VILLAGE OF BRADLEY

RESOLUTION NO. **R-08-24-02**

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, AND THE BRADLEY BOURBONNAIS UNION DRAINAGE DISTRICT NO. 6

ADOPTED BY THE
BOARD OF TRUSTEES OF THE
VILLAGE OF BRADLEY

THIS 12th DAY OF August, 2024

Adopted by the Board of Trustees of the Village of Bradley, Kankakee County, Illinois this ____ day of 12th August 2024

RESOLUTION NO. R-08-24-02

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, AND THE BRADLEY BOURBONNAIS UNION DRAINAGE DISTRICT NO. 6

WHEREAS, the Corporate Authorities of the Village of Bradley, Kankakee County, Illinois, have the authority to adopt resolutions and to promulgate rules and regulations that pertain to its government and affairs and protect the public health, safety, and welfare of its citizens; and

WHEREAS, pursuant to 65 ILCS 5/2-3-8, the Corporate Authorities of the Village are authorized to enter into contracts that serve the legitimate corporate purposes of the Village; and

WHEREAS, the Village is currently in the process of constructing a youth sports complex on certain Village-owned property located north of E 4500N Road and west of N 2000E Road (the "Project"); and

WHEREAS, the Village's Project is located within the boundaries of the Bradley Bourbonnais Union Drainage District No. 6 (the "District") and may impact the District's drainage system; and

WHEREAS, the District has proposed an agreement with the Village in connection with the Project (the "Agreement"), a copy of which is attached hereto as Exhibit A and fully incorporated herein; and

WHEREAS, the Corporate Authorities of the Village have reviewed the Agreement and have determined that terms, conditions, and provisions of the same are fair, reasonable, and acceptable to the Village, and further that entering into the same is in the best interests of the Village and its citizens.

NOW THEREFORE, BE IT RESOLVED BY THE CORPORATE AUTHORITIES OF THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, PURSUANT TO ITS STATUTORY AUTHORITY, AS FOLLOWS:

SECTION 1. The Corporate Authorities hereby find that all of the recitals contained in the preamble to this Resolution are true, correct, and complete and are hereby incorporated by reference hereto and made a part hereof.

SECTION 2. The Corporate Authorities of the Village hereby find and declare that the terms, conditions, and provisions of the Agreement (Exhibit A) are fair, reasonable, and acceptable to the Village and further that entering into the same is in the best interests of the Village and its citizens. Therefore, the Corporate Authorities of the Village hereby authorize the Village President to execute and deliver, and the Village Clerk to attest, the Agreement and further to take any and all other actions, including without limitation executing and delivering documents, necessary to enter into and perform under the Agreement.

SECTION 3. In the event that any provision or provisions, portion or portions, or clause or clauses of this Resolution shall be declared to be invalid or unenforceable by a Court of competent jurisdiction, such adjudication shall in no way affect or impair the validity or enforceability of any of the remaining provisions, portions, or clauses of this Resolution that may be given effect without such invalid or unenforceable provision or provisions, portion or portions, or clause or clauses.

SECTION 4. All ordinances, resolutions, motions, or parts thereof, conflicting with any of the provisions of this Resolution, are hereby repealed to the extent of the conflict.

SECTION 5. This Resolution shall be in full force and effect from and after its passage and approval, as provided by law.

[*Intentionally Blank*]

PASSED by the Board of Trustees on a roll call vote on the 12th day of August, 2024.

TRUSTEES:

RYAN LEBRAN	Aye – ✓	Nay – ____	Absent – ____
BRIAN BILLINGSLEY	Aye – ✓	Nay – ____	Absent – ____
DARREN WESTPHAL	Aye – ✓	Nay – ____	Absent – ____
BRIAN TIERI	Aye – ✓	Nay – ____	Absent – ____
GRANT D. VANDENHOUT	Aye – ✓	Nay – ____	Absent – ____
GENE JORDAN	Aye – ✓	Nay – ____	Absent – ____

VILLAGE PRESIDENT:

MICHAEL WATSON	Aye – ____	Nay – ____	Absent – ____
TOTALS:	**Aye –** 6	**Nay –** Ø	**Absent –** Ø

ATTEST:

KELLI BRZA, VILLAGE CLERK

APPROVED this 12th day of August, 2024.

MICHAEL WATSON, VILLAGE PRESIDENT

ATTEST:

KELLI BRZA, VILLAGE CLERK

STATE OF ILLINOIS)
) §§
COUNTY OF KANKAKEE)

I, Kelli Brza, Village Clerk of the Village of Bradley, County of Kankakee and State of Illinois, DO HEREBY CERTIFY that the attached is a true, perfect, and complete copy of Resolution number **R-08-24-02** , "A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF BRADLEY, KANKAKEE COUNTY, ILLINOIS, AND THE BRADLEY BOURBONNAIS UNION DRAINAGE DISTRICT NO. 6," which was adopted by the Village Corporate Authorities at a meeting held on the 12th day of August, 2024.

IN WITNESS WHEREOF, I have hereunto set my hand in the Village of Bradley, County of Kankakee and State of Illinois, on this 12th day of August, 2024.

KELLI BRZA, VILLAGE CLERK

(SEAL)

Exhibit A

Agreement with Bradley Bourbonnais Union Drainage District No. 6

AGREEMENT

NOW COMES The Village of Bradley, an Illinois Municipal Corporation, (hereinafter referred to as "Bradley") and Bradley Bourbonnais Union Drainage District No. 6, of the County of Kankakee and State of Illinois, (hereinafter referred to as "District") and agree as follows:

1. That the District has constructed and presently maintains a drainage system consisting of open ditches and tile drains for the purpose of providing a drainage outlet for the lands and properties situated within its boundaries; and
2. That the District has a drainage right-of-way along the open ditches and tile drains within its boundaries, which right-of-way constitutes an easement for drainage purposes; and
3. That Bradley proposes to construct and operate a recreational sports complex consisting of sports fields, driveways, buildings, parking lots, and other amenities; and
4. That said sports complex is located within the boundaries of the District and storm water drainage flow from the sports complex will outlet into and flow through the District owned and operated facilities described and depicted on the attached exhibit A (the "District Facilities"); and
5. That the District agrees to allow the construction and operation of the storm water drainage facilities associated with the above sports complex, (the "Development") and, in the manner and at the location set forth in the Exhibit B; and
6. That the installation and construction of said Development by Bradley shall be in substantial conformance with the engineering plans and specifications titled Site Improvements Plans of Bradley Sports Complex prepared by Kimly-Horn and Associates, dated February 8, 2024 and attached hereto as Exhibit B; and
7. That Bradley shall be responsible for the Development and shall construct the same in substantial conformance with the plans and specifications

referred to above. Any failure on the part of Bradley to construct the Development as referred to above, shall be considered a breach of this Agreement; and

8. That in the construction of the Development the Village shall perform all such work in a good and workmanlike manner; and

9. That Bradley agrees to be solely responsible for the construction, operation and maintenance of the above Development and in particular, Bradley shall maintain the Development to keep the same in reasonably good operating condition at all times; and

10. That in the event that Bradley fails to construct or maintain said Development in substantial conformance with the documents referred to above, Bradley agrees that the District may make such investigations as the District deems reasonably necessary to assure that no damage has been done to the District Facilities. The reasonable cost of those investigations shall be borne solely by Bradley and are to be paid for within thirty (30) days of receipt of an invoice from the District.

11. That Bradley shall be responsible for any damage to the District Facilities which may be discovered in the future and which is solely and directly caused by the construction and/maintenance of the Development; and

12. That in the event damage to any of the District Facilities occurs as a result of the failure to properly construct, operate and/or maintain said Development as per this Agreement, Bradley agrees to make the necessary and appropriate repairs to such District Facilities upon ten (10) days written notice from the District. Further, Bradley hereby agrees to comply with the directions of the District regarding the repair and/or restoration of any District Facility damaged by the installation, construction and/or maintenance of said Development at their own cost and/or expense and agrees to repair the same to the satisfaction of the District. Should Bradley fail to commence repairs within the above ten (10) day written notice

period The District may make the repairs and submit the bill for said repairs to Bradley who shall pay the said bill within thirty (30) days of receipt of said bill; and

13. That should Bradley fail to complete said repairs to the satisfaction of the District within forty-five (45) days after issuance of the above ten (10) day written notice District make the repairs and submit the bill to Bradley who shall pay said bill within thirty (30) days of receipt of said bill; and

14. That Bradley represents that it has obtained construction permits from all local, state, and federal regulatory agencies governing the construction of said Development and said Development will be constructed in accordance with the applicable regulations and requirements of said governmental agencies; and

15. That Bradley agrees to defend and indemnify the District and its officers and agents from any and all demands, claims, and/or legal actions arising out of the construction, operation, and/or maintenance of the above Development. Bradley agrees to pay all Commissioners' fees, engineering fees, and/or attorneys' fees and court costs incurred by the District as a result of any demand, claim, or legal action made or brought as a result of the construction, operation, and/or maintenance of the above Development; and

16. That Bradley agrees to pay all settlements and/or judgments resulting from any demand, claim or legal action made or brought as a result of the construction, operation, and/or maintenance of said Development by any and all person or persons; and

17. That Bradley agrees to pay all costs incurred by the District in entering into this Agreement, including court costs, publication fees, Commissioners' fees, engineers' fees, and attorneys' fees, which are as follows:

Engineering Fees/Costs	**$8000.00**
Attorneys' Fees/Cost	**$5500.00**
Total	**$13,500.00**

18. That Bradley shall be responsible for all additional Commissioners' fees, attorneys' fees, Court costs, and/or engineering fees, incurred by the District as a result of the failure of Bradley to comply with the terms of this Agreement, including any successful demand or action of the District to enforce any of the terms of this Agreement; and

19. That it is understood and agreed that the provisions of this Agreement cannot be changed in any regard except in writing signed by authorized representatives of the parties to this Agreement; and

20. That Bradley shall continue to be bound by its obligations under this agreement, subsequent to the sale, assignment or transfer of any and all portions of the Development permitted herein and may not transfer or assign its obligations under this Agreement, without the prior written consent of the District, which shall not be unreasonably withheld; and

21. That this Agreement shall be submitted to the Circuit Court of the Twenty First Judicial Circuit, Kankakee County, Illinois, and upon approval thereof, shall be binding upon the parties hereto, their successors and assigns. The Village understands that no work may begin on said Development until this Agreement is executed; all initial fees referred to in paragraph 17 above are paid; and

22. That this Agreement has been executed in triplicate, each of which shall be considered an original.

DATED this 12th day of August, 2024.

Village of Bradley, Illinois

By: Michael Watson
President of the Board of Trustees

Attest: Kelli L Bz
Village Clerk

Manteno-Bourbonnais Union Drainage District 6

By: _____
Larry Blanchette, Commissioner

By: _____
Wayne Blanchette, Commissioner

By: _____
Scott Grise, Commissioner

Prepared By:
James D. Cottrell
James D. Cottrell Law office PC
505 W. University Ave., Suite 215
Champaign, IL 61820
217-693-4905
Jdc4@live.com

Exhibit A

District Facilities

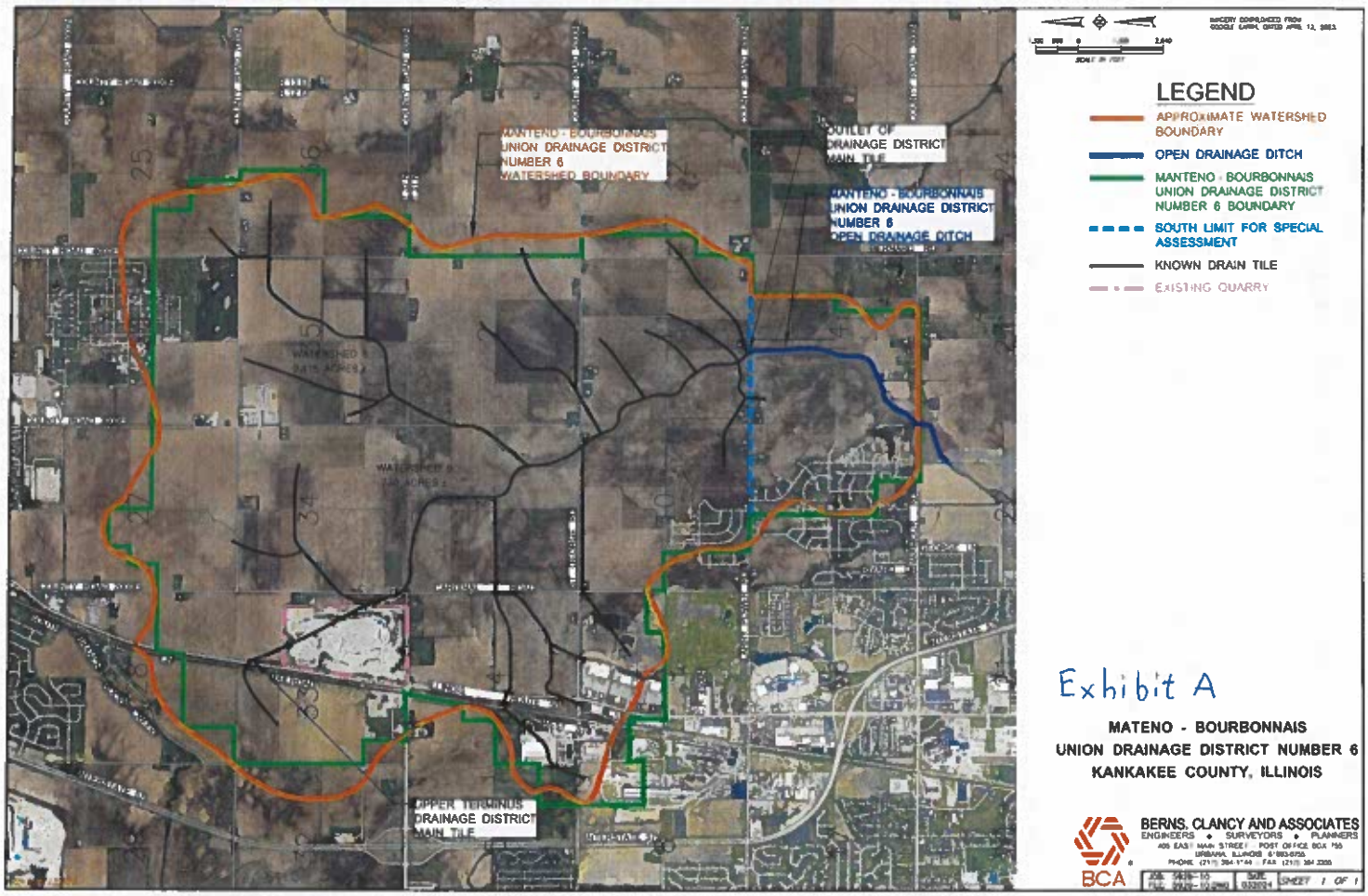

MANTENO - BOURBONNAIS
UNION DRAINAGE DISTRICT
NUMBER 6
WATERSHED BOUNDARY
OUTLET OF
DRAINAGE DISTRICT
MAIN TILE
MANTENO - BOURBONNAIS
UNION DRAINAGE DISTRICT
NUMBER 6
OPEN DRAINAGE DITCH
UPPER TERMINUS
DRAINAGE DISTRICT
MAIN TILE
LEGEND
APPROXIMATE WATERSHED BOUNDARY
OPEN DRAINAGE DITCH
MANTENO - BOURBONNAIS UNION DRAINAGE DISTRICT NUMBER 6 BOUNDARY
SOUTH LIMIT FOR SPECIAL ASSESSMENT
KNOWN DRAIN TILE
EXISTING QUARRY
Exhibit A
MATENO - BOURBONNAIS
UNION DRAINAGE DISTRICT NUMBER 6
KANKAKEE COUNTY, ILLINOIS
BERNS, CLANCY AND ASSOCIATES
ENGINEERS • SURVEYORS • PLANNERS
BCA
SHEET 1 OF 1

Exhibit B

The Development

SITE IMPROVEMENT PLANS
BRADLEY SPORTS COMPLEX
1750 E 5000N ROAD,
BRADLEY, IL 60914

Call Before You Dig
JULIE
1-800-892-0123

NOT INCLUDED

UTILITY AND GOVERNING AGENCY CONTACTS

ENGINEERING DEPARTMENT
M. GINGERICH DEREAUX & ASSOCIATES
240 N INDUSTRIAL DRIVE,
BRADLEY, IL 60915
TEL: (815) 939-4921
CONTACT: TODD DEREAUX, P.M.

SANITARY SEWER SERVICE
BRADLEY SEWER DEPARTMENT
147 S MICHIGAN AVE,
BRADLEY, IL 60915
TEL: (815) 933-7012
CONTACT: BRUCE PAGE

STORM SEWER SERVICE
BRADLEY SEWER DEPARTMENT
147 S MICHIGAN AVE,
BRADLEY, IL 60915
TEL: (815) 933-7012
CONTACT: BRUCE PAGE

WATER SERVICE
AQUA ILLINOIS WATER COMPANY
TEL: (815) 935-8800

ROADWAY AUTHORITY
VILLAGE OF BRADLEY
111 N. MICHIGAN AVE
BRADLEY, IL 60915
TEL: (815) 936-3100
CONTACT: CRAIG ANDERSON

POWER COMPANY
COMED
TEL: (800) 334-7661

NATURAL GAS COMPANY
NICOR
TEL: (888) 642-6748

TELEPHONE
SBC AMERITECH
TEL: (800) 244-4444

PROJECT TEAM

DEVELOPER
VILLAGE OF BRADLEY
111 N. MICHIGAN AVE
BRADLEY, IL 60915
TEL: (815) 936-3100
CONTACT: CRAIG ANDERSON

GEOTECH
ECS MIDWEST, LLC
1575 BARCLAY BOULEVARD
BUFFALO GROVE, IL 60089
TEL: (847) 279-0588
CONTACT: PENG WANG, P.E.

TRAFFIC ENGINEER
KIMLEY-HORN
4201 WINFIELD RD SUITE 600,
WARRENVILLE, IL 60555
TEL: (630) 487-3380
CONTACT: RORY FANCLER, AICP, PTP

ENVIRONMENTAL ENGINEER
ENCAP
2380 WAGNER COURT
DEKALB, IL 60115
TEL: (815) 748-4500
CONTACT: SUSIE ROWLEY, PWS, LEED ISA

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
570 LAKE COOK RD, SUITE 200
DEERFIELD, IL 60015
TEL: (847) 280-7804
EMAIL: PETER.STOEHR@KIMLEY-HORN.COM
CONTACT: PETER STOEHR, P.E.

LANDSCAPE ARCHITECT
KIMLEY-HORN AND ASSOCIATES, INC.
4201 WINFIELD ROAD, SUITE 600
WARRENVILLE, IL 60555
TEL: (630) 487-3550
EMAIL: DANIEL.GROVE@KIMLEY-HORN.COM
CONTACT: DANIEL GROVE, P.L.A

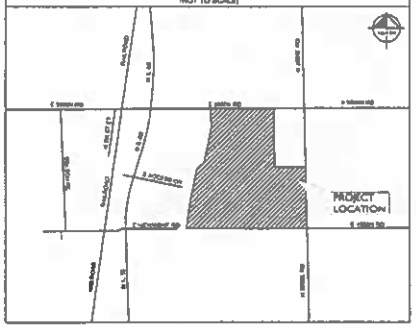
SURVEYOR
M GINGERICH DEREAUX & ASSOCIATES
240 N INDUSTRIAL DR
BRADLEY, IL 60915
TEL: (815) 939-4921
CONTACT: MARK J. SHIERHOLZ, P.L.S.

LEGAL DESCRIPTION

PART OF THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 31 NORTH, RANGE 12, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN KANKAKEE, ILLINOIS.

LOCATION MAP

NOT TO SCALE



Sheet List Table

Sheet Number	Sheet Title
[illegible]	COVER SHEET
[illegible]	GENERAL NOTES
[illegible]	ADA ILLINOIS CHECKLIST NOTES
[illegible]	EXISTING CONDITIONS & DEMOLITION PLAN
[illegible]	EXISTING CONDITIONS & DEMOLITION PLAN
[illegible]	EXISTING CONDITIONS & DEMOLITION PLAN
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GENERAL NOTES

EARTHWORK NOTES

PAVING NOTES

SIGNAGE AND PAVEMENT MARKING NOTES

SANITARY SEWER NOTES

STORM SEWER NOTES

WATERMAIN NOTES

ADA GENERAL NOTES

AQUA AMERICA GENERAL NOTES

1	ISSUED FOR COUNTY REVIEW	03/30/21
2	ISSUED FOR COUNTY REVIEW	03/30/21
3	ISSUED FOR COUNTY REVIEW	03/30/21
4	ISSUED FOR COUNTY REVIEW	04/07/21
5	ISSUED FOR COUNTY REVIEW	04/14/21

Kimley»Horn

BRADLEY

BRADLEY SPORTS COMPLEX

1700 E KEOR ROAD
BOURBONNAIS, IL 60914

GENERAL NOTES

ORIGINAL ISSUE: 01/08/2021
KHA PROJECT NO.: 069600001

SHEET NUMBER
C0.1

ISSUED FOR BID

AQUA ILLINOIS INC.

STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF WATER MAIN

[illegible]

Kimley»Horn

BRADLEY

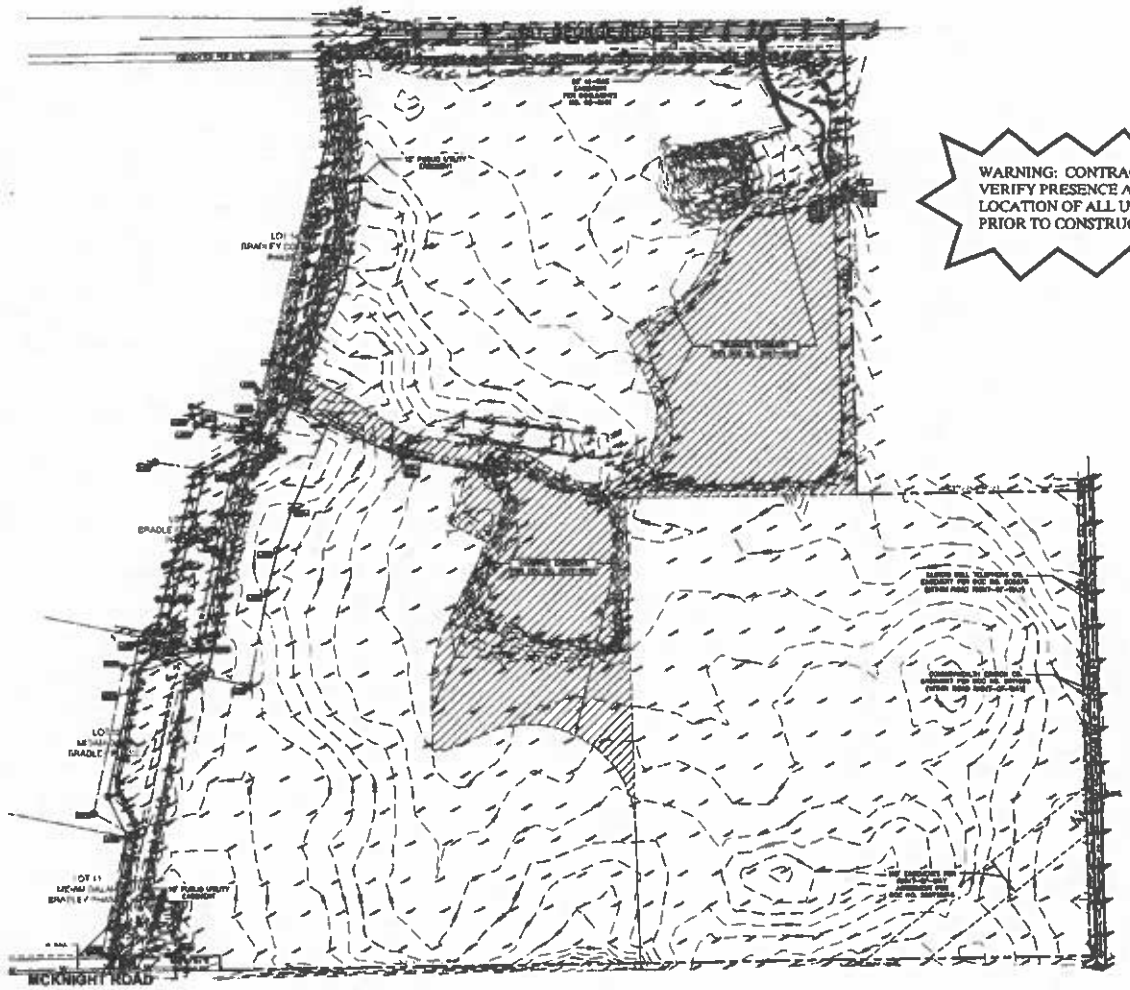
BRADLEY SPORTS COMPLEX

AQUA ILLINOIS GENERAL NOTES

SHEET NUMBER

C0.2

ISSUED FOR BID



WARNING: CONTRACTOR TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

NORTH

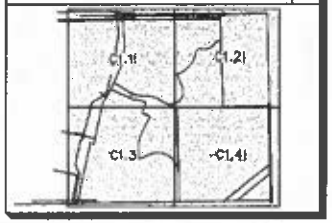
GRAPHIC SCALE IN FEET
0 75 150 300

Call Before You Dig
JULIE
1-800-892-0123

DEMOLITION NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED.
2. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
3. THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE DEMOLITION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE DEMOLITION PHASES OF THIS PROJECT. CONTRACTOR SHALL NOT DISTURB ANYTHING OUTSIDE THE DRAWN LEASE/PROPERTY LINE UNLESS SPECIFICALLY MENTIONED ON THIS SHEET.
4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND SHOWN PHYSICAL MEASUREMENTS WHICH IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
5. IF DEMOLITION OR CONSTRUCTION ON SITE WILL INTERFERE WITH THE ADJACENT PROPERTY OWNER'S TRAFFIC FLOW, THE CONTRACTOR SHALL COORDINATE WITH ADJACENT PROPERTY OWNER. TO MINIMIZE THE IMPACT ON TRAFFIC FLOW. TEMPORARY RE-ROUTING OF TRAFFIC IS TO BE ACCOMPLISHED BY USING SUCH APPROVED TRAFFIC BARRICADES, BARRELS, AND/OR CONES. TEMPORARY SIGNAGE AND FLAGMEN MAY BE ALSO NECESSARY.
6. QUANTITIES SHOWN ON THIS SHEET SHALL SERVE AS A GUIDE ONLY. CONTRACTOR TO VERIFY ALL DEMOLITION QUANTITIES.
7. REFER TO ADDITIONAL REPORT PROVIDED BY O'BRIEN FOR ALL SUBSURFACE INFORMATION.
8. EROSION CONTROL MUST BE CONSTRUCTED PRIOR TO ANY WORK ON SITE INCLUDING DEMOLITION.
9. THE EXTENT OF SITE DEMOLITION WORK IS AS SHOWN ON THE CONTRACT DOCUMENTS AND AS DIRECTED HEREIN.
10. CONTRACTOR MUST OBTAIN APPROVAL FROM CIVIL ENGINEER AND GEOTECHNICAL ENGINEER FOR THE MATERIAL, TYPE AND USE OF EXCAVATED DEBRIS TO BURIED BUILDING SITE PORTIONS AS STRUCTURAL FILL.
11. EXISTING UTILITIES, SHOWN DO NOT REFLECT EXPERIENCE BEING DISCONNECTED, ARE TO BE KEPT IN SERVICE AND PROTECTED DURING THE ENTIRE BUILDING DEMOLITION OPERATIONS. CONTRACTOR SHALL ARRANGE FOR SHUT-OFF OF UTILITIES BEFORE STARTING DEMOLITION TO BE DEMOLISHED. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING CITY, CONSUMERS, AND SEALING REDUCED UTILITIES BEFORE STARTING DEMOLITION OPERATIONS. EXISTING UTILITIES TO BE ABANDONED ARE TO BE CAPPED AT BOTH ENDS AND FILLED WITH FLOWFILL OR APPROVED EQUAL. ALL UNDERGROUND PIPELINES TO BE REMOVED ARE TO BE BACKFILLED WITH ENGINEERED FILL OR SELECT SEDIMENTED MATERIAL, AS APPROVED BY THE GEOTECHNICAL ENGINEER, TO THE OF MODIFIED PROCTOR DENSITY WITHIN THREE FEET ABOVE AND TO 90% OF MODIFIED PROCTOR DENSITY FOR OTHER SPACE ABOVE, IN ACCORDANCE WITH THE CONTRACTOR'S SPECIFICATIONS. ALL PRIVATE UTILITIES (ELECTRIC, CABLE, TELEPHONE, FIBER OPTIC, ETC) SHALL BE REMOVED AND RELOCATED PER THE UTILITY OWNER AND THE LOCAL MUNICIPALITY'S REQUIREMENTS.
12. UNDERGROUND UTILITIES SHOWN ARE BASED ON ABANDON AND AVAILABLE INFORMATION PROVIDED AT THE TIME OF SURVEY. CONTRACTOR SHALL CALL JULIE (1-800-892-0123) TO DETERMINE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE BEGINNING MATERIALS OR EXCAVATION CONSTRUCTION. ADVISE OWNERS OF ANY DAMAGE AND/OR INSTALLS. CONTRACTOR SHALL LOCATE AND PROTECT EXISTING UNDERGROUND AND OVERHEAD UTILITIES DURING CONSTRUCTION. UTILITY PROTECTION SHALL BE COORDINATED WITH THE REPRESENTATIVE UTILITY OWNER AND AS DIRECTED BY THE ENGINEER. DAMAGED UNDERGROUND UTILITIES SHALL BE REPLACED IMMEDIATELY. ALL EXISTING STRUCTURES TO REMAIN SHALL BE PROTECTED. ALL DAMAGED STRUCTURES SHALL BE REPAIRED. DAMAGED STRUCTURES SHALL BE REPLACED IN-KIND AND THE REPLACEMENT COST SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. PROPER NOTIFICATION TO THE OWNER OF THE UTILITIES UTILITIES SHALL BE MADE AT LEAST 48 HOURS PRIOR TO ANY WORK TAKES PLACE.
13. USE WATER SPRINKLING, TEMPORARY BARRIERS, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR TO A LOWEST LEVEL. COMPLY WITH ALL GOVERNMENT REGULATIONS PERTAINING TO BARRICADES, FENCING, SEE EROSION CONTROL SHEETS FOR FURTHER EROSION CONTROL RECOMMENDATIONS.
14. COMPLETELY FILL BELOW-GRADE AREAS AND TOPS RESULTING FROM EXCAVATION OF FOUNDATIONS TO THE BASE, LINES AND GRADES SHOWN ON THE CONTRACT DOCUMENTS. BACKFILL MATERIAL SHALL BE FREE OF ORGANIC MATERIAL, UNSUITABLE SOIL, AND ROCK. PRIOR TO THE COMMENCEMENT OF THE BACKFILL OPERATION OF STONE, GRAVEL, AND ROCK, FREE FROM DEBRIS, STRAWS, WOODS, VEGETABLE MATTER, AND ANY OTHER UNSUITABLE MATERIAL, THE PLACEMENT OF FILL MATERIALS SHALL NOT BEGIN TO BE FILLED AND THICK OF BURIED UTILITIES, WHICH PROVIDE MATERIAL, DRAIN AND DRAINS. PLACE FILL MATERIALS IN HORIZONTAL LAYERS NOT EXCEEDING 8" IN LOOSE DEPTH, COMPACT EACH LAYER AT MOISTURE CONDITION OR WITHIN 2% OF OPTIMUM TO THE OF MODIFIED PROCTOR DENSITY UNLESS SUBSURFACE INFORMATION THAT NOT REQUIRED.

