

ADDENDUM NO. 1

TO PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS

TO: ALL PLANHOLDERS AND PROSPECTIVE BIDDERS

FOR: RUNNING TRACK REPLACEMENT
JOB NO. 0123243.01-020/320

OWNER: LINCOLN PUBLIC SCHOOLS (LINCOLN SOUTHEAST HIGH SCHOOL)

ENGINEER: LAMP RYNEARSON
14710 WEST DODGE ROAD, SUITE 100
OMAHA, NEBRASKA 68154-2027

DATE: MARCH 1, 2024

The following changes, corrections, clarifications, and additions shall be made to the Plans, Specifications, and Contract Documents for the above-named project and shall be as binding as if incorporated in the original Contract Documents. The Contractor shall become acquainted with all aspects of this Addendum.

All other provisions and stipulations of the Contract Documents remain in effect as originally issued.

The Contractor shall acknowledge receipt of all addenda on the Proposal Form.

The following shall be deleted, modified, or added to as follows:

PLANS

1. SHEET 1: Notating revision 1 and date of revised sheets.
2. SHEET 6: Notating revision 1, revised note within football field.
3. SHEET 7: Notating revision 1, revised note 1. In ACC paving notes.
4. SHEET 8: Notating revision 1, revised detail track asphalt section bid and transverse section through football field.

CONTRACT DOCUMENTS

1. Additional Pre-Bid Documentation: Sign in sheet from the Pre-Bid meeting.
2. Remove the Technical Specifications, Section A.13. "2" Depth Asphalt Surface Lift Replacement/Patch" paragraph and replace with the following:

"ASPHALT PAVING: All hot mix asphalt pavement shall be in accordance with the Chapter 6 (Asphalt Concrete Construction) of the City of Lincoln "Standard Specifications for the Public Works Construction" current edition and the City of Lincoln Asphalt Standard Requirements, unless otherwise indicated. The base course mix shall be NDOT SBR with 20% maximum RAP content. The surface course mix shall be NDOT SLX with 50 gyros and no RAP content."

Addendum No. 1
LPS (Lincoln Southeast HS)
Running Track Replacement
Job No. 0123243.01-020/320
March 1, 2024
Page 2

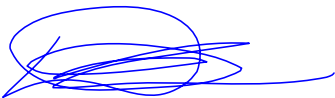
3. Replace the unit price bid quantity tables within the Bid Form with the following:

| BID ITEM DESCRIPTION | ESTIMATED QUANTITY TO BE INCLUDED IN BASE BID | | UNIT PRICE FOR ACTUAL QUANTITY ADJUSTMENT |
|---|--|----|---|
| | | | |
| REMOVE AND REPLACE UNSUITABLE EXCAVATION | 100 | CY | |
| REMOVE AND REPLACE CONCRETE ENCASED TRENCH DRAIN | 20 | LF | |
| REMOVE AND REPLACE CONCRETE CURB | 30 | LF | |
| CHEMICAL SUBGRADE STABILIZATION | 4,720 | SY | |

ENCLOSURES – ADDITIONAL PRE-BID DOCUMENTATION, REVISED BID FORM, AND REVISED PLAN SHEETS
END OF ADDENDUM

Sincerely,

LAMP RYNEARSON



D. Joe Oetken, P.E.
Vice President

FOR

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1 - BID RECIPIENT

1.01 This Bid is submitted to:

LINCOLN PUBLIC SCHOOLS
Matthew Bellamy, Director of Purchasing
c/o Operations Department at LPS
800 S. 24th Street
Lincoln, NE 68510

RUNNING TRACK REPLACEMENT
LINCOLN SOUTHEAST – 2930 S. 37TH ST, LINCOLN, NE 68506
0123243.01-020/320
LPS Bid #10943

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid security;
- B. List of Proposed Subcontractors;
- C. List of Proposed Suppliers;
- D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
- E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;

ARTICLE 3 - BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 ~~Lump Sum Unit Price Bids~~

A. Bidder will perform the following Work at the indicated **lump sum unit prices**:

| ITEM NO. | BID ITEM DESCRIPTION | APPROXIMATE QUANTITY | | UNIT PRICE | TOTAL |
|----------|--|----------------------|----|-------------|-------------|
| 1. | BASE BID | 1 | LS | | |
| 2. | DISCOVERY ALLOWANCE | 1 | LS | \$20,000.00 | \$20,000.00 |
| | TOTAL BASE BID AMOUNT (ITEMS 1 & 2) | | | | |

TOTAL OF ALL BASE BID ITEMS ESTIMATED
PRICES

(use words and figures)

B. Bidder acknowledges that:

1. Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. ~~Estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents~~

3.02 Unit Price Bids

A. Bidder will perform the following Work at the indicated unit prices below:

| BID ITEM DESCRIPTION | ESTIMATED QUANTITY TO BE INCLUDED IN BASE BID | | UNIT PRICE FOR ACTUAL QUANTITY ADJUSTMENT |
|--|---|----|---|
| REMOVE AND REPLACE UNSUITABLE EXCAVATION | 100 | CY | |
| REMOVE AND REPLACE CONCRETE ENCASED TRENCH DRAIN | 20 | LF | |
| REMOVE AND REPLACE CONCRETE CURB | 30 | LF | |
| CHEMICAL SUBGRADE STABILIZATION | 4,720 | SY | |

B. Bidder acknowledges that:

3. A unit price is an amount proposed by Bidders and stated on the Bid Form as a price per unit of measurement for materials or services that will be added to or deducted from the Contract Sum by Change Order in the event the estimated quantities of Work required by the Contract Documents are increased or decreased. Estimated quantities to be included in the base bid by the contractor.
4. Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
5. ~~Estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities above OR below the estimated quantities listed above, determined as provided in the Contract Documents. Final contract amount will be adjusted accordingly.~~

ARTICLE 4 - TIME OF COMPLETION

- 4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment ~~in accordance with Paragraph 15.06 of the General Conditions~~ on or before the date **August 31, 2023** as indicated in the Agreement.
- 4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5 - BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

- A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

| Addendum Number | Addendum Date |
|------------------------|----------------------|
| | |
| | |
| | |

ARTICLE 6 - BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

- A. In submitting this Bid, Bidder represents the following:
1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the ~~Supplementary Conditions~~, with respect to the Technical Data in such reports and drawings. **The site geotechnical report is available in appendix B.**
 5. ~~Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.~~
 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the ~~Supplementary Conditions or by definition~~, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 Bidder's Certifications

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 6.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 7 - LIST OF SUBCONTRACTORS AND SUPPLIERS

| <u>Name of Subcontractor or Supplier</u> | <u>Item of Work</u> |
|--|---------------------|
| | Track Surfacing |
| | Removals |
| | Asphalt Paving |
| | |
| | |
| | |

ADDENDUM NO. 1

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)



DATE: February 27, 2024

1 of 1

LINCOLN PUBLIC SCHOOLS
LINCOLN SOUTHEAST HIGH SCHOOL
TRACK REPLACEMENT PLAN
2930 S 37TH STREET
LINCOLN, NE 68506



LOCATION MAP

GENERAL NOTES

- THE SITE SHALL BE AVAILABLE TO BEGIN CONSTRUCTION ON MAY 15, 2024 AND ALL WORK SHALL BE SUBSTANTIALLY COMPLETED ON JULY 26, 2024, WITH FINAL COMPLETION ON AUGUST 2, 2024.
- ALL SITE WORK SHALL BE IN ACCORDANCE WITH THE "CITY OF LINCOLN STANDARD SPECIFICATIONS FOR MUNICIPAL CONSTRUCTION 2023".
- EXISTING UTILITIES ARE SHOWN AS A CONVENIENCE FOR THE CONTRACTOR. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITIES MAY NOT BE INDICATED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS BEFORE WORK IS STARTED TO VERIFY UTILITY LOCATIONS (ONE CALL 344-3565).
- THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A CONSTRUCTION RECORD DRAWING INDICATING ALL CHANGES IN GEOMETRY, GRADES, ELEVATIONS OR MATERIAL ON THE PROJECT PRIOR TO FINAL ACCEPTANCE.
- ALL OPERATIONS CONDUCTED WITHIN THE CITY OF LINCOLN LIMITS, INCLUDING THE WARMING-UP, REPAIR, ARRIVAL, DEPARTURE, OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT, AND ANY OTHER ASSOCIATED EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 6:00 A.M. AND 10:00 P.M. MONDAY THROUGH SATURDAY; AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SUNDAYS OR LEGAL HOLIDAYS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING THE SITE CONDITIONS PRIOR TO COMMENCING WORK AND MAINTAINING RECORD OF THESE CONDITIONS.
- CONTRACTOR IS REQUIRED TO OBTAIN NECESSARY PERMITS FOR PROPOSED SITE WORK.

