

Southeast Polk Community School District

Southeast Polk High School Baseball & Softball Renovations

8379 NE University Ave.
 Pleasant Hill, IA 50327

CONSTRUCTION DOCUMENTS

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PROJECT NUMBER: **3007.379.00**
 DATE: **SEPTEMBER 11, 2025**
 DRAWING INDEX:

GENERAL

G01.01 COVER SHEET

LANDSCAPE ARCHITECTURE

L01.01 SITE PREPARATION PLAN
 L02.01 SITE LAYOUT PLAN
 L02.02 SITE LAYOUT PLAN ENLARGEMENT
 L04.01 SITE PLANTING PLAN
 L05.01 SITE DETAILS
 L05.02 SITE DETAILS
 L05.03 SITE DETAILS

ELECTRICAL

E000 SYMBOLS LIST
 E0101 ELECTRICAL DEMOLITION PLAN
 E101 ELECTRICAL SITE PLAN
 E501 ELECTRICAL DETAILS AND SCHEDULES



VICINITY MAP
 SCALE: 1" = 500'-0"

LANDSCAPE ARCHITECTURE

I hereby verify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed professional landscape architect under the laws of the State of Iowa.

Date of Issue: 09/09/2025
 License Expires: 09/09/2028

Jason Blome 09/11/2025 Date
 A License #00575

Pages or Sheets covered by this seal:
 AS LISTED ABOVE

CIVIL

I hereby verify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.

License renewal date: 12/31/2025

Greg Pierce 09/11/2025 Date
 A License #16321

Pages or Sheets covered by this seal:
 As listed under Site Grading Plan.

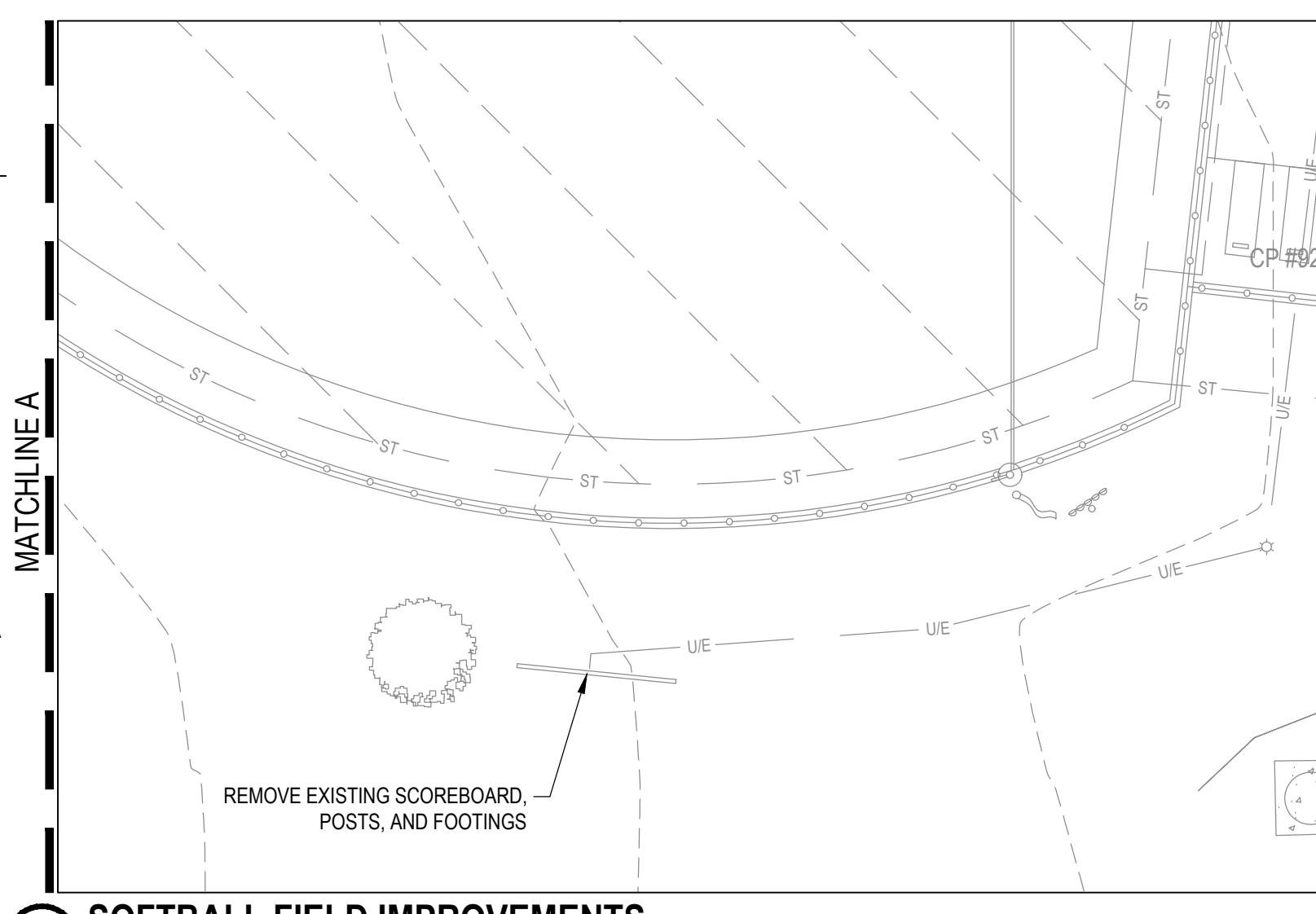
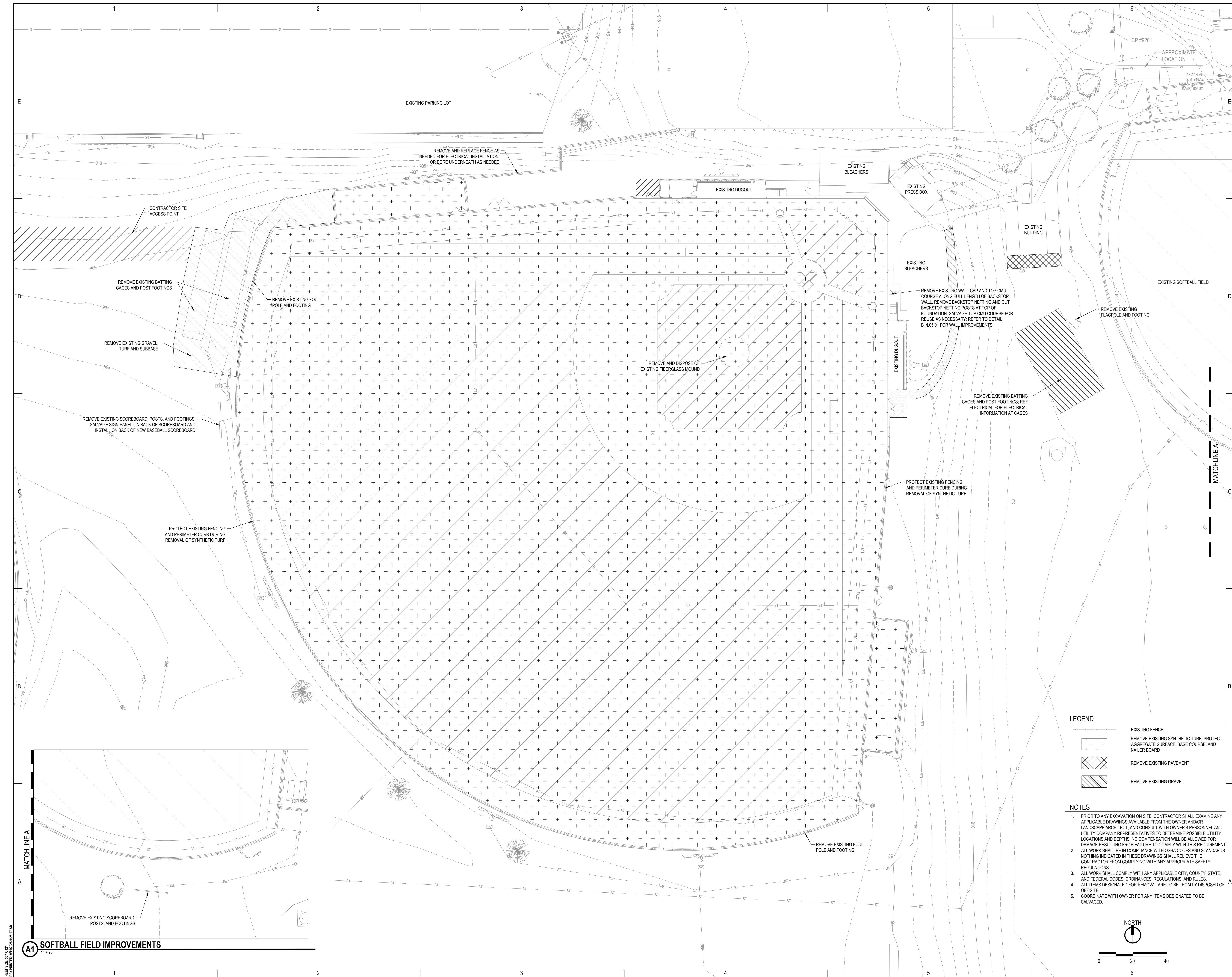
ELECTRICAL

I hereby verify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the State of Iowa.

License renewal date: 09/11/2028

Joshua L. Nielsen 09/11/2025 Date
 A License #19516

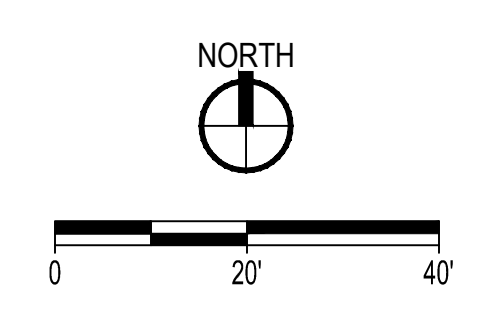
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LEGEND

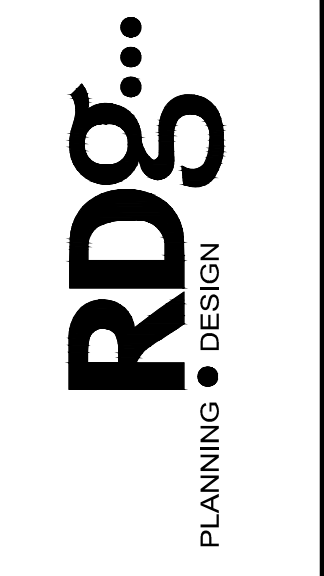
	EXISTING FENCE
	REMOVE EXISTING SYNTHETIC TURF; PROTECT AGGREGATE SURFACE, BASE COURSE, AND NAILER BOARD
	REMOVE EXISTING PAVEMENT
	REMOVE EXISTING GRAVEL

- NOTES**
- PRIOR TO ANY EXCAVATION ON SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER AND/OR LANDSCAPE ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES TO DETERMINE POSSIBLE UTILITY LOCATIONS AND DEPTHS. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE RESULTING FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - ALL WORK SHALL BE IN COMPLIANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED IN THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
 - ALL WORK SHALL COMPLY WITH ANY APPLICABLE CITY, COUNTY, STATE, AND FEDERAL CODES, ORDINANCES, REGULATIONS, AND RULES.
 - ALL ITEMS DESIGNATED FOR REMOVAL ARE TO BE LEGALLY DISPOSED OF OFF-SITE.
 - COORDINATE WITH OWNER FOR ANY ITEMS DESIGNATED TO BE SALVAGED.



SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS

CONSTRUCTION DOCUMENTS



LANDSCAPE ARCHITECT
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 Pleasant Hill, Iowa 50327

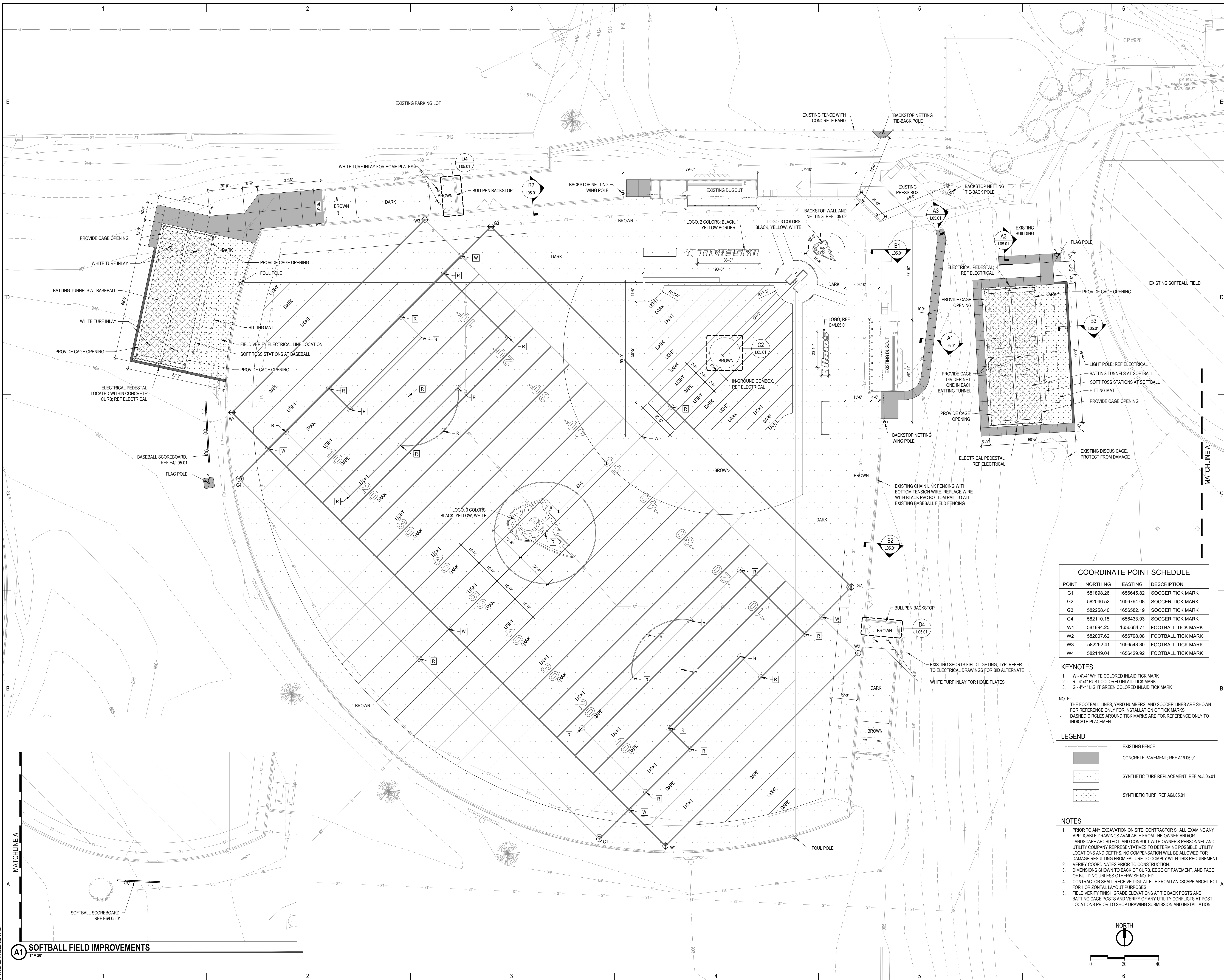
KEY PLAN

DATE	3/27/20
PROJECT NO.	307.279.00
PREPARED BY: RDG Planning & Design CHECKED BY: RDG Planning & Design DRAWN BY: RDG Planning & Design PROJECT: SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS SHEET: A1 SOFTBALL FIELD IMPROVEMENTS THIS DRAWING IS NOT REPRESENTATIVE OF ANY OTHER PROJECTS OR IN OTHER AREAS WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF RDG.	