KEY MAP



NO.	REVISIONS	DATE	BY
A	BID SET - ISSUED FOR CLIENT REVIEW	08/26/24	CT
A	BID SET - ISSUED FOR CLIENT REVIEW	09/09/24	LT
A	BID SET - ISSUED FOR CLIENT REVIEW	09/26/24	CT
A	BID SET - ISSUED FOR CLIENT REVIEW	01/08/25	DG

BULLETIN 1

Kimley»Horn

SCALE: AS NOTED
DESIGNED BY: DGG
DRAWN BY: DGF
REVIEWED BY: CJT

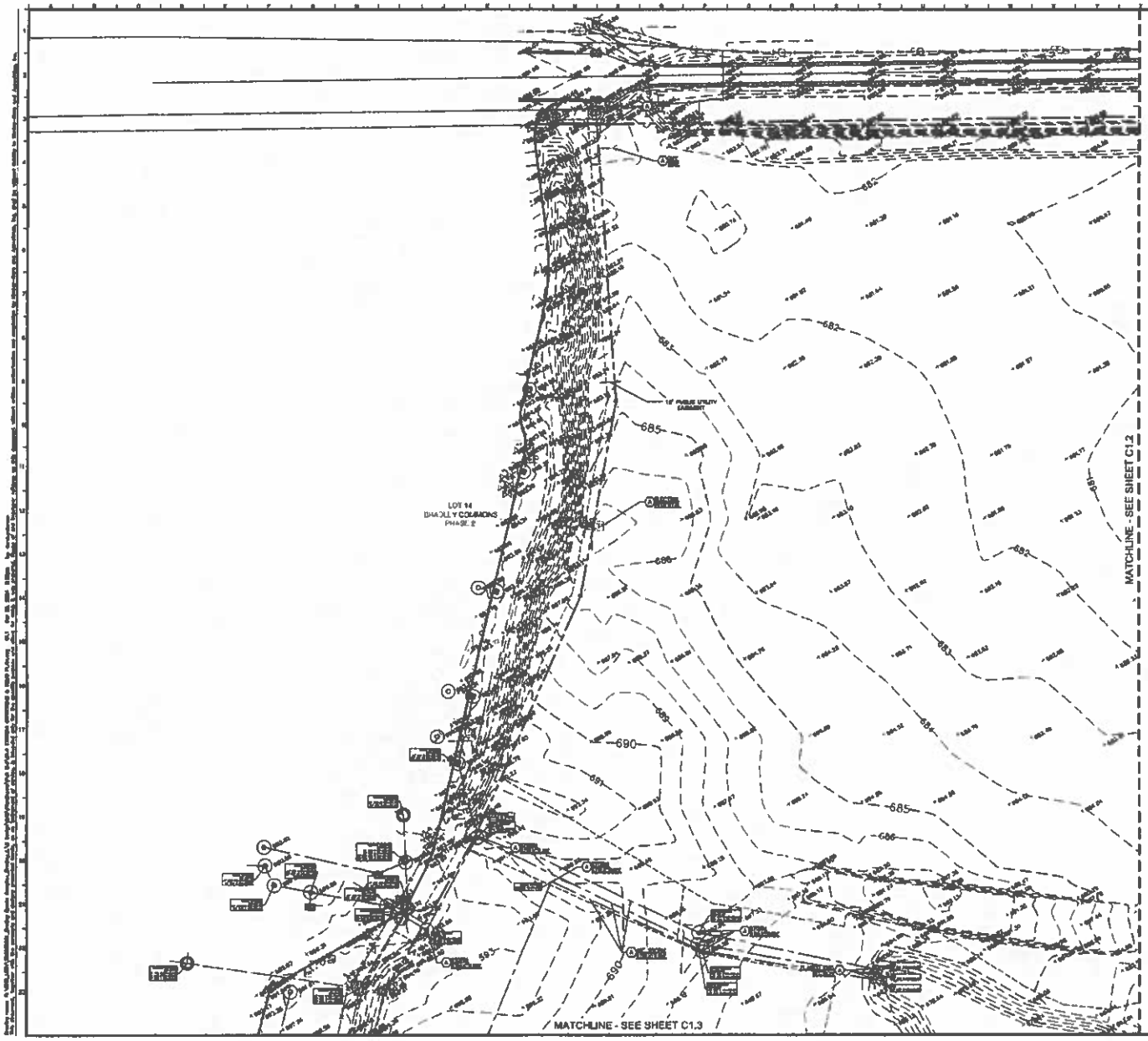
BRADLEY

EXISTING CONDITIONS & DEMOLITION PLAN

BRADLEY SPORTS COMPLEX
1700 E DIXON ROAD
BOURBONNAIS, IL 60914

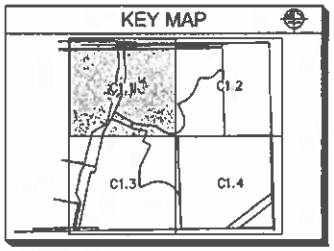
ORIGINAL ISSUE: 01/08/2024
KHA PROJECT NO.: 245000000
SHEET NUMBER: C1.0

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



DEMOLITION LEGEND

- ITEM TO REMAIN, PROTECT DURING CONSTRUCTION
- X-X-X- UTILITY REMOVAL
- ITEM TO BE REMOVED
- GRAVEL REMOVAL

REVISIONS			
1	SUE - ISSUED FOR CLIENT REVIEW	03/20/24	ET
2	PDC - ISSUED FOR CLIENT REVIEW	03/28/24	ET
3	PDC - ISSUED FOR CLIENT REVIEW	03/28/24	ET
4	SUE - ISSUED FOR CLIENT REVIEW	03/28/24	DG
5	SUE - ISSUED FOR CLIENT REVIEW	03/28/24	BV

Kimley»Horn

BRADLEY

EXISTING CONDITIONS & DEMOLITION PLAN

BRADLEY SPORTS COMPLEX

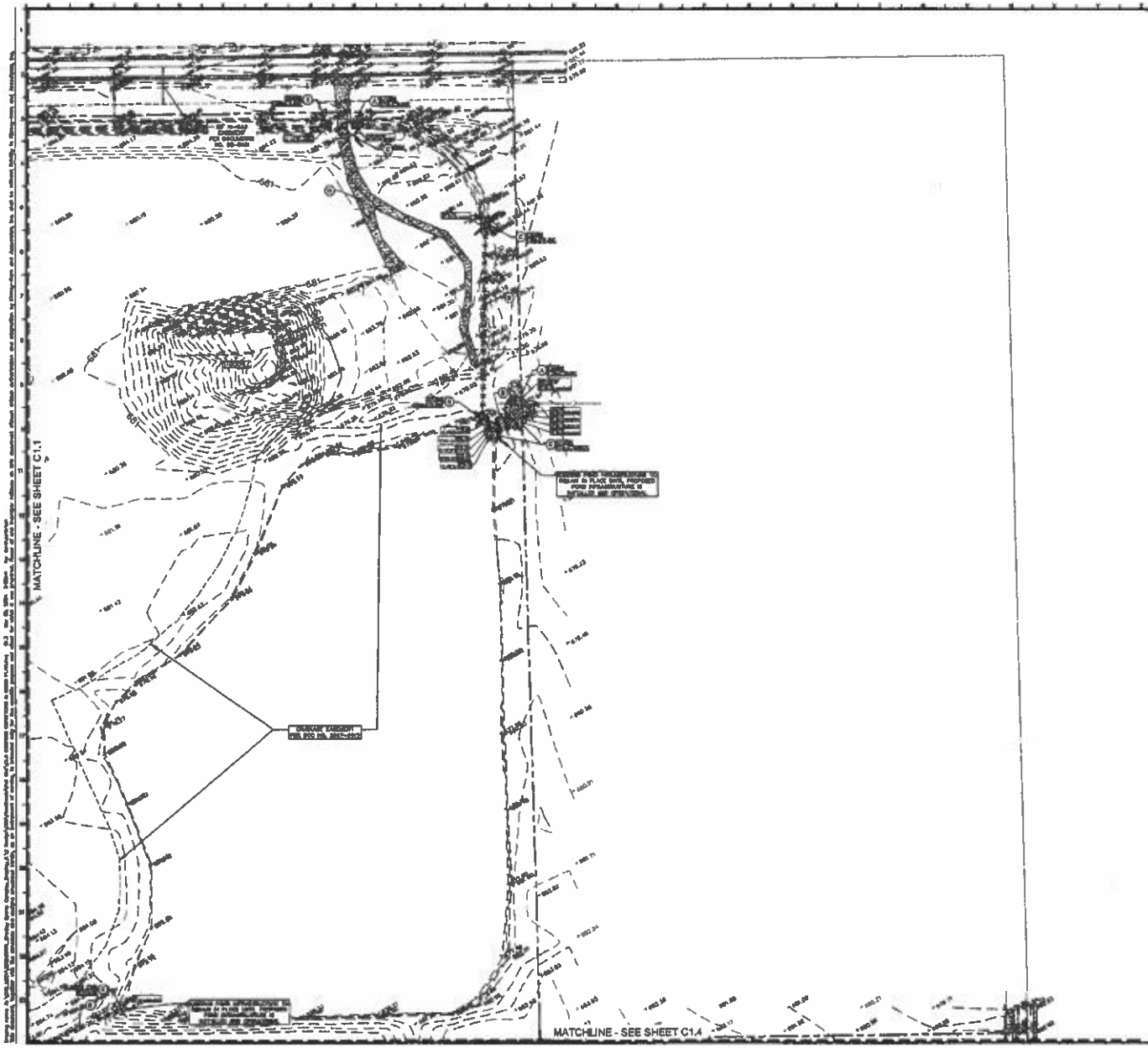
1700 E BRADY ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE:
03/28/2024

KHA PROJECT NO.
[illegible]

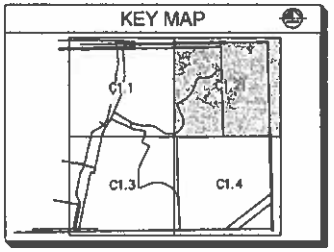
SHEET NUMBER
C1.1

ISSUED FOR BID



Call Before You Dig
TULE
1-800-642-2123

KEY MAP



DEMOLITION LEGEND

- ITEM TO REMAIN PROTECT DURING CONSTRUCTION
- UTILITY REMOVAL
- ITEM TO BE REMOVED
- GRAVEL REMOVAL

Kimley»Horn

BRADLEY

EXISTING CONDITIONS & DEMOLITION PLAN

BRADLEY SPORTS COMPLEX

1750 E BIXBY ROAD
BROKEN ARROW, OK 74014

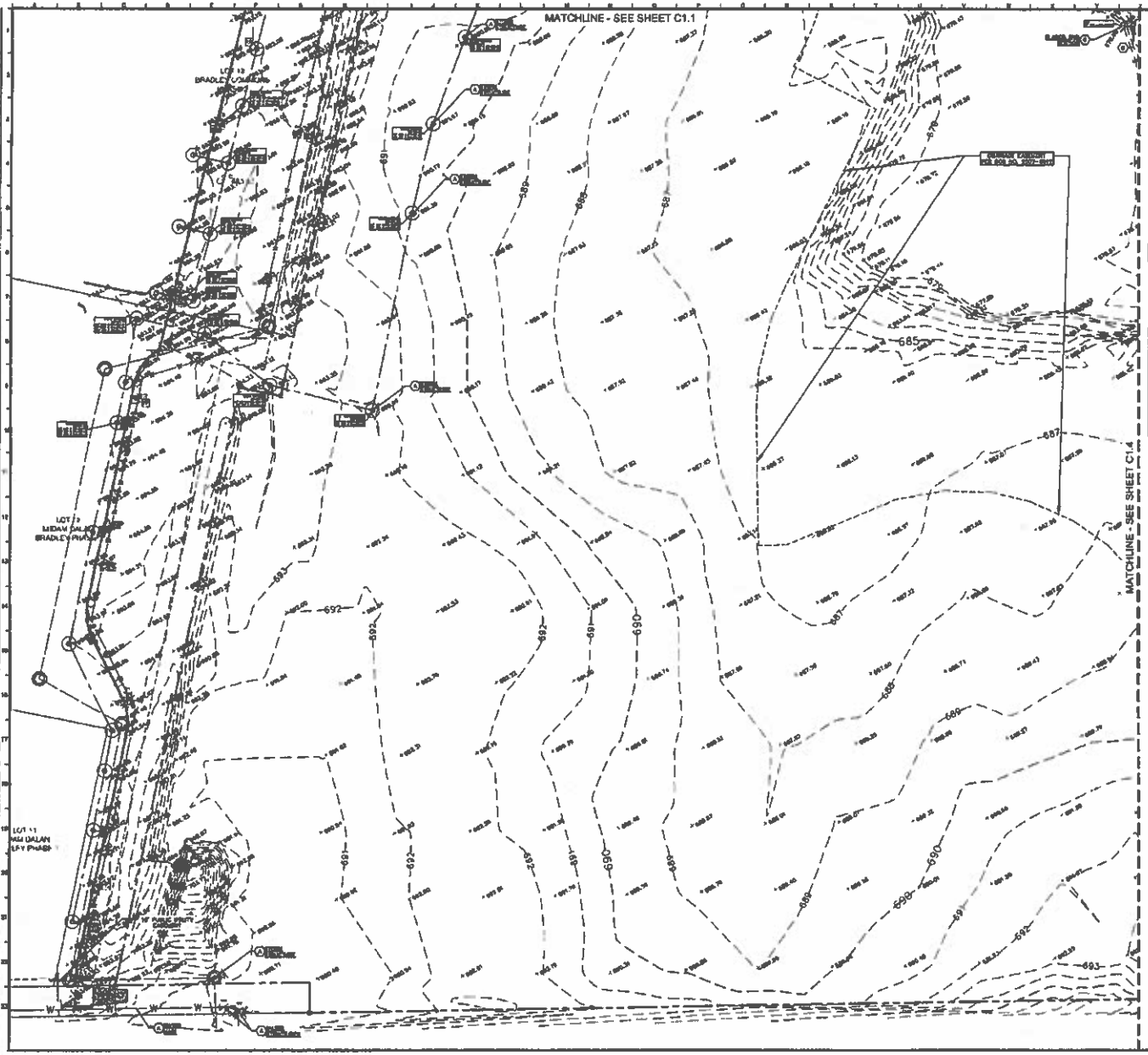
ORIGINAL ISSUE:

KHA PROJECT NO.

SHEET NUMBER

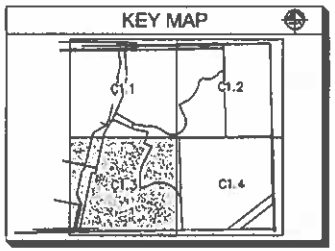
C1.2

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



DEMOLITION LEGEND

- ITEM TO REMAIN, PROTECT DURING CONSTRUCTION
- X-X-X- UTILITY REMOVAL
- ITEM TO BE REMOVED
- GRAND. REMOVAL

REVISIONS		
A	SUBMITTAL 1	
A	30% - ISSUED FOR CLIENT REVIEW	03/20/24 ET
A	50% - ISSUED FOR CLIENT REVIEW	03/29/24 ET
A	75% - ISSUED FOR CLIENT REVIEW	05/06/24 ET
A	90% - ISSUED FOR CLIENT REVIEW	06/06/24 DG
A	100% - ISSUED FOR CLIENT REVIEW	06/20/24 BF

Kimley»Horn

BRADLEY

EXISTING CONDITIONS & DEMOLITION PLAN

BRADLEY SPORTS COMPLEX

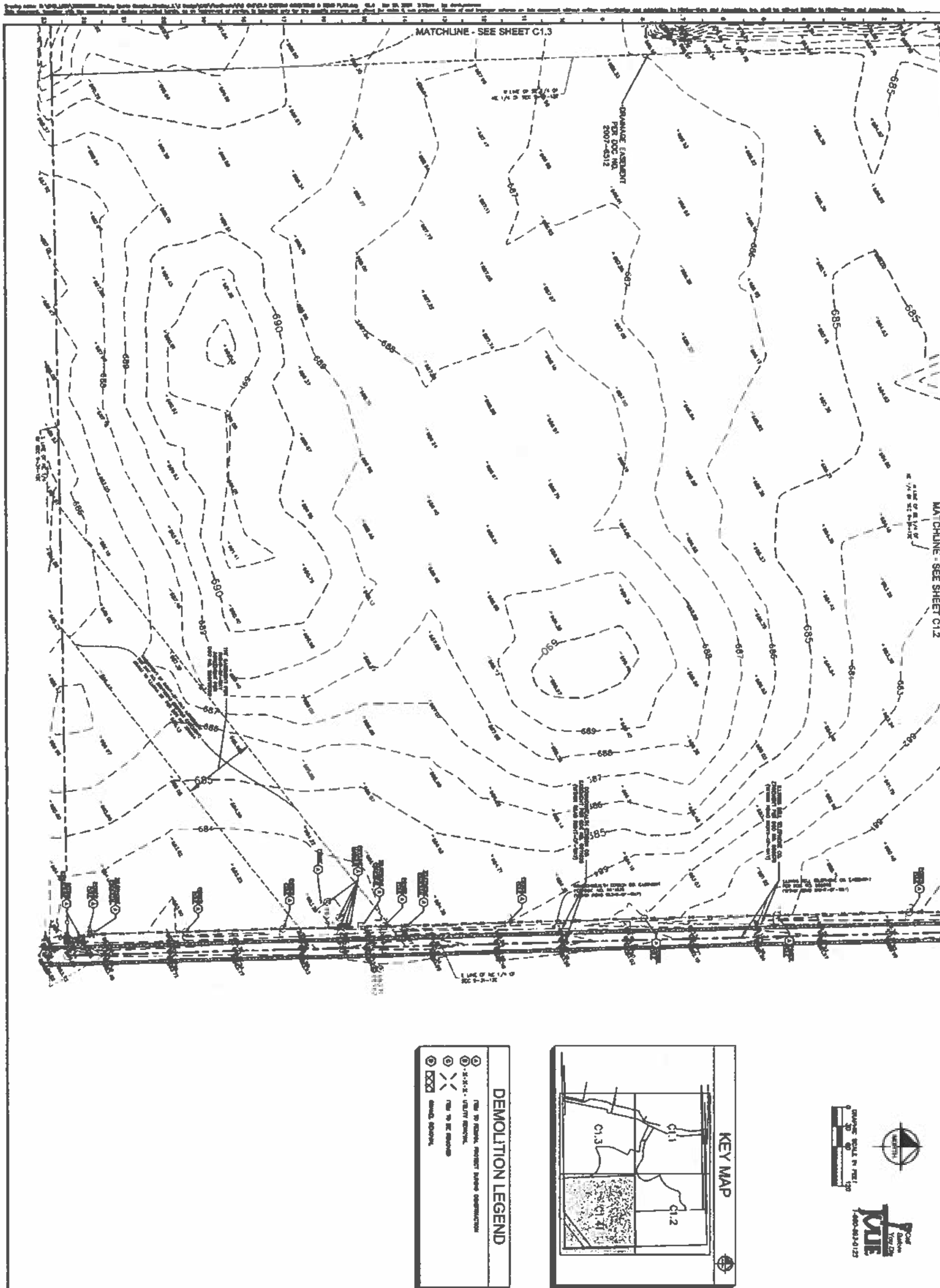
ORIGINAL ISSUED: 04/05/2024

KHA PROJECT NO. 289600004

SHEET NUMBER

C1.3

ISSUED FOR BID



No.	REVISIONS	DATE	BY
4	BULLETIN 1	03/28/24	CT
3	90% - ISSUED FOR CLIENT REVIEW	03/05/24	CT
2	75% - ISSUED FOR CLIENT REVIEW	02/05/24	CT
1	60% - ISSUED FOR CLIENT REVIEW	01/25/24	DB

Kimley»Horn

BRADLEY

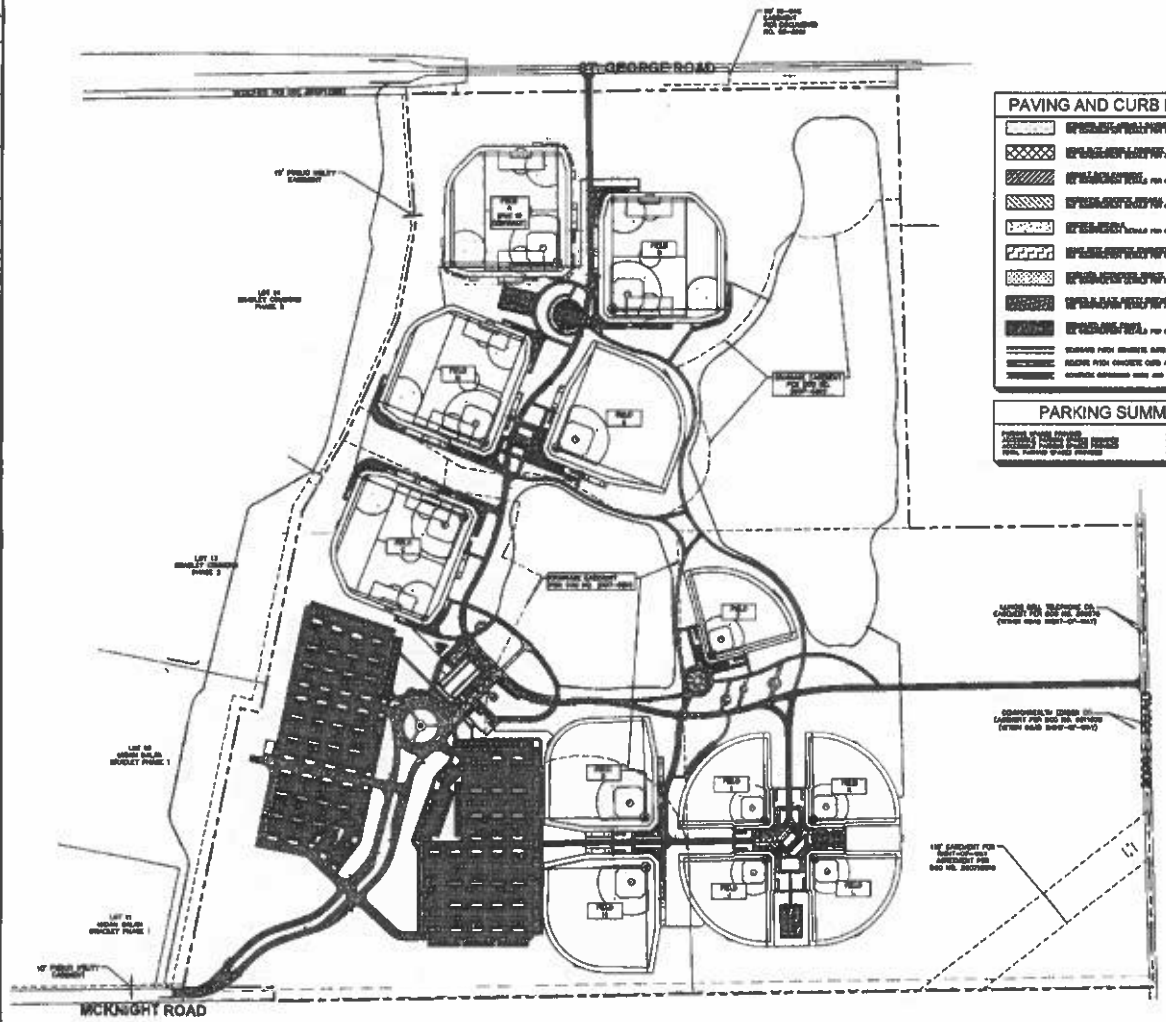
EXISTING CONDITIONS & DEMOLITION PLAN

BRADLEY SPORTS COMPLEX

1759 E 5000N ROAD
BOURBONNAIS, IL 60914

C1.4

ISSUED FOR BID



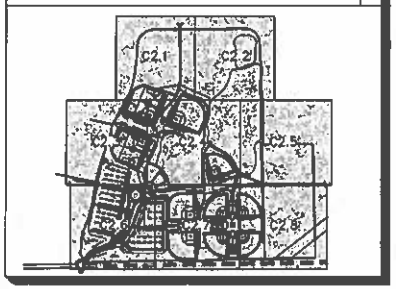
PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- STANDARD PATCH CONCRETE CURB AND GUTTER
- REMOVE PATCH CONCRETE CURB AND GUTTER
- CONTROL EXPANSION CURB AND GUTTER

PARKING SUMMARY

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

KEY MAP



GENERAL NOTES

1. ALL DIMENSIONS REFER TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
2. BUILDING DIMENSIONS ARE TO THE OUTSIDE FACE OF BUILDING UNLESS OTHERWISE NOTED.
3. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS TO VERIFY ALL BUILDING DIMENSIONS.
4. RAMP ADJACENT TO PARKING STALL AND NOT DIMENSIONED ON THIS PLAN SHALL BE 3-FEET. TYPICAL.
5. REFER TO ARCHITECTURAL PLANS FOR MONUMENT SIGN DETAILS. SEE MEP PLANS FOR SITE ELECTRICAL DRAWINGS.
6. ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.

