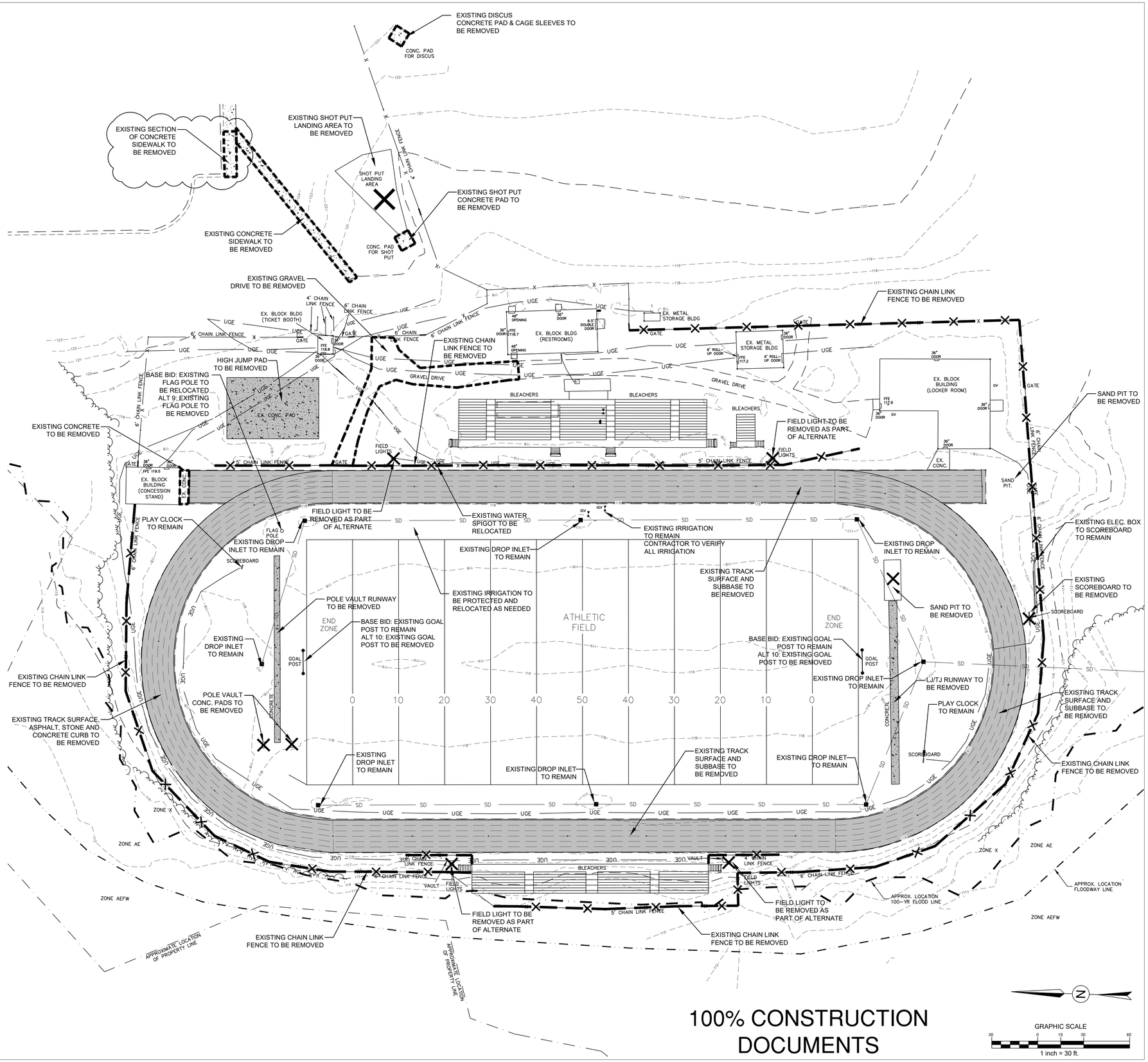
S:\Projects\Wilson CS\Hunt HS Athletic Reno\D Design\04 CAD\Revit\Central
10/16/2023 4:01:19 PM

DEMOLITION NOTES:

1. ALL PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING UNLESS OTHERWISE SPECIFICALLY EXEMPTED BY THESE PLANS.
2. DEMOLITION DEBRIS, EXCEPT AS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ALL DEBRIS SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR IN A LEGAL LANDFILL IN A TIMELY MANNER. NO SALVAGE OR SALE OF DEMOLISHED MATERIALS ON SITE WILL BE ALLOWED WITHOUT PERMISSION FROM THE OWNER.
3. REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER. (PERMIT REQUIRED FOR OFF-SITE DISPOSAL)
4. LOCATE EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION OPERATION.
5. SHOULD UNCHARTED, OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING DEMOLITION, CONSULT LANDSCAPE ARCHITECT AND UTILITY OWNER FOR IMMEDIATE ACTION.
6. DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTED "TO BE REMOVED".
7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.
8. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER.
9. CONTRACTOR SHALL MAINTAIN POSITIVE STORM DRAINAGE DURING CONSTRUCTION TO INSURE NO DAMAGE TO ADJACENT PROPERTIES OCCURS DURING STORM EVENTS.
10. CONTRACTOR SHALL COORDINATE STORM DEMOLITION WITH STORM DRAIN IMPROVEMENTS TO MAINTAIN POSITIVE DRAINAGE.
11. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
12. ALL DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS. THE CONTRACTOR MUST COMPLY WITH ALL OF THE CONTRACTOR REGISTRATION REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
13. PRIOR TO THE COMMENCEMENT OF DEMOLITION, THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH ALL UTILITY COMPANIES SERVING THIS AREA. THE CONTRACTOR IS TO COORDINATE FULLY WITH THE UTILITY COMPANIES ON THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DEMOLITION, CONSTRUCTION, AND EXCAVATION.
14. ALL PROPOSED PAVEMENT CUTS SHALL BE SAW CUT ONLY.
15. CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS ADVANCE NOTICE TO THE OWNER PRIOR TO STARTING DEMOLITION ACTIVITIES.
16. CONTRACTOR SHALL VERIFY AND PROTECT ALL PUBLIC UTILITIES. ANY WORK ASSOCIATED WITH SAID UTILITIES TO BE COORDINATED WITH APPROPRIATE UTILITY COMPANY. DEMOLITION OF UTILITIES WHICH ARE ACTIVE SHALL BE SEQUENCED TO ALLOW FOR INSTALLATION OF NEW OR REROUTED LINES, PRIOR TO REMOVAL OF EXISTING PORTION.
17. THE CONTRACTOR SHALL IMMEDIATELY REPORT TO THE OWNER AND ENGINEER ANY DISCREPANCIES FOUND BETWEEN ACTUAL FIELD CONDITIONS AND CONSTRUCTION DOCUMENTS AND SHALL WAIT FOR INSTRUCTIONS PRIOR TO PROCEEDING.
18. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATORY AUTHORITIES AND SHALL BE THOROUGHLY FAMILIAR WITH CONDITIONS OF SAID PERMITS AND INSPECTION REQUIREMENTS.
19. THE CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.
21. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC ARE PROTECTED FROM INJURY.
22. ENGINEER SHALL NOT BE IN CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR ACTUAL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK, OR FOR THE ACTS OR OMISSIONS OF CONTRACTORS OR ANY OTHER PERSONS NOT UNDER THE EMPLOYMENT OF ENGINEER.
23. SHOULD THE CONTRACTOR ENCOUNTER ANY ADDITIONAL ITEMS THAT MAY REQUIRE DEMOLITION (FENCES, GUARD RAIL, ETC.) - THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR FURTHER DIRECTION.

LEGEND

- EXISTING TRACK SURFACE AND BASE PAVEMENT TO BE REMOVED
- EXISTING PAVEMENT AREA TO BE REMOVED.
- EXISTING STRUCTURE TO BE REMOVED.
- EXISTING CHAIN LINK FENCE TO BE REMOVED.



North Carolina 811 www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.

100% CONSTRUCTION DOCUMENTS

CPL | Architecture Engineering Planning
1620 Hillsborough Street Suite A,
Raleigh, NC 27605
CPLteam.com

ROPER CIVIL ENGINEERING
3007 Hinsdale St.
Charlotte, NC 28210
(T) 704.582.3751

PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No	Date	Description
1	10/16/23	ADDENDUM #1

NORTH CAROLINA PROFESSIONAL SEAL 24914 ENGINEER MATTHEW RAPER 8-28-23

ROPER CIVIL ENGINEERING CORPORATE SEAL P-1266 NORTH CAROLINA

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, AND THE COMMISSIONER'S REGULATIONS, FOR ANY PERSON, UNLESS HE OR SHE IS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
8/28/23	1" = 30'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
BG	MR

Drawing Title
Demolition Plan

Drawing Number
C103

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING

2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION

3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND

4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.

