

ADDENDUM NO. 1

July 15, 2022

**Lawrence Township High School Site Improvements
7802 Hague Road, Indianapolis, IN 46256
7300 E. 56th St., Indianapolis, IN 46226**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and Drawings dated June 22, 2022, by Schmidt Associates. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-3, Guideline Schedule and attached Schmidt Associates Addendum No. 1, dated July 14, 2022 consisting of 3 pages and Drawing Sheets G-100-N, ES101.N, ES102.N, ES103.N, ES104.N, ES105.N, ES106.N, ED101.N, E-503.N, E-602.N, E-603.N, E-605.N, G-000-C, G-100-C, CG107.C, CU105.C, CU106.C, ES101.C, ES102.C, ES103.C, ES104.C, ES105.C, ES106.C, EL101.C, E-503.C, E-602.C, E-603.C and E-605.C.

A. SPECIFICATION SECTION 00 00 20 TABLE OF CONTENTS

Add Sections

01 56 80a Section 401 Water Quality Certification
00 11 00a Responsible Bidding Practices Submission Form
22 11 13 Facility Water Distribution Piping (Site)
26 56 68.01 Lawrence North - Exterior Athletic Lighting
26 56 68.02 Lawrence Central - Exterior Athletic Lighting

Delete Sections

01 83 00.99 Facility Shell Performance Requirements
01 91 00 Commissioning

B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 01 – GENERAL TRADES

Add the following Section:

- 01 56 80a Section 401 Water Quality Certification
- 06 10 00 Rough Carpentry
- 10 28 00 Toilet, Bath, and Laundry Accessories
- 22 13 43 Facility Packaged Sewage Pumping Station

Delete the following Section:

- 10 26 00 Wall and Door Protection

Add Clarifications:

8. Sheet CD101.C - Tree Clearing has been performed by others and stumps 4” and larger will be removed by others, rest of the clear and grubbing is the responsibility of **BC #1 Contractor**.
9. The flat panel underdrain System for the synthetic turf alternates is the responsibility of the **BC#4 Contractor** and is to be tied into the collector drainage system provide by the **BC #1 Contractor**.

C. BID CATEGORY NO. 03 – ASPHALT PAVING

Add Clarifications:

1. Provide field engineering and layout for your own work.
2. Provide traffic control measures when required for completion of your work.

D. BID CATEGORY NO. 04 – SYNTHETIC TURF

Add Clarifications:

1. Provide field engineering and layout for your own work.
2. The flat panel underdrain system for the synthetic turf alternates is the responsibility of the **BC#4 Contractor** and is to be tied into the collector drainage system provided by the **BC#1 Contractor**.

E. BID CATEGORY NO. 05 – PLUMBING & HVAC

Delete the following Specification Section

- 22 13 43 Facility Packaged Sewage Pumping Stations

F. BID CATEGORY NO. 06 – ELECTRICAL & TECHNOLOGY

Add the following Specification Sections

- 26 56 68.01 Lawrence North - Exterior Athletic Lighting
- 26 56 68.02 Lawrence Central - Exterior Athletic Lighting
- 27 7 00.99 Telecommunication Grounding and Bonding

C. SPECIFICATION SECTION 01 23 00 ALTERNATES

1. Delete the following passage:

Alternate 8 Project Starts 2023 in its entirety.

2. Add the following passage:

ALTERNATE NO 3E ASTROTURF Synthetic Turf: LN&LC Varsity Baseball/Softball

Install synthetic turf system as manufactured and installed by Astroturf on playing fields indicated. **LN and LC varsity baseball:** Delete: topsoil placement, base bid athletic seeding and maintenance establishment, infield/warning track development, and field irrigation. Irrigation mainline development and other field irrigation to remain in base bid project. Install perimeter curb, subgrade stone and drainage infrastructure, and synthetic turf per drawings and specs. **LN and LC varsity softball:** Remove existing field development, Install perimeter curb, subgrade stone and drainage infrastructure, and synthetic turf per drawings and specs.

3. Add the following passage:

ALTERNATE 4E ASTROTURF Synthetic Turf: LN&LC Varsity Soccer

Install synthetic turf system as manufactured and installed by Astroturf on playing fields indicated. **LC varsity soccer:** Delete: topsoil placement, base bid athletic seeding and maintenance establishment, and field irrigation. Irrigation mainline development and other field irrigation to remain in base bid project. Install perimeter curb, subgrade stone and drainage infrastructure, and synthetic turf per drawings and specs. **LN varsity soccer:** Remove existing field development, Install perimeter curb, subgrade stone and drainage infrastructure, and synthetic turf per drawings and specs.

D. SPECIFICATION SECTION 01 32 00 SCHEDULES AND REPORTS

- A. Insert the attached Guideline Schedule.

Activity Name	Original Duration	Start	Finish	2022												2023												2024					
				Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
LN & LC Site Improvements	369	01-Jul-22	08-Dec-23	LN & LC Site Improvements																													
Project Administration	238	01-Jul-22	30-May-23	Project Administration																													
Construction	238	01-Jul-22	30-May-23	Construction																													
Publish 1st Notice to Bidders	0	01-Jul-22*		◆ Publish 1st Notice to Bidders																													
Project Out to Bid	0	05-Jul-22		◆ Project Out to Bid																													
Publish 2nd Notice to Bidders	0	08-Jul-22		◆ Publish 2nd Notice to Bidders																													
Pre-Bid Meeting	1	20-Jul-22	20-Jul-22	▣ Pre-Bid Meeting																													
Bid Day	1	28-Jul-22	28-Jul-22	▣ Bid Day																													
Pre-Award Conferences	5	29-Jul-22	04-Aug-22	▣ Pre-Award Conferences																													
Soccer Season	65	01-Aug-22*	28-Oct-22	▣ Soccer Season																													
Board Meeting	0		08-Aug-22	◆ Board Meeting																													
Submittals/Long Lead Times	80	30-Aug-22	19-Dec-22	▣ Submittals/Long Lead Times																													
Softball Season	65	01-Mar-23*	30-May-23	▣ Softball Season																													
Baseball Season	65	01-Mar-23*	30-May-23	▣ Baseball Season																													
Lawrence Central	376	01-Jul-22	08-Dec-23	Lawrence Central																													
Drainage/Indy Permits	75	01-Jul-22*	13-Oct-22	▣ Drainage/Indy Permits																													
Potential Early Sitework	40	14-Oct-22	08-Dec-22	▣ Potential Early Sitework																													
Winter Break	0	31-Mar-23*		◆ Winter Break																													
Sitework	80	03-Apr-23	21-Jul-23	▣ Sitework																													
Plaza	45	29-May-23*	28-Jul-23	▣ Plaza																													
Renovate Softball	60	31-May-23	22-Aug-23	▣ Renovate Softball																													
Soccer 1 Turf	50	24-Jul-23	29-Sep-23	▣ Soccer 1 Turf																													
Soccer 2 Playable Spring 2024	50	24-Jul-23	29-Sep-23	▣ Soccer 2 Playable Spring 2024																													
Varsity Baseball	100	24-Jul-23	08-Dec-23	▣ Varsity Baseball																													
Concessions/Restroom	100	24-Jul-23	08-Dec-23	▣ Concessions/Restroom																													
Parking Lot	40	02-Oct-23	24-Nov-23	▣ Parking Lot																													
Lawrence North	0																																
Sitework/Exterior Improvements	298	01-Jul-22	22-Aug-23	Sitework/Exterior Improvements																													
Indianapolis Permits	90	01-Jul-22*	03-Nov-22	▣ Indianapolis Permits																													
Potential Early Sitework	30	04-Nov-22	15-Dec-22	▣ Potential Early Sitework																													
Winter Break	0	31-Mar-23*		◆ Winter Break																													
Varsity Baseball	100	03-Apr-23	18-Aug-23	▣ Varsity Baseball																													
Concession/Restroom	100	03-Apr-23	18-Aug-23	▣ Concession/Restroom																													
Athletic Parking Lot & Drive	40	03-Apr-23	26-May-23	▣ Athletic Parking Lot & Drive																													
Renovate Soccer	80	03-Apr-23*	21-Jul-23	▣ Renovate Soccer																													
Plaza	45	29-May-23*	28-Jul-23	▣ Plaza																													
Asphalt Paving Building Lots and Drives	45	29-May-23*	28-Jul-23	▣ Asphalt Paving Building Lots and Drives																													
Renovate Softball	60	31-May-23	22-Aug-23	▣ Renovate Softball																													

- ▣ Actual Work
- ▣ Remaining Work
- ▣ Critical Remaining Work
- ◆ Milestone
- ▣ Summary

LN LC Site Improvements 218055

Guideline Schedule



ADDENDUM NO. 1

JULY 14, 2022

PREPARED BY SCHMIDT ASSOCIATES FOR:
LAWRENCE NORTH AND LAWRENCE CENTRAL ATHLETIC FIELDS
LAWRENCE TOWNSHIP, M.S.D. OF

This Addendum consists of 3 Addendum pages and 28 attachment pages totaling 31 pages.

Acknowledge receipt of this Addendum by inserting its number on the Bid Form. Failure to do so may subject the Bid to disqualification. This Addendum is part of the Contract Documents.

Bidder is encouraged to verify with reprographer of record all Addenda issued (do not rely exclusively on third party plan room services).

PART 1 - CHANGES TO PRIOR ADDENDA (NOT APPLICABLE)

PART 2 - CHANGES TO THE PROJECT MANUAL

Modifications described herein shall be incorporated in the Project Manual. All other Work shall remain unchanged.

2.1 DIVISION 32 - EXTERIOR IMPROVEMENTS

A. Section 321823.99 "SYNTHETIC TURF PLAYING SURFACE"

1. ADD Subparagraph 2.2.A.e. as follows:

"e. Alternate: AstroTurf

- 1) Shock pad: No
- 2) Turf: Rhino Blend
- 3) Pile Height: 2"
- 4)Infill Ratio: 65%/35% SBR/Sand
- 5) Pile Weight: 42oz"

2. ADD Subparagraph 2.3.A.e. as follows:

"e. Alternate: AstroTurf

- 1) Shock pad: No
- 2) Turf: Diamond Series HR
- 3) Pile Height: 2"
- 4)Infill Ratio: 60%/40% SBR/Sand

5) Pile Weight: 42oz”

B. Section 329228.99 “POROUS STONE BASE AND DRAINAGE SYSTEM FOR SYNTHETIC TURF PLAYING SURFACE”

1. DELETE Paragraph 1.4.A in its entirety.
2. DELETE Paragraph 1.4.B. in its entirety.

PART 3 - CHANGES TO THE DRAWINGS

Modifications described herein shall be incorporated in the Drawings. All other Work shall remain unchanged.

3.1 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS FOR LAWRENCE NORTH

DRAWING NO.	INDICATE ACTION: REPLACE (R), ADD (A), DELETE (D)
G-SERIES DRAWINGS	
G-100-N	DELETE AND REPLACE
E-SERIES DRAWINGS	
ES101.N	DELETE AND REPLACE
ES102.N	DELETE AND REPLACE
ES103.N	DELETE AND REPLACE
ES104.N	DELETE AND REPLACE
ES105.N	DELETE AND REPLACE
ES106.N	DELETE AND REPLACE
ED101.N	DELETE AND REPLACE
E-503.N	DELETE AND REPLACE
E-602.N	DELETE AND REPLACE
E-603.N	DELETE AND REPLACE
E-605.N	DELETE AND REPLACE

3.2 DRAWING SHEETS: ADDITIONS, DELETIONS AND REPLACEMENTS FOR LAWRENCE CENTRAL

DRAWING NO.	INDICATE ACTION: REPLACE (R), ADD (A), DELETE (D)
G-SERIES DRAWINGS	
G-000-C	DELETE AND REPLACE
G-100-C	DELETE AND REPLACE
C-SERIES DRAWINGS	
Second CG103.C	DELETE
CG107.C	ADD
Second CU104.C	DELETE

	Third CU104.C	DELETE
	CU105.C	ADD
	CU106.C	ADD
E-SERIES DRAWINGS		
	ES101.C	DELETE AND REPLACE
	ES102.C	DELETE AND REPLACE
	ES103.C	DELETE AND REPLACE
	ES104.C	DELETE AND REPLACE
	ES105.C	DELETE AND REPLACE
	ES106.C	DELETE AND REPLACE
	EL101.C	DELETE AND REPLACE
	E-503.C	DELETE AND REPLACE
	E-602.C	DELETE AND REPLACE
	E-603.C	DELETE AND REPLACE
	E-605.C	DELETE AND REPLACE

END OF ADDENDUM 1

LIFE SAFETY PLAN LEGEND

Room name
101

AREA: 150 SF

Occupancy

Load #

of Exits:

EGRESS INFORMATION TAG

FIRE EXTINGUISHER (NOT REQUIRED)

APPLICABLE CODES

- 2014 INDIANA BUILDING CODE
- 2014 INDIANA FIRE CODE
- 2014 INDIANA MECHANICAL CODE (CONCESSIONS BUILDING ONLY)
- 2012 INDIANA PLUMBING CODE (CONCESSIONS BUILDING ONLY)
- 2009 INDIANA ELECTRICAL CODE



SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2018-050.LNA
Project Date 06.22.2022
Produced Designer Author



Sarah K. Hempstead

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#	Revision	Date
A1	Addendum No. 1	7/14/2022

CODE SUMMARY

Building Description:
The Dugout includes team seating.

Occupancy Classification:
Accessory to an E Occupancy
• E Occupancy [305.1, 508.2]

Building Elements:
Type VB Construction permitted based upon an allowable area of 9,000 sq ft [Table 503]
Actual area is 422 sq ft.

Incidental Use Separations:
None applicable [Table 509]

Automatic Sprinklers:
Not required [903.2]

Fire Alarm System:
Not required [907.2.2]

Plumbing Fixtures:
Not required [2901.1, Exc]

This building is exempt from design release requirements per 675 IAC 12-6-4 (a) (6).

CODE SUMMARY

Building Description:
The Dugout includes team seating and scoring.

Occupancy Classification:
Accessory to an E Occupancy
• E Occupancy [305.1, 508.2]

Building Elements:
Type VB Construction permitted based upon an allowable area of 9,000 sq ft [Table 503]
Actual area is 508 sq ft.

Incidental Use Separations:
None applicable [Table 509]

Automatic Sprinklers:
Not required [903.2]

Fire Alarm System:
Not required [907.2.2]

Plumbing Fixtures:
Not required [2901.1, Exc]

CODE SUMMARY

Building Description:
The Dugout includes team seating and storage.

Occupancy Classification:
Accessory to an E Occupancy
• E Occupancy [305.1, 508.2]

Building Elements:
Type VB Construction permitted based upon an allowable area of 9,000 sq ft [Table 503]
Actual area is 896 sq ft.

Incidental Use Separations:
None applicable [Table 509]

Automatic Sprinklers:
Not required [903.2]

Fire Alarm System:
Not required [907.2.2]

Plumbing Fixtures:
Not required [2901.1, Exc]

CODE SUMMARY

Building Description:
The Concession/Restroom building will consist of concession, restrooms, ticket sales, and storage.

Occupancy Classification:
Concessions, ticket sales, and storage.
• B Occupancy [304.1]

Building Elements:
Type VB Construction permitted based upon an allowable area of 9,000 sq ft [Table 503]
Actual area is 1,325 sq ft.

Incidental Use Separations:
None applicable [Table 509]

Automatic Sprinklers:
Not required [903.2]

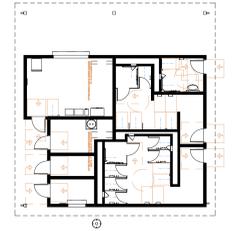
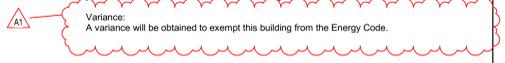
Fire Alarm System:
Not required [907.2.2]

Plumbing Fixtures:
Plumbing fixture calculations are permitted to be based upon actual occupant loads in lieu of calculated loads [2902.1.1 Exc.2]
Fixtures located within family toilet rooms are permitted to be included in the number of required fixtures for either the male or female occupants in assembly occupancies. [2902.1.2]

Required fixtures for restrooms serving A-5 Occupancy:
1 water closet per 100 male for first 1,500, 1 per 120 for remainder
1 water closet per 50 female for first 1,500, 1 per 60 for remainder
1 lavatory per 200 males, 1 per 150 females
1 drinking fountain per 1,000 occupants [Table 2902.1]

Based upon actual occupant load served of 600, a total of 3 male and 6 female water closets are required and 2 lavatories for each male and female required. A family restroom is provided with one water closet and one lavatory which will contribute to female fixture counts.