No.	REVISIONS	DATE	BY
A	BULLETIN 1		
A	SUE – ISSUED FOR CLIENT REVIEW	03/20/24	CT
A	PB – ISSUED FOR CLIENT REVIEW	05/06/24	CT
A	SUE – ISSUED FOR CLIENT REVIEW	05/08/24	CT
A	SUE – ISSUED FOR CLIENT REVIEW	05/08/24	DG

Kimley»Horn

BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX

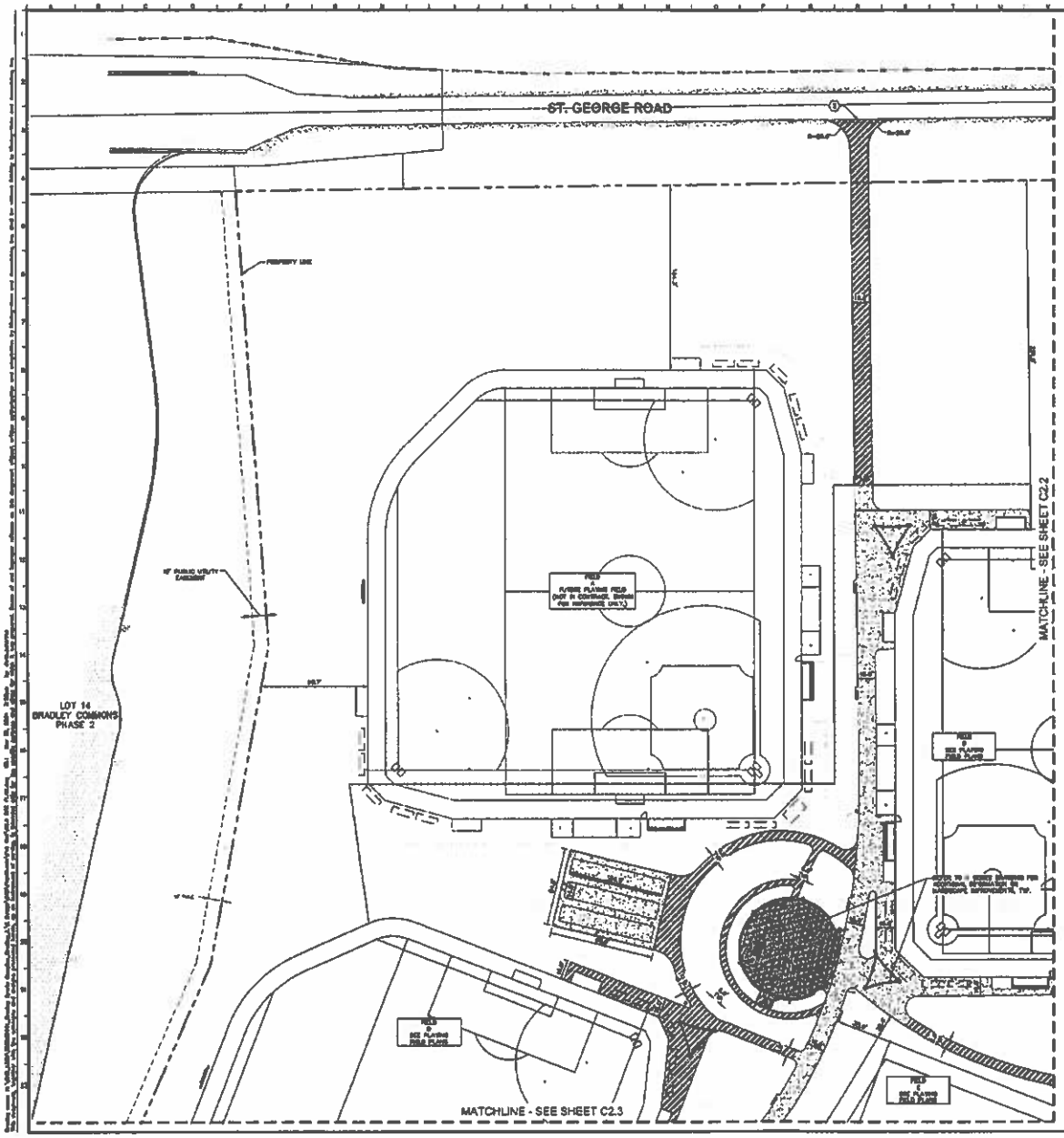
1790 S. MOSER ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUED
01/08/2024

HHA PROJECT NO.
[illegible]

SHEET NUMBER
C2.0

ISSUED FOR BID

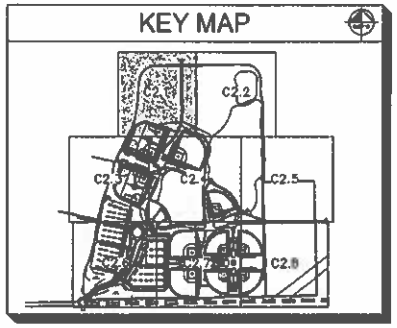


GRAPHIC SCALE IN FEET
0 20 40 80

NORTH

Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



KEY NOTES

1. 6x1.5 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]
	[illegible]

REVISIONS		
1	SUE - ISSUED FOR CLIENT REVIEW	02/20/24
2	SUE - ISSUED FOR CLIENT REVIEW	03/20/24
3	TRB - ISSUED FOR CLIENT REVIEW	03/29/24
4	SUE - ISSUED FOR CLIENT REVIEW	04/04/24

Kimley»Horn

BRADLEY

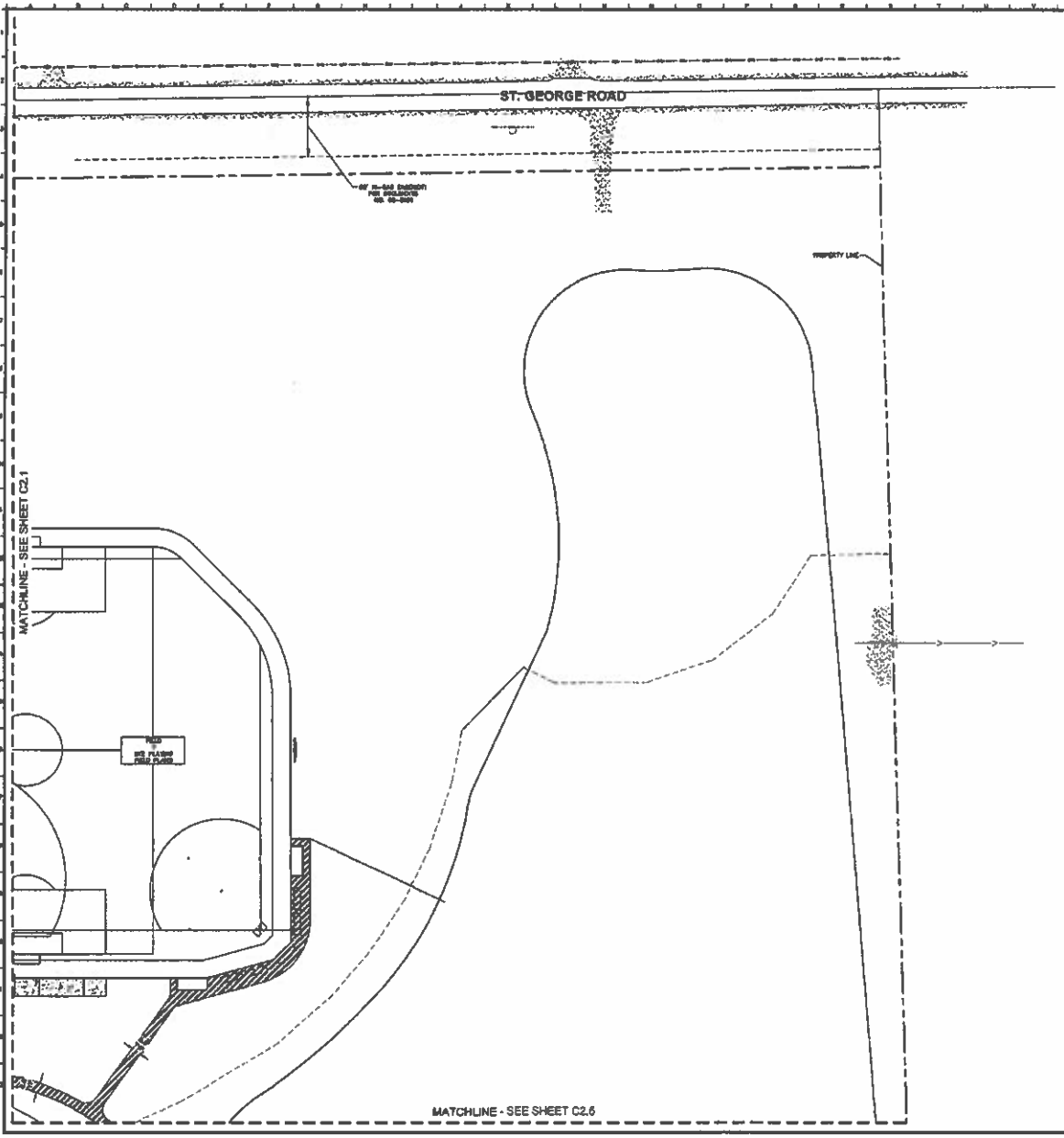
SITE PLAN

BRADLEY SPORTS COMPLEX
1776 E BOSCH ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/08/2024
KHA PROJECT NO. 096200001

SHEET NUMBER
C2.1

ISSUED FOR BID

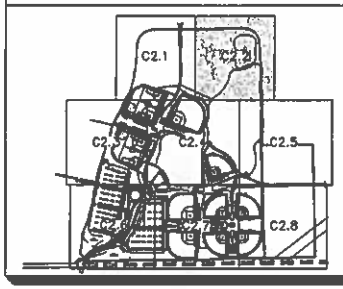


NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



KEY NOTES

1. 6x12 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC SYMBOLS (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- STANDARD PRECAST CONCRETE CURB AND GUTTER
- REVERSE PRECAST CONCRETE CURB AND GUTTER
- CONCRETE EXPANSION CURB AND GUTTER

4	90% — ISSUED FOR CLIENT REVIEW	03/08/24	CT
3	60% — ISSUED FOR CLIENT REVIEW	02/01/24	CT
2	30% — ISSUED FOR CLIENT REVIEW	09/08/23	CT
1	30% — ISSUED FOR CLIENT REVIEW	08/18/23	CT
	REVISIONS	DATE	BY

Kimley»Horn

SCALE: AS SHOWN
DESIGNED BY: CDD
DRAWN BY: SAP
CHECKED BY: CJT

BRADLEY

SITE PLAN

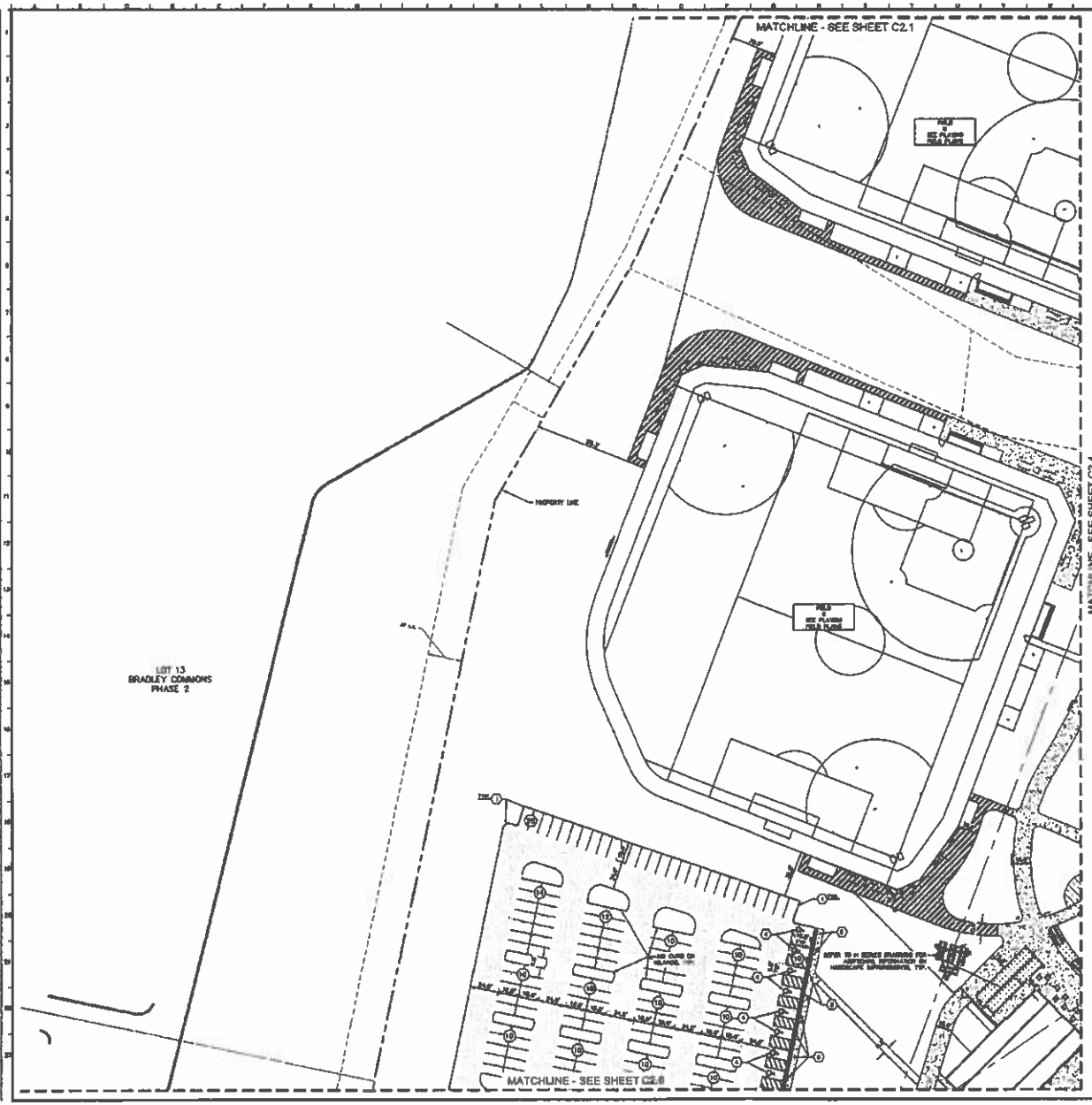
BRADLEY SPORTS COMPLEX

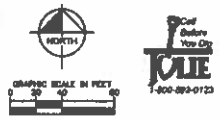
1700 E. GEORGE ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/08/2024
KHA PROJECT NO. 268600001

SHEET NUMBER
C2.2

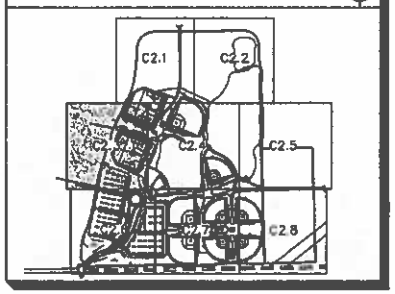
ISSUED FOR BID





Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



KEY NOTES

1. 6x12 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- [illegible] PAVEMENT SERVICE
- VERTICAL FACE CONCRETE CURB AND GUTTER
- REVERSE FACE CONCRETE CURB AND GUTTER
- CONCRETE DEPRESSED CURB AND GUTTER

No.	REVISIONS	DATE	BY
1	DOE - ISSUED FOR CLIENT REVIEW	03/05/24	ET
2	DOE - ISSUED FOR CLIENT REVIEW	05/06/24	ET
3	TRC - ISSUED FOR CLIENT REVIEW	06/06/24	ET
4	DOE - ISSUED FOR CLIENT REVIEW	07/05/24	DO
5	DOE - ISSUED FOR CLIENT REVIEW	07/05/24	ET

Kimley»Horn

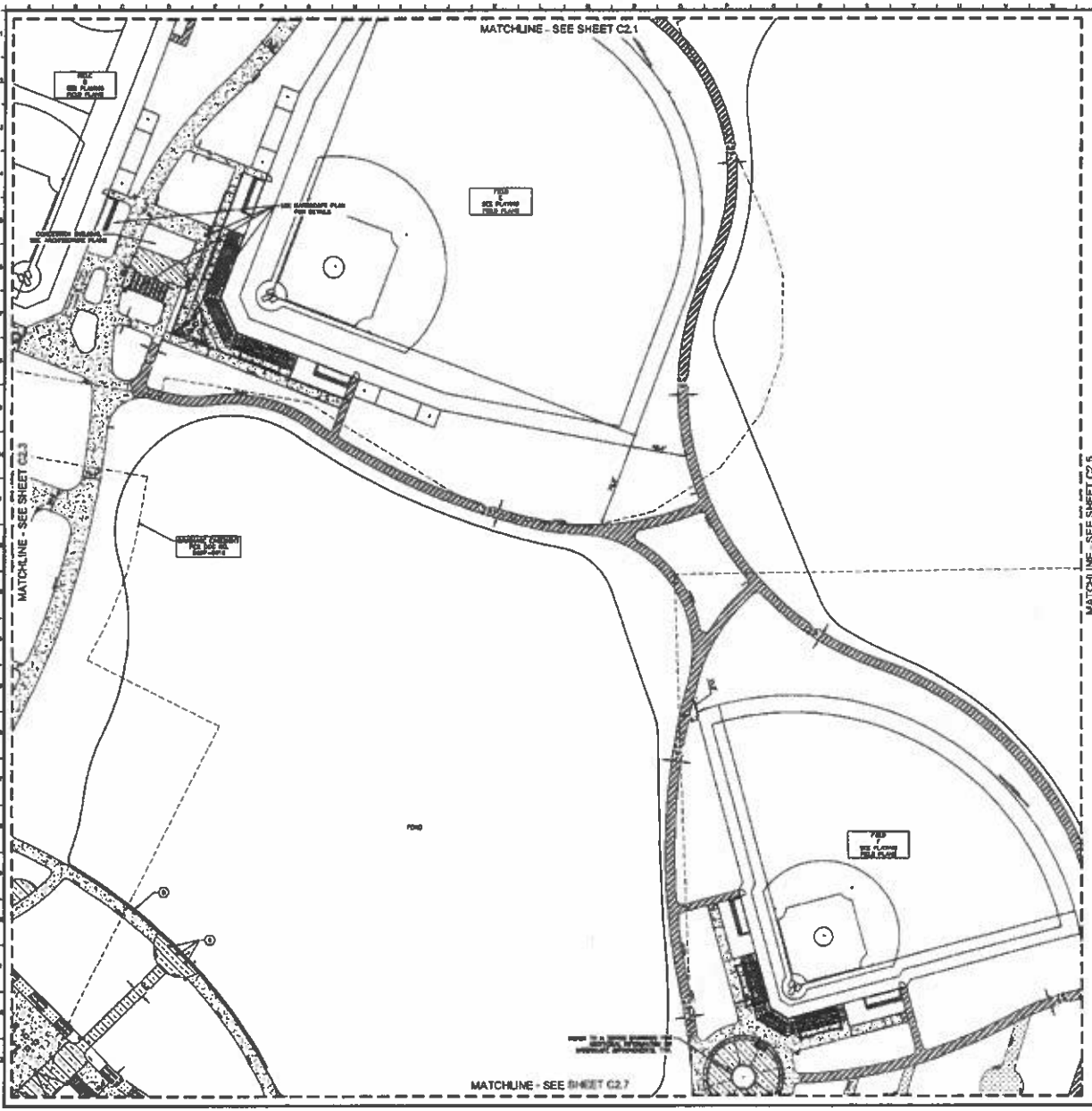
BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX
1755 E BRADY ROAD
BOURBONNAIS, IL 60914

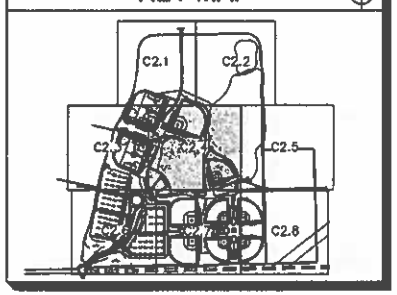
ORIGINAL ISSUE: 03/08/2024
KHA PROJECT NO. 289008001
SHEET NUMBER
C2.3

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



KEY NOTES

1. 6x12 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKING, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

BULLETIN #	DATE	DESCRIPTION	BY
1	03/29/24	ISSUED FOR CLIENT REVIEW	ET
2	05/06/24	ISSUED FOR CLIENT REVIEW	ET
3	06/06/24	ISSUED FOR CLIENT REVIEW	ET
4	08/05/24	ISSUED FOR CLIENT REVIEW	DG
5	09/06/24	ISSUED FOR BID	BR

Kimley»Horn

AS NOTED
DESIGNED BY: KDG
DRAWN BY: DJF
CHECKED BY: ET, DJF

BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX
1775 S. SCHUH ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/05/2024
KHA PROJECT NO. 289600001
SHEET NUMBER
C2.4

ISSUED FOR BID

MATCHLINE - SEE SHEET C2.2

MATCHLINE - SEE SHEET C2.4

MATCHLINE - SEE SHEET C2.6

PROPERTY LINE

2000 S. ROAD

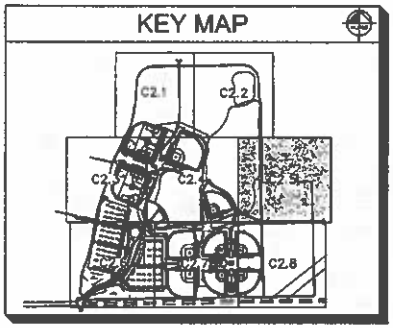
NORTH

GRAPHIC SCALE IN FEET

0 20 40 80

Call Before You Dig. JULIE 1-800-892-0123

KEY MAP



KEY NOTES

1. 6ft.12 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
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- [illegible]
- [illegible]
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No.	Revisions	Date	By
1	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]

Kimley»Horn

BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX

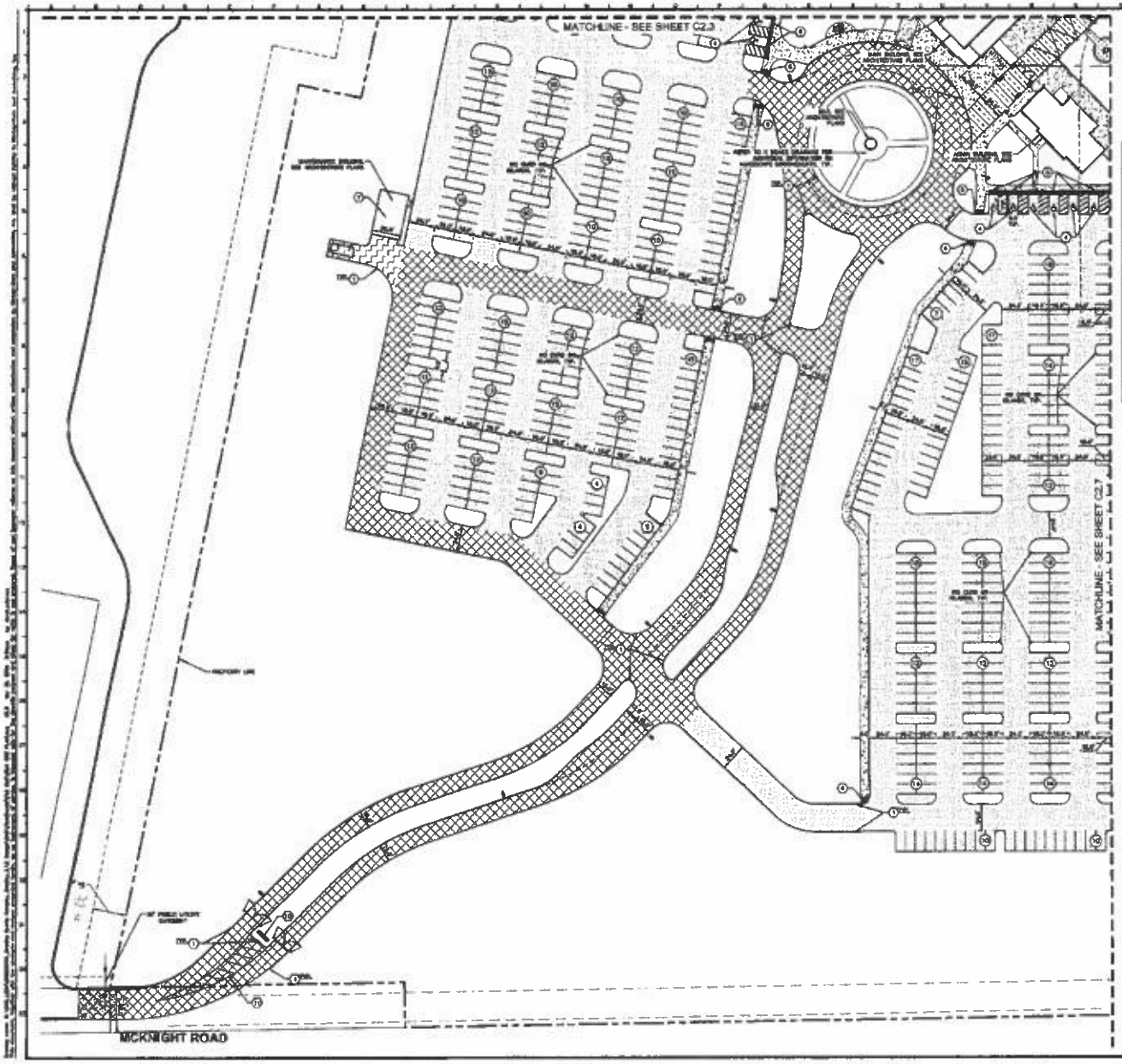
1701 S. ROSIN ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE:
02/08/2021

KHA PROJECT NO.
[illegible]

SHEET NUMBER
C2.5

ISSUED FOR BID

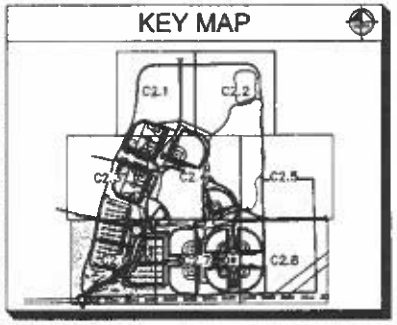


GRAPHIC SCALE IN FEET

NORTH

Call before you dig
1-800-892-0123

KEY MAP



KEY NOTES

1. SALSA CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (SIGNED R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. SPARK COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. PLAN POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
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DATE	REVISIONS	BY
02/05/24	BULLETIN 1	EI
03/05/24	SUE -- ISSUED FOR CLIENT REVIEW	EI
03/06/24	PRE -- ISSUED FOR CLIENT REVIEW	EI
04/05/24	SUE -- ISSUED FOR CLIENT REVIEW	DA
05/05/24	SUE -- ISSUED FOR CLIENT REVIEW	EI

Kimley»Horn

BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX

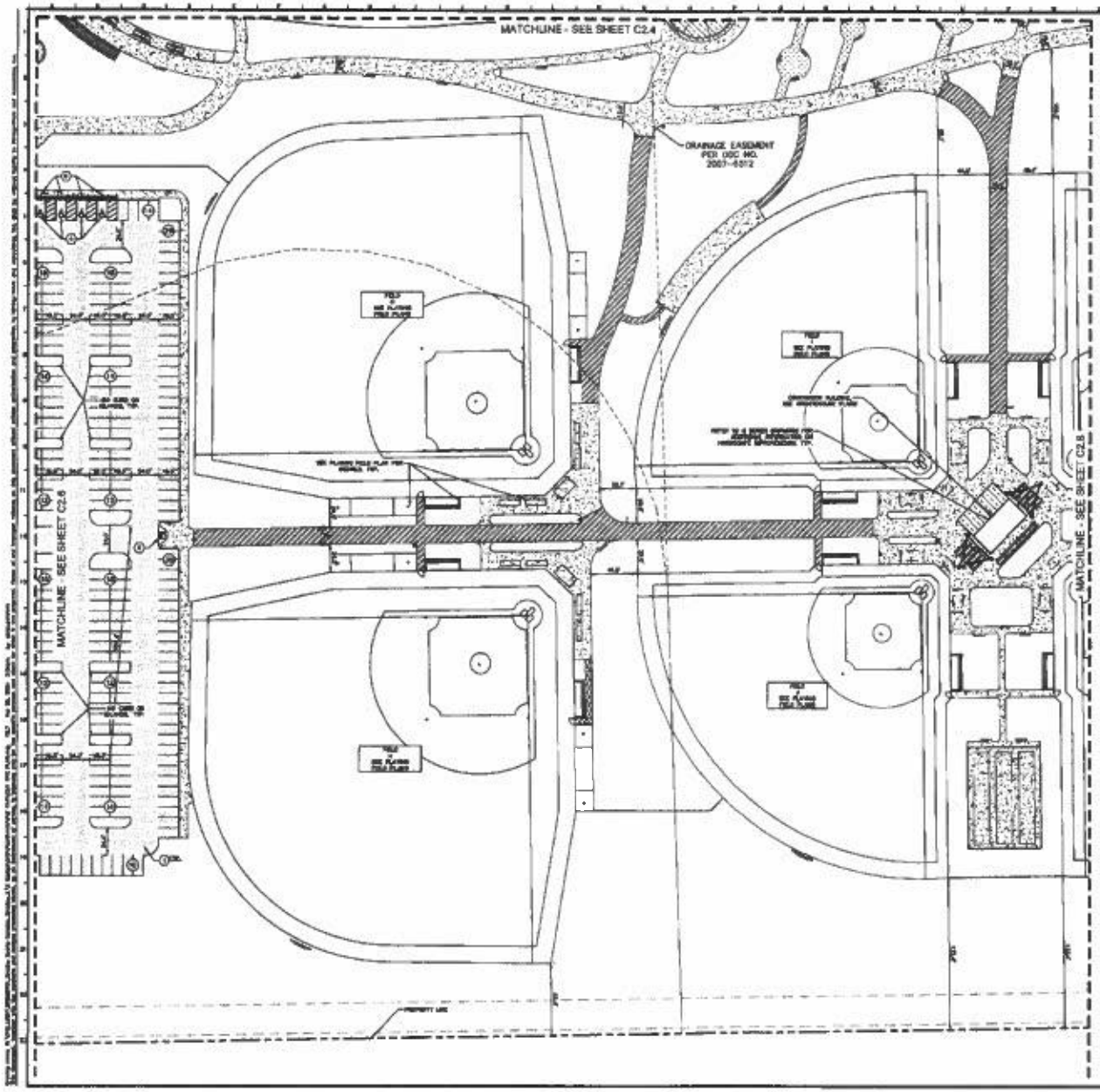
1701 E BRADLEY ROAD
BOURBONNAIS, IL 60914

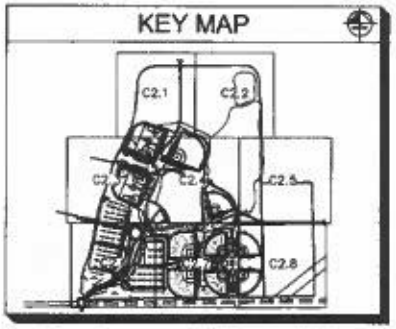
ORIGINAL ISSUE:
05/05/2024

CHA PROJECT NO.
[illegible]

SHEET NUMBER
C2.6

ISSUED FOR BID





KEY NOTES

1. BELG CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MATCH R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

