

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																							

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)
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G-SERIES DRAWINGS

G-100-N	DELETE AND REPLACE
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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)
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G-SERIES DRAWINGS

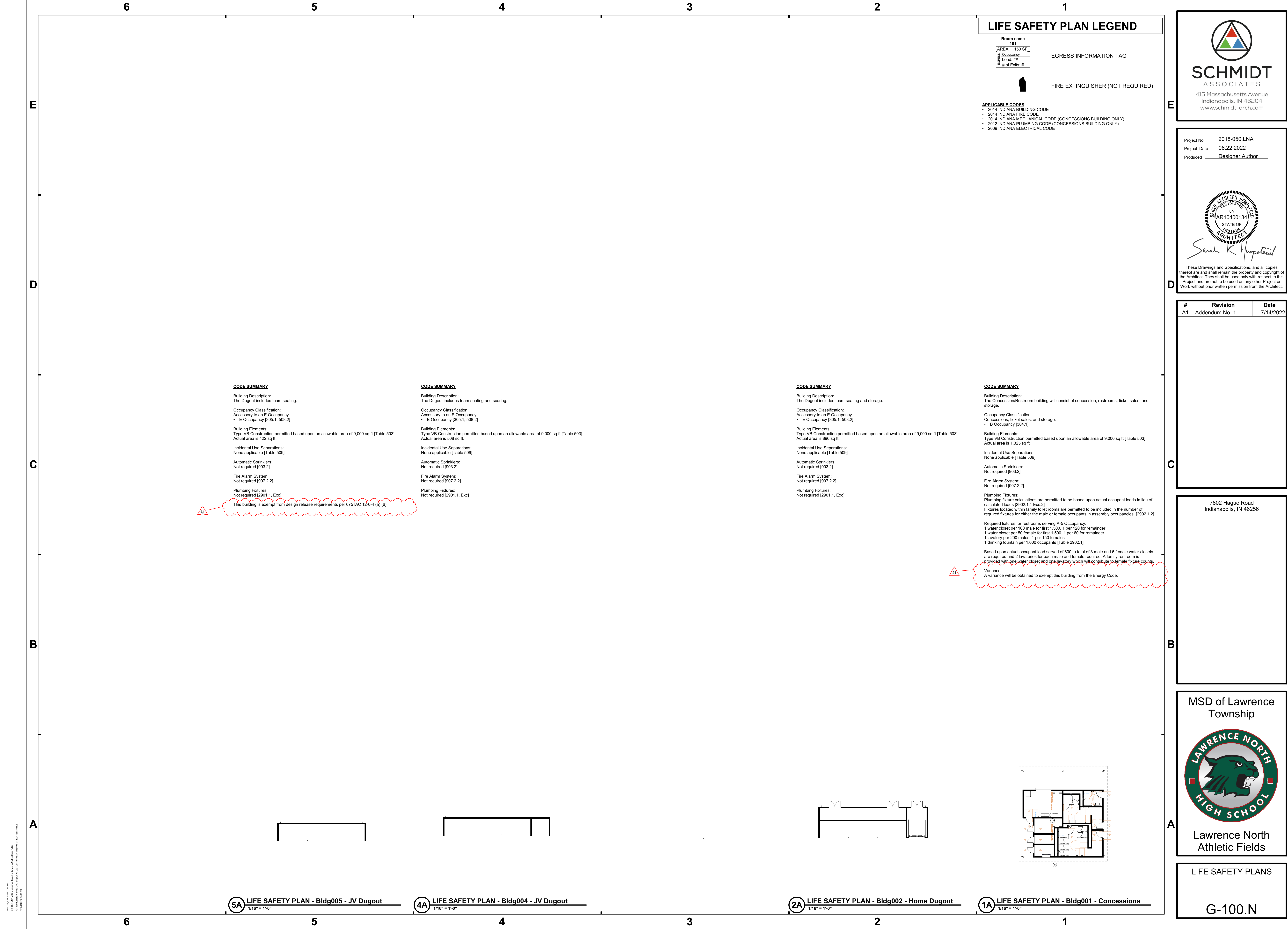
G-000-C	DELETE AND REPLACE
G-100-C	DELETE AND REPLACE

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: #	

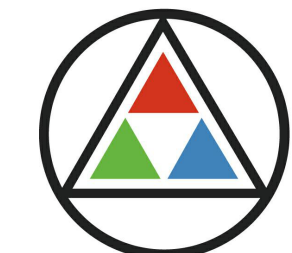
EGRESS INFORMATION TAG



FIRE EXTINGUISHER (NOT REQUIRED)

APPLICABLE CODES

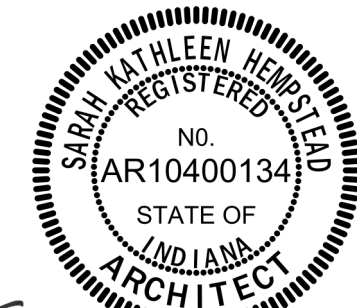
- 2014 INDIANA BUILDING CODE
- 2014 INDIANA FIRE CODE
- 2014 INDIANA MECHANICAL CODE (CONCESSIONS BUILDING ONLY)
- 2012 INDIANA PLUMBING CODE (CONCESSIONS BUILDING ONLY)
- 2009 INDIANA ELECTRICAL CODE



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



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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

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



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#	Revision	Date
A1	Addedndum #1	07.14.2022

7802 Hague Rd,
Indianapolis, IN 46256

MSD of Lawrence
Township

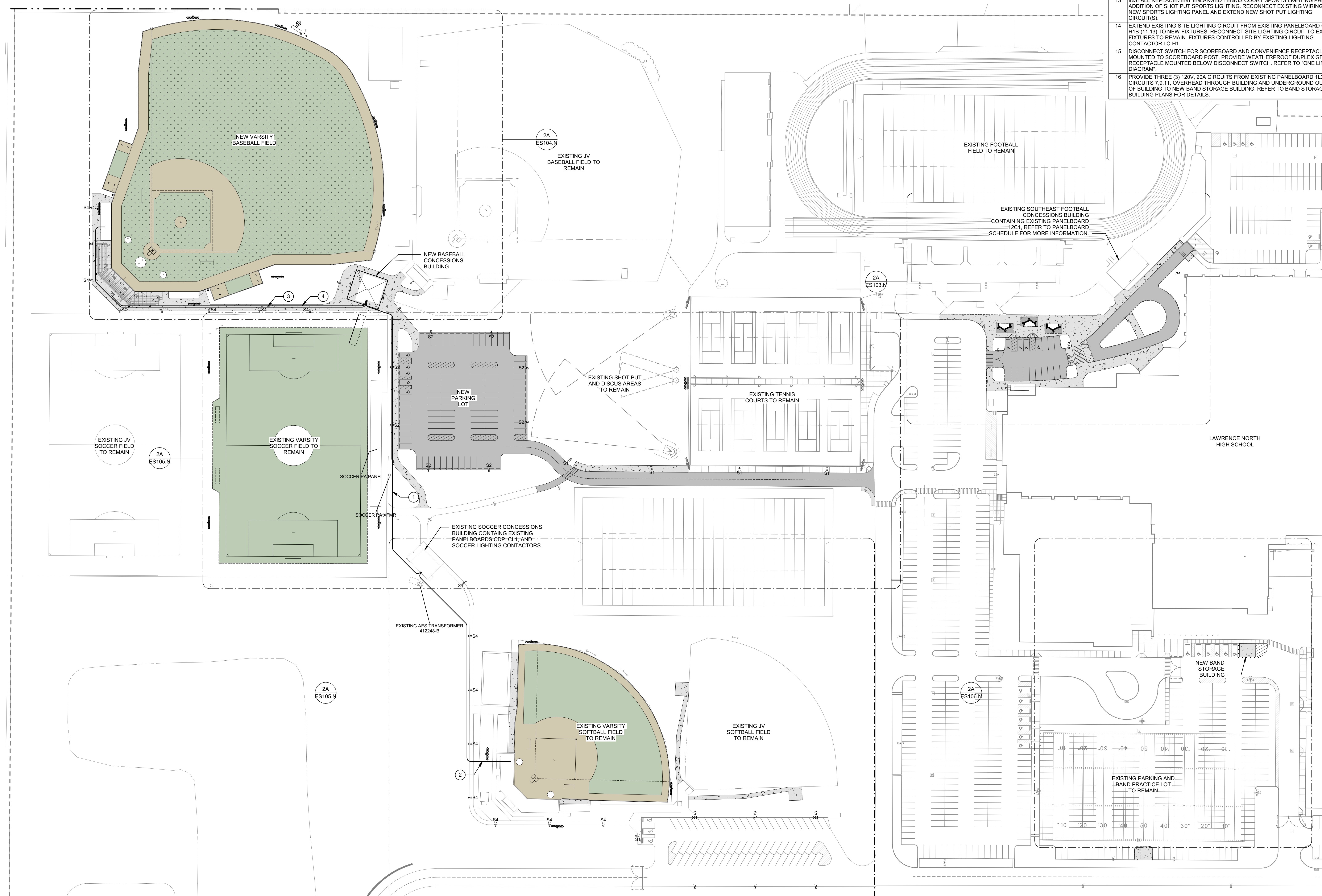
Lawrence North
Athletic Fields

SITE PLAN - OVERALL

ES102.N

SITE PLAN NOTES

#	NOTES
1	PROVIDE UNDERGROUND FEEDER TO NEW DISTRIBUTION PANELBOARD 14CSDS IN NEW BASEBALL CONCESSIONS STAND. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
2	PROVIDE UNDERGROUND FEEDER TO NEW PANELBOARD 14SB1 AND BRANC CIRCUIT TO SOFTBALL SPORTS LIGHTING PANEL IN EXISTING SOFTBALL HOME PLANT. SOFTBALL STORAGE ROOM. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
3	PROVIDE UNDERGROUND FEEDERS TO PANELBOARD #4B1 IN NEW BASEBALL HOME DUGOUT. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
4	PROVIDE UNDERGROUND FEEDERS TO TRANSFORMER T-PB1 UNDER ELEVATED PRESS BOSS. 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 <u>BEHIND ELEVATED PRESS BOSS</u> . REFER TO DETAILS SHEET E-505.
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 SPOTS LIGHTING PANEL. IN ADDITION OF SHOT PUT SPORTS LIGHTING. RECONNECT EXISTING WIRING TO NEW SPORTS LIGHTING PANEL AND EXTEND NEW SHOT PUT LIGHTING CIRCUIT (T18).
14	EXTEND EXISTING SITE LIGHTING CIRCUIT FROM EXISTING PANELBOARD CIRCUIT H1B(11.13) TO NEW FIXTURES. RECONNECT SITE LIGHTING CIRCUIT TO EXISTING CONTROL CIRCUIT (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 11.3, CIRCUITS 7.9.11, OVERHEAD THROUGH BUILDING AND UNDERGROUND OUTSIDE OF BUILDING TO NEW BAND STORAGE BUILDING. REFER TO BAND STORAGE BUILDING PLANS FOR BAND DETAILS.



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

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



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#	Revision	Date
A1	Addedndum #1	07.14.2022