SITE PREPARATION PLAN

L01.01

SHEET NO. 01 OF 04
 PLOT PRINTED: 01/10/2023 12:07 AM



COORDINATE POINT SCHEDULE

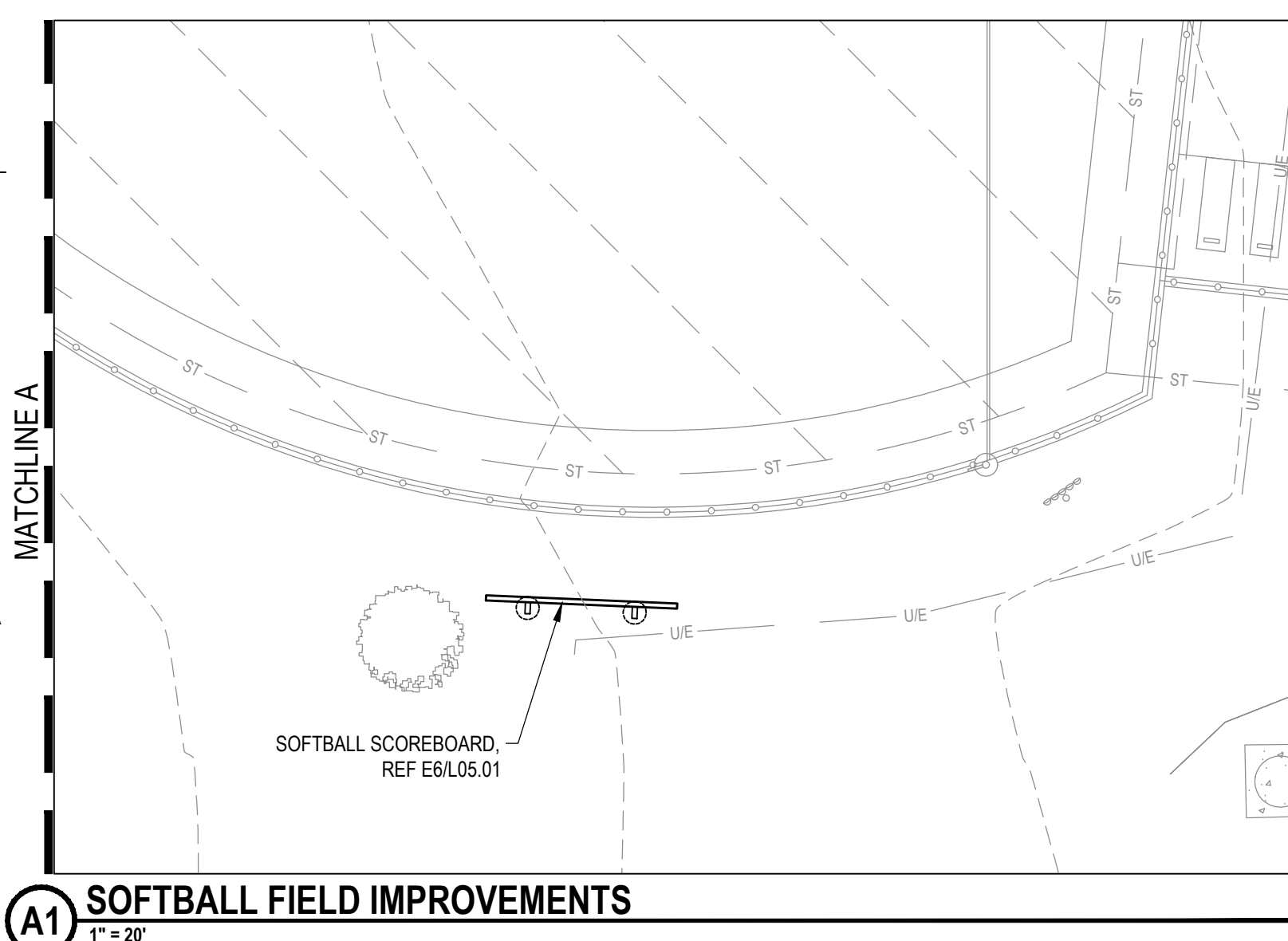
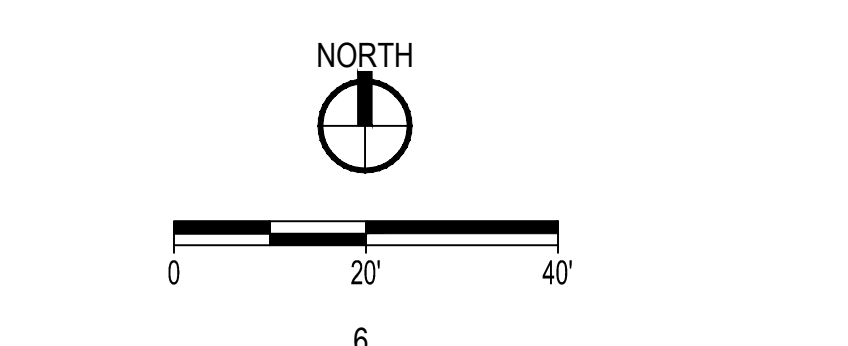
POINT	NORTHING	EASTING	DESCRIPTION
G1	581898.26	1656645.82	SOCCER TICK MARK
G2	582046.52	1656794.08	SOCCER TICK MARK
G3	582258.40	1656582.19	SOCCER TICK MARK
G4	582110.15	1656433.93	SOCCER TICK MARK
W1	581894.25	1656684.71	FOOTBALL TICK MARK
W2	582007.62	1656798.08	FOOTBALL TICK MARK
W3	582262.41	1656543.30	FOOTBALL TICK MARK
W4	582149.04	1656429.92	FOOTBALL TICK MARK

- KEYNOTES**
- 1 - W - 4"x4" WHITE COLORED INLAID TICK MARK
 - 2 - R - 4"x4" RUST COLORED INLAID TICK MARK
 - 3 - G - 4"x4" LIGHT GREEN COLORED INLAID TICK MARK
- NOTE:**
- THE FOOTBALL LINES, YARD NUMBERS, AND SOCCER LINES ARE SHOWN FOR REFERENCE ONLY FOR INSTALLATION OF TICK MARKS.
 - DASHED CIRCLES AROUND TICK MARKS ARE FOR REFERENCE ONLY TO INDICATE PLACEMENT.

LEGEND

	EXISTING FENCE
	CONCRETE PAVEMENT; REF A1/L05.01
	SYNTHETIC TURF REPLACEMENT; REF A5/L05.01
	SYNTHETIC TURF; REF A6/L05.01

- NOTES**
1. PRIOR TO ANY EXCAVATION ON SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER AND/OR LANDSCAPE ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES TO DETERMINE POSSIBLE UTILITY LOCATIONS AND DEPTHS. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE RESULTING FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
 2. VERIFY COORDINATES PRIOR TO CONSTRUCTION.
 3. DIMENSIONS SHOWN TO BACK OF CURB, EDGE OF PAVEMENT, AND FACE OF BUILDING UNLESS OTHERWISE NOTED.
 4. CONTRACTOR SHALL RECEIVE DIGITAL FILE FROM LANDSCAPE ARCHITECT FOR HORIZONTAL LAYOUT PURPOSES.
 5. FIELD VERIFY FINISH GRADE ELEVATIONS AT THE BACK POSTS AND BATTING CAGE POSTS AND VERIFY OF ANY UTILITY CONFLICTS AT POST LOCATIONS PRIOR TO SHOP DRAWING SUBMISSION AND INSTALLATION.



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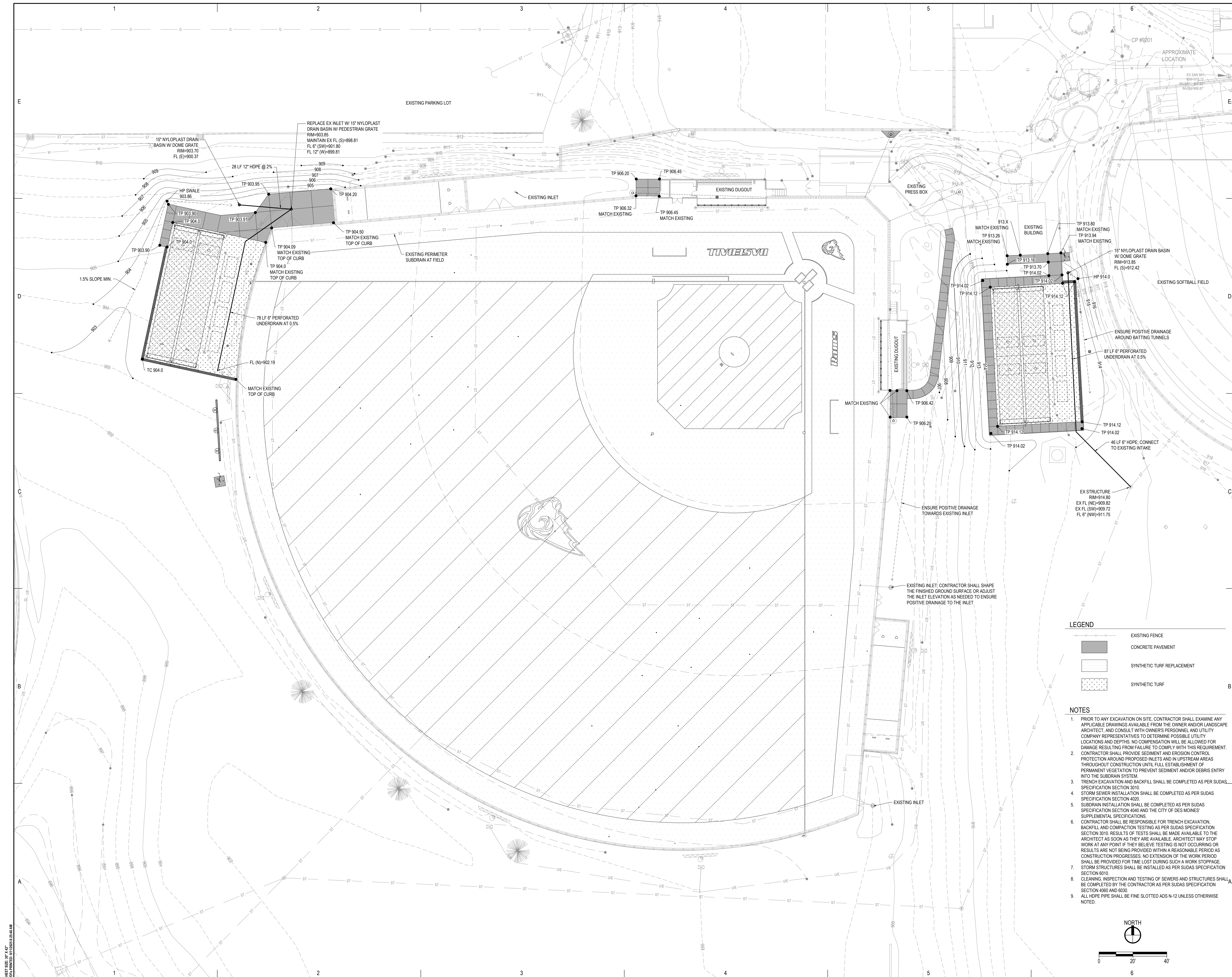
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KEY PLAN
 8379 NE University Avenue
 Pleasant Hill, Iowa 50327
 Southeast Polk Community School District

SITE LAYOUT PLAN
 L02.01

REVISION	DATE
3007.279.00	



CONSTRUCTION DOCUMENTS

SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS

RDG
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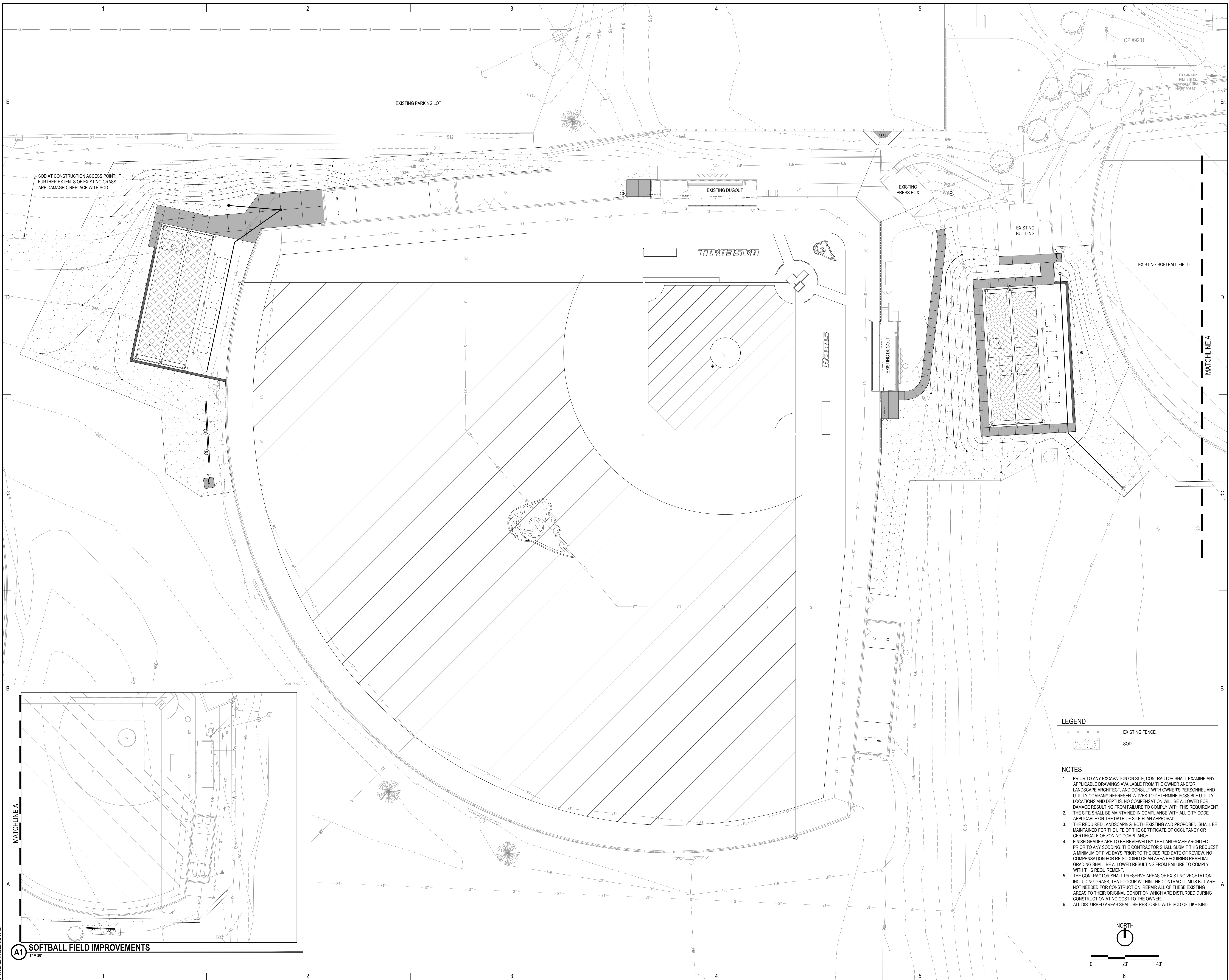
Southeast Polk Community School District