Variance:
A variance will be obtained to exempt this building from the Energy Code.



5A LIFE SAFETY PLAN - Bldg005 - JV Dugout
1/16" = 1'-0"

4A LIFE SAFETY PLAN - Bldg004 - JV Dugout
1/16" = 1'-0"

2A LIFE SAFETY PLAN - Bldg002 - Home Dugout
1/16" = 1'-0"

1A LIFE SAFETY PLAN - Bldg001 - Concessions
1/16" = 1'-0"

MSD of Lawrence Township



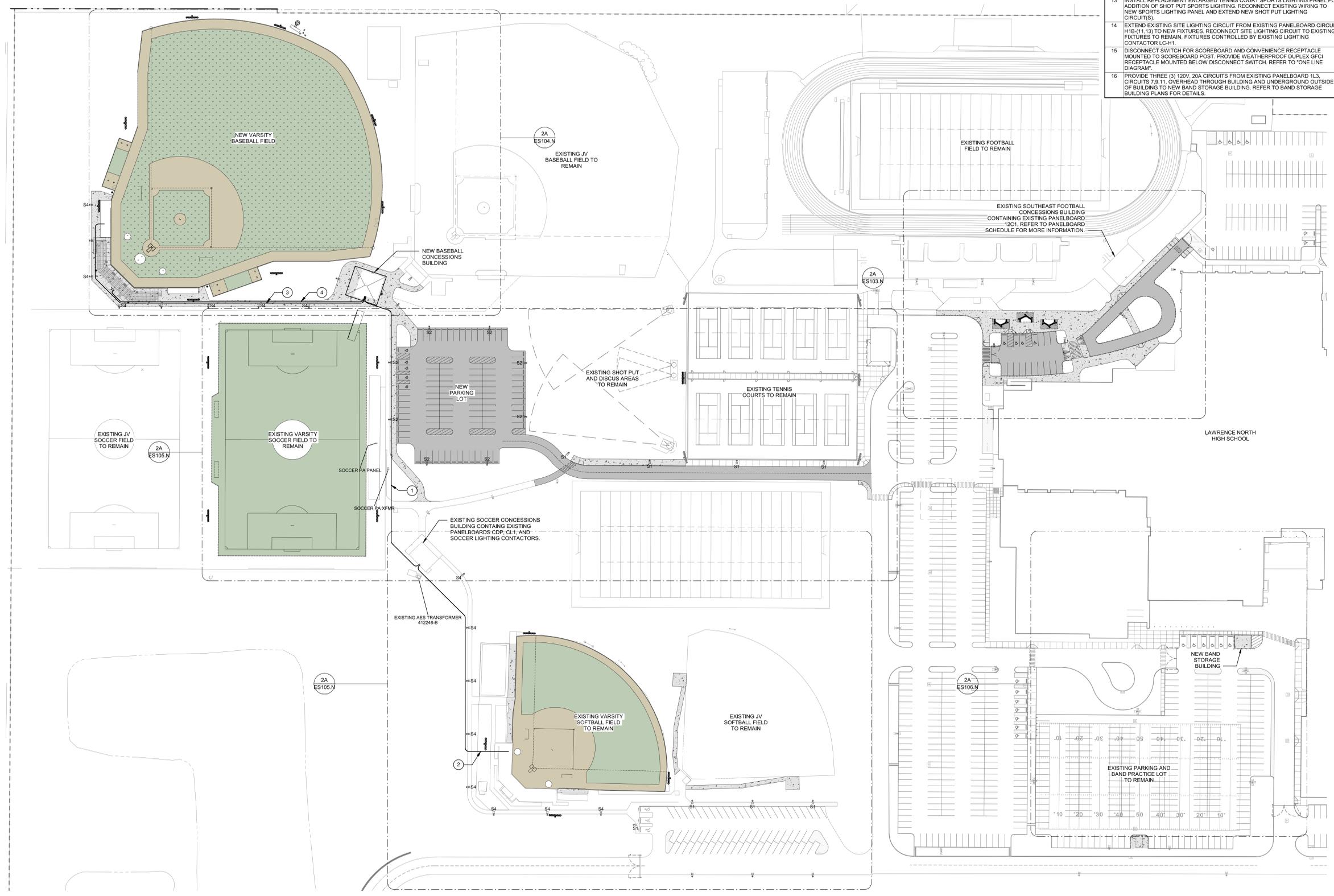
Lawrence North Athletic Fields

LIFE SAFETY PLANS
G-100.N

6 5 4 3 2 1

GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
C	UNDERGROUND CONDUIT MAY NOT RUN UNDER SYNTHETIC TURF OR WITHIN REGULATION PLAYING AREA OF NATURAL TURF FIELDS UNO. COORDINATE CONDUIT ROUTING WITH ATHLETIC FIELDS.

SITE PLAN NOTES	
#	NOTES
1	PROVIDE UNDERGROUND FEEDER TO NEW DISTRIBUTION PANELBOARD 14CSP1 IN NEW BASEBALL CONCESSIONS STAND. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
2	PROVIDE UNDERGROUND FEEDER TO NEW PANELBOARD 14SB1 AND BRANCH CIRCUIT TO SOFTBALL SPORTS LIGHTING PANEL IN EXISTING SOFTBALL HOME DUGOUT STORAGE ROOM. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
3	PROVIDE UNDERGROUND FEEDERS TO PANELBOARD 14BS1 IN NEW BASEBALL HOME DUGOUT. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
4	PROVIDE UNDERGROUND FEEDERS TO TRANSFORMER T-PB1 UNDER ELEVATED PRESS BOX. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
5	PROVIDE NEW POLE LIGHT FIXTURE ON +4" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
6	PROVIDE NEW POLE LIGHT FIXTURE ON +4" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
7	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL HOME DUGOUT STORAGE ROOM.
8	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOCCER CONCESSIONS BUILDING.
9	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOFTBALL HOME DUGOUT STORAGE ROOM.
A1	PROVIDE EQUIPMENT MOUNTING FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-503.
11	PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.
12	ROUTE CIRCUIT TO NEW REPLACEMENT TENNIS COURT SPORTS LIGHTING CONTROL PANEL ON NORTH SIDE OF TENNIS COURT SHELTER.
13	INSTALL REPLACEMENT ENLARGED TENNIS COURT SPORTS LIGHTING PANEL FOR ADDITION OF SHOT PUT SPORTS LIGHTING. RECONNECT EXISTING WIRING TO NEW SPORTS LIGHTING PANEL AND EXTEND NEW SHOT PUT LIGHTING CIRCUIT(S).
14	EXTEND EXISTING SITE LIGHTING CIRCUIT FROM EXISTING PANELBOARD CIRCUIT H1B-11 (3) TO NEW FIXTURES. RECONNECT SITE LIGHTING CIRCUIT TO EXISTING FIXTURES TO REMAIN. FIXTURES CONTROLLED BY EXISTING LIGHTING CONTACTOR LG-H.
15	DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO ONE LINE DIAGRAM.
16	PROVIDE THREE (3) 120V, 20A CIRCUITS FROM EXISTING PANELBOARD 1L3, CIRCUITS 7, 9, 11, OVERHEAD THROUGH BUILDING AND UNDERGROUND OUTSIDE OF BUILDING TO NEW BAND STORAGE BUILDING. REFER TO BAND STORAGE BUILDING PLANS FOR DETAILS.



Project No. 2018-050.LNA
 Project Date 06.22.2022
 Produced EAG



These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.

#	Revision	Date
A1	Addedendum #1	07.14.2022

7802 Hague Rd.
 Indianapolis, IN 46256

MSD of Lawrence Township



Lawrence North Athletic Fields

SITE PLAN - OVERALL

ES102.N

1A SITE PLAN - OVERALL
 1" = 60'-0"

6 5 4 3 2 1

DATE PLOTTED: 07/14/2022 10:00:00 AM
 PROJECT: 2018-050.LNA - Lawrence North High School Athletic Fields
 SHEET: ES102.N - SITE PLAN - OVERALL
 DRAWN BY: J. H. [unreadable]
 CHECKED BY: [unreadable]
 PLOTTED BY: [unreadable]

6 5 4 3 2 1

E D C B A

GENERAL SITE NOTES

NOTES

A REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.

B REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.

C UNDERGROUND CONDUIT MAY NOT RUN UNDER SYNTHETIC TURF OR WITHIN REGULATION PLAYING AREA OF NATURAL TURF FIELDS UNO. COORDINATE CONDUIT ROUTING WITH ATHLETIC FIELDS.

SITE PLAN NOTES

NOTES

1 PROVIDE UNDERGROUND FEEDER TO NEW DISTRIBUTION PANELBOARD 14CDSP1 IN NEW BASEBALL CONCESSIONS STAND. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.

2 PROVIDE UNDERGROUND FEEDER TO NEW PANELBOARD 14SB1 AND BRANCH CIRCUIT TO SOFTBALL SPORTS LIGHTING PANEL IN EXISTING SOFTBALL HOME DUGOUT STORAGE ROOM. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.

3 PROVIDE UNDERGROUND FEEDERS TO PANELBOARD 14BB1 IN NEW BASEBALL HOME DUGOUT. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.

4 PROVIDE UNDERGROUND FEEDERS TO TRANSFORMER T-PB1 UNDER ELEVATED PRESS BOX. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.

5 PROVIDE NEW POLE LIGHT FIXTURE ON +4" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.

6 PROVIDE NEW POLE LIGHT FIXTURE ON +42" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.

7 ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL HOME DUGOUT STORAGE ROOM.

8 ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOCCER CONCESSIONS BUILDING.

9 ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOFTBALL HOME DUGOUT STORAGE ROOM.

10 PROVIDE EQUIPMENT MOUNTING FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-503.

11 PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.

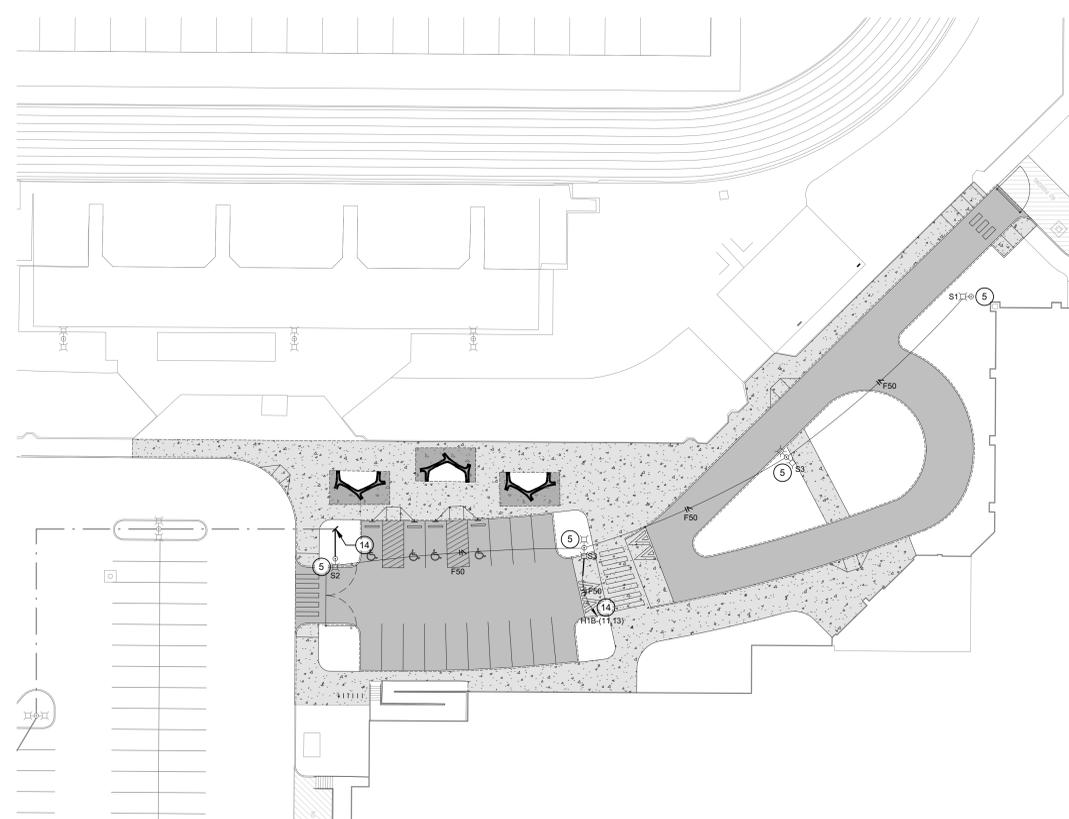
12 ROUTE CIRCUIT TO NEW REPLACEMENT TENNIS COURT SPORTS LIGHTING CONTROL PANEL ON NORTH SIDE OF TENNIS COURT SHELTER.

13 INSTALL REPLACEMENT ENLARGED TENNIS COURT SPORTS LIGHTING PANEL FOR ADDITION OF SHOT PUT SPORTS LIGHTING. RECONNECT EXISTING WIRING TO NEW SPORTS LIGHTING PANEL AND EXTEND NEW SHOT PUT LIGHTING CIRCUITS.

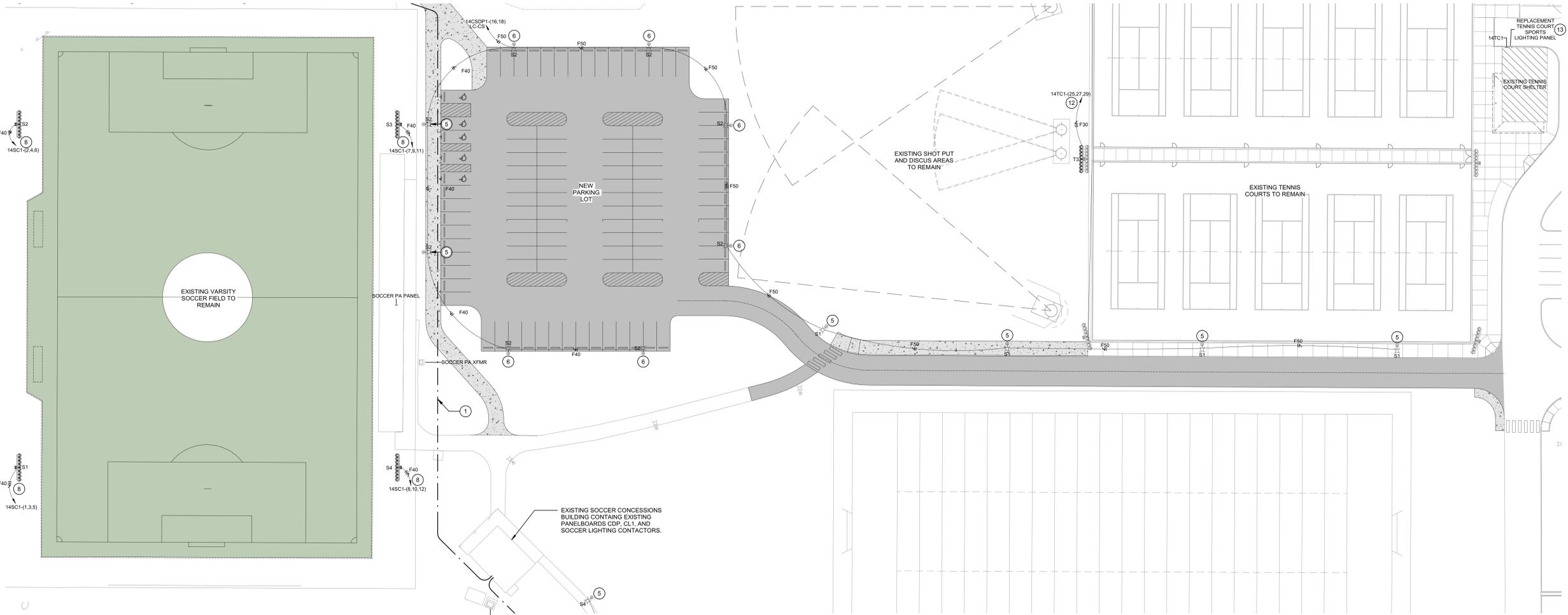
14 EXTEND EXISTING SITE LIGHTING CIRCUIT FROM EXISTING PANELBOARD CIRCUIT H1B-(11,13) TO NEW FIXTURES. RECONNECT SITE LIGHTING CIRCUIT TO EXISTING FIXTURES TO REMAIN. FIXTURES CONTROLLED BY EXISTING LIGHTING CONTACTOR LG-H1.