7802 Hague Rd,
Indianapolis, IN 46256

MSD of Lawrence
Township

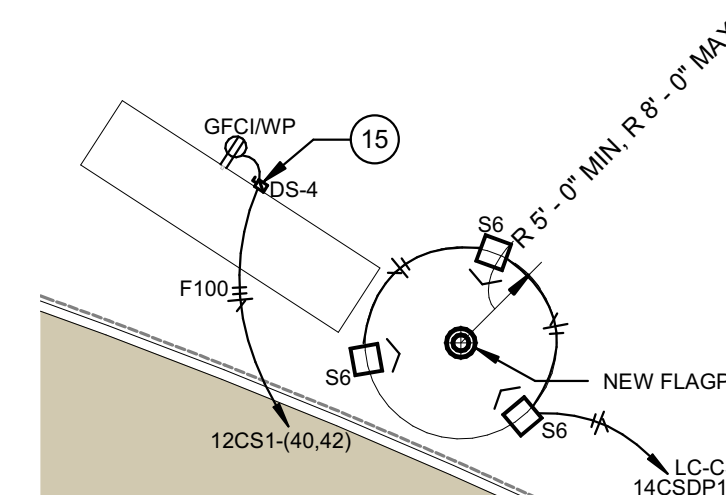
Lawrence North
Athletic Fields

SITE PLAN - BASEBALL

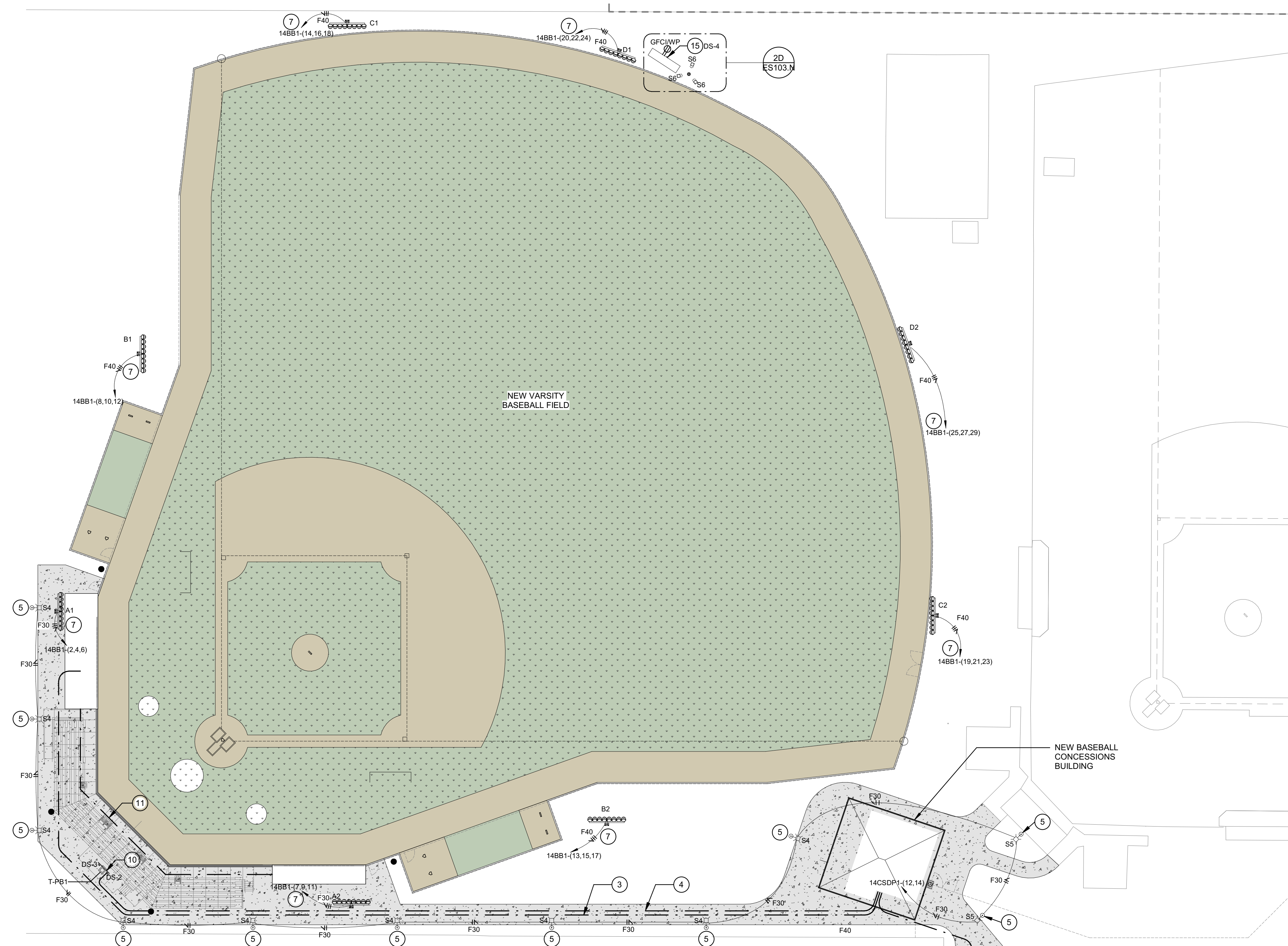
ES103.N

SITE PLAN NOTES

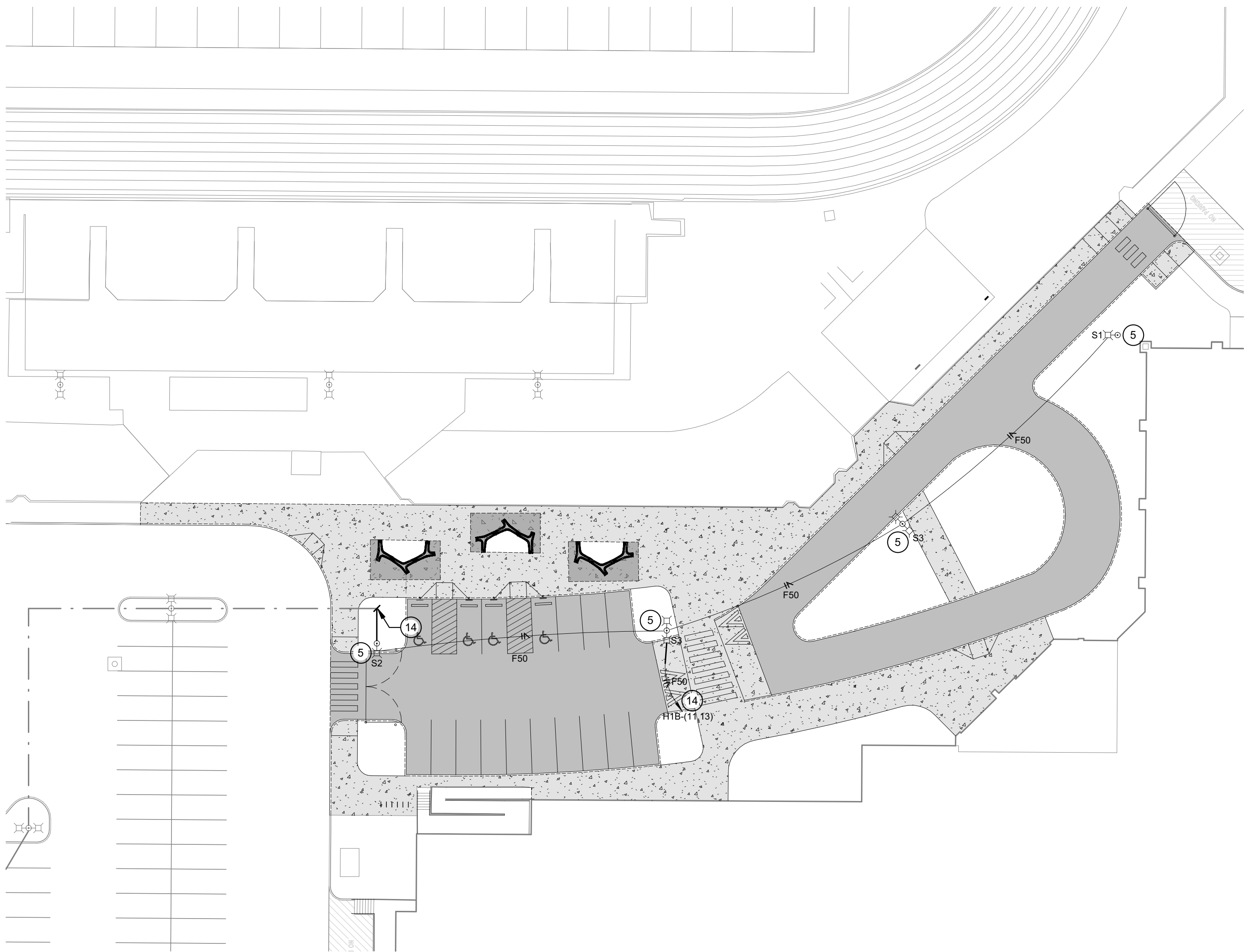
#	NOTES
1	PROVIDE UNDERGROUND FEEDER TO NEW DISTRIBUTION PANELBOARD 14CSPD IN NEW BASEBALL CONCESSIONS STAND. REFER TO ONE-LINE DIAGRAM AND POWER PLANS.
2	PROVIDE UNDERGROUND FEEDER TO NEW PANELBOARD 14SB1 AND BRANCH CIRCUIT TO SOFTBALL SPORTS LIGHTING PANEL IN EXISTING SOFTBALL HOME DUGOUT STORAGE ROOM. 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 ELEVATED FRAME FOR ELECTRICAL EQUIPMENT AT GROUND LEVEL BENEATH ELEVATED PRESS BOX. REFER TO DETAILS SHEET E-501.
11	PROVIDE NEW UNDERGROUND BRANCH CIRCUITS TO BASEBALL VISITOR DUGOUT. REFER TO ATHLETICS BUILDINGS POWER PLANS.
12	ROUTE CIRCUIT TO NEW REPAIR AND RECONNECT SITE LIGHTING CIRCUIT CONTROL PANEL ON NORTH SIDE OF TENNIS COURT SHELTER.
13	INSTALL REPLACEMENT TENNIS COURT SPORTS LIGHTING PANEL FOR LOCATION OF SHOT PUT SPORTS LIGHTING. RECONNECT EXISTING WIRING TO TENNIS COURT SPORTS LIGHTING PANEL AND NEW SHOT PUT LIGHTING CIRCUITS.)
14	EXTEND EXISTING SITE LIGHTING CIRCUIT FROM EXISTING PANELBOARD CIRCUIT 13B1 TO 13C1 TO EXISTING TENNIS COURT SPORTS LIGHTING CIRCUIT. EXISTING FIXTURES TO REMAIN. FIXTURES CONTROLLED BY EXISTING LIGHTING CONTROL CIRCUIT 13C1.
15	DISCONNECT SWITCH FOR SCOREBOARD AND CONVENIENCE RECEPTACLE MOUNTED TO SCOREBOARD POST. PROVIDE WATERPROOF DUPLEX GFCI RECEPTACLE MOUNTED BELOW DISCONNECT SWITCH. REFER TO "ONE LINE DIAGRAM".
16	PROVIDE THREE (3) 120V, 20A CIRCUITS FROM EXISTING PANELBOARD 13, 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.



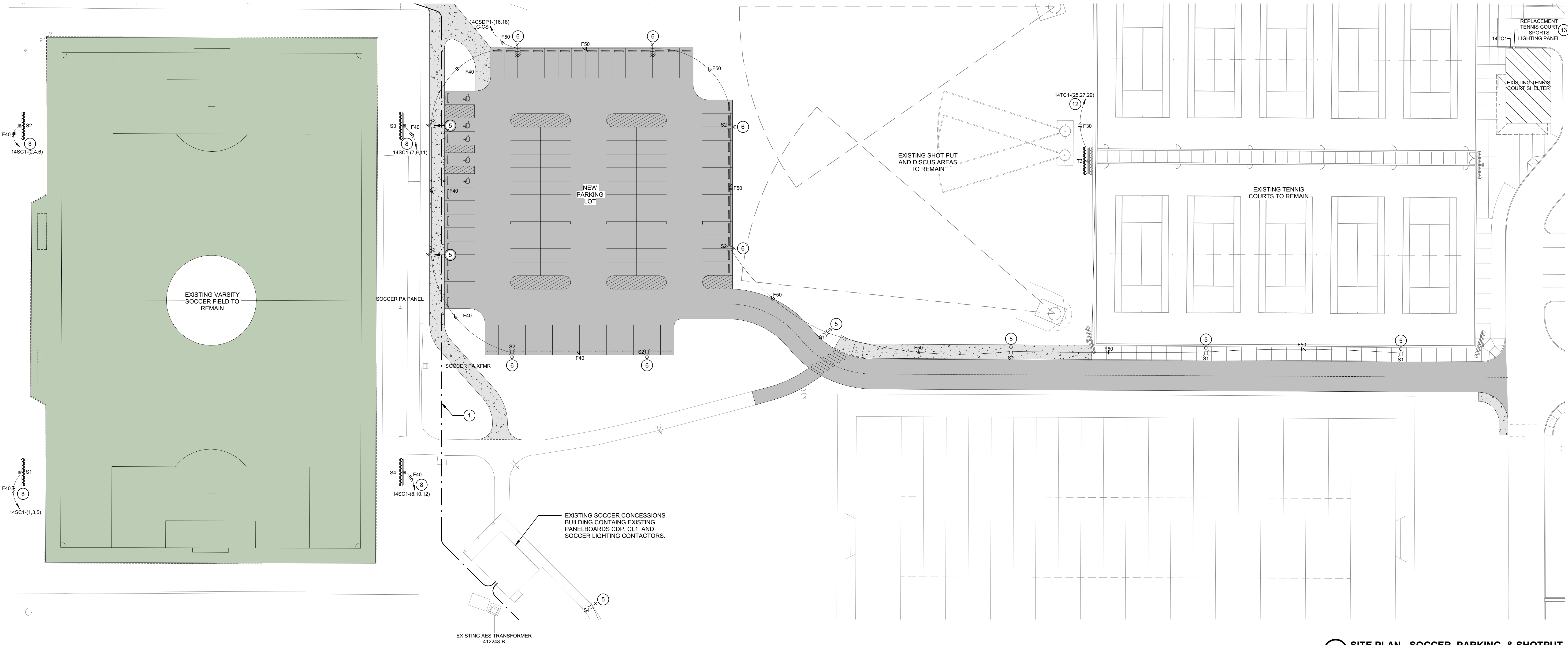
2D SITE PLAN DETAIL - SCOREBOARD, FLAGPOLE
1" = 10'-0"



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



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



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

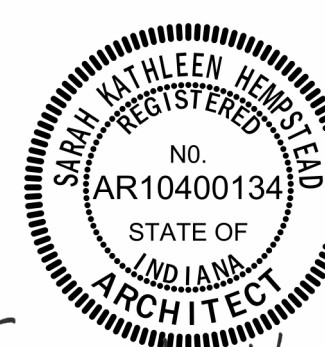
GENERAL SITE NOTES	
#	NOTES
A	REFER TO SHEET E-001 FOR ADDITIONAL INFORMATION.
B	REFER TO LOCAL UTILITIES GUIDE FOR DETAILS AND REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, SERVICE REQUIREMENTS FOR UNDERGROUND PRIMARY, PROTECTIVE POLES FOR PAD-MOUNTED EQUIPMENT, UTILITY TRANSFORMER CONCRETE PAD DETAIL, 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 +2" 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(S).
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.



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Project Date 06.22.2022
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Sarah K. Hempstead

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A1	Addedendum #1	07.14.2022

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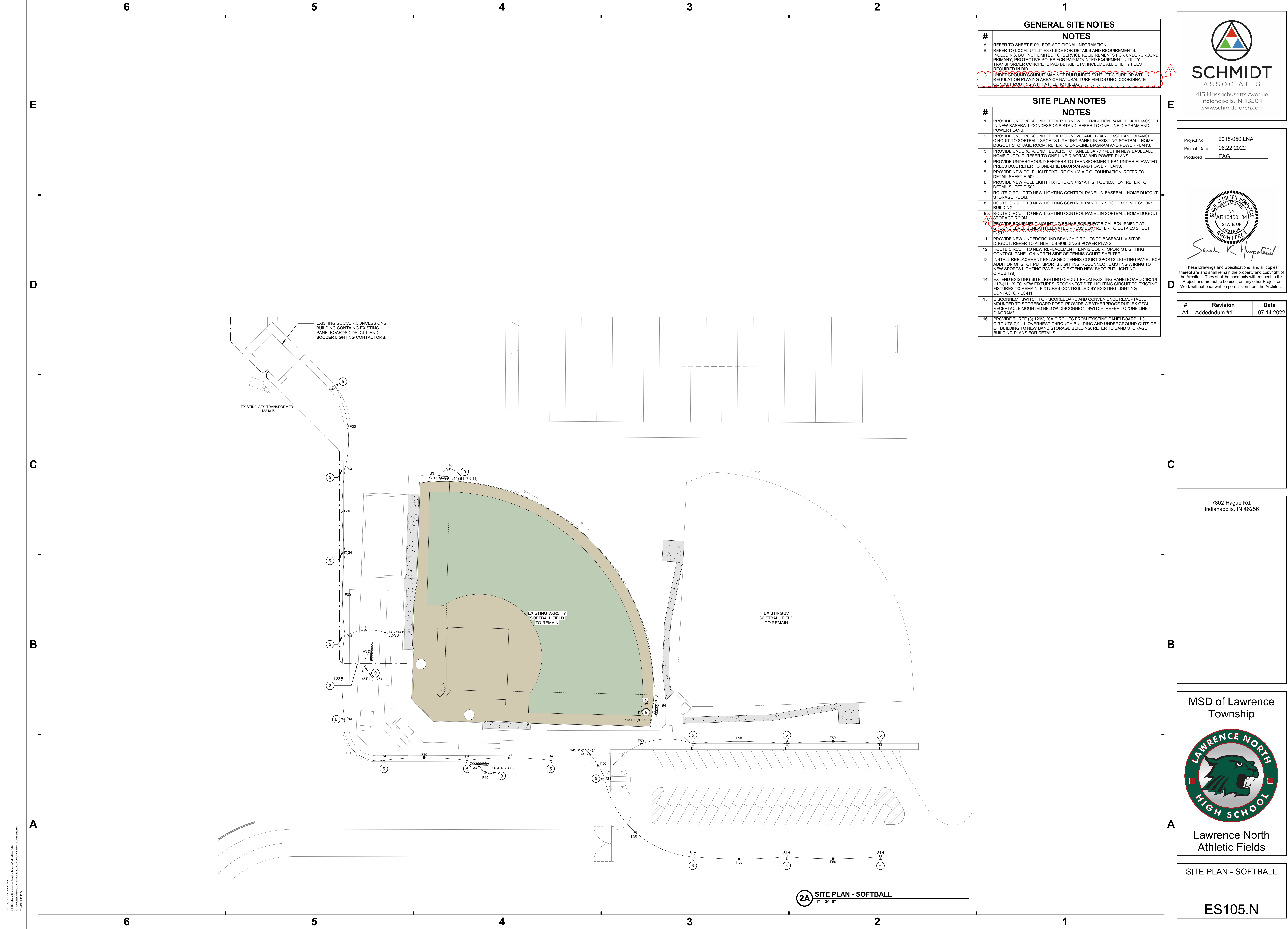
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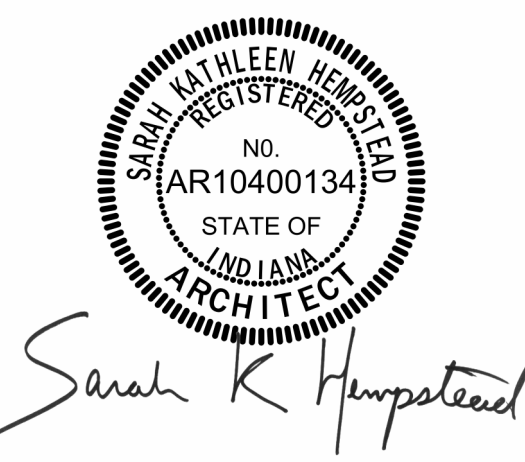
Lawrence North
Athletic Fields

SITE PLAN - PLAZA,
SOCCER & PARKING

ES104.N



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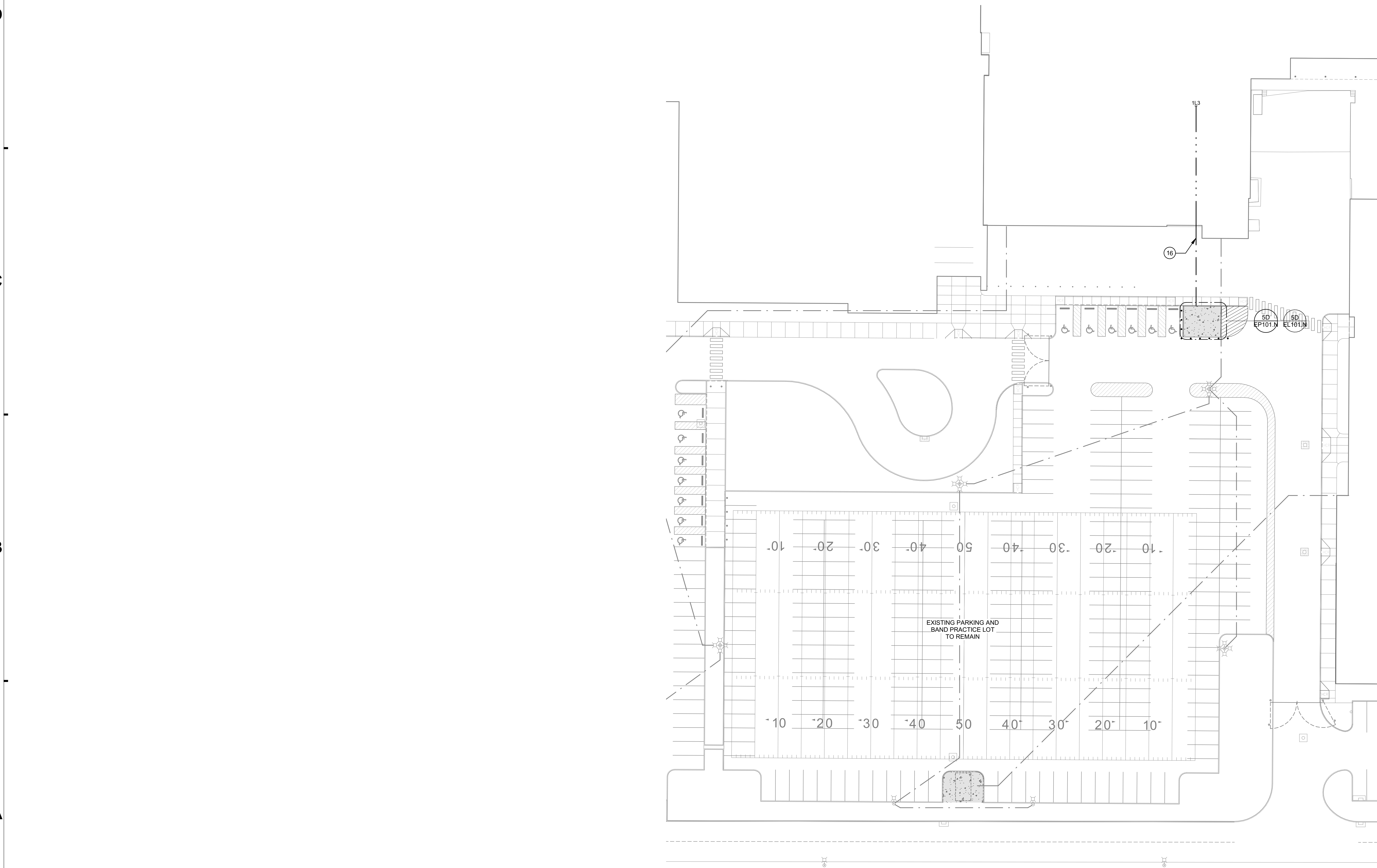


Lawrence North
Athletic Fields

SITE PLAN - SOFTBALL

ES105.N

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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 CIRCUIT(S).
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 LC-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.

2A SITE PLAN - BAND STORAGE AND TOWER
1" = 30'-0"


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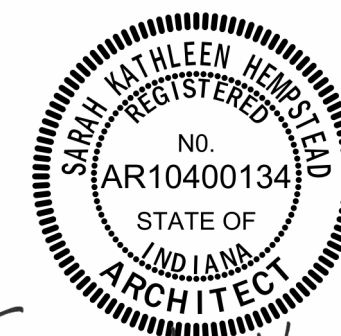


Lawrence North Athletic Fields

SITE PLAN - BAND STORAGE AND TOWER

ES106.N

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Athletic Fields

ATHLETICS BUILDINGS DEMOLITION PLANS

ED101.N

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 EXISTENCE AND EXTENT OF WORK TO BE SUBMITTED.

C CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MAY BE EXECUTED BY THE SAME OR EITHER.

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 ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN.

G REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BOLD/DASHED LINEWORK COMPLETE.