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Kimley»Horn

BRADLEY

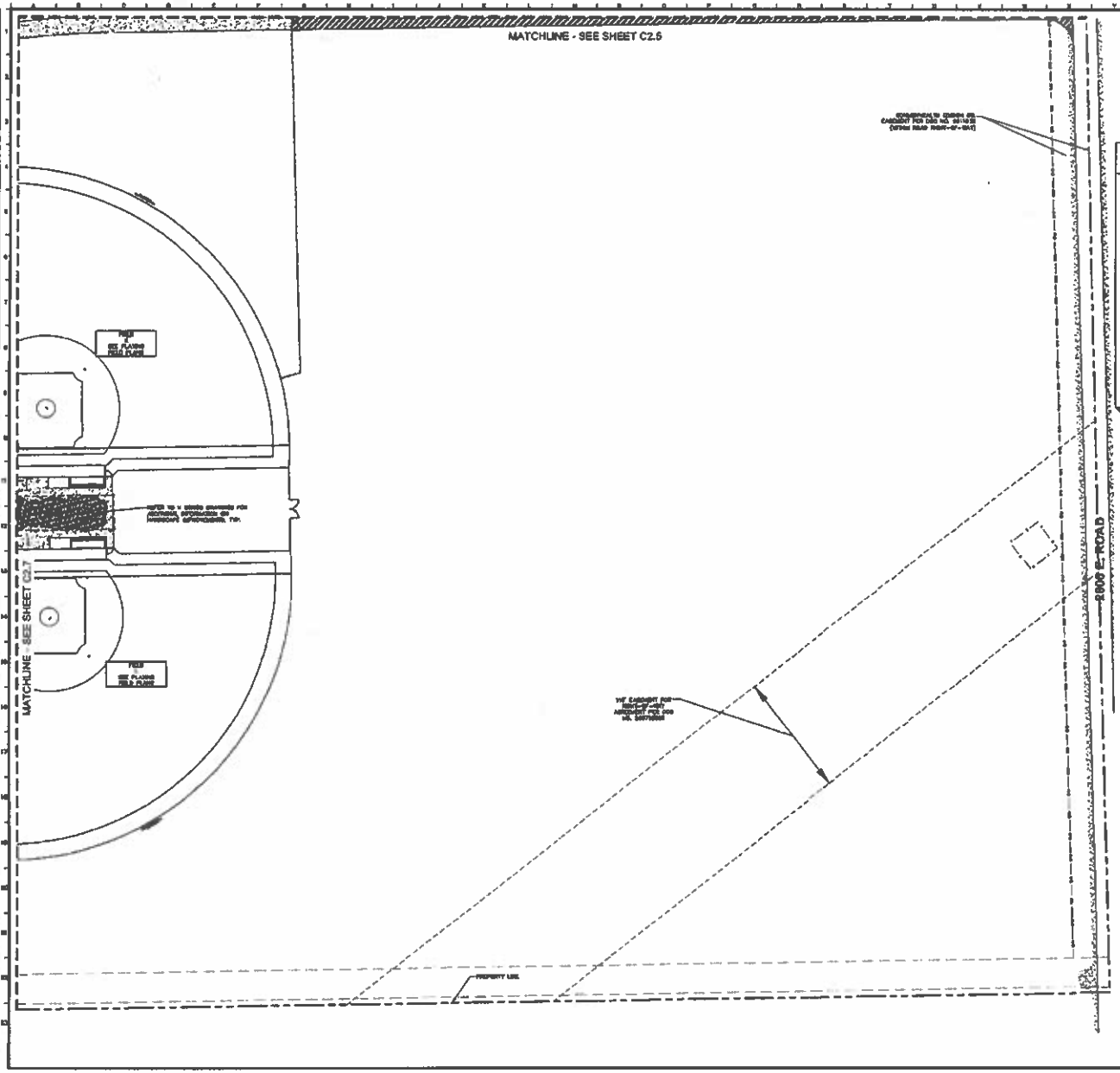
SITE PLAN

BRADLEY SPORTS COMPLEX

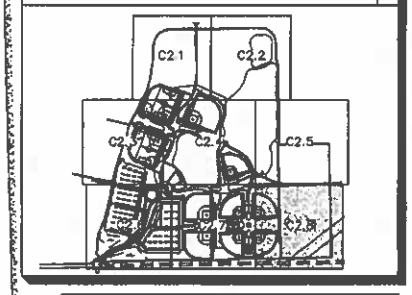
1775 S BRADLEY ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 05/08/2024
FINAL PROJECT NO. 069600000
SHEET NUMBER: C2.7

ISSUED FOR BID



KEY MAP



KEY NOTES

1. 6x12 CONCRETE CURB AND GUTTER, TYP. (SEE DETAILS)
2. CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
3. CONCRETE SIDEWALK, TYP. (SEE DETAILS)
4. ACCESSIBLE PAVEMENT MARKINGS, TYP. (SEE DETAILS)
5. ACCESSIBLE PARKING SIGN, TYP. (MUTCD R7-8, SEE DETAILS)
6. ACCESSIBLE RAMP (SEE DETAILS)
7. TRASH COMPACTOR AND ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS)
8. ARCHITECTURAL RETAINING WALL (SEE HARDSCAPE PLANS FOR DETAILS)
9. FLAG POLE (SEE LANDSCAPE PLAN FOR DETAILS)
10. MONUMENT OR PYLON SIGN (SEE HARDSCAPE PLANS FOR DETAILS)
11. TRAFFIC STRIPING (SEE HARDSCAPE PLANS FOR DETAILS)

PAVING AND CURB LEGEND

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REVISIONS		
1	SUE - ISSUED FOR CLIENT REVIEW	03/08/24
2	SUE - ISSUED FOR CLIENT REVIEW	03/08/24
3	SUE - ISSUED FOR CLIENT REVIEW	03/08/24
4	SUE - ISSUED FOR CLIENT REVIEW	03/08/24

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BRADLEY

SITE PLAN

BRADLEY SPORTS COMPLEX

1700 E DIXON ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE:
03/08/2024
KHA PROJECT NO.
[illegible]

SHEET NUMBER
C2.8

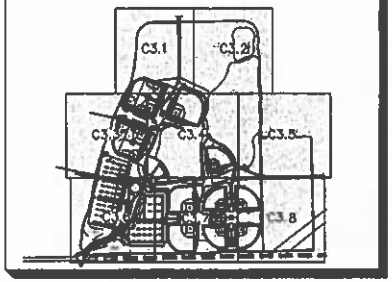
ISSUED FOR BID

EROSION CONTROL LEGEND

EROSION CONTROL SCHEDULE AND SEQUENCING

EROSION CONTROL NOTES

KEY MAP



NORTH

GRAPHIC SCALE IN FEET

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BRADLEY

EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

1750 S BRADLEY ROAD
BOURBONNAIS, IL 60914

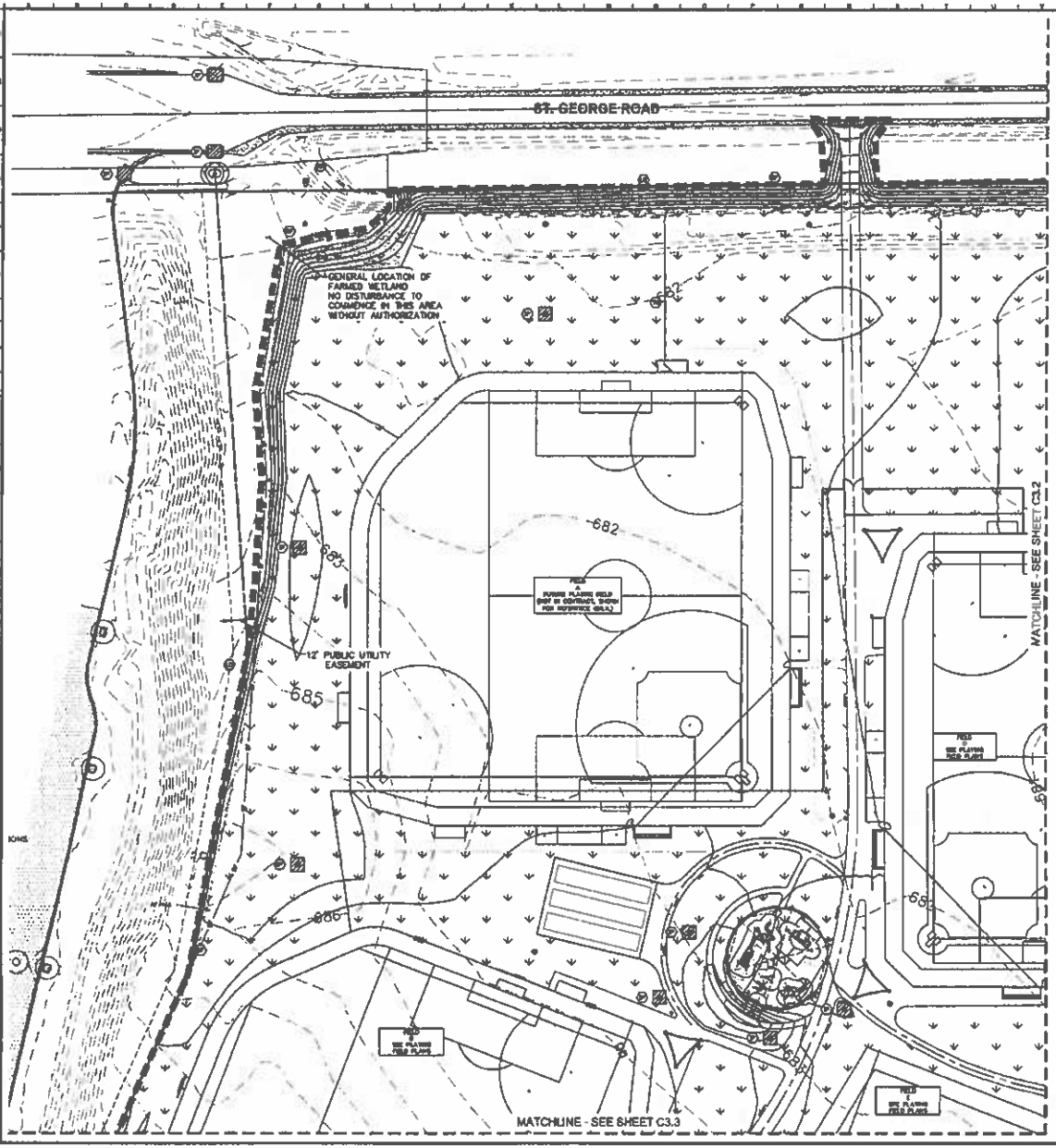
ORIGINAL ISSUE: 01/05/2024

KHA PROJECT NO. 095600001

SHEET NUMBER

C3.0

ISSUED FOR BID



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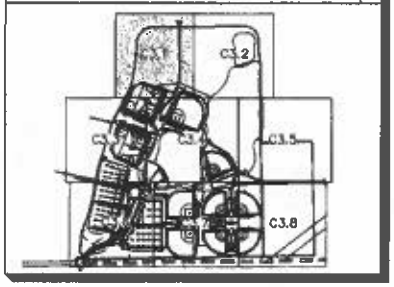
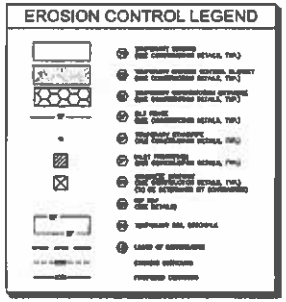
1-800-892-0123

KEY MAP



EROSION CONTROL LEGEND



REV.	DESCRIPTION	DATE	BY
A	ISSUED FOR CLIENT REVIEW	05/07/24	CT
B	ISSUED FOR CLIENT REVIEW	05/07/24	CT
C	ISSUED FOR CLIENT REVIEW	05/08/24	CT
D	ISSUED FOR CLIENT REVIEW	05/10/24	DS
E	ISSUED FOR CLIENT REVIEW	05/10/24	DS

REVISIONS

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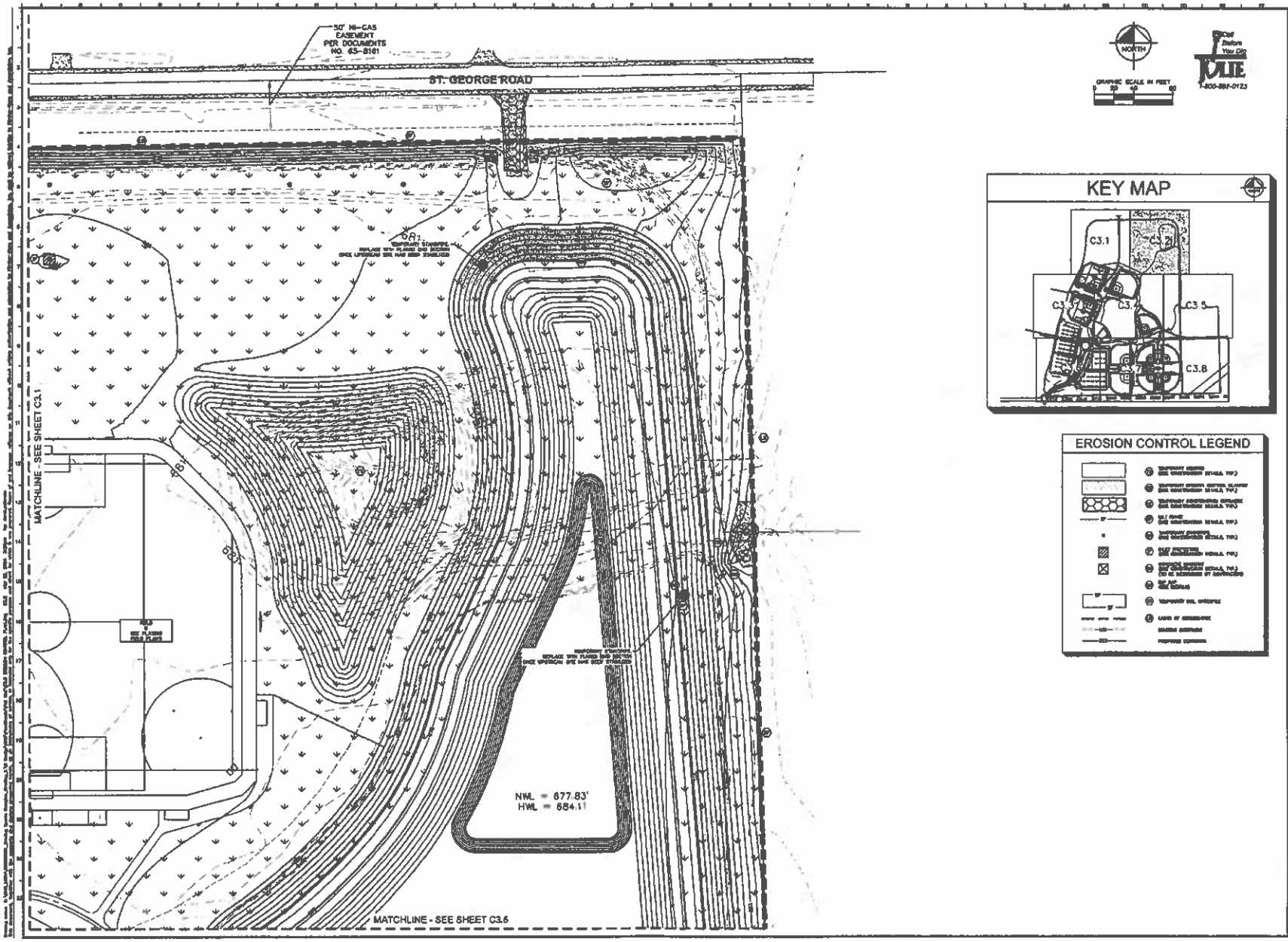
EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

ORIGINAL ISSUE: 04/26/2024
KHA PROJECT NO. 268020001

SHEET NUMBER
C3.1

ISSUED FOR BID


50' NI-GAS EASEMENT PER DOCUMENTS NO. 63-8161
ST. GEORGE ROAD
MATCHLINE - SEE SHEET C3.1
MATCHLINE - SEE SHEET C3.6
NWL = 677.83'
HWL = 684.11
NORTH
GRAPHIC SCALE IN FEET
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KEY MAP
C3.1
C3.2
C3.3
C3.4
C3.5
C3.6
C3.7
C3.8
EROSION CONTROL LEGEND
Kimley»Horn
BRADLEY
EROSION CONTROL PLAN
BRADLEY SPORTS COMPLEX
ORIGINAL ISSUE:
KHA PROJECT NO.
SHEET NUMBER
C3.2
ISSUED FOR BID

ISSUED FOR BID

No.	REVISIONS	DATE	BY
1	REVISION 1	03/30/24	CT
2	90% – ISSUED FOR CLIENT REVIEW	03/29/24	CT
3	75% – ISSUED FOR CLIENT REVIEW	03/01/24	CT
4	50% – ISSUED FOR CLIENT REVIEW	01/26/24	DG
5	30% – ISSUED FOR CLIENT REVIEW	01/02/24	CT

Kimley»Horn
1 Park Plaza, Suite 400
Bridgewater, MA 02324
Phone: 508-697-4700
www.kimley-horn.com

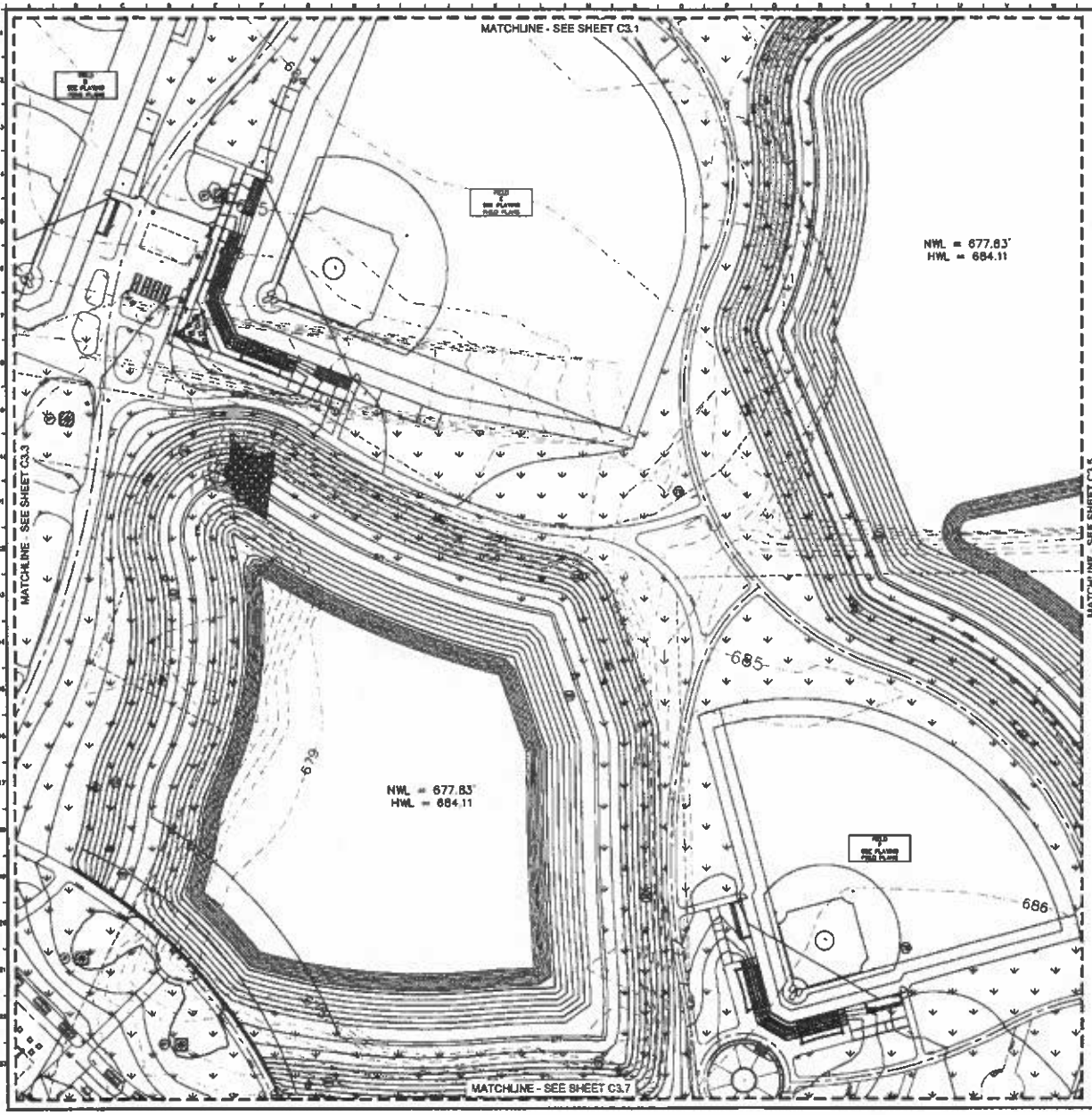
SCALE: AS NOTED
DESIGNED BY: CT
DRAWN BY: CT
CHECKED BY: DG

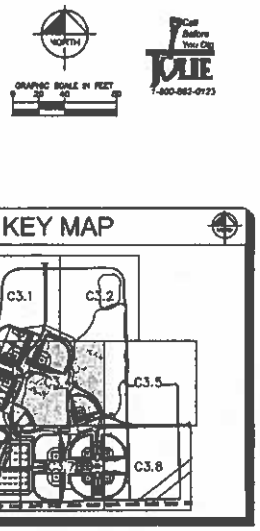
BRADLEY

BRADLEY SPORTS COMPLEX
1790 E SOUTH ROAD
SOUTHBOROUGH, IL 60914

EROSION CONTROL PLAN

ORIGINAL ISSUE: 01/02/2024
HKA PROJECT NO.: 096800001
SHEET NUMBER: C3.3





EROSION CONTROL LEGEND

REVISIONS		
1	90% - ISSUED FOR CLIENT REVIEW	02/20/21
2	95% - ISSUED FOR CLIENT REVIEW	03/19/21
3	75% - ISSUED FOR CLIENT REVIEW	06/09/21
4	50% - ISSUED FOR CLIENT REVIEW	07/09/21

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EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

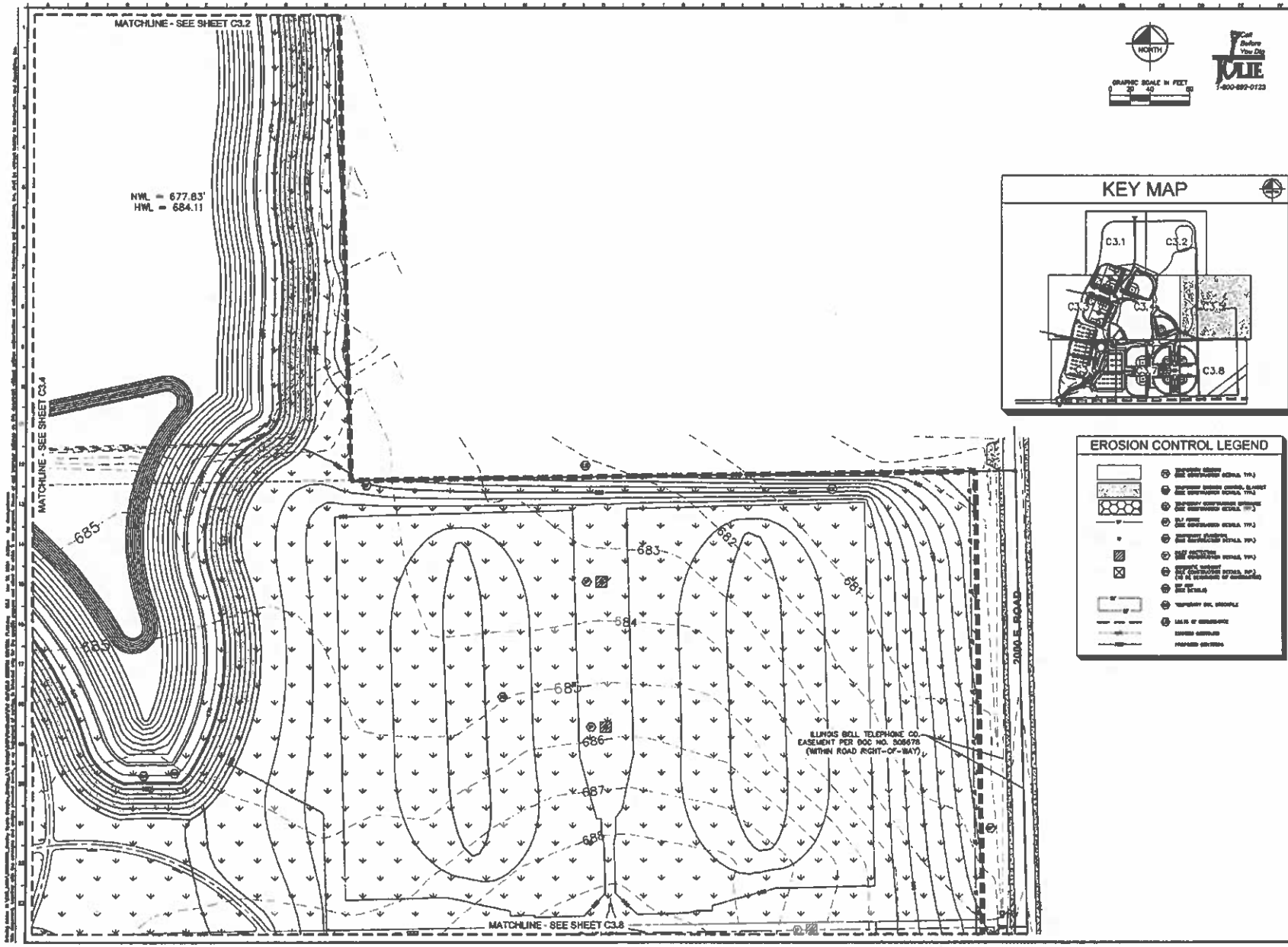
1779 E ECON ROAD
ROUSEDALE, IL 62864

ORIGINAL ISSUED
01/08/2021

KHA PROJECT NO.
[illegible]

SHEET NUMBER
C3.4

ISSUED FOR BID



4	90% - ISSUED FOR CLIENT REVIEW	01/29/24 CT
3	75% - ISSUED FOR CLIENT REVIEW	01/09/24 CT
2	50% - ISSUED FOR CLIENT REVIEW	12/08/23 CT
1	30% - ISSUED FOR CLIENT REVIEW	11/09/23 DS
		DATE BY

BULLETIN 1
09/29/23

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BRADLEY

EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

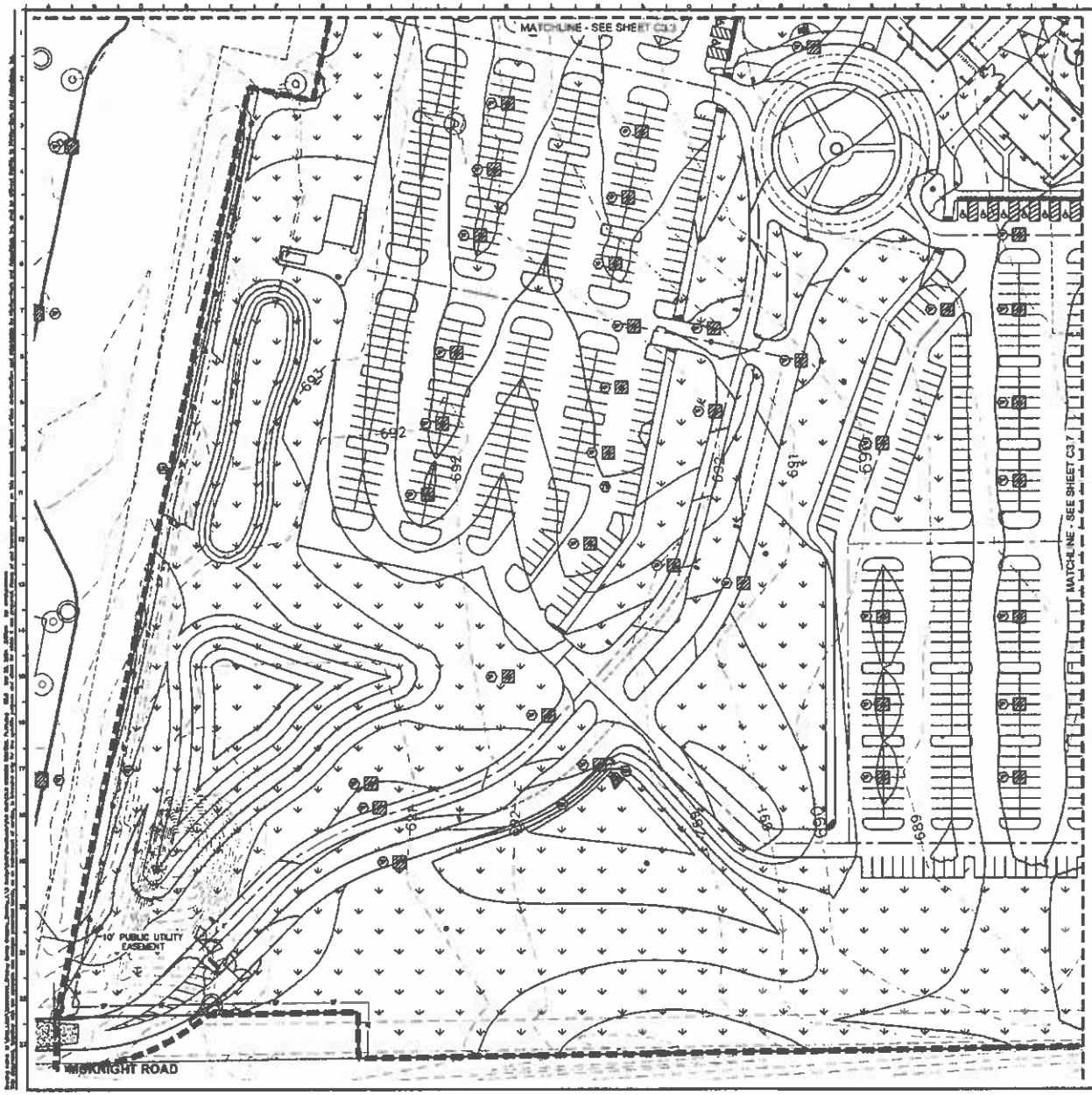
1776 E BRADY ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUED
01/05/2024