INDEX OF SHEETS

| SHEET NUMBER | SHEET TITLE | ORIGINAL DATE | REVISION DATE |
|--------------|---|---------------|---------------|
| 1 | COVER SHEET | 2/15/2024 | 3/1/2024 |
| 2 | LEGEND SHEET | 2/15/2024 | |
| 3 | ORIGINAL TOPOGRAPHICAL SURVEY (FOR INFORMATIONAL PURPOSES ONLY) | 2/15/2024 | |
| 4 | REMOVAL PLAN | 2/15/2024 | |
| 5 | GRADING PLAN | 2/15/2024 | |
| 6 | STORM DRAINAGE PLAN | 2/15/2024 | 3/1/2024 |
| 7 | PAVING PLAN | 2/15/2024 | 3/1/2024 |
| 8 | FIELD LAYOUT PLAN AND DETAILS | 2/15/2024 | 3/1/2024 |



LAMP
RYNEARSON

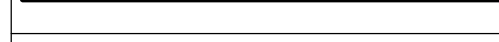

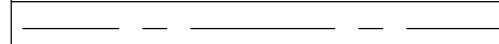
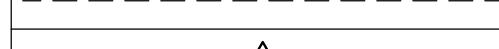




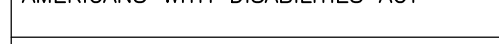

LAMP RYNEARSON.COM
OMAHA, NEBRASKA
14710 W. DODGE RD., STE. 100 (402) 496-2498
NE AUTHORIZATION NO.: CA011510
FORT COLLINS, COLORADO
4715 INNOVATION DR., STE. 100 (970) 228-0342
KANSAS CITY, MISSOURI
8001 STATE LINE RD., STE. 200 (816) 361-0440
MO AUTH. NO.: E-2013011903 (LS-2019043127)

U:\Engineering\0123243_PFS_Replacement_HS_Track_Replacement\DRAWINGS\CONSTRUCTION_DRAWINGS\0123243-SEPC-01.dwg, 2/14/2024, 3:51:39 PM, PAUL GARGARELLA, LAMP RYNEARSON

| EXISTING | | | | | |
|----------------------|--|----------------------------|--|---------------------------|--|
| AIR | | SANITARY CLEAN OUT | | WATER WARNING SIGN | |
| BUILDING OVERHANG | | SANITARY MANHOLE | | AUTO SPRINKLER BUILDING | |
| CABLE | | SEWER WARNING SIGN | | FIRE HYDRANT | |
| CONDUIT | | SEPTIC TANK | | POST INDICATOR VALVE | |
| CONSTRUCTION FENCE | | AREA INLET ROUND | | YARD HYDRANT | |
| CREEK FLOW LINE | | AREA INLET SQUARE | | IRRIGATION CONTROL VALVE | |
| CREEK FLOW DIRECTION | | GRATE INLET | | IRRIGATION SPRINKLER HEAD | |
| DRAIN TILES | | GRATE INLET W/ HOOD | | WELL | |
| ELECTRIC | | STORM MANHOLE | | MONITORING WELL | |
| EFF LINE | | STORM PIPE END | | TABLE | |
| FENCE | | 4' CURB INLET | | SATELLITE DISH | |
| FENCE - BARBED WIRE | | CURB INLET LEFT | | MAILBOX | |
| FENCE - STEEL | | CURB INLET RIGHT | | MISCELLANEOUS POINT | |
| FENCE - WIRE | | DOWN SPOUT/ROOF DRAIN | | VENT | |
| FENCE - WOOD | | FLARED END SECTION | | TOWER | |
| FIBER OPTICS | | CONTINUE SYMBOL | | PROPANE TANK | |
| FLOOD PLAN | | CABLE MANHOLE | | FLAGPOLE | |
| FLOW ARROW | | CABLE WARNING SIGN | | AIR CONDITIONING UNIT | |
| FLOW LINE | | CABLE PEDESTAL | | DRINKING FOUNTAIN | |
| FORCE MAIN | | CABLE PULLBOX | | BBQ PIT | |
| GAS | | LIGHT POLE | | BENCH | |
| GRAVEL AND DIRT EDGE | | YARD LIGHT | | BOLLARD | |
| GUARD RAIL | | GROUND LIGHT | | BORE HOLE | |
| IRRIGATION | | BLDG MOUNTED LIGHT | | COLUMN ROUND | |
| MAIN DRAIN LINE | | STREET LIGHT | | COLUMN SQUARE | |
| NON POTABLE WATER | | POWER POLE | | VACUUM | |
| OIL | | H STRUCTURE | | TREE DECIDUOUS | |
| OIL AND GAS | | H STRUCTURE W/ TRANSFORMER | | TREE CONIFEROUS | |
| OVERHEAD POWER | | ELECTRIC MANHOLE | | BUSH | |
| OVERHEAD TELEPHONE | | ELECTRIC METER | | BOULDER | |
| OVERHEAD UTILITY | | ELECTRIC PEDESTAL | | ARROW LEFT | |
| POWER | | ELECTRIC PULLBOX | | ARROW RIGHT | |
| RAILROAD TRACKS | | ELECTRIC TRANSFORMER | | ARROW STRAIGHT | |
| RAW WATER | | ELECTRIC VAULT | | STRIPING "ONLY" | |
| RECIRCULATION | | ELECTRIC WARNING SIGN | | BICYCLE STRIPING | |
| ROOF DRAIN | | FIBER OPTIC MANHOLE | | HANDICAP SYMBOL | |
| SANITARY SEWER | | FIBER OPTIC PULL BOX | | TRAFFIC SIGNAL | |
| STORM SEWER | | FIBER OPTIC VAULT | | TRAFFIC SIGNAL PEDESTAL | |
| STREAM | | FIBER OPTIC PEDESTAL | | TRAFFIC SIGNAL PULL BOX | |
| TELEPHONE | | FIBER OPTIC WARNING SIGN | | PARKING METER | |
| UNDER DRAIN | | FUEL TANK | | SIGN | |
| UNIDENTIFIED UTILITY | | FUEL CAP | | STOP SIGN | |
| UTILITY | | FUEL PUMP | | YIELD SIGN | |
| VEGETATION LINE | | GAS CURB STOP | | RR CROSSING ARM | |
| WATER | | GAS MANHOLE | | BENCHMARK | |
| WATERS EDGE | | GAS METER | | TEMPORARY BENCHMARK | |
| RECORD | | GAS VALVE | | ROW MARKER | |
| AIR | | GAS WARNING SIGN | | CONTROL POINT | |
| CABLE | | TELEPHONE MANHOLE | | MONUMENT FOUND | |
| ELECTRIC | | TELEPHONE PEDESTAL | | MONUMENT SET | |
| FIBER OPTIC | | TELEPHONE PULLBOX | | WITNESS CORNER | |
| GAS | | TELEPHONE WARNING SIGN | | COMPUTED CORNER | |
| SANITARY SEWER | | UNIDENTIFIED MANHOLE | | SECTION CORNER TIE | |
| STORM SEWER | | UNIDENTIFIED PEDESTAL | | SECTION CORNER | |
| TELEPHONE | | UNIDENTIFIED VALVE | | | |
| UNDERGROUND POWER | | UNIDENTIFIED PULLBOX | | | |
| UTILITY | | WATER CURB STOP | | | |
| WATER | | WATER MANHOLE | | | |
| | | WATER METER | | | |
| | | WATER VALVE | | | |

| UTILITY | |
|-----------------------------------|--|
| AIR | |
| CABLE | |
| CONDUIT | |
| CONSTRUCTION FENCE | |
| DRAIN TILES | |
| FENCE | |
| FENCE - BARBED WIRE | |
| FENCE - STEEL | |
| FENCE - WIRE | |
| FENCE - WOOD | |
| FIBER OPTICS | |
| FLOW ARROW | |
| FORCE MAIN [SINGLE LINE] | |
| FORCE MAIN [DOUBLE LINE] | |
| GAS | |
| GRAVEL AND DIRT EDGE | |
| IRRIGATION | |
| LIMITS OF CONSTRUCTION | |
| NON POTABLE WATER | |
| OIL | |
| OIL AND GAS | |
| POWER | |
| RAW WATER | |
| ROOF DRAIN | |
| SANITARY SEWER [SINGLE LINE] | |
| SANITARY SEWER [DOUBLE LINE] | |
| SANITARY SEWER SERVICE | |
| SANITARY SERVICE RISER | |
| STORM SEWER [SINGLE LINE] | |
| STORM SEWER [DOUBLE LINE] | |
| TELEPHONE | |
| UNDER DRAIN | |
| UTILITY | |
| WATER [SINGLE LINE] | |
| WATER [DOUBLE LINE] | |
| DROP MANHOLE | |
| SLOTTED UNDER DRAIN | |
| WATER | |
| AIR TAP | |
| FIRE HYDRANT | |
| TEE | |
| BEND | |
| REDUCER | |
| VALVE GATE | |
| MANHOLE | |
| FLARED END SECTION | |
| CURB INLET | |
| AREA INLET | |
| GRATE INLET | |
| GRADING | |
| CONTOUR | |
| FUTURE CONTOUR | |
| EXISTING CONTOUR | |
| WETLANDS AREA NOT TO BE DISTURBED | |
| FILL AREA | |
| STABILIZED ACCESS ROAD | |
| VEGETATED BUFFER STRIP | |
| SPOT ELEVATION | |
| LIMITS OF DISTURBED AREA | |
| FLOOD PLAIN | |

| PROPOSED | |
|-------------------------------------|--|
| DRAINAGE | |
| 100 YEAR | |
| 500 YEAR | |
| 2 YEAR EGL | |
| 5 YEAR EGL | |
| 10 YEAR EGL | |
| 100 YEAR EGL | |
| 2 YEAR HGL | |
| 5 YEAR HGL | |
| 10 YEAR HGL | |
| 100 YEAR HGL | |
| FLOOD WAY | |
| RIDGE | |
| FLOW PATH | |
| DRAINAGE AREA NAME | |
| DRAINAGE AREA RUNOFF COEFFICIENT | |
| DRAINAGE BASIN DELINEATION | |
| DRAINAGE SUB BASIN DELINEATION | |
| TIME OF CONCENTRATION DRAINAGE PATH | |
| EROSION CONTROL | |
| EARTH BERM | |
| EARTH DIVERSION | |
| EROSION CONTROL LOG | |
| FILL DIVERSION | |
| INTERCEPTOR DIKE | |
| INTERCEPTOR SWALE | |
| LEVEL SPREADER | |
| LEVEL TERRACE | |
| SEDIMENT CONTROL LOG | |
| SILT FENCE | |
| STRAW WATTLE | |
| TEMPORARY DITCH | |
| BIORETENTION GARDEN | |
| WATTLE | |
| VEHICLE TRACKING PAD | |
| TEMPORARY SEEDING | |
| STRAW HAY BALE | |
| SLOPE PROTECTION | |
| PERMANENT SEEDING | |
| INLET PROTECTION | |
| PAVEMENT | |
| PAVEMENT | |
| PCC CURB AND GUTTER | |
| RETAINING WALL | |
| X" PCC PAVEMENT | |
| ASPHALT PAVEMENT | |
| SIDEWALK PAVEMENT | |
| PAVING BARRICADE | |
| BUILDING | |
| PARKING STALL COUNT | |
| FLOW LINE | |
| JOINT A | |
| JOINT B | |
| JOINT D | |
| JOINT E | |
| JOINT F | |
| JOINT G | |
| JOINT H | |
| JOINT JLC-K | |
| JOINT JLH-S | |