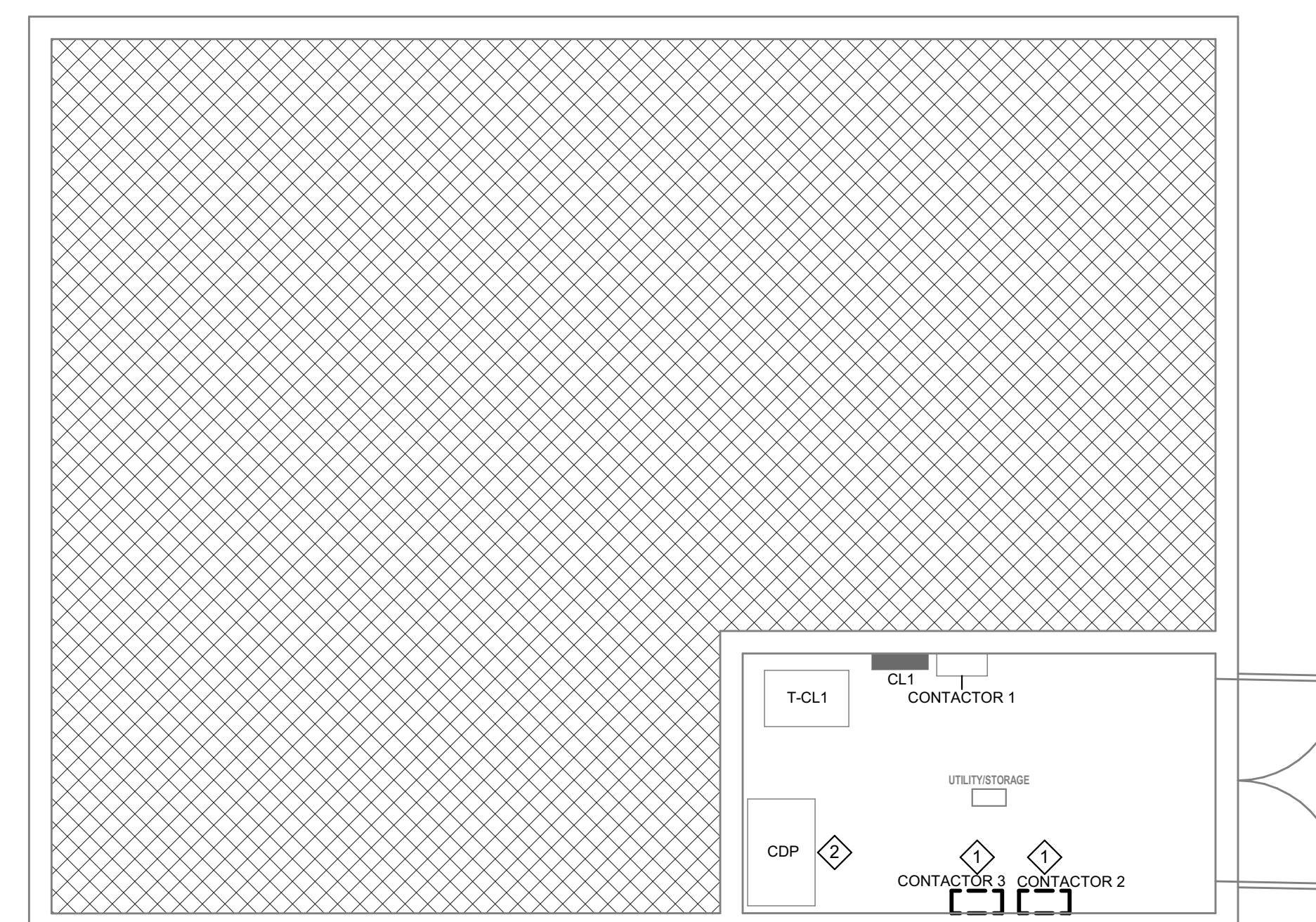
H COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.

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 WITH NEW WYWAYS, PROVIDE NEW COVERPLATES.

K REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DUCTS, FITTINGS, AND BOXES AS NOTED. PROVIDE ALL ELECTRICAL ITEMS ALLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILINGS.

- 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.



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

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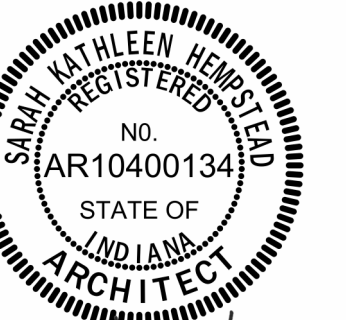
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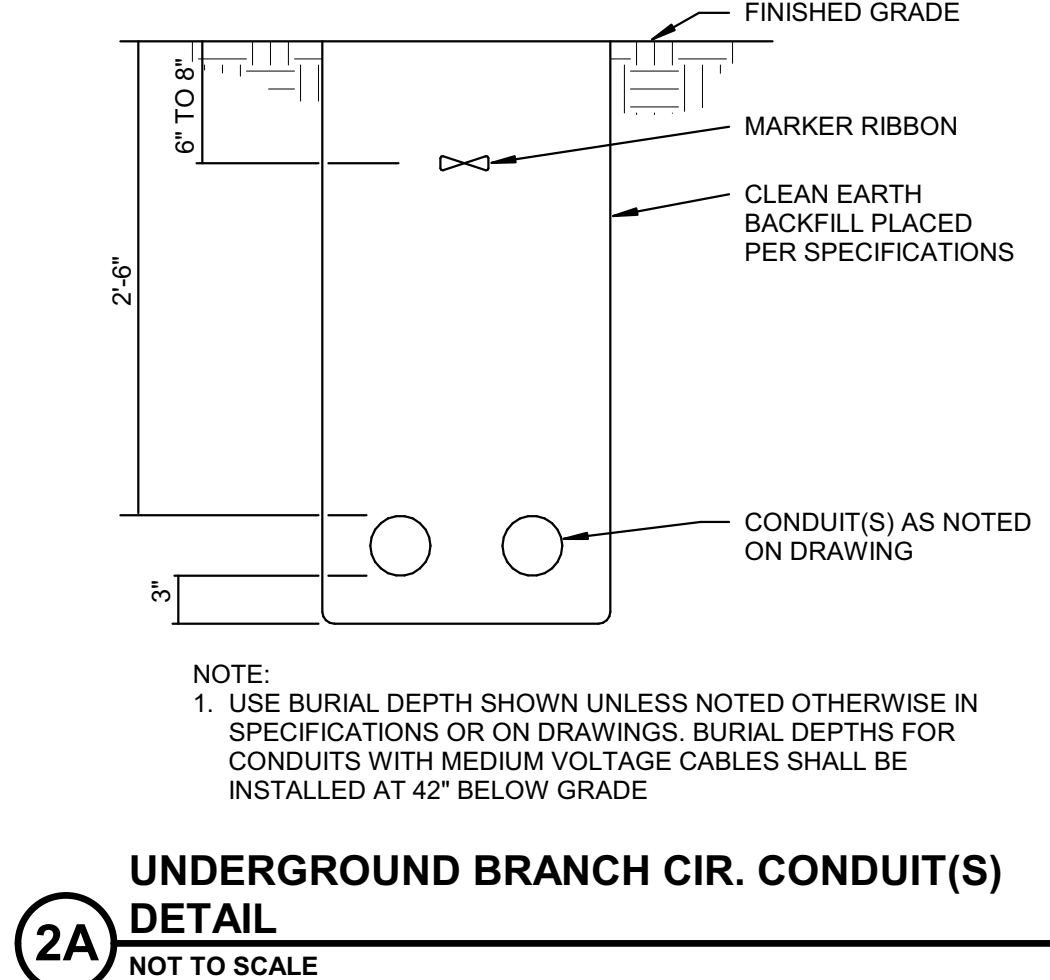
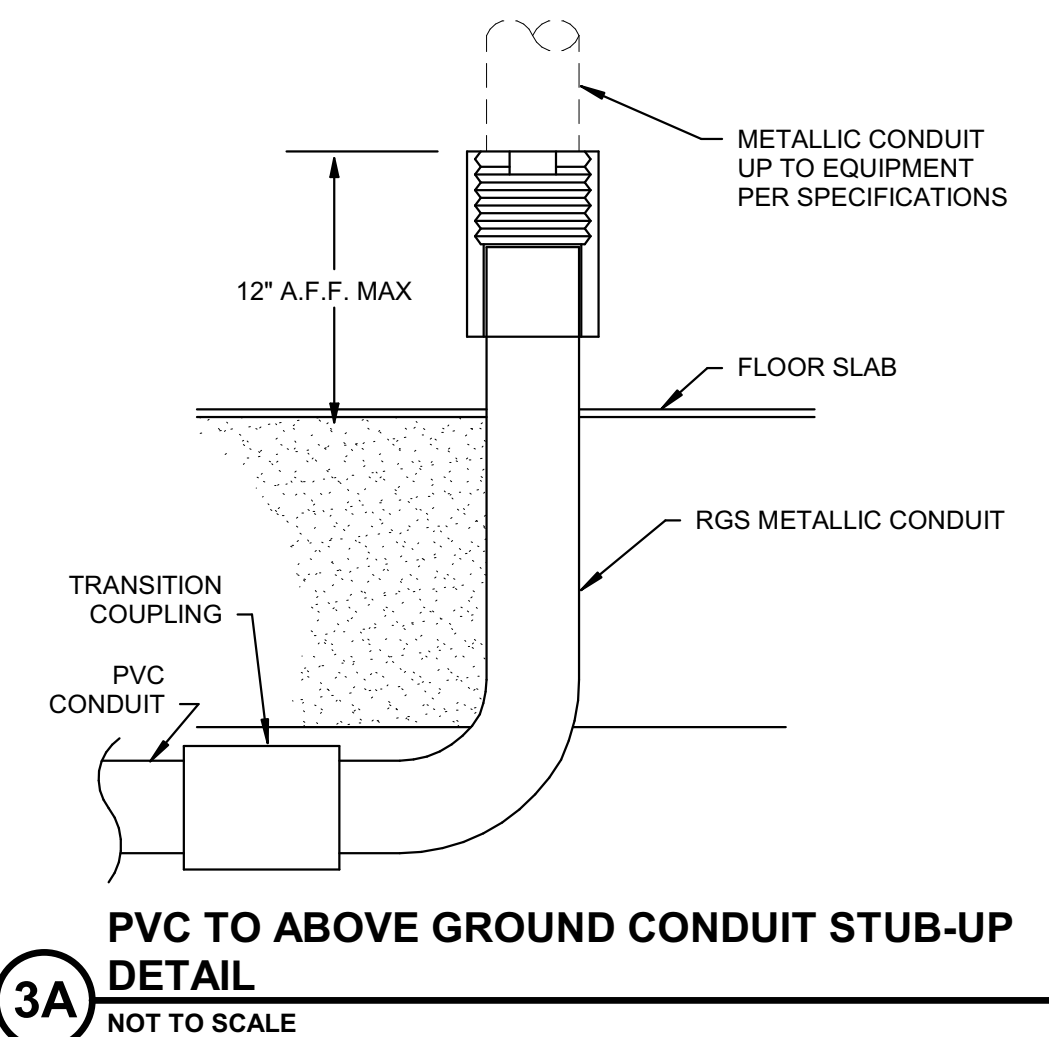
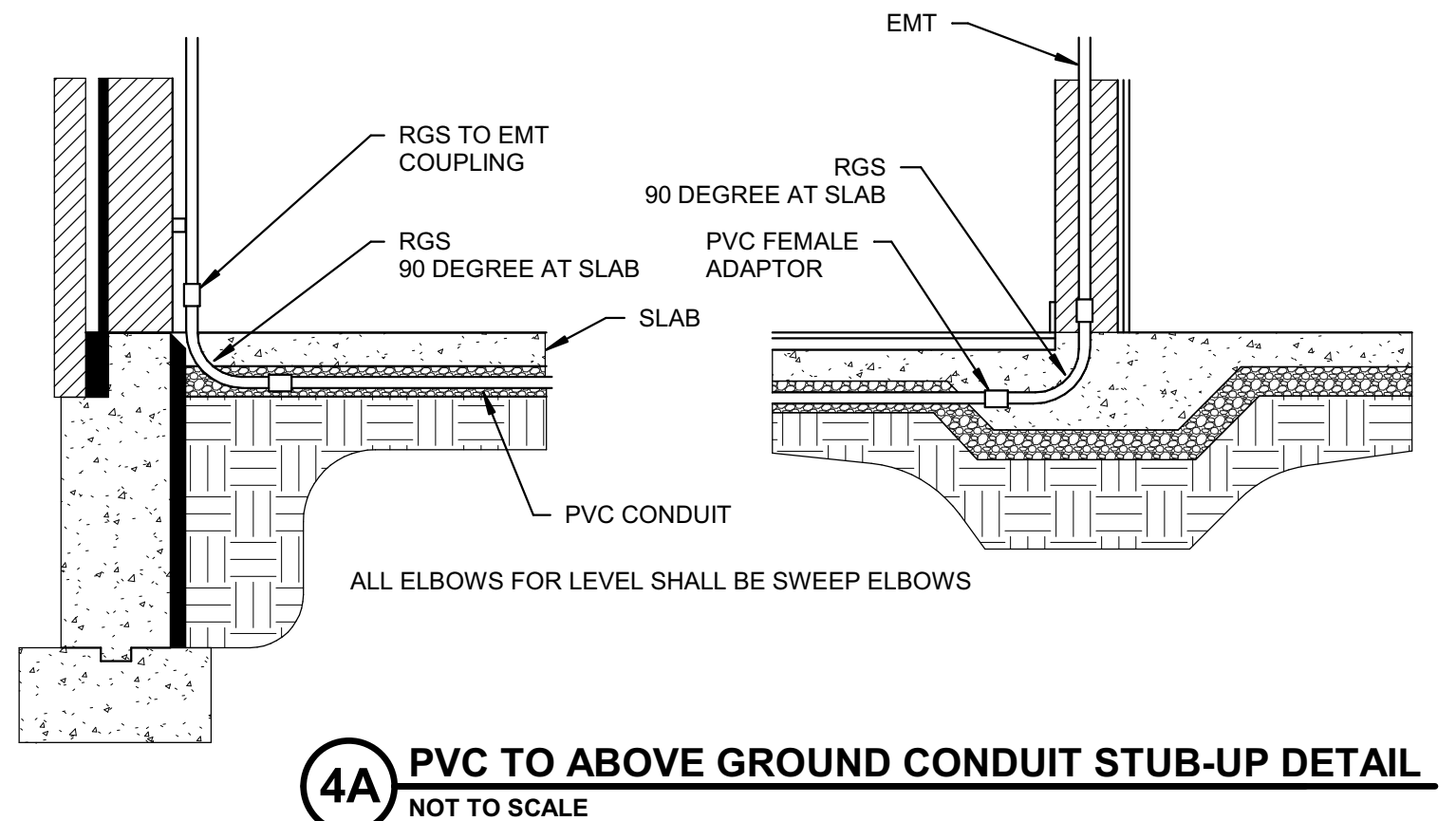
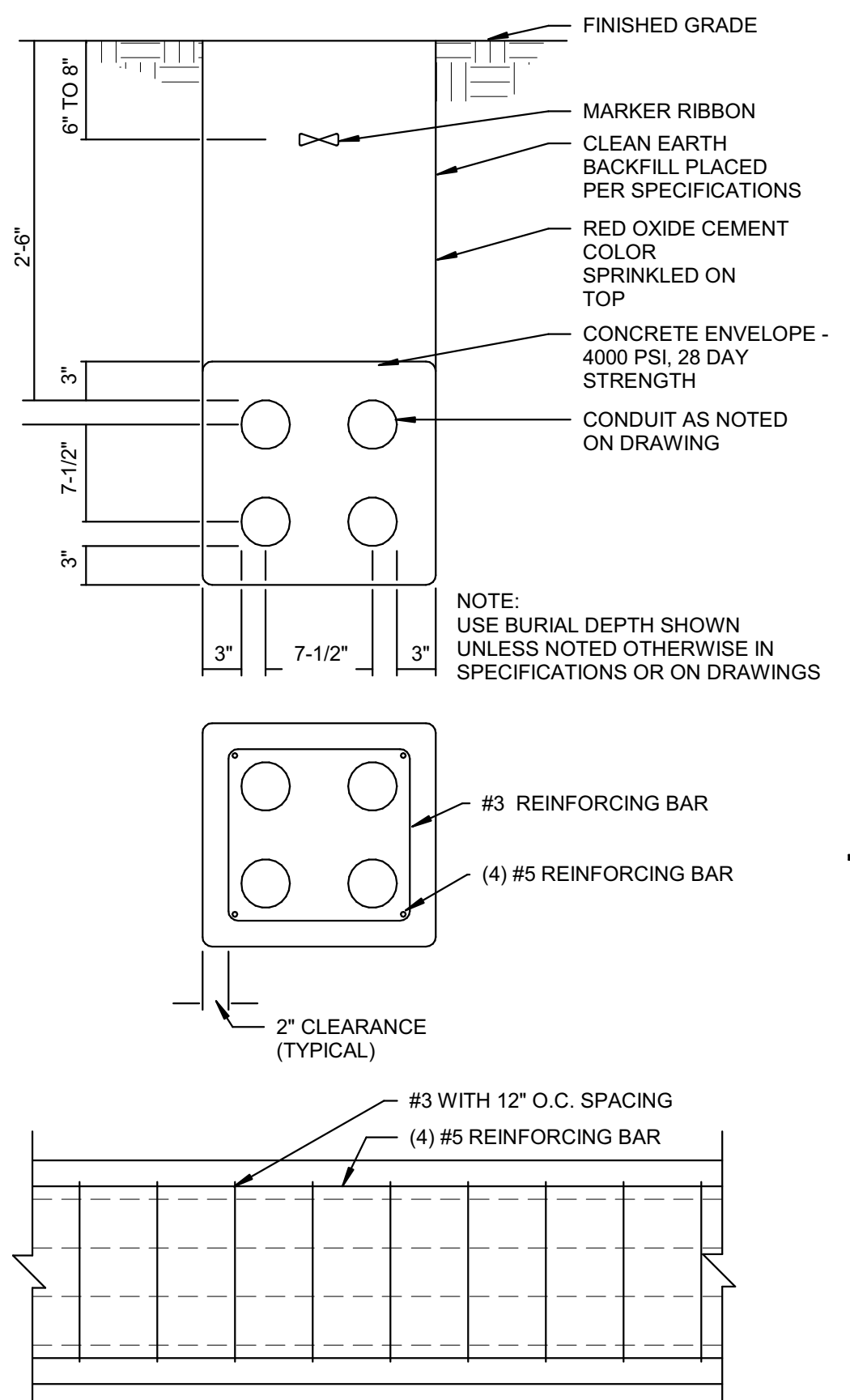
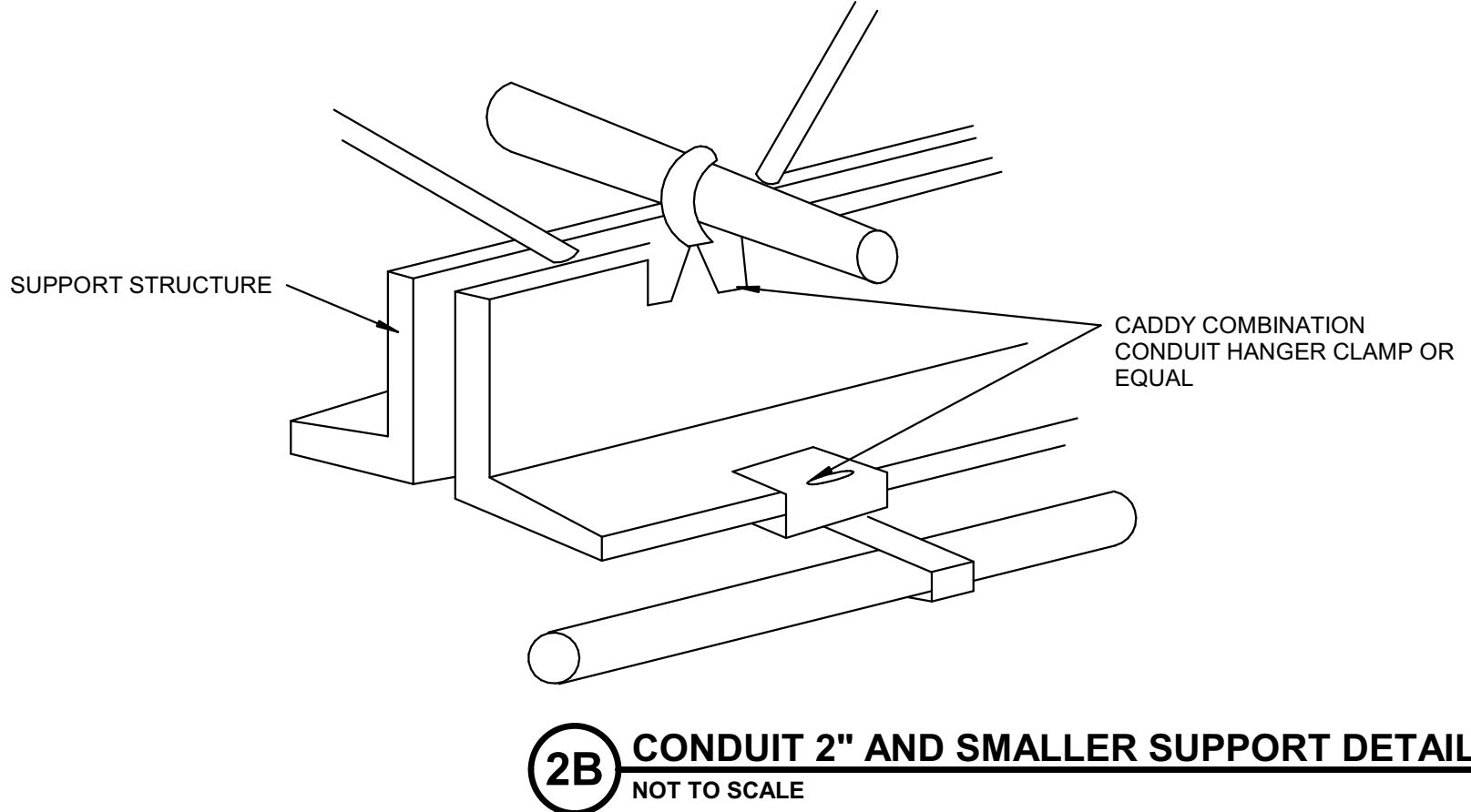
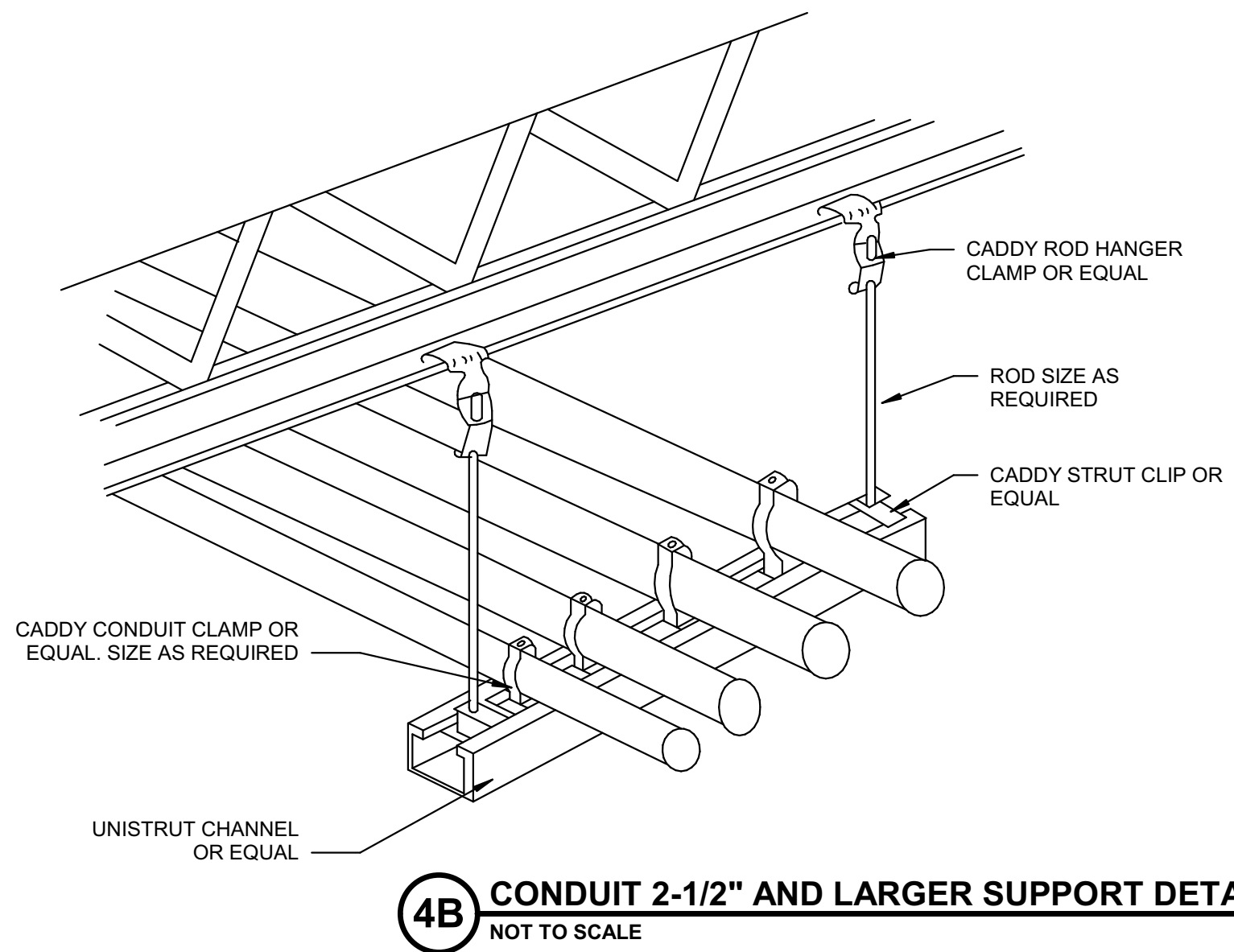
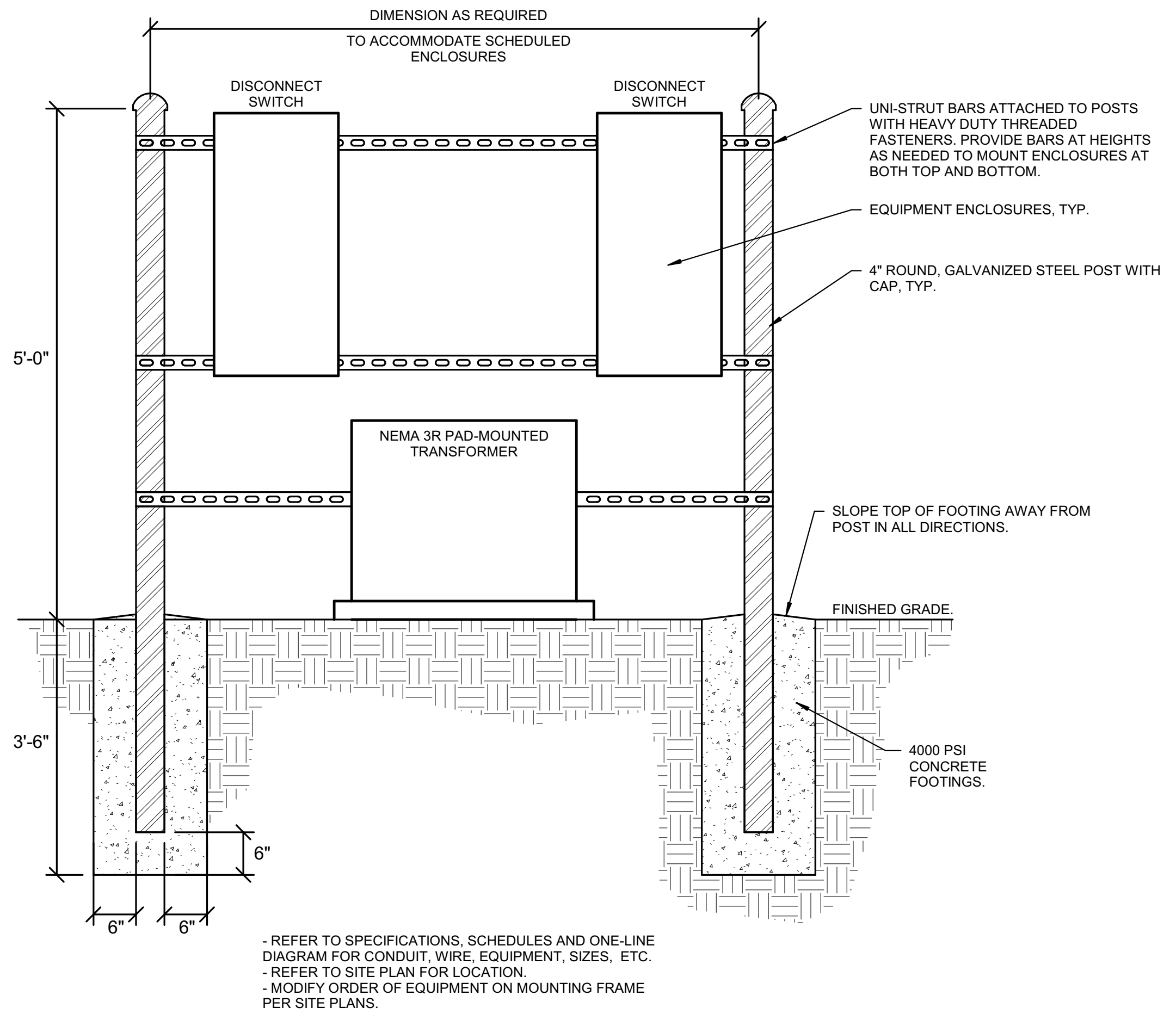
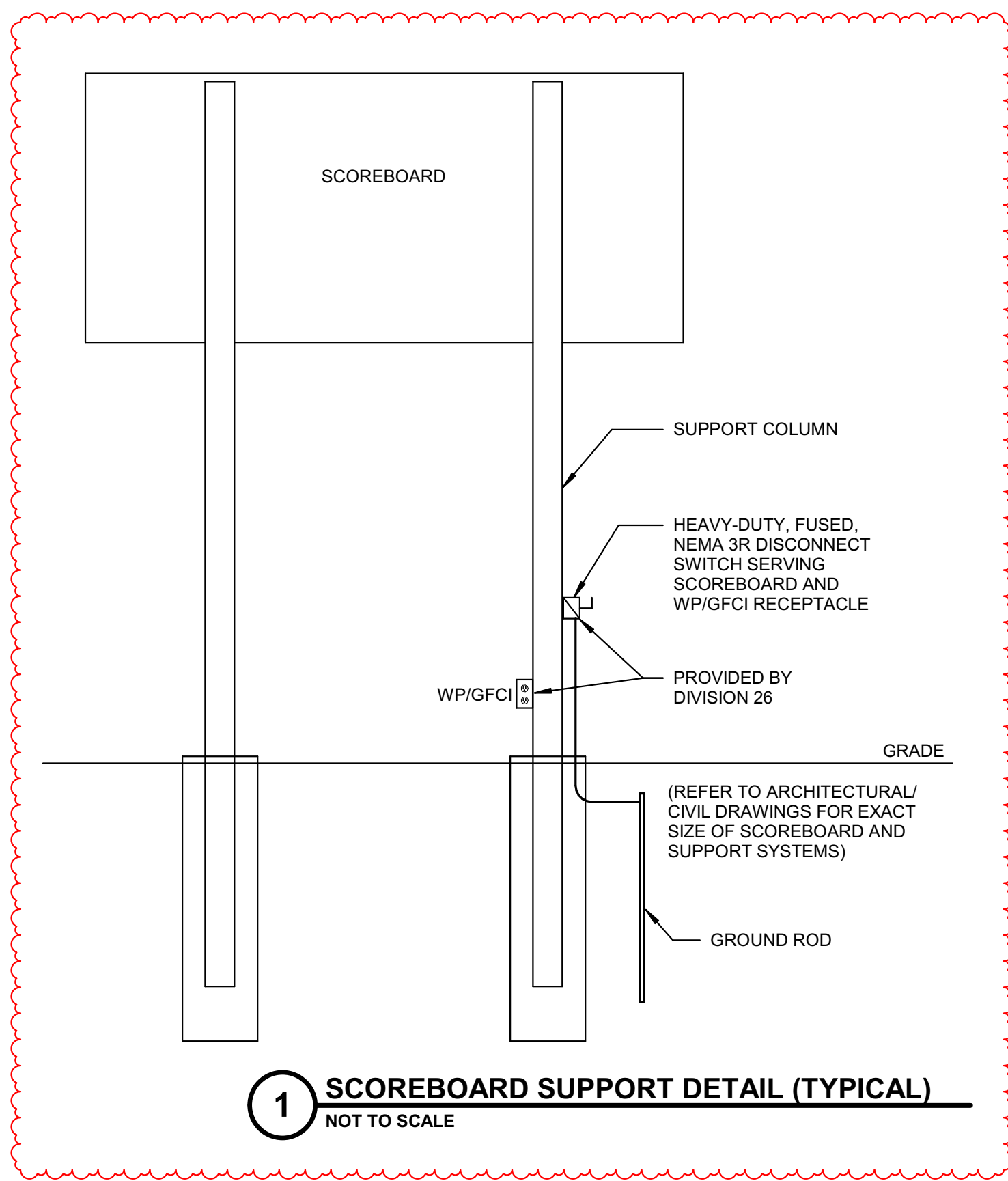
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MSD of Lawrence Township