15 DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO "ONE-LINE DIAGRAM".

16 PROVIDE THREE (3) 120V, 20A CIRCUITS FROM EXISTING PANELBOARD 1L3. CIRCUITS 7,8,11. OVERHEAD THROUGH BUILDING AND UNDERGROUND OUTSIDE OF BUILDING TO NEW BAND STORAGE BUILDING. REFER TO BAND STORAGE BUILDING PLANS FOR DETAILS.



2D SITE PLAN - PLAZA
1" = 30'-0"



1A SITE PLAN - SOCCER, PARKING, & SHOTPUT
1" = 30'-0"

6 5 4 3 2 1



Project No. 2018-050.LNA
Project Date 06.22.2022
Produced EAG



#	Revision	Date
A1	Addedendum #1	07.14.2022

7802 Hague Rd,
Indianapolis, IN 46256

MSD of Lawrence Township



Lawrence North Athletic Fields

SITE PLAN - PLAZA,
SOCCER & PARKING

ES104.N

EXISTING VARSITY SOCCER FIELD TO REMAIN
 EXISTING SOCCER CONCESSIONS BUILDING CONTAINING EXISTING PANELBOARDS, COP, CL1, AND SOCCER LIGHTING CONTACTORS.
 EXISTING SHOT PUT AND DISCUS AREAS TO REMAIN
 EXISTING TENNIS COURTS TO REMAIN
 EXISTING AES TRANSFORMER 412248-B

6 5 4 3 2 1

GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
C	UNDERGROUND CONDUIT MAY NOT RUN UNDER SYNTHETIC TURF OR WITHIN REGULATION PLAYING AREA OF NATURAL TURF FIELDS UNO. COORDINATE CONDUIT ROUTING WITH ATHLETIC FIELDS.

SITE PLAN NOTES	
#	NOTES
1	PROVIDE UNDERGROUND FEEDER TO NEW DISTRIBUTION PANELBOARD 14CSDP1 IN NEW BASEBALL CONCESSIONS STAND. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
2	PROVIDE UNDERGROUND FEEDER TO NEW PANELBOARD 14SB1 AND BRANCH CIRCUIT TO SOFTBALL SPORTS LIGHTING PANEL IN EXISTING SOFTBALL HOME DUGOUT STORAGE ROOM. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
3	PROVIDE UNDERGROUND FEEDERS TO PANELBOARD 14BB1 IN NEW BASEBALL HOME DUGOUT. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
4	PROVIDE UNDERGROUND FEEDERS TO TRANSFORMER T-PB1 UNDER ELEVATED PRESS BOX. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
5	PROVIDE NEW POLE LIGHT FIXTURE ON +6" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
6	PROVIDE NEW POLE LIGHT FIXTURE ON +42" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
7	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL HOME DUGOUT STORAGE ROOM.
8	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOCCER CONCESSIONS BUILDING.
9	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOFTBALL HOME DUGOUT STORAGE ROOM.
10	PROVIDE EQUIPMENT MOUNTING FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-503.
11	PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.
12	ROUTE CIRCUIT TO NEW REPLACEMENT TENNIS COURT SPORTS LIGHTING CONTROL PANEL ON NORTH SIDE OF TENNIS COURT SHELTER.
13	INSTALL REPLACEMENT ENLARGED TENNIS COURT SPORTS LIGHTING PANEL FOR ADDITION OF SHOT PUT SPORTS LIGHTING. RECONNECT EXISTING WIRING TO NEW SPORTS LIGHTING PANEL AND EXTEND NEW SHOT PUT LIGHTING CIRCUITS.
14	EXTEND EXISTING SITE LIGHTING CIRCUIT FROM EXISTING PANELBOARD CIRCUIT H1B-(11,13) TO NEW FIXTURES. RECONNECT SITE LIGHTING CIRCUIT TO EXISTING FIXTURES TO REMAIN. FIXTURES CONTROLLED BY EXISTING LIGHTING CONTROLLER LGH1.
15	DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO "ONE LINE DIAGRAM".
16	PROVIDE THREE (3) 120V, 20A CIRCUITS FROM EXISTING PANELBOARD 1L3, CIRCUITS 7.9, 11, OVERHEAD THROUGH BUILDING AND UNDERGROUND OUTSIDE OF BUILDING TO NEW BAND STORAGE BUILDING. REFER TO BAND STORAGE BUILDING PLANS FOR DETAILS.



Project No. 2018-050.LNA
 Project Date 06.22.2022
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#	Revision	Date
A1	Addedendum #1	07.14.2022

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 Indianapolis, IN 46256

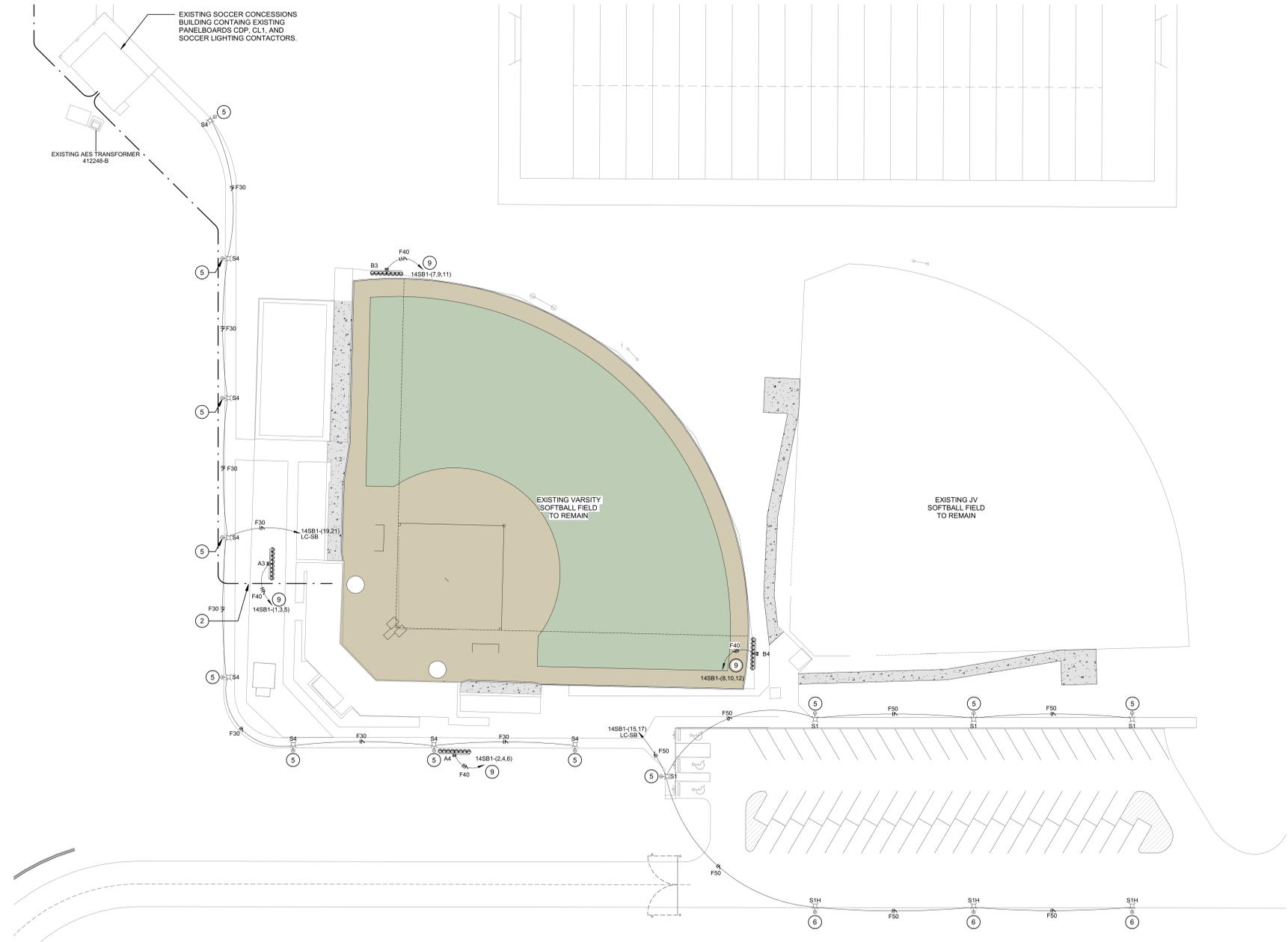
MSD of Lawrence Township



Lawrence North Athletic Fields

SITE PLAN - SOFTBALL

ES105.N



2A SITE PLAN - SOFTBALL
 1" = 30'-0"

6 5 4 3 2 1

2022.06.22 10:45 AM SCHMIDT ASSOCIATES
 2022.06.22 10:45 AM SCHMIDT ASSOCIATES
 2022.06.22 10:45 AM SCHMIDT ASSOCIATES
 2022.06.22 10:45 AM SCHMIDT ASSOCIATES

6

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4

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1

E

D

C

B

A

GENERAL DEMOLITION NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
C	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
D	THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
E	THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
F	ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN COMPLETE.
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
H	COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
I	PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
J	PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
K	REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. REINSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.

DEMOLITION PLAN NOTES	
#	NOTES
1	DISCONNECT AND REMOVE EXISTING SOCCER SPORTS LIGHTING CONTACTORS. REMOVE EXISTING WIRING COMPLETE. EXISTING CONTACTOR(S) FOR BUILDING EXTERIOR AND PATHWAY POLES TO REMAIN.
2	DISCONNECT AND REMOVE WIRING FROM EXISTING FUSED DISCONNECT SWITCHES FEEDING SOCCER SPORTS LIGHTING CONTACTORS IN EXISTING SWITCHBOARD CDP. RELABEL SWITCHES AS SPARES. REFER TO PANELBOARD SCHEDULES.



SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2018-050.LNA
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Sarah K. Hempstead

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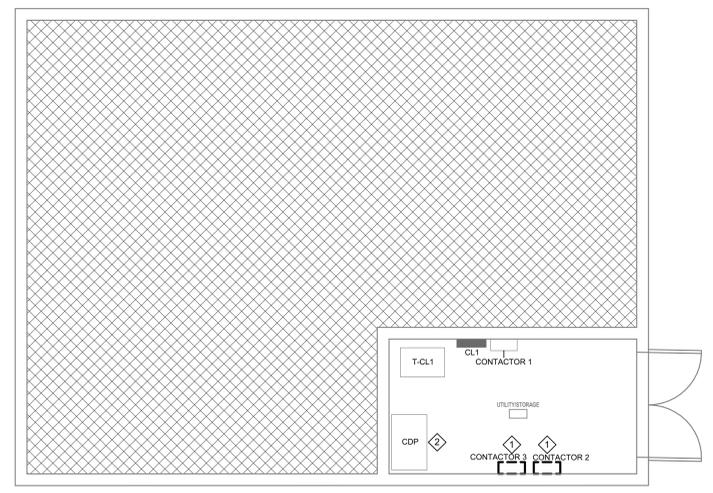
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Lawrence North Athletic Fields

ATHLETICS BUILDINGS
DEMOLITION PLANS

ED101.N



2A SOCCER CONCESSION DEMOLITION PLAN
1/4" = 1'-0"

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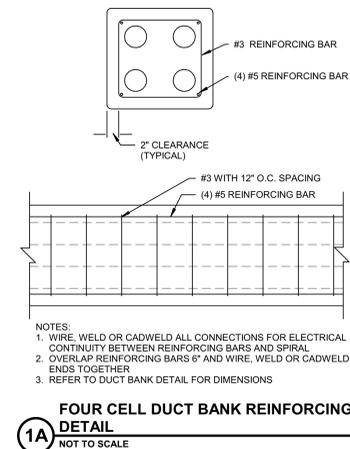
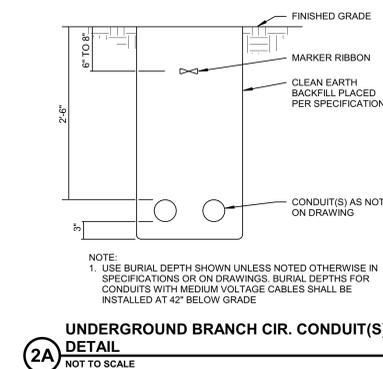
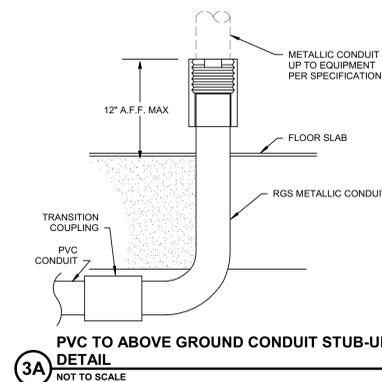
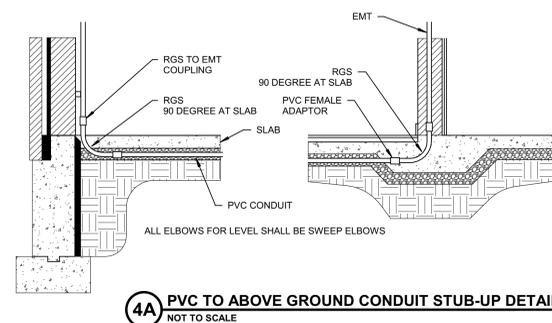
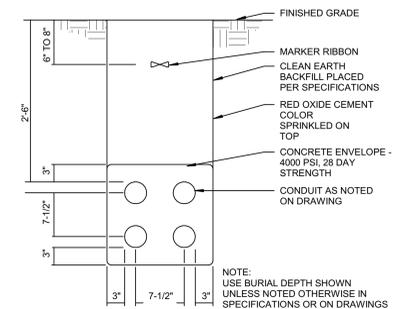
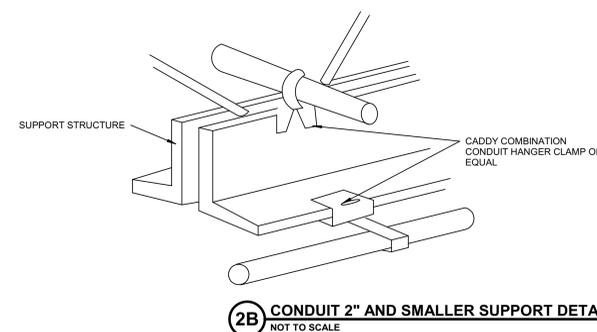
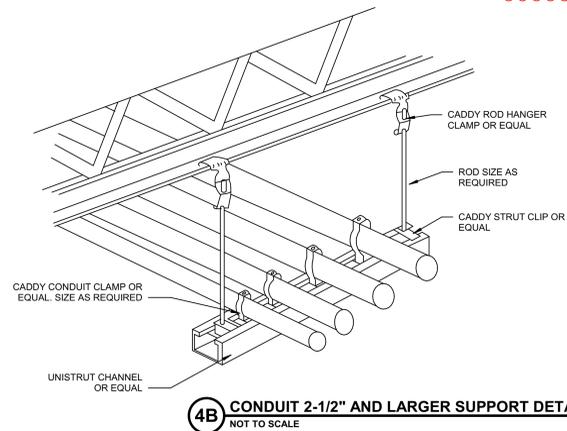
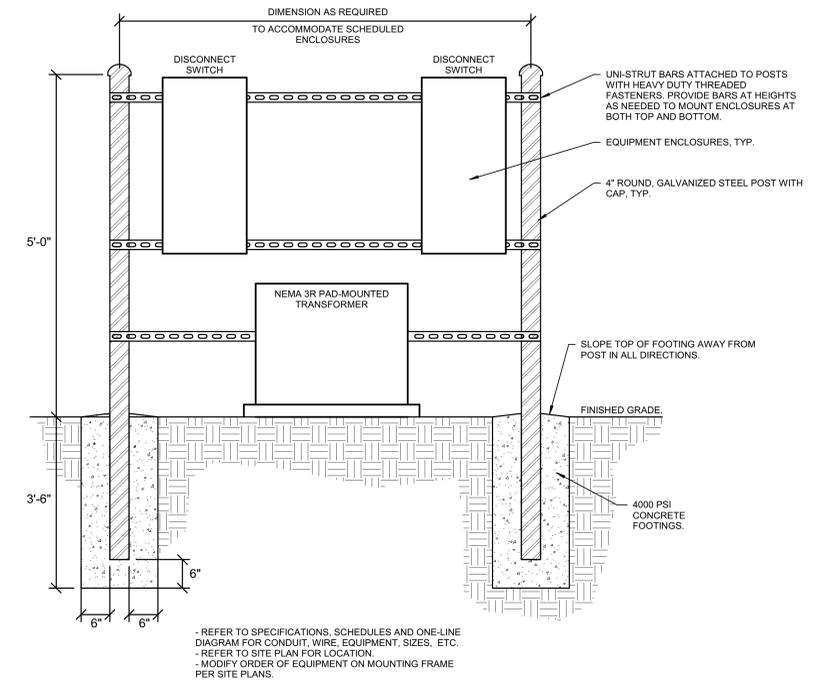
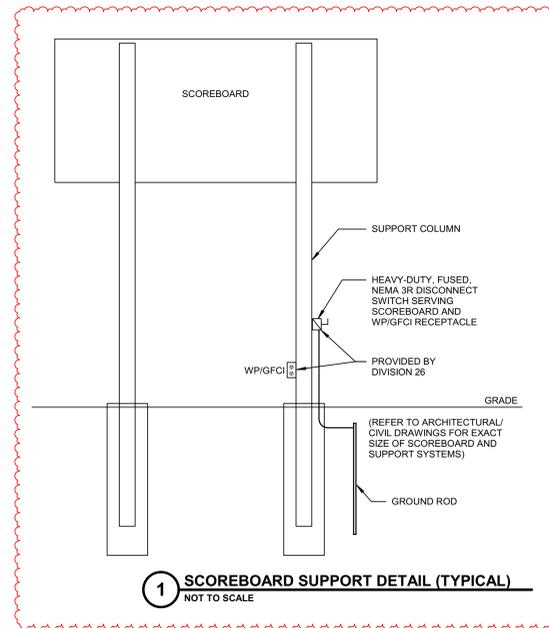
MSD of Lawrence Township