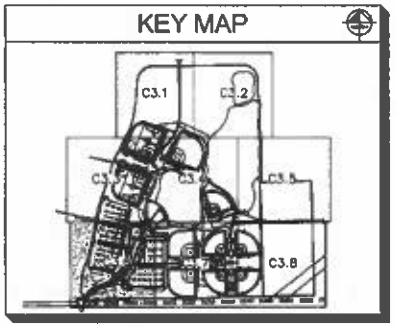
KHA PROJECT NO.
[illegible]

SHEET NUMBER
C3.5

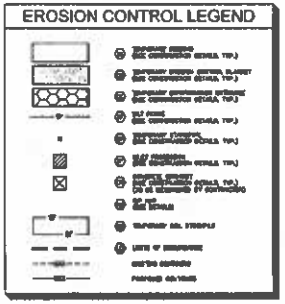
ISSUED FOR BID



KEY MAP



EROSION CONTROL LEGEND



No.	REVISIONS	DATE	BY
1	BID SET - ISSUED FOR CLIENT REVIEW	02/20/24	CT
2	BID SET - ISSUED FOR CLIENT REVIEW	03/01/24	CT
3	BID SET - ISSUED FOR CLIENT REVIEW	03/06/24	CT
4	BID SET - ISSUED FOR CLIENT REVIEW	03/20/24	SB
5	BID SET - ISSUED FOR CLIENT REVIEW	04/08/24	BT

BULLETIN 1

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BRADLEY

EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

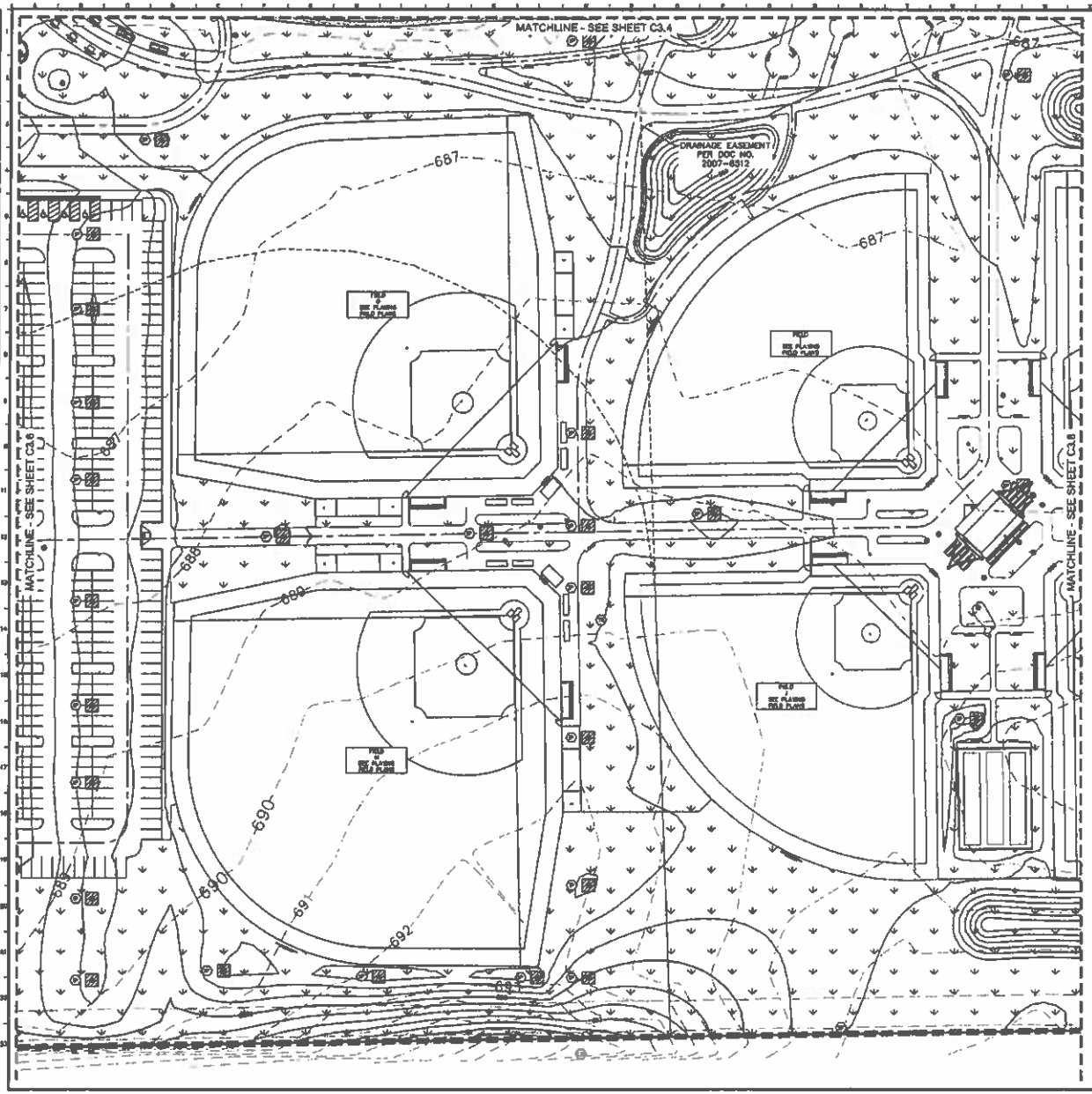
1700 S. DIXIE ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE:
04/05/2024

KHA PROJECT NO.
069600001

SHEET NUMBER
C3.6

ISSUED FOR BID



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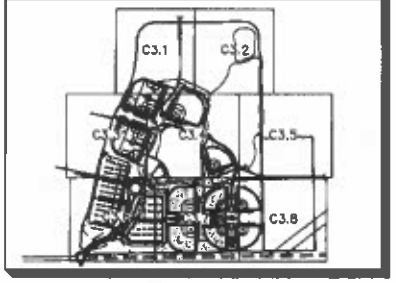
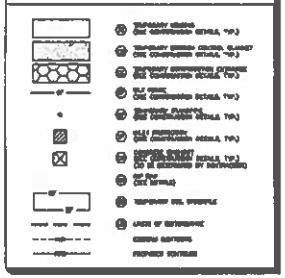
1-800-892-0123

KEY MAP



EROSION CONTROL LEGEND



REV	DATE	REVISIONS
1	03/20/24	BULLETIN 1
2	03/01/24	90% - ISSUED FOR CLIENT REVIEW
3	02/09/24	75% - ISSUED FOR CLIENT REVIEW
4	01/05/24	50% - ISSUED FOR CLIENT REVIEW

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BRADLEY

EROSION CONTROL PLAN

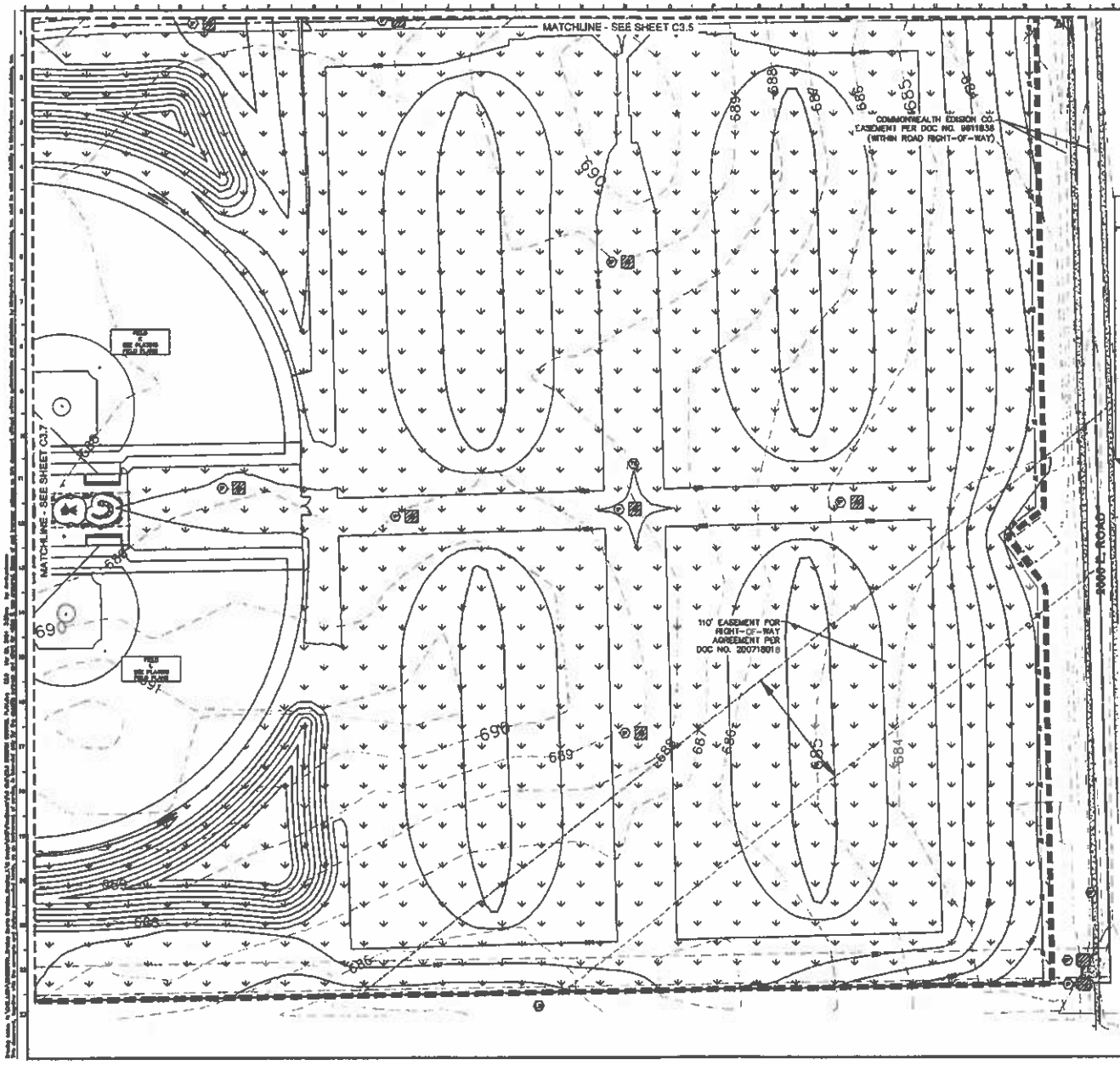
BRADLEY SPORTS COMPLEX

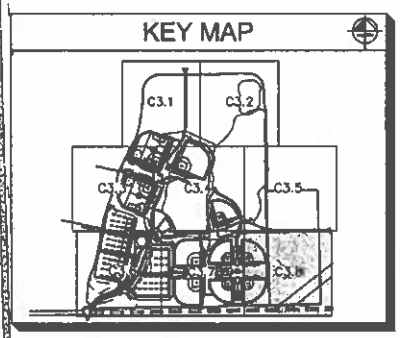
1700 E BRADLEY ROAD
BOURBONNAIS, IL 60914

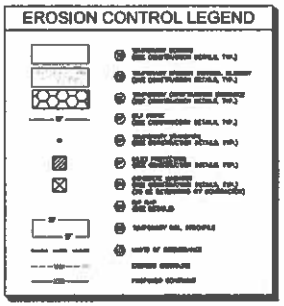
ORIGINAL ISSUE: 01/05/2024
KHA PROJECT NO. 249069001

SHEET NUMBER
C3.7

ISSUED FOR BID







NORTH

GRAPHIC SCALE IN FEET

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1-800-892-0123

REVISIONS			
A	BID ISSUED FOR CLIENT REVIEW	03/20/24	CT
B	BID ISSUED FOR CLIENT REVIEW	03/25/24	CT
C	BID ISSUED FOR CLIENT REVIEW	03/26/24	CT
D	BID ISSUED FOR CLIENT REVIEW	04/05/24	DG
E			BT

Kimley»Horn

BRADLEY

EROSION CONTROL PLAN

BRADLEY SPORTS COMPLEX

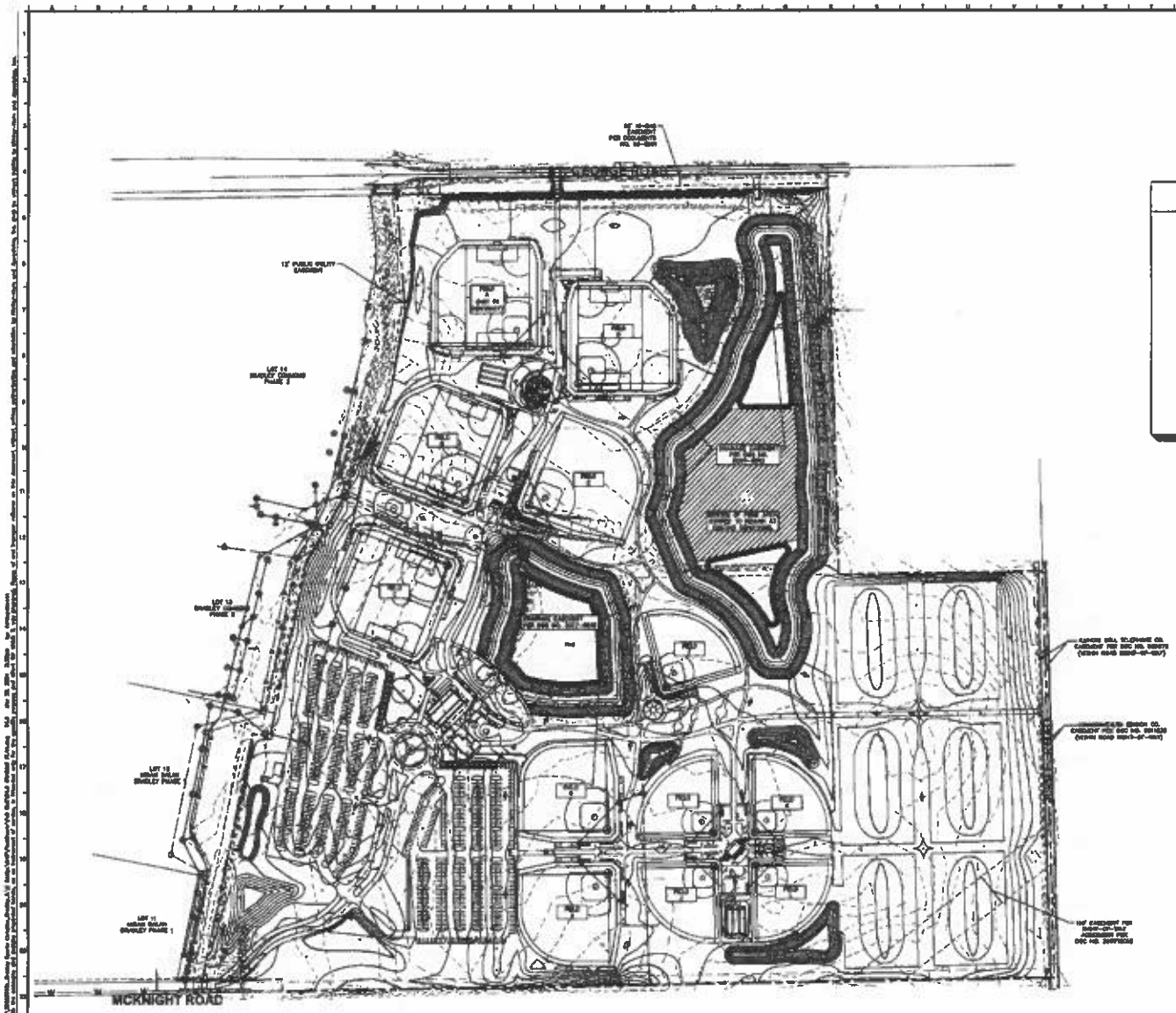
ORIGINAL ISSUE: 03/08/2024

KHA PROJECT NO. 245000001

SHEET NUMBER

C3.8

ISSUED FOR BID



NORTH

GRAPHIC SCALE IN FEET
0 75 150 300

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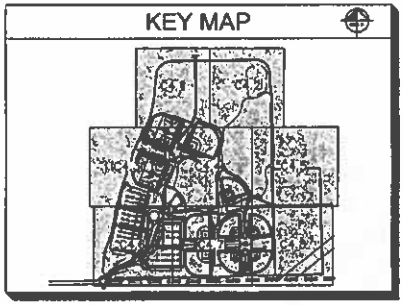
JULIE
1-800-892-0123

KEY MAP



GRADING NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING IMPROVEMENT AND UNDERTAKING ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
2. ALL PAVEMENT SPOT GRADE ELEVATIONS ARE ON ELEVATIONS WITH ON FLOW LINE AND GUTTER REFER TO FLOW LINE ELEVATIONS UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH CONTRACTOR, LANDSCAPE AND PAVING MAINTENANCE REMOVAL WORK, TREATMENT AND LANDSCAPE AREAS AND PAVEMENT REPAIR PRIOR TO PAVING AREAS TO PROPERLY GRADE ADJUST OUT TO EXISTING FINISHED ELEVATIONS.
4. NO CATCH SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
6. MAXIMUM SUPPORT SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES.
7. VERIFY NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL SENSOR GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LINES.

MARK	REVISIONS	DATE	BY
1	BID SET - ISSUED FOR CLIENT REVIEW	03/06/24	CT
2	BID SET - ISSUED FOR CLIENT REVIEW	03/01/24	CT
3	75% - ISSUED FOR CLIENT REVIEW	02/06/24	CT
4	50% - ISSUED FOR CLIENT REVIEW	01/05/24	CT

Kimley»Horn

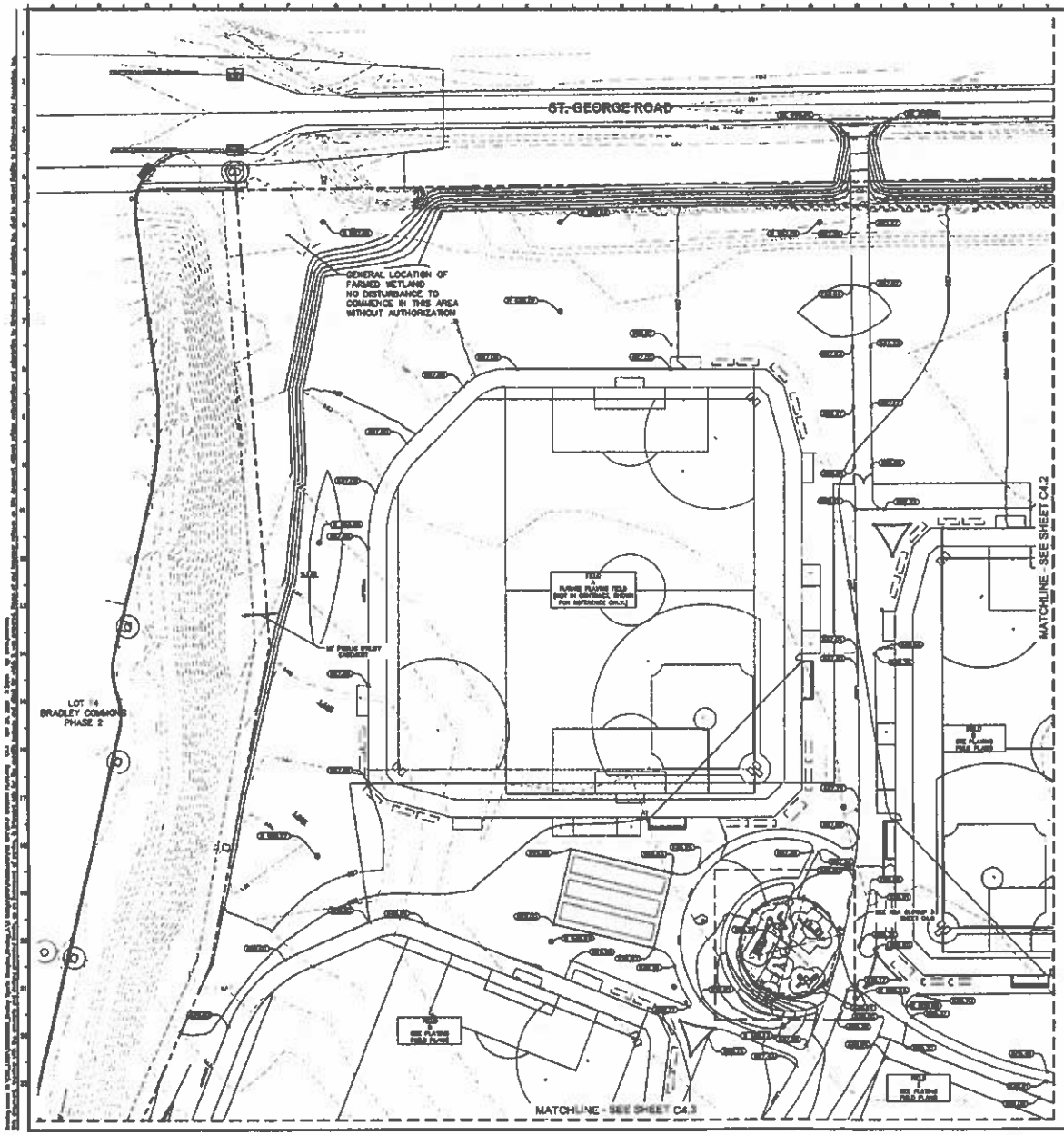
BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX
1700 E BOOM ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE:
01/05/2024
KHA PROJECT NO.
[illegible]
SHEET NUMBER
C4.0

ISSUED FOR BID

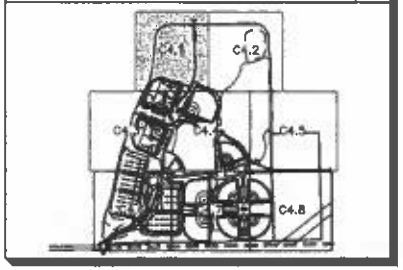


NORTH

GRAPHIC SCALE IN FEET
0 20 40 60

Call Before You Dig
1-800-892-0123

KEY MAP



GRADING LEGEND

- TP = TOP OF PAVEMENT
- EP = EDGE OF PAVEMENT
- FL = FLOW LINE
- TC = TOP OF CURB
- ME = MATCH ELEVATION
- TF = TOP OF FOUNDATION
- R = RIM ELEVATION
- TW = TOP OF WALL
- FG = FINISHED GRADE
- TS = TOP OF STAIRS
- BS = BOTTOM OF STAIRS
- PROPOSED CONTOUR
- EXISTING CONTOUR
- RIDGE LINE
- SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

REV.	REVISIONS	DATE	BY
1	BULLETIN 3		
2	SDS - ISSUED FOR CLIENT REVIEW	03/20/24	CT
3	SDS - ISSUED FOR CLIENT REVIEW	03/01/24	CT
4	PDS - ISSUED FOR CLIENT REVIEW	02/09/24	CT
5	SDS - ISSUED FOR CLIENT REVIEW	01/08/24	BB

Kimley»Horn

BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX

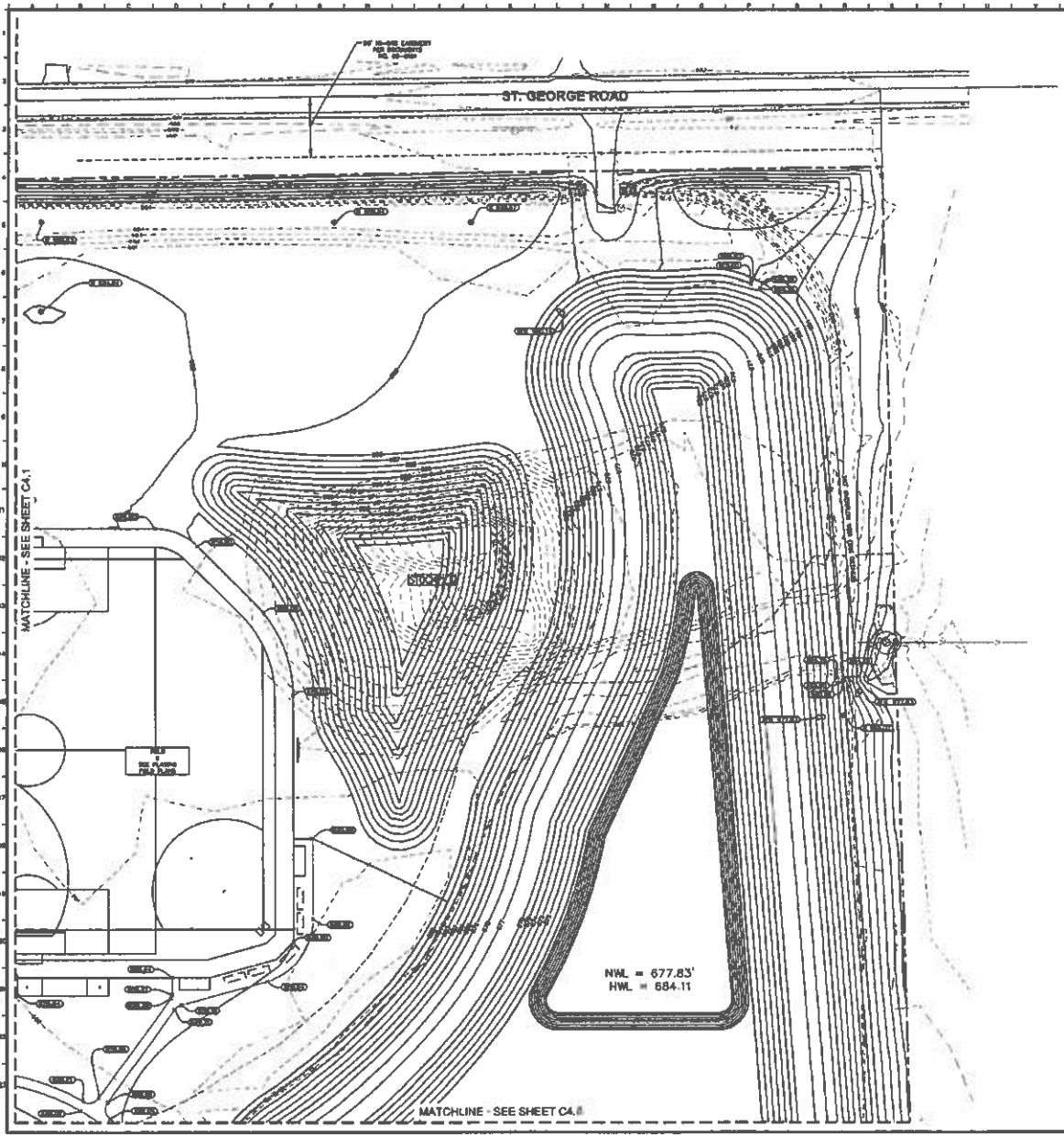
ORIGINAL ISSUE: 01/08/2024

KHA PROJECT NO. 289000001

SHEET NUMBER

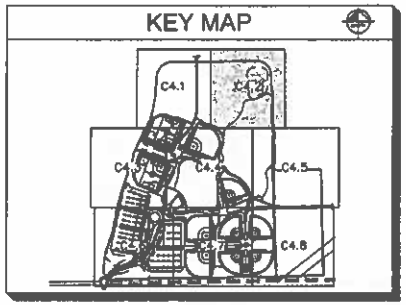
C4.1

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



GRADING LEGEND

- TP = TOP OF PAVEMENT
- EP = EDGE OF PAVEMENT
- FL = FLOW LINE
- TC = TOP OF CURB
- ME = MATCH ELEVATION
- TF = TOP OF FOUNDATION
- R = RIM ELEVATION
- TW = TOP OF WALL
- FG = FINISHED GRADE
- TS = TOP OF STAIRS
- BS = BOTTOM OF STAIRS
- XXX — PROPOSED CONTOUR
- XXX — EXISTING CONTOUR
- RIDGE — RIDGE LINE
- XXX — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

REVISIONS		
1	90% - ISSUED FOR CLIENT REVIEW	04/29/25 ET
2	95% - ISSUED FOR CLIENT REVIEW	05/05/25 ET
3	75% - ISSUED FOR CLIENT REVIEW	05/05/25 ET
4	90% - ISSUED FOR CLIENT REVIEW	07/08/25 DG
5	100% - ISSUED FOR BID	07/08/25 ET