5. ALL CONTOURS AND SPOT ELEVATIONS TO REFLECT FINISHED GRADE

6. ALL FILL FOR HARDSCAPE TO BE COMPACTED TO ASTM 95% COMPACTION UNLESS OTHERWISE DIRECTED.

7. ALL FILL FOR LANDSCAPE AREA TO BE COMPACTED TO ASTM 85% COMPACTION UNLESS OTHERWISE DIRECTED.

8. CONTRACTOR TO VERIFY POSITIVE DRAINAGE AND ADA ACCESSIBILITY ON ALL HARDSCAPE

9. ALL HARDSCAPE PEDESTRIAN AREAS NOT TO EXCEED A 2% CROSS SLOPE

10. SURVEY BENCHMARK TO BE VERIFIED BEFORE GRADING BEGINS

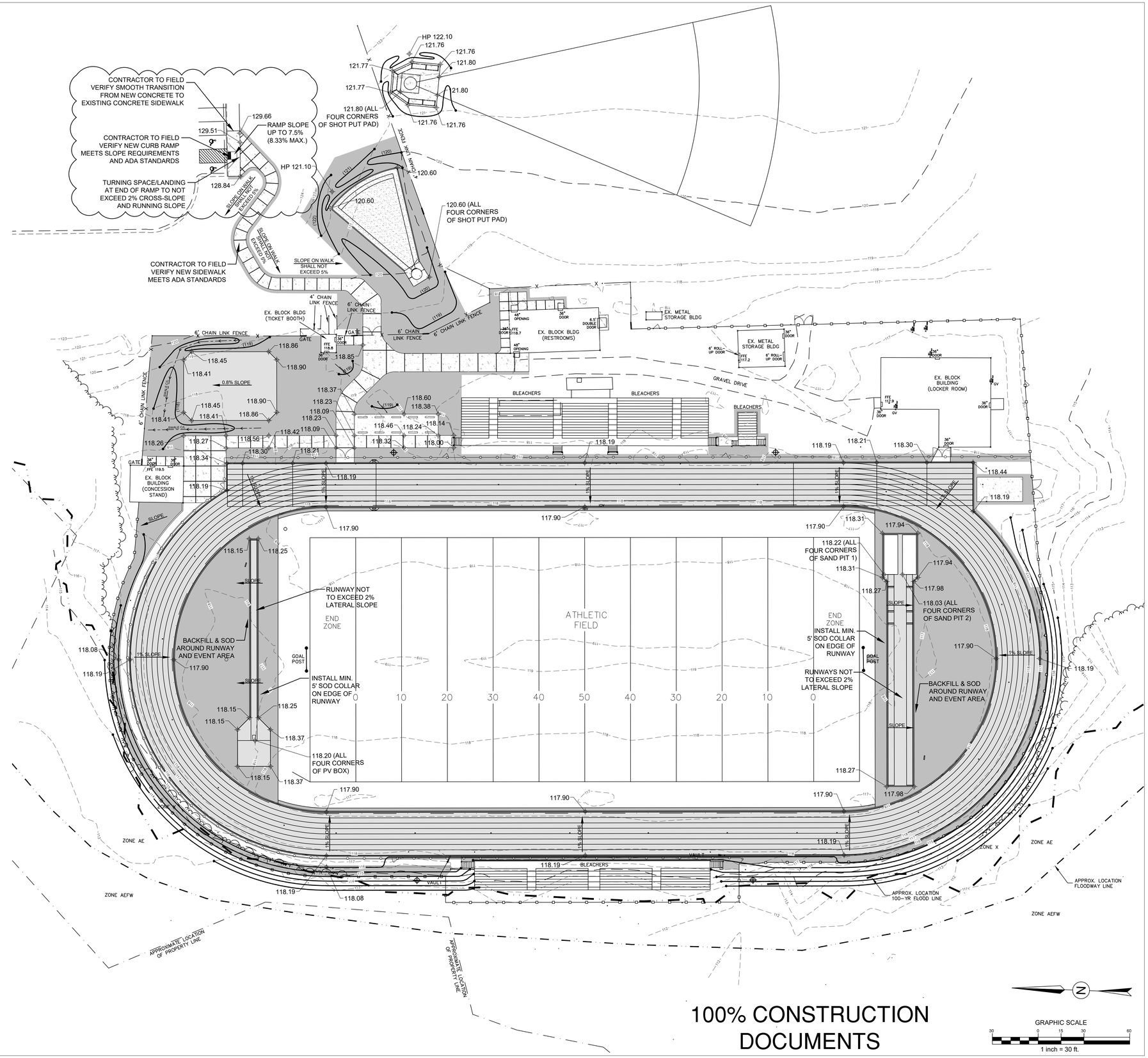
11. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL TRACK GRADES FOR NFHS COMPLIANCE.

SURFACING LEGEND

- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SHOT PUT THROW AREA
- PROPOSED SOD AREA

LEGEND

- SLOPE — SLOPE DIRECTION
- (118) — PROPOSED 1' CONTOUR
- 118.0 — EXISTING 1' CONTOUR
- 118.45 — PROPOSED SPOT ELEVATION
- TC — TOP OF CURB
- BC — BOTTOM OF CURB
- PROPOSED FENCE (4' HT.)
- PROPOSED FENCE (6' HT.)
- PROPOSED LIGHT POLE
- x — EXISTING CHAIN LINK FENCE
- EXISTING TREELINE



100% CONSTRUCTION DOCUMENTS

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

North Carolina 811 www.nc811.org

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PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No	Date	Description
1	10/16/23	ADDENDUM #1

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DANIEL E. DODD

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
8/28/23	1" = 30'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
BG	DD

Drawing Title
Grading Plan

Drawing Number
C300

GENERAL CONSTRUCTION NOTES:

1. CONTRACTOR SHALL CALL NC 811 BEFORE DIGGING

2. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE UNTIL PROJECT COMPLETION AND FINAL STABILIZATION

3. ALL CONTRACTORS TO HAVE APPROPRIATE BUSINESS LICENSES FOR WORK AT HAND

4. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.

5. ALL CONTOURS AND SPOT ELEVATIONS TO REFLECT FINISHED GRADE

6. ALL FILL FOR HARDSCAPE TO BE COMPACTED TO ASTM 95% COMPACTION UNLESS OTHERWISE DIRECTED.

7. ALL FILL FOR LANDSCAPE AREA TO BE COMPACTED TO ASTM 85% COMPACTION UNLESS OTHERWISE DIRECTED.

8. CONTRACTOR TO VERIFY POSITIVE DRAINAGE AND ADA ACCESSIBILITY ON ALL HARDSCAPE

9. ALL HARDSCAPE PEDESTRIAN AREAS NOT TO EXCEED A 2% CROSS SLOPE

10. SURVEY BENCHMARK TO BE VERIFIED BEFORE GRADING BEGINS

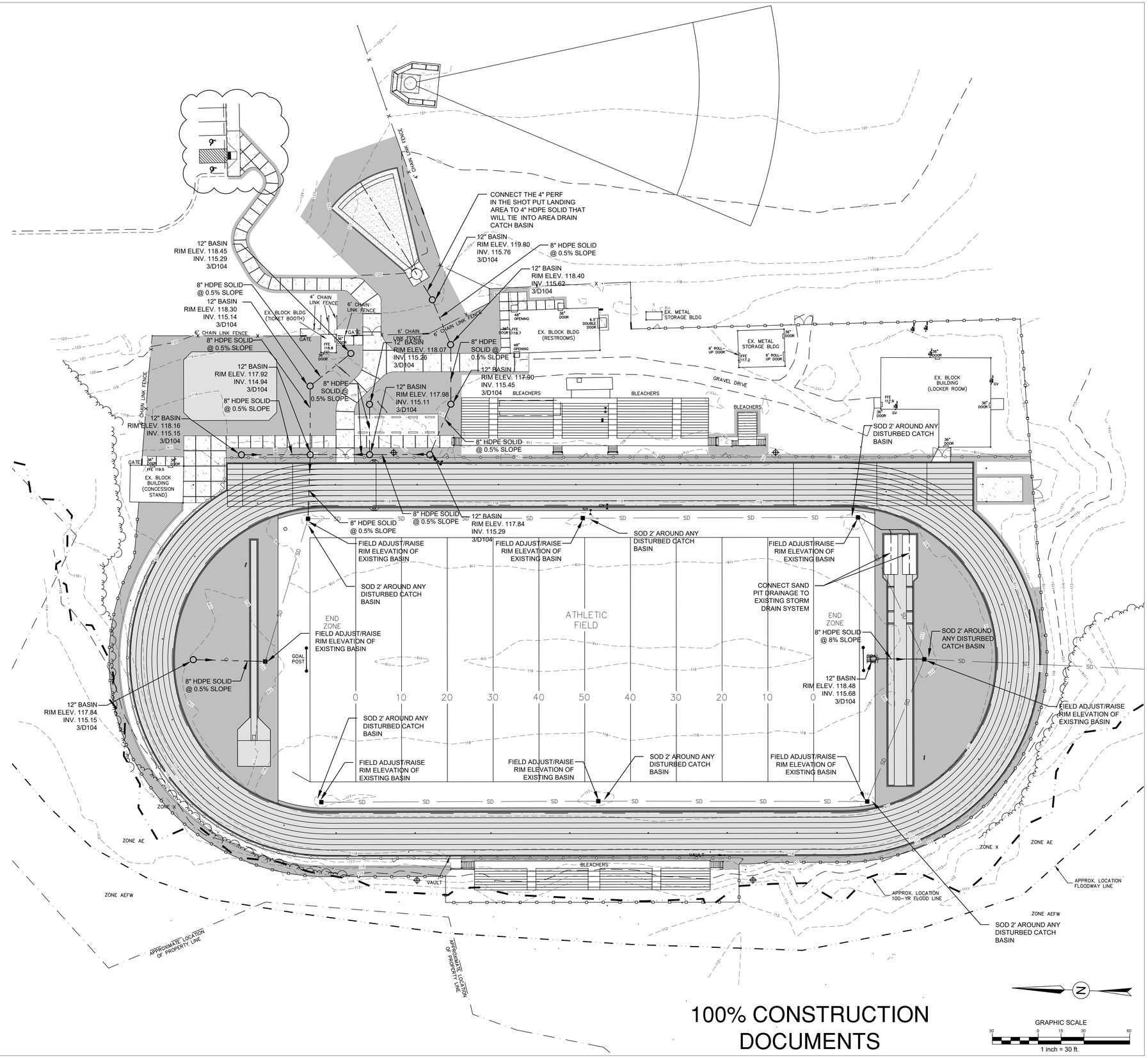
11. CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL TRACK GRADES FOR NFHS COMPLIANCE.

SURFACING LEGEND

- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SHOT PUT THROW AREA
- PROPOSED SOD AREA

LEGEND

- PROPOSED DRAIN BASIN
- PROPOSED COLLECTOR PIPE
- PROPOSED FENCE (4' HT.)
- PROPOSED FENCE (6' HT.)
- PROPOSED LIGHT POLE
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- EXISTING STORM DRAIN
- EXISTING CHAIN LINK FENCE
- EXISTING TREELINE



100% CONSTRUCTION DOCUMENTS

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

North Carolina 811 www.nc811.org

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PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No	Date	Description
1	10/16/23	ADDENDUM #1

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589

SHEET INFORMATION

Issued	Scale
8/28/23	1" = 30'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
BG	DD

Drawing Title
Drawing Plan

Drawing Number
C301

LAYOUT NOTES:

1. ALL IMPROVEMENTS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF WILSON, NC, AND STATE OF NORTH CAROLINA STANDARDS.

2. SHOULD ANY DISCREPANCIES BE FOUND IN THE FIELD THE CONTRACTOR SHALL CONTACT THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.

3. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

4. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATORY AUTHORITIES.

5. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.

6. THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UTILITIES MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING

7. ELECTRICAL, TELEPHONE, AND CABLE LINES AND POLES TO BE ELIMINATED OR RELOCATED, SHALL BE COORDINATED WITH COUNTY OF WILSON AND ASSOCIATED UTILITY PROVIDERS.