Lawrence North Athletic Fields

GENERAL DETAILS

E-503.N



NOTES:
 1. WIRE, WELD OR CADWELD ALL CONNECTIONS FOR ELECTRICAL CONTINUITY BETWEEN REINFORCING BARS AND SPIRAL
 2. OVERLAP REINFORCING BARS 6\"/>

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GENERAL LIGHT FIXTURE SCHEDULE NOTES	
#	NOTES
A	PROVIDE LAMPS FOR ALL LIGHT FIXTURES SPECIFIED.
B	REFER TO LIGHT FIXTURE SCHEDULE AND REFLECTED CEILING PLANS FOR MOUNTING REQUIREMENTS, CEILING TYPES, AND FINAL LOCATIONS. PROVIDE APPROPRIATE MOUNTING TRIM REQUIRED FOR CEILING TYPE.
C	PROVIDE FACTORY INSTALLED DISCONNECTS FOR ALL LINEAR FIXTURES.
D	PROVIDE VIBRATION DAMPERS FOR ALL ALUMINUM & STEEL POLES 20'-0" AND ABOVE.
E	PROVIDE SELF-DIAGNOSTICS AND SELF-TESTING FOR ALL LIFE SAFETY FIXTURES (EXIT FIXTURES, WALL PACKS, INVERTERS BALLASTS, ETC.)



SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

Project No. 2018-050.LNA
Project Date 06.22.2022
Produced EAG



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#	Revision	Date
A1	Addedendum #1	07.14.2022

265119/265619/26213.1 - INTERIOR/EXTERIOR/EMERGENCY & EXIT LIGHT FIXTURES SCHEDULE												
LABEL	DESCRIPTION	VOLTAGE	TYPE	SOURCE			MOUNTING	LENS/REFLECTOR	CERTIFICATIONS	ACCEPTABLE MANUFACTURERS	LABEL	
				LUMENS	WATTS	CCT						
L1	4' LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120/277 V	LED	3,000 LM	27 W	3500 K	SURFACE MOUNTED	SEMI-FROSTED CURVED LENS	DLIC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L1	
L2	4' LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH.	120/277 V	LED	3,000 LM	27 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED CURVED LENS	DLIC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L2	
L2E	4' LENSED LED STRIP LIGHT, 0-10V DIMMING, WHITE FINISH. INTEGRAL BATTERY INVERTER.	120/277 V	LED	3,000 LM	27 W	3500 K	CHAIN MOUNTED TO STRUCTURE	SEMI-FROSTED CURVED LENS	DLIC	METALUX SNLED COLUMBIA MPS LITHONIA CLX	L2E	
L3	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	6,400 LM	69 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLIC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L3	
L3E	2X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING. INTEGRAL BATTERY INVERTER.	120/277 V	LED	6,400 LM	69 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLIC	METALUX 24FP COLUMBIA SRP24 LITHONIA EPANL 24	L3E	
L4	1X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING.	120/277 V	LED	3,000 LM	27 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLIC	METALUX 14FP COLUMBIA SRP14 LITHONIA EPANL 14	L4	
L4E	1X4 EDGE LIT LED FLAT PANEL, 0-10V DIMMING. INTEGRAL BATTERY INVERTER.	120/277 V	LED	3,000 LM	27 W	3500 K	RECESSED IN GRID	WHITE FROST ACRYLIC	DLIC	METALUX 14FP COLUMBIA SRP14 LITHONIA EPANL 14	L4E	
L5	4" SQUARE LED DOWNLIGHT, SELF-FLANGED TRIM, 0-10V DIMMING.	120/277 V	LED	1,000 LM	11 W	3500 K	RECESSED IN DRYWALL	SEMI-SPECULAR CLEAR	ES	PORTFOLIO LDSQ4B PRESCOLITE LTR-4SQD GOHAM EVO	L5	
L6	LED WALL LIGHT, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, DARK BRONZE FINISH. U.L. LISTED FOR WET LOCATIONS.	120/277 V	LED	2,200 LM	30 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	N/A	MCGRAW-EDISON ISS SPAULDING QSP LITHONIA WSQ	L6	
L7	4" LED VAPORTIGHT FIXTURE, FIBERGLASS HOUSING, U.L. LISTED WET LOCATION.	120/277 V	LED	4,000 LM	38 W	3500 K	SURFACE/CEILING	IMPACT RESISTANT, GASKETED PRISMATIC LENS	DLIC	METALUX 4V7Z COLUMBIA LXM4 LITHONIA FEM LED	L7	
L7E	4" LED VAPORTIGHT FIXTURE, FIBERGLASS HOUSING, U.L. LISTED WET LOCATION. INTEGRAL BATTERY INVERTER.	120/277 V	LED	4,000 LM	38 W	3500 K	SURFACE/CEILING	IMPACT RESISTANT, GASKETED PRISMATIC LENS	DLIC	METALUX 4V7Z COLUMBIA LXM4 LITHONIA FEM LED	L7E	
L8	LED WALL LIGHT, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, DARK BRONZE FINISH. U.L. LISTED FOR WET LOCATIONS. INTEGRAL PHOTOCELL CONTROL.	120/277 V	LED	2,200 LM	30 W	4000 K	WALL MOUNTED	TYPE III DISTRIBUTION	N/A	MCGRAW-EDISON ISS SPAULDING QSP LITHONIA WSQ	L8	
S1	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	480 V	LED	25,000 LM	150 W	4000 K	30' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE III DISTRIBUTION	N/A	LUMARK PRV-XL BEACON VPS LITHONIA RSX2 LED	S1	
S1H	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	480 V	LED	25,000 LM	150 W	4000 K	30' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE III DISTRIBUTION	N/A	LUMARK PRV-XL BEACON VPS LITHONIA RSX2 LED	S1H	
S2	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	480 V	LED	25,000 LM	150 W	4000 K	30' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE IV DISTRIBUTION	N/A	LUMARK PRV-XL BEACON VPS LITHONIA RSX2 LED	S2	
S3	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (2) HEADS, 180" APART.	480 V	LED	25,000 LM	300 W	4000 K	30' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE IV DISTRIBUTION	N/A	LUMARK PRV-XL BEACON VPS LITHONIA RSX2 LED	S3	
S4	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	480 V	LED	10,000 LM	80 W	4000 K	12' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE III DISTRIBUTION	N/A	LUMARK PRV BEACON VPS LITHONIA RSX1	S4	
S5	LED SITE FIXTURE, SINGLE-PIECE ALUMINUM HOUSING, ARM MOUNT, U.L. LISTED WET LOCATION, DARK BRONZE FINISH. ROUND, STRAIGHT, STEEL, POLE DESIGNED TO SUPPORT FIXTURE(S) IN 100 MPH WINDS WITH 1.3 GUST FACTOR. PRIMARY FUSES, FLAT LENS, SURGE PROTECTION, (1) HEAD.	480 V	LED	10,000 LM	80 W	4000 K	12' POLE, BASE BY DIVISION 26 CONTRACTOR	TYPE V DISTRIBUTION	N/A	LUMARK PRV BEACON VPS LITHONIA RSX1	S5	
S6	LED FLOOD LIGHT WITH KNUCKLE BASE AND VISOR, DIE-CAST ALUMINUM HOUSING, HINGED DOOR FRAME, DARK BRONZE FINISH, U.L. LISTED FOR WET LOCATIONS.	277 V	LED	5,500 LM	52 W	4000 K	KNUCKLE MOUNT ON IN GROUND CONCRETE FOUNDATION	IMPACT RESISTANT TEMPERED GLASS SPOT DISTRIBUTION	N/A	LUMARK RFFLD-S HUBBELL OUTDOOR MHS LITHONIA QTE LED	S6	

262913.1 - LIGHTING CONTACTORS SCHEDULE													
LABEL	LOCATION		EQUIPMENT RATINGS					COIL CIRCUIT			CONTROL	CIRCUIT(S) CONTROLLED	REMARKS
	NUMBER	NAME	VOLTAGE	AMPERAGE	POLES	NEMA ENCL	ACCESSORIES	VOLTAGE	PANEL	CIRCUIT			
LC-CS	U103	UTILITY	600 V	30 A	12	NEMA 1	H-O-A PILOT LIGHT	277 V	14CSDP1	8	PHOTOCELL LOCATED ON ROOF	14CSDP1-6,12,14,16,18,26	
LC-SB			600 V	30 A	8	NEMA 1	H-O-A PILOT LIGHT	277 V	14SB1	13	PHOTOCELL LOCATED ON ROOF	14SB1-15,17,19,21	

263323.1 - CENTRAL BATTERY EQUIPMENT FOR EMERGENCY LIGHTING SCHEDULE												
LABEL	LOCATION		EQUIPMENT RATINGS				INPUT/OUTPUT CIRCUIT		ACCESSORIES		REMARKS	
	NUMBER	NAME	VOLTAGE	MINIMUM OUTPUT FOR 90-MINUTES (WVA)	MOUNT	NEMA ENCL	PANEL	CIRCUIT				
MI-CS	U103	UTILITY	120/277V	110	SURFACE	1	14CSDP1	10	SELF-DIAGNOSTICS OVERRIDE FOR 0-10V DIMMING SYSTEM			

262213.1 - LOW-VOLTAGE DISTRIBUTION TRANSFORMERS SCHEDULE																	
LABEL	LOCATION		EQUIPMENT SERVED	EQUIPMENT RATINGS					VOLTAGE		CONNECTION		FEEDER SIZES		GROUNDING / BONDING		REMARKS
	NUMBER	NAME		KVA	PHASE	TYPE	MOUNT	NEMA ENCL	PRIMARY	SECONDARY	PRIMARY	SECONDARY	PRIMARY	SECONDARY	GEC	SBJ / SSBJ	
T-BB1			PANELBOARD 12BB1	30	3	DRY	FLOOR	2	480 V	208Y/120	DELTA	WYE	F50	F100	1#6GND, 1°C	1#6GND, 1°C	
T-CS1	U103	UTILITY	PANELBOARD 12CS1	45	3	DRY	FLOOR	2	480 V	208Y/120	DELTA	WYE	F70	F175	1#4GND, 1°C	1#4GND, 1°C	
T-PB1			PANELBOARD BBPB	30	3	DRY	FLOOR	2	480 V	208Y/120	DELTA	WYE	F50	F100	1#6GND, 1°C	1#6GND, 1°C	

262816.1 - ENCLOSED SWITCHES & CIRCUIT BREAKERS SCHEDULE												
LABEL	LOCATION		EQUIPMENT SERVED	EQUIPMENT RATINGS					ACCESSORIES		REMARKS	
	NUMBER	NAME		VOLTAGE	POLES	AMPERAGE	FUSED	FUSE SIZE	NEMA ENCL	AUX. CONTACTS		SOLID NEUTRAL
DS-1	U103	UTILITY	DWH-1	600 V	3	30 A	Yes	20 A	1	(1) N.O. / N.C.	No	
DS-2			TRANSFORMER T-PB1	600 V	3	60 A	Yes	50 A	3R	(1) N.O. / N.C.	No	
DS-3			PANELBOARD PB	240 V	3	100 A	Yes	100 A	3R	(1) N.O. / N.C.	Yes	
DS-4			BASEBALL SCOREBOARD AND RECEPTACLE	240 V	2	30 A	Yes	20 A	3R	(1) N.O. / N.C.	Yes	

262913/262923.1 - ENCLOSED & VARIABLE-FREQUENCY MOTOR CONTROLLERS SCHEDULE														
LABEL	LOCATION		EQUIPMENT SERVED	EQUIPMENT RATINGS					STARTER		DISCONNECT SWITCH		REMOTE CAPACITOR	REMARKS
	NUMBER	NAME		VOLTAGE	PHASE	HP	FLA	NEMA ENCL	TYPE	NEMA SIZE	TYPE	FUSE SIZE		
MS-1	U103	UTILITY	EF-1	120 V	1	1/2	9.8 A	1	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS
MS-2	U103	UTILITY	EF-2	120 V	1	1/6	4.4 A	1	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS
MS-3	U103	UTILITY	HWCP-1	120 V	1	1/12	1.6 A	1	1	-	-	-	-	FRACTIONAL HORSEPOWER RATED TOGGLE SWITCH WITH THERMAL OVERLOADS

7802 Hague Rd,
Indianapolis, IN 46256

MSD of Lawrence Township



Lawrence North Athletic Fields

LIGHTING AND EQUIPMENT SCHEDULES

E-603.N

4/24/2022 10:58 AM
 2018-050.LNA
 2022-07-14 10:58 AM
 2022-07-14 10:58 AM

BRANCH PANELBOARD SCHEDULE													
DESIGNATION: 12BB1													
LOCATION: STOR W103													
MOUNTING: SURFACE													
SUPPLY FROM: T-BB1													
VOLTS: 208Y/120 V													
PHASES: 3													
WIRES: 4													
AIC RATING: 10,000 A													
MAINS RATING: 100 A													
MAINS TYPE: MCB													
MCB RATING: 100 A													
MCB OPTIONS:													
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	
1	BBALL H. DUGOUT STORAGE	RECEPTS	20 A	1	0.72	0.00				1	20 A	RECEPTS	2
3	BBALL H. DUGOUT EXTERIOR	RECEPTS	20 A	1		0.36	0.36			1	20 A	RECEPTS	4
5	BBALL H. DUGOUT	RECEPTS	20 A	1			0.36	0.36		1	20 A	RECEPTS	6
7	BBALL H. VEHICLE STORAGE	RECEPT	20 A	1	0.18	0.00				1	20 A	RECEPTS	8
9	BASEBALL SPORTS LTG PANEL	CTRL	20 A	1		0.50	0.00			1	20 A	SPARE	10
11	BASEBALL HOME DUGOUT	LIGHTING	20 A	1			0.23	0.00		1	20 A	SPARE	12
13	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	14
15	SPARE		20 A	1		0.00	0.00			1	20 A	SPARE	16
17	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	18
19	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	20
21	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	22
23	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	24
25	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	26
27	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	28
29	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	30
TOTAL LOAD:					0.90 kVA	1.22 kVA		0.60	0.00		1	20 A	SPARE
TOTAL AMPS:					8 A	10 A		8 A					
TOTAL CONNECTED LOAD: 3.07 kVA													
TOTAL CONNECTED AMPS: 10 A													
TOTAL DEMAND LOAD: 3.13 kVA													
TOTAL DEMAND AMPS: 9 A													