Kinley+Horn

BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX

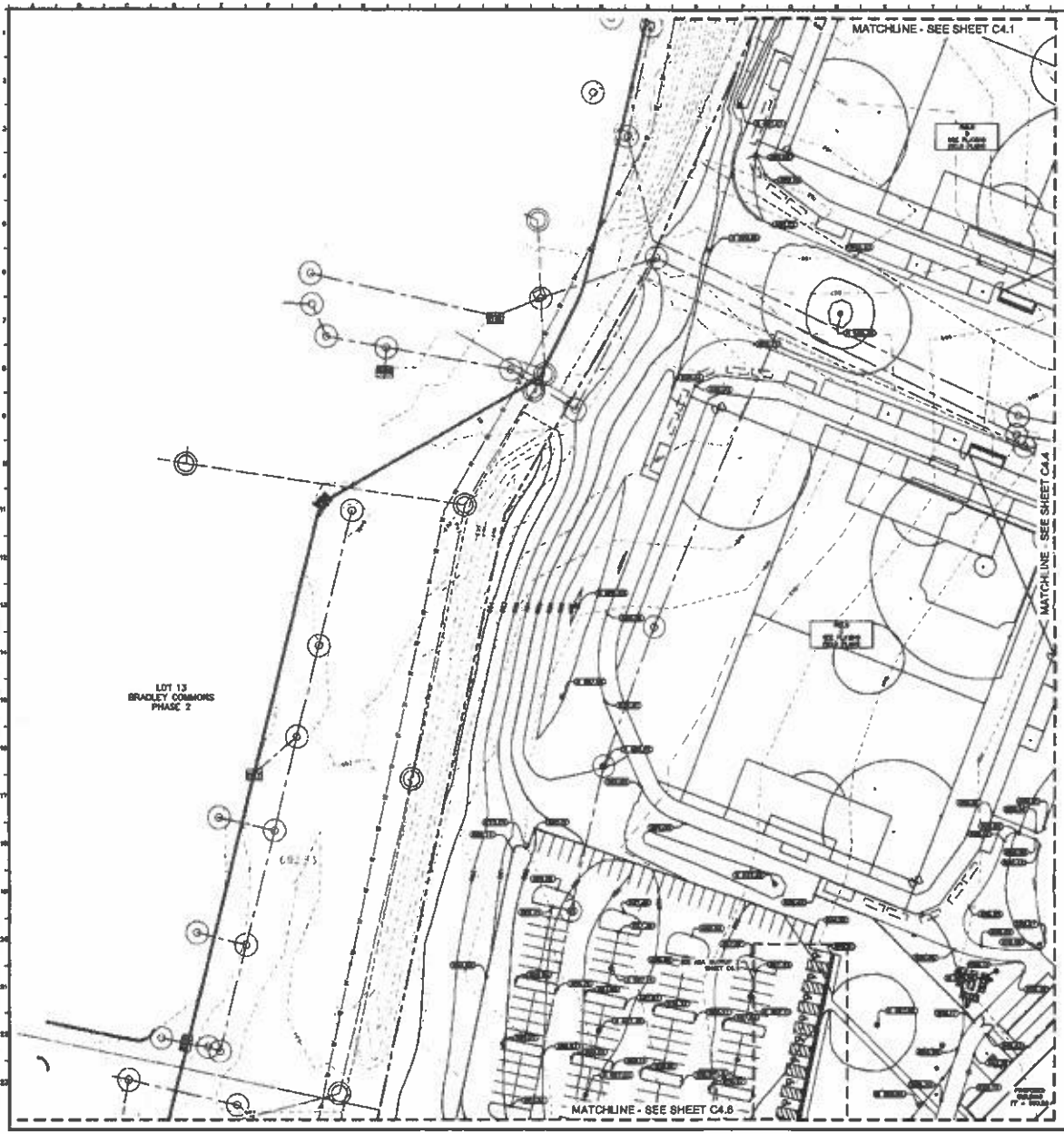
1776 E BOURBONNAIS ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUED
01/08/2025

K+H PROJECT NO.
069800001

SHEET NUMBER
C4.2

ISSUED FOR BID

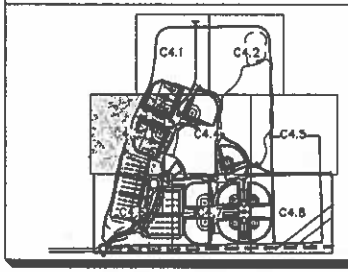


NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



GRADING LEGEND

- TP = TOP OF PAVEMENT
- EP = EDGE OF PAVEMENT
- FL = FLOW LINE
- TC = TOP OF CURB
- ME = MATCH ELEVATION
- TF = TOP OF FOUNDATION
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- TS = TOP OF STAIRS
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- 100X — PROPOSED CONTOUR
- 100X — EXISTING CONTOUR
- RIDGE LINE
- X.XX% — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

A	BID ISSUE	05/20/24	CT
A	90% - ISSUED FOR CLIENT REVIEW	03/20/24	CT
A	75% - ISSUED FOR CLIENT REVIEW	02/26/24	CT
A	50% - ISSUED FOR CLIENT REVIEW	01/26/24	DG
REV	REVISIONS	DATE	BY

Kimley»Horn

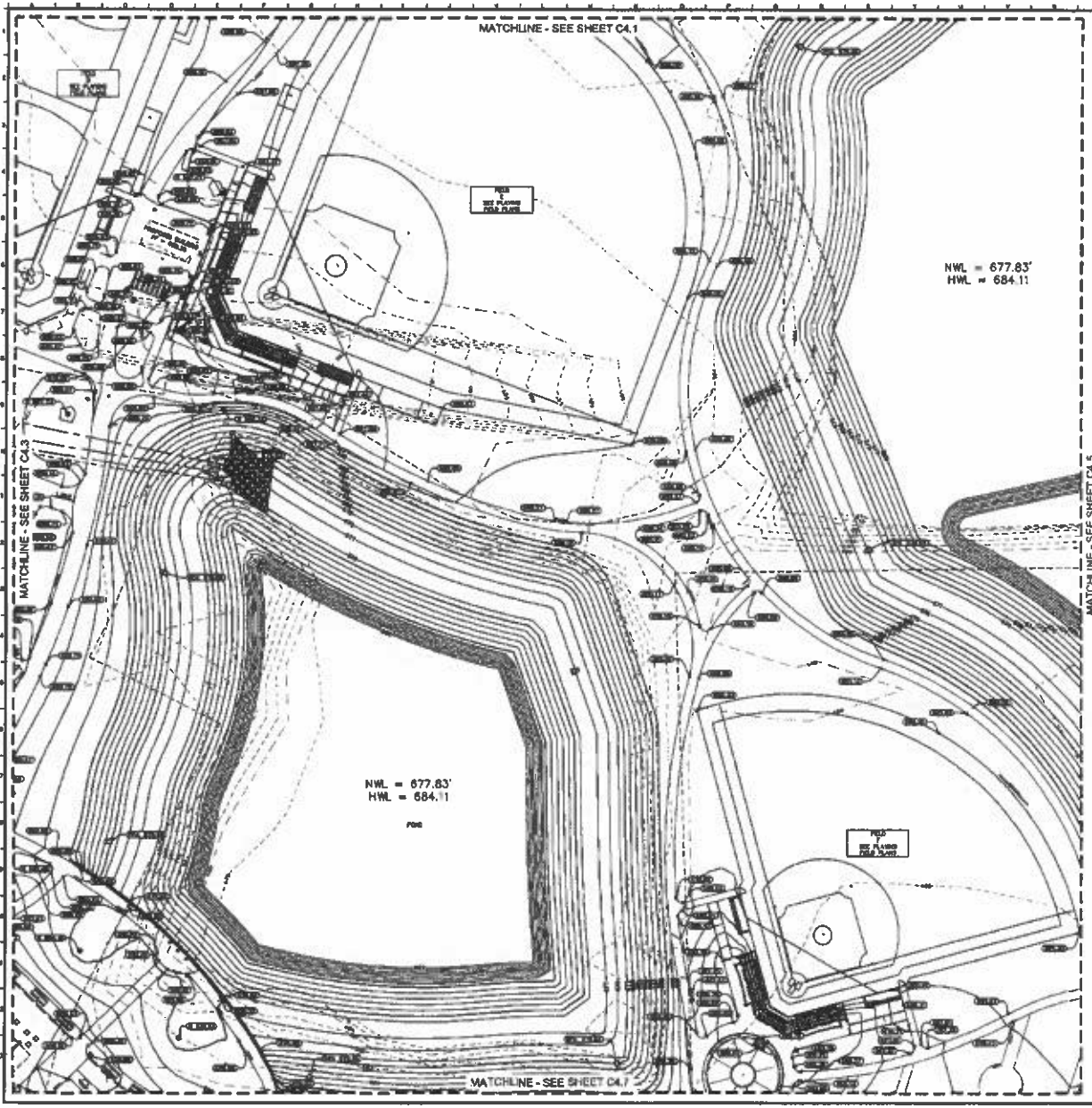
BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX
1750 E BOOTH ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/09/2024
KHA PROJECT NO. 289000001
SHEET NUMBER
C4.3

ISSUED FOR BID



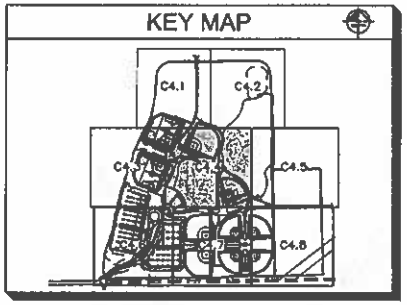
GRAPHIC SCALE IN FEET

0 20 40 80

NORTH

Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



GRADING LEGEND

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- FL = FLOW LINE
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- TF = TOP OF FOUNDATION
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- RIDGE — RIDGE LINE
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- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

REV.	REVISIONS	BY
1	BULLETIN 1	
2	90% - ISSUED FOR CLIENT REVIEW	03/26/24 ET
3	75% - ISSUED FOR CLIENT REVIEW	03/01/24 ET
4	50% - ISSUED FOR CLIENT REVIEW	02/26/24 ET
5	30% - ISSUED FOR CLIENT REVIEW	02/05/24 DG
6		01/31/24 ET

Kimley»Horn

SCALE: AS SHOWN
DESIGNED BY: CDB
DRAWN BY: SJP
CHECKED BY: ET

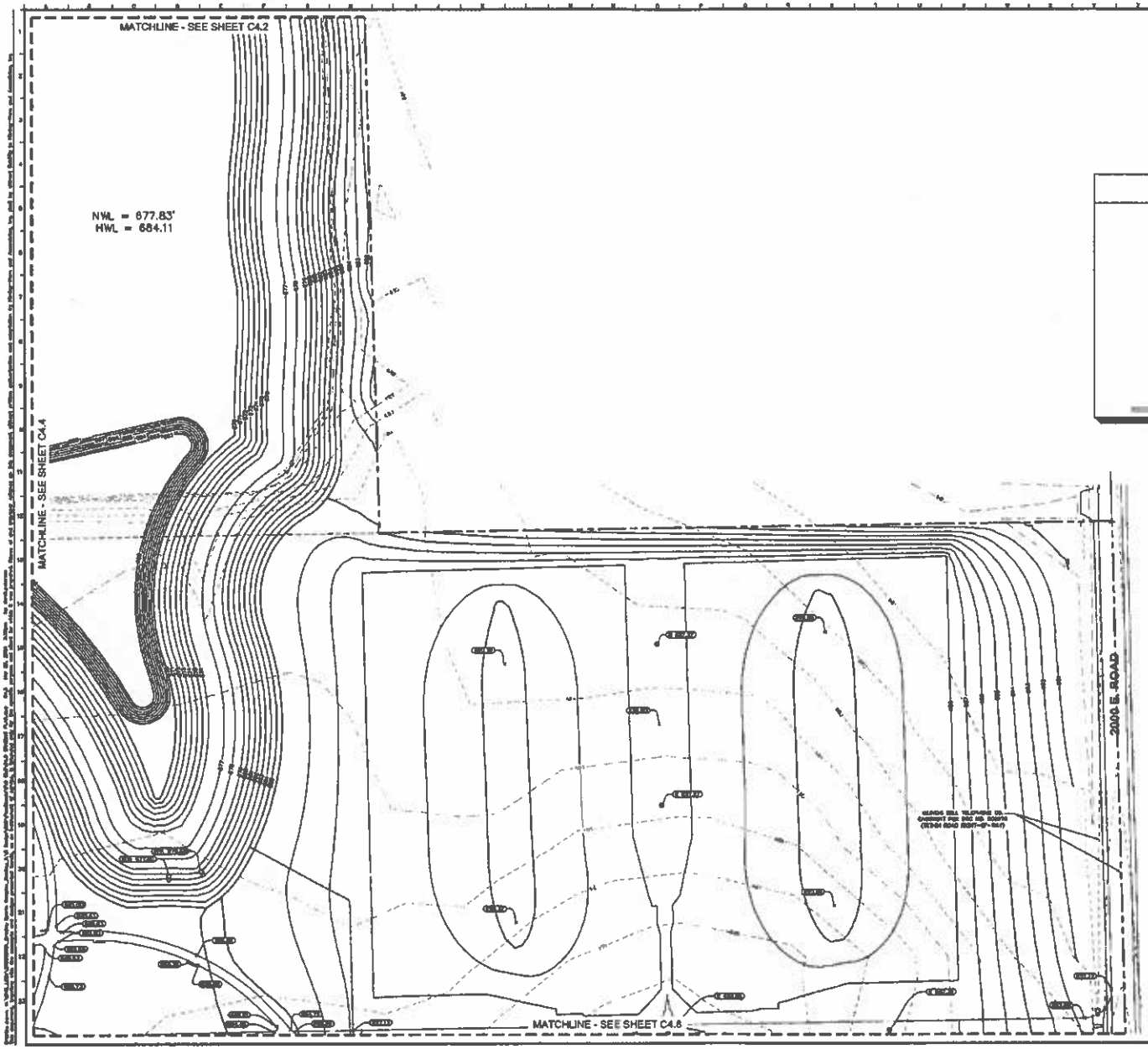
BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX
1750 S KIRKA ROAD
BOURBONNAIS, IL 60914

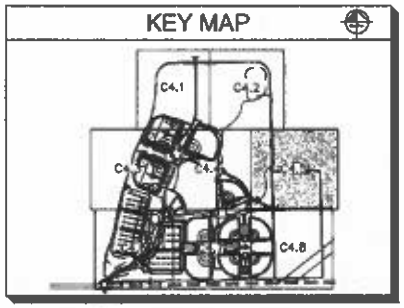
ORIGINAL ISSUE: 01/05/2024
KHA PROJECT NO. 249600004
SHEET NUMBER
C4.4

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



GRADING LEGEND

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- 100X PROPOSED CONTOUR
- 100X EXISTING CONTOUR
- RIDGE LINE
- X.XX% SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

REVISION 1			
A	ADD - ISSUED FOR CLIENT REVIEW	01/20/21	CT
A	REV - ISSUED FOR CLIENT REVIEW	03/05/21	CT
A	REV - ISSUED FOR CLIENT REVIEW	03/09/21	CT
A	REV - ISSUED FOR CLIENT REVIEW	03/09/21	CT
REV	DESCRIPTION	DATE	BY

Kimley»Horn

SCALE AS SHOWN
DESIGNED BY: CDS
DRAWN BY: SAP
CHECKED BY: SAP

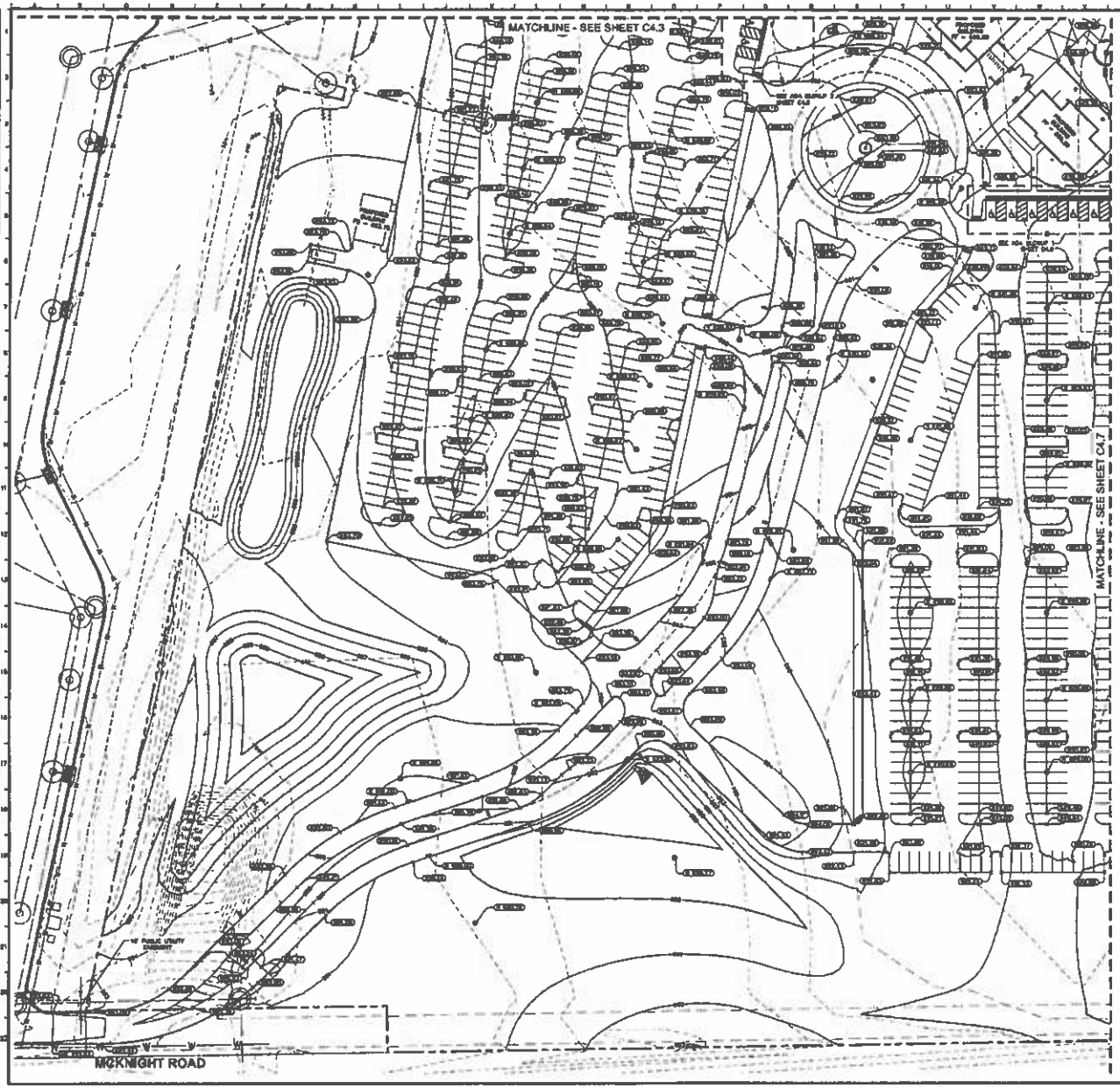
BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX
1700 E. BRADLEY ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUED 01/20/2021
KHA PROJECT NO. 2000200001
SHEET NUMBER
C4.5

ISSUED FOR BID



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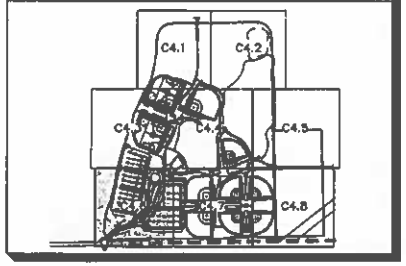

GRADING LEGEND

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- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

Call Before You Dig
JULIE
1-800-892-0123

REV.	REVISIONS	DATE	BY
A	BULLETIN 1		
B	IDOT - ISSUED FOR CLIENT REVIEW	03/29/24	CT
C	TBG - ISSUED FOR CLIENT REVIEW	04/10/24	CT
D	TBG - ISSUED FOR CLIENT REVIEW	05/29/24	CT
E	IDOT - ISSUED FOR CLIENT REVIEW	06/06/24	DB

Kimley»Horn

SCALE: AS SHOWN
DESIGNED BY: CTB
DRAWN BY: SAP
CHECKED BY: CLT

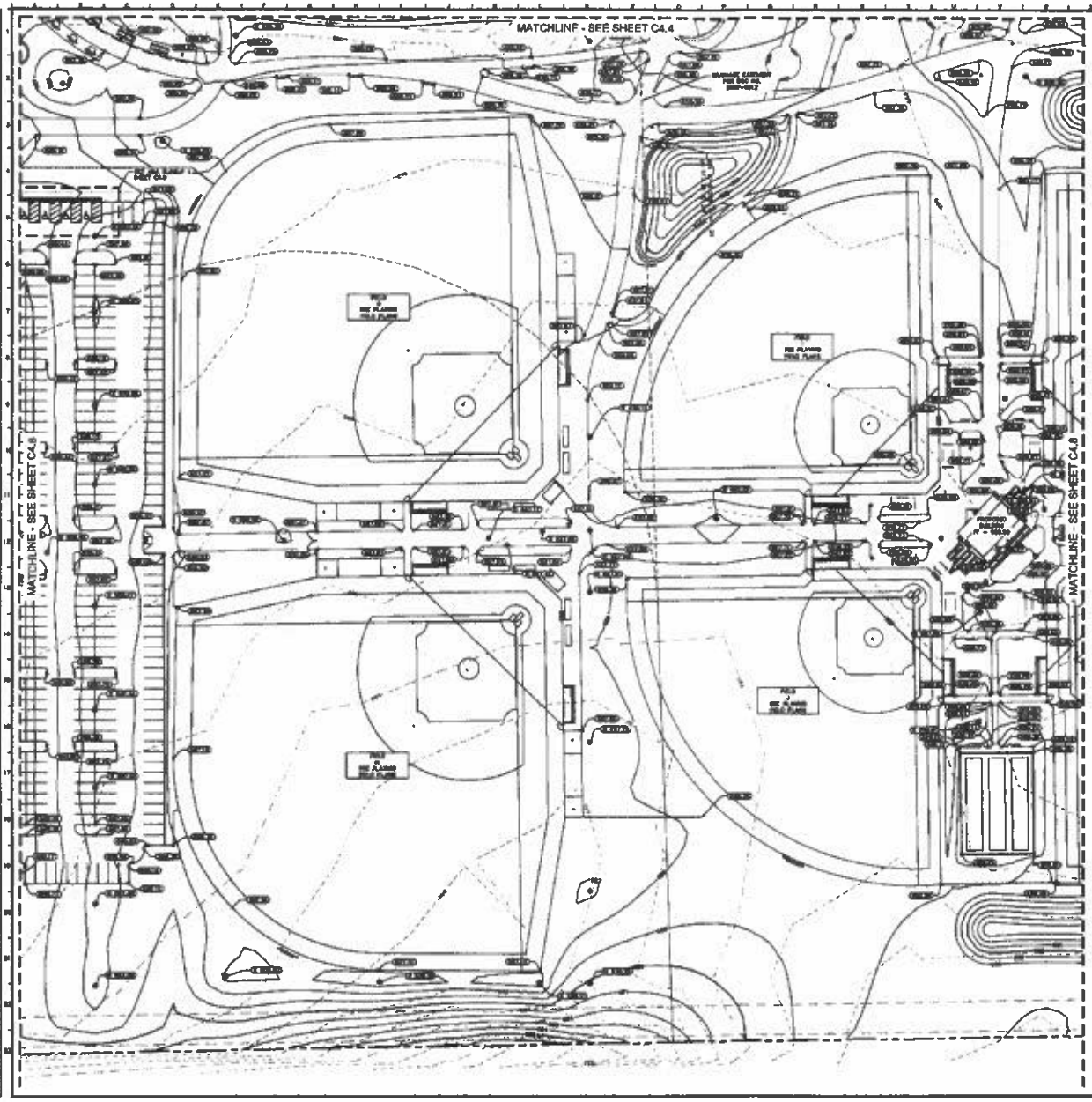
BRADLEY

GRADING PLAN

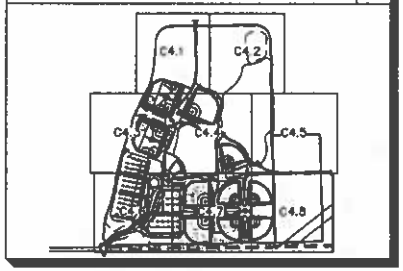
BRADLEY SPORTS COMPLEX
1700 E DIXION ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/05/2024
KHA PROJECT NO. 289306000
SHEET NUMBER
C4.6

ISSUED FOR BID



KEY MAP



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- RIDGE — RIDGE LINE
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- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY OVERLAND OVERFLOW ROUTE
- PROPOSED SWALE
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- RIP RAP (SEE DETAILS)

REVISIONS			
1	ISSUED FOR CLIENT REVIEW	01/20/21	CT
2	ISSUED FOR CLIENT REVIEW	03/09/21	CT
3	ISSUED FOR CLIENT REVIEW	03/26/21	CT
4	ISSUED FOR CLIENT REVIEW	07/06/21	DB
5	ISSUED FOR CLIENT REVIEW	07/09/21	BT

Kimley»Horn

BRADLEY

GRADING PLAN

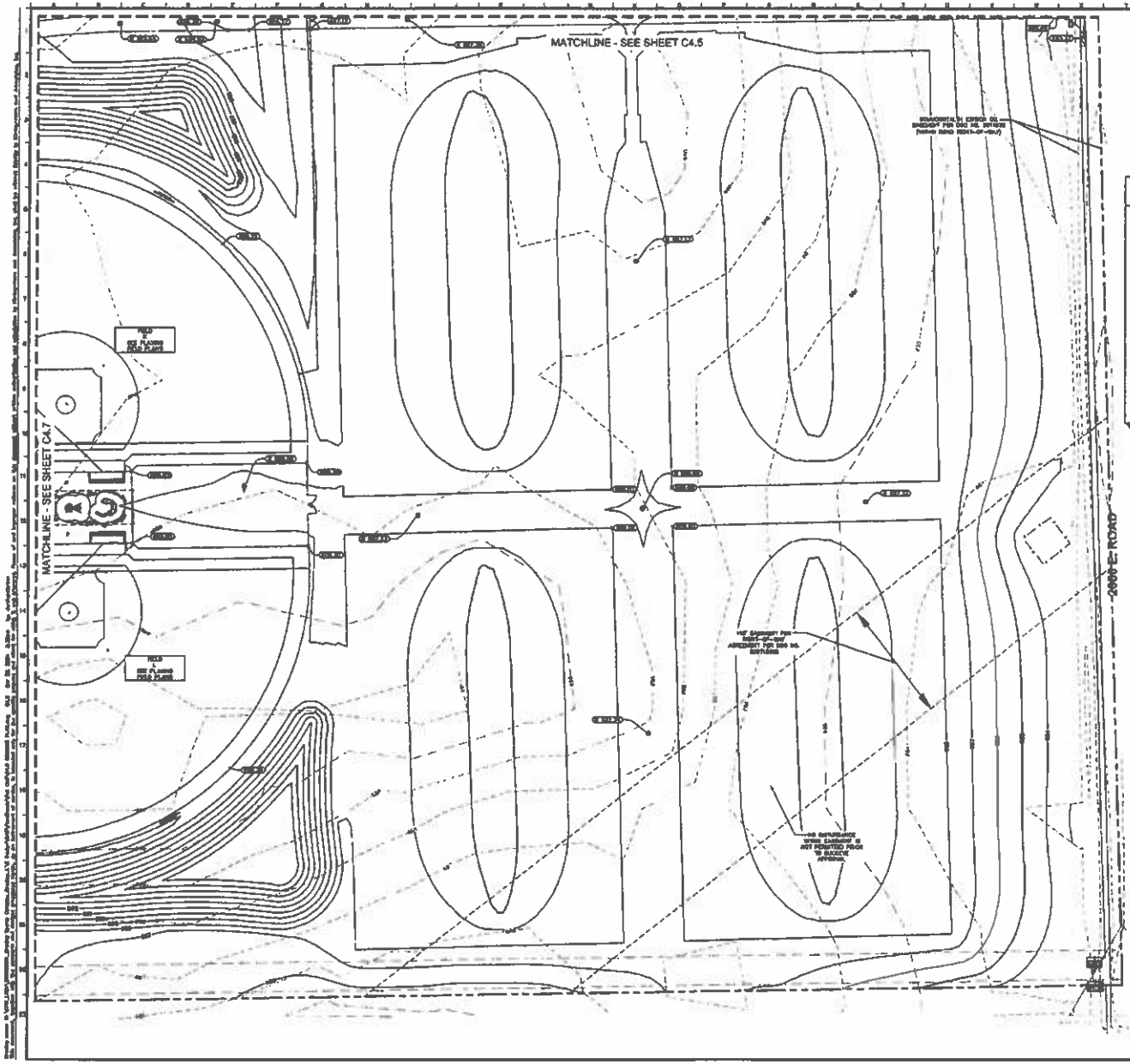
BRADLEY SPORTS COMPLEX

1770 E BRAIDWOOD ROAD
BOURBONNAIS, IL 60914

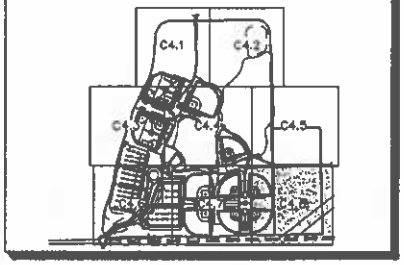
ORIGINAL ISSUE: 01/20/2021
KHA PROJECT NO. 069600001

SHEET NUMBER
C4.7

ISSUED FOR BID



KEY MAP



GRADING LEGEND

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- RIDGE — RIDGE LINE
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- 100-YEAR OVERLAND OVERFLOW ROUTE
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- PROPOSED SWALE
- PROPOSED RETAINING WALL
- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

No.	Revisions	Date	By
4	BULLETIN 1		
3	ISSUED FOR CLIENT REVIEW	03/29/21	CT
2	ISSUED FOR CLIENT REVIEW	03/01/21	CT
1	ISSUED FOR CLIENT REVIEW	01/08/21	DG
0	ISSUED FOR CLIENT REVIEW	12/18/20	DG