Lawrence North Athletic Fields

GENERAL DETAILS

E-503.N

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Lawrence North
Athletic Fields

SCHEMATICS

E-602.N



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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.)

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	DLC	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	DLC	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	DLC	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	DLC	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	DLC	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	DLC	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	DLC	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 LDSQ48 PRESCOLITE LTR-4SQD GOTHAM 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	DLC	METALUX 4V12 COLUMBIA LXEM4 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	DLC	METALUX 4V12 COLUMBIA LXEM4 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 PER HEAD	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 NFFLD-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	VOLTAGE	PANEL	CIRCUIT			
LC-CS	U103	UTILITY	600 V	30 A	12	NEMA 1	277 V	14CSDP1	8	PHOTOCELL LOCATED ON ROOF	14CSDP1-6,12,14,16,18,26	
LC-SB			600 V	30 A	8	NEMA 1	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		

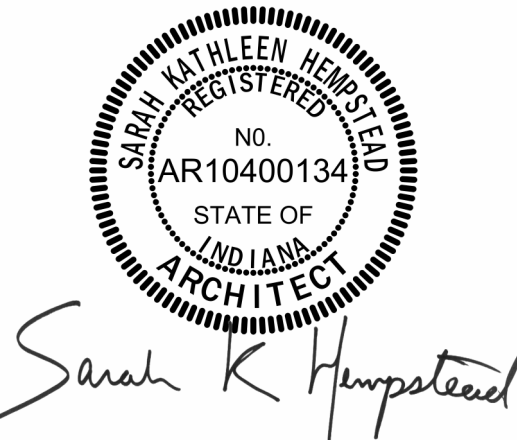
262213.1 - LOW-VOLTAGE DISTRIBUTION TRANSFORMERS SCHEDULE																	
LABEL	LOCATION		EQUIPMENT SERVED	EQUIPMENT RATINGS					VOLTAGE		CONNECTION		FEEDER SIZES		GROUNDING / BONDING		REMARKS
	NUMBER	NAME		KVA	PHASE	TYPE	MOUNT	NEMA ENCL	PRIMARY	SECONDARY	PRIMARY	SECONDARY	PRIMARY	SECONDARY	GEC	SBJ / 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	24

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	



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



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#	Revision	Date
A1	Addedndum #1	07.14.2022

7802 Hague Rd,
Indianapolis, IN 46256

MSD of Lawrence Township



Lawrence North
Athletic Fields

LIGHTING AND
EQUIPMENT SCHEDULES

E-603.N

6
5
4
3
2
1

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 12BB1					VOLTS: 208Y/120 V					MAINS RATING: 100 A					
LOCATION: STOR W103					PHASES: 3					MAINS TYPE: MCB					
MOUNTING: SURFACE					WIRES: 4					MCB RATING: 100 A					
SUPPLY FROM: T-BB1					AIC RATING: 10,000 A					MCB OPTIONS:					
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O	
	1	BBALL H. DUGOUT STORAGE	RECEPTS	20 A	1	0.72	0.00			1	20 A	SPARE	2	--	
	3	BBALL H. DUGOUT EXTERIOR	RECEPTS	20 A	1		0.36	0.36			20 A	RECEPTS	BBALL V. DUGOUT	4	
	5	BBALL H. DUGOUT	RECEPTS	20 A	1			0.36	0.36	1	20 A	RECEPTS	BBALL V. DUGOUT EXTERIOR	6	
	7	BBALL H. VEHICLE STORAGE	RECEPT	20 A	1	0.18	0.00			1	20 A	SPARE	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		0.95 kVA					
TOTAL AMPS:						8 A		10 A		8 A					
TOTAL CONNECTED LOAD: 3.07 kVA												3.13 kVA TOTAL DEMAND LOAD:			
TOTAL CONNECTED AMPS: 10 A												9 A TOTAL DEMAND AMPS:			
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C CONTACTOR CONTROLLED						Receptacle - General		2840 VA		100.00%		2840 VA			
G GFCI PROTECTED						Lighting - Interior		228 VA		125.00%		285 VA			
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: 12CS1					VOLTS: 208Y/120 V					MAINS RATING: 225 A							
LOCATION: UTILITY U103					PHASES: 3					MAINS TYPE: MCB							
MOUNTING: SURFACE					WIRES: 4					MCB RATING: 175 A							
SUPPLY FROM: T-CS1					AIC RATING: 10,000 A					MCB OPTIONS:							
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O			
	1	U105, U106, U107	RECEPTS	20 A	1	0.54	1.50			1	20 A	HAND D U105	2	G			
	3	U102	RECEPT	20 A	1		0.18	1.50			1	20 A	HAND D U106	4	G		
	5	U101	RECEPTS	20 A	1			0.54	1.50	1	20 A	HAND D U106	6	G			
	7	U103	RECEPTS	20 A	1	0.36	1.50			1	20 A	HAND D U107	8	G			
G	9	U104	REFRIG	20 A	1		1.20	1.50			1	20 A	HAND D U107	10	G		
	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	HWOP-1	20 A	1		0.19	0.00		1	20 A	SPARE	34	--			
	35	U104	EWI-2	20 A	2			2.40	0.00	1	20 A	SPARE	36	--			
--	37	--	--	--	--	2.40	0.00			1	20 A	SPARE	38	--			
	39	U101	EWI-1	20 A	1		1.50	1.66		2	20 A	BASEBALL SCOREBD, 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														24.50 kVA		TOTAL DEMAND LOAD:	
TOTAL CONNECTED AMPS: 77 A														68 A		TOTAL DEMAND AMPS:	
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION			CONNECTED LOAD (VA)			DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C CONTACTOR CONTROLLED						Receptacle - General			15940 VA			81.37%					
G GFCI PROTECTED						Mechanical - Motor			5228 VA			100.00%		5228 VA			
P HANDLE LOCKING DEVICE						Mechanical - Heating			6300 VA			100.00%		6300 VA			
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																	

MSD of Lawrence Township Lawrence Central Athletic Fields

2018-050.LCA

7300 E. 56th Street
Indianapolis, IN 46226

06.22.2022
2018-050.LCA

MSD of Lawrence Township
Lawrence Central Athletic Fields

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.