| PLATTING | |
|------------------------|---|
| PROPERTY/BOUNDARY LINE |  |
| PROPOSED LOT LINE |  |
| ADJACENT LOT LINE |  |
| SECTION LINE |  |
| EASEMENT |  |
| MONUMENT SET |  |
| MONUMENT FOUND |  |
| SECTION CORNER |  |
| COMPUTED CORNER |  |
| WITNESS CORNER |  |

| GENERAL ABBREVIATIONS | |
|-----------------------|--|
| ADA | AMERICANS WITH DISABILITIES ACT |
| ASPH | ASPHALT |
| BC | BACK OF CURB |
| BOSW | BACK OF WALK |
| BP | BOTTOM OF PIPE |
| BW | BOTTOM OF WALL |
| (C) | COMPUTED DIMENSION |
| CATV | CABLE TELEVISION |
| CF | CUBIC FOOT |
| CL | CENTERLINE |
| CMP | CORRUGATED METAL PIPE |
| CONC | CONCRETE |
| CP | CONTROL POINT |
| CPP | CORRUGATED PLASTIC PIPE |
| CY | CUBIC YARD |
| DIA | DIAMETER |
| DIP | DUCTILE IRON PIPE |
| E | EAST |
| ELEV | ELEVATION |
| EOG | EDGE OF GRAVEL |
| FES | FLARED END SECTION |
| FF | FINISH FLOOR ELEVATION |
| FG | FINISHED GRADE |
| FH | FIRE HYDRANT |
| FL | FLOWLINE |
| G | GUTTER |
| GB | GRADE BREAK |
| HP/LP | HIGH POINT/LOW POINT |
| HORIZ | HORIZONTAL |
| HPC | HORIZONTAL POINT OF CURVATURE |
| HPI | HORIZONTAL POINT OF INTERSECTION |
| HPT | HORIZONTAL POINT OF TANGENCY |
| HPCC | HORIZONTAL POINT OF COMPOUND CURVATURE |
| HPRC | HORIZONTAL POINT OF REVERSE CURVATURE |
| IE | INVERT ELEVATION |
| LF | LINEAR FEET |
| (M) | MEASURED DIMENSION |
| MH | MANHOLE |
| ME | MATCH EXISTING |
| N | NORTH |
| N.T.S. | NOT TO SCALE |
| OT | OPEN TOP PIPE |
| (P) | PLAT DIMENSION |
| PL | PROPERTY LINE |
| PT | PINCHED TOP PIPE |
| P.V.C. | POLYVINYL CHLORIDE |
| PVC | POINT OF VERTICAL CURVE |
| PVI | POINT OF VERTICAL INTERSECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| X 1020.12 | SPOT ELEVATION |

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MO AUTH. NO.: E-2013011903 / LS-2015043127

PROFESSIONAL CIVIL ENGINEER

JOSEPH P. ZADINA

E-12778

12.15.24

STATE OF NEBRASKA

JOE ZADINA

LEGEND SHEET

811

ALL UTILITIES ARE SHOWN BASED ON THE INFORMATION AVAILABLE. IF THE ENGINEER THERE IS NO GUARANTEE ALL UTILITIES ARE SHOWN OR THAT THE LOCATION, DEPTH, AND SIZE OF EACH FACILITY IS CORRECT. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES AND SETTING LINES PRIOR TO CONSTRUCTION.

Know what's below.
Call before you dig.

REVISIONS

DESIGNER / DRAFTER
PAUL GARGARELLA - GRANT SERNETT

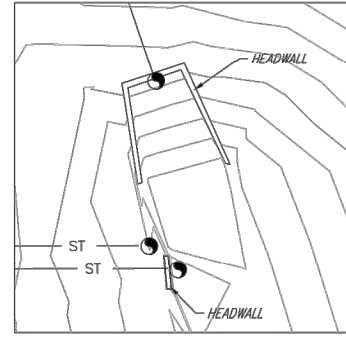
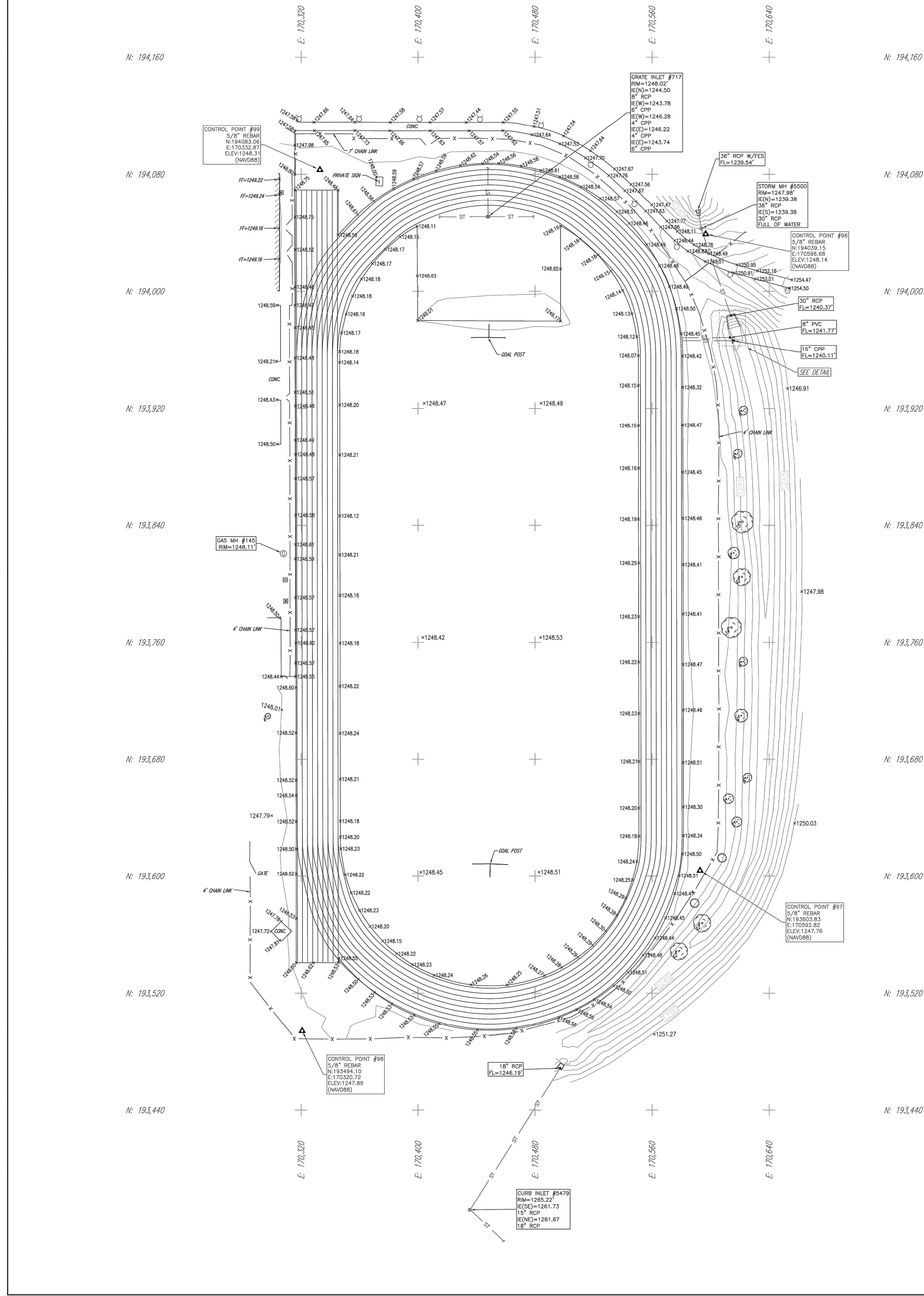
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2/15/2024

PROJECT NUMBER
0123243.01-020

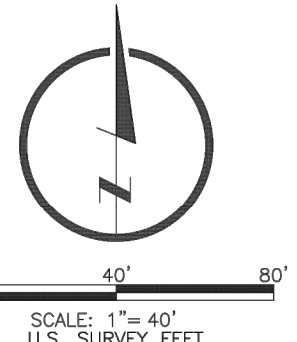
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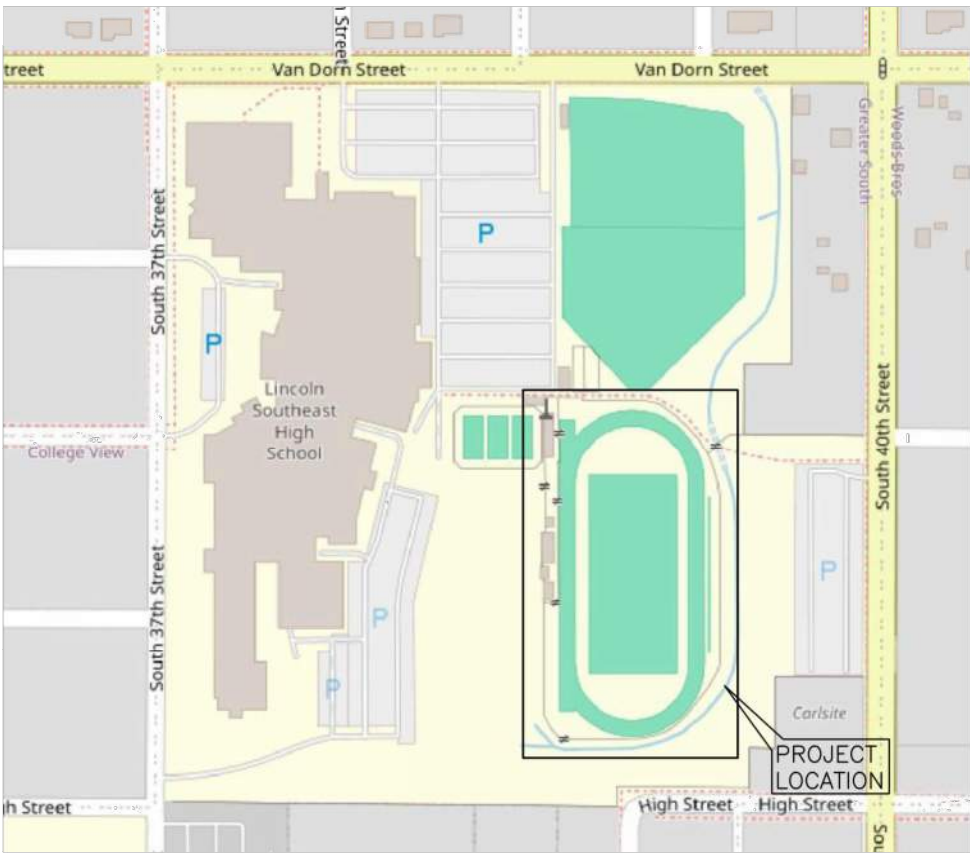
2 OF 8