KEY PLAN

DATE	3/27/2020
PROJECT NO.	3007.279.00
ISSUED FOR:	RDG Planning & Design
PREPARED BY:	RDG Planning & Design
CHECKED BY:	RDG Planning & Design
DATE:	3/27/2020
PROJECT NO.:	3007.279.00
ISSUED FOR:	RDG Planning & Design
PREPARED BY:	RDG Planning & Design
CHECKED BY:	RDG Planning & Design
DATE:	3/27/2020
PROJECT NO.:	3007.279.00

SITE GRADING PLAN

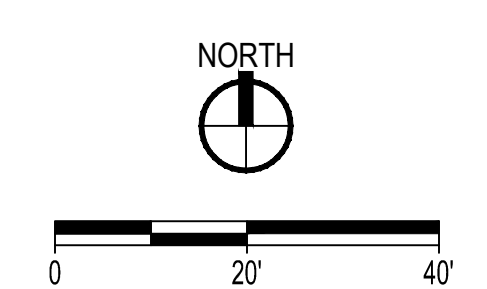
L03.01



LEGEND

	EXISTING FENCE
	SOD

- NOTES**
1. PRIOR TO ANY EXCAVATION ON SITE, CONTRACTOR SHALL EXAMINE ANY APPLICABLE DRAWINGS AVAILABLE FROM THE OWNER AND/OR LANDSCAPE ARCHITECT, AND CONSULT WITH OWNER'S PERSONNEL AND UTILITY COMPANY REPRESENTATIVES TO DETERMINE POSSIBLE UTILITY LOCATIONS AND DEPTHS. NO COMPENSATION WILL BE ALLOWED FOR DAMAGE RESULTING FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
 2. THE SITE SHALL BE MAINTAINED IN COMPLIANCE WITH ALL CITY CODE APPLICABLE ON THE DATE OF SITE PLAN APPROVAL.
 3. THE REQUIRED LANDSCAPING, BOTH EXISTING AND PROPOSED, SHALL BE MAINTAINED FOR THE LIFE OF THE CERTIFICATE OF OCCUPANCY OR CERTIFICATE OF ZONING COMPLIANCE.
 4. FINISH GRADES ARE TO BE REVIEWED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY SODDING. THE CONTRACTOR SHALL SUBMIT THIS REQUEST A MINIMUM OF FIVE DAYS PRIOR TO THE DESIRED DATE OF REVIEW. NO COMPENSATION FOR RE-SODDING OF AN AREA REQUIRING REMEDIAL GRADING SHALL BE ALLOWED RESULTING FROM FAILURE TO COMPLY WITH THIS REQUIREMENT.
 5. THE CONTRACTOR SHALL PRESERVE AREAS OF EXISTING VEGETATION, INCLUDING GRASS, THAT OCCUR WITHIN THE CONTRACT LIMITS BUT ARE NOT NEEDED FOR CONSTRUCTION. REPAIR ALL OF THESE EXISTING AREAS TO THEIR ORIGINAL CONDITION WHICH ARE DISTURBED DURING CONSTRUCTION AT NO COST TO THE OWNER.
 6. ALL DISTURBED AREAS SHALL BE RESTORED WITH SOD OF LIKE KIND.



A1 SOFTBALL FIELD IMPROVEMENTS
1" = 30'

CONSTRUCTION DOCUMENTS

SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS

KEY PLAN

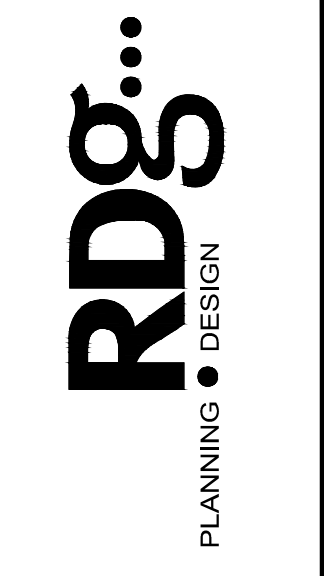
<p>LANDSCAPE ARCHITECT RDG Planning & Design 1000 S. University Avenue, Suite 200 Des Moines, Iowa 50309 Phone: (515) 283-3141</p> <p>CIVIL RDG Planning & Design 1000 S. University Avenue, Suite 200 Des Moines, Iowa 50309 Phone: (515) 283-3141</p>	<p>ELECTRICAL MCKISS 1000 S. University Avenue, Suite 200 Des Moines, Iowa 50309 Phone: (515) 251-2286</p>
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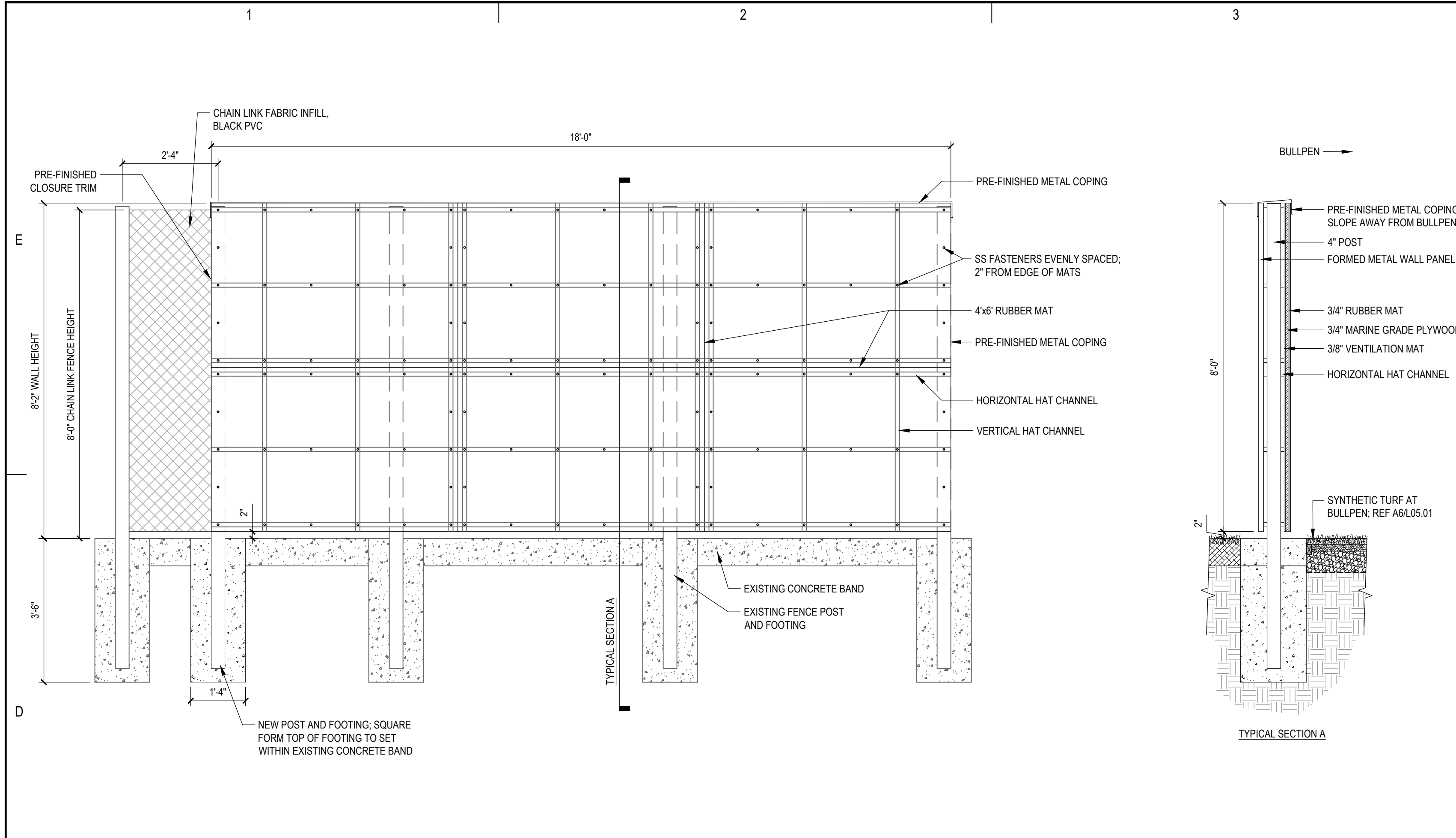
8379 NE University Avenue
Pleasant Hill, Iowa 50327