8. DO NOT SCALE DRAWING FOR ACTUAL DIMENSIONS AS IT IS A REPRODUCTION AND IS SUBJECT TO DISTORTION.

9. CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND CLEAN MANNER.

10. STAKE LAYOUT PRIOR TO CONSTRUCTION. VERIFY LOCATIONS WITH LANDSCAPE ARCHITECT OR OWNER

CONSTRUCTION NOTES

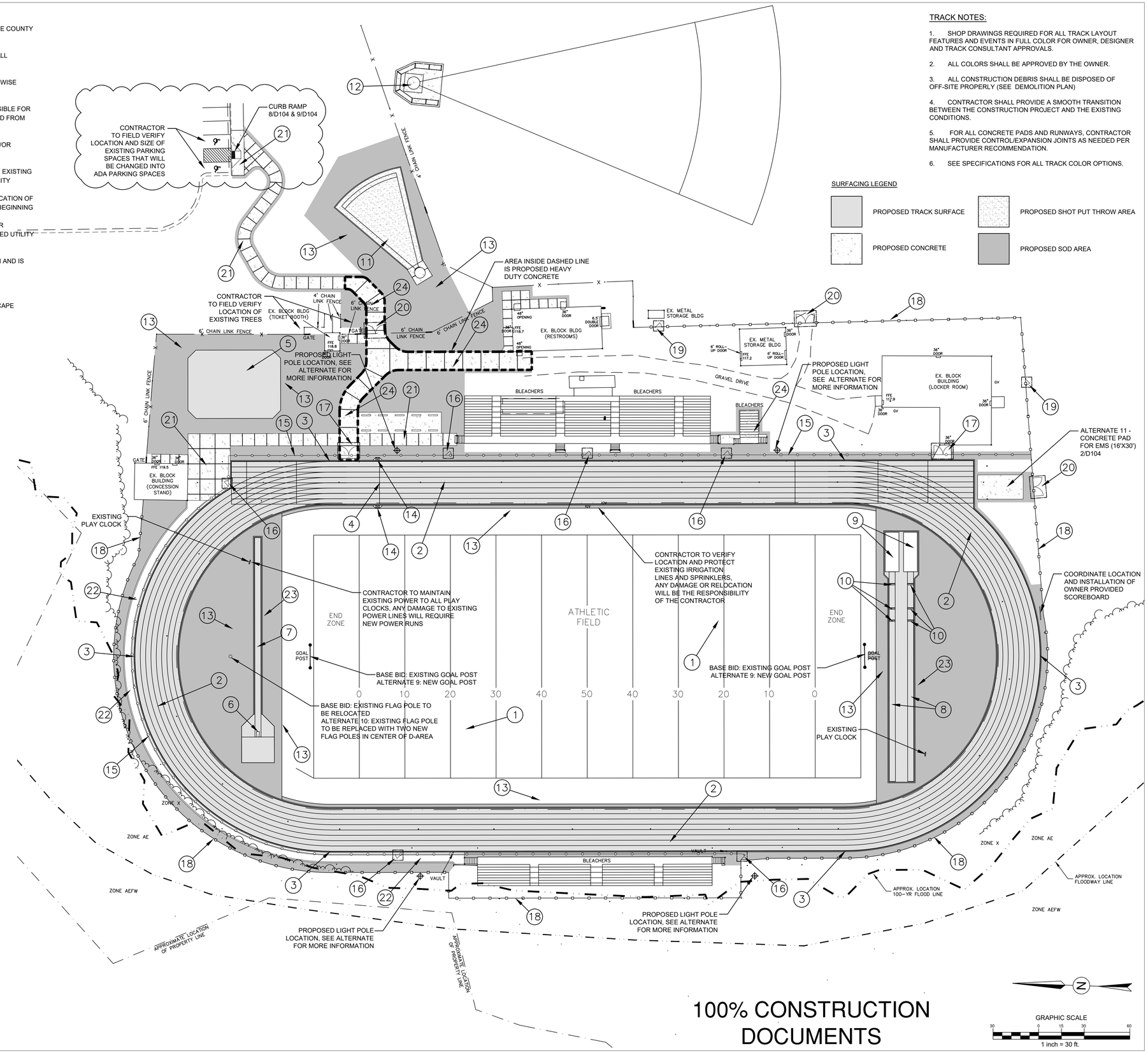
1. EXISTING GRASS FIELD.
2. NEW TRACK SYNTHETIC SURFACE WITH 8 X 42" LANES AND A 100.932' RADIUS. CONSTRUCT PER DETAIL SHEET D100. ALL TRACK LINE MARKINGS MUST MEET THE SPECIFICATIONS.
3. CONSTRUCT RADIUS POINT PER DETAIL 4/D100.
4. COMMON FINISH LINE.
5. CONSTRUCT HIGH JUMP AREA PER DETAIL 5/D102 (NO PAINTED LINES).
6. CONSTRUCT POLE VAULT BOX PER DETAILS 3/D101 AND 5/D101.
7. CONSTRUCT POLE VAULT RUNWAY PER DETAIL 6/D101.
8. CONSTRUCT LONG/TRIPLE JUMP RUNWAYS PER DETAIL 1/D101.
9. CONSTRUCT SAND PIT PER DETAILS 2/D101 AND 4/D101.
10. PAINTED LINES FOR LONG JUMP AND TRIPLE JUMP.
11. CONSTRUCT SHOT PUT PAD AND THROW AREA PER DETAILS ON SHEET D102. CONTRACTOR TO FIELD VERIFY EXACT LOCATION WITH DESIGNER PRIOR TO CONSTRUCTION.
12. CONSTRUCT DISCUS PER DETAILS ON SHEET D103.
13. BACKFILL AND SOD ALL DISTURBED AREAS WITH BERMUDA 419 SOD OR APPROVED EQUAL. VARIETY OF SOD TO BE APPROVED BY LANDSCAPE ARCHITECT.
14. CONSTRUCT COMM. BOXES PER DETAIL 6/D102.
15. ALTERNATE 5 - PERIMETER 4' HT. CHAIN LINK FENCE AROUND TRACK. INSTALLED PER DETAIL 4/D103.
16. ALTERNATE 5 - CHAIN LINK FENCE (4' HT.) SINGLE SWING GATE (4' WIDE) PER DETAIL 5/D103.
17. ALTERNATE 5 - CHAIN LINK FENCE (4' HT.) DOUBLE SWING GATE (12' WIDE) PER DETAIL 6/D103.
18. ALTERNATE 6 - 6' HT. CHAIN LINK FENCE AROUND STADIUM. INSTALLED PER DETAIL 5/D104.
19. ALTERNATE 6 - CHAIN LINK FENCE (6' HT.) SINGLE SWING GATE (4' WIDE) PER DETAIL 7/D104
20. ALTERNATE 6 - CHAIN LINK FENCE (6' HT.) DOUBLE SWING GATE (12' WIDE) PER DETAIL 6/D104
21. CONCRETE SIDEWALK PER DETAIL 1/D104. CONTRACTOR TO MAINTAIN SLOPE NO GREATER THAN 1:20 FOR SIDEWALK.
22. BASE BID - GRAVEL TRAIL OUTSIDE 4' HT. CHAIN LINK FENCE PER DETAIL 5/D100. ALTERNATE 12 - CONCRETE SIDEWALK OUTSIDE 4' HT. CHAIN LINK FENCE PER DETAIL 6/D100.
23. AROUND THE RUNWAYS TO HAVE A 5' MIN. SOD COLLAR.
24. HEAVY DUTY CONCRETE SIDEWALK/PAD PER DETAIL 2/D104.

LEGEND

- PROPOSED FENCE (4' HT.)
- PROPOSED FENCE (6' HT.)
- PROPOSED LIGHT POLE
- PROPOSED GATE LOCATION
- EXISTING CHAIN LINK FENCE
- EXISTING TREELINE

North Carolina 811 www.nc811.org

CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) OR (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES INDEPENDENT OF "NORTH CAROLINA ONE CALL". REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.



TRACK NOTES:

1. SHOP DRAWINGS REQUIRED FOR ALL TRACK LAYOUT FEATURES AND EVENTS IN FULL COLOR FOR OWNER, DESIGNER AND TRACK CONSULTANT APPROVALS.
2. ALL COLORS SHALL BE APPROVED BY THE OWNER.
3. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF OFF-SITE PROPERLY (SEE DEMOLITION PLAN)
4. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN THE CONSTRUCTION PROJECT AND THE EXISTING CONDITIONS.
5. FOR ALL CONCRETE PADS AND RUNWAYS, CONTRACTOR SHALL PROVIDE CONTROL/EXPANSION JOINTS AS NEEDED PER MANUFACTURER RECOMMENDATION.
6. SEE SPECIFICATIONS FOR ALL TRACK COLOR OPTIONS.

SURFACING LEGEND

- PROPOSED TRACK SURFACE
- PROPOSED SHOT PUT THROW AREA
- PROPOSED CONCRETE
- PROPOSED SOD AREA

100% CONSTRUCTION DOCUMENTS

GRAPHIC SCALE
30 0 15 30 60
1 inch = 30 ft.

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PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd. Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No	Date	Description
1	10/16/23	ADDENDUM #1

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT No. 1589 DAN ELLIS GODDETTE

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
8/28/23	1" = 30'-0"

Project Status
CONSTRUCTION DOCUMENTS

Drawn By	Checked By
BG	DD

Drawing Title
Layout Plan

Drawing Number
L100

LAYOUT NOTES:

1. ALL IMPROVEMENTS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF WILSON, NC, AND STATE OF NORTH CAROLINA STANDARDS.

2. SHOULD ANY DISCREPANCIES BE FOUND IN THE FIELD THE CONTRACTOR SHALL CONTACT THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO PROCEEDING.

3. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

4. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REGULATORY AUTHORITIES.

5. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE THE CONSTRUCTION LIMITS.

6. THE CONTRACTOR IS CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UTILITIES MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING

7. ELECTRICAL, TELEPHONE, AND CABLE LINES AND POLES TO BE ELIMINATED OR RELOCATED, SHALL BE COORDINATED WITH COUNTY OF WILSON AND ASSOCIATED UTILITY PROVIDERS.