BRANCH PANELBOARD SCHEDULE													
DESIGNATION: 12CS1													
LOCATION: UTILITY U103													
MOUNTING: SURFACE													
SUPPLY FROM: T-CS1													
VOLTS: 208Y/120 V													
PHASES: 3													
WIRES: 4													
AIC RATING: 10,000 A													
MAINS RATING: 225 A													
MAINS TYPE: MCB													
MCB RATING: 175 A													
MCB OPTIONS:													
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	
1	U105, U106, U107	RECEPTS	20 A	1	0.54	1.50				1	20 A	HAND D U105	2
3	U102	RECEPT	20 A	1		0.18	1.50			1	20 A	HAND D U106	4
5	U101	RECEPTS	20 A	1			0.54	1.50		1	20 A	HAND D U106	6
7	U103	RECEPTS	20 A	1	0.36	1.50				1	20 A	HAND D U107	8
9	U104	REFRIG	20 A	1		1.20	1.50			1	20 A	HAND D U107	10
11	U104	RECEPT	20 A	1			0.18	0.00		1	20 A	SPARE	12
13	U104	RECEPT	20 A	1	0.18	0.00				1	20 A	SPARE	14
15	U104	RECEPT	20 A	1		0.18	0.00			1	20 A	SPARE	16
17	U104	RECEPT	20 A	1			1.00	0.00		1	20 A	SPARE	18
19	U104	RECEPT	20 A	1	1.00	0.00				1	20 A	SPARE	20
21	U104	RECEPT	20 A	1		1.00	0.00			1	20 A	SPARE	22
23	U104	RECEPT	20 A	1			1.00	0.00		1	20 A	SPARE	24
25	BUILDING EXTERIOR	RECEPTS	20 A	1	0.36	0.00				1	20 A	SPARE	26
27	BUILDING EXTERIOR	RECEPTS	20 A	1		0.36	0.00			1	20 A	SPARE	28
29	U103	EF-2	20 A	1			0.53	0.00		1	20 A	SPARE	30
31	U103	EF-1	20 A	1	1.18	0.00				1	20 A	SPARE	32
33	U103	HWCP-1	20 A	1		0.19	0.00			1	20 A	SPARE	34
35	U104	EW-2	20 A	2		2.40	0.00			1	20 A	SPARE	36
37			20 A	1	2.40	0.00				1	20 A	SPARE	38
39	U101	EW-1	20 A	1		1.50	1.66			2	20 A	BASEBALL SCOREBOARD, RECEPT	40
41	UTILITY U103	DATA RK	20 A	1			0.36	1.66					42
TOTAL LOAD:					9.02 kVA	9.27 kVA		9.17 kVA					
TOTAL AMPS:					75 A	77 A		77 A					
TOTAL CONNECTED LOAD: 27.47 kVA													
TOTAL CONNECTED AMPS: 77 A													
TOTAL DEMAND LOAD: 24.50 kVA													
TOTAL DEMAND AMPS: 68 A													

BRANCH PANELBOARD SCHEDULE													
DESIGNATION: CL1													
LOCATION: STOR W103													
MOUNTING: SURFACE													
SUPPLY FROM: T-CL1													
VOLTS: 208Y/120 V													
PHASES: 3													
WIRES: 4													
AIC RATING: 10,000 A													
MAINS RATING: 225 A													
MAINS TYPE: MCB													
MCB RATING: 150 A													
MCB OPTIONS:													
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	
1	CONCESSIONS STANDING LIGHTS	EX	20 A	1	0.40	0.30				1	20 A	EX	2
3	SECURITY EXTERIOR LIGHTS	EX	20 A	1		0.20	0.50			1	20 A	EX	4
5	HOT DOG MACHINE	EX	20 A	1			0.50	1.00		1	20 A	EX	6
7	N. WALL RECEPT	EX	20 A	1	0.36	0.54				1	20 A	EX	8
9	POPCORN MACHINE	EX	20 A	1		1.00	1.00			1	20 A	EX	10
11	SOFT DRINK COOLER	EX	20 A	1		1.00	0.50			1	20 A	EX	12
13	CUSTODIAN HEATER	EX	20 A	1	1.00	0.50				1	20 A	EX	14
15	S. CONCESSIONS GFI	EX	20 A	1		0.36	0.18			1	20 A	EX	16
17	RAIN BIRD CONTROL BOX	EX	20 A	1			0.50	0.00		1	20 A	SPARE	18
19	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	20
21	SPARE		20 A	1		0.00	1.50			1	20 A	EX	22
23	SPACE		20 A	1			1.50			1	20 A	EX	24
25	SOCCER TICKET BOOTH	EX	20 A	1	0.36	0.18				1	20 A	EX	26
27	WALKWAY POLE LIGHTS	EX	20 A	2		0.50	1.00			1	30 A	EX	28
29	SPARE		20 A	1			0.50	1.00		1	20 A	EX	30
31	CONCESSIONS CABINET	EX	20 A	3	0.67	0.67				3	20 A	EX	32
33			20 A	1		0.67	0.67						34
35			20 A	1		0.67	0.67						36
37	MENS RR CABINET HEATER	EX	20 A	3	0.67	1.50				2	20 A	EX	38
39			20 A	1		0.67	1.50						40
41			20 A	1			0.67	1.00		1	20 A	PANELS	42
TOTAL LOAD:					7.14 kVA	9.74 kVA		9.50 kVA					
TOTAL AMPS:					60 A	84 A		82 A					
TOTAL CONNECTED LOAD: 26.38 kVA													
TOTAL CONNECTED AMPS: 81 A													
TOTAL DEMAND LOAD: 26.32 kVA													
TOTAL DEMAND AMPS: 73 A													

PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)					LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)	
C	CONTACTOR CONTROLLED				Receptacle - General	10480 VA	97.71%	10240 VA				
G	GFCI PROTECTED				Lighting - Interior	700 VA	125.00%	875 VA				
P	HANDLE LOCKING DEVICE				Lighting - Exterior	1700 VA	100.00%	1700 VA				
S	SHUNT TRIP				Mechanical - Motor	3500 VA	100.00%	3500 VA				
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI				Mechanical - Heating	10000 VA	100.00%	10000 VA				
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI											
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI											

NOTES: 1. PROVIDE NEW CIRCUIT BREAKER AND CONNECT TO INDICATED CIRCUIT.

BRANCH PANELBOARD SCHEDULE													
DESIGNATION: 14CS1													
LOCATION: STOR W103													
MOUNTING: SURFACE													
SUPPLY FROM: CDP													
VOLTS: 480Y/277 V													
PHASES: 3													
WIRES: 4													
AIC RATING: 35,000 A													
MAINS RATING: 100 A													
MAINS TYPE: MLO													
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	
1	SPORTS LIGHTING - SOCCER	POLE S1	20 A	3	1.95	1.95				3	20 A	POLE S2	2
3			20 A	3		1.95	1.95						4
5			20 A	3			1.95	1.95					6
7	SPORTS LIGHTING - SOCCER	POLE S3	20 A	3	1.95	1.95				3	20 A	POLE S4	8
9			20 A	3		1.95	1.95						10
11			20 A	3			1.95	1.95					12
13	SPARE		20 A	3	0.00	0.00				3	20 A	SPARE	14
15	SPARE		20 A	3		0.00	0.00						16
17	SPARE		20 A	3			0.00	0.00					18
19	SPARE		20 A	3	0.00	0.00				3	20 A	SPARE	20
21	SPARE		20 A	3			0.00	0.00					22
23	SPARE		20 A	3			0.00	0.00					24
25	SPARE		20 A	1	0.00	0.00				1	20 A	SPARE	26
27	SPARE		20 A	1		0.00	0.00			1	20 A	SPARE	28
29	SPARE		20 A	1			0.00	0.00		1	20 A	SPARE	30
TOTAL LOAD:					7.80 kVA	7.80 kVA		7.80 kVA					
TOTAL AMPS:					28 A	28 A		28 A					
TOTAL CONNECTED LOAD: 23.40 kVA													
TOTAL CONNECTED AMPS: 28 A													
TOTAL DEMAND LOAD: 23.40 kVA													
TOTAL DEMAND AMPS: 28 A													

BRANCH PANELBOARD SCHEDULE											
DESIGNATION: 14SB1											
LOCATION: STOR W103											
MOUNTING: SURFACE											
SUPPLY FROM: CDP											
VOLTS: 480Y/277 V											
PHASES: 3											
WIRES: 4											
AIC RATING: 18,000 A											
MAINS RATING: 100 A											
MAINS TYPE: MLO											
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P			

MSD of Lawrence Township Lawrence Central Athletic Fields

2018-050.LCA

7300 E. 56th Street
Indianapolis, IN 46226

06.22.2022

2018-050.LCA

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1 - General	
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G-100.C	LIFE SAFETY PLANS
2 - Site	
C-001.C	SITE GENERAL NOTES AND ABBREVIATIONS
1 OF 1	SITE SURVEY
1 OF 1	SITE SURVEY
1 OF 9	SITE SURVEY
2 OF 9	SITE SURVEY
3 OF 9	SITE SURVEY
4 OF 9	SITE SURVEY
5 OF 9	SITE SURVEY
6 OF 9	SITE SURVEY
7 OF 9	SITE SURVEY
8 OF 9	SITE SURVEY
9 OF 9	SITE SURVEY
CD101.C	SITE DEMOLITION PLAN
CD102.C	SITE DEMOLITION PLAN
CD103.C	SITE DEMOLITION PLAN
CD104.C	SITE DEMOLITION PLAN
CL100.C	OVERALL SITE PLAN
CL101.C	SITE LAYOUT PLAN
CL102.C	SITE LAYOUT PLAN - JV Soccer
CL103.C	SITE LAYOUT PLAN - Baseball
CL104.C	SITE LAYOUT PLAN - V Soccer
CL105.C	SITE LAYOUT PLAN - Parking
CL106.C	SITE LAYOUT PLAN - Softball Field
CL107.C	SITE LAYOUT PLAN - Baseball Alt.
CL108.C	SITE LAYOUT PLAN - V Soccer Alt.
CL109.C	SITE LAYOUT PLAN - Softball Field Alt.
CL110.C	SITE LAYOUT PLAN - Plaza
CL111.C	OVERALL FENCE & SIGNAGE PLAN
CL301.C	BLEACHER DETAILS
CL302.C	BLEACHER DETAILS
CL303.C	BLEACHER DETAILS
CL304.C	BLEACHER DETAILS
CL305.C	BLEACHER DETAILS
CL306.C	BLEACHER DETAILS
CL307.C	BLEACHER DETAILS
CL308.C	BLEACHER DETAILS
CL309.C	SEGMENTAL WALL DETAILS
CL310.C	SEGMENTAL WALL DETAILS
CL311.C	SEGMENTAL WALL DETAILS
CL312.C	SEGMENTAL WALL DETAILS
CL313.C	SEGMENTAL WALL DETAILS
CL314.C	SEGMENTAL WALL DETAILS
CL315.C	SEGMENTAL WALL DETAILS
CL316.C	SEGMENTAL WALL DETAILS
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CL501.C	SITE LAYOUT DETAILS
CL502.C	SITE LAYOUT DETAILS
CG102.C	SITE GRADING PLAN
CG103.C	SITE GRADING PLAN
CG104.C	SITE LAYOUT PLAN - JV Soccer
CG105.C	SITE GRADING PLAN
CG106.C	SITE GRADING PLAN
CG107.C	SITE GRADING PLAN
CG108.C	SITE GRADING PLAN
CG109.C	SITE GRADING PLAN
CG110.C	SITE GRADING PLAN
CJ102.C	SITE UTILITY PLAN
CJ103.C	SITE UTILITY PLAN
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SHEET INDEX	
Number	Sheet Name
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S-103	BASEBALL - AWAY DUGOUT
S-104	JV SOFTBALL - HOME DUGOUT
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S-400	TYPICAL FOUNDATION DETAILS
S-500	TYPICAL MASONRY DETAILS
S-600	STRUCTURAL NOTES
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A-101.C	CONCESSIONS/RM BUILDING - PLANS
A-102.C	BASEBALL - HOME DUGOUT
A-103.C	BASEBALL - VISITOR DUGOUT
A-104.C	JV SOFTBALL - HOME DUGOUT
A-105.C	JV SOFTBALL - VISITOR DUGOUT
A-201.C	CONCESSIONS/RM BUILDING - ELEVATIONS, SECTIONS, & DETAILS
A-600.C	DOOR & FRAME SCHEDULE
5 - Interiors	
IN101.C	CONCESSIONS INTERIOR PLANS AND ELEVATIONS
7 - Mechanical	
M-001	MECHANICAL SYMBOLS AND ABBREVIATIONS
MHA1	FIRST FLOOR HVAC PLAN
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P-001	PLUMBING SYMBOLS AND ABBREVIATIONS
PP101	PLUMBING PLANS AND SCHEDULES
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E-001.C	SYMBOLS & ABBREVIATIONS
E-002.C	GENERAL INFORMATION
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ES102.C	SITE PLAN - OVERALL
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EL101.C	ATHLETICS BUILDINGS LIGHTING PLANS
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ER101.C	ROOF PLAN
E-501.C	GROUNDING DETAILS
E-502.C	LIGHTING DETAILS
E-503.C	GENERAL DETAILS
E-601.C	ONE-LINE DIAGRAM
E-602.C	SCHEMATICS
E-603.C	LIGHTING & EQUIPMENT SCHEDULES
E-604.C	SPORTS LIGHTING SCHEDULES & DETAILS
E-605.C	PANEL BOARD SCHEDULES
10 - Telecommunications	
T-001.C	SYMBOLS & ABBREVIATIONS
TS101.C	TELECOMMUNICATIONS SITE PLAN
TF101.C	TELECOMMUNICATIONS PLAN

General Notes

Nothing set forth in these Drawings shall release any Contractor from responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage and coordination with other trades, or waive the Contractor's responsibility to identify and resolve deviations from the requirements of the Contract Documents, or waive the Contractor's responsibility to alert the Architect to errors or omissions contained therein.

Each Contractor shall verify in the field all existing applicable conditions and dimensions shown on the Drawings and as pertinent to the intent of these Drawings. Any discrepancy discovered shall be brought to the attention of the Architect prior to the commencement of any Work affected by, or related to, such discrepancy.

Each Contractor shall be responsible for all costs associated with, or caused by failure to comply with requirement.

Each Contractor shall review in advance all portions of the Work to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall be promptly referred to the Architect for resolution.

Each Contractor shall refer to the Project Manual for cleaning and disposal requirements.

Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner.

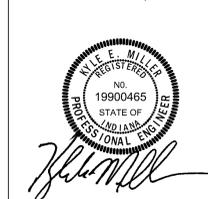
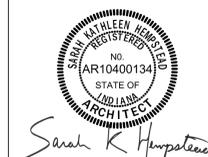
Each Contractor shall coordinate respective cutting and patching Work with the other Prime Contracts.

Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and complete understanding of the Work described on all Sheets of the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the responsibility to provide materials, assemblies, or services indicated in the Contract Documents.