Southeast Polk Community School District

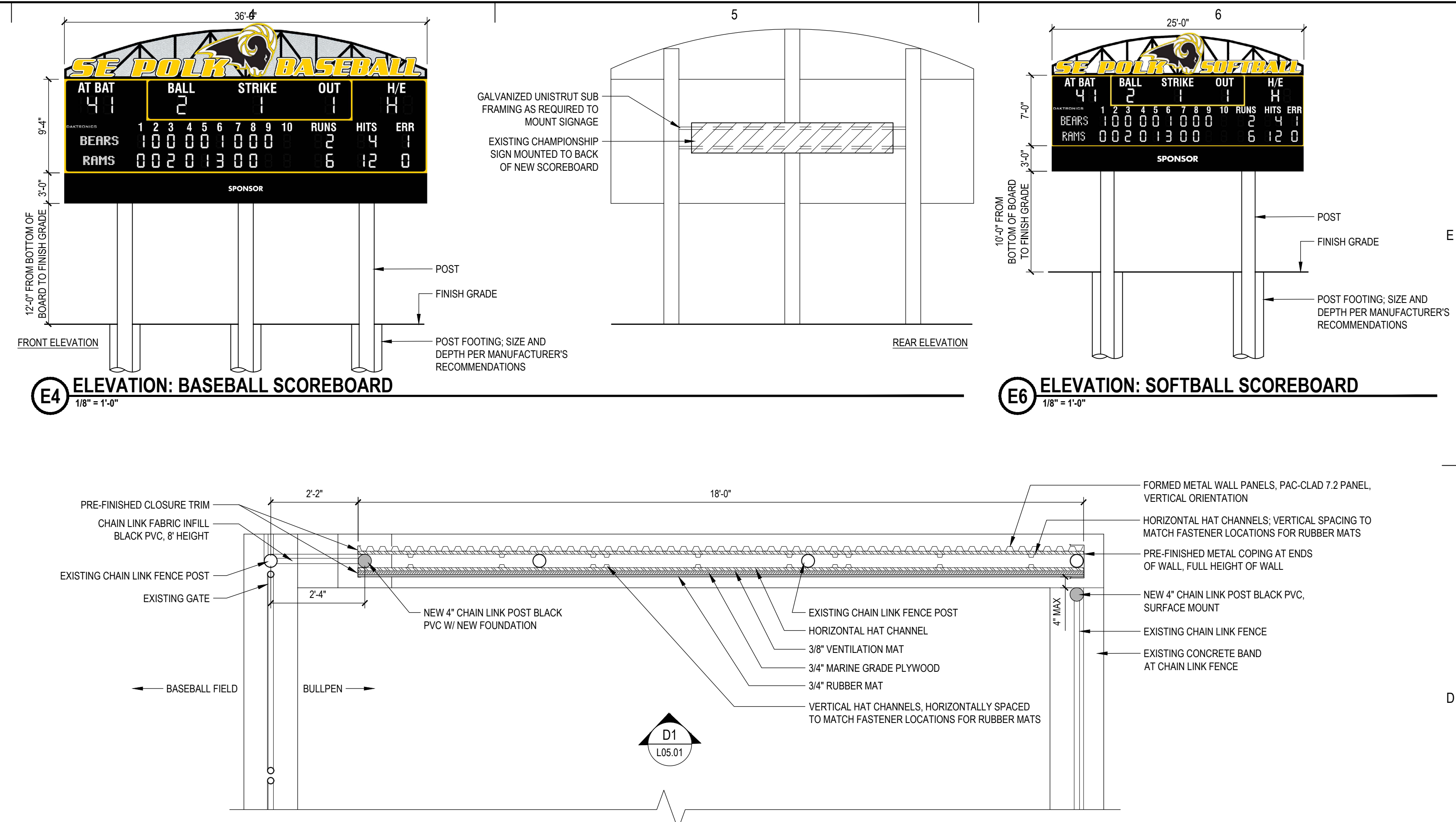
SITE PLANTING PLAN

L04.01





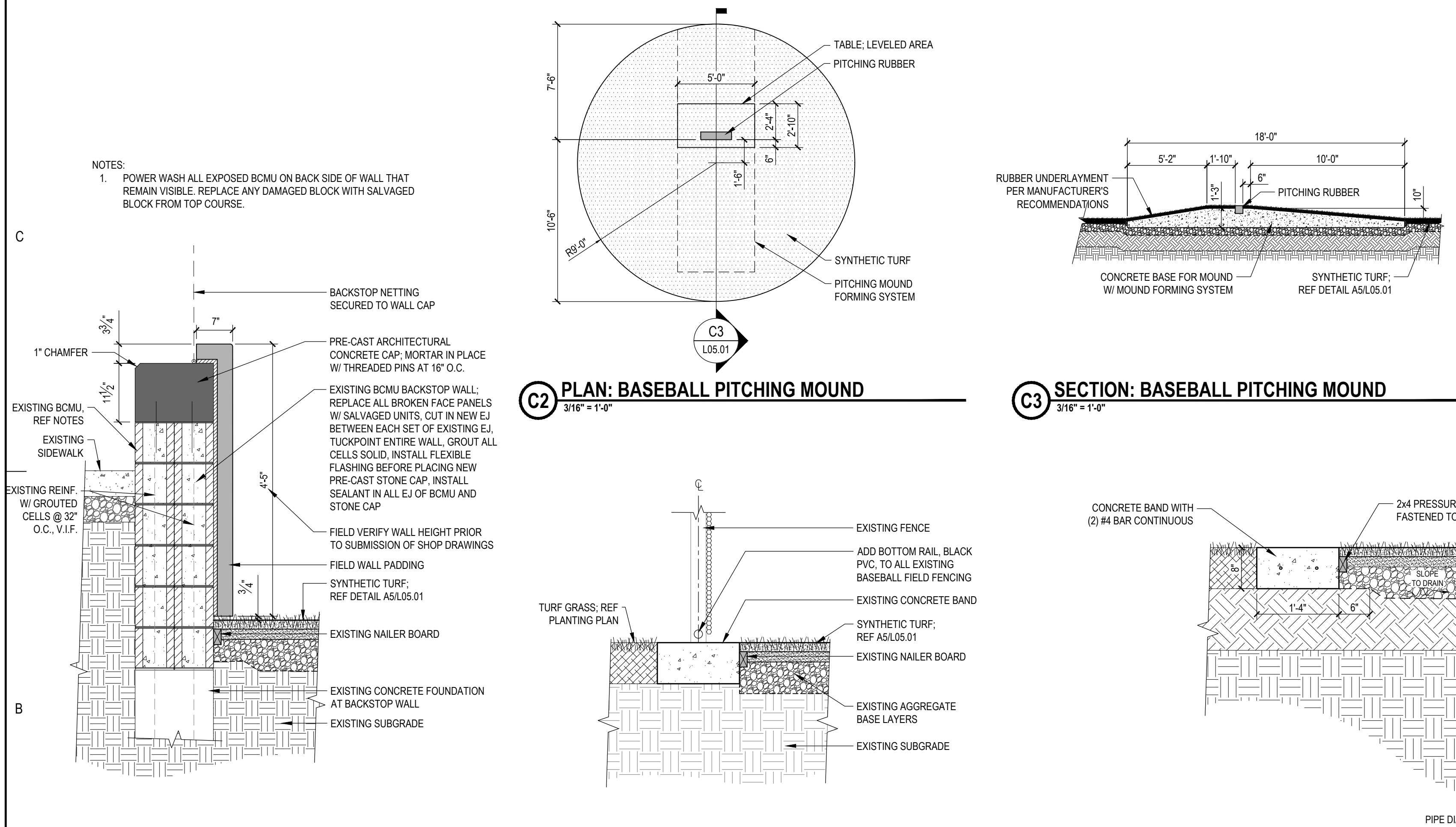
D1 TYP ELEVATION: BULLPEN BACKSTOP WALL
1/2" = 1'-0"



E4 ELEVATION: BASEBALL SCOREBOARD
1/8" = 1'-0"

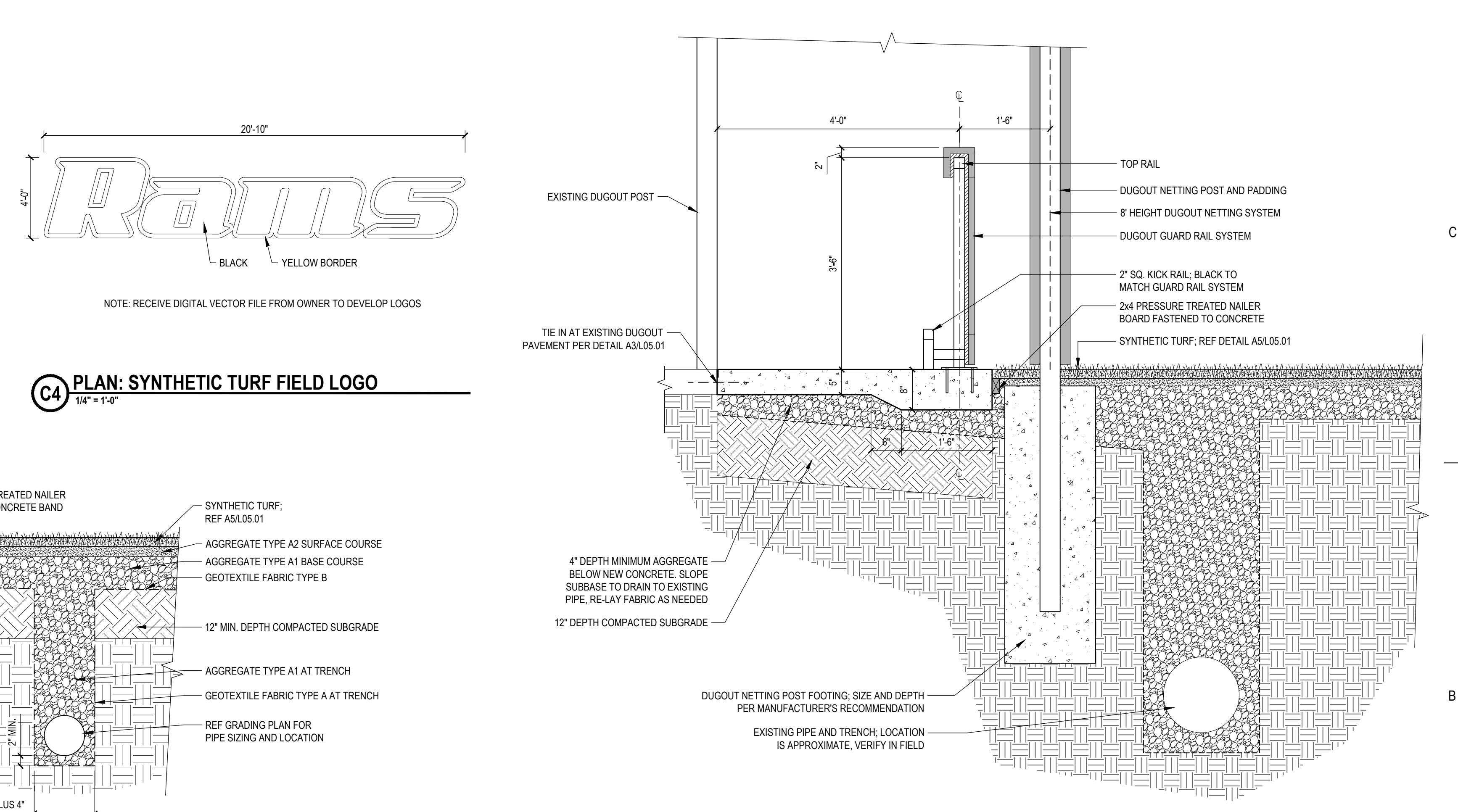
E6 ELEVATION: SOFTBALL SCOREBOARD
1/8" = 1'-0"

D4 TYP PLAN: BULLPEN BACKSTOP WALL
1/2" = 1'-0"



C2 PLAN: BASEBALL PITCHING MOUND
3/16" = 1'-0"

C3 SECTION: BASEBALL PITCHING MOUND
3/16" = 1'-0"



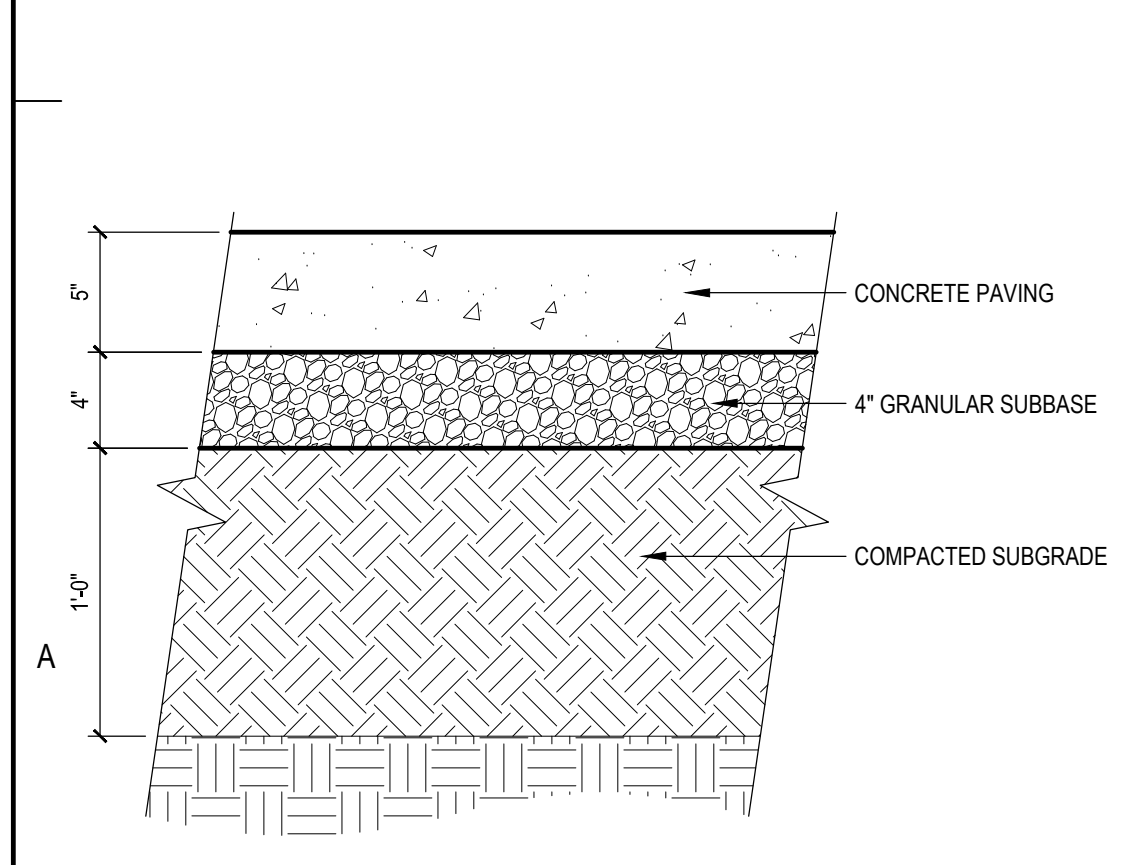
C4 PLAN: SYNTHETIC TURF FIELD LOGO
1/4" = 1'-0"

B5 TYP SECTION: DUGOUT GUARD RAIL SYSTEM
3/4" = 1'-0"

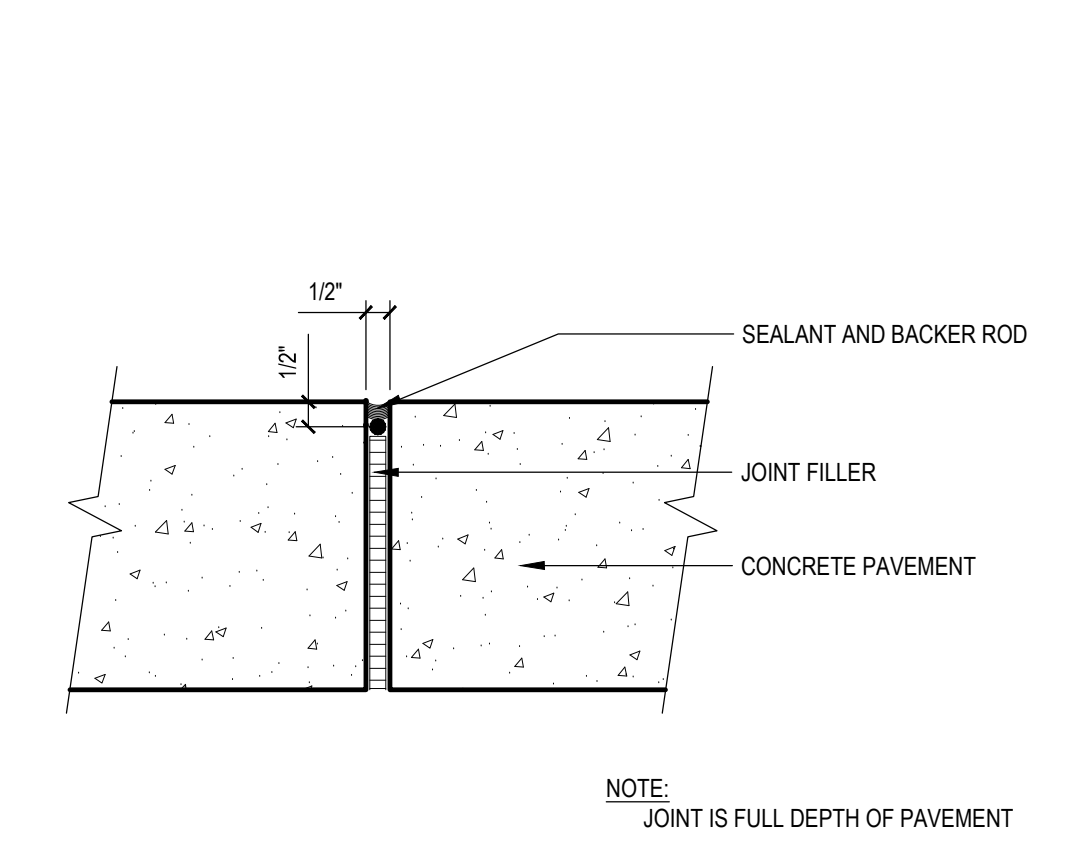
B1 TYP SECT: PADDING AT EXISTING BACKSTOP WALL
3/4" = 1'-0"

B2 TYP SECT: SYNTHETIC TURF AT EXISTING FENCE
3/4" = 1'-0"