8. DO NOT SCALE DRAWING FOR ACTUAL DIMENSIONS AS IT IS A REPRODUCTION AND IS SUBJECT TO DISTORTION.

9. CONTRACTOR SHALL MAINTAIN THE SITE IN A SAFE AND CLEAN MANNER.

10. STAKE LAYOUT PRIOR TO CONSTRUCTION. VERIFY LOCATIONS WITH LANDSCAPE ARCHITECT OR OWNER

DIMENSION NOTES:

1. ALL DIMENSIONS ARE IN DECIMAL FEET.

2. LONG/TRIPLE JUMP SAND PIT DIMENSIONS ARE TO THE CENTER LEADING EDGE OF THE PIT.

3. POLE VAULT BOX DIMENSIONS ARE TO CENTER OF BACK EDGE OF THE VAULT BOX.

4. RADIUS POINT DIMENSIONS ARE TO CENTER OF THE POINT.

5. THROWING CIRCLE DIMENSIONS ARE TO CENTER OF THE CIRCLE.

6. THROWING CIRCLE ANGLES ARE TO RADIAL/CENTER LINES.

7. ALL OTHER DIMENSIONS ARE TO FACE OF CONCRETE.

8. REFER TO TRACK LAYOUT PLAN FOR PROPOSED SURFACES AND ADDITIONAL CALL OUTS.

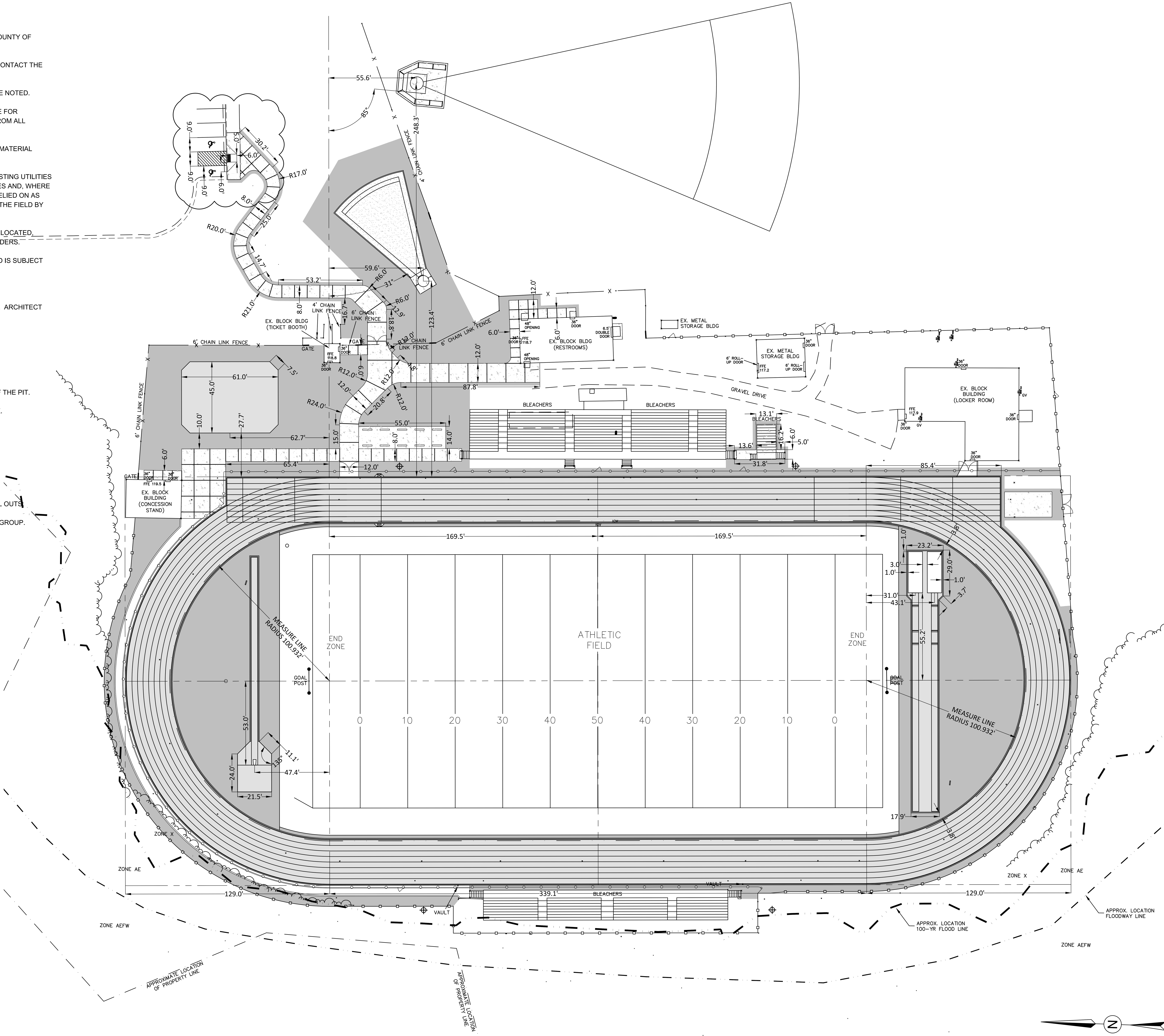
9. ALL RADIUS POINTS AND TRACK DIMENSIONS TO BE APPROVED BY PAIGE DESIGN GROUP.

SURFACING LEGEND

- PROPOSED TRACK SURFACE
- PROPOSED CONCRETE
- PROPOSED SHOT PUT THROW AREA
- PROPOSED SOD AREA

LEGEND

- PROPOSED FENCE (4' HT.)
- PROPOSED FENCE (6' HT.)
- PROPOSED LIGHT POLE
- EXISTING CHAIN LINK FENCE
- EXISTING TREELINE



North Carolina 811
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100% CONSTRUCTION DOCUMENTS

GRAPHIC SCALE
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PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd. Wilson, NC 27893

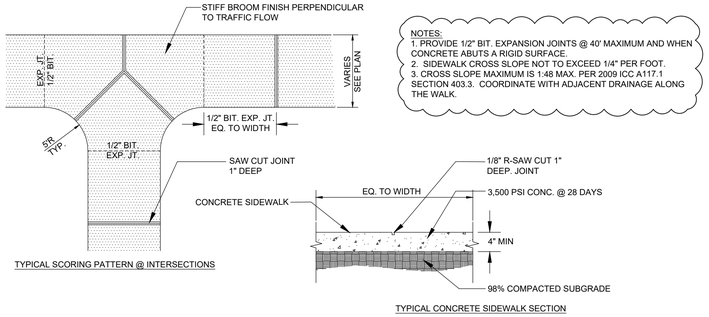
PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/16/23	ADDENDUM #1

NORTH CAROLINA LANDSCAPE ARCHITECT No. 1589 DANIEL D. DODD 8.28.23

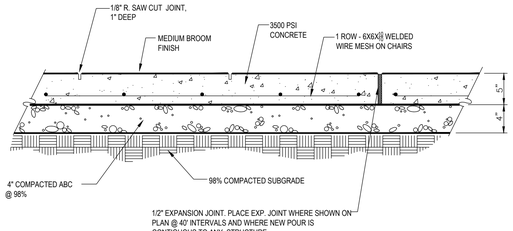
SHEET INFORMATION

Issued: 8/28/23
Scale: 1" = 30'-0"
Project Status: CONSTRUCTION DOCUMENTS
Drawn By: BG
Checked By: DD
Drawing Title: Dimension Plan
Drawing Number: L101



NOTES:
1. PROVIDE 1/2" BIT. EXPANSION JOINTS @ 40' MAXIMUM AND WHEN CONCRETE ABUTS A RIGID SURFACE.
2. SIDEWALK CROSS SLOPE NOT TO EXCEED 1/4" PER FOOT.
3. CROSS SLOPE MAXIMUM IS 1:48 MAX. PER 2009 ICC A117.1 SECTION 403.3. COORDINATE WITH ADJACENT DRAINAGE ALONG THE WALK.

1 CONCRETE SIDEWALK
NOT TO SCALE

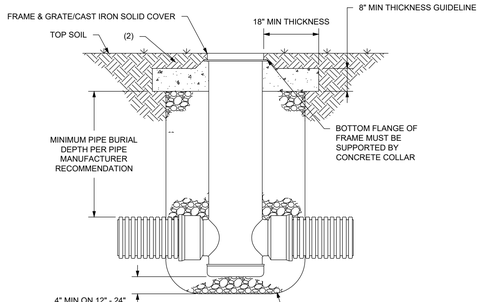


TYPICAL SECTION

NOTE

1. CONCRETE WILL BE 5" THICK MIN. UNLESS OTHERWISE SPECIFIED BY GEOTECHNICAL ENGINEERS.
2. EXPANSION JOINTS SHALL BE PRE-MOLDED BITUMINOUS IMPREGNATED FIBER BOARD OR APPROVED EQUAL.

2 HEAVY DUTY CONCRETE
NOT TO SCALE

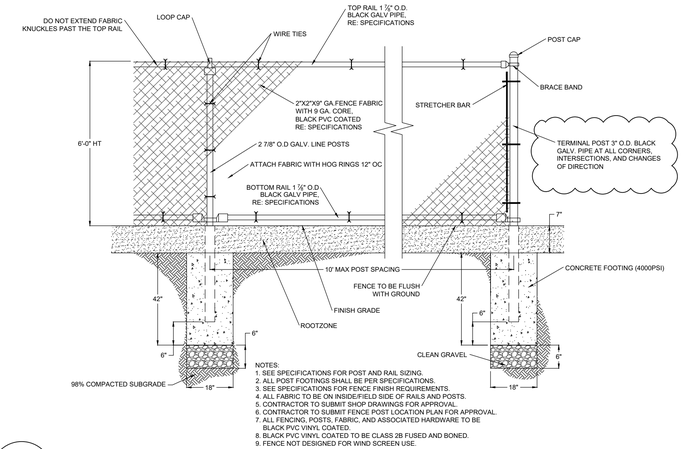


1. GRATES/SOLID COVERS SHALL MEET H-20 LOAD RATING FOR 30" PEDESTRIAN & 12" - 30" STANDARD & SOLID
2. DESIGN SHOULD ACCOUNT FOR ROOT DEPTH TO ALLOW TURF TO GROW AND PREVENT EROSION AROUND GRATE SO THAT HAZARDS DO NOT FORM.