Vicinity Map

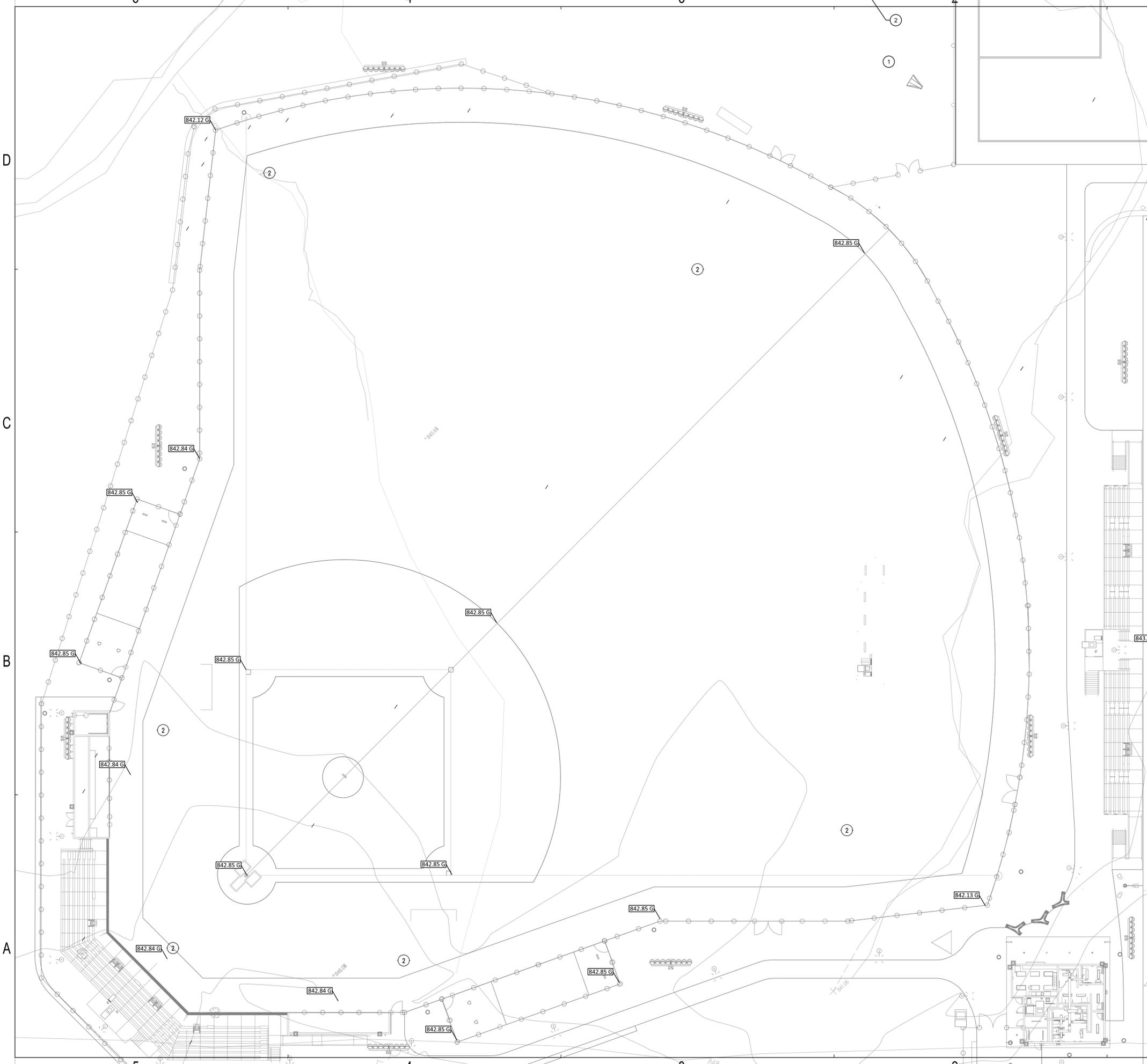


Thoroughfare Map



SCHMIDT ASSOCIATES
415 Massachusetts Avenue
Indianapolis, IN 46204
www.schmidt-arch.com

MSD of Lawrence Township
Lawrence Central Athletic Fields



GENERAL GRADING NOTES

1. IF THE LOCAL BENCHMARK(S) WILL BE DISTURBED DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH ADDITIONAL BENCHMARKS AS NEEDED.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACCURACY OF SITE CONDITIONS AT THE TIME THIS PROJECT IS BID.
3. ALL TRANSITIONS IN CURB HEIGHTS SHALL BE SMOOTH WITH A CONSISTENT SLOPE.

GRADING LEGEND

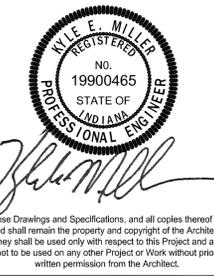
- 828 --- EXISTING CONTOUR LINE
- 828 — PROPOSED CONTOUR LINE
- [1000.00] PROPOSED ELEVATION
- [1000.00]EX EXISTING ELEVATION
- [1000.00]ME MATCH EXISTING ELEVATION
- [1000.00]TC TOP OF CURB ELEVATION
- [1000.00]TW TOP OF WALL ELEVATION
- [1000.00]TR TOP OF RIM ELEVATION
- [1000.00]P PAVEMENT ELEVATION
- [1000.00]GU GUTTER ELEVATION
- [1000.00]G GROUND ELEVATION
- [1000.00]FL FLOWLINE ELEVATION
- [1000.00]BC BOTTOM OF CURB ELEVATION
- [1000.00]BW BOTTOM OF WALL ELEVATION
- [1004.50]FFE FINISH FLOOR ELEVATION

GRADING KEY NOTES

- 1 NEW DUGOUTS TO MATCH EXISTING DUGOUTS FFE.
- 2 FOR SYNTHETIC TURF ALTERNATE, FIELD WILL HAVE DIFFERENT GRADES THAN BASE BID, BUT ALL GRADES OUTSIDE SHALL MATCH BASE BID GRADES, ADJUSTED TO MEET SYNTHETIC TURF GRADES



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 Produced RR



These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Architect. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Architect.

#	Revision	Date
A1	Addendum 1	07.14.2022

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 Township

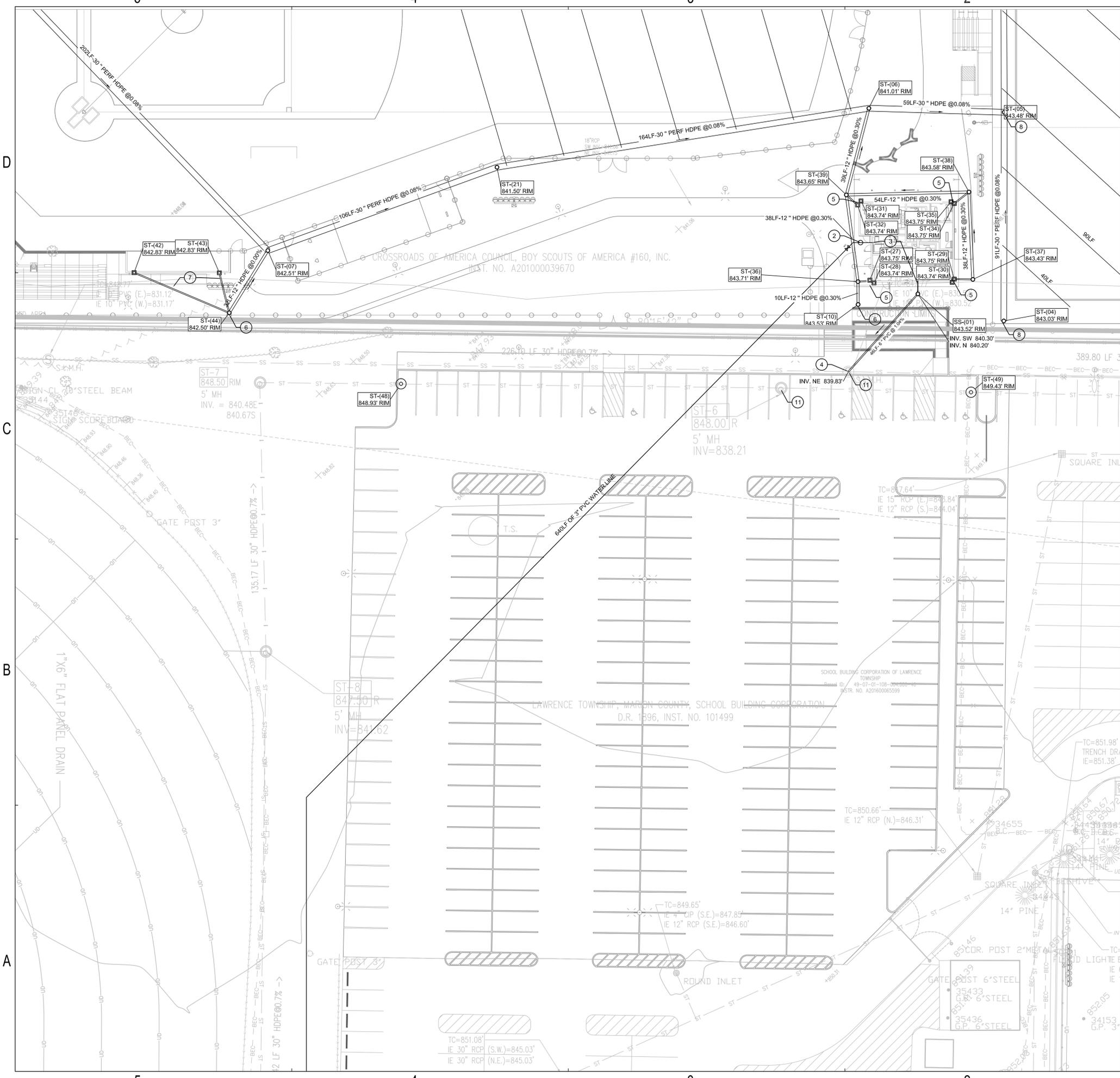


LAWRENCE CENTRAL
 ATHLETIC FIELDS

1A GRADING PLAN
 1" = 20'

GRADING PLAN - ALTERNATE

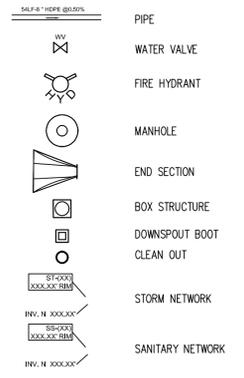
CG107.C



GENERAL UTILITIES NOTES

- IF THE LOCAL BENCHMARK(S) WILL BE DISTURBED DURING CONSTRUCTION, IT THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH ADDITIONAL BENCHMARKS AS NEEDED.
- ALL LIDS, CASTINGS, GRATES, BOXES, AND HATCHES ASSOCIATED WITH EXISTING UTILITY STRUCTURES THAT ARE NOT INDICATED FOR MODIFICATION SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
- COMPACTED GRANULAR BACKFILL IS REQUIRED FOR ALL UTILITY TRENCHES LOCATED UNDER PAVED AREAS. SEE SPECIFICATIONS.
- PIPE LENGTHS INDICATED ON THE DRAWINGS ARE FOR HYDRAULIC CALCULATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR FURNISHING THE AMOUNT OF PIPE MATERIALS NECESSARY FOR A COMPLETE INSTALLATION.
- ALL EXISTING PIPES INVERTS ARE APPROXIMATE. VERIFY ALL INVERTS IN FIELD. IF INVERTS DO NOT MATCH THE PLAN, CONTACT THE ARCHITECT.

UTILITY LEGEND



UTILITIES KEY NOTES

- WET TAP EXISTING WATER LINE FOR NEW CONNECTION
- NEW BLOWDOWN PIT. SEE DETAIL SHEET.
- SEE P-SERIES DRAWINGS FOR CONNECTION
- CONNECT NEW LATERAL TO EXISTING SANITARY STRUCTURE
- DOWNSPOUT LINES SHOULD BE 6" PVC. CONNECT DOWNSPOUT LINES TOGETHER BEFORE CONNECTING TO CLEAN/NYLOPLAST
- CURB CASTING SHALL BE INSTALLED INTO RETAINING WALL
- NEW STORM LINES TO BE 6" PVC.
- BASE BID CASTING: SEE STRUCTURE TABLE. SYNTHETIC TURF BID CASTING: SOLID GRATE
- BASE BID UNDERDRAIN: 6" PERF HDPE PIPE. SEE DETAIL SHEET. ALTERNATE BID UNDERDRAIN: 12"x1" PERF PANEL. SEE DETAIL SHEET
- NEW 6" PERF PIPE UNDERDRAIN. SEE DETAIL SHEET.
- ADJUST CASTING TO GRADE, PER GRADING PLAN
- WHEN LAYING NEW ASPHALT, CREATE POSITIVE DRAINAGE FLOW TO INLETS.
- CONNECT NEW NYLOPLAST TO EXISTING STORM LINE.



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LAWRENCE CENTRAL
 ATHLETIC FIELDS

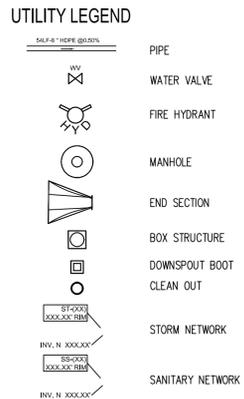
UTILITY PLAN
 CU105.C

1A UTILITY PLAN
 1" = 20'

ST STRUCTURE DATA TABLE				
NUMBER	TYPE	CASTING	RIM ELEVATIONS	INVERTS
ST-(01)	16 inch Flared End Section 67 x 74	???	833.85' RIM	18" INV. E 832.20'
ST-(02)	"Nyloplast"	R-2560-G	840.45' RIM	30" INV. S 832.38' 18" INV. S 832.28' 30" INV. E 832.38' 30" INV. N 832.38'
ST-(03)	"Nyloplast"	R-2560-G	843.03' RIM	30" INV. S 832.51' 30" INV. N 832.41' 30" INV. E 832.51'
ST-(04)	"Nyloplast"	R-2560-G	843.03' RIM	30" INV. N 832.91'
ST-(05)	"Nyloplast"	R-2560-G	843.48' RIM	30" INV. W 832.84' 30" INV. N 832.74' 30" INV. S 832.84'
ST-(06)	"Nyloplast"	R-2560-G	841.01' RIM	30" INV. W 832.98' 30" INV. E 832.88' 12" INV. S 832.98'
ST-(07)	"Nyloplast"	R-2560-G	842.51' RIM	30" INV. NW 833.40' 30" INV. E 833.30' 12" INV. SW 835.45'
ST-(08)	"Nyloplast"	R-2560-G	842.42' RIM	30" INV. N 833.66' 30" INV. SE 833.56' 12" INV. SW 838.37'
ST-(09)	"Nyloplast"	R-2560-G	841.16' RIM	30" INV. S 833.96'
ST-(10)	"Nyloplast"	R-3246-AL	843.53' RIM	12" INV. N 833.44'
ST-(11)	"Nyloplast"	R-2560-G	843.03' RIM	30" INV. N 833.11'
ST-(12)	"Nyloplast"	R-2560-G	843.03' RIM	30" INV. S 832.81' 30" INV. W 832.71'
ST-(13)	"Nyloplast"	R-2560-G	840.04' RIM	30" INV. W 832.59'
ST-(14)	"Nyloplast"	R-2560-G	840.03' RIM	30" INV. W 832.87'
ST-(15)	"Nyloplast"	R-2560-G	840.48' RIM	30" INV. E 832.66' 30" INV. S 832.56' 30" INV. W 832.66'
ST-(16)	"Nyloplast"	R-2560-G	840.00' RIM	30" INV. E 832.73'
ST-(17)	"Nyloplast"	SOLID GRATE	854.40' RIM	30" INV. S 848.82' 30" INV. E 848.82' 8" INV. NW 848.72'
ST-(18)	"Nyloplast"	SOLID GRATE	854.40' RIM	30" INV. N 848.98'
ST-(19)	"Nyloplast"	SOLID GRATE	854.40' RIM	30" INV. W 848.98'
ST-(20)	"Nyloplast"	R-2560-G	842.08' RIM	30" INV. N 833.84' 30" INV. S 833.74'
ST-(21)	"Nyloplast"	R-2560-G	841.50' RIM	30" INV. E 833.11' 30" INV. W 833.21'
ST-(27)	"Downspout Boot"	R-4929-A1C	843.75' RIM	
ST-(28)	"Downspout Boot"	R-4929-A1C	843.74' RIM	
ST-(29)	"Downspout Boot"	R-4929-A1C	843.75' RIM	6" INV. E 833.67'
ST-(30)	"Downspout Boot"	R-4929-A1C	843.74' RIM	
ST-(31)	"Downspout Boot"	R-4929-A1C	843.74' RIM	
ST-(32)	"Downspout Boot"	R-4929-A1C	843.74' RIM	6" INV. NW 834.10'
ST-(34)	"Downspout Boot"	R-4929-A1C	843.75' RIM	6" INV. NE 833.46'
ST-(35)	"Downspout Boot"	R-4929-A1C	843.75' RIM	
ST-(36)	"Nyloplast"	SOLID GRATE	843.71' RIM	6" INV. E 833.41' 12" INV. S 833.41' 12" INV. N 833.31'
ST-(37)	"Clean out"	R-1976	843.43' RIM	6" INV. W 833.67' 12" INV. N 833.57'
ST-(38)	"Nyloplast"	SOLID GRATE	843.58' RIM	6" INV. SW 833.46' 12" INV. S 833.46' 12" INV. W 833.36'
ST-(39)	"Nyloplast"	SOLID GRATE	843.65' RIM	6" INV. SE 834.10' 12" INV. S 833.20' 12" INV. N 833.10' 12" INV. E 833.20'
ST-(40)	"Downspout Boot"	R-4929-A1C	842.87' RIM	6" INV. N 839.22'
ST-(41)	"Downspout Boot"	R-4929-A1C	842.84' RIM	6" INV. NW 839.22'
ST-(42)	"Downspout Boot"	R-4929-A1C	842.83' RIM	6" INV. SE 838.98'
ST-(43)	"Downspout Boot"	R-4929-A1C	842.83' RIM	6" INV. S 838.98'
ST-(44)	"Nyloplast"	R-3246-AL	842.50' RIM	12" INV. NE 835.45' 6" INV. NW 838.98' 6" INV. N 838.98'
ST-(45)	"Nyloplast"	R-3246-AL	842.74' RIM	6" INV. S 839.22' 6" INV. SE 839.22' 12" INV. NE 838.37'
ST-(48)	4.00' Manhole	R-3246-AL	848.93' RIM	
ST-(49)	4.00' Manhole	R-3246-AL	849.43' RIM	