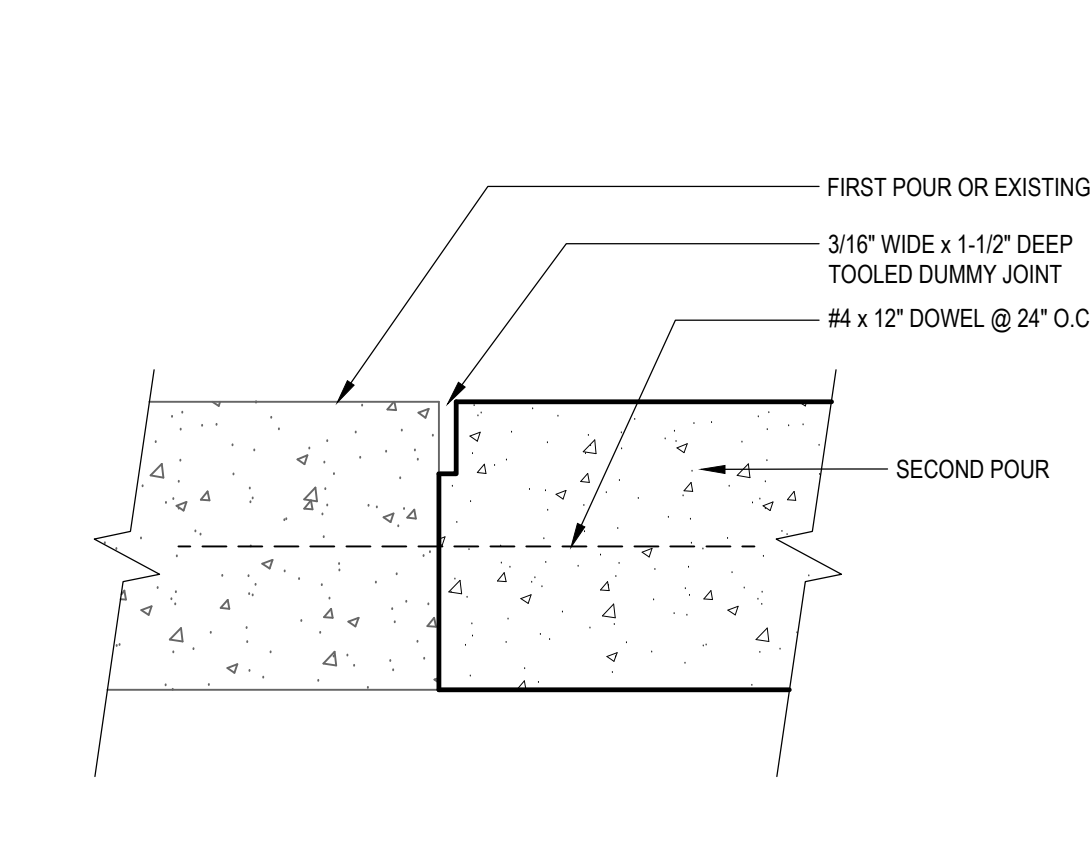
B3 TYP SECTION: SYNTHETIC TURF AT BATTING TUNNEL
3/4" = 1'-0"



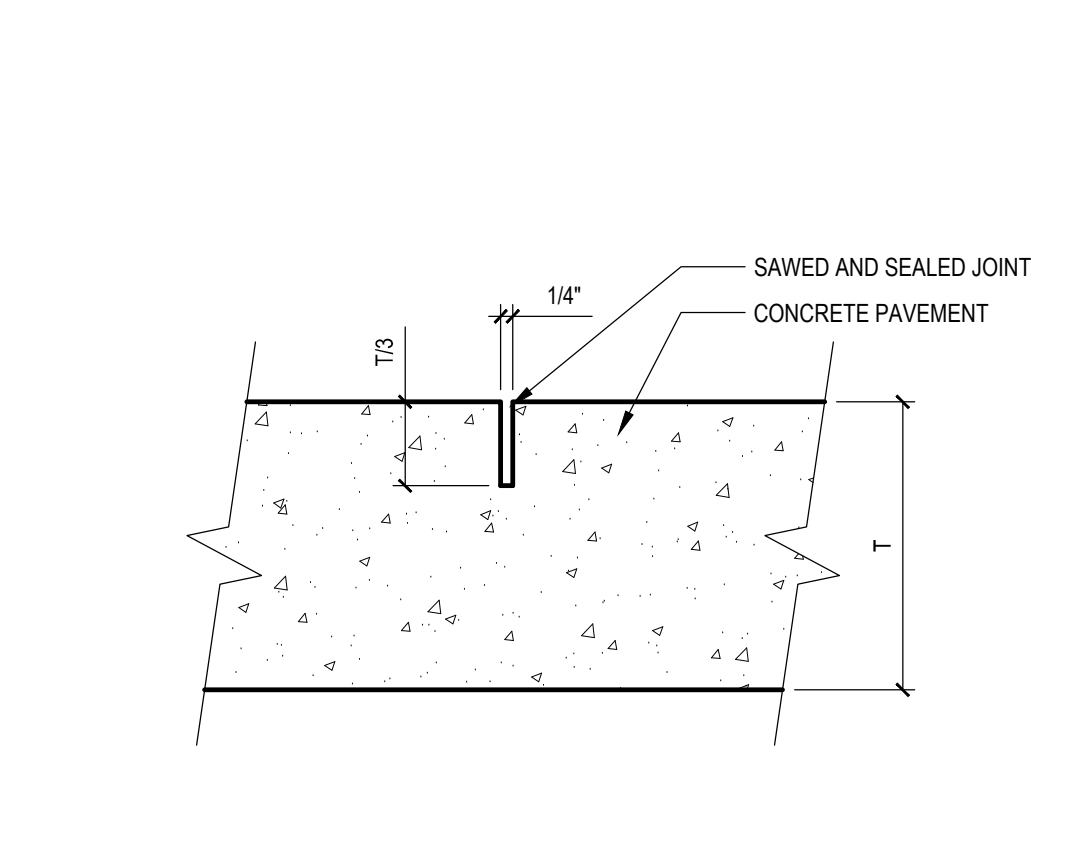
A1 TYP SECTION: CONCRETE SIDEWALK
1/12" = 1'-0"



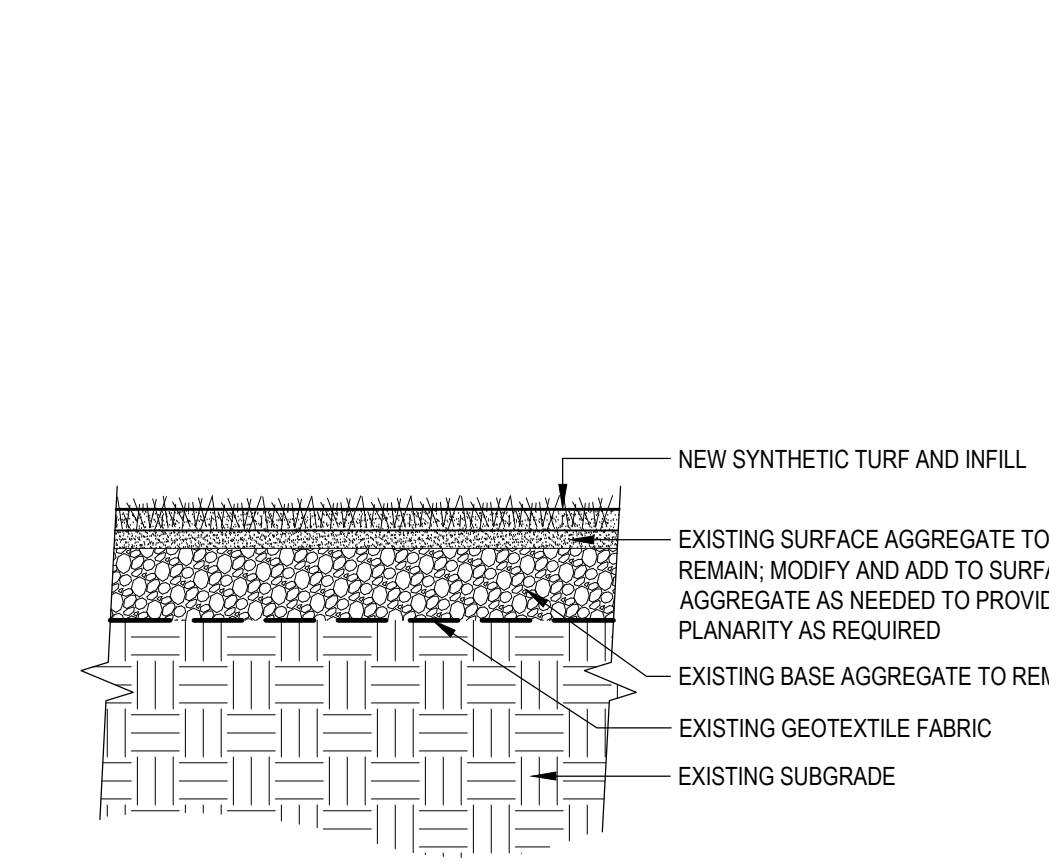
A2 TYP SECTION: ISOLATION JOINT
3\"/>



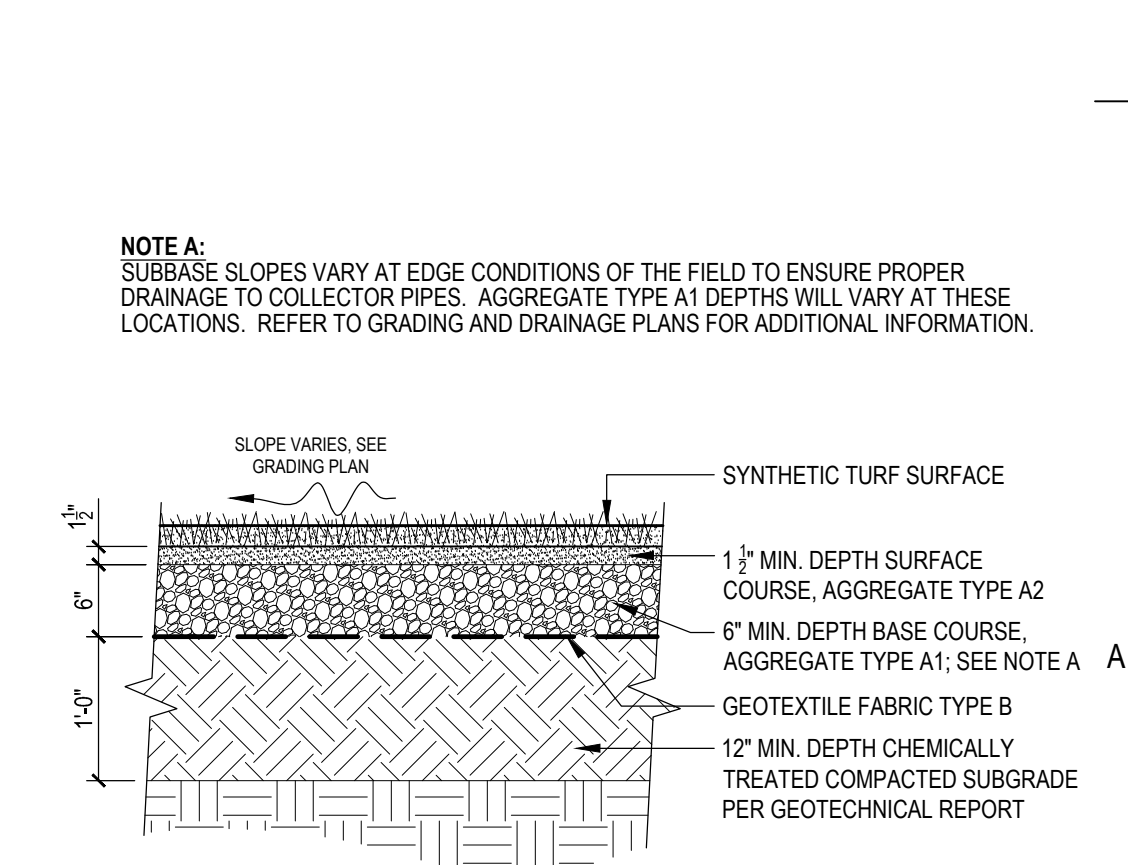
A3 TYP SECTION: DOWELED CONSTRUCTION JOINT
3\"/>



A4 TYP SECTION: SAWED CONTROL JOINT
3\"/>



A5 TYP SECTION: SYNTHETIC TURF REPLACEMENT
3/4" = 1'-0"



A6 TYP SECTION: SYNTHETIC TURF
3/4" = 1'-0"

SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS

CONSTRUCTION DOCUMENTS

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Southeast Polk Community School District

KEY PLAN

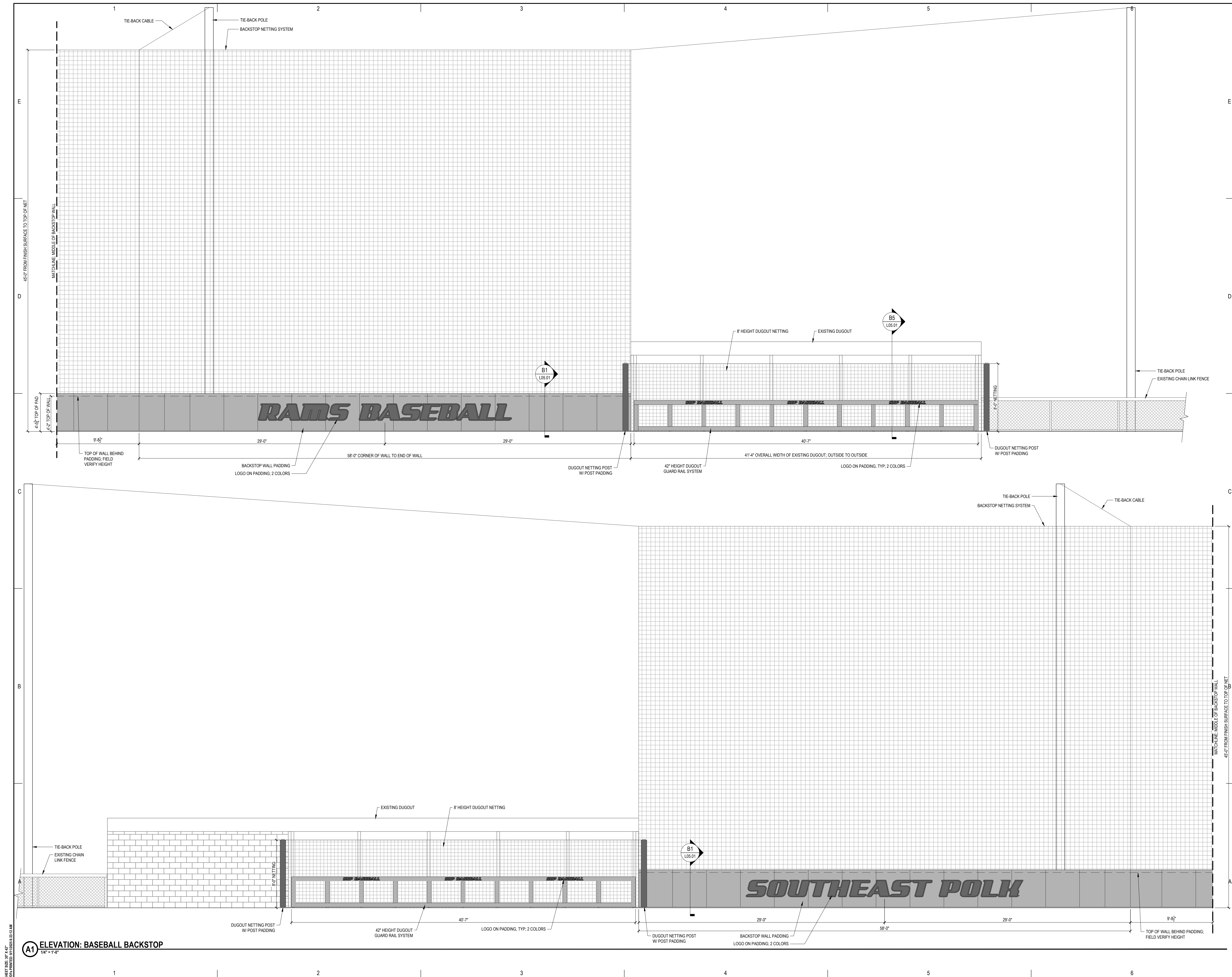
DATE: 3/20/20
PROJECT NO: 3007.279.00

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SITE DETAILS

L05.01

SHEET NO. 37 OF 47
PLOT PRINTED: 4/11/2023 12:33 AM



A1 ELEVATION: BASEBALL BACKSTOP
1/8" = 1'-0"