3 DRAIN BASIN
NOT TO SCALE

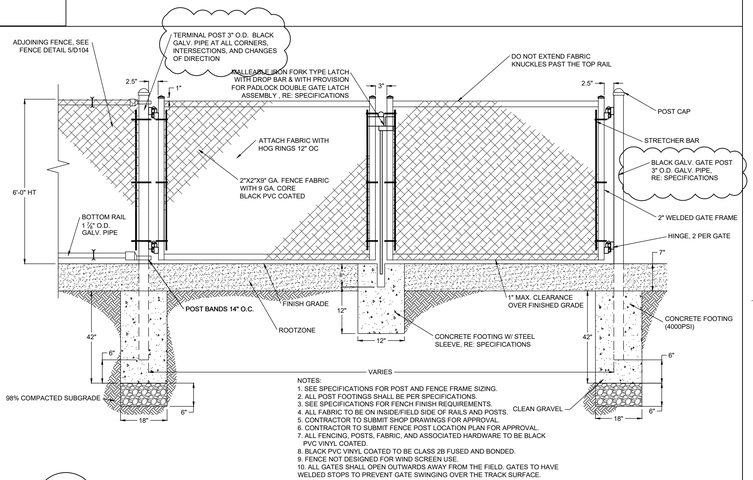
NOTES:
1. BENCH TO BE GLOBAL INDUSTRIAL ITEM # WBB2310949 OR APPROVED EQUAL.
2. BENCH TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

4 6' ALUMINUM BENCH
NOT TO SCALE



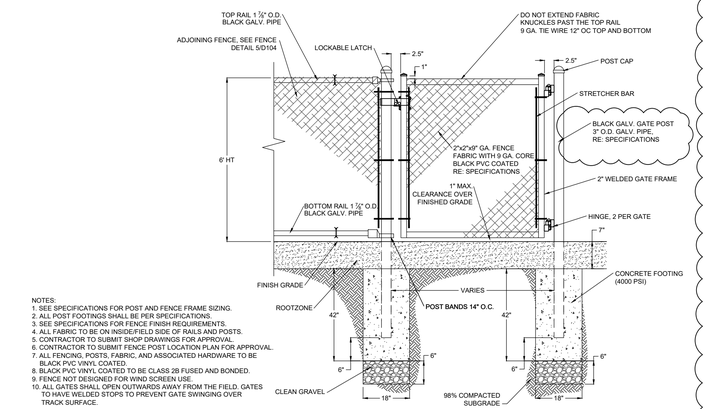
NOTES:
1. SEE SPECIFICATIONS FOR POST AND RAIL SIZING.
2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.
4. ALL FABRIC TO BE ON INSIDE/FIELD SIDE OF RAILS AND POSTS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE TO BE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONED.
9. FENCE NOT DESIGNED FOR WIND SCREEN USE.

5 CHAIN LINK FENCE (6' HT)
NOT TO SCALE



NOTES:
1. SEE SPECIFICATIONS FOR POST AND FENCE FRAME SIZING.
2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCH FINISH REQUIREMENTS.
4. ALL FABRIC TO BE ON INSIDE/FIELD SIDE OF RAILS AND POSTS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE TO BE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONDED.
9. FENCE NOT DESIGNED FOR WIND SCREEN USE.
10. ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE FIELD. GATES TO HAVE WELDED STOPS TO PREVENT GATE SWINGING OVER THE TRACK SURFACE.

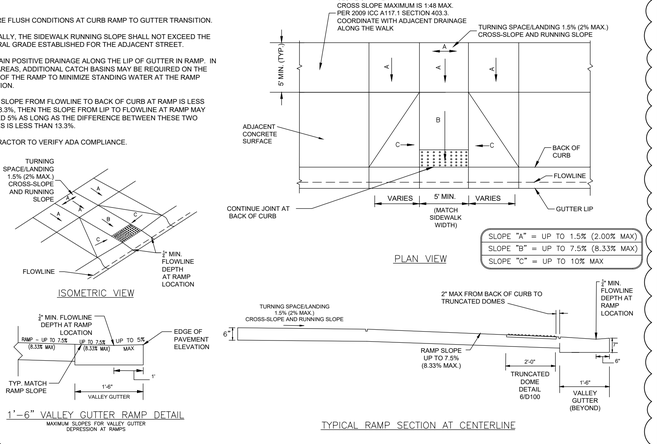
6 CHAIN LINK DOUBLE GATE (6' HT)
NOT TO SCALE



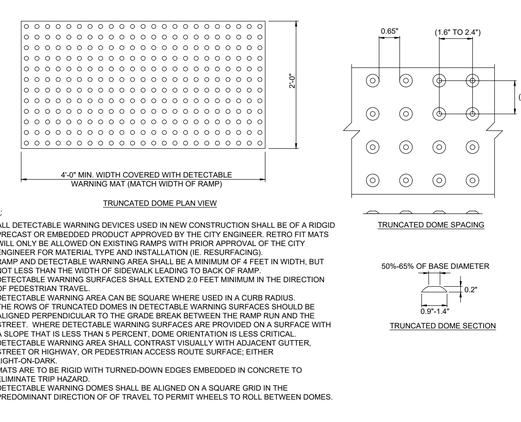
NOTES:
1. SEE SPECIFICATIONS FOR POST AND FENCE FRAME SIZING.
2. ALL POST FOOTINGS SHALL BE PER SPECIFICATIONS.
3. SEE SPECIFICATIONS FOR FENCE FINISH REQUIREMENTS.
4. ALL FABRIC TO BE ON INSIDE/FIELD SIDE OF RAILS AND POSTS.
5. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.
6. CONTRACTOR TO SUBMIT FENCE POST LOCATION PLAN FOR APPROVAL.
7. ALL FENCING, POSTS, FABRIC, AND ASSOCIATED HARDWARE TO BE BLACK PVC VINYL COATED.
8. BLACK PVC VINYL COATED TO BE CLASS 2B FUSED AND BONDED.
9. FENCE NOT DESIGNED FOR WIND SCREEN USE.
10. ALL GATES SHALL OPEN OUTWARDS AWAY FROM THE FIELD. GATES TO HAVE WELDED STOPS TO PREVENT GATE SWINGING OVER THE TRACK SURFACE.

7 CHAIN LINK SINGLE GATE (6' HT.)
NOT TO SCALE

NOTES:
1. ENSURE FLUSH CONDITIONS AT CURB RAMP TO GUTTER TRANSITION.
2. TYPICALLY, THE SIDEWALK RUNNING SLOPE SHALL NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET.
3. MAINTAIN POSITIVE DRAINAGE ALONG THE LIP OF GUTTER IN RAMP. IN FLAT AREAS, ADDITIONAL CATCH BASINS MAY BE REQUIRED ON THE SIDES OF THE RAMP TO MINIMIZE STANDING WATER AT THE RAMP LOCATION.
4. IF THE SLOPE FROM FLOWLINE TO BACK OF CURB AT RAMP IS LESS THAN 8.3%, THEN THE SLOPE FROM LIP TO FLOWLINE AT RAMP MAY EXCEED 5% AS LONG AS THE DIFFERENCE BETWEEN THESE TWO SLOPES IS LESS THAN 13.3%.
5. CONTRACTOR TO VERIFY ADA COMPLIANCE.



8 CURB RAMP
NOT TO SCALE



NOTES:
1. ALL DETECTABLE WARNING DEVICES USED IN NEW CONSTRUCTION SHALL BE OF A RIDGID PRECAST OR EMBEDDED PRODUCT APPROVED BY THE CITY ENGINEER. RETRO FIT MATS WILL ONLY BE ALLOWED ON EXISTING RAMPS WITH PRIOR APPROVAL OF THE CITY ENGINEER FOR MATERIAL TYPE AND INSTALLATION (IE. RESURFACING).
2. RAMP AND DETECTABLE WARNING AREA SHALL BE A MINIMUM OF 4 FEET IN WIDTH, BUT NOT LESS THAN THE WIDTH OF SIDEWALK LEADING TO BACK OF RAMP.
3. DETECTABLE WARNING SURFACES SHALL EXTEND 2.0 FEET MINIMUM IN THE DIRECTION OF PEDESTRIAN TRAVEL.
4. DETECTABLE WARNING AREA CAN BE SQUARE WHERE USED IN A CURB RADIUS.
5. THE ROWS OF TRUNCATED DOMES IN DETECTABLE WARNING SURFACES SHOULD BE ALIGNED PERPENDICULAR TO THE GRADE BREAK BETWEEN THE RAMP RUN AND THE STREET. WHERE DETECTABLE WARNING SURFACES ARE PROVIDED ON A SURFACE WITH A SLOPE THAT IS LESS THAN 5 PERCENT, DOME ORIENTATION IS LESS CRITICAL.
6. DETECTABLE WARNING AREA SHALL CONTRAST VISUALLY WITH ADJACENT GUTTER, STREET OR HIGHWAY, OR PEDESTRIAN ACCESS ROUTE SURFACE; EITHER LIGHT-ON-DARK.
7. MATS ARE TO BE RIGID WITH TURNED-DOWN EDGES EMBEDDED IN CONCRETE TO ELIMINATE TRIP HAZARD.
8. DETECTABLE WARNING DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

9 TRUNCATED DOMES
NOT TO SCALE

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PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

District Office Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No	Date	Description
1	10/16/23	ADDENDUM #1

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM BEING ALTERED, AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued
8/28/23