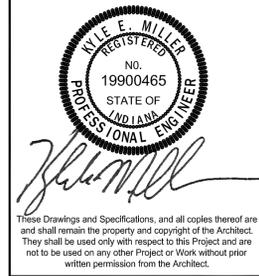
- GENERAL UTILITIES NOTES**
- IF THE LOCAL BENCHMARK(S) WILL BE DISTURBED DURING CONSTRUCTION, IT THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH ADDITIONAL BENCHMARKS AS NEEDED.
 - ALL LIDS, CASTINGS, GRATES, BOXES, AND HATCHES ASSOCIATED WITH EXISTING UTILITY STRUCTURES THAT ARE NOT INDICATED FOR MODIFICATION SHALL BE MAINTAINED AND PROTECTED DURING CONSTRUCTION.
 - COMPACTED GRANULAR BACKFILL IS REQUIRED FOR ALL UTILITY TRENCHES LOCATED UNDER PAVED AREAS. SEE SPECIFICATIONS.
 - PIPE LENGTHS INDICATED ON THE DRAWINGS ARE FOR HYDRAULIC CALCULATION PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR FURNISHING THE AMOUNT OF PIPE MATERIALS NECESSARY FOR A COMPLETE INSTALLATION.
 - ALL EXISTING PIPES INVERTS ARE APPROXIMATE. VERIFY ALL INVERTS IN FIELD. IF INVERTS DO NOT MATCH THE PLAN, CONTACT THE ARCHITECT.



- UTILITIES KEY NOTES**
- WET TAP EXISTING WATER LINE FOR NEW CONNECTION
 - NEW BLOWDOWN PIT. SEE DETAIL SHEET.
 - SEE P-SERIES DRAWINGS FOR CONNECTION
 - CONNECT NEW LATERAL TO EXISTING SANITARY STRUCTURE
 - DOWNSPOUT LINES SHOULD BE 6" PVC. CONNECT DOWNSPOUT LINES TOGETHER BEFORE CONNECTING TO CLEAN/NYLOPLAST
 - CURB CASTING SHALL BE INSTALLED INTO RETAINING WALL
 - NEW STORM LINES TO BE 6" PVC.
 - BASE BID CASTING: SEE STRUCTURE TABLE. SYNTHETIC TURF BID CASTING: SOLID GRATE
 - BASE BID UNDERDRAIN: 6" PERF HDPE PIPE. SEE DETAIL SHEET. ALTERNATE BID UNDERDRAIN: 12"x1" PERF PANEL. SEE DETAIL SHEET
 - NEW 6" PERF PIPE UNDERDRAIN. SEE DETAIL SHEET.
 - ADJUST CASTING TO GRADE, PER GRADING PLAN
 - WHEN LAYING NEW ASPHALT, CREATE POSITIVE DRAINAGE FLOW TO INLETS.
 - CONNECT NEW NYLOPLAST TO EXISTING STORM LINE.

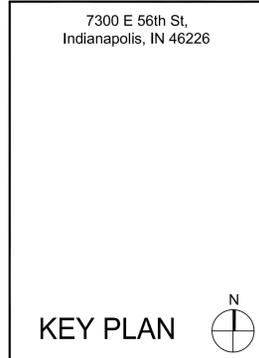


Project No. 2018-050.LCA
 Project Date 06.22.2022
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#	Revision	Date
A1	Addendum 1	07.14.2022



LAWRENCE CENTRAL ATHLETIC FIELDS
 UTILITY PLAN
 CU106.C

1A UTILITY PLAN
 1" = 20'

6

5

4

3

2

1

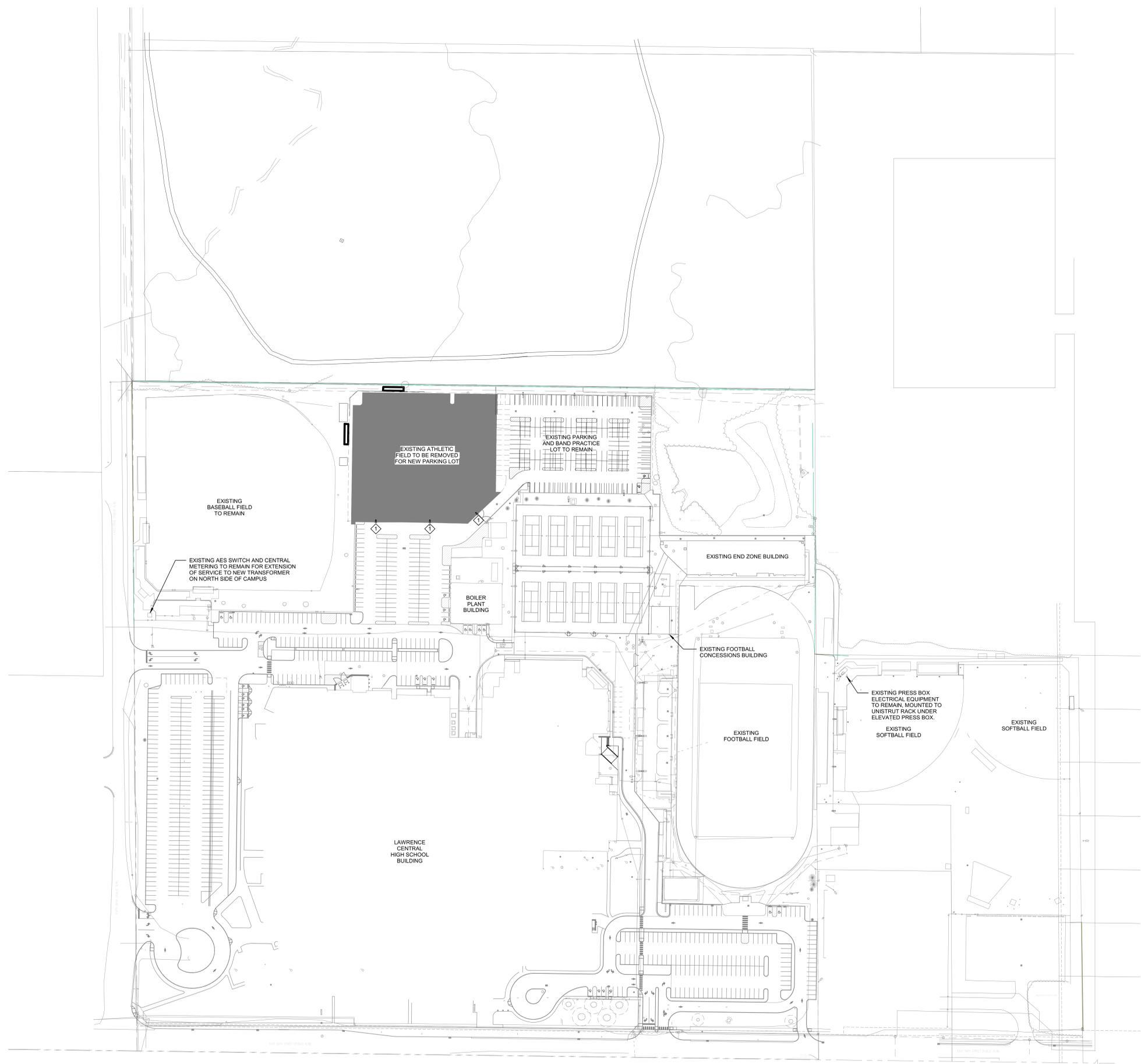
E

D

C

B

A



GENERAL SITE DEMOLITION NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
C	CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
D	THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY INSTALL ALL WORK REQUIRED FOR THE PROJECT.
E	THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
F	ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.
G	REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.
H	COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
I	PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
J	PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
K	REFER TO AES INDIANA'S GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
L	COORDINATE WITH C-SERIES DRAWINGS FOR ALL OTHER UTILITIES.

SITE DEMOLITION PLAN NOTES	
#	NOTES
1	DISCONNECT AND REMOVE SITE LIGHT FIXTURES AND POLE COMPLETE. REMOVE EXISTING WIRING BACK TO PREVIOUS POLE LIGHT IN CIRCUIT. RETURN POLE AND FIXTURE TO OWNER.



Project No. 2018-050.LCA
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#	Revision	Date
A1	Addendum #1	07.14.2022

7300 E 56th St,
 Indianapolis, IN 46226

M.S.D. of Lawrence Township



Lawrence Central Athletic Fields

SITE DEMOLITION PLAN

ES101.C

2A SITE DEMOLITION PLAN - OVERALL
 1" = 80'-0"

6

5

4

3

2

1

6 5 4 3 2 1

E D C B A

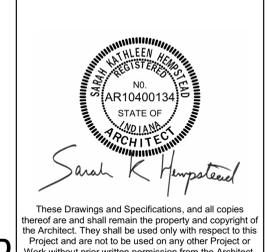


GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
C	UNDERGROUND CONDUIT MAY NOT RUN UNDER SYNTHETIC TURF OR WITHIN REGULATION PLAYING AREA OF NATURAL TURF FIELDS UNO. COORDINATE CONDUIT ROUTING WITH ATHLETIC FIELDS.

SITE PLAN NOTES	
#	NOTES
1	PROVIDE (2) 4" CONDUIT WITH PULL ROPE TO NEW TRANSFORMER LOCATION. COORDINATE WITH AES INDIANA FOR INSTALLATION OF CONDUCTORS.
2	NEW UTILITY TRANSFORMER PROVIDED BY AES INDIANA. COORDINATE REQUIREMENTS WITH AES INDIANA.
3	PROVIDE NEW UNDERGROUND FEEDER AND BRANCH CIRCUITS TO PANELBOARD, SPORTS LIGHTING CONTROLLERS, AND OTHER CIRCUITS IN BASEBALL HOME DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS AND ONE-LINE DIAGRAM.
4	PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.
5	PROVIDE NEW UNDERGROUND FEEDER, CONNECT THROUGH ASSOCIATED DISCONNECT SWITCHES AND TRANSFORMER, AND EXTEND TO PANELBOARD INSTALLED IN PRESS BOX BY MANUFACTURER. REFER TO ONE-LINE DIAGRAM.
6	PROVIDE NEW UNDERGROUND FEEDER AND BRANCH CIRCUITS TO PANELBOARD AND SPORTS LIGHTING CONTROLLER CIRCUIT IN SOFTBALL HOME DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS AND ONE-LINE DIAGRAM.
7	PROVIDE NEW POLE LIGHT FIXTURE ON +6" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
8	PROVIDE NEW POLE LIGHT FIXTURE ON +42" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
9	GROUNDING TRIANGLE. REFER TO "SERVICE ENTRANCE GROUNDING AND BONDING DIAGRAM", SPECIFICATIONS, ONE-LINE DIAGRAM, AND GROUNDING DETAILS FOR MORE INFORMATION. COORDINATE TEST WELL LOCATION WITH OTHER EQUIPMENT IN THE AREA.
10	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL HOME DUGOUT STORAGE ROOM.
11	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOFTBALL HOME DUGOUT STORAGE ROOM.
12	PROVIDE EQUIPMENT MOUNTING FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-503.
13	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL CONCESSIONS UTILITY ROOM.
14	DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO ONE-LINE DIAGRAM.
15	EXTEND EXISTING 277V LIGHTING CIRCUIT FROM EXISTING FIXTURE TO NEW FIXTURE.



Project No. 2018-050.LCA
 Project Date 06.22.2022
 Produced EAG



#	Revision	Date
A1	Addendum #1	07.14.2022

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M.S.D. of Lawrence
 Township



Lawrence Central
 Athletic Fields

SITE PLAN - OVERALL

ES102.C

2A SITE PLAN - OVERALL
 1" = 80'-0"

6 5 4 3 2 1

ES102.C - 07/14/2022 - 09:00 AM - 09:00 AM
 2022/07/14 09:00 AM - 09:00 AM
 2022/07/14 09:00 AM - 09:00 AM
 2022/07/14 09:00 AM - 09:00 AM

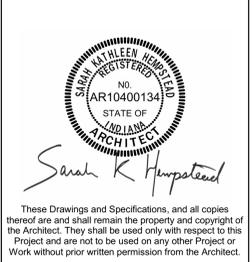
6 5 4 3 2 1

GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, ETC. INCLUDE ALL UTILITY FEES REQUIRED IN BID.
C	UNDERGROUND CONDUIT MAY NOT RUN UNDER SYNTHETIC TURF OR WITHIN REGULATION PLAYING AREA OF NATURAL TURF FIELDS UNO. COORDINATE CONDUIT ROUTING WITH ATHLETIC FIELDS.

SITE PLAN NOTES	
#	NOTES
1	PROVIDE (2) 4" CONDUIT WITH PULL ROPE TO NEW TRANSFORMER LOCATION. COORDINATE WITH AES INDIANA FOR INSTALLATION OF CONDUCTORS.
2	NEW UTILITY TRANSFORMER PROVIDED BY AES INDIANA. COORDINATE REQUIREMENTS WITH AES INDIANA.
3	PROVIDE NEW UNDERGROUND FEEDER AND BRANCH CIRCUITS TO PANELBOARD, SPORTS LIGHTING CONTROLLERS, AND OTHER CIRCUITS IN BASEBALL HOME DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS AND ONE-LINE DIAGRAM.
4	PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.
5	PROVIDE NEW UNDERGROUND FEEDER, CONNECT THROUGH ASSOCIATED DISCONNECT SWITCHES AND TRANSFORMER, AND EXTEND TO PANELBOARD INSTALLED IN PRESS BOX BY MANUFACTURER. REFER TO ONE-LINE DIAGRAM.
6	PROVIDE NEW UNDERGROUND FEEDER AND BRANCH CIRCUITS TO PANELBOARD AND SPORTS LIGHTING CONTROLLER CIRCUIT IN SOFTBALL HOME DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS AND ONE-LINE DIAGRAM.
7	PROVIDE NEW POLE LIGHT FIXTURE ON +6" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
8	PROVIDE NEW POLE LIGHT FIXTURE ON +24" A.F.G. FOUNDATION. REFER TO DETAIL SHEET E-502.
9	GROUNDING TRIANGLE. REFER TO "SERVICE ENTRANCE GROUNDING AND BONDING DIAGRAM", SPECIFICATIONS, ONE-LINE DIAGRAM, AND GROUNDING DETAILS FOR MORE INFORMATION. COORDINATE TEST WELL LOCATION WITH OTHER EQUIPMENT IN THE AREA.
10	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL HOME DUGOUT STORAGE ROOM.
11	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN SOFTBALL HOME DUGOUT STORAGE ROOM.
12	PROVIDE EQUIPMENT MOUNTING FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-503.
13	ROUTE CIRCUIT TO NEW LIGHTING CONTROL PANEL IN BASEBALL CONCESSIONS UTILITY ROOM.
14	DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WEATHERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO ONE-LINE DIAGRAM.
15	EXTEND EXISTING 277V LIGHTING CIRCUIT FROM EXISTING FIXTURE TO NEW FIXTURE.