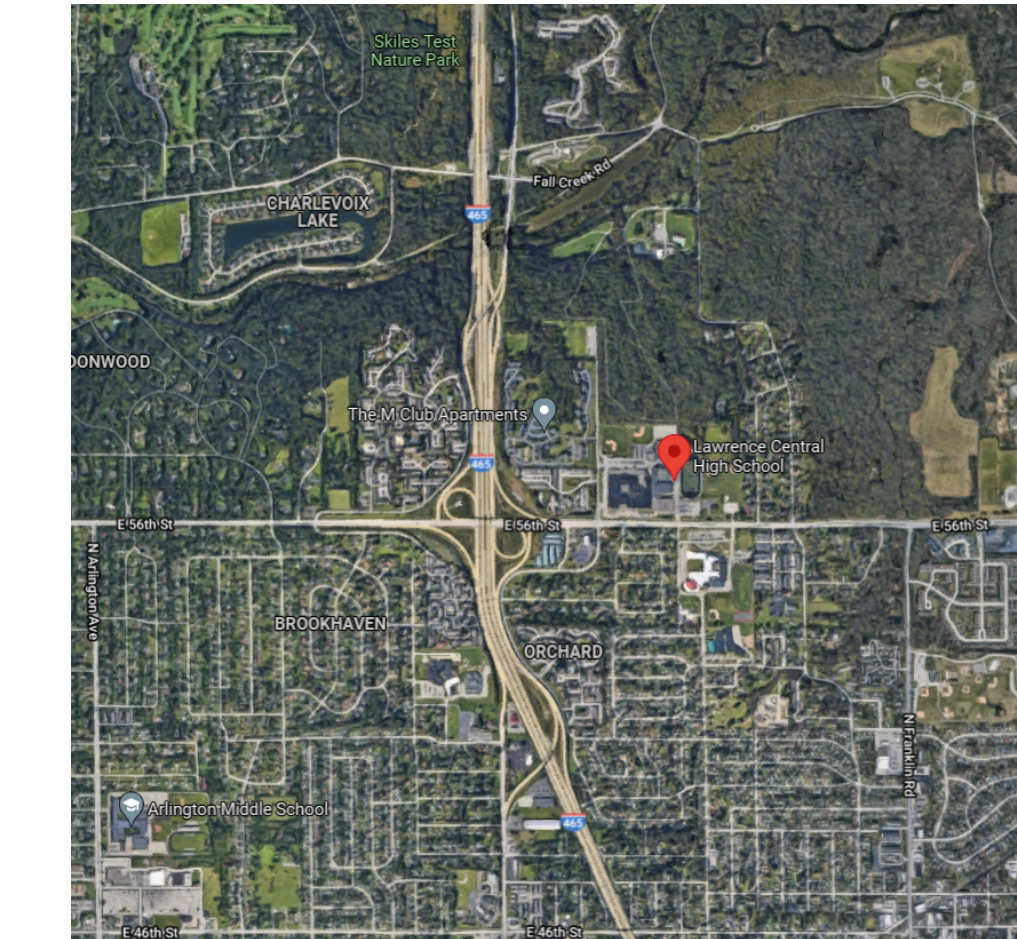
Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction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

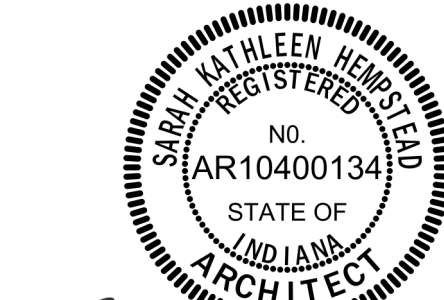


Thoroughfare Map

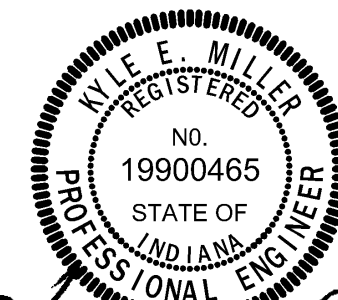


SHEET INDEX	
Number	Sheet Name
1 - General	
G-000.C	COVER SHEET
G-100.C	LIFE SAFETY PLANS
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C-001.C	SITE GENERAL NOTES AND ABBREVIATIONS
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1 OF 1	SITE SURVEY
1 OF 9	SITE SURVEY
2 OF 9	SITE SURVEY
3 OF 9	SITE SURVEY
4 OF 9	SITE SURVEY
5 OF 9	SITE SURVEY
6 OF 9	SITE SURVEY
7 OF 9	SITE SURVEY
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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
CL317.C	SEGMENTAL WALL DETAILS
CL501.C	SITE LAYOUT DETAILS
CL502.C	SITE LAYOUT DETAILS
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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
CJ104.C	SITE UTILITY PLAN
CJ105.C	SITE UTILITY PLAN
CJ106.C	SITE UTILITY PLAN

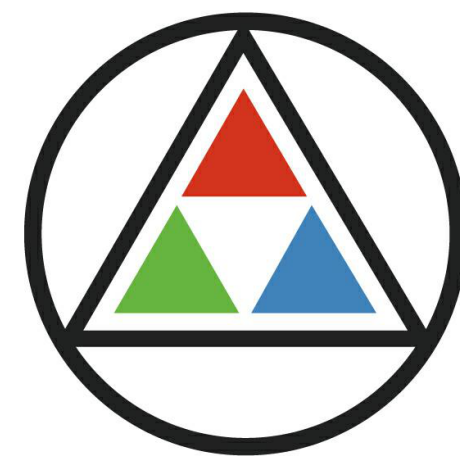
SHEET INDEX	
Number	Sheet Name
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S-101	CONCESSIONS BLDG - FOUNDATION PLAN
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S-102	BASEBALL - HOME DUGOUT
S-103	BASEBALL - AWAY DUGOUT
S-104	JV SOFTBALL - HOME DUGOUT
S-105	JV SOFTBALL - AWAY DUGOUT
S-400	TYPICAL FOUNDATION DETAILS
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S-600	STRUCTURAL NOTES
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A-101.C	CONCESSIONS/RR BUILDING - PLANS
A-102.C	BASEBALL - HOME DUGOUT
A-103.C	BASEBALL - VISITOR DUGOUT
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A-201.C	CONCESSIONS/RR BUILDING - ELEVATIONS, SECTIONS, & DETAILS
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7 - Mechanical	
MA001	MECHANICAL SYMBOLS AND ABBREVIATIONS
MHA1	FIRST FLOOR HVAC PLAN
8 - Plumbing	
P-001	PLUMBING SYMBOLS AND ABBREVIATIONS
PP101	PLUMBING PLANS AND SCHEDULES
9 - Electrical	
E-001.C	SYMBOLS & ABBREVIATIONS
E-002.C	GENERAL INFORMATION
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ES102.C	SITE PLAN - OVERALL
ES103.C	SITE PLAN - PLAZA & PARKING
ES104.C	SITE PLAN - BASEBALL
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EL101.C	ATHLETICS BUILDINGS LIGHTING PLANS
EP101.C	ATHLETICS BUILDINGS POWER PLANS
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	PANELBOARD SCHEDULES
10 - Telecommunications	
T-001.C	SYMBOLS & ABBREVIATIONS
TS101.C	TELECOMMUNICATIONS SITE PLAN
TF101.C	TELECOMMUNICATIONS PLAN



Sarah K. Hampstead

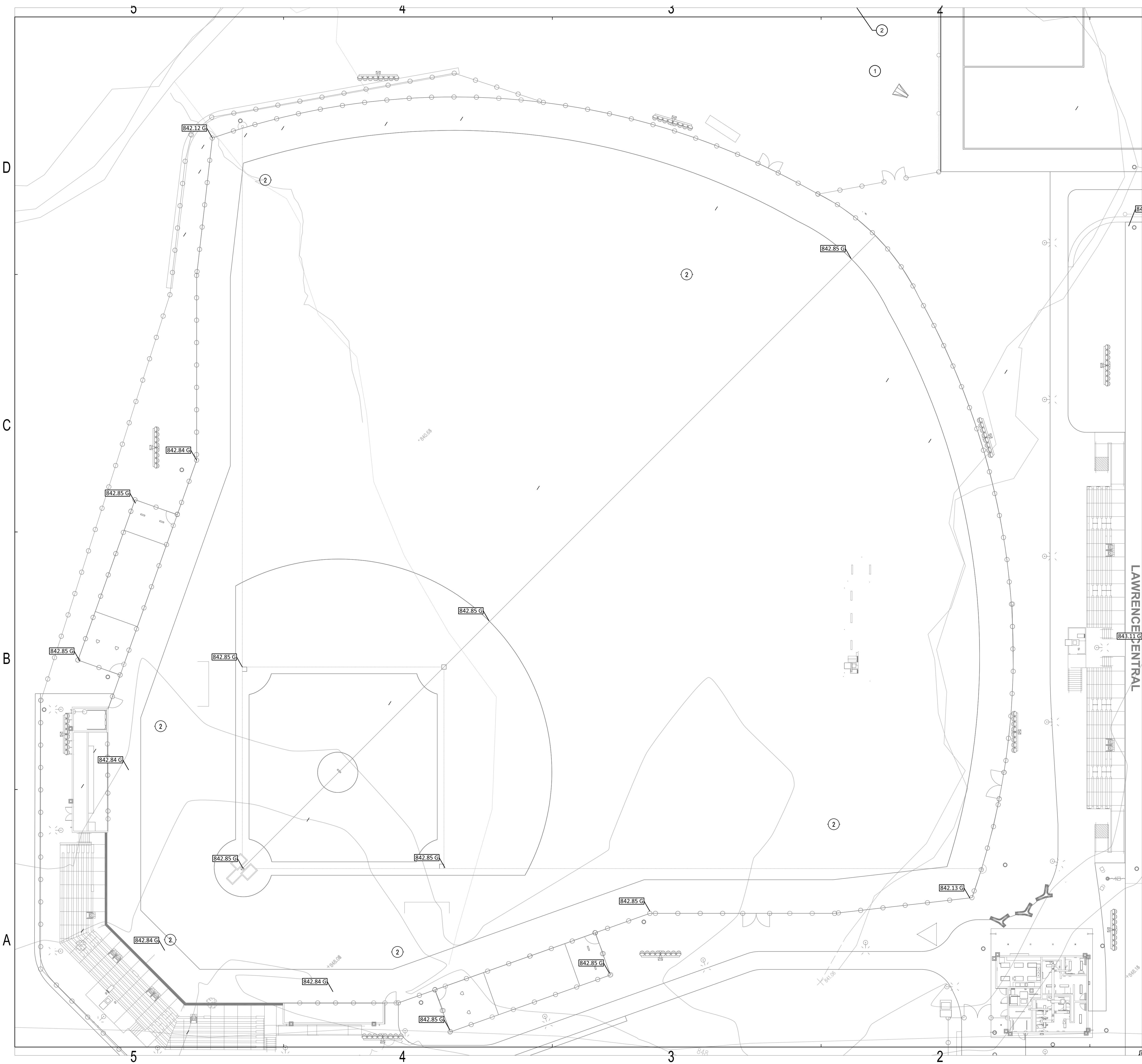


Mike E. Miller



SCHMIDT
ASSOCIATES

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



GENERAL GRADING NOTES

1. IF THE LOCAL BENCHMARK(S) WILL BE DISTURBED DURING CONSTRUCTION, IT 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

1A GRADING PLAN
1" = 20'



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

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



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#	Revision	Date
A1	Addendum 1	07.14.2022

KEY PLAN



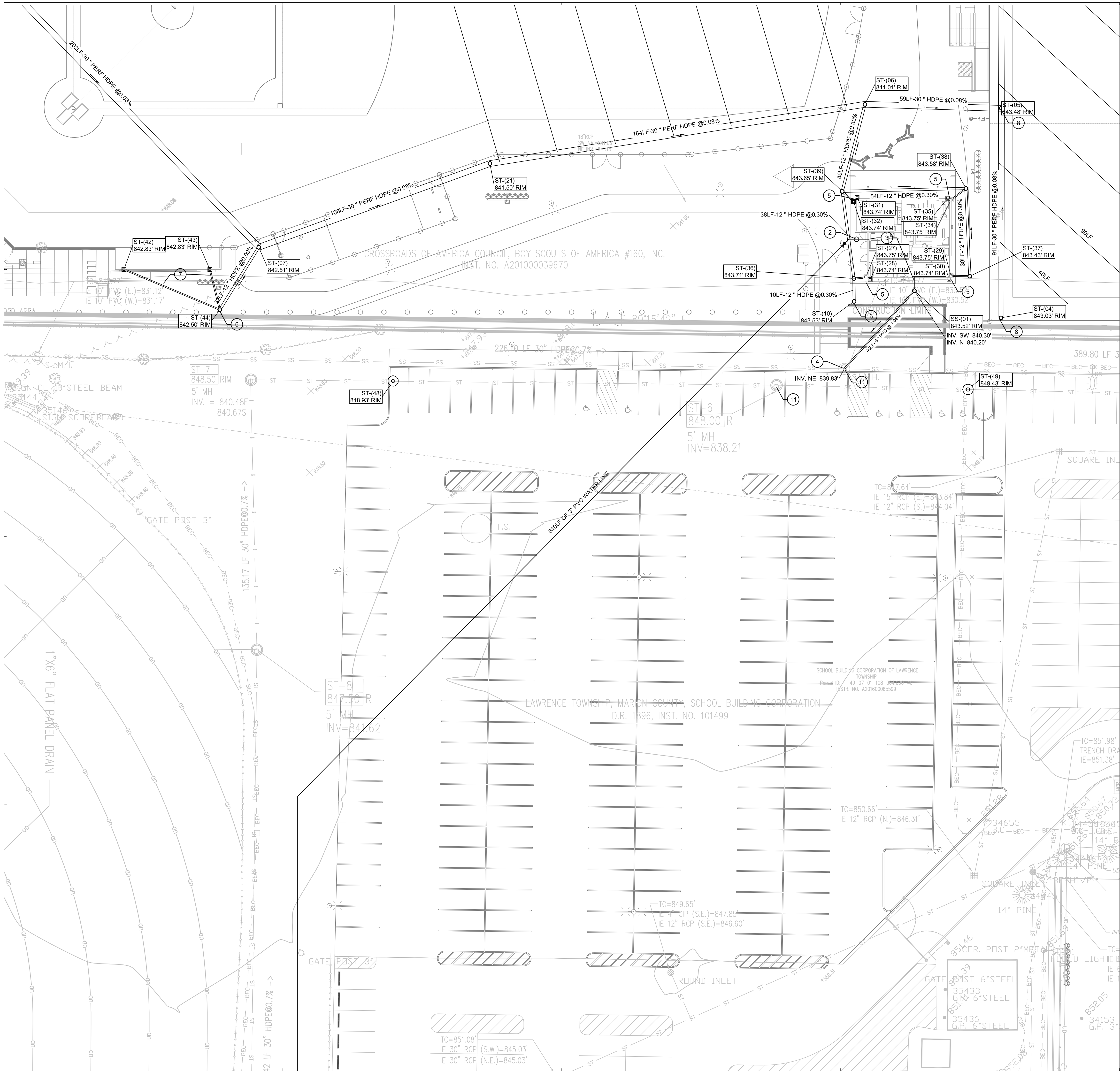
M.S.D. of Lawrence Township



LAWRENCE CENTRAL ATHLETIC FIELDS

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

- PIPE
- WATER VALVE
- FIRE HYDRANT
- MANHOLE
- END SECTION
- BOX STRUCTURE
- DOWNSPOUT BOOT
- CLEAN OUT
- STORM NETWORK
- SANITARY NETWORK

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
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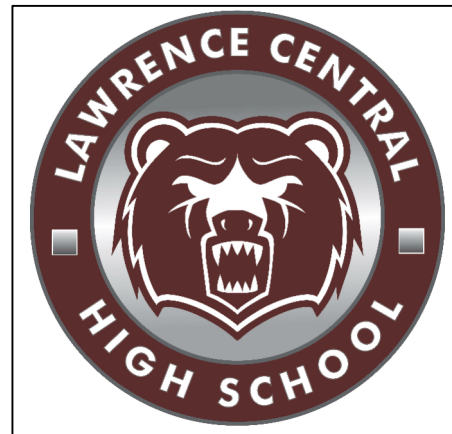


#	Revision	Date
A1	Addendum 1	07.14.2022

7300 E 56th St,
Indianapolis, IN 46226

KEY PLAN

M.S.D. of Lawrence
Township



LAWRENCE CENTRAL
ATHLETIC FIELDS

UTILITY PLAN

CU105.C

1A UTILITY PLAN
1" = 20'

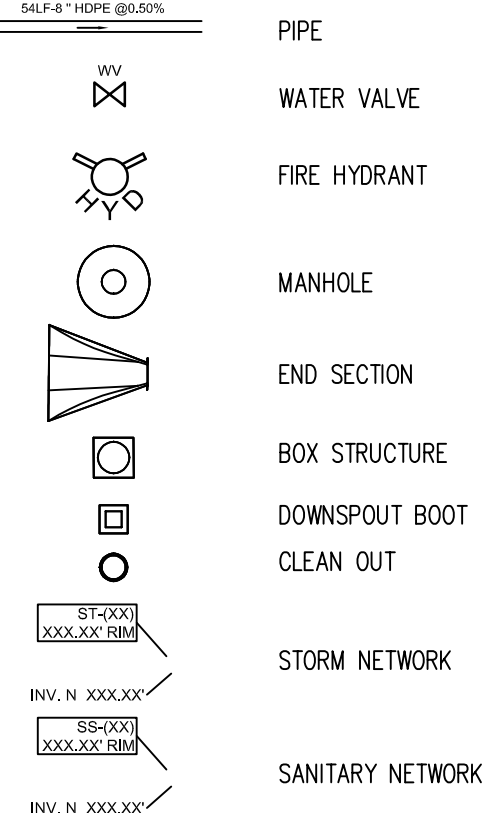
ST STRUCTURE DATA TABLE				
NUMBER	TYPE	CASTING	RIM ELEVATIONS	INVERTS
ST-(01)	16 inch Flared End Section 67' x 74'	???	833.85' RIM	18" INV. E 832.20'
ST-(02)	"Nyloplast"	R-2560-G	840.45' RIM	30" INV. S 832.38' 18" INV. W 832.28' 30" INV. E 832.38' 30" INV. N 832.38'
ST-(03)	"Nyloplast"	R-2560-G	843.03' 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.