Kimley»Horn

BRADLEY

GRADING PLAN

BRADLEY SPORTS COMPLEX

1775 E BRADY ROAD
BOURBONNAIS, IL 60914

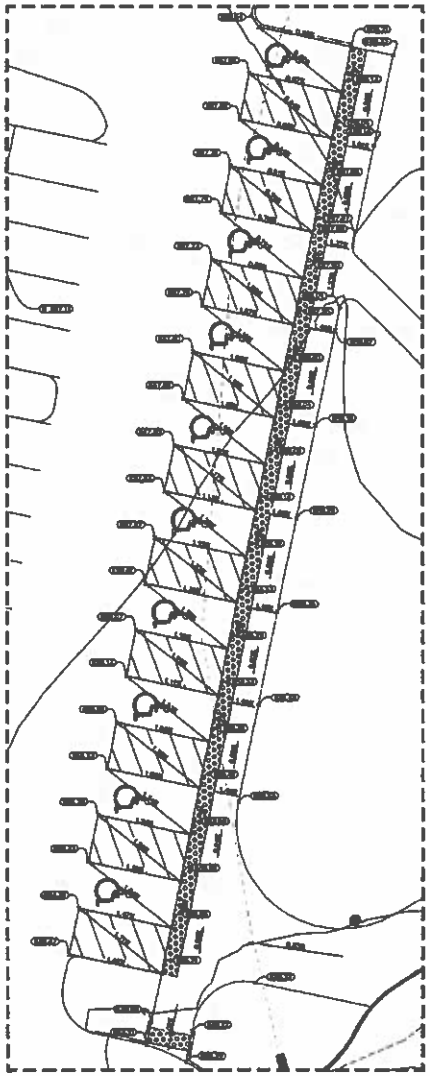
ORIGINAL ISSUE: 12/18/2020

KHA PROJECT NO. 069600001

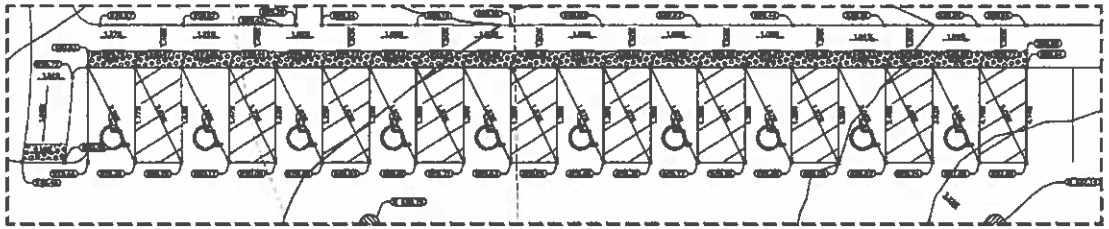
SHEET NUMBER

C4.8

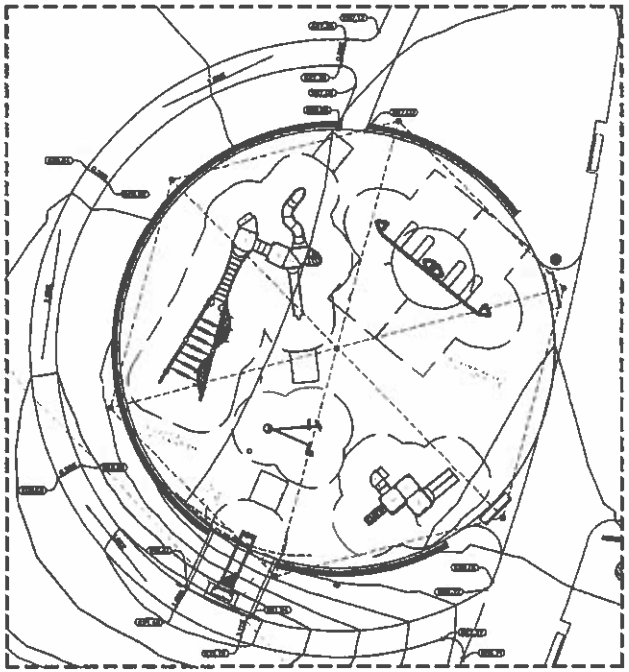
ISSUED FOR BID



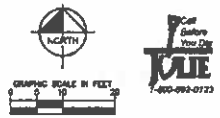
ADA BLOWUP 2



ADA BLOWUP 1



ADA BLOWUP 3



GRADING LEGEND

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- REVERSED PITCH CURB AND GUTTER
- ACCESSIBLE ROUTE
- RIP RAP (SEE DETAILS)

REVISIONS		
A	SDR — ISSUED FOR CLIENT REVIEW	03/29/24 ET
A	SDR — ISSUED FOR CLIENT REVIEW	03/01/24 ET
A	PDR — ISSUED FOR CLIENT REVIEW	02/05/24 ET
A	SDR — ISSUED FOR CLIENT REVIEW	01/08/24 DG
NO.	REVISIONS	DATE BY

Kimley»Horn

BRADLEY

ADA GRADING DETAILS

BRADLEY SPORTS COMPLEX

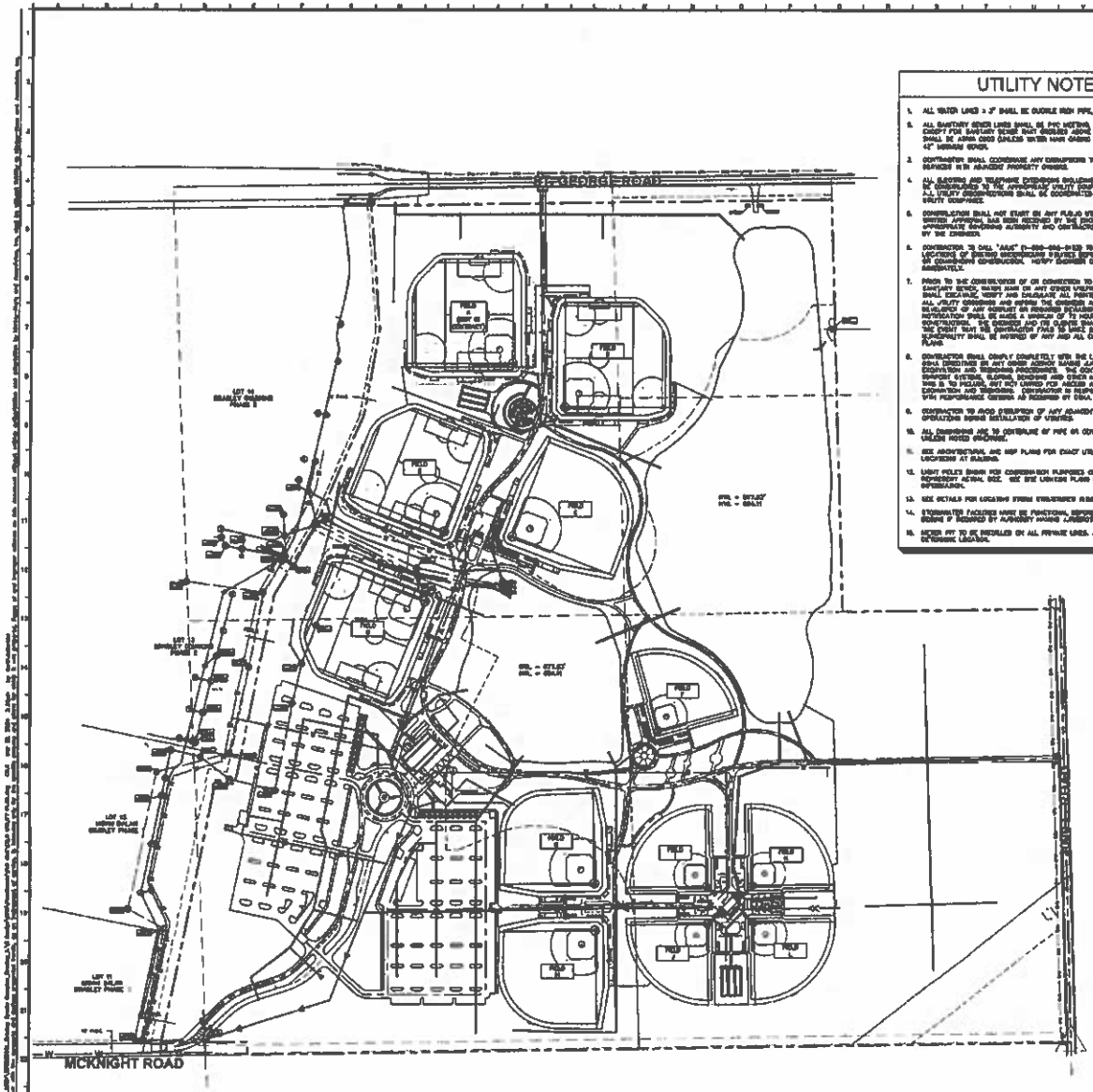
ORIGINAL ISSUE: 01/03/2024

KHA PROJECT NO. 069000604

SHEET NUMBER

C4.9

ISSUED FOR BID



UTILITY NOTES

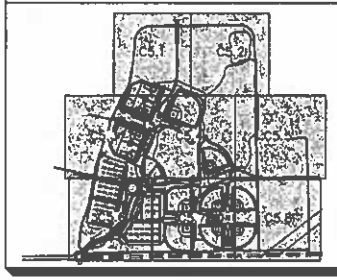
1. ALL WATER LINES > 3" SHALL BE DUCTILE IRON PIPE, CLASS 52.
2. ALL SANITARY SEWER LINES SHALL BE PVC MATERIAL ASTM D-3034 SDR 26 EXCEPT FOR SANITARY SEWER THAT CROSSES ABOVE WATER MAIN. SAME PIPE SHALL BE ASTM D003 (UNLESS WATER MAIN CROSSES 2 UNLESS). PROVIDE 12" MINIMUM COVER.
3. CONTRACTOR SHALL COORDINATE ANY CONNECTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
4. ALL ELECTRICAL AND TELEPHONE EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY CONSTRUCTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
5. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
6. CONTRACTOR TO CALL "JULIE" (1-800-892-0123) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE EXCAVATING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
7. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND AN OWNER'S REPRESENTATIVE OF ANY CONFLICTS OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND OR OWNER SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH VERIFICATIONS. THE AUTHORITY SHALL BE NOTIFIED OF ANY AND ALL CHANGES TO THE DESIGN PLANS.
8. CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA, STATED OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BOARDING AND OTHER MEANS OF PROTECTION, AND IS TO PROVIDE ANY AND LABOR FOR ACCESS AND EXITS FROM ALL EXCAVATION AND TRENCHES. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED BY OSHA.
9. CONTRACTOR TO AVOID OBSTRUCTION OF ANY ADJACENT TENANT'S TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
10. ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
11. SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
12. LIGHT POLES SHOWN FOR COORDINATION PURPOSES ONLY AND DO NOT REPRESENT AERIAL SIZE. SEE SITE LIGHTING PLANS BY OTHERS FOR MORE INFORMATION.
13. SEE DETAILS FOR LOCATING STORM STRUCTURES ALIGN THE CURB LINE.
14. STORMWATER FACILITIES MUST BE FUNCTIONAL BEFORE BUILDING CONSTRUCTION BEGINS IF REQUIRED BY AUTHORITY HAVING JURISDICTION.
15. METER PIT TO BE INSTALLED ON ALL PRIVATE LINES. ABOVE AMERICA TO REMAIN CLEAN.

NORTH

GRAPHIC SCALE IN FEET
0 75 150 300

Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



UTILITY LEGEND

- PROPOSED UNDERGROUND ELECTRIC LINE
- GAS LINE (BY GAS COMPANY)
- PROPOSED PHONE LINE
- PROPOSED STORM SEWER LINE
- PROPOSED GRATE LID STORM SEWER/INLET (STANDARD MSE MODIFIED R-3846) (SEE MSE MODIFIED R-4349-3 DETAIL)
- PROPOSED CLOSED LID STORM STRUCTURE (STANDARD MSE MODIFIED R-1750) (SEE MSE MODIFIED R-1750)
- PROPOSED STORMWATER OUTFALL (SEE MSE MODIFIED R-3881-A)
- PROPOSED FLARED END SECTION
- PROPOSED SANITARY FORCEMAIN
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM/SANITARY CLEANOUT
- PROPOSED WATER LINE
- PROPOSED VALVE VAULT
- PROPOSED VALVE BOX
- PROPOSED FIRE HYDRANT
- PROPOSED LIGHT POLE
- PROPOSED TRANSFORMER PAD (PER ELEVATION VAULT)
- RP BAP (SEE DETAILS)

4	ISSUED FOR BID	01/08/24	ET
3	SITE PLAN REVIEW	12/01/23	ET
2	75% - ISSUED FOR CLIENT REVIEW	11/09/23	ET
1	50% - ISSUED FOR CLIENT REVIEW	10/26/23	SB
	30% - ISSUED FOR CLIENT REVIEW	09/29/23	SB
	REVISIONS	DATE	BY

Kimley»Horn

BRADLEY

UTILITY PLAN

BRADLEY SPORTS COMPLEX

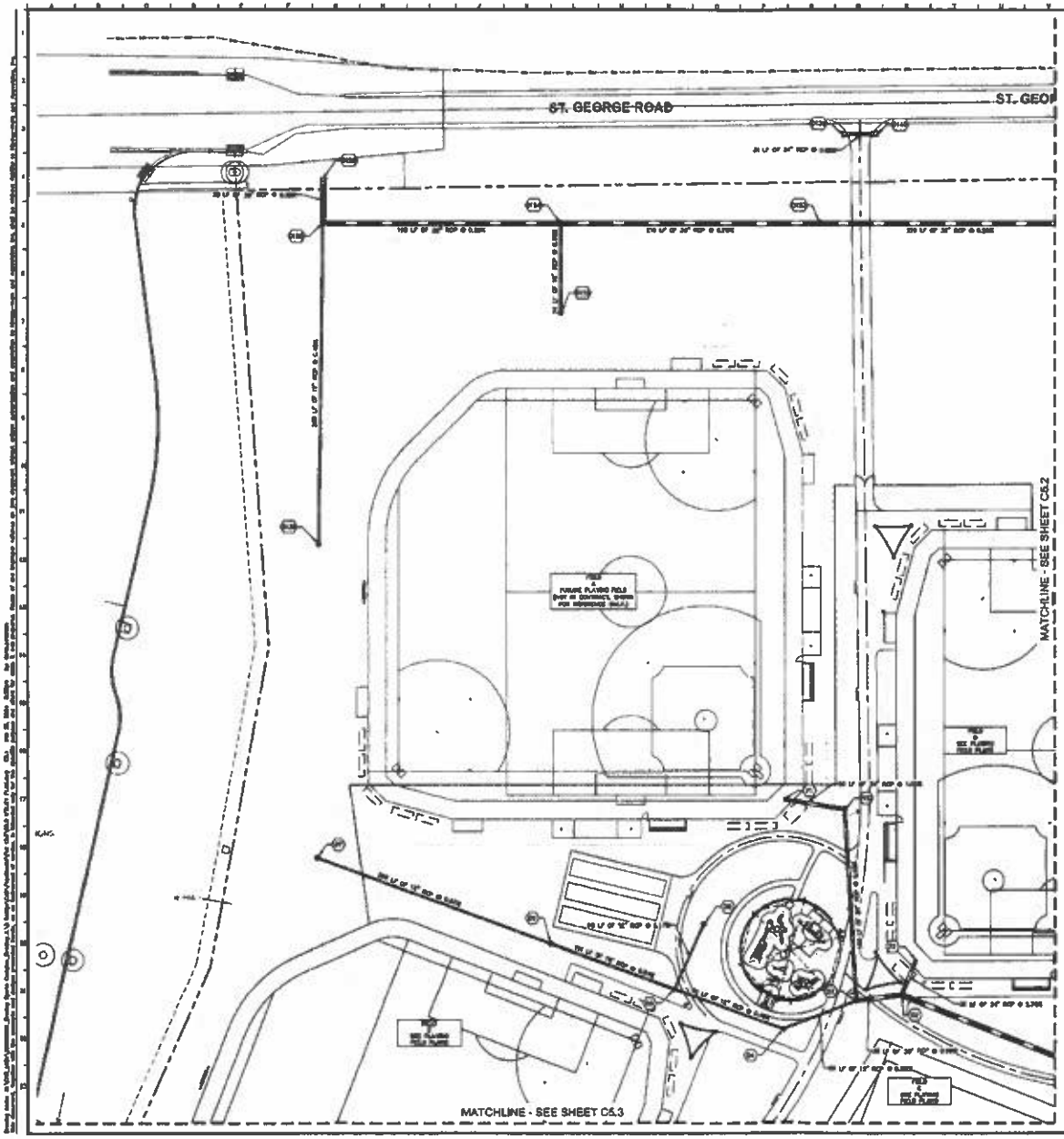
1750 S. BRADLEY ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE
01/08/2024

KHA PROJECT NO.
069300001

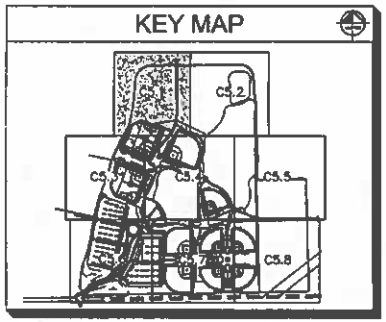
SHEET NUMBER
C5.0

ISSUED FOR BID



Call Before You Dig
JULIE
1-800-892-0123

KEY MAP



S1	SN - CLOSED LID RIM 600.64 INV IN 579.34 (N, 24") INV IN 579.34 (W, 24") INV OUT 578.28 (S, 24")
S2	SN - CLOSED LID RIM 600.54 INV IN 580.43 (N, 24") INV IN 579.43 (W, 24") INV OUT 579.43 (S, 24")
S4	SN - CLOSED LID RIM 600.52 INV IN 580.63 (N, 12") INV OUT 580.63 (S, 12")
S5	SN - CLOSED LID RIM 600.60 INV IN 581.20 (N, 12") INV IN 581.20 (S, 12") INV OUT 581.20 (E, 12")
S6	SN - CLOSED LID RIM 600.60 INV IN 581.40 (N, 12") INV OUT 581.40 (S, 12")
S7	5' INLET RIM 600.67 INV OUT 582.20 (S, 12")
S8	SN - CLOSED LID RIM 600.72 INV OUT 582.20 (SW, 12")
S123	SN - CLOSED LID RIM 597.42 INV IN 579.17 (E, 24") INV OUT 579.17 (W, 24")
S124	SN - CLOSED LID RIM 599.00 INV IN 577.34 (E, 24") INV IN 577.34 (W, 24") INV OUT 577.24 (N, 24")
S125	SN - CLOSED LID OUTLET DOWNER GRADE 2 CBS 20 MILLS RIM 597.70 INV IN 576.40 (E, 24") INV IN 576.40 (W, 24") INV OUT 576.30 (S, 24")
S126	FES RIM 599.67 INV IN 576.40 (N, 24")
S127	SN - CLOSED LID REMOVED PER CONTRACTOR RIM 597.30 INV IN 576.40 (N, 24") INV OUT 576.40 (S, 24")
S128	SN - CLOSED LID RIM 599.00 INV OUT 600.04 (S, 12")
S129	5' INLET RIM 599.00 INV OUT 600.00 (S, 12")
S130	FES RIM 599.00 INV IN 576.40 (N, 24")
S140	FES RIM 599.40 INV OUT 576.01 (N, 24")
F1	FIELD CONNECTION RIM 599.00 INV OUT 600.40 (S, 24")
F2	FIELD CONNECTION RIM 597.00 INV OUT 576.00 (S, 24")

UTILITY LEGEND

	PROPOSED UNDERGROUND ELECTRIC LINE
	GAS LINE (BY GAS COMPANY)
	PROPOSED PHONE LINE
	PROPOSED STORM SEWER LINE
	PROPOSED STORM LID STORM STRUCTURE (PARAGRAPH SEE MEDIAN R-3040) (SEARCH SEE MEDIAN R-4040-B SEDONA)
	PROPOSED CLOSED LID STORM STRUCTURE (PARAGRAPH SEE MEDIAN R-1713) (SEARCH SEE MEDIAN R-1700)
	PROPOSED CONNECTION CURB INLET (BELLE CRM LINE MEDIAN R-320-A)
	PROPOSED FLARED END SECTION
	PROPOSED SANITARY FORCEMAIN
	PROPOSED SANITARY SEWER LINE
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM/SANITARY CLEANOUT
	PROPOSED WATER LINE
	PROPOSED VALVE VAULT
	PROPOSED VALVE BOX
	PROPOSED FIRE HYDRANT
	PROPOSED LIGHT POLE
	PROPOSED TRANSFORMER PAD (FOR REFERENCE ONLY)
	RP RAP (SEE DETAIL)

A	2/26 - ISSUED FOR CLIENT REVIEW	03/26/24 CT
A	7/26 - ISSUED FOR CLIENT REVIEW	05/01/24 CT
A	9/26 - ISSUED FOR CLIENT REVIEW	06/28/24 CT
A	10/26 - ISSUED FOR CLIENT REVIEW	07/26/24 CT
REV	REVISIONS	DATE BY

Kimley»Horn
© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
4201 WINFIELD ROAD, SUITE 600
WARRENVILLE, IL 60555
PHONE: 630-487-5550
WWW.KIMLEY-HORN.COM
CONTACT: JASON M. SCHAFER, PE

SCALE AS NOTED
DESIGNED BY: CMS
DRAWN BY: SAP
CHECKED BY: CJT

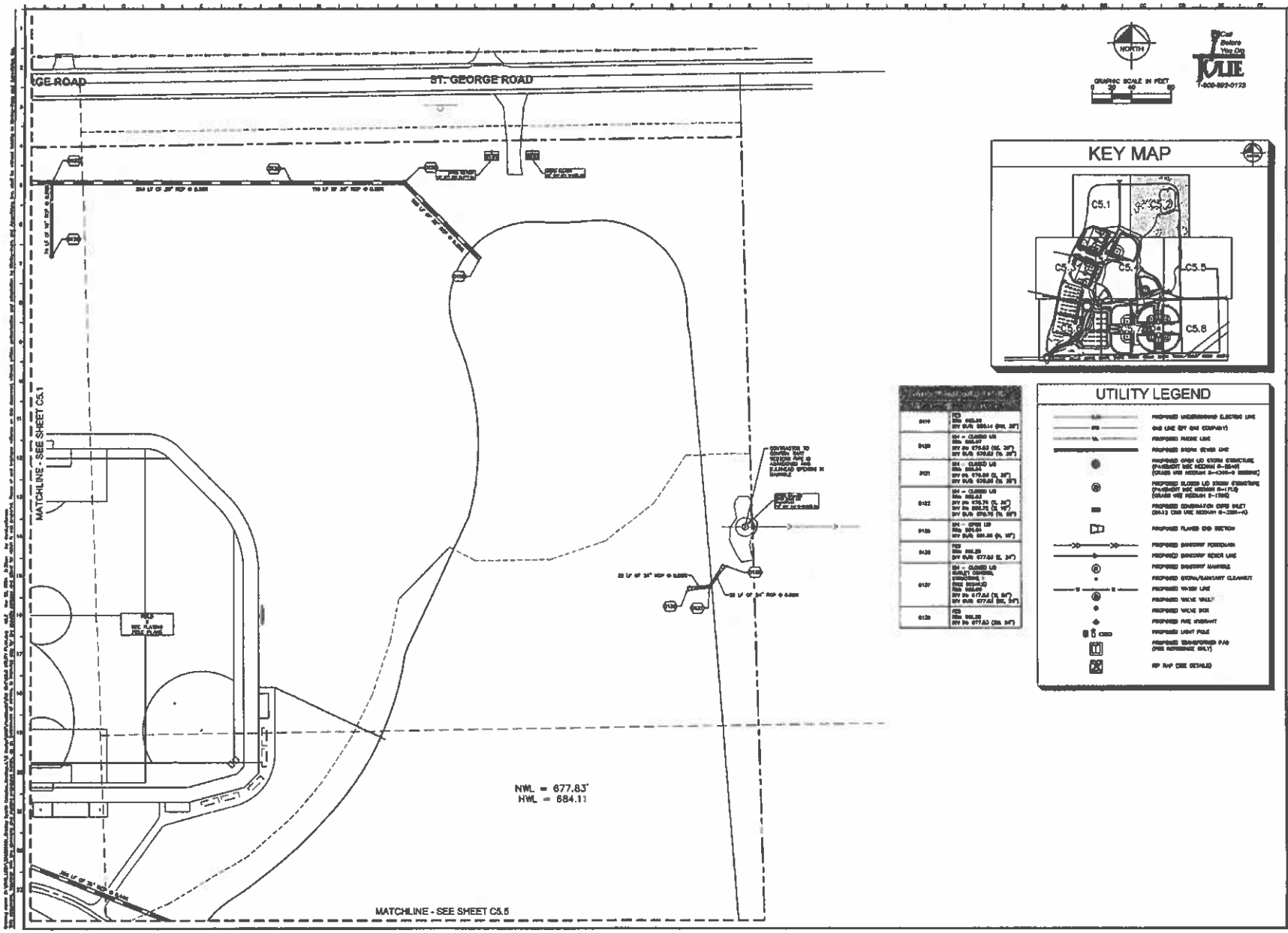
BRADLEY

UTILITY PLAN

BRADLEY SPORTS COMPLEX
1799 E SCHON ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/08/2024
KHA PROJECT NO. 285300001
SHEET NUMBER
C5.1

ISSUED FOR BID


ST. GEORGE ROAD
MATCHLINE - SEE SHEET C5.1
MATCHLINE - SEE SHEET C5.5
NWL = 677.83'
HWL = 684.11
NORTH
GRAPHIC SCALE IN FEET
Call Before You Dig
1-800-552-0123
KEY MAP
C5.1
C5.4
C5.5
C5.8
UTILITY LEGEND
Kimley»Horn
BRADLEY
UTILITY PLAN
BRADLEY SPORTS COMPLEX
ORIGINAL ISSUED
KHA PROJECT NO.
SHEET NUMBER
C5.2
ISSUED FOR BID

ISSUED FOR BID

BRADLEY SPORTS COMPLEX	UTILITY PLAN
C5.3	

BRADLEY

Kimley»Horn

REVISIONS		
BOX – REVISED PER CLIENT REVIEW	02/10/21	DG
TWC – REVISED PER CLIENT REVIEW	02/09/21	CT
BOX – REVISED PER CLIENT REVIEW	02/10/21	CT
BULLETIN 1	02/02/21	CT

KEY MAP

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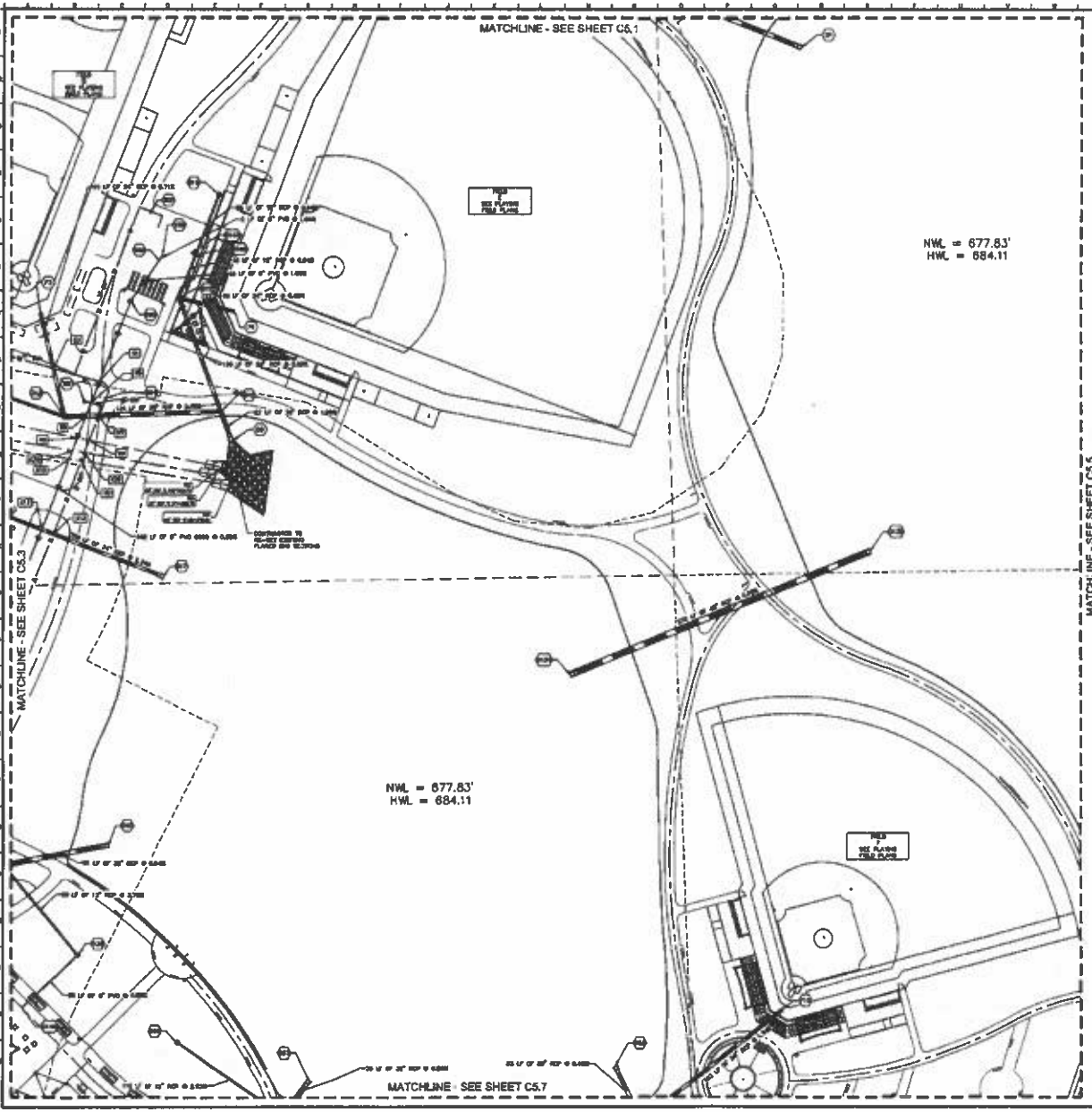
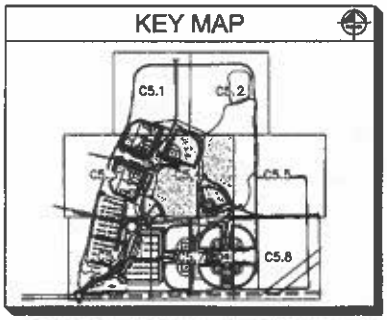
MATCHLINE - SEE SHEET C5.1