Scale

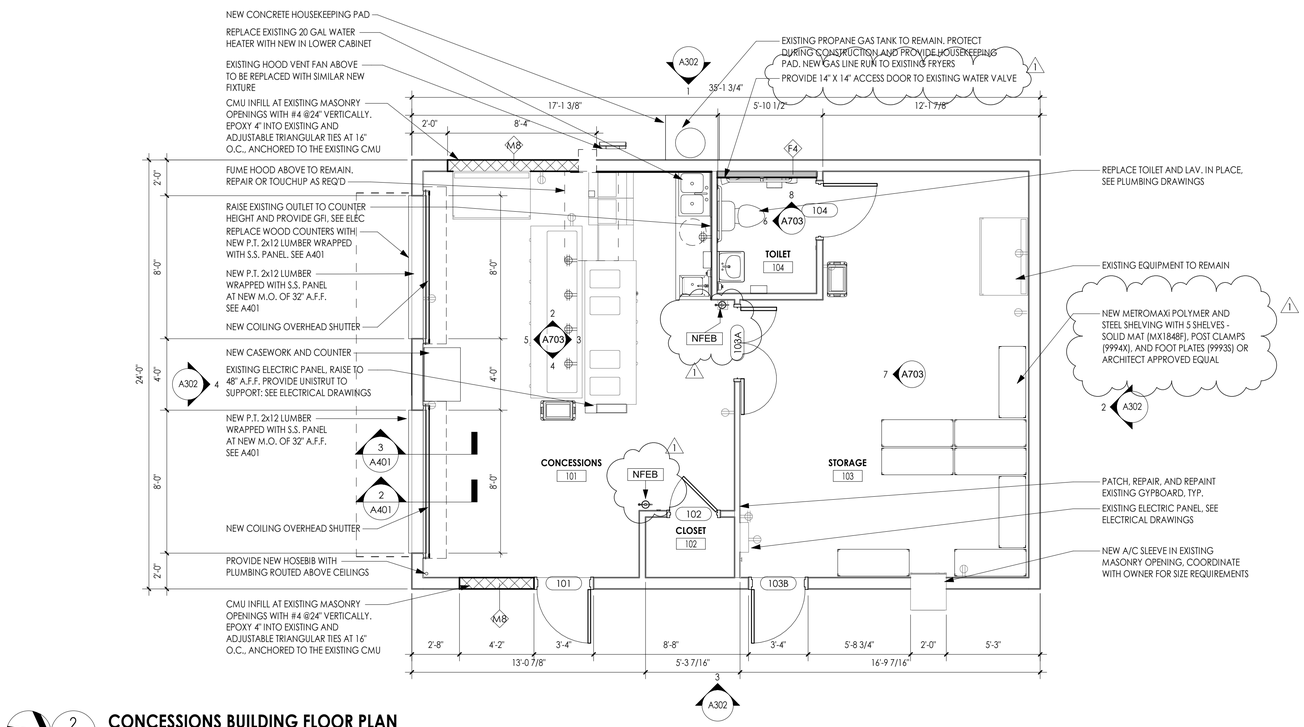
Project Status
CONSTRUCTION DOCUMENTS

Drawn By
BG

Checked By
DD

Drawing Title
DETAILS

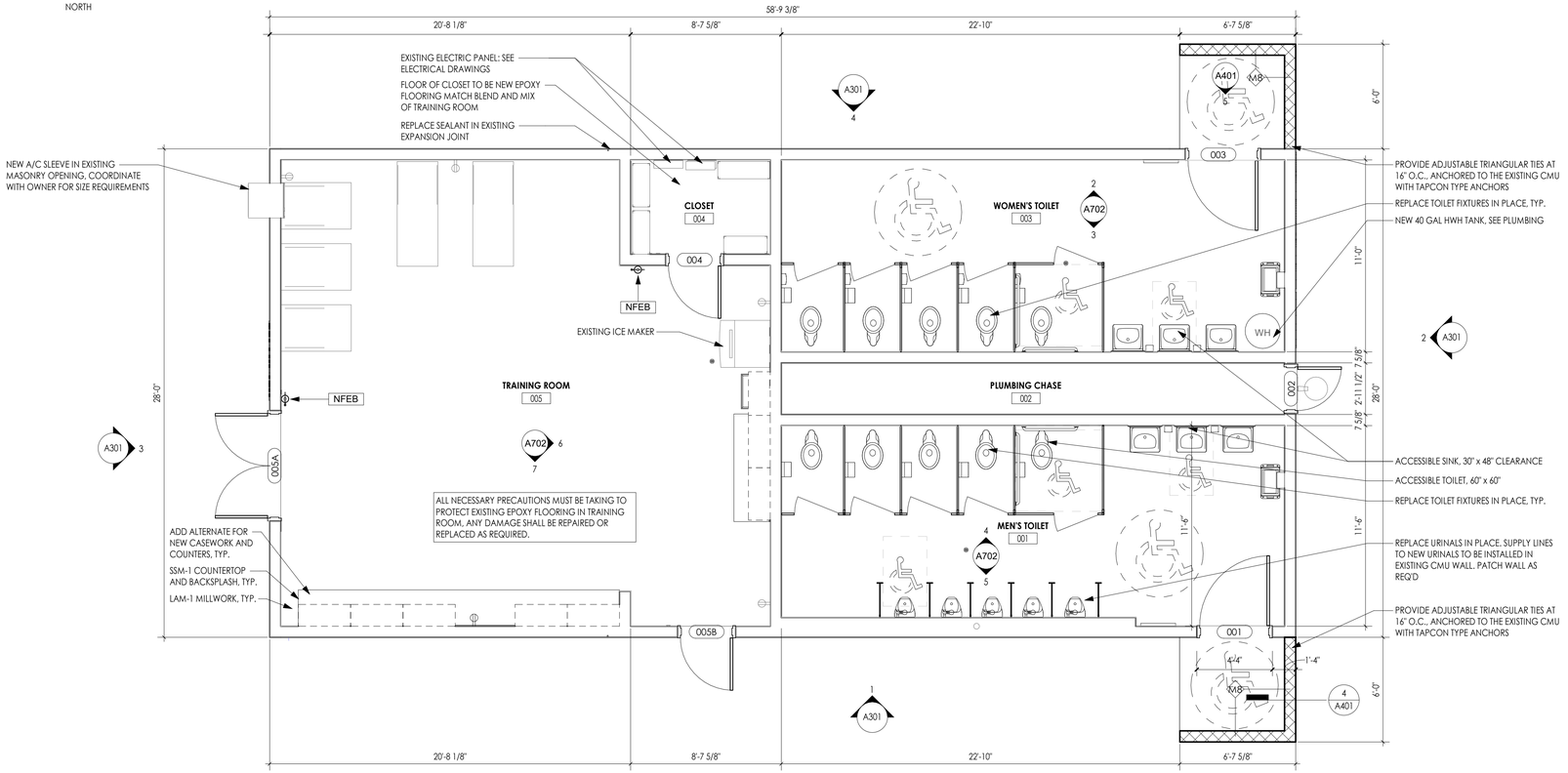
Drawing Number
D104



CONCESSIONS BUILDING FLOOR PLAN

2 A101 — TRUE NORTH

1/4" = 1'-0"



RESTROOM BUILDING FLOOR PLAN

1 A101 — TRUE NORTH

1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. ALL WALL DIMENSIONS INDICATED ON FLOOR PLANS ARE TO FINISHED FACE OF WALL TO FINISHED FACE OF WALL UNLESS OTHERWISE NOTED.
3. SEE A400s FOR INTERIOR AND EXTERIOR DOORS.
4. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
5. COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
6. REFER TO A700s FOR TYPICAL FIXTURE MOUNTING HEIGHTS AND ACCESSORIES LEGEND.
7. REFER TO A700s FOR FURNISH AND INSTALL SCOPE OF EQUIPMENT AND ACCESSORIES.
8. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M,E,P INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
9. REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.
10. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
11. PATCH AND FINISH ALL EXISTING WALLS TO REMAIN WITHIN THE PROJECT LIMIT AREA TO RECEIVE SPECIFIED FINISHES.
12. ALL EXISTING EXPANSION JOINT COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONSTRUCTION UNLESS OTHERWISE NOTED.
13. ANY EXPOSED PLUMBING IN THE RESTROOMS NEEDS TO BE ROUTED THROUGH THE PLUMBING CHASE ROOM 002.
14. ANY EXPOSED CONDUIT NEEDS TO ROUTE THROUGH ABOVE CEILING WHERE POSSIBLE, OR BE REPLACED WITH NEW.

FLOOR PLAN LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

- DOOR — DOOR TARGET, SEE SCHEDULE
- ROOM NAME / H1234.2 — ROOM TAG
- WH — WATER HEATER
- 1 / A3.1 — SECTION MARK
- 2 / A701 — INTERIOR ELEVATION MARK
- 3 / A301 — EXTERIOR ELEVATION MARK
- 1 / A4.1 — DETAIL FOR REFERENCE MARK
- 11 — WALL TYPE SEE A/400
- NFEB — NEW FIRE EXTINGUISHER WALL MOUNTED WITH BRACKET

CPL

PROJECT INFORMATION

Project Number
P22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

Project Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/16/23	ADDENDUM 1

CPL Architects and Engineers, P.C. — 51301 — Registered Architectural Corporation — North Carolina — Charlotte, North Carolina

SHEET INFORMATION

Issued: 09.15.2023
Scale: As indicated
Project Status: 100% CONSTRUCTION DOCUMENTS
Drawn By: EG
Checked By: GB
Drawing Title: OVERALL FLOOR PLANS

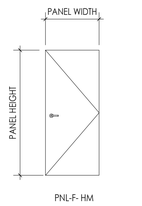
Drawing Number
A101

S:\Projects\Wilson CS\Hunt HS Athletic Reno\D Design\06 CAD\Revit\Central

10/16/2023 4:01:16 PM

DOOR SCHEDULE- NEW

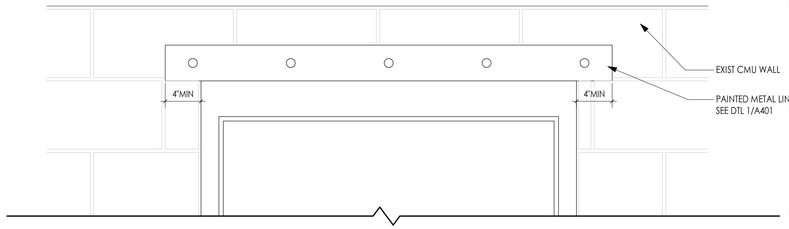
DOOR	DOOR PANELS												DOOR FRAME					DOOR	
	PANEL TYPE		SINGLE PANEL DIMENSIONS			TOTAL PANEL DIMENSIONS				PANEL FINISHES			FRAME DIMENSIONS						
DOOR NUMBER	PANEL 1	PANEL 2	WIDTH PANEL 1	WIDTH PANEL 2	HEIGHT PANELS 1 & 2	WIDTH	HEIGHT	THICKNESS	UNDERCUT	PANEL FINISH SIDE 1	PANEL FINISH SIDE 2	FRAME TYPE	JAMB WIDTH	HEAD HEIGHT	FRAME DEPTH	FRAME FINISH	COMMENTS	Hardware
LVL 1																		
001	PNL-F-HM		4'-0"		7'-0"	4'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-4"	0'-8 1/2"	HM/PT - EPT-5	RESTROOM DOOR - HM - LOCK ON EXTERIOR	7
002	PNL-F-HM		2'-6"		7'-0"	2'-6"	7'-0"	0'-1 3/4"	0'-0"	_PT P1 Warrior Blue	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-4"	0'-9 1/2"	HM/PT - EPT-5	PLUMBING CHASE DOOR - HM - LOCK ON EXTERIOR	5
003	PNL-F-HM		4'-0"		7'-0"	4'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-4"	0'-8 1/2"	HM/PT - EPT-5	RESTROOM DOOR - HM - LOCK ON EXTERIOR	7
004	PNL-F-WD		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-1	HM/PT - EPT-1	FRM-00HM1	0'-2"	0'-4"	0'-8 1/2"	HM/PT - EPT-5	ELEC CLOSET DOOR - HM	3
005A	PNL-F-HM	PNL-F-HM	3'-0"	3'-0"	7'-0"	6'-0"	7'-0"	0'-1 3/4"	0'-0"	_PT P1 Warrior Blue	<By Category>	FRM-00HM1	0'-2"	0'-2"	0'-9 1/2"	HM/PT - EPT-5	TRAINING ROOM DOUBLE DOOR - HM	6
005B	PNL-F-WD		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	0'-0"	_PT P1 Warrior Blue	<By Category>	FRM-00HM1	0'-2"	0'-2"	0'-8 1/2"	HM/PT - EPT-5	TRAINING ROOM SINGLE DOOR - HM	5
101	PNL-F-HM		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-4"	0'-8 1/2"	HM/PT - EPT-5	CONCESSIONS ROOM EXTERIOR DOOR - LOCK ON EXTERIOR	5
102	PNL-F-WD		2'-8"		7'-0"	2'-8"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-2"	0'-5 1/8"	HM/PT - EPT-5	CONCESSIONS ROOM CLOSET DOOR	1
103A	PNL-F-WD	PNL-F-HM	2'-0"	2'-0"	7'-0"	4'-0"	7'-0"	0'-2 1/4"	0'-0"	<By Category>	<By Category>	FRM-00HM1	0'-2"	0'-2"	0'-4 11/16"	HM/PT - EPT-5	STORAGE ROOM INTERIOR DOOR	4
103B	PNL-F-HM		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-4"	0'-8 1/2"	HM/PT - EPT-5	STORAGE ROOM EXTERIOR DOOR - LOCK ON EXTERIOR	5
104	PNL-F-WD		3'-0"		7'-0"	3'-0"	7'-0"	0'-1 3/4"	0'-0"	HM/PT - EPT-2	HM/PT - EPT-2	FRM-00HM1	0'-2"	0'-2"	0'-5 3/32"	HM/PT - EPT-5	RESTROOM DOOR - HM - LOCK ON INTERIOR	2