<p>LANDSCAPE ARCHITECT RDG Planning & Design 201 East Avenue Des Moines, Iowa 50309 Phone: (515) 283-3141</p>	<p>ELECTRICAL MODUS 1000 East 15th Street, Suite 200 Des Moines, Iowa 50309 Phone: (515) 251-2288</p>
<p>CIVIL RDG Planning & Design 201 East Avenue Des Moines, Iowa 50309 Phone: (515) 283-3141</p>	<p>SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS 8379 NE University Avenue Pleasant Hill, Iowa 50327 Southeast Polk Community School District</p>
<p>KEY PLAN</p>	
<p>ISSUANCE DATE PROJECT NO: 3007.279.00</p>	
<p><small>THIS DOCUMENT HAS BEEN PREPARED BY RDG SPECIFICALLY FOR THE SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS PROJECT. IT IS NOT TO BE USED FOR ANY OTHER PROJECTS OR IN OTHER CIRCUMSTANCES WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF RDG. ANY REPRODUCTION OR REPRODUCTION IN ANY FORM WITHOUT THE WRITTEN PERMISSION OF RDG IS PROHIBITED. THIS DRAWING HAS NOT REPRESENTED ALL CHANGES THAT HAVE OCCURRED DURING BID OR CONSTRUCTION PHASES. CONSTRUCTION DOCUMENTS, ADDENDUMS AND CHANGE DOCUMENTS REVISIONS ARE THE OFFICIAL CONSTRUCTION DOCUMENTS.</small></p>	
<p>SITE DETAILS</p>	
<p>L05.03</p>	

DATE PRINTED: 8/30/2025 10:27:11 AM

A B C D E

1 2 3 4 5 6

ELECTRICAL SYMBOLS LIST

NOTE: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

WIRING DEVICES

- ⊖ DUPLX WALL RECEPTACLE
- ⊖ DUPLX RECEPTACLE ON BACKUP POWER
- ⊖ DUPLX WALL RECEPTACLE ABOVE COUNTER BACKPLASH OR AS INDICATED
- ⊖ DUPLX WALL RECEPTACLE ABOVE COUNTER BACKPLASH OR AS INDICATED ON BACKUP POWER
- ⊖ DUPLX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
- ⊖ DUPLX TAMPER-RESISTANT RECEPTACLE
- ⊖ DUPLX WEATHERPROOF GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH COVER
- ⊖ DUPLX RECEPTACLE WITH USB CHARGER PORT
- ⊖ DUPLX RECEPTACLE INSTALLED HORIZONTALLY
- ⊖ QUADRUPLX RECEPTACLE
- ⊖ QUADRUPLX RECEPTACLE ON BACKUP POWER
- ⊖ QUADRUPLX RECEPTACLE ABOVE COUNTER BACKPLASH OR AS INDICATED
- ⊖ QUADRUPLX RECEPTACLE ABOVE COUNTER BACKPLASH OR AS INDICATED ON BACKUP POWER
- ⊖ SIMPLEX WALL RECEPTACLE, VERSY POWER NEEDS
- ⊖ SIMPLEX WALL RECEPTACLE, ON BACKUP POWER
- ⊖ DUPLX CEILING RECEPTACLE
- ⊖ JUNCTION BOX
- ⊖ WIREMOLD/PLUGMOLD W/ENTRANCE FITTING AS SPECIFIED AND RECEPTABLES & DEVICES AS INDICATED
- ⊖ 20W WALL RECEPTACLE, VERSY POWER NEEDS
- ⊖ 20W WALL RECEPTACLE ON BACKUP POWER
- ⊖ HAND DRYER (BY OTHERS)
- ⊖ AUTOMATIC FAUCET VALVE
- ⊖ EMERGENCY PUSH BUTTON (GENERATORS/BOILERS)
- ⊖ ADA PUSH BUTTON (BY OTHERS)

EQUIPMENT WIRING

- ⊖ DISCONNECTING MEANS
- ⊖ WEATHERPROOF DISCONNECTING MEANS
- ⊖ FUSED DISCONNECTING MEANS
- ⊖ MOTOR SWITCHER - REFER TO SPECIFICATIONS 26.26.16, AUTOMATIC CONTROLLERS
- ⊖ MOTOR RATED SWITCH
- ⊖ VARIABLE FREQUENCY DRIVE W/INTEGRAL DISCONNECT

SWITCHES - LOW VOLTAGE (DIGITAL)

(REFER TO LIGHTING SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION)

- ⊖ WALL SWITCH/STATION
- ⊖ OCCUPANCY SENSOR WALL SWITCH
- ⊖ CEILING MOUNT OCCUPANCY SENSOR
- ⊖ DANKLIGHT PHOTOSENSOR
- ⊖ EXTERIOR PHOTOCELL

SWITCHES - LINE VOLTAGE (120/277V)

(REFER TO LIGHTING SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION)

- ⊖ SINGLE POLE
- ⊖ COMBING SWITCH
- ⊖ 3-WAY SWITCH
- ⊖ 4-WAY SWITCH
- ⊖ SINGLE POLE KEYSWITCH
- ⊖ 3-WAY KEYSWITCH
- ⊖ PILOT LIGHT SWITCH
- ⊖ MOMENTARY LIGHT SWITCH
- ⊖ OCCUPANCY SENSOR WALL SWITCH
- ⊖ CEILING MOUNT OCCUPANCY SENSOR

COMMUNICATIONS SYSTEMS

- ⊖ TELEPHONE OUTLET IN WALL
- ⊖ TELEPHONE OUTLET ABOVE COUNTER BACKPLASH
- ⊖ TELEPHONE OUTLET FOR WALL MOUNTED TELEPHONE
- ⊖ DATA OUTLET IN WALL W/ # OF JACKS
- ⊖ DATA OUTLET ABOVE COUNTER BACKPLASH
- ⊖ DATA OUTLET IN CEILING
- ⊖ WIRELESS ACCESS POINT
- ⊖ COMBINATION PHONE/DATA OUTLET IN WALL
- ⊖ COMBINATION PHONE/DATA OUTLET ABOVE COUNTER
- ⊖ TELEVISION OUTLET IN WALL
- ⊖ TELEVISION OUTLET IN CEILING
- ⊖ WALL HORN INDICATOR
- ⊖ CEILING SPEAKER
- ⊖ INTERCOM PUSH BUTTON
- ⊖ AUDIO VISUAL OUTLET IN WALL
- ⊖ AUDIO VISUAL OUTLET IN FLOOR
- ⊖ CLOCK LOCATION
- ⊖ CLOCK LOCATION - DOUBLE FACE

DISTRIBUTION

- ⊖ SURFACE MOUNT PANEL
- ⊖ FLUSH MOUNT PANEL
- ⊖ TRANSFORMER
- ⊖ C/T CABINET
- ⊖ METER

LUMINAIRES

- ⊖ GROUND MOUNT FLOOD LIGHT FIXTURE W/TYPE NUMBER

MISCELLANEOUS

- EX EXISTING - TO REMAIN
- EXR EXISTING - TO BE RELOCATED
- ER EXISTING - TO BE REMOVED
- CONDUIT
- SWITCH-LESS IN CONDUIT
- UC UNDER GROUND CONDUIT
- EMPTY CONDUIT
- PC POINT OF NEW CONNECTION
- DEMOLISH TO THIS POINT AND PREPARE FOR NEW CONNECTION
- DEMOLISH TO THIS POINT AND CAP
- WP WEATHERPROOF
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISH GRADE
- WM DEVICE ON WIREMOLD
- WG WIRE GUARD
- (FS) FIRE STOP
- EZ PASS-THROUGH

SHEET INDEX

SHEET NUMBER	SHEET NAME
E000	SYMBOLS LIST
ED101	ELECTRICAL DEMOLITION PLAN
ED101	ELECTRICAL SITE PLAN
ES01	ELECTRICAL DETAILS AND SCHEDULES

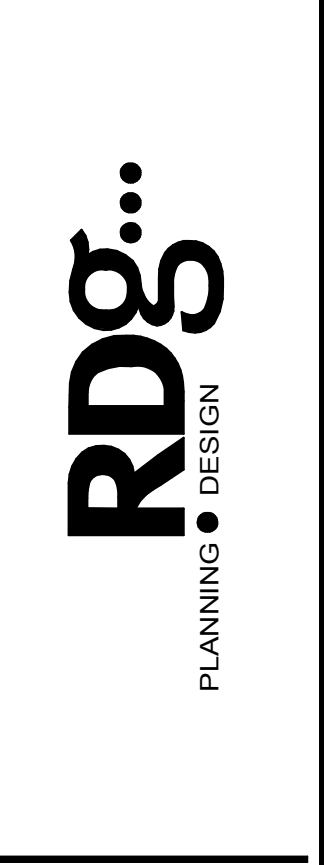
PROJECT CONTACTS

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CONSTRUCTION DOCUMENTS

SE POLK HIGH SCHOOL BASEBALL & SOFTBALL RENOVATIONS



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Southeast Polk Community School District

ISSUANCE	DATE
PROJECT NO.	3007.379.00

RDG Planning & Design
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SYMBOLS LIST

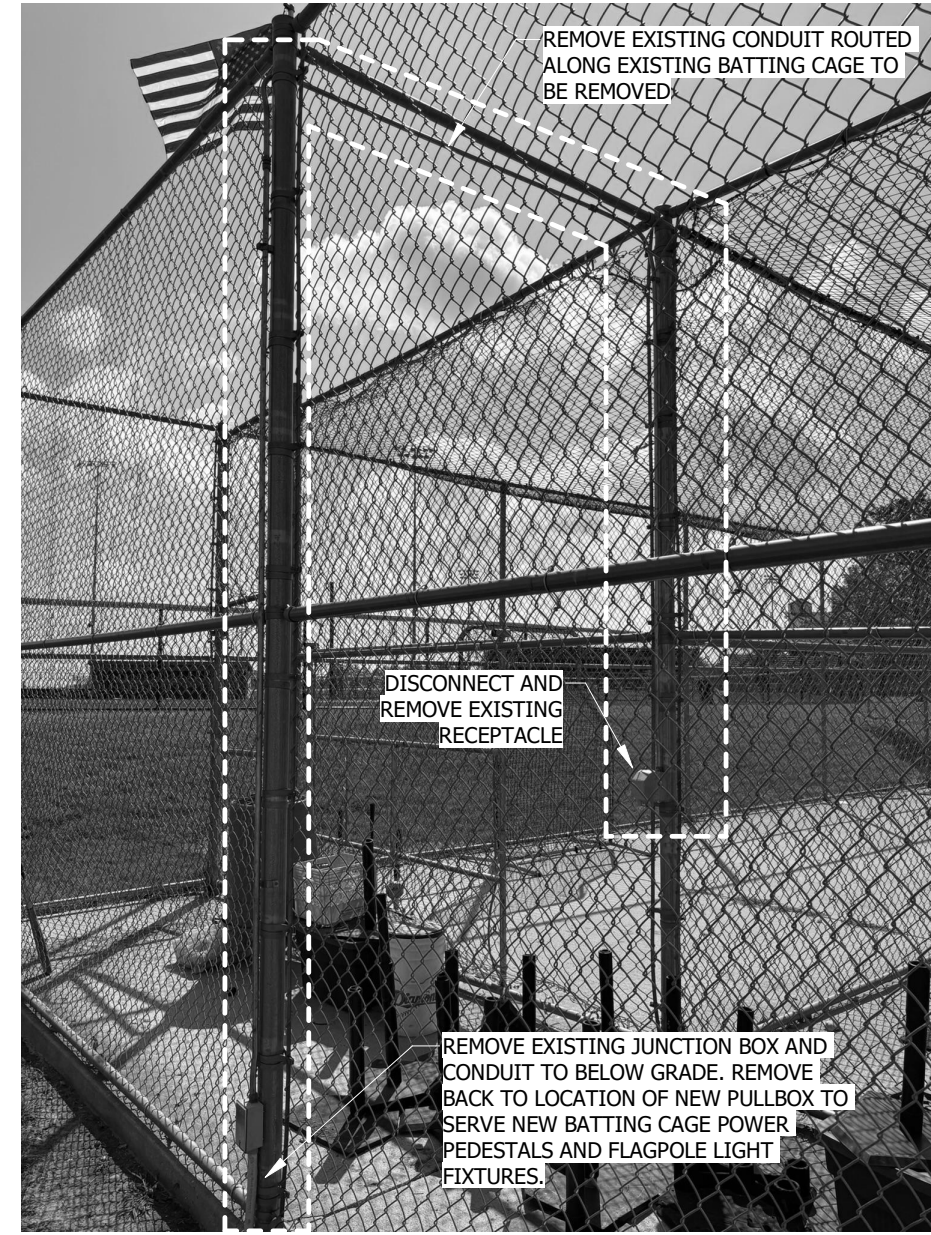
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DEMOLITION GENERAL NOTES:

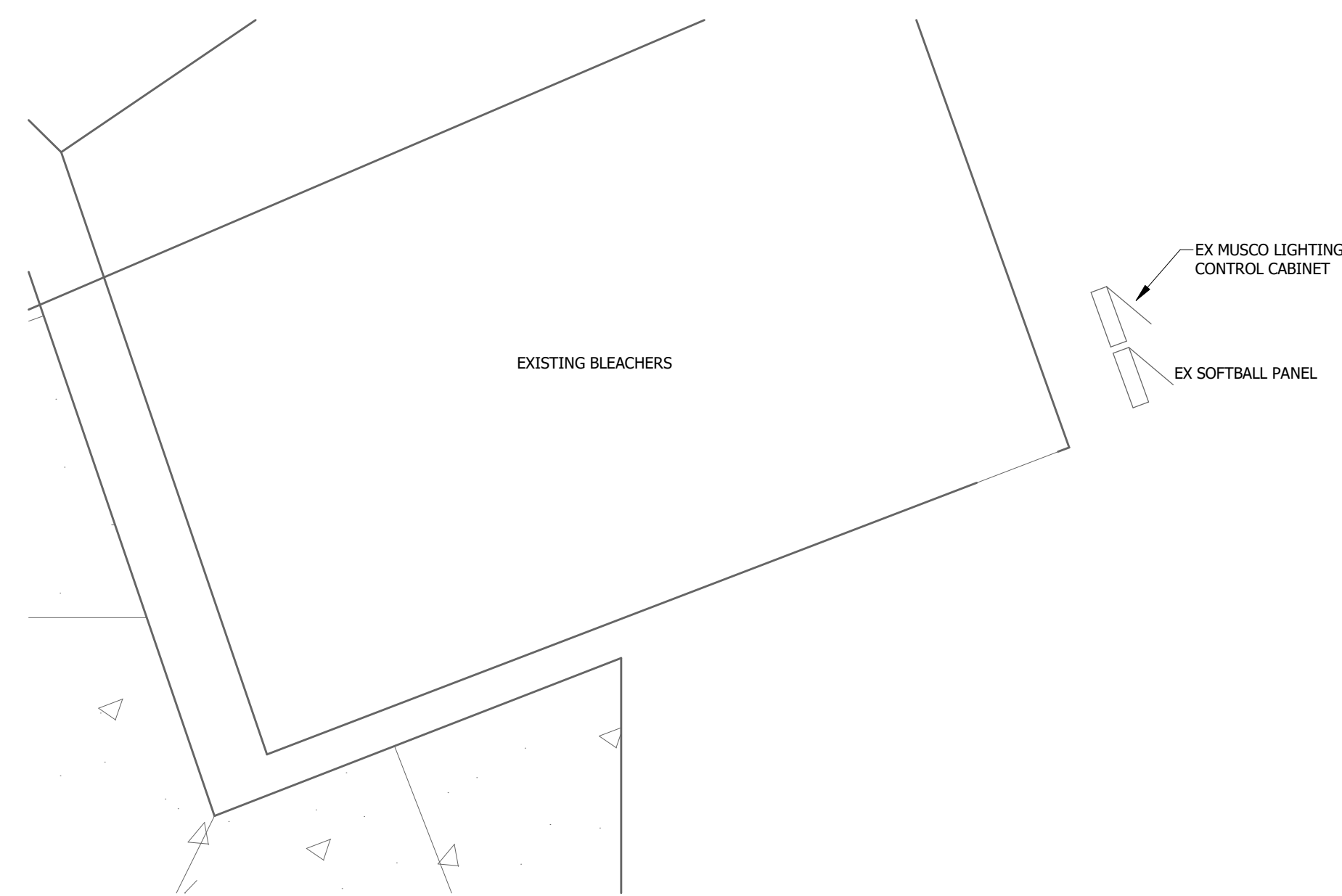
- DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTORS SHALL VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.
- REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- UTILITIES SHOWN ARE INDICATED SCHEMATICALLY. CONTRACTORS SHALL VERIFY ALL DEPTHS AND ALL LOCATIONS' DIMENSIONS PRIOR TO EXCAVATING. ALL UTILITIES MAY NOT BE SHOWN.
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL SITE UTILITIES.
- REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION ON EXISTING AND NEW SITE CONDITIONS.
- ALL UNDERGROUND UTILITIES, PIPING, ETC. SHALL BE LOCATED EXACTLY BEFORE DIGGING.
- CONTRACTOR IS RESPONSIBLE FOR DOING ALL WORK PER LOCAL RESPECTIVE UTILITY REQUIREMENTS.

DEMOLITION REFERENCED NOTES:

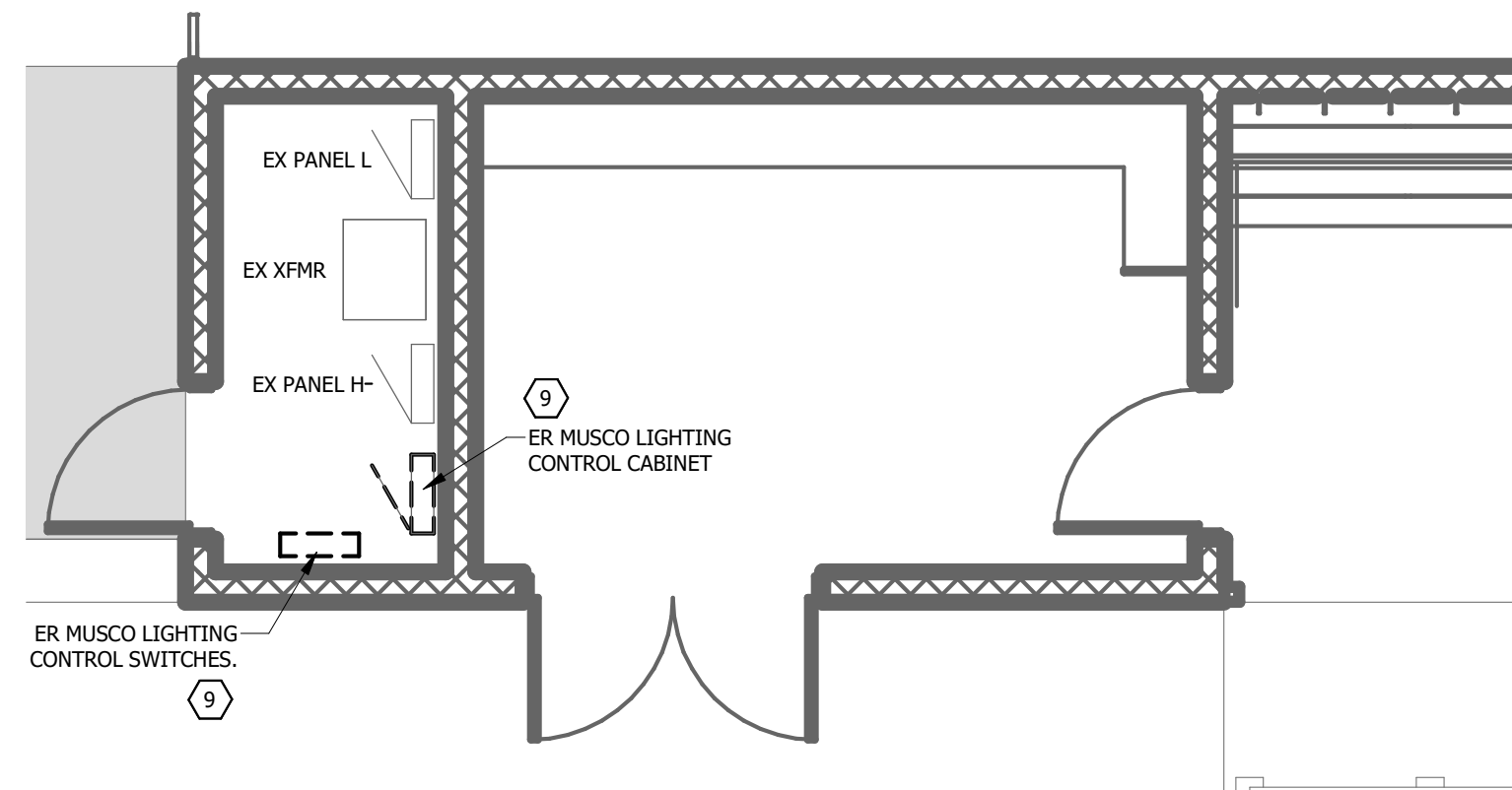
- EXISTING CONDUIT AND WIRE SERVING SOFTBALL BATTING CAGES SHALL REMAIN. CONDUIT ROUTING SHOWN SCHEMATICALLY ONLY. ELECTRICAL CONTRACTOR SHALL DETERMINE EXACT ROUTING PRIOR TO BEGINNING WORK.
- DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRE SERVING SOFTBALL BATTING CAGES. EXISTING CIRCUIT SHALL BE PRESERVED FOR REUSE. REFER TO DETAIL FOR DEMOLITION SCOPE WITHIN BATTING CAGE.
- REMOVE CONDUIT AND WIRE AND PREPARE TO INSTALL NEW IN-GRADE SPLICE BOX AT APPROXIMATE LOCATION INDICATED. EXACT LOCATION SHALL BE DETERMINED BY ELECTRICAL CONTRACTOR.
- REMOVE CONDUIT AND WIRE FROM EXISTING PULLBOX TO EXISTING BATTING CAGE POWER PEDESTALS TO BE REMOVED. EXISTING CIRCUIT SHALL BE PRESERVED FOR REUSE.
- DISCONNECT AND REMOVE CONDUIT AND WIRE SERVING SCOREBOARD. EXISTING CIRCUIT SHALL BE PRESERVED AND MODIFIED FOR REUSE. EXISTING DISCONNECT SHALL BE REMOVED.
- EXISTING POWER PEDESTALS SHALL BE DISCONNECTED AND REMOVED. REMOVE CONDUIT AND WIRE AS INDICATED.
- EXISTING IN-GRADE PULL BOX SHALL REMAIN. ELECTRICAL CONTRACTOR SHALL PROVIDE ADDITIONAL NEW KNOCKOUTS AS REQUIRED FOR NEW WORK SHOWN.
- BID ALTERNATE:** ALL WORK ASSOCIATED WITH LED RETROFIT AND NEW UPLIGHT/BALL TRACKING LIGHTING SHALL BE CONSIDERED BID ALTERNATE. ELECTRICAL CONTRACTOR SHALL DISCONNECT EXISTING POWER AT POLE TO ALLOW FOR NEW FIXTURES AND ASSOCIATED COMPONENT INSTALLATION BY MUSCO. COORDINATE THIS WORK CLOSELY WITH MUSCO REPRESENTATIVE.
- BID ALTERNATE:** ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CONTROL CONTACTOR CABINET AND SWITCH EQUIPMENT. NEW CABINET SHALL BE INSTALLED IN ITS PLACE. DISCONNECT AND PRESERVE ALL 480V POLE LIGHTING CIRCUITS FOR RECONNECTION TO NEW CABINET. DISCONNECT AND PRESERVE 120V CONTROL CIRCUIT FOR RECONNECTION TO NEW CABINET. COORDINATE WITH MUSCO FOR ADDITIONAL RESPONSIBILITIES.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING CONTROL CONTACTOR CABINET. NEW CABINET SHALL BE INSTALLED IN ITS PLACE. DISCONNECT AND PRESERVE ALL 208V POLE LIGHTING CIRCUITS FOR RECONNECTION TO NEW CABINET. DISCONNECT AND PRESERVE 120V CONTROL CIRCUIT FOR RECONNECTION TO NEW CABINET. COORDINATE WITH MUSCO FOR ADDITIONAL RESPONSIBILITIES.



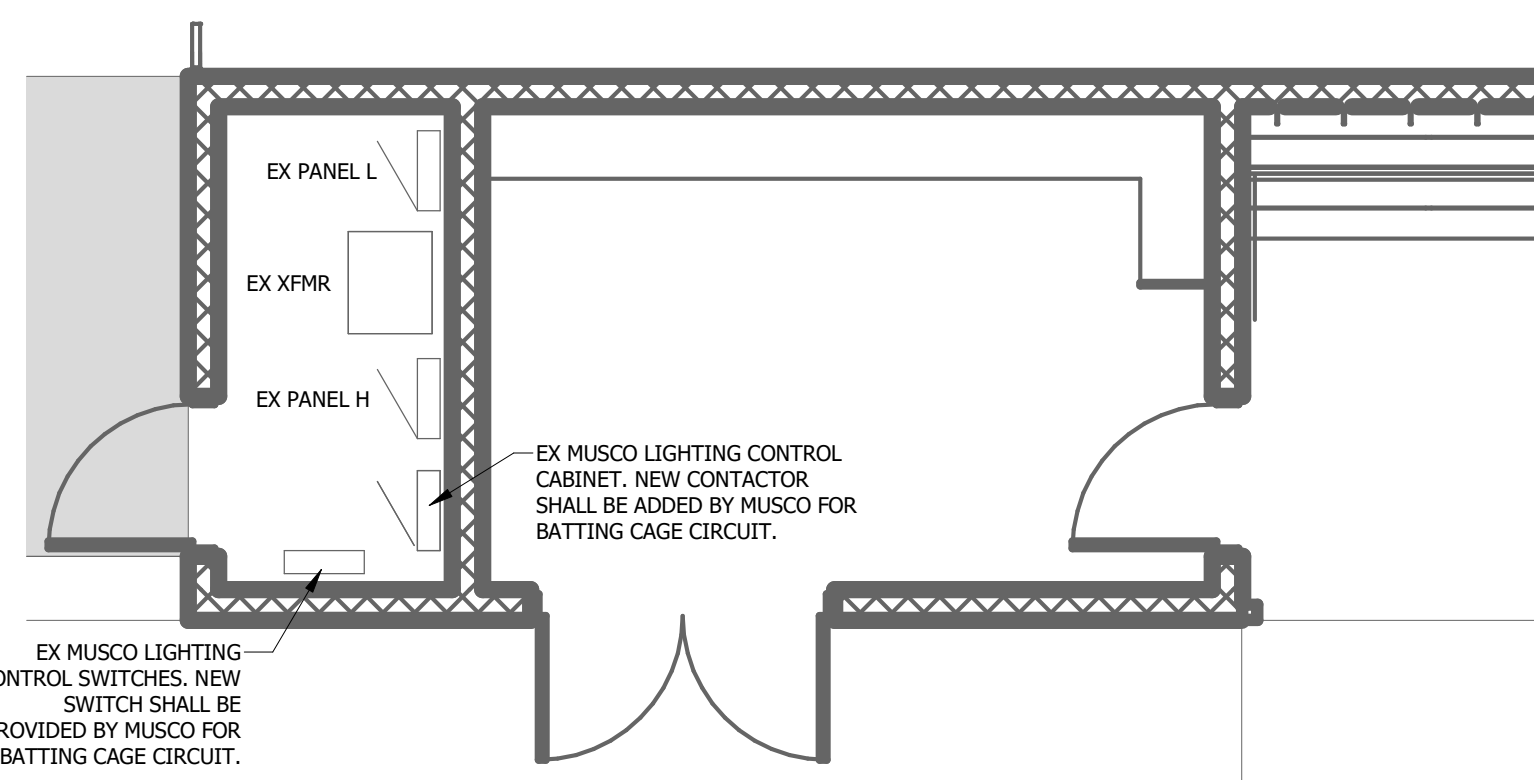
5 EXISTING SOFTBALL BATTING CAGES
No Scale