UTILITY LEGEND

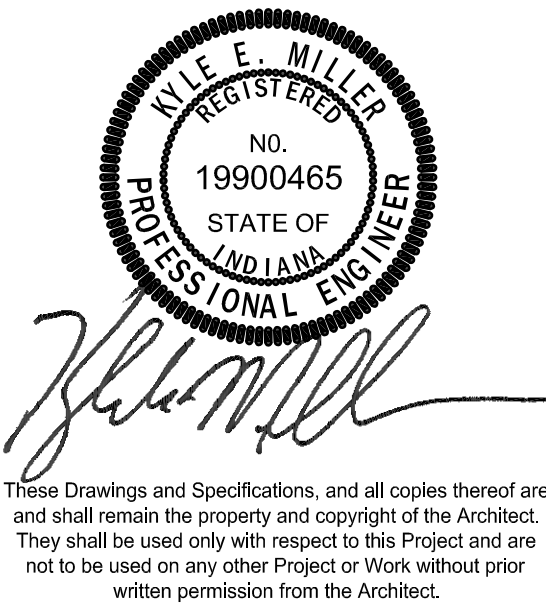


UTILITIES KEY NOTES

- 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.



Project No. 2018-050.LCA
Project Date 06.22.2022
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KEY PLAN

M.S.D. of Lawrence
Township

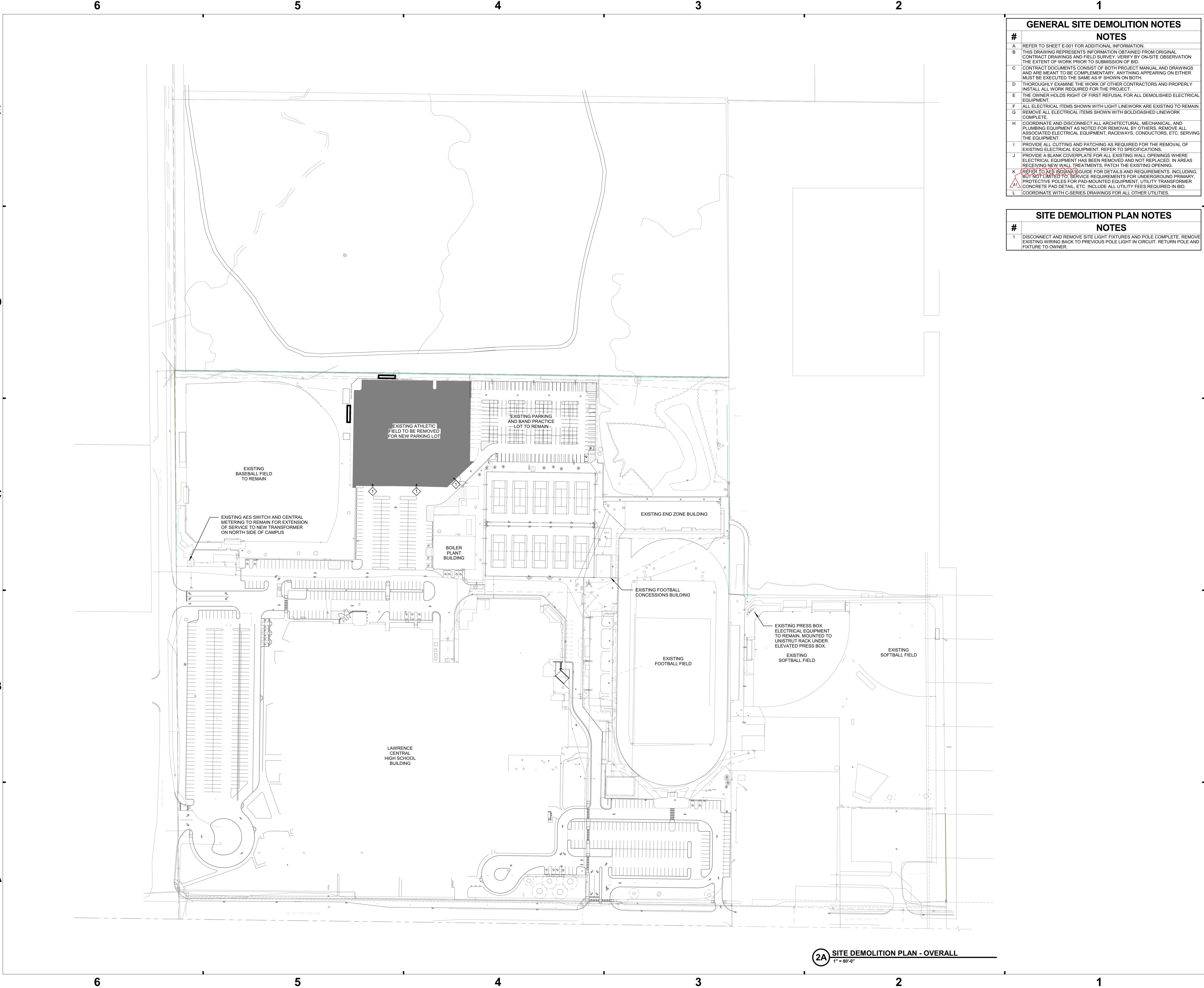


LAWRENCE CENTRAL
ATHLETIC FIELDS

UTILITY PLAN

CU106.C

1A UTILITY PLAN
1" = 20'




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.



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Sarah K. Hupert

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Indianapolis, IN 46226

M.S.D. of Lawrence Township

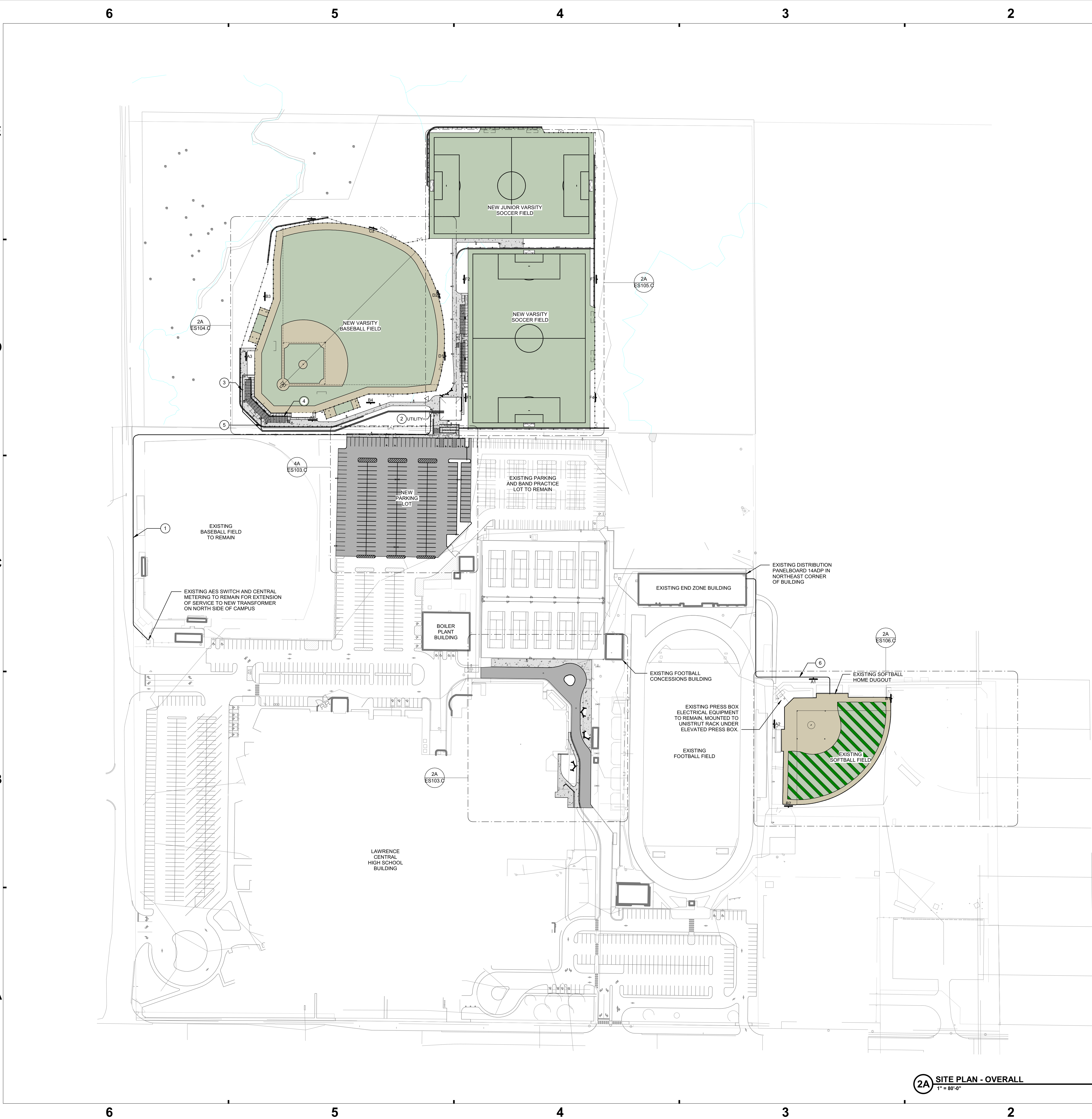


Lawrence Central Athletic Fields

SITE DEMOLITION PLAN

ES101.C

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




GENERAL SITE NOTES	
#	NOTES
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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.
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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.
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15	EXTEND EXISTING 277V LIGHTING CIRCUIT FROM EXISTING FIXTURE TO NEW FIXTURE.



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M.S.D. of Lawrence Township

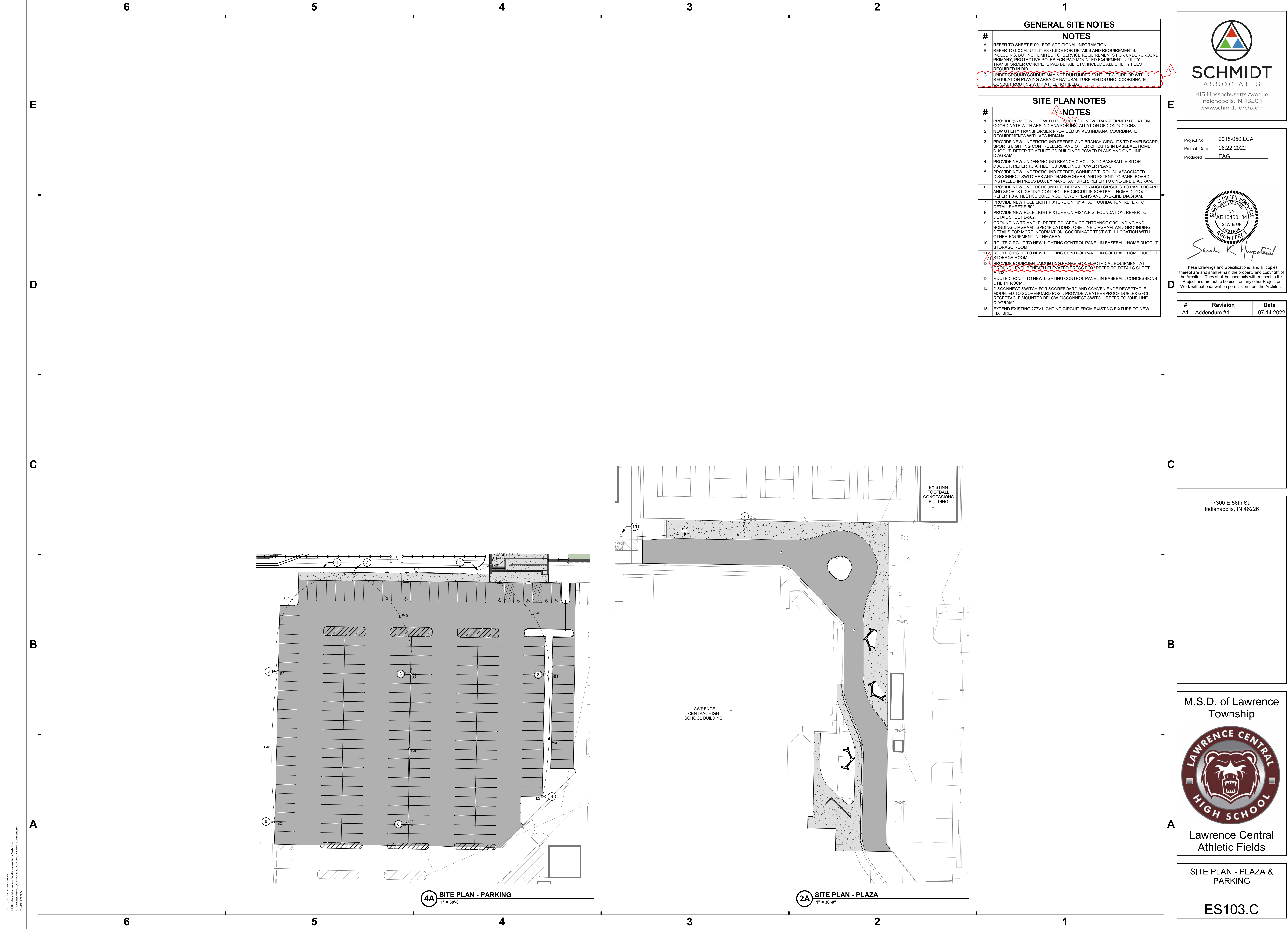


Lawrence Central Athletic Fields

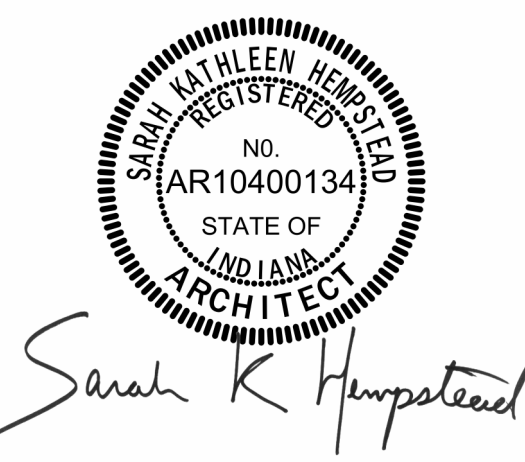
SITE PLAN - OVERALL

ES102.C

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



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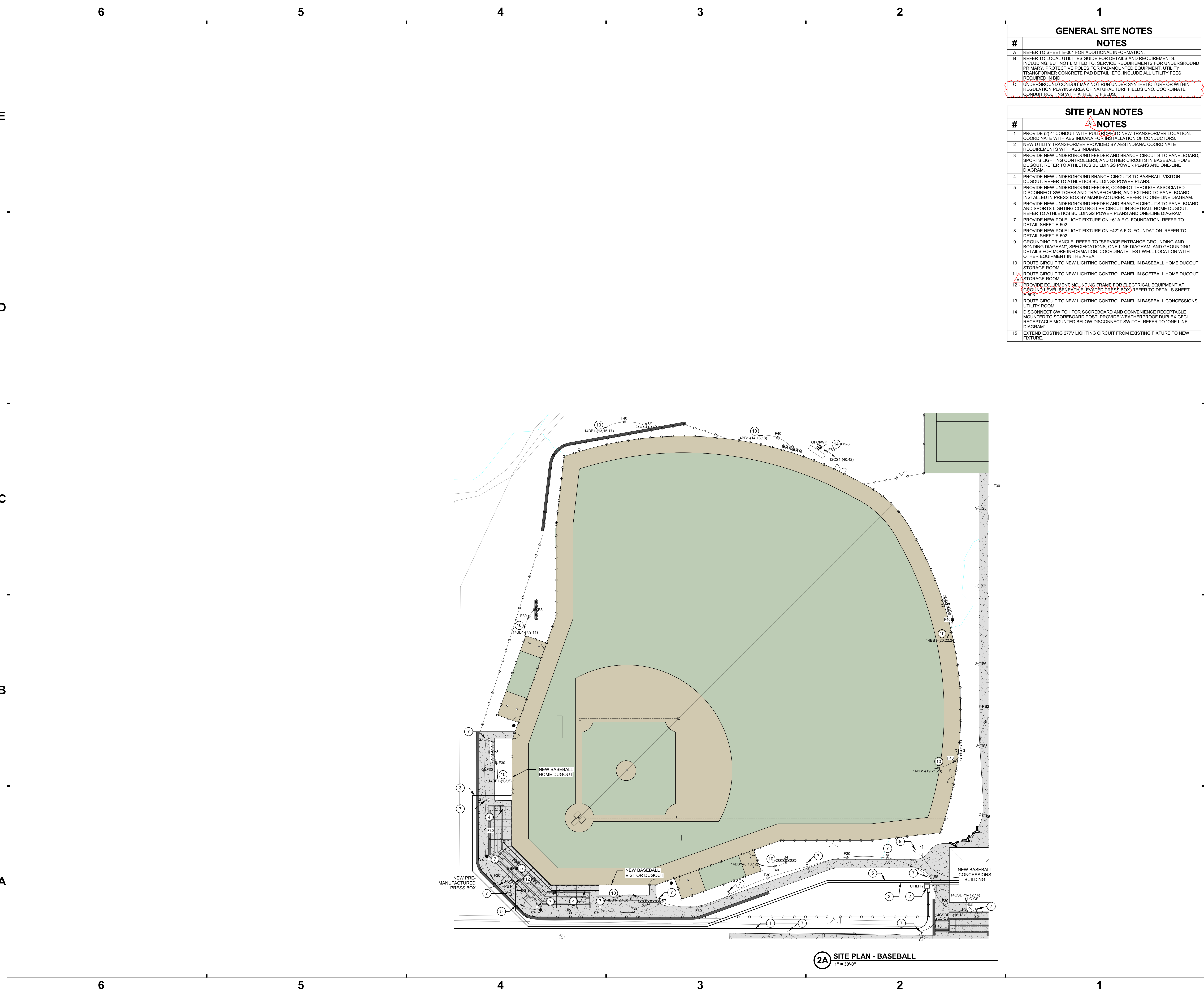
M.S.D. of Lawrence
 Township