PNL-F- HM

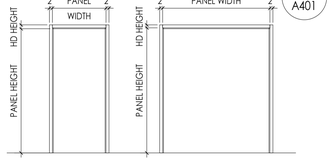
8 A401 DOOR PANEL TYPES

1/4" = 1'-0"



5 A401 LINTEL ELEVATION DETAIL

1/4" = 1'-0"

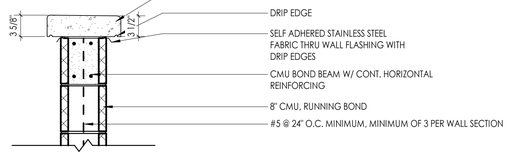


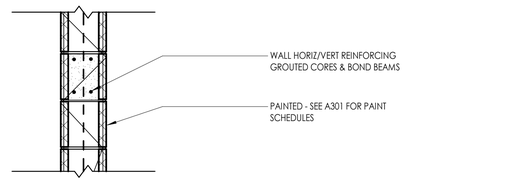
FRM-00 HM1 (SINGLE)

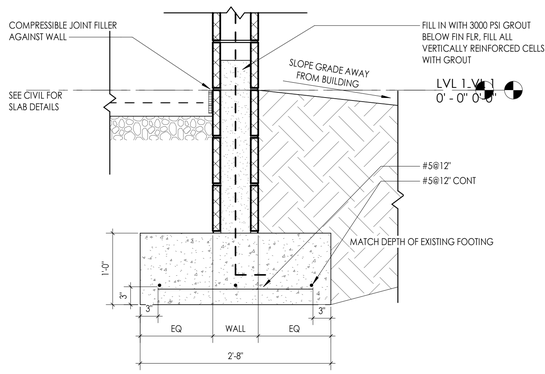
FRM-00 AL1 (DOUBLE)

7 A401 DOOR FRAME TYPES

1/4" = 1'-0"

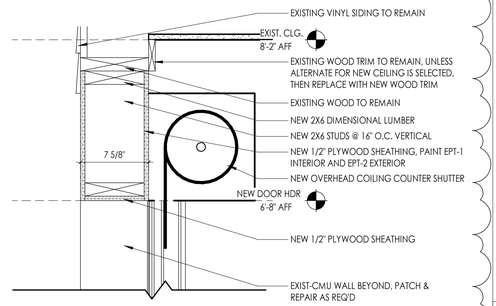


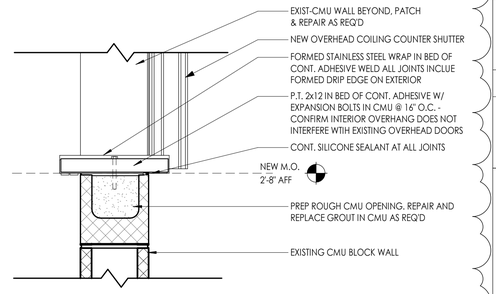




4 A401 CONCRETE FOOTING DETAIL AT RESTROOM PRIVACY WALL - TYPE M8

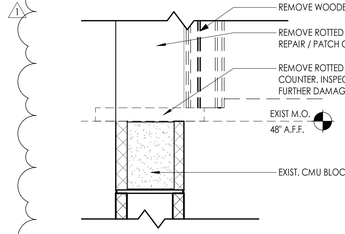
1" = 1'-0"





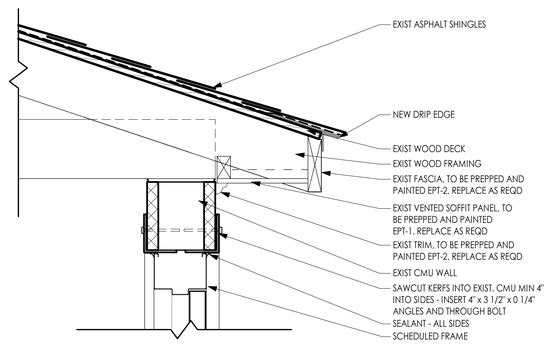
3 A401 COUNTERTOP & MASONRY OPNG DETAIL

1 1/2" = 1'-0"



2 A401 COUNTERTOP DETAIL - DEMO

1 1/2" = 1'-0"



1 A401 METAL LINTEL SECTION DETAIL

1 1/2" = 1'-0"

PARTITION GENERAL NOTES

1. ALL WALL TYPES MAY NOT BE USED ON THIS PROJECT.
2. UNLESS NOTED OTHERWISE ALL PARTITIONS ARE FULL HEIGHT, EXTEND & SECURE TO UNDERSIDE OF CONCRETE OR METAL DECK ABOVE.
3. PROVIDE UL APPROVED JOINT AT ALL TOP OF WALL AND WALL TO WALL CONDITIONS AT ALL RATED WALLS.
4. REFER TO CODE/LIFE SAFETY DRAWINGS FOR RATED PARTITIONS AND UL ASSEMBLIES.
5. PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOMS, JANITOR'S CLOSETS AND OTHER WET LOCATIONS WHERE TILE AND TILE BACKER BOARD ARE NOT INSTALLED.
6. REFER TO SPECIFICATIONS FOR METAL STUD GAUGE REQUIREMENTS.
7. COORDINATE ALL PARTITION ACCESSORIES (APPLIED FINISHES, RESILIENT CHANNEL, ADDITIONAL LAYERS OF SHEATHING, SHIELDING, ETC.) ITEMS SHOWN IN TYPICAL WALL CONSTRUCTION DETAILS MAY HAVE TO BE ARRANGED ON DIFFERENT SIDES OF WALL ASSEMBLY TO ACHIEVE FLUSH CONTINUOUS WALL SURFACES. ANY CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
8. FIRESTOP/ SMOKE STOP ALL REQUIRED WALL PARTITIONS, SLABS, AND PENETRATIONS THROUGH NEW AND EXISTING WALLS WITHIN THE PROJECT LIMITS IN COORDINATION WITH CODE PLAN, OR WHERE COORDINATED SYSTEMS CONNECTION POINTS ARE LOCATED OUTSIDE THE PROJECT LIMIT AREA. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AND SPECIFICATION DIVISION 7.
9. NOTIFY OWNER AND ARCHITECT IF EXISTING NON-COMPLIANT PENETRATIONS ARE DISCOVERED NOT FIRESTOPPPED IN COORDINATION WITH CODE PLAN.
10. PROVIDE CONTROL JOINT WHERE NEW PARTITIONS BUTT EXISTING CONSTRUCTION.
11. PROVIDE CONTROL JOINTS A MAXIMUM OF 30'-0" APART UNLESS NOTED OTHERWISE, PER ASTM C 840-17A. LOCATE ABOVE DOOR FRAMES WHERE POSSIBLE.
12. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES.

DOOR AND FRAME NOTES

1. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT. INTERIOR AND EXTERIOR
2. ALL DOOR AND WINDOW DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION
3. SEE SCHEDULE FOR DOOR & FRAME MATERIAL.
4. ALL DOORS AND FRAMES TO BE EPT-5 U.N.O.

DOOR AND FRAME SCHEDULE LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

DOOR OR FRAME MATERIAL		DOOR OR FRAME FINISH	
HM	HOLLOW METAL	PT	PAINT

SET 1.0
DESCRIPTION: PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
3 EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1 EA	PASSAGE SET	L9010 06B	626	SCH
1 EA	WALL STOP	WS406/407CVX	630	IVE
3 EA	SILENCER	SR64	GRY	IVE

SET 2.0
DESCRIPTION: PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
3 EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1 EA	PRIVACY LOCK	L9040 06B 09-544 L283-722	626	SCH
1 EA	WALL STOP	WS406/407CVX	630	IVE
1 EA	SINGLE HOOK	507B	626	IVE
3 EA	SILENCER	SR64	GRY	IVE

SET 3.0
DESCRIPTION: PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
3 EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1 EA	STOREROOM LOCK	L9080L 06B	626	SCH
1 EA	MORTISE CYLINDER	VERIFY TYPE REQD.	626	
1 EA	OH STOP	450S	630	GLY
3 EA	SILENCER	SR64	GRY	IVE

SET 4.0
DESCRIPTION: PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
6 EA	HINGE	5BB1 4.5 X 4.5	652	IVE
2 EA	MANUAL FLUSH BOLT	FB457 12"	626	IVE
1 EA	DUST PROOF STRIKE	DP1	626	IVE
1 EA	STOREROOM LOCK	L9080L 06B	626	SCH
1 EA	MORTISE CYLINDER	VERIFY TYPE REQD.	626	
2 EA	WALL STOP	WS406/407CVX	630	IVE
1 EA	MEETING STILE	383AA	AA	ZER
2 EA	SILENCER	SR64	GRY	IVE