DETAIL
NOT TO SCALE



- LEGEND**
- ST STORM SEWER
 - X-X FENCE
 - BUILDING
 - BUSH
 - CONTINUE SYMBOL
 - CONTROL POINT
 - DECIDUOUS TREE
 - ELECTRIC PULLBOX
 - FLARED END SECTION
 - GAS MANHOLE
 - GRATE INLET SQUARE
 - IRRIGATION CONTROL VALVE
 - LIGHT POLE
 - SIGN
 - STORM MANHOLE
 - STORM PIPE END
 - FF FINISH FLOOR
 - IE INVERT ELEVATION
 - MH MANHOLE
 - FES FLARED END SECTION
 - CPP CORRUGATED PLASTIC PIPE
 - PVC POLYVINYL CHLORIDE
 - RCP REINFORCED CONCRETE PIPE
 - CONC CONCRETE



VICINITY MAP

LEGAL DESCRIPTION

PART OF THE NORTHEAST QUARTER OF SECTION 6, TOWNSHIP 9 NORTH, RANGE 7 EAST OF THE 6TH P.M., LANCASTER COUNTY, NEBRASKA.

CONTROL NOTE

- HORIZONTAL DATUM IS BASED ON THE LANCASTER COUNTY LOW DISTORTION COORDINATE SYSTEM.
- VERTICAL DATUM IS BASED ON NAVD88 (GEOID=12A).

UTILITY NOTES

- THIS DRAWING INCLUDES OBSERVED EVIDENCE OF SERVICES AND UTILITIES EXISTENT AT THE TIME OF SURVEY ONLY. NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY THE SURVEYOR FOR THE FAILURE TO SHOW ANY BURIED SERVICE AND/OR UTILITY LINES EVEN THOUGH THEY MAY EXIST. CONTACT "ONE CALL" (811) PRIOR TO ANY EXCAVATION ON THIS SITE.

LAND SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEBRASKA.

DATE OF SIGNATURE: _____

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TOPOGRAPHIC
SURVEY

LPS - SOUTHEAST HIGH SCHOOL TRACK
2930 S. 37TH STREET, LINCOLN, LANCASTER COUNTY, NEBRASKA



REVISIONS

DESIGNER / DRAFTER
JOHN HOWELL/RACHEL RENNECKER
DATE
12/13/2023
PROJECT NUMBER
0123243.01-405
BOOK AND PAGE
LPS, 10

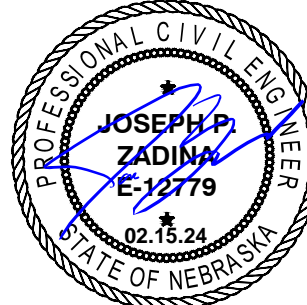
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JOE ZADINA

ORIGINAL TOPOGRAPHICAL SURVEY
(FOR INFORMATIONAL PURPOSES ONLY)

LINCOLN PUBLIC SCHOOLS - SOUTHEAST HIGH TRACK REPLACEMENT
LINCOLN, NEBRASKA



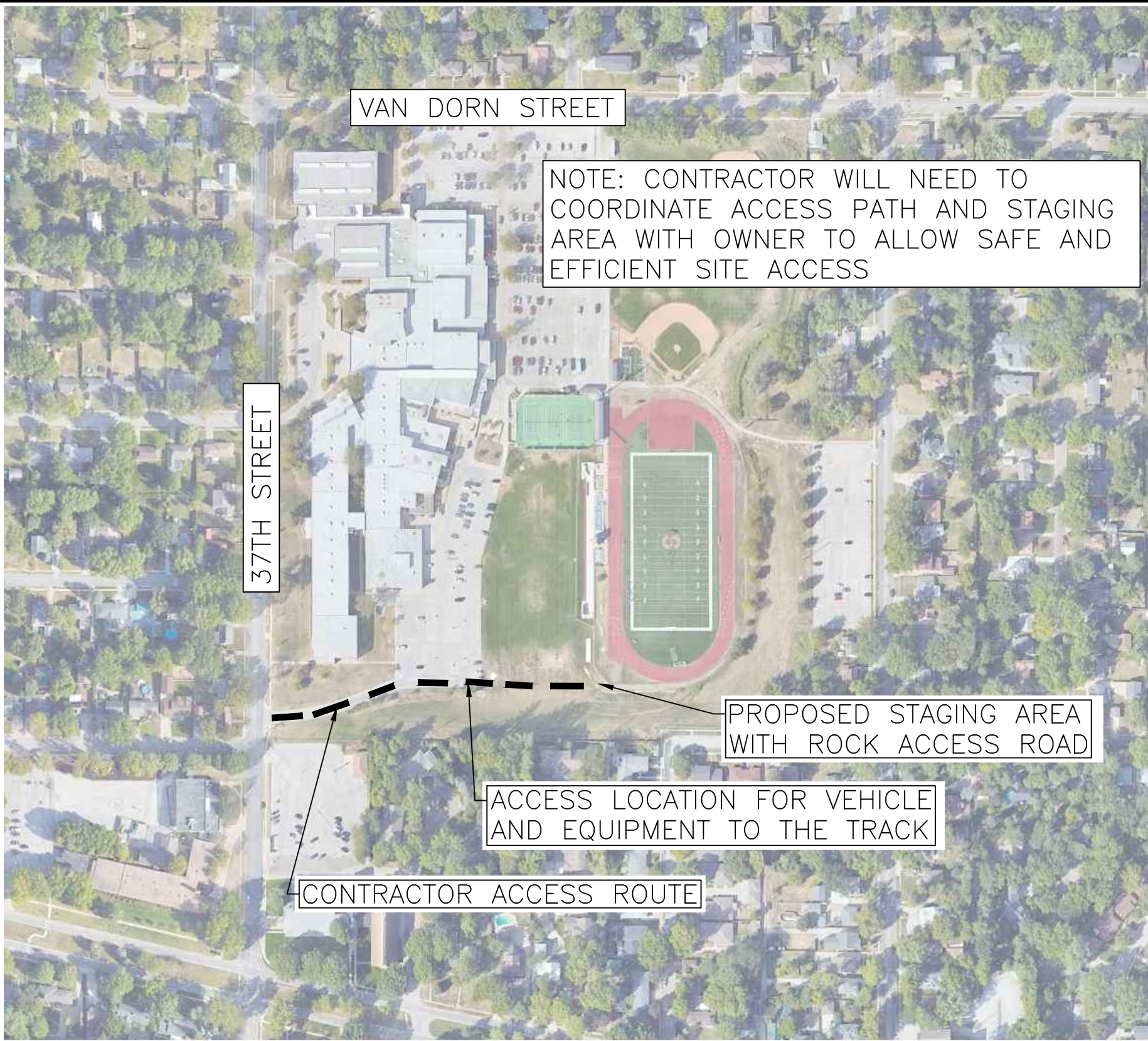
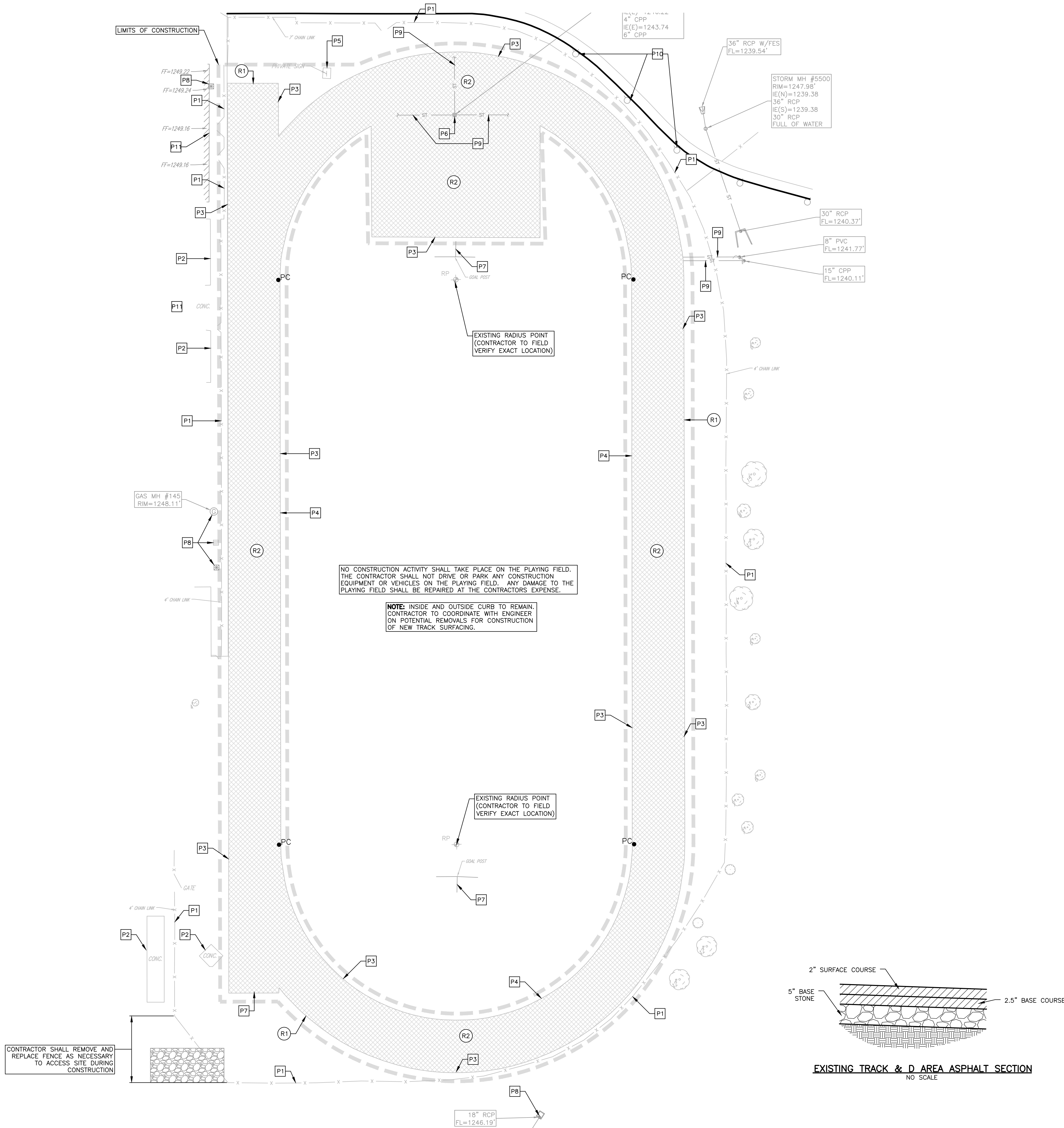
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DATE
2/15/2024
PROJECT NUMBER
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3 OF 8