Lawrence Central
 Athletic Fields

SITE PLAN - PLAZA &
 PARKING

ES103.C




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.
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SITE PLAN NOTES	
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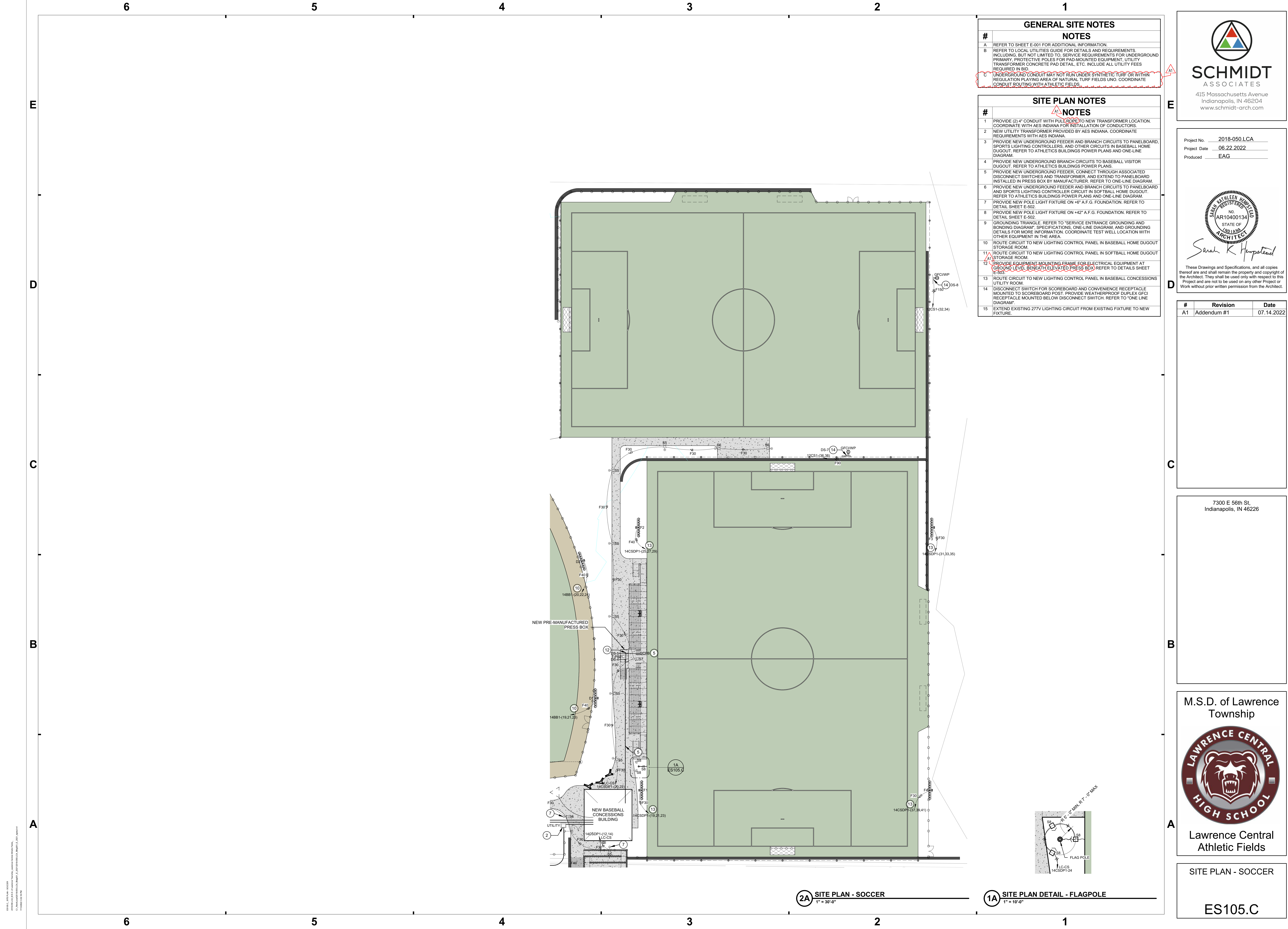
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Lawrence Central Athletic Fields

SITE PLAN - BASEBALL

ES104.C




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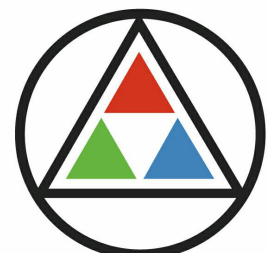
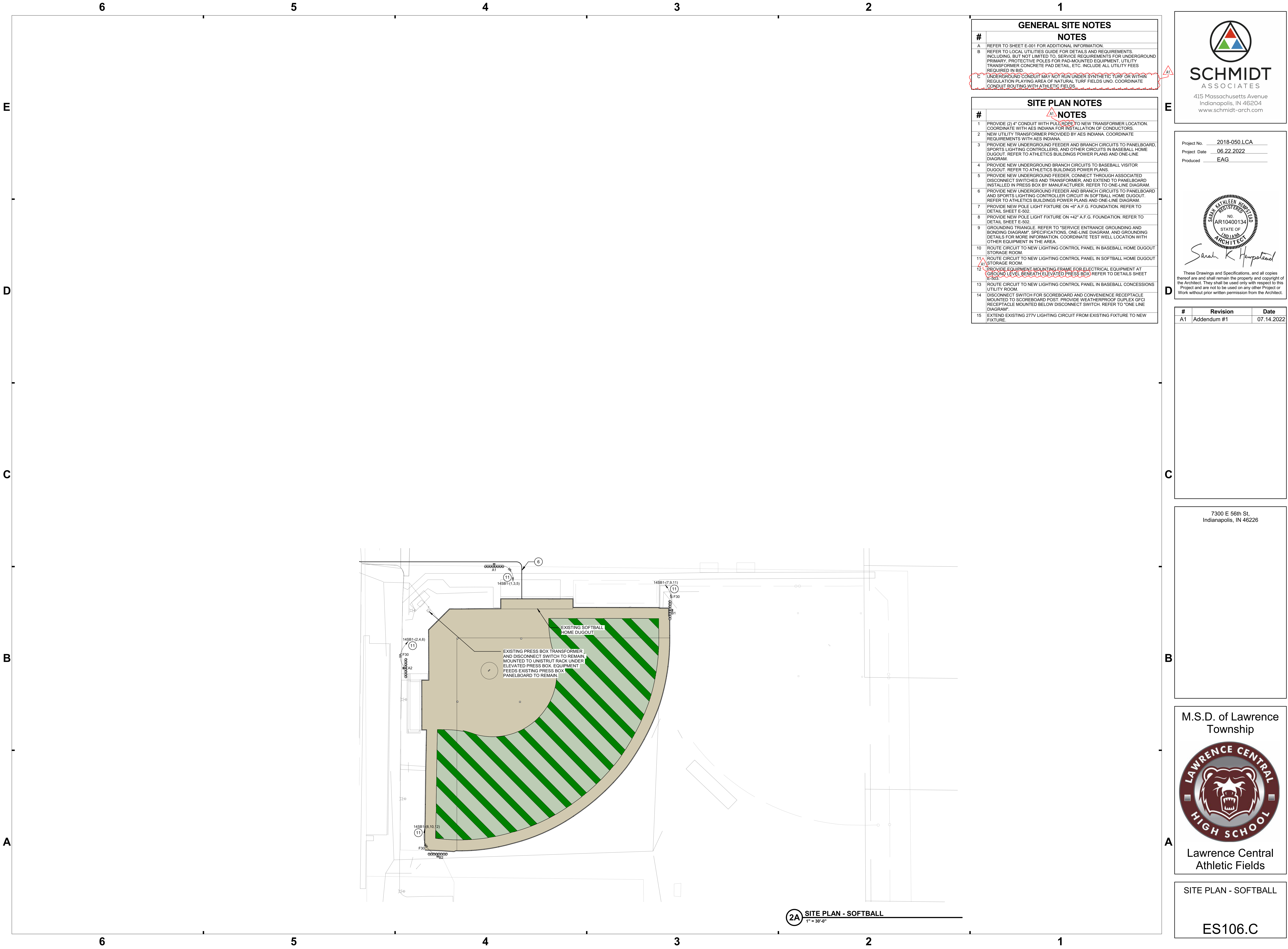


LAWRENCE CENTRAL HIGH SCHOOL

Lawrence Central Athletic Fields

SITE PLAN - SOCCER

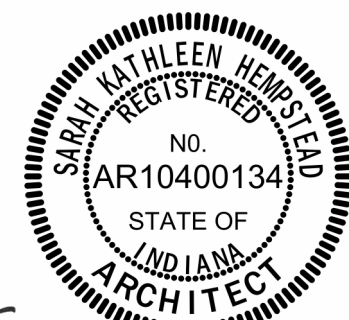
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Sarah K. Hempstead

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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

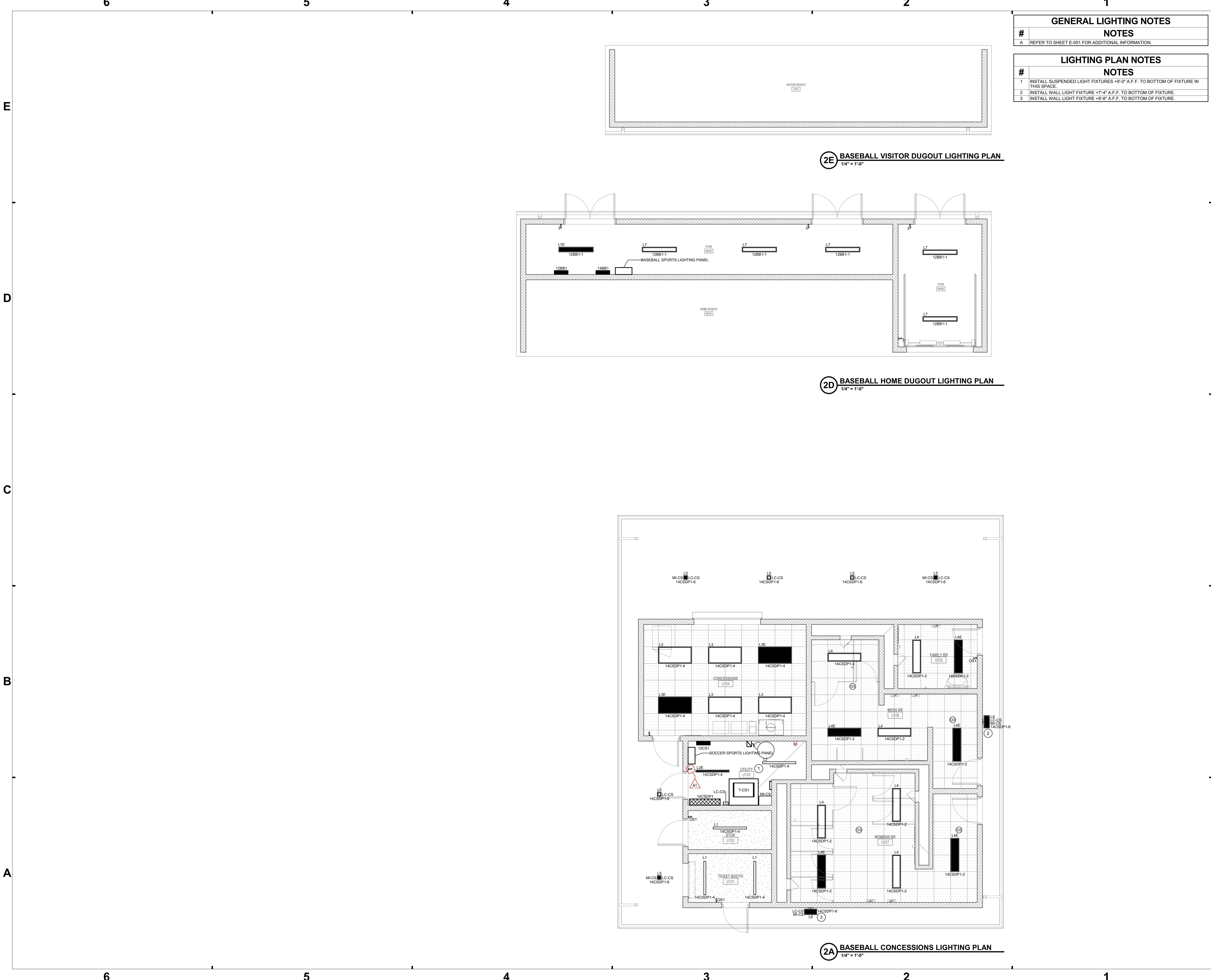


Lawrence Central
Athletic Fields

SITE PLAN - SOFTBALL

ES106.C

ALSTC - 4/14/2022 10:45:11 AM
2018-050.LCA - 06/22/2022 10:45:11 AM
2018-050.LCA - 06/22/2022 10:45:11 AM
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Project No. 2018-050.LCA
Project Date 06.22.2022
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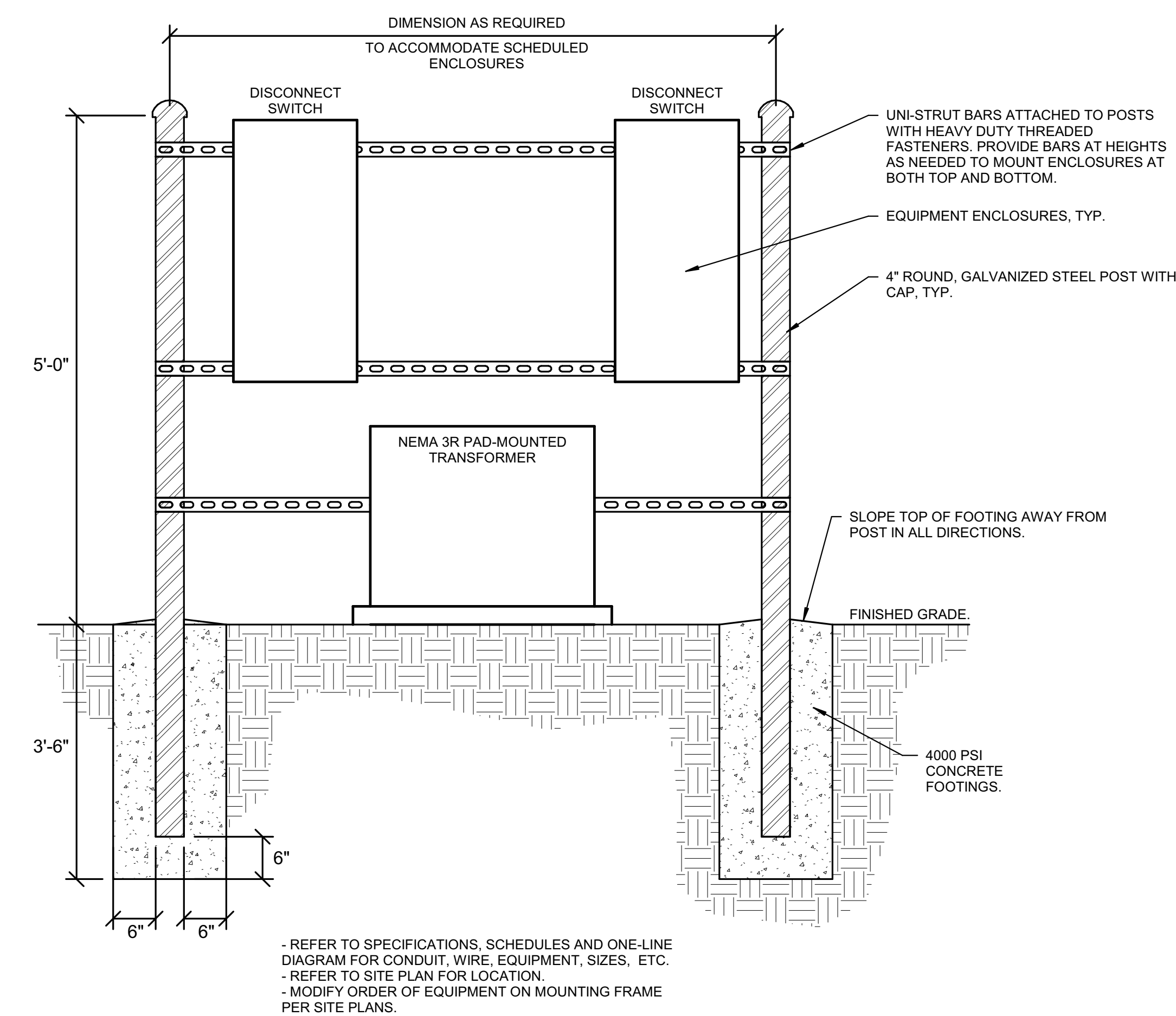
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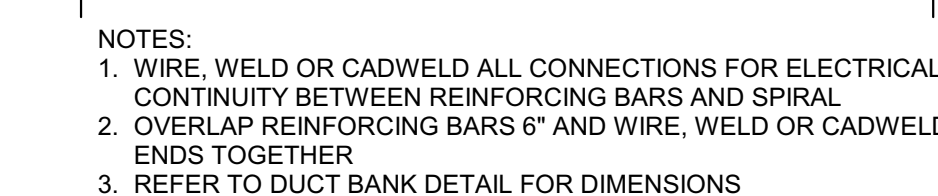
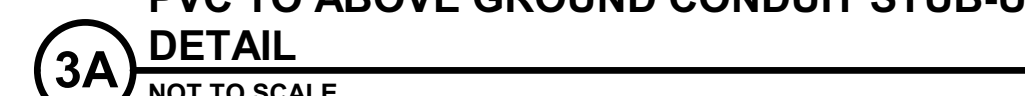