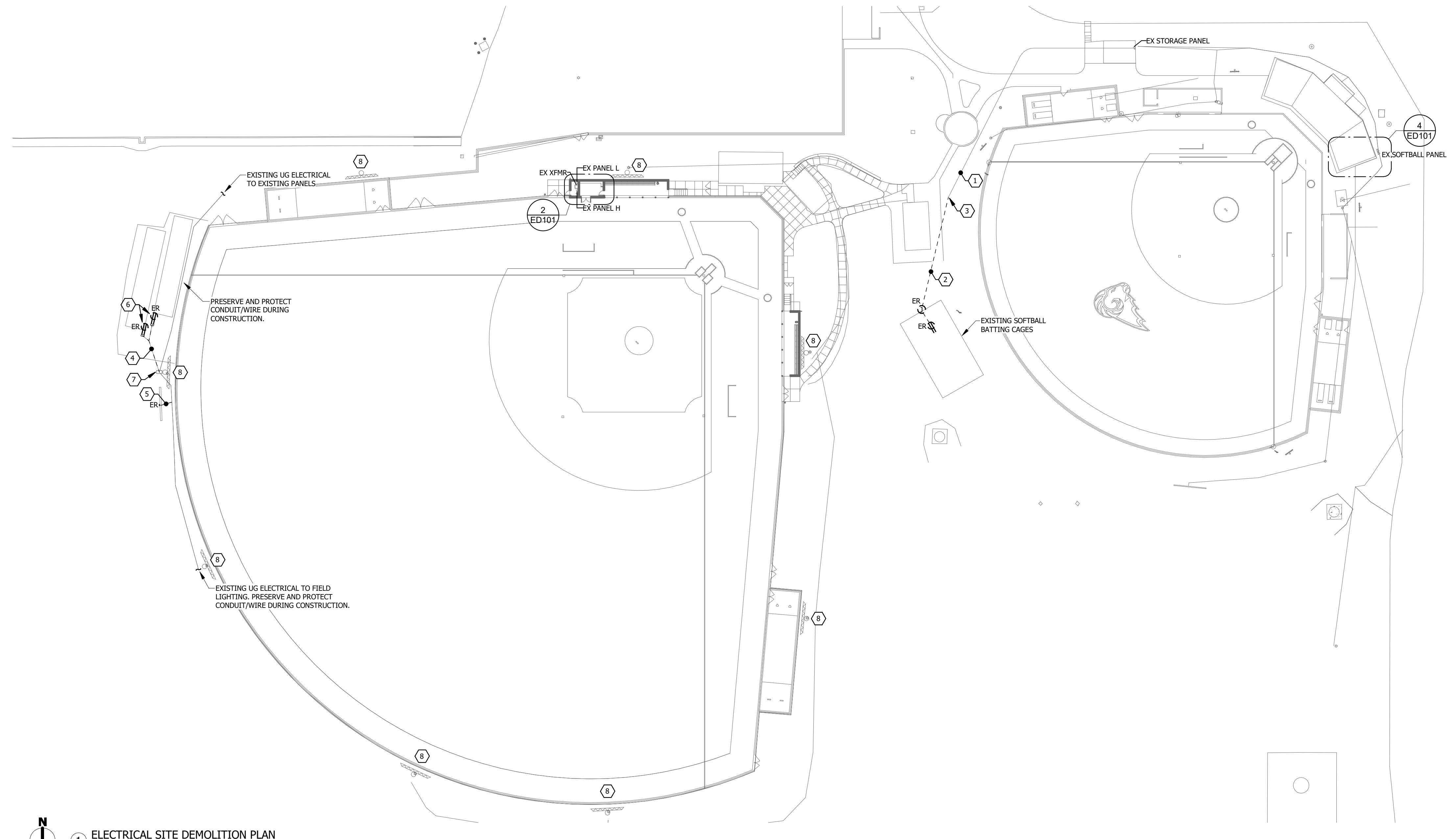
4 ELECTRICAL DEMO ENLARGED PLAN - SOFTBALL PANELS
1/4" = 1'-0"



3 BID ALTERNATE - ELECTRICAL DEMO ENLARGED PLAN - BASEBALL DUGOUT
1/4" = 1'-0"



2 BASE BID - ELECTRICAL DEMO ENLARGED PLAN - BASEBALL DUGOUT
1/4" = 1'-0"



1 ELECTRICAL SITE DEMOLITION PLAN
1" = 40'-0"

BRANCH EX PANEL H

Location: **480/277 Wye**
Supply From: **Phases: 3**
Mounting: Surface
Enclosure: Type 1

Volts: **480/277 Wye**
Phases: **3**
Wires: **4**

S.C.C.R. Rating: EXISTING
Mains Type: MLO
Mains Rating: 400A
MCB Rating: MLO
SPD: NONE

Notes:

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT
H-1	POLE A1	E	20 A	3	2363	2363					POLE A2	H-2
H-3					2363	2363						H-4
H-5							2363	2363				H-6
H-7	POLE B1	E	30 A	3	2930	2930					POLE B2	H-8
H-9							2930	2930				H-10
H-11									2930	2930		H-12
H-13	POLE C1	E	20 A	3	1360	1360					POLE C2	H-14
H-15							1360	1360				H-16
H-17									1360	1360		H-18
H-19	POLE D1	E	20 A	3	1360	1360					POLE D2	H-20
H-21							1360	1360				H-22
H-23									1360	1360		H-24
H-25	EX TENNIS COURT LTG	E	40 A	2	0	3067					C2 BATTING CAGES	H-26
H-27							0	3067				H-28
H-29	SPACE											H-30
H-31	EX XFMR	E	40 A	3	540						SPACE	H-32
H-33							1350				SPACE	H-34
H-35									0		SPACE	H-36
H-37	EX CONCESSION XFMR	E	125 A	2	0						SPACE	H-38
H-39											SPACE	H-40
H-41											SPACE	H-42
Total Load:					19633 VA	20443 VA	19093 VA					
Total Amps:					71 A	74 A	69 A					

Type Legend:
N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	1350 VA	100.00%	1350 VA	
Power	540 VA	100.00%	540 VA	Total Conn. Load: 59.2 kVA
Lighting	9200 VA	125.00%	11500 VA	Total Est. Demand: 61.5 kVA
				Total Conn. Current: 71 A
				Total Est. Demand Current: 74 A

Notes:
 ① **BID ALTERNATE:** EXISTING CIRCUIT SERVING POLE LIGHTING SHALL REMAIN TO SERVE LED RETROFIT FIXTURES AND NEW UPLIGHT BY MUSCO. CIRCUIT SHALL BE RECONNECTED TO NEW CONTACTOR CONTROL CABINET BY ELECTRICAL CONTRACTOR. COORDINATE TERMINATION REQUIREMENTS WITH MUSCO.
 ② **BASE BID:** ELECTRICAL CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR BATTING CAGES VIA SWITCH AND CONTACTOR.

BRANCH EX PANEL L

Location: **ELECTRICAL ROOM 2**
Supply From: **EX XFMR**
Mounting: Surface
Enclosure: Type 1

Volts: **120/208 Wye**
Phases: **3**
Wires: **4**

S.C.C.R. Rating: EXISTING
Mains Type: MLO
Mains Rating: 100A
MCB Rating: MLO
SPD: NONE

Notes:

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT
L-1	BATTING CAGES	E	20 A	1	180	0					HOME DUGOUT OUTLETS	L-2
L-3	VISIT DUGOUT OUTLETS	E	20 A	1		0	0				TENNIS PHOTOCELL	L-4
L-5	DUGOUT LIGHTING	E	20 A	1			0	0	0	0	ER SCOREBOARD	L-6
L-7	EXISTING LOAD	E	60 A	3	0	0						L-8
L-9							0	1350			SCOREBOARD	L-10
L-11									0	0	SPARE	L-12
L-13	GROUND BOX	E	20 A	1	360	0					SPARE	L-14
L-15	SPARE	E	20 A	1			0	0			SPARE	L-16
L-17	SPARE	E	20 A	1				0	0		SPARE	L-18
L-19	SPARE	E	20 A	1	0	0					SPARE	L-20
L-21	SPARE	E	20 A	1			0	0			SPARE	L-22
L-23	SPARE	E	20 A	1				0	0		SPARE	L-24
L-25	SPARE	E	20 A	1	0	0					SPARE	L-26
L-27	SPARE	E	20 A	1			0	0			EXISTING LOAD	L-28
L-29	SPARE	E	20 A	1					0	0		L-30
Total Load:					540 VA	1350 VA	0 VA					
Total Amps:					5 A	12 A	0 A					

Type Legend:
N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	1350 VA	100.00%	1350 VA	
Power	540 VA	100.00%	540 VA	Total Conn. Load: 1.9 kVA
				Total Est. Demand: 1.9 kVA
				Total Conn. Current: 5 A
				Total Est. Demand Current: 5 A

Notes:
 ① EXISTING BREAKER PREVIOUSLY SERVING SCOREBOARD MAY REMAIN AS 'SPARE'
 ② UTILIZE EXISTING SPARE BREAKER FOR NEW LOAD.

BRANCH EX SOFTBALL PANEL

Location: **120/208 Wye**
Supply From: **Surface**
Mounting: Surface
Enclosure: Type 1

Volts: **120/208 Wye**
Phases: **3**
Wires: **4**

S.C.C.R. Rating: EXISTING
Mains Type: MCB
Mains Rating: EXISTING
MCB Rating: 125A
SPD: NONE

Notes:

CKT	Circuit Description	Type	Trip	Poles	A	B	C	Poles	Trip	Type	Circuit Description	CKT	
SP-1	EX FIELD LIGHTING B2	E	40 A	3	0	0					EX PRESSBOX PANEL	SP-2	
SP-3							0	0				SP-4	
SP-5								0	0		EX SPARE	SP-6	
SP-7	EX FIELD LIGHTING A2	E	30 A	3	0	0					EX MUSCO CONTROL	SP-8	
SP-9								0	0		EX RECEIPT 1ST DUGOUT	SP-10	
SP-11									0	0	EX RECEIPT 3RD DUGOUT	SP-12	
SP-13	EX WALKWAY LTG A2+B2	E	20 A	3	0	0					EX IRRIGATION CONTROL	SP-14	
SP-15							0	1350			SCOREBOARD	SP-16	
SP-17									0	0	EX CENTERFIELD...	SP-18	
SP-19	EX FIELD LIGHTING A1	E	30 A	3	0	0					SPARE	SP-20	
SP-21									0	0	SPARE	SP-22	
SP-23										0	0	EX STORAGE PANEL	SP-24
SP-25	EX FIELD LIGHTING B1	E	40 A	3	0	0						SP-26	
SP-27									0	1085	B5 BATTING CAGES	SP-28	
SP-29										0	1085		SP-30
SP-31	EX SPARE	E	40 A	3	0	1085						SP-32	
SP-33									0	0	CONTROL CKT	SP-34	
SP-35										0	0	SPARE	SP-36
SP-37	EX SPARE	E	30 A	3	0	0					SPARE	SP-38	
SP-39										0	0	SPARE	SP-40
SP-41											SPARE	SP-42	
Total Load:					1085 VA	2435 VA	1085 VA						
Total Amps:					9 A	20 A	9 A						

Type Legend:
N=NORMAL G=GFI M=MOTORIZED E=EXISTING ST=SHUNT TRIP A=ARC FAULT H=HANDLE LOCK

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	1350 VA	100.00%	1350 VA	
Lighting	3254 VA	125.00%	4068 VA	Total Conn. Load: 4.6 kVA
				Total Est. Demand: 5.4 kVA
				Total Conn. Current: 13 A
				Total Est. Demand Current: 15 A

Notes:
 ① **BASE BID:** ELECTRICAL CONTRACTOR SHALL PROVIDE NEW CIRCUIT FOR BATTING CAGES VIA SWITCH AND CONTACTOR.
 ② UTILIZE EXISTING SPARE BREAKER FOR NEW LOAD.

LIGHTING FIXTURE SCHEDULE

TYPE	BOD MANUFACTURER	MODEL NUMBER	DESCRIPTION	LAMP/CCT/CRI	CONTROL	DELIVERED LUMENS	WATTS	VOLTS	EQUALS
SA	NLS	HW-F2 30 32L 50W 4000K UV K10 B&K PC	LED FLOOD LIGHT. ARCHITECT SHALL CONFIRM FINISH FROM STANDARD OPTIONS PRIOR TO ORDERING. PROVIDE WITH INTEGRAL PHOTOCELL BUTTON. ADJUST SHALL BE COORDINATED WITH DESIGN TEAM DURING CONSTRUCTION. FIXTURE SHALL BE INSTALLED ON CONCRETE BASE PER DETAILS.	LED/4000/80CRI	NON DIM	6,100	50	UNV	OPTIC. ENGINEER APPROVED EQUAL

NOTES:

- PROVIDE ALL PARTS AND PIECES FOR A COMPLETE AND FULLY FUNCTIONAL LIGHTING SYSTEM.
- CONTRACTOR SHALL INSTALL ALL FIXTURES PER MANUFACTURER RECOMMENDATIONS IN LOCATIONS SHOWN ON DRAWING AND NOTIFY DESIGN TEAM IF THIS IS NOT POSSIBLE PRIOR TO ROUGH-IN.
- ARCHITECT SHALL SELECT ALL FINISH COLORS AT TIME OF SUBMITTAL.
- COORDINATE ALL DRIVERS WITH CONTROLS TO INSURE FULL COMPATIBILITY.

LIGHT FIXTURE SCHEDULE BY: ERIK FRANCOIS (ERANCOIS@MOUS-ENG.COM)

LIGHTING CONTROL - SEQUENCE OF OPERATION

TAG	ACTIVATION	DESCRIPTION	SCHEDULE
A	AUTO ON/ AUTO OFF VIA PHOTOCELL	AUTO ON/AUTO OFF VIA INTEGRAL FIXTURE PHOTOCELL	NA