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CONTRACTOR ACCESS AND STAGING AREA
NO SCALE

REMOVAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE OWNER 72 HOURS IN ADVANCE IF EXISTING UTILITIES CONFLICT WITH NEW CONSTRUCTION OR IF TEMPORARY OUTAGES ARE ANTICIPATED, INCLUDING BUT NOT LIMITED TO WATER, GAS, POWER, CABLE TELEVISION AND TELEPHONE.
2. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO UTILITIES THAT ARE PERMITTED TO REMAIN IN PLACE. DAMAGES DUE DIRECTLY OR INDIRECTLY TO THE CONTRACTORS OPERATIONS SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE ENGINEER/ARCHITECT AND THE OWNER OF THE PROPERTY, OR SHALL MAKE PAYMENT TO SUCH OWNERS FOR REPAIRS AS MAY BECOME NECESSARY ON ACCOUNT OF DAMAGES THAT ARE DUE TO HIS OPERATIONS.
3. THE CONTRACTOR SHALL MAKE HIMSELF AWARE OF ALL OF THE PERMANENT AND TEMPORARY UTILITY APPURTENANCES IN THEIR PRESENT AND/OR RELOCATED POSITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS, INCONVENIENCE, OR DAMAGE SUSTAINED DUE TO INTERFERENCE FROM THE SAID UTILITY APPURTENANCES OR THE OPERATION OF DISCONNECTING THEM, INCLUDING THE POSSIBILITY OF UNCOVERING UTILITIES THAT HAVE BEEN ABANDONED AND/OR ARE NOT INDICATED.
4. ALL DEMOLITION RUBBISH WILL BE REMOVED FROM THE SITE BY A LICENSED TRUCKING FIRM, IN COVERED TRUCKS, AND TAKEN TO A LICENSED LANDFILL. ALL THIS WILL BE PAID FOR BY THE CONTRACTOR AND WILL BE PART OF THE CONTRACTOR'S BASE BID.
5. COORDINATION WITH FIRE DEPARTMENTS AND UTILITY COMPANIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. NO BURNING OF MATERIALS WILL BE PERMITTED.
7. THE OWNER SHALL BE GIVEN 5 BUSINESS DAYS NOTICE BEFORE ANY ENTRANCE OR ACCESS DRIVE CLOSURES.
8. THE LIMITS OF DEMOLITION SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE EXACT LIMITS WILL BE MARKED IN THE FIELD BY THE ENGINEER/ARCHITECT.
9. CONTRACTOR SHALL FIRST COORDINATE REMOVAL OF ANY EXISTING UTILITY WITH UTILITY OWNER (GAS, WATER, POWER, ETC.) ALL TELEPHONES, WATER, ELECTRIC AND GAS METERS, AND ASSOCIATED EQUIPMENT SHALL REMAIN THE PROPERTY OF THE VARIOUS UTILITY COMPANIES.
10. EXISTING PAVEMENT SHALL BE SAW-CUT AT LOCATIONS INDICATED AS REQUIRED FOR PAVEMENT REMOVAL. THE SAW-CUT SHALL BE MADE TO THE FULL DEPTH OF THE PAVEMENT.
11. WHERE INDICATED THE EXISTING PAVEMENT SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF THE PROJECT SITE. CONTRACTOR SHALL NOT USE A HEAVY BALL FOR BREAKING UP OF EXISTING PAVEMENT OVER PUBLIC WATER AND GAS MAINS.
12. TRENCH AND BASEMENT BACKFILL AND ANY SUBGRADE SOILS DISTURBED BY THE PAVEMENT REMOVAL PROCESS SHALL BE RECOMPACTED AS SPECIFIED IN THE COMPACTION REQUIREMENTS TABLE OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
13. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ALL ITEMS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
14. NO REMOVALS SHALL OCCUR OUTSIDE THE LIMITS OF CONSTRUCTION SHOWN UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL ELSEWHERE. ADDITIONAL REMOVALS OUTSIDE THE LIMITS OF CONSTRUCTION SHALL REQUIRE APPROVAL FROM THE OWNER/ENGINEER.

PROTECT KEYNOTES

- P1. PROTECT FENCE.
- P2. PROTECT PAVEMENT.
- P3. PROTECT EXISTING TRACK CURB .
- P4. PROTECT TRENCH DRAIN.
- P5. PROTECT SCOREBOARD.
- P6. PROTECT GRATE INLET.
- P7. PROTECT GOAL POST.
- P8. PROTECT UTILITY.
- P9. PROTECT STORM SEWER.
- P10. PROTECT LIGHT POLE.
- P11. PROTECT BUILDING.
- P12. PROTECT GOAL POST.

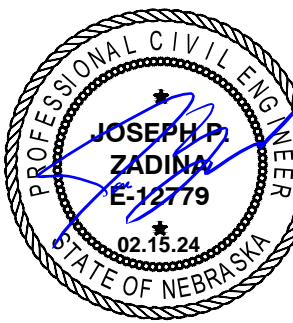
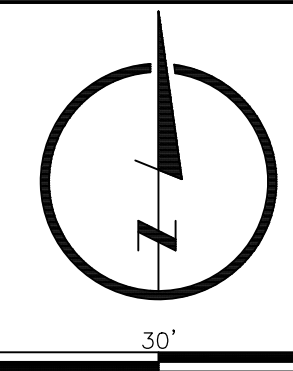
REMOVAL KEYNOTES

- R1. SAWCUT PAVEMENT, FULL DEPTH.
- R2. REMOVE ASPHALT TRACK AND D AREA INCLUDING ANY UNDERDRAINS, AGGREGATE SUBBASE, WHILE PROTECTING EXISTING OUTSIDE/INSIDE CURB. SURFACING SHALL BE HAULED OFF SITE AND LEGALLY DISPOSED OF. ASPHALT SHALL BE HAULED OFF SITE AND LEGALLY DISPOSED OF.

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JOE ZADINA

REMOVAL PLAN

LINCOLN PUBLIC SCHOOLS – SOUTHEAST HIGH TRACK REPLACEMENT
LINCOLN, NEBRASKA



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DESIGNER / DRAFTER

PAUL GARGARELLA – GRANT SERNETT

DATE

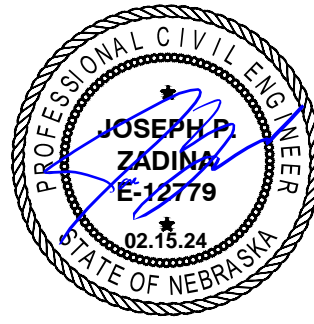
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PROJECT NUMBER