SET 5.0
DESCRIPTION: PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
1 EA	CONT. HINGE	70S	630	IVE
1 EA	STOREROOM LOCK	L9080L 06B	626	SCH
1 EA	MORTISE CYLINDER	VERIFY TYPE REQD.	626	
1 EA	LOCK GUARD	LG1	630	IVE
1 EA	SURFACE CLOSER	4040XP SHCUSH	689	LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1 EA	RAIN DRIP	142AA	AA	ZER
1 SET	GASKETING	459AA-S	AA	ZER
1 EA	DOOR SWEEP	39A	A	ZER
1 EA	THRESHOLD	655A-223	A	ZER

SET 6.0
DESCRIPTION: PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
2 EA	CONT. HINGE	70S	630	IVE
1 EA	CONST LATCHING BOLT	FB51P	630	IVE
1 EA	DUST PROOF STRIKE	DP1	626	IVE
1 EA	STOREROOM LOCK	L90080L 06B	626	SCH
1 EA	MORTISE CYLINDER	VERIFY TYPE REQD.	626	
1 EA	COORDINATOR	COR X FL	US26D	IVE
2 EA	SURFACE CLOSER	4040XP SHCUSH WMS	689	LCN
2 SET	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1 EA	RAIN DRIP	142AA	AA	ZER
1 SET	GASKETING	429AA-S	AA	ZER
1 EA	MEETING STILE	383AA	AA	ZER
2 EA	DOOR SWEEP	39A	A	ZER
1 EA	THRESHOLD	655A-223	A	ZER

SET 7.0
DESCRIPTION: PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY	ITEM	DESCRIPTION	FINISH	MFR
1 EA	CONT. HINGE	70S	630	IVE
1 EA	CLASSROOM DEAD LOCK	L463L	626	SCH
1 EA	MORTISE CYLINDER	VERIFY TYPE REQD.	626	
1 EA	PUSH PLATE	8200 6" X 16"	630	IVE
1 EA	PUSH PLATE	8303 10" 4" X 16"	630	IVE
1 EA	SURFACE CLOSER	4040XP REG OR PA AS REQ	689	LCN
1 EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1 EA	WALL STOP	WS406/407CVX	630	IVE
1 SET	GASKETING	429AA-S	AA	ZER
1 EA	DOOR SWEEP	39A	A	ZER
1 EA	THRESHOLD	545A	A	ZER

CPL

PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION

HUNT HIGH SCHOOL

Project Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/16/23	ADDENDUM 1

CPL Architects and Engineers, P.C. REGISTERED ARCHITECTURE & ENGINEERING FIRM NORTH CAROLINA 51301 Charlotte, North Carolina

SHEET INFORMATION

Issued
09.15.2023

Scale
As indicated

Project Status
100% CONSTRUCTION DOCUMENTS

Drawn By
EG

Checked By
GB

Drawing Title
WALL TYPES AND SCHEDULES

Drawing Number
A401

10/16/2023 4:01:17 PM S:\Projects\Wilson CS\Hunt HS Athletic Reno\D Design\04 CAD\Revit\Central

FINISH PLAN GENERAL NOTES

1. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES AND WINDOW FRAMES IN PROJECT SCOPE SHALL BE PAINTED EPT-2, UNLESS NOTED OTHERWISE (U.N.O.).
2. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE (U.N.O.).
3. REFER TO A100 SERIES DRAWINGS FOR CEILING TYPES.
4. ALL SOFFITS, FASCIA AND TRIM TO BE REPAIRED AND REPLACED AS NEEDED. FASCIA AND TRIM TO BE PREPPED AND PAINTED EPT-4. SOFFIT TO BE PREPPED AND PAINTED EPT-1.
5. UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT. SEE A100 SERIES FOR PAINT ACCENT SPECIFICATIONS. PAINT CEILINGS EPT-1.
6. REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
7. HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE (U.N.O.).
8. ALL GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.
9. WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.

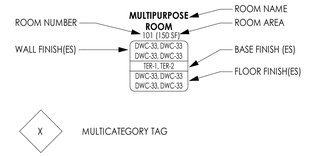
FINISH ABBREVIATIONS

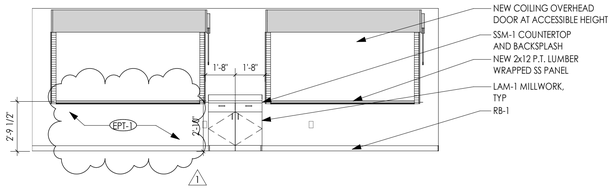
NOTE: THIS LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT

DS	DIVIDER STRIP	PTM	PATCH TO MATCH
EPT	EPOXY PAINT	RB	RESILIENT BASE
ERF	EPOXY RESIN FLOOR	SCON	SEALED CONCRETE
ETR	EXISTING TO REMAIN	SSM	SOLID SURFACE MATERIAL
EXP	EXPOSED	SV	SHEET VINYL
FILM	FILM	SWP	SHEET WALL PROTECTION
FRP	FIBER REINFORCED PANEL	TER	TERRAZZO
GRT	GROUT	TR	TRIM
HDPE	HIGH DENSITY POLY ETHYLENE	TS	TRANSITION STRIP
INT	INTEGRAL	WC	WALL COVERING
LVT	LUXURY VINYL TILE	WD	WOOD
PT	PAINT	WG	WALL GUARD

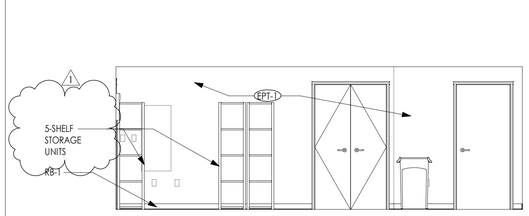
FINISH PLAN SYMBOLS LEGEND

NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT IN THIS PROJECT





5 A703 **CONCESSIONS ROOM WEST ELEVATION**
1/4" = 1'-0"



7 A703 **STORAGE ROOM WEST ELEVATION**
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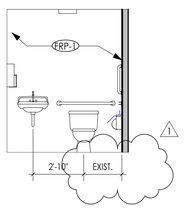
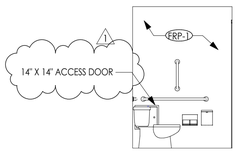
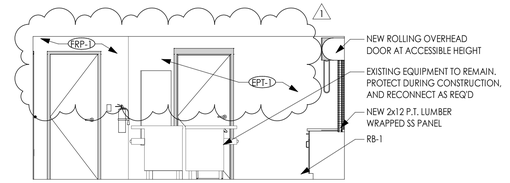


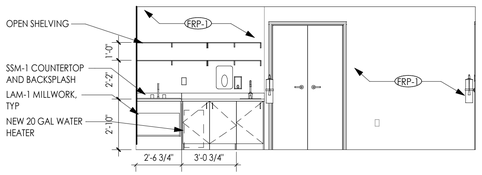
6 A703 **TOILET WEST ELEVATION**
1/4" = 1'-0"



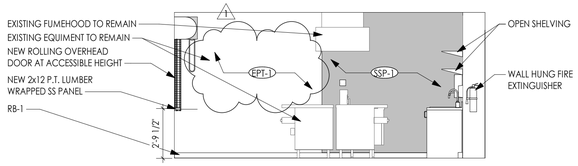
8 A703 **TOILET NORTH ELEVATION**
1/4" = 1'-0"



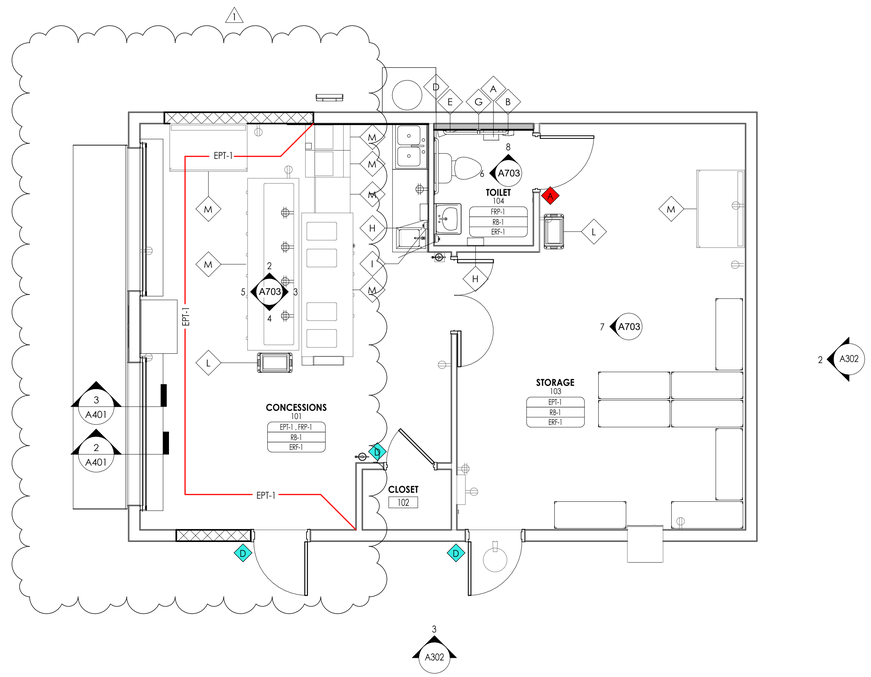
4 A703 **CONCESSIONS ROOM SOUTH ELEVATION**
1/4" = 1'-0"



3 A703 **CONCESSIONS ROOM EAST ELEVATION**
1/4" = 1'-0"



2 A703 **CONCESSIONS ROOM NORTH ELEVATION**
1/4" = 1'-0"



1 A703 **CONCESSIONS BUILDING ACCESSORY, EQUIPMENT, AND FINISH PLAN**
1/4" = 1'-0"

CPL Architects and Engineers, P.C.
REGISTERED ARCHITECTURE & CORPORATION
51301
NORTH CAROLINA
Charlotte, North Carolina

PROJECT INFORMATION

Project Number
R22.16900.00

Client Name
WILSON COUNTY SCHOOLS

Project Name
HUNT HS - ATHLETICS RENOVATION
HUNT HIGH SCHOOL

Project Address
4559 Lamm Rd, Wilson, NC 27893

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/16/23	ADDENDUM 1

SHEET INFORMATION

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Checked By: GB
Drawing Title: CONCESSIONS BUILDING ACCESSORY FLOOR PLAN AND INTERIOR ELEVATIONS
Drawing Number: A703

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