Project No. 2018-050.LCA
 Project Date 06.22.2022
 Produced EAG



#	Revision	Date
A1	Addendum #1	07.14.2022

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 Indianapolis, IN 46226

M.S.D. of Lawrence
 Township



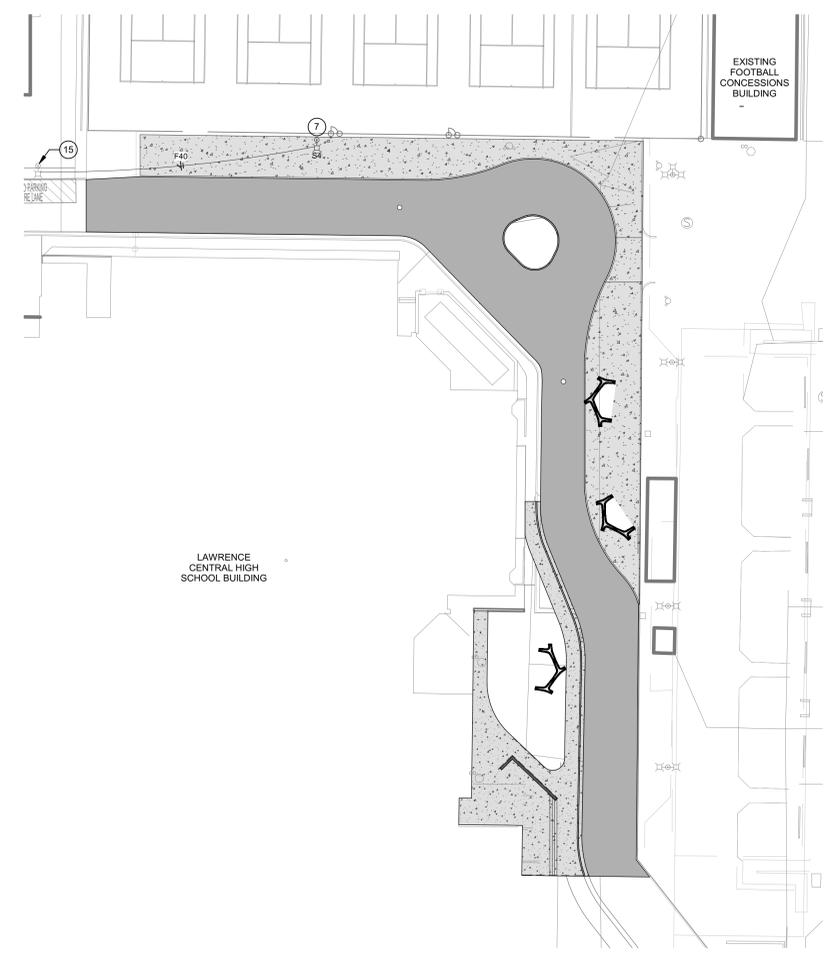
Lawrence Central
 Athletic Fields

SITE PLAN - PLAZA &
 PARKING

ES103.C



4A SITE PLAN - PARKING
 1" = 30'-0"



2A SITE PLAN - PLAZA
 1" = 30'-0"

EXISTING FOOTBALL CONCESSIONS BUILDING
 LAWRENCE CENTRAL HIGH SCHOOL BUILDING
 7300 E 56th St, Indianapolis, IN 46226
 PROJECT NO. 2018-050.LCA
 SHEET NO. ES103.C
 DATE: 07.14.2022

BRANCH PANELBOARD SCHEDULE											
DESIGNATION: 12BB1			VOLTS: 208Y/120 V			MAINS RATING: 100 A			MOUNTING: SURFACE		
LOCATION: STOR W103			PHASES: 3			MAINS TYPE: MCB			MOUNTING: SURFACE		
SUPPLY FROM: T-BB1			AIC RATING: 10,000 A			MCB OPTIONS:					
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT ROOM #	CKT NO.
1	BASEBALL HOME DUGOUT	LIGHTING	20 A	1	0.23	0.18				20 A	2
3	BB HOME DUGOUT STORAGE	RECEPT	20 A	1		0.36	0.18			20 A	4
5	BB HOME DUGOUT STORAGE	RECEPT	20 A	1			0.36	0.36		20 A	6
7	BASEBALL SPORTS LTG PANEL	PANEL	20 A	1	0.50	0.00				20 A	8
9	BASEBALL HOME DUGOUT	RECEPT	20 A	1		0.36	0.00			20 A	10
11	BB HOME DUGOUT STORAGE	RECEPT	20 A	1			0.18	0.00		20 A	12
13	BB HOME DUGOUT EXTERIOR	RECEPT	20 A	1	0.18	0.00				20 A	14
15	BB HOME DUGOUT EXTERIOR	RECEPT	20 A	1		0.18	0.00			20 A	16
17	SPARE		20 A	1			0.00	0.00		20 A	18
19	SPARE		20 A	1	0.00	0.00				20 A	20
21	SPARE		20 A	1		0.00	0.00			20 A	22
23	SPARE		20 A	1			0.00	0.00		20 A	24
25	SPARE		20 A	1	0.00	0.00				20 A	26
27	SPARE		20 A	1		0.00	0.00			20 A	28
29	SPARE		20 A	1			0.00	0.00		20 A	30
TOTAL LOAD:			1.09 kVA			1.08 kVA			0.90 kVA		
TOTAL AMPS:			9 A			9 A			8 A		
TOTAL CONNECTED LOAD:			3.07 kVA			3.13 kVA			TOTAL DEMAND LOAD:		
TOTAL CONNECTED AMPS:			9 A			9 A			9 A		
PANELBOARD & CIRCUIT BREAKER OPTIONS											
("O" COLUMN / MCB OPTIONS ABBREVIATIONS)											
C	CONTACTOR CONTROLLED										
G	GFCI PROTECTED										
P	HANDLE LOCKING DEVICE										
S	SHUNT TRIP										
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI										
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
FEED THROUGH LUGS (FTL)											
SUB FEED LUGS (SFL)											
NOTES: PROVIDE SPD FOR THIS EQUIPMENT.											

BRANCH PANELBOARD SCHEDULE											
DESIGNATION: 14BB1			VOLTS: 480Y/277 V			MAINS RATING: 225 A			MOUNTING: SURFACE		
LOCATION: STOR W103			PHASES: 3			MAINS TYPE: MLO			MOUNTING: SURFACE		
SUPPLY FROM: 14CSDP1			AIC RATING: 18,000 A			MCB OPTIONS:					
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT ROOM #	CKT NO.
1	SPORTS LIGHTING - BASEBALL	POLE A3	20 A	3	2.49	2.49				20 A	2
3						2.49	2.49				4
5							2.49	2.49			6
7	SPORTS LIGHTING - BASEBALL	POLE B3	20 A	3	3.05	3.05				20 A	8
9						3.05	3.05				10
11							3.05	3.05			12
13	SPORTS LIGHTING - BASEBALL	POLE C1	20 A	3	1.75	1.75				30 A	14
15						1.75	1.75				16
17							1.75	1.75			18
19	SPORTS LIGHTING - BASEBALL	POLE D1	20 A	3	1.75	1.75				30 A	20
21						1.75	1.75				22
23							1.75	1.75			24
25	T-BB1 / 12BB1	TX / PNL	50 A	3	1.09	0.00				30 A	26
27						1.08	0.00				28
29							0.90	0.00			30
31	SPARE		20 A	3	0.00	0.00				10 A	32
33							0.00	0.00		10 A	34
35							0.00	0.00		10 A	36
37	SPARE									10 A	38
39	SPARE									10 A	40
41	SPARE									10 A	42
TOTAL LOAD:			19.17 kVA			19.17 kVA			18.99 kVA		
TOTAL AMPS:			89 A			89 A			89 A		
TOTAL CONNECTED LOAD:			57.33 kVA			70.95 kVA			TOTAL DEMAND LOAD:		
TOTAL CONNECTED AMPS:			89 A			85 A			TOTAL DEMAND AMPS:		
PANELBOARD & CIRCUIT BREAKER OPTIONS											
("O" COLUMN / MCB OPTIONS ABBREVIATIONS)											
C	CONTACTOR CONTROLLED										
G	GFCI PROTECTED										
P	HANDLE LOCKING DEVICE										
S	SHUNT TRIP										
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI										
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
FEED THROUGH LUGS (FTL)											
SUB FEED LUGS (SFL)											
NOTES: PROVIDE SPD FOR THIS EQUIPMENT.											

PANELBOARD ABBREVIATIONS	
#	NOTES
FTL	FEED THROUGH LUGS
MCB	MAIN CIRCUIT BREAKER
MFS	MAIN FUSED SWITCH
MLO	MAIN LUGS ONLY
SFL	SUB-FEED LUGS
SPD	SPR. SURGE PROTECTION DEVICE

CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS) ABBREVIATIONS	
#	NOTES
C	CONTACTOR CONTROLLED
G	GFCI PROTECTED
P	HANDLE LOCKING DEVICE
S	SHUNT TRIP
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI

GENERAL SWITCHBOARD/PANELBOARD NOTES	
#	NOTES
A	VERIFY SIZE AND QUANTITY OF LUGS REQUIRED PER ONE-LINE DIAGRAM.
B	VERIFY PANEL / LUG SIZE REQUIRED FOR FEEDERS INDICATED ON ONE-LINE DIAGRAM. MODIFY AS REQUIRED FOR LARGER FEEDERS.
C	VERIFY CONDUIT ENTRY LOCATION ON EACH PANEL.
D	CONFIRM FINAL ROOM NAMES AND NUMBERS WITH OWNER PRIOR TO CREATING FINAL PANELBOARD DIRECTORIES.
E	MODIFY AIC RATINGS INDICATED ON SCHEDULES, AS REQUIRED, PER SPECIFICATION SECTION 260574.99.

POWER DISTRIBUTION PANELBOARD SCHEDULE											
DESIGNATION: 14CSDP1			VOLTS: 480Y/277 V			MAINS RATING: 800 A			MOUNTING: SURFACE		
LOCATION: UTILITY U103			PHASES: 3			MAINS TYPE: MCB			MOUNTING: SURFACE		
SUPPLY FROM: UTILITY			AIC RATING: 65,000 A			MCB OPTIONS: Y					
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT ROOM #	CKT NO.
1	14BB1	PANEL	225 A	3	19.17	0.30				10 A	2
3						19.17	0.55			10 A	4
5							18.99	0.13		10 A	6
7	T-PB1 / BBP	TX / PNL	50 A	3	1.40	0.50				10 A	8
9						1.54	0.14			10 A	10
11							1.54	0.54		20 A	12
13	T-PB2 / SCPB	TX / PNL	50 A	3	0.00	0.54				20 A	14
15							0.00	0.09		20 A	16
17							0.00	0.99		20 A	18
19	SPORTS LIGHTING - SOCCER	POLE F1	20 A	3	2.69	0.41				20 A	20
21						2.69	0.41			20 A	22
23							2.69	0.16		10 A	24
25	SPORTS LIGHTING - SOCCER	POLE F2	20 A	3	2.69	10.11				30 A	26
27						2.69	10.03			2.69	28
29							2.69	10.74		30 A	30
31	SPORTS LIGHTING - SOCCER	POLE F3	20 A	3	2.69	4.00				30 A	32
33						2.69	4.00			20 A	34
35							2.69	4.00		20 A	36
37	SPORTS LIGHTING - SOCCER	POLE F4	20 A	3	2.69	0.00				10 A	38
39						2.69	0.00			10 A	40
41							2.69	0.00		10 A	42
43	SPARE		20 A	3	0.00	0.00				30 A	44
45							0.00	0.00		20 A	46
47							0.00	0.00		100 A	48
49	SPARE		20 A	3	0.00	0.00				100 A	50
51							0.00	0.00		20 A	52
53							0.00	0.00		20 A	54
TOTAL LOAD:			47.17 kVA			47.57 kVA			47.83 kVA		
TOTAL AMPS:			170 A			172 A			173 A		
TOTAL CONNECTED LOAD:			142.57 kVA			160.41 kVA			TOTAL DEMAND LOAD:		
TOTAL CONNECTED AMPS:			173 A			193 A			TOTAL DEMAND AMPS:		
PANELBOARD & CIRCUIT BREAKER OPTIONS											
("O" COLUMN / MCB OPTIONS ABBREVIATIONS)											
C	CONTACTOR CONTROLLED										
G	GFCI PROTECTED										
P	HANDLE LOCKING DEVICE										
S	SHUNT TRIP										
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI										
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
FEED THROUGH LUGS (FTL)											
SUB FEED LUGS (SFL)											
NOTES: EQUIPMENT TO BE UL SERVICE ENTRANCE RATED. PROVIDE SPD AND CUSTOMER METERING FOR THIS EQUIPMENT.											

BRANCH PANELBOARD SCHEDULE											
DESIGNATION: 14SB1			VOLTS: 480Y/277 V			MAINS RATING: 100 A			MOUNTING: SURFACE		
LOCATION: STOR W103			PHASES: 3			MAINS TYPE: MLO			MOUNTING: SURFACE		
SUPPLY FROM: 14ADP			AIC RATING: 18,000 A			MCB OPTIONS:					
CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT ROOM #	CKT NO.
1	SPORTS LIGHTING - SOFTBALL	POLE A1	20 A	3	1.26	1.26				20 A	2
3						1.26	1.26				4
5							1.26	1.26			6
7	SPORTS LIGHTING - SOFTBALL	POLE B1	20 A	3	2.43	2.43				20 A	8
9						2.43	2.43				10
11							2.43	2.43			12
13	SPARE		20 A	3	0.00	0.00				30 A	14
15						0.00	0.00				16
17							0.00	0.00			18
19	SPARE		20 A	1	0.00	0.00				30 A	20
21	SPARE		20 A	1		0.00	0.00				22
23	SPARE		20 A	1			0.00	0.00			24
25	SPARE		20 A	1	0.00	0.00				10 A	26
27	SPARE		20 A	1		0.00	0.00			10 A	28
29	SPARE		20 A	1		0.00	0.00			10 A	30
TOTAL LOAD:			7.39 kVA			7.39 kVA			7.39 kVA		
TOTAL AMPS:			27 A			27 A			27 A		
TOTAL CONNECTED LOAD:			22.17 kVA			27.71 kVA			TOTAL DEMAND LOAD:		
TOTAL CONNECTED AMPS:			27 A			33 A			TOTAL DEMAND AMPS:		
PANELBOARD & CIRCUIT BREAKER OPTIONS											
("O" COLUMN / MCB OPTIONS ABBREVIATIONS)											
C	CONTACTOR CONTROLLED										
G	GFCI PROTECTED										
P	HANDLE LOCKING DEVICE										
S	SHUNT TRIP										
X	80% RATED MAIN CIRCUIT BREAKER WITH LSI										
Y	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
Z	100% RATED MAIN CIRCUIT BREAKER WITH LSI										
FEED THROUGH LUGS (FTL)											
SUB FEED LUGS (SFL)											
NOTES: PROVIDE SPD FOR THIS EQUIPMENT.											

EXISTING POWER DISTRIBUTION PANELBOARD SCHEDULE											
DESIGNATION: 14ADP			VOLTS: 480Y/277 V			MAINS RATING: 800 A			MOUNTING: SURFACE		
LOCATION:			PHASES: 3			MAINS TYPE: MCB			MOUNTING: SURFACE		
SUPPLY FROM: EX. AES TRANSFORMER			AIC RATING:</								