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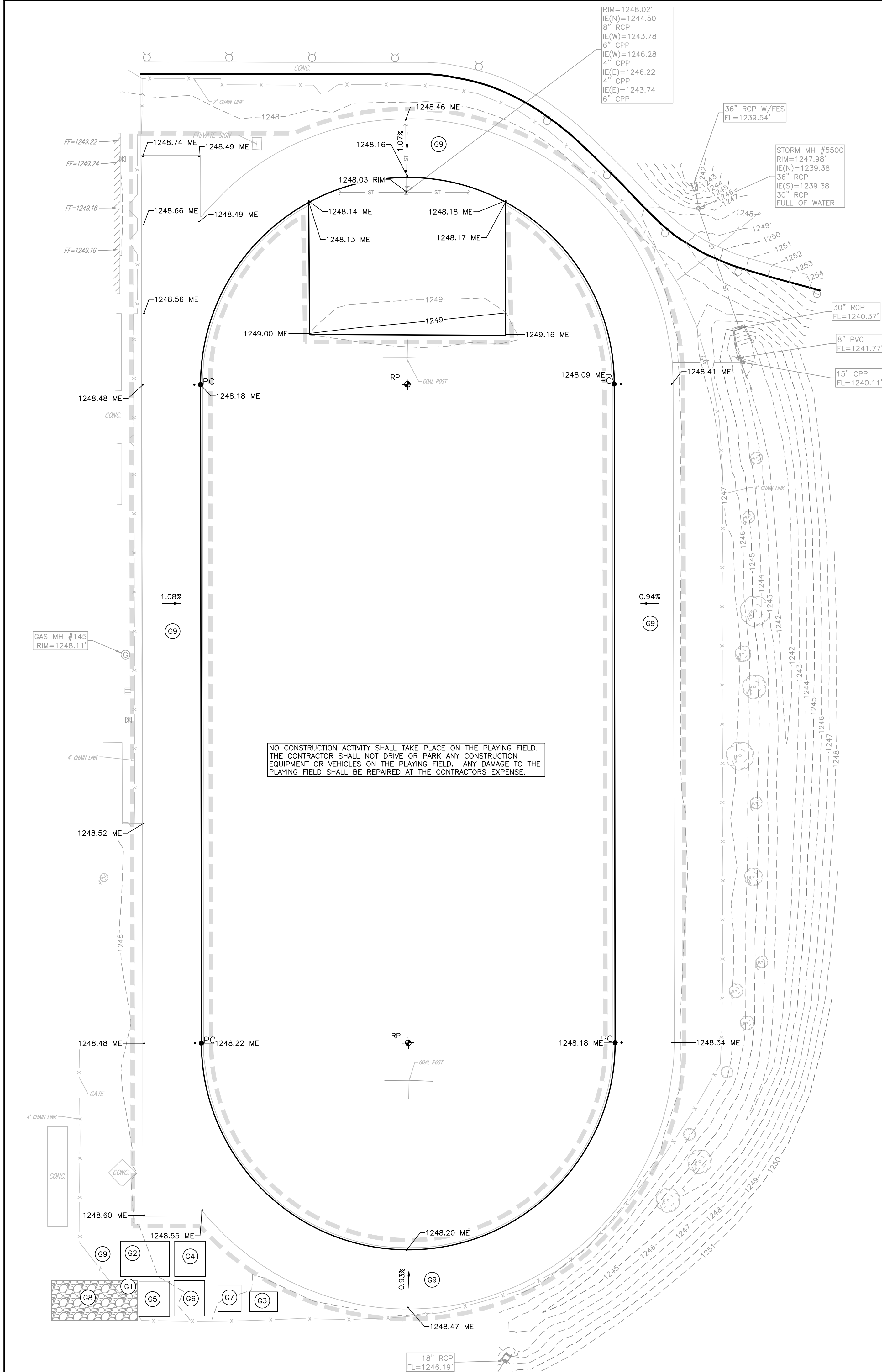


LINCOLN PUBLIC SCHOOLS – SOUTHEAST HIGH TRACK REPLACEMENT
LINCOLN, NEBRASKA



| |
|---------------------------------|
| DESIGNER / DRAFTER |
| PAUL GARGARELLA – GRANT SERNETT |
| DATE |
| 2/15/2024 |
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| 0123243.01-020 |
| BOOK AND PAGE |

SHEET



NOTE:
SEE THIS SHEET FOR EROSION
CONTROL MEASURES TO BE
INSTALLED. THESE ARE PROPOSED
LOCATIONS. IF THE CONTRACTOR
WISHES TO USE ALTERNATE
LOCATIONS IT MUST BE APPROVED
BY THE ENGINEER.

NOTE:
THE LIMITS OF DISTURBED AREA
SHOWN ON THIS SHEET MATCH
THE LIMITS OF CONSTRUCTION.
THERE ARE NO UNDISTURBED
AREAS OUTSIDE OF THE LIMITS OF
CONSTRUCTION.

NOTE:
COMPACTION REQUIREMENTS TO BE
PROVIDED BY THE GEOTECHNICAL
ENGINEER.

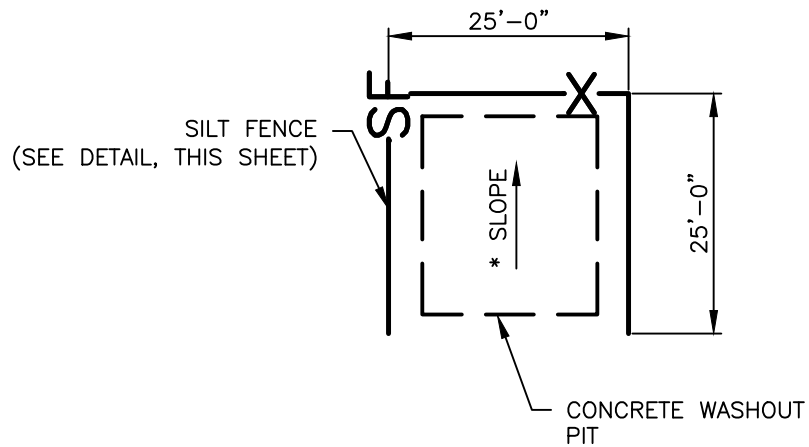
NOTE: PRIOR TO PLACING FILL IN AREAS BELOW DESIGN GRADE AND AFTER ROUGH GRADING IS COMPLETED IN OTHER AREAS, THE SUBGRADE SHALL BE PROOFROLLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER. PROOFROLLING OF CLAY MAY BE ACCOMPLISHED WITH A FULLY LOADED, TANDEM-AXLE, DUMP TRUCK WITH A MINIMUM GROSS WEIGHT OF 25 TONS OF OTHER EQUIPMENT PROVIDING AN EQUIVALENT SUBGRADE LOADING. PROOFROLLING OF SAND SHOULD BE PERFORMED WITH A SELF-PROPOSED PAD-FOOT OR SMOOTH-DRUM ROLLER. SEE GEOTECHNICAL REPORT FOR FURTHER INFORMATION.

ELEVATION NOTES

1. PROPOSED CONTOURS OUTSIDE LIMITS OF THE TRACK AND FIELD ARE FINISHED GRADE/TOP OF PAVEMENT ELEVATION, NOT SUBGRADE ELEVATIONS.
2. PROPOSED SIDEWALK SPOT ELEVATIONS ARE TOP OF SLAB UNLESS NOTED OTHERWISE.
3. PROPOSED ATHLETIC FACILITY SPOT ELEVATIONS ARE TO TOP OF PLAYING FIELD SYNTHETIC SURFACING INFILL, TOP OF TRACK ASPHALT, AND TOP OF CONCRETE SLAB.
4. ALL SPOT ELEVATIONS WITH LABELS ENDING IN ME ARE TO MATCH EXISTING GRADE.

GRADING AND STORMWATER POLLUTION PREVENTION PLAN KEYNOTES

- G1. CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AND IMPLEMENT STREET CLEANING/SWEEPING PRACTICES.
- G2. CONTRACTOR SHALL INSTALL AND MAINTAIN A STABILIZED VEHICLE AND EQUIPMENT PARKING AREA.
- G3. CONTRACTOR SHALL INSTALL AND MAINTAIN A SANITARY WASTE RECEPTACLE AS NEEDED..
- G4. CONTRACTOR SHALL INSTALL AND MAINTAIN A DESIGNATED VEHICLE AND EQUIPMENT FUELING AREA AS NEEDED.
- G5. CONTRACTOR SHALL INSTALL AND MAINTAIN A DESIGNATED MATERIAL DELIVERY AND STORAGE AREA AS NEEDED.
- G6. CONTRACTOR SHALL INSTALL AND MAINTAIN A CONCRETE WASHOUT PIT AS NEEDED.
- G7. CONTRACTOR SHALL INSTALL AND MAINTAIN A DESIGNATED SOLID WASTE RECEPTACLE.
- G8. CONTRACTOR SHALL INSTALL AND MAINTAIN A STABILIZED CONSTRUCTION ENTRANCE. SEE DETAIL, SHEET 6. CONSTRUCTION ENTRANCE, INCLUDING BUT NOT LIMITED TO ALL AGGREGATE AND FILTER FABRIC, SHALL BE REMOVED ENTIRELY AND FOOTPRINT SHALL BE RESTORED TO EXISTING GRADE FOLLOWING CONSTRUCTION. CONTRACTOR TO COORDINATE WITH ENGINEER/OWNER ON CONSTRUCTION ENTRANCE LOCATION.
- G9. CHEMICAL STABILIZATION IS ANTICIPATED PER GEOTECHNICAL REPORT. PLEASE PROVIDE A UNIT PRICE FOR CHEMICAL STABILIZATION AS DIRECTION BY THE CONTRACT DOCUMENTS.



1 CONCRETE WASHOUT DETAIL

SCALE: NOT TO SCALE

NOTES:

1. THE CONCRETE WASHOUT PIT WILL NEED TO BE RELOCATED AS THE CONCENTRATED WORK AREAS OF THE SITE CHANGE.
1. STANDARD PROCTOR SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 698.
2. MODIFIED PROCTOR SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 1557.

* THE LOCATION OF THE CONCRETE WASH OUT PIT WILL BE SUCH THAT WATER AND SEDIMENT WILL NOT FLOW AWAY FROM THE DESIGNATED CONCRETE WASHOUT AREA.