GENERAL DETAILS

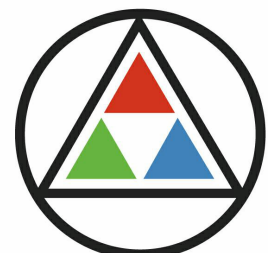
E-503.C



1C TYPICAL EXTERIOR EQUIPMENT MOUNTING FRAME DETAIL
NOT TO SCALE



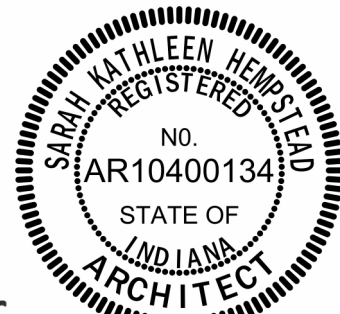
1A FOUR CELL DUCT BANK REINFORCING
DETAIL
NOT TO SCALE



SCHMIDT
ASSOCIATES

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

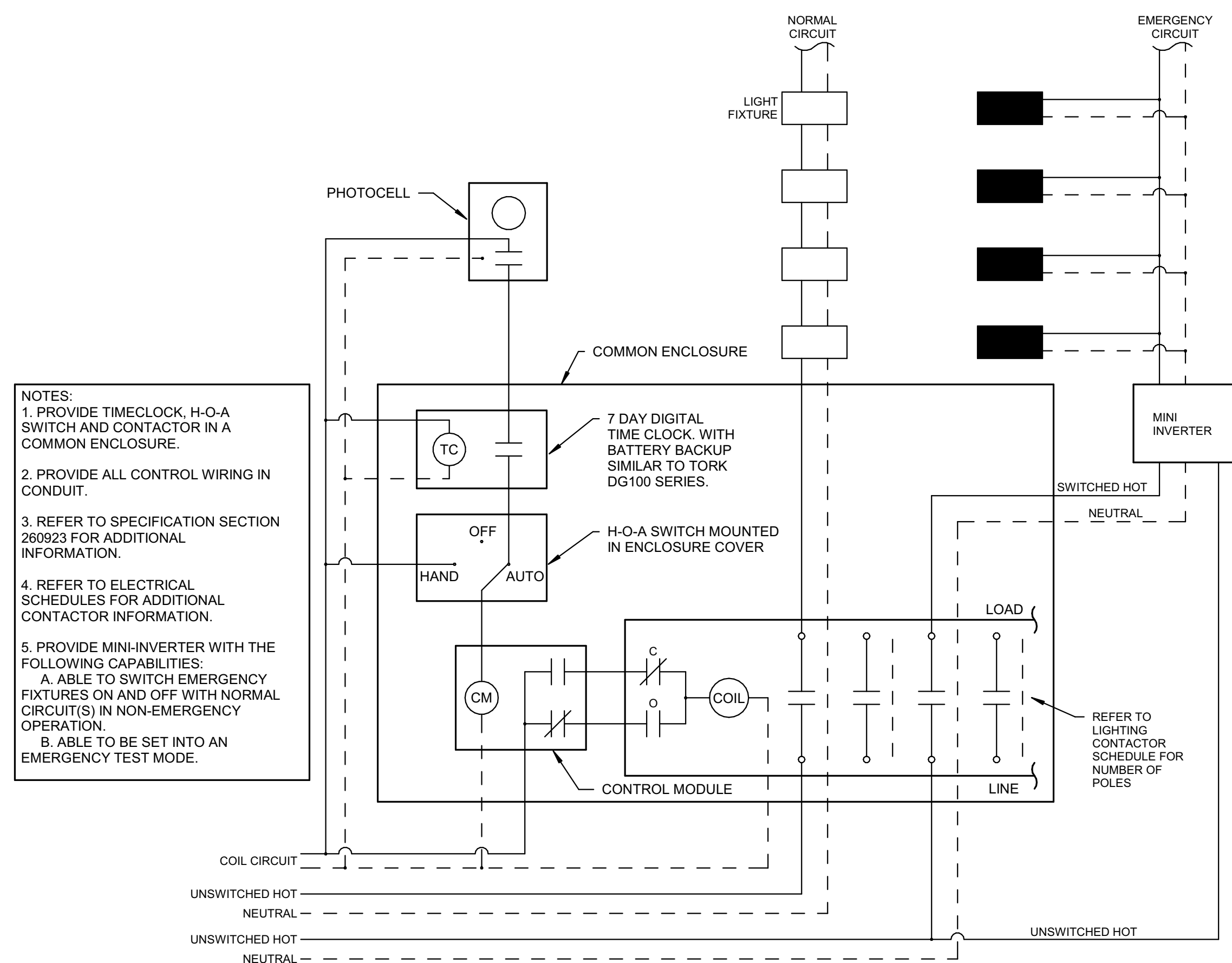
Project No. 2018-050.LCA
Project Date 06.22.2022
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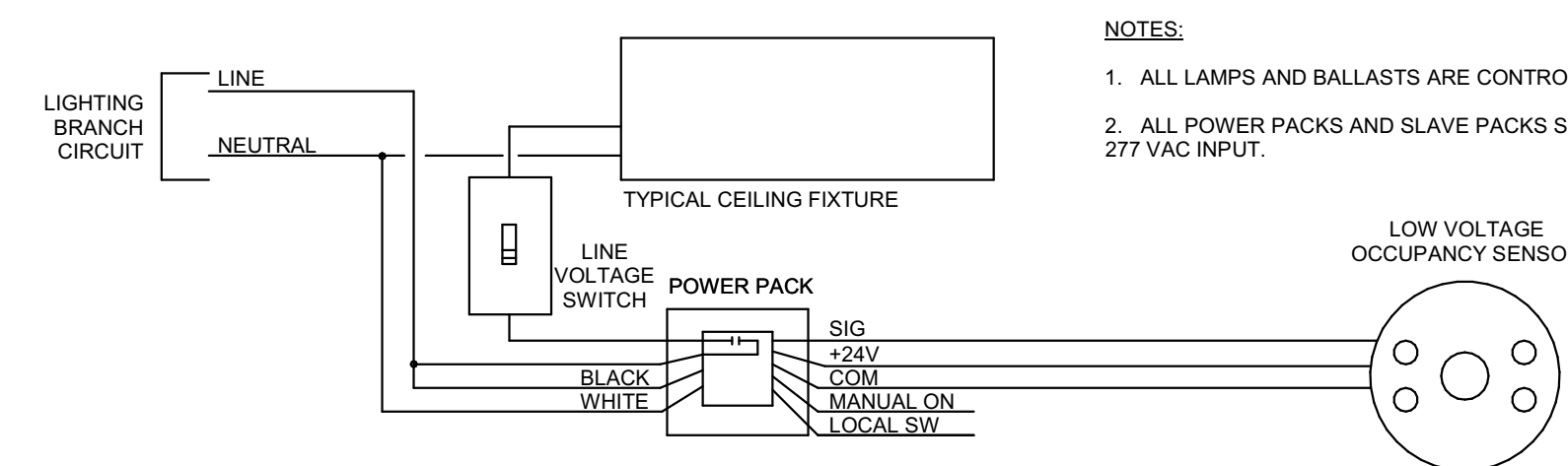
Sarah K. Hempstead

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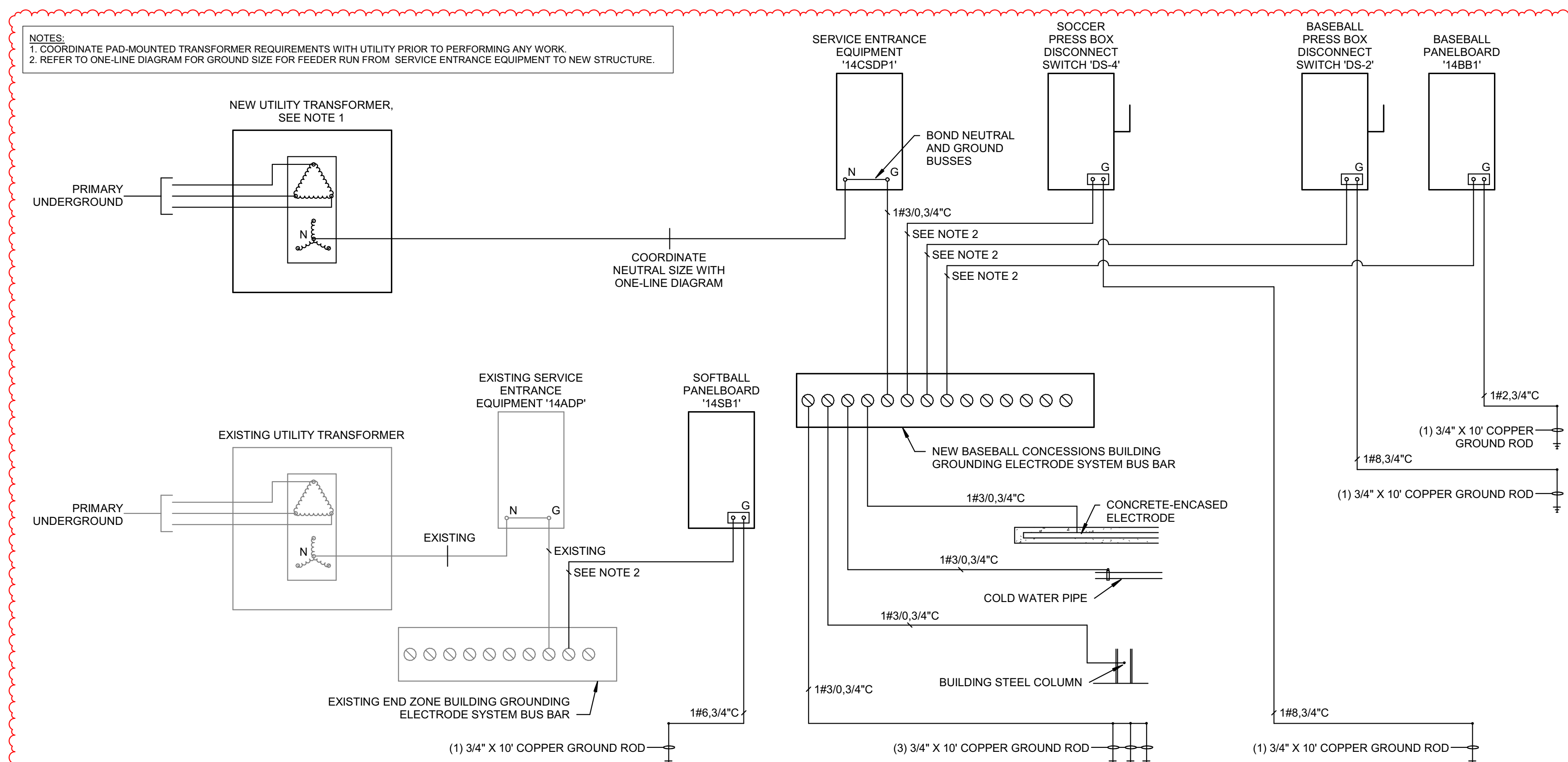
#	Revision	Date
A1	Addendum #1	07.14.2022



3C EXTERIOR LIGHTING CONTROL SYSTEM SCHEMATIC
NOT TO SCALE



1C OCCUPANCY SENSOR LIGHTING CONTROL SCHEMATIC
NOT TO SCALE



1A SERVICE ENTRANCE GROUNDING AND BONDING DIAGRAM
NOT TO SCALE

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Township



Lawrence Central
Athletic Fields

SCHEMATICS

E-602.C

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 12BB1				VOLTS: 208Y/120 V				MAINS RATING: 100 A							
LOCATION: STOR W103				PHASES: 3				MAINS TYPE: MCB							
MOUNTING: SURFACE				WIRES: 4				MCB RATING: 100 A							
SUPPLY FROM: T-BB1				AIC RATING: 10,000 A				MCB OPTIONS:							
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.		
	1	BASEBALL HOME DUGOUT	LIGHTING	20 A	1	0.23	0.18			1	20 A	RECEPT	BB VISITOR DUGOUT EXTERIOR	2	
	3	BB HOME DUGOUT STORAGE	RECEPT	20 A	1		0.36	0.18			1	20 A	RECEPT	BB VISITOR DUGOUT EXTERIOR	4
	5	BB HOME DUGOUT STORAGE	RECEPT	20 A	1			0.36	0.36	1	20 A	RECEPT	BASEBALL VISITOR DUGOUT	6	
	7	BASEBALL SPORTS LTG PANEL	PANEL	20 A	1	0.50	0.00			1	20 A	SPARE		8	
	9	BASEBALL HOME DUGOUT	RECEPT	20 A	1		0.36	0.00		1	20 A	SPARE		10	
	11	BB HOME DUGOUT STORAGE	RECEPT	20 A	1			0.18	0.00	1	20 A	SPARE		12	
	13	BB HOME DUGOUT EXTERIOR	RECEPT	20 A	1	0.18	0.00			1	20 A	SPARE		14	
	15	BB HOME DUGOUT EXTERIOR	RECEPT	20 A	1		0.18	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:						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						TOTAL DEMAND AMPS:		
PANELBOARD & CIRCUIT BREAKER OPTIONS ("O" COLUMN / MCB OPTIONS ABBREVIATIONS)						LOAD CLASSIFICATION		CONNECTED LOAD (VA)		DEMAND FACTOR		ESTIMATE DEMAND (VA)			
C CONTACTOR CONTROLLED						Receptacle - General		2340 VA		100.00%		2340 VA			
G GFCI PROTECTED						Lighting - Interior		228 VA		125.00%		285 VA			
P HANDLE LOCKING DEVICE						Power - Continuous		500 VA		100.00%		500 VA			
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:						1. PROVIDE SPD FOR THIS EQUIPMENT.									
A1															

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 14BB1					VOLTS: 480Y/277 V					MAINS RATING: 225 A					
LOCATION: STOR W103					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4										
SUPPLY FROM: 14CSDP1					AIC RATING: 18,000 A										
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O	
--	3	SPORTS LIGHTING - BASEBALL	POLE A3	20 A	3	2.49	2.49			3	20 A	POLE A4	SPORTS LIGHTING - BASEBALL	2	
--	3	--	--	--	--	--	--			--	--	--	--	4	
--	5	--	--	--	--	--	--	2.49	2.49	--	--	--	--	6	
--	7	SPORTS LIGHTING - BASEBALL	POLE B3	20 A	3	3.05	3.05			3	20 A	POLE B4	SPORTS LIGHTING - BASEBALL	8	
--	9	--	--	--	--	--	--			--	--	--	--	10	
--	11	--	--	--	--	--	--	3.05	3.05	--	--	--	--	12	
--	13	SPORTS LIGHTING - BASEBALL	POLE C1	20 A	3	1.75	1.75			3	20 A	POLE C2	SPORTS LIGHTING - BASEBALL	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			3	20 A	POLE D2	SPORTS LIGHTING - BASEBALL	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			3	20 A	SPARE	SPARE	26	
--	27	--	--	--	--	--	--	1.08	0.00	--	--	--	--	28	
--	29	--	--	--	--	--	--	0.90	0.00	--	--	--	--	30	
--	31	SPARE		20 A	3	0.00	0.00			1	20 A	SPARE	SPARE	32	
--	33	--	--	--	--	--	--	0.00	0.00	--	1	20 A	SPARE	34	
--	35	--	--	--	--	--	--	0.00	0.00	--	1	20 A	SPARE	36	
--	37	SPARE		--	1	--	--			--	--	SPARE	SPARE	38	
--	39	SPARE		--	1	--	--			1	--	SPARE	SPARE	40	
--	41	SPARE		--	1	--	--			1	--	SPARE	SPARE	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 CONNECTED AMPS: 69 A								85 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		2340 VA		100.00%		2340 VA			
G GFCI PROTECTED						Lighting - Interior		228 VA		125.00%		285 VA			
P HANDLE LOCKING DEVICE						Lighting - Exterior		54280 VA		125.00%		67825 VA			
S SHUNT TRIP						Power - Continuous		500 VA		100.00%		500 VA			
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															
AT1															

BRANCH PANELBOARD SCHEDULE															
DESIGNATION: 14SB1					VOLTS: 480Y/277 V					MAINS RATING: 100 A					
LOCATION: STOR W103					PHASES: 3					MAINS TYPE: MLO					
MOUNTING: SURFACE					WIRES: 4										
SUPPLY FROM: 14ADP					AIC RATING: 18,000 A										
O	CKT NO.	CIRCUIT ROOM #	CIRCUIT TYPE	TRIP	P	A	B	C	P	TRIP	CIRCUIT TYPE	CIRCUIT ROOM #	CKT NO.	O	
--	1	SPORTS LIGHTING - SOFTBALL	POLE A1	20 A	3	1.26	1.26		3	20 A	POLE A2	SPORTS LIGHTING - SOFTBALL	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		3	20 A	POLE B2	SPORTS LIGHTING - SOFTBALL	8	--	
--	9	--	--	--	--	--	2.43	2.43	--	--	--	--	10	--	
--	11	--	--	--	--	--	--	2.43	2.43	--	--	--	12	--	
--	13	SPARE	--	20 A	3	0.00	0.00		3	20 A	--	SPARE	14	--	
--	15	--	--	--	--	--	0.00	0.00	--	--	--	--	16	--	
--	17	--	--	--	--	--	--	0.00	0.00	--	--	--	18	--	
--	19	SPARE	--	20 A	1	0.00	0.00		3	20 A	--	SPARE	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		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:						7.39 kVA	7.39 kVA	7.39 kVA	27.71 kVA						
TOTAL AMPS:						27 A	27 A	27 A	33 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 / AIC OPTIONS ABBREVIATIONS)				LOAD CLASSIFICATION		CONNECTED LOAD (VA)			DEMAND FACTOR		ESTIMATE DEMAND (VA)				
				Lighting - Exterior		22170 VA			125.00%		27713 VA				
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 LSIg]														
[FEED THROUGH LUGS (FTL)]															
[SUB FEED LUGS (SFL)]															
NOTES: PROVIDE SPD FOR THIS EQUIPMENT															
A1															