UTILITY CONTACTS

| | | |
|-----------------|---|--------------|
| SANITARY SEWER: | CITY OF LINCOLN | 402-441-7554 |
| POWER: | LINCOLN ELECTRIC SYSTEM | 402-467-7645 |
| TELEPHONE: | WINDSTREAM COMMUNICATIONS | 402-437-7200 |
| CABLE TV: | TIME WARNER CABLE | 402-421-0365 |
| WATER: | CITY OF LINCOLN | 402-441-7554 |
| GAS: | BLACK HILLS ENERGY | 402-437-1774 |
| PRIVATE: | LINCOLN PUBLIC SCHOOL SCOTT WIESKAMP TIM LOSEKE | 402-436-1072 |

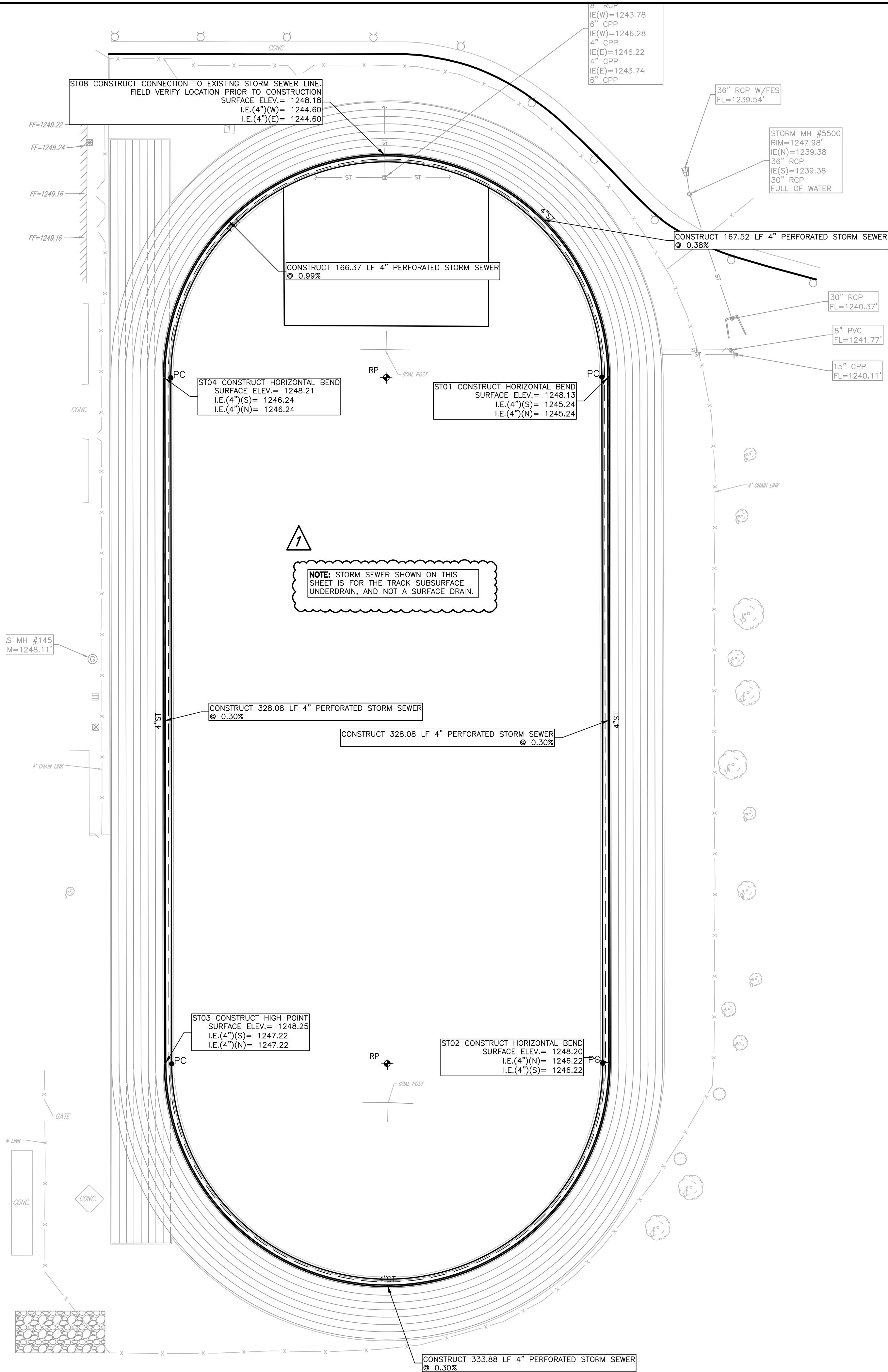
COMPACTION REQUIREMENTS TABLE

| | | | |
|--|--------------------------------|------------|----------|
| SEE GEOTECHNICAL ENGINEERING REPORT: | LPS HIGH SCHOOL RUNNING TRACKS | | |
| PREPARED BY: | TERRACON CONSULTANTS, INC. | | |
| ENGINEER: | BRADLEY LEVICH | | |
| PROJECT NO: | E-9401 | | |
| DATED: | 02/15/2022 | | |
| MAX. DEPTH OF LIFT FOR FILL (MEASURED LOOSE) | 8" | | |
| AREA | TEST | COMPACTION | MOISTURE |
| TRACK AGGREGATE BASE | STANDARD PROCTOR | 98% | -1/+3 |
| CHEMICALLY STABILIZED SUBGRADES | STANDARD PROCTOR | 95% | 0/+3 |
| ALL OTHER FILL | STANDARD PROCTOR | 95% | -1/+3 |

NOTES:

1. STANDARD PROCTOR SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 698.
2. MODIFIED PROCTOR SHALL BE DETERMINED IN ACCORDANCE WITH ASTM D 1557.

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STORM SEWER NOTES

- ALL STORM SEWER SITE WORK SHOWN TO BE CONSTRUCTED ON THIS SHEET SHALL BE IN ACCORDANCE WITH THE "CITY OF LINCOLN 2011 STANDARD SPECIFICATIONS FOR MUNICIPAL CONSTRUCTION" AND ANY REVISIONS OR AMENDMENTS THERETO SHALL APPLY TO THIS PROJECT.
- INLETS AND MANHOLES SHALL BE LOCATED IN ACCORDANCE WITH THE COORDINATES SHOWN. THE LENGTHS OF PIPES MAY VARY ACCORDINGLY. THE CONTRACTOR IS REFERRED TO THE FOLLOWING CITY OF LINCOLN STANDARD PLANS:
LSP 150 R.C. COLLAR, ELBOWS AND PLUGS
- TRENCH BACKFILL SHALL BE COMPACTED AS SHOWN IN THE COMPACTION REQUIREMENTS TABLE. SEE SHEET 5, OR AS SPECIFIED BY THE GEOTECHNICAL ENGINEER.
- ALL PIPE SHALL BE BEDDED IN ACCORDANCE WITH THE CITY OF LINCOLN STANDARD PLAN 185.
- STORM SEWER MATERIALS: THE FOLLOWING MATERIALS ARE GENERALLY APPROVED FOR STORM SEWER CONSTRUCTION:
 - POLYVINYL CHLORIDE (PVC) PLASTIC DRAIN, WASTE AND VENT PIPE. PVC PIPE SHALL BE TYPE 1, GRADE 1 AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM D2665-02AEO AND SHALL BE INSTALLED AS REQUIRED BY ASTM D2321-00.
 - HIGH DENSITY POLYETHYLENE (HDPE) PIPE. HDPE PIPE SHALL HAVE A CORRUGATED EXTERIOR AND A SMOOTH INTERIOR AND SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M-294 TYPE S AND SHALL BE INSTALLED AS REQUIRED BY ASTM D2321-00 AND THE MANUFACTURERS INSTALLATION INSTRUCTIONS. HDPE PIPE SHALL BE MANUFACTURED FROM HDPE VIRGIN COMPOUNDS AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM D-3350 FOR THE CELL CLASSIFICATION 335420C. COUPLING BANDS SHALL MEET THE SOIL TIGHTNESS REQUIREMENTS OF AASHTO SECTION 26.4.2.4.
- CONCRETE FOR STORM SEWER STRUCTURES SHALL BE L3500 USING TYPE II PORTLAND CEMENT. THE CEMENT FOR MANHOLE GROUT SHALL BE THE SAME AS THAT FOR MANHOLE CONCRETE AND SHALL MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR INSTALLING SEWER SHALL HOLD A VALID SEWER LAYER'S LICENSE AND SHALL OBTAIN ALL REQUIRED PERMITS.

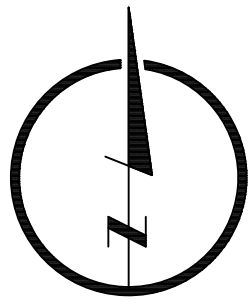
TRACK DRAINAGE AND AGGREGATE SUBBASE NOTES

- 6" DEPTH CRUSHED LIMESTONE SHALL BE PLACED UNDER THE ASPHALT BASE OF THE TRACK AND THE CONCRETE BASE OF THE D AREAS. SEE DETAIL SHEET 8.
- 4" PERFORATED DRAIN COLLECTOR PIPE SHALL BE CONSTRUCTED AROUND THE INSIDE PERIMETER OF THE TRACK AT A 0.30% MINIMUM SLOPE. OUTLET SHALL TAP INTO THE EXISTING STORM DRAIN SYSTEM.

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MO AUTH. NO.: E-2013011903 LLS-2015043127



JOE ZADINA

STORM DRAINAGE PLAN

LINCOLN PUBLIC SCHOOLS – SOUTHEAST HIGH TRACK REPLACEMENT
LINCOLN, NEBRASKA



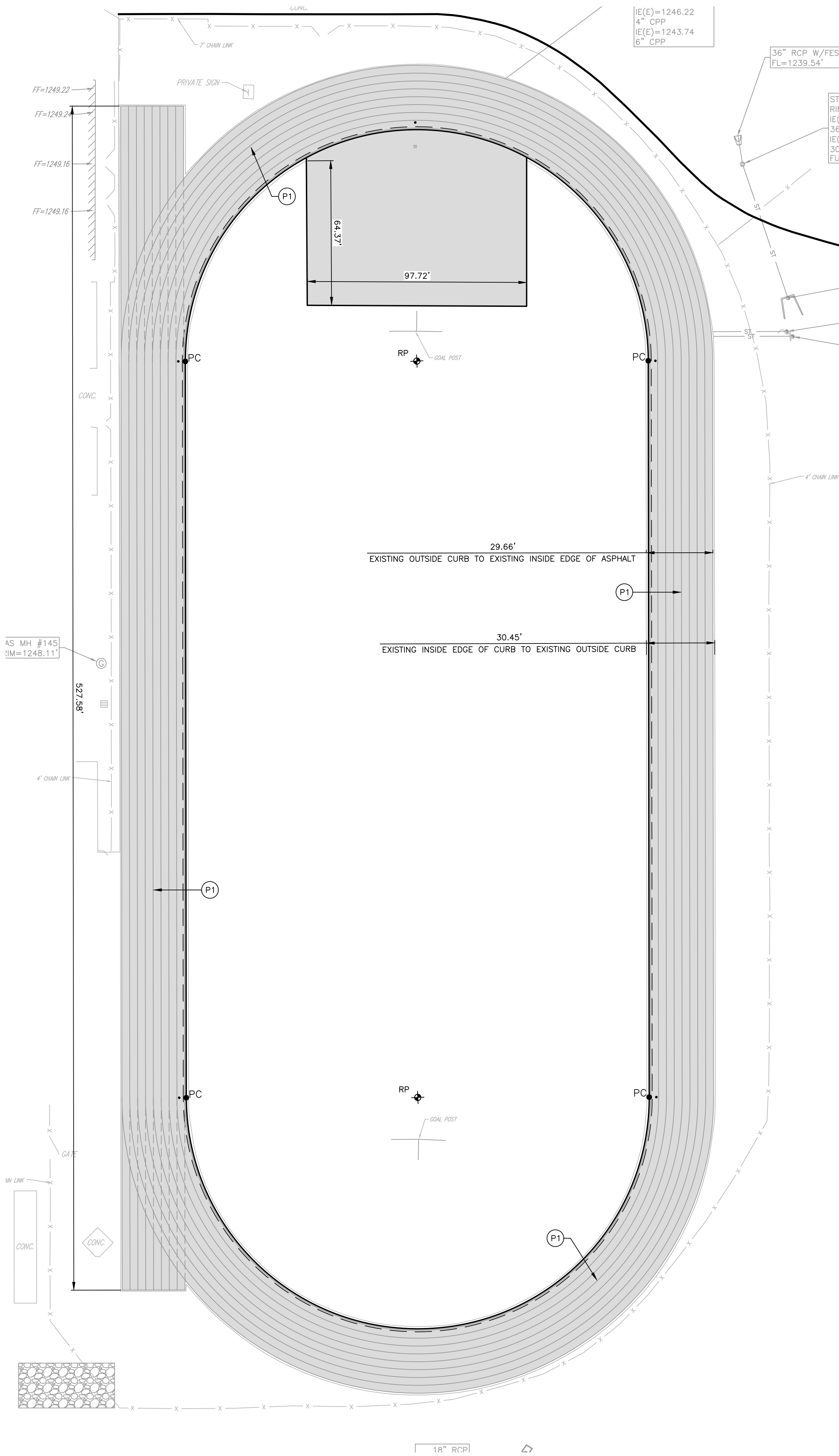
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REVISIONS
PVG - 3/1/2024

DESIGNER / DRAFTER
PAUL GARGARELLA – GRANT SERNETT
DATE
2/15/2024
PROJECT NUMBER
0123243.01-020
BOOK AND PAGE

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PAVING KEYNOTES

- P1. CONSTRUCT 6" ASPHALTIC CONCRETE PAVEMENT.
WITH SYNTHETIC TRACK SURFACING (13 MM) SEE DETAIL, SHEET 8.

PORTLAND CEMENT CONCRETE (PCC) PAVING NOTES

- ALL PAVING ELEVATIONS ARE AT TOP OF SLAB UNLESS NOTED OTHERWISE.
- PAVEMENT SUBGRADE TO A DEPTH OF 12 INCHES AND TO A WIDTH OF 2 FEET OUTSIDE PAVEMENT EDGES SHALL BE COMPACTED TO 95% STANDARD PROCTOR WITH -3/+4% MOISTURE CONTENT. WHERE EXISTING PAVEMENT CONDITIONS PROHIBIT THE FULL EXTENT OF THE REQUIRED COMPACTION, THE CONTRACTOR SHALL PROPERLY COMPACT UP TO THE EXISTING EDGE OF PAVEMENT.
- THE CONTRACTOR SHALL CONTACT THE GEOTECH ENGINEER TO OBSERVE A PROOF ROLL OF THE SUBGRADE PRIOR TO PLACING PAVEMENT TO DELINEATE ANY AREAS WHERE SUBGRADE OVEREXCAVATION MAY BE REQUIRED.
- CONCRETE FOR PAVING SHALL BE PROPORTIONED USING PORTLAND CEMENT MEETING THE REQUIREMENTS OF ASTM C-150, TYPE I. UNLESS OTHERWISE NOTED ON THESE PLANS, CONCRETE FOR PAVEMENT SHALL BE L-3500 CONCRETE AS DEFINED IN CHAPTER 3 OF THE CITY OF LINCOLN STANDARD SPECS.
- THE FINISHED SURFACE OF THE PC CONCRETE PAVEMENT SHALL NOT VARY MORE THAN 1/8 INCH WHEN TESTED WITH A 10-FOOT STRAIGHTEDGE APPLIED TRANSVERSELY OR LONGITUDINALLY TO PAVED AREAS.
- CONCRETE PAVEMENT SHALL BE CURED IN ACCORDANCE WITH THE CITY OF LINCOLN STANDARD SPECIFICATIONS.
- WATER-REDUCING ADMIXTURE SHALL BE ADDED TO ALL HAND-PLACED AND FINISHED CONCRETE.

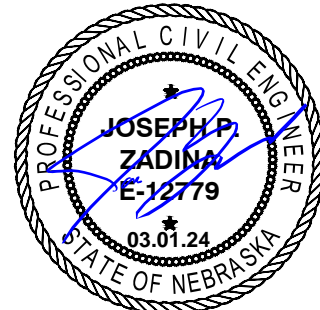
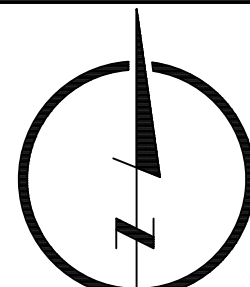
ASPHALT CEMENT CONCRETE (ACC) PAVING NOTES

- ASPHALT MIX FOR THE BASE COURSE SHALL BE TYPE NDOT SBR WITH 20% MAXIMUM RAP CONTENT, ASPHALT MIX FOR THE SURFACE COURSE SHALL BE TYPE NDOT SLX WITH 50 GYROS AND NO RAP CONTENT, AS PREVIOUSLY AGREED UPON BETWEEN THE OWNER AND CONTRACTOR. CONTRACTOR TO SUBMIT ASPHALT MIX DESIGN TO ENGINEER/OWNER PRIOR TO CONSTRUCTION.
- FULL-DEPTH ASPHALTIC CONCRETE PAVEMENT SHALL HAVE A UNIFORM THICKNESS OF SIX INCHES (6"). THE PAVEMENT SHALL CONSIST OF ONE 4" LIFT OF BASE COURSE AND ONE 2" LIFT OF SURFACE COURSE.
- PAVEMENT SUBGRADE TO A DEPTH OF 12 INCHES SHALL BE COMPACTED IN ACCORDANCE WITH THE COMPACTION REQUIREMENTS TABLE (SEE SHEET 5) OR AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
- THE ASPHALTIC CONCRETE PAVEMENTS SHALL BE COMPACTED TO A MINIMUM IN-PLACE PERCENTAGE OF LABORATORY DENSITY AS SHOWN BELOW. MAXIMUM LABORATORY DENSITY SHALL BE DETERMINED IN ACCORDANCE WITH ASTM "MAXIMUM THEORETICAL DENSITY - RICE METHOD", DESIGNATION D 2041.
 - SURFACE COURSES - 92% MINIMUM (94% TARGET MAXIMUM)
 - BASE COURSES - 90% MINIMUM
- THE CONTRACTOR SHALL CONTACT THE GEOTECHNICAL ENGINEER TO OBSERVE A PROOFROLL OF THE SUBGRADE PRIOR TO PLACING PAVEMENT TO DELINEATE ANY AREAS WHERE SUBGRADE OVEREXCAVATION MAY BE REQUIRED.
- EXPOSED SURFACE SOILS (SUBGRADES) IN AND WITHIN A DISTANCE OF TWO (2) FEET OF THE ASPHALT PAVING LIMITS, AND WITHIN 6" OF THE SIDEWALK LIMITS, WHERE POSSIBLE, SHALL BE COMPACTED AND PROOFROLLED PRIOR TO AGGREGATE BASE INSTALLATION IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER. SEE SPECIFICATION FOR MORE INFORMATION.
- THE FINISHED SURFACE OF THE ASPHALTIC CONCRETE PAVEMENT SHALL NOT VARY MORE THAN 1/8 INCH WHEN TESTED WITH A 10-FOOT STRAIGHTEDGE APPLIED TRANSVERSELY OR LONGITUDINALLY TO PAVED AREAS.
- THE CONTRACTOR SHALL UTILIZE TWO (2) PAVING MACHINES SIMULTANEOUSLY AND SIDE BY SIDE IN ORDER TO MINIMIZE THE CONSTRUCTION JOINT.

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JOE ZADINA

PAVING PLAN

LINCOLN PUBLIC SCHOOLS - SOUTHEAST HIGH TRACK REPLACEMENT
LINCOLN, NEBRASKA



ALL UTILITIES ARE SHOWN BASED ON THE INFORMATION AVAILABLE TO THE ENGINEER. THERE IS NO GUARANTEE ALL UTILITIES ARE SHOWN OR THAT THE LOCATION, DEPTH, AND SIZE OF EACH FACILITY IS CORRECT. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES AND SERVICE LINES PRIOR TO CONSTRUCTION.

REVISIONS

PVG - 3/1/2024

DESIGNER / DRAFTER

PAUL GARGARELLA - GRANT SERNETT

DATE

2/15/2024

PROJECT NUMBER

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BOOK AND PAGE

SHEET

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