MATCHLINE - SEE SHEET C5.8



Call Before You Dig
1-800-892-0123

KEY MAP



01	FES RIM: 678.00 INV IN: 676.00 (S, 24")
06	FES RIM: 681.00 INV IN: 679.00 (S, 24")
010	MH – CLOSED LID RIM: 681.33 INV IN: 679.00 (N, 24") INV IN: 679.00 (E, 24") INV OUT: 679.00 (S, 24")
011	MH – CLOSED LID RIM: 681.00 INV IN: 679.00 (N, 12") INV IN: 679.00 (E, 24") INV OUT: 679.00 (S, 24")
013	MH – OPEN LID RIM: 682.20 INV OUT: 679.00 (S, 12")
014	MH – OPEN LID RIM: 682.70 INV IN: 680.20 (N, 24") INV IN: 680.20 (E, 24") INV OUT: 680.20 (S, 24")
017	FES RIM: 679.00 INV IN: 676.00 (N, 24")
018	FES RIM: 679.00 INV IN: 676.00 (N, 24")
030	MH – OPEN LID RIM: 684.10 INV OUT: 680.00 (NW, 12") INV OUT: 680.00 (SE, 12")
037	FES RIM: 680.00 INV IN: 678.00 (SW, 24")

038	MH – OPEN LID RIM: 680.00 INV IN: 678.00 (NE, 12")
043	FES RIM: 679.00 INV IN: 676.00 (NE, 24")
045A	FES RIM: 680.15 INV IN: 678.00 (E, 48")
045B	FES RIM: 680.15 INV IN: 678.00 (N, 48")
046	MH RIM: 680.00 INV IN: 680.07 (N, 12") INV OUT: 680.07 (N, 12") INV OUT: 680.07 (SE, 6")
047	BOOT GRATE STAND RIM: 680.20 INV IN: 680.00 (E, 6")
048	BOOT GRATE STAND RIM: 680.20 INV IN: 680.00 (NE, 6")
F3	FIELD CONNECTION RIM: 680.00 INV OUT: 680.00 (S, 24")
F4	FIELD CONNECTION RIM: 680.00 INV OUT: 680.00 (N, 24")
F12	FIELD CONNECTION RIM: 680.00 INV OUT: 679.00 (SW, 24")

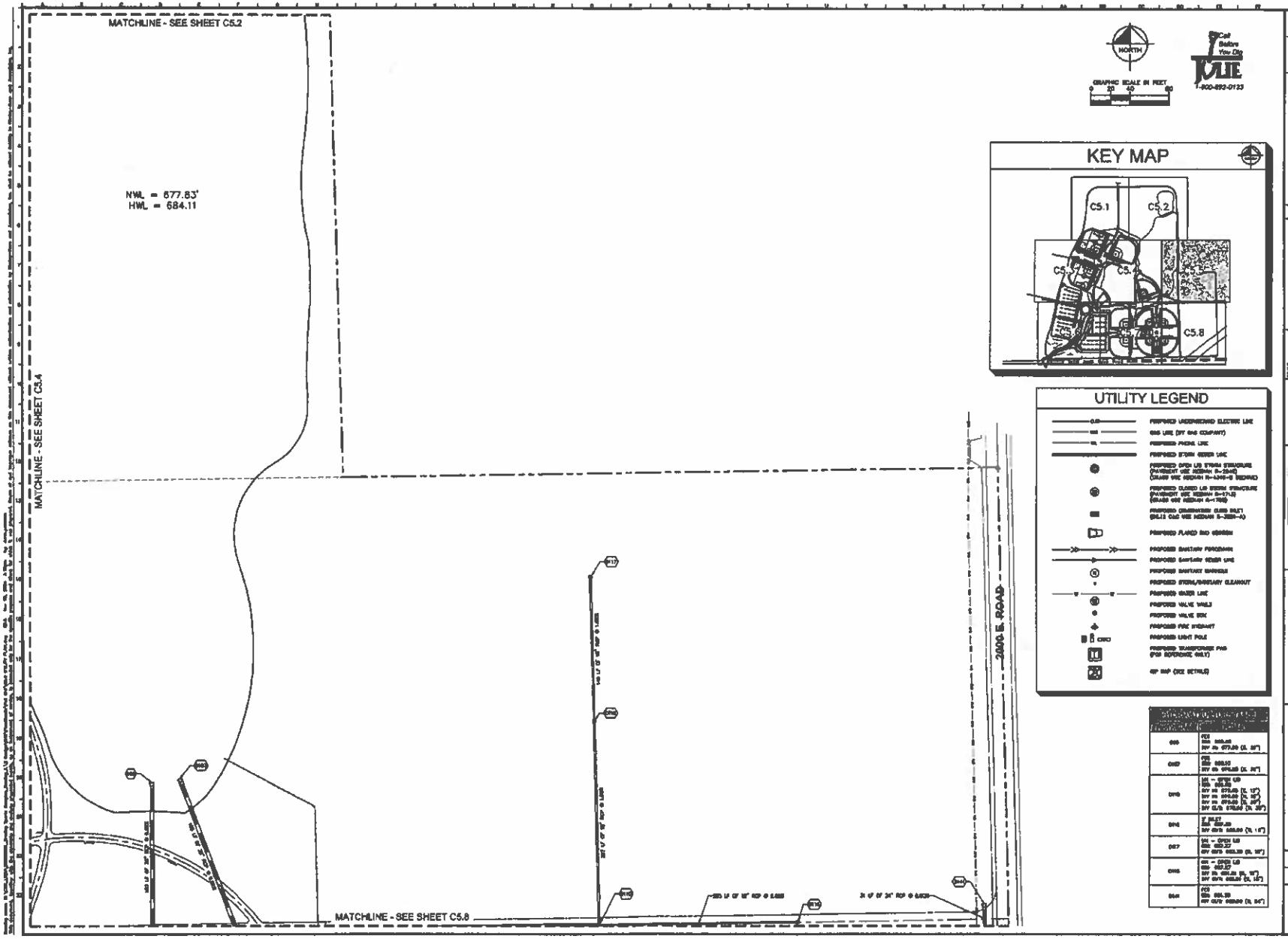
024	MH RIM: 680.04 INV IN: 680.00 (NE, 6") INV OUT: 680.00 (E, 6")
029	6" CLEANOUT RIM: 680.00 INV IN: 680.00 (NE, 6") INV OUT: 680.00 (NW, 6")

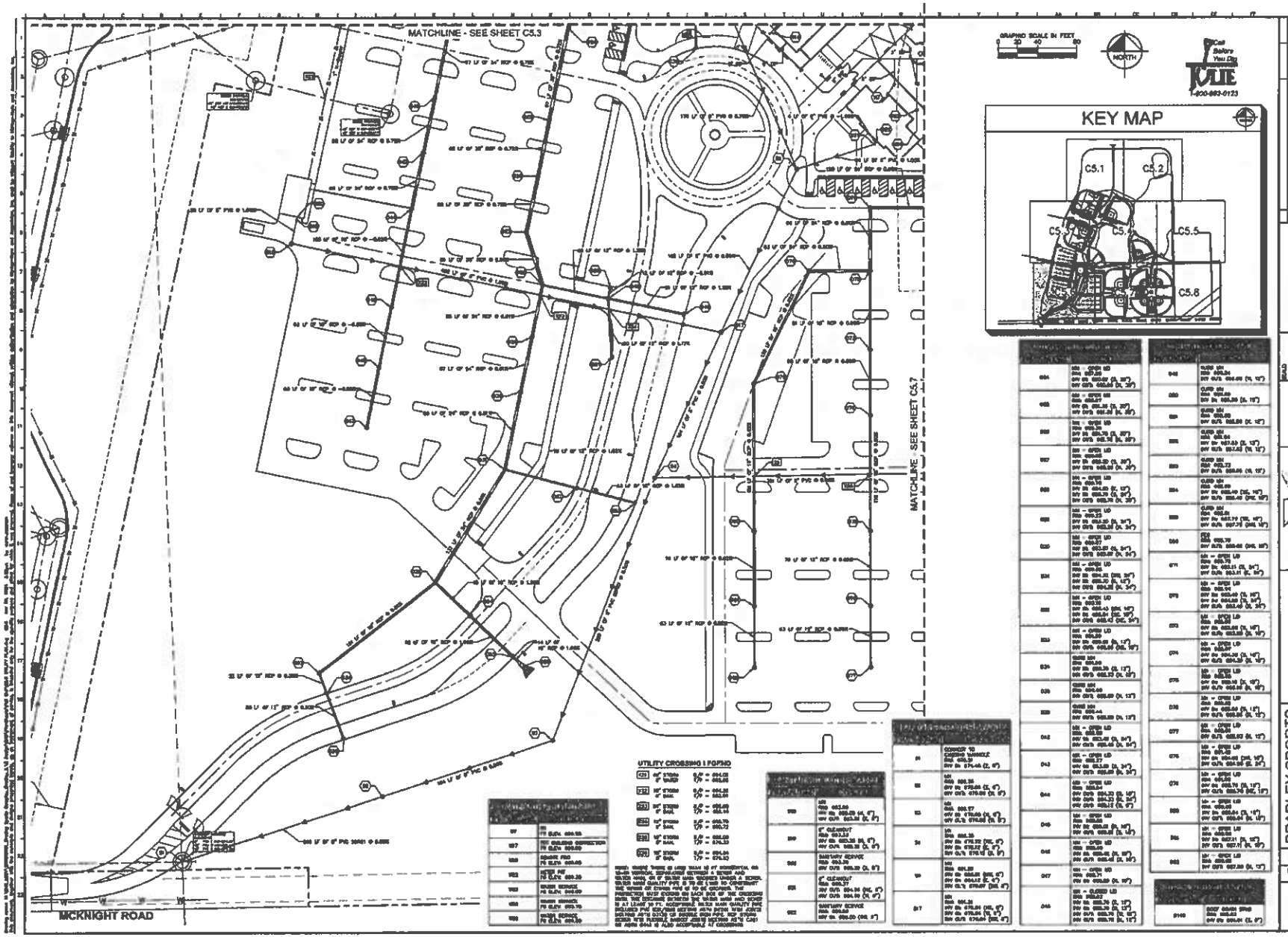
19	FG FG ELEV: 680.00
19A	WALK FG ELEV: 680.00
19B	WATER SERVICE FG ELEV: 680.30
19C	SEWER PIT FG ELEV: 680.01

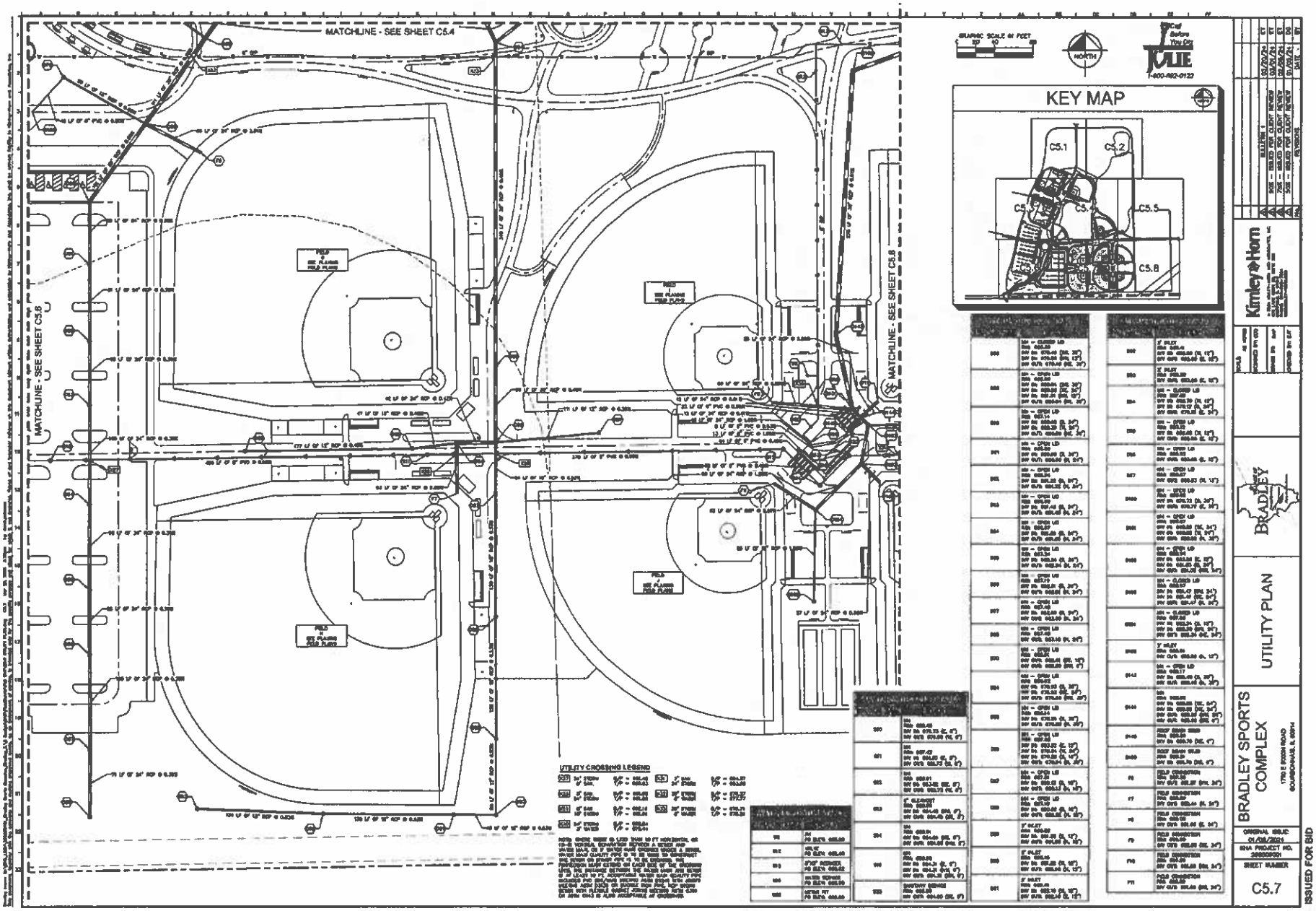
UTILITY CROSSING LEGEND

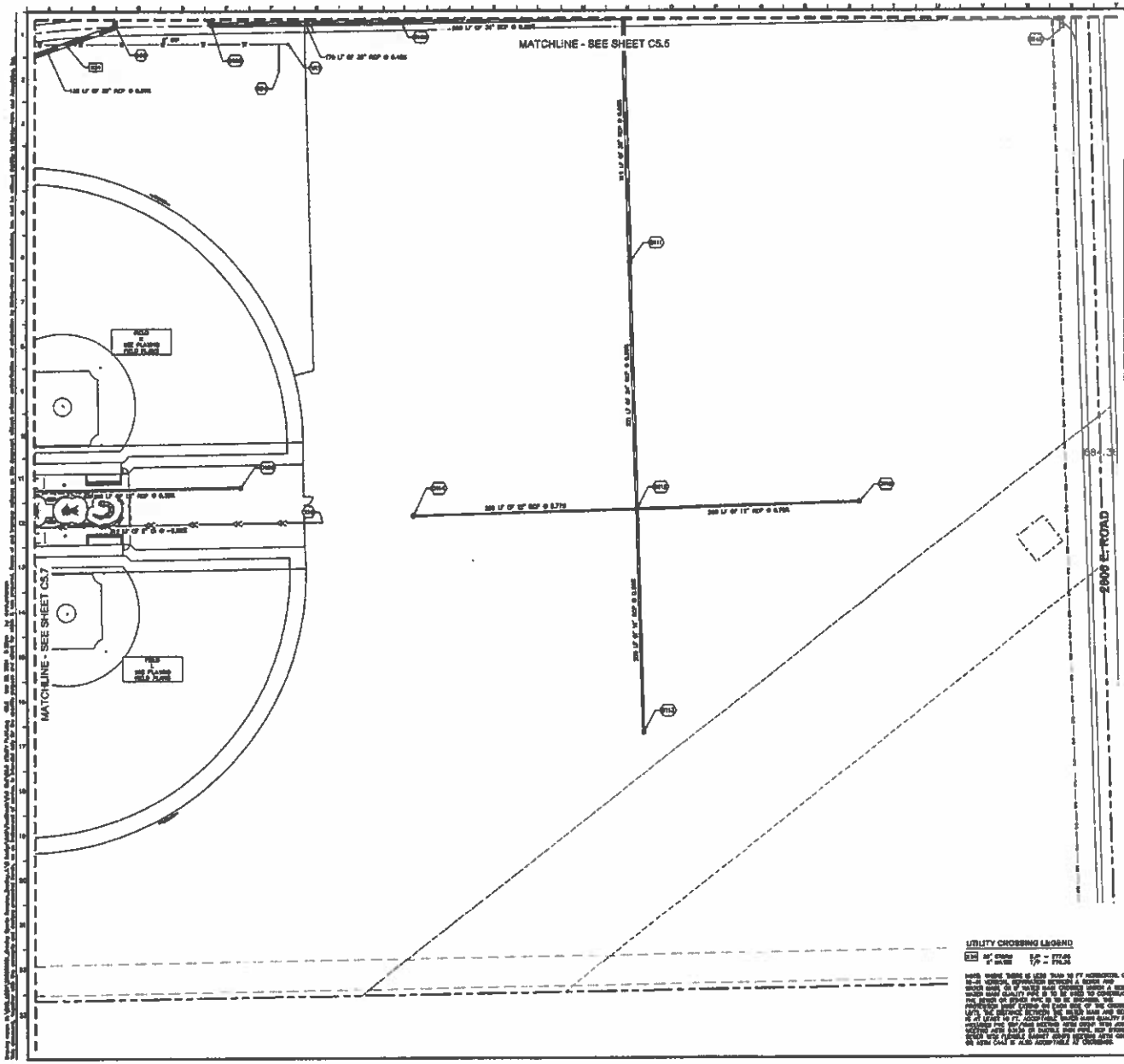
1	12" WATER 12" SANITARY	12" = 677.00 12" = 680.00	6	12" SANITARY 12" STORM	12" = 680.00 12" = 680.00	11	12" WATER 12" STORM	12" = 680.00 12" = 680.00
2	12" WATER 12" STORM	12" = 677.00 12" = 680.00	7	12" WATER 12" STORM	12" = 680.00 12" = 680.00	12	12" SANITARY 12" STORM	12" = 680.00 12" = 680.00
3	12" WATER 12" SANITARY	12" = 677.00 12" = 680.00	8	12" WATER 12" STORM	12" = 680.00 12" = 680.00	13	12" WATER 12" STORM	12" = 680.00 12" = 680.00
4	12" WATER 12" STORM	12" = 677.00 12" = 680.00	9	12" WATER 12" STORM	12" = 680.00 12" = 680.00	14	12" WATER 12" STORM	12" = 680.00 12" = 680.00
5	12" WATER 12" STORM	12" = 677.00 12" = 680.00	10	12" SANITARY 12" STORM	12" = 680.00 12" = 680.00	15	12" WATER 12" STORM	12" = 680.00 12" = 680.00

NOTE: SEWER PIPES AT LEAST 18 INCHES BELOW WATER PIPES. IF SEWER PIPE IS ABOVE WATER PIPE, SEWER PIPE MUST BE CONCRETE ENCASED. IF SEWER PIPE IS 18 INCHES OR LESS BELOW

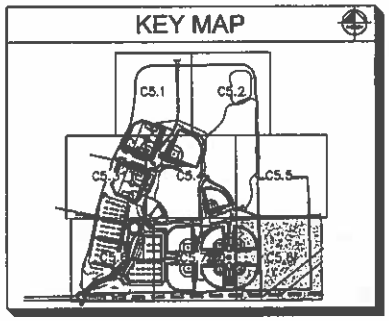

MATCHLINE - SEE SHEET C5.2
MATCHLINE - SEE SHEET C5.4
MATCHLINE - SEE SHEET C5.8
NWL = 677.83'
HWL = 684.11
2000 E. ROAD
NORTH
GRAPHIC SCALE IN FEET
0 20 40 80
Call Before You Dig
JULIE
1-800-892-0123
KEY MAP
C5.1
C5.2
C5.7
C5.4
C5.8
UTILITY LEGEND
PROPOSED UNDERGROUND ELECTRIC LINE
GAS LINE (BY GAS COMPANY)
PROPOSED PHONE LINE
PROPOSED STORM SEWER LINE
PROPOSED OPEN LID STORM STRUCTURE
PROPOSED CLOSED LID STORM STRUCTURE
PROPOSED CONDENSATION CURB INLET
PROPOSED PLANTED SOD SEEDED
PROPOSED SANITARY FORCEMAIN
PROPOSED SANITARY SEWER LINE
PROPOSED SANITARY MANHOLE
PROPOSED STORM/SANITARY CLEANOUT
PROPOSED WATER LINE
PROPOSED VALVE VAULT
PROPOSED VALVE BOX
PROPOSED FIRE HYDRANT
PROPOSED LIGHT POLE
PROPOSED TRANSFORMER PAD (FOR REFERENCE ONLY)
HP MAP (SEE DETAILS)
Kimley»Horn
BRADLEY
UTILITY PLAN
BRADLEY SPORTS COMPLEX
1770 E 2000N ROAD
BOURBONNAIS, IL 60914
ORIGINAL ISSUE:
01/08/2024
KHA PROJECT NO.
SHEET NUMBER
C5.5
ISSUED FOR BID


MATCHLINE - SEE SHEET C5.3
MATCHLINE - SEE SHEET C5.7
MCKNIGHT ROAD
GRAPHIC SCALE IN FEET
NORTH
Call Before You Dig
1-800-892-0123
KEY MAP
C5.1
C5.2
C5.3
C5.4
C5.5
C5.6
C5.7
C5.8
UTILITY CROSSING I.D/FND
Kimley»Horn
BRADLEY
BRADLEY SPORTS COMPLEX
UTILITY PLAN
ORIGINAL ISSUED: 01/09/2024
KHA PROJECT NO. 285000001
SHEET NUMBER
C5.6
ISSUED FOR BID


MATCHLINE - SEE SHEET C5.4
MATCHLINE - SEE SHEET C5.6
MATCHLINE - SEE SHEET C5.8
KEY MAP
C5.1
C5.2
C5.4
C5.5
C5.6
C5.8
GRAPHIC SCALE IN FEET
NORTH
Call Before You Dig
JULIE
1-800-892-0123
UTILITY CROSSING LEGEND
Kimley»Horn
BRADLEY
UTILITY PLAN
BRADLEY SPORTS COMPLEX
17915 S ROOKH ROAD
BOURBONNAIS, IL 60914
ORIGINAL ISSUE:
01/08/2024
KHA PROJECT NO.
SHEET NUMBER
C5.7
ISSUED FOR BID
REVISIONS



KEY MAP



UTILITY LEGEND

- PROPOSED UNDERGROUND ELECTRIC LINE
- GAS LINE (BY GAS COMPANY)
- PROPOSED PHONE LINE
- PROPOSED STORM SEWER LINE
- PROPOSED OPEN LID STORM STRUCTURE
- PROPOSED CLOSED LID STORM STRUCTURE
- PROPOSED CONSTRUCTION CURB INLET
- PROPOSED FLARED END SECTION
- PROPOSED SANITARY FORCEMAIN
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM/SANITARY CLEANOUT
- PROPOSED WATER LINE
- PROPOSED VALVE VAULT
- PROPOSED VALVE BOX
- PROPOSED FIRE HYDRANT
- PROPOSED LIGHT POLE
- PROPOSED TRANSFORMER PAD (FOR REFERENCE ONLY)
- RIP RAP (SEE DETAIL)

2000	MH – CLOSED LID RIM: 600.00 INV IN: 577.43 (N, 36") INV OUT: 577.33 (N, 36")
2100	MH – OPEN LID RIM: 599.50 INV IN: 574.35 (N, 15") INV OUT: 574.25 (N, 15")
2200	MH – OPEN LID RIM: 604.50 INV IN: 573.75 (E, 24") INV OUT: 573.35 (N, 36")
2310	MH – OPEN LID RIM: 605.00 INV IN: 576.00 (E, 15") INV IN: 575.60 (W, 24") INV IN: 575.60 (S, 24") INV OUT: 575.50 (N, 36")
2311	MH – OPEN LID INV IN: 580.00 (S, 24") INV OUT: 579.50 (N, 36")
2312	MH – OPEN LID RIM: 585.00 INV IN: 582.24 (W, 15") INV IN: 582.24 (E, 15") INV IN: 582.24 (S, 24") INV OUT: 582.14 (N, 24")

2412	5' INLET RIM: 590.34 INV OUT: 588.40 (N, 36")
2414	5' INLET RIM: 587.33 INV OUT: 585.80 (E, 15")
2416	5' INLET RIM: 587.33 INV OUT: 585.80 (N, 15")
2142	FES RIM: 591.50 INV IN: 588.00 (N, 24")

101	CAP AND PLUG FOR FUTURE CONNECTION FG ELEV: 588.40
100	FES FG ELEV: 588.00

UTILITY CROSSING LEGEND

24" STORM 8" WATER	F/P = 777.00 T/P = 776.35

NOTE: WHERE THERE IS LESS THAN 18 FT HORIZONTAL OR 18-24 VERTICAL SEPARATION BETWEEN A SEWER AND WATER MAIN OR 4" WATER MAIN CROSSED UNDER A SEWER, WATER MAIN QUALITY PIPE IS TO BE USED TO CONSTRUCT THE SEWER OR STORM PIPE IS TO BE ENCASED. THE PROTECTION MUST EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE DISTANCE BETWEEN THE SEWER MAIN AND WATER IS AT LEAST 10 FT. ACCEPTABLE WATER MAIN QUALITY PIPE INCLUDES DIP, SDR-26 PVC, SCHEDULE 40 PVC, AND ASTM 2241 PVC. ALL STORM SEWER WITH FLEXIBLE JOINTS MUST EXTEND BEYOND ANY OTHER STORM SEWER WITH FLEXIBLE JOINTS. RIGID STORM SEWER MAY CROSS OVER WATER MAIN WITH 18" CLEARANCE.

REVISIONS			
1	SUBMITTAL 1	03/20/24	CT
2	90% – ISSUED FOR CLIENT REVIEW	05/07/24	ET
3	75% – ISSUED FOR CLIENT REVIEW	02/26/24	ET
4	30% – ISSUED FOR CLIENT REVIEW	01/25/24	DG
No.		DATE	BY

Kimley»Horn

AS NOTED
DESIGNED BY: CMH
DRAWN BY: SAP
CHECKED BY: SAP

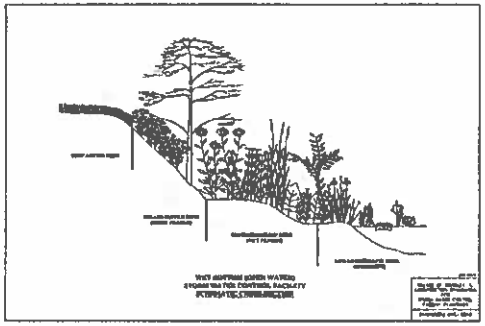
BRADLEY

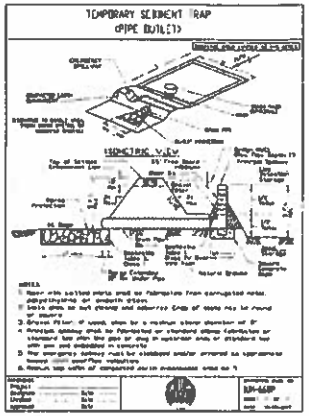
UTILITY PLAN

BRADLEY SPORTS COMPLEX
1700 E. COOK ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUED
01/05/2024
KHA PROJECT NO.
[illegible]
SHEET NUMBER
C5.8

ISSUED FOR BID





STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING				A			*	*				
DORMANT SEEDING	B										B	
TEMPORARY SEEDING				C				D				
MULCHING				E								
BLANKETS	F											

A. FERTILIZER GUARANTEED TO USE/ACRE MIXED WITH PERENNIAL RYEGRASS AT 50 LBS/ACRE

B. FERTILIZER GUARANTEED TO USE/ACRE MIXED WITH PERENNIAL RYEGRASS AT 40 LBS/ACRE + 2 POUNDS WARM WEATHER/ACRE

C. SEEDING RATE 100 LBS/ACRE

D. SHEAR OR DISCING, 1 TON HAY MULCH/ACRE

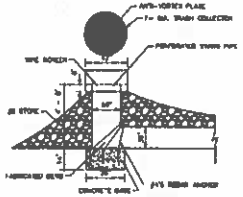
E. 1 TON

F. STRAW MULCH 2 TONS/ACRE

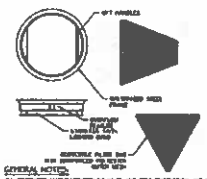
* SEEDING MIXTURE DURING JUNE AND JULY

** SEEDING MIXTURE FOR 2 TO 3 WEEKS AFTER APPLYING SOD

SEEDING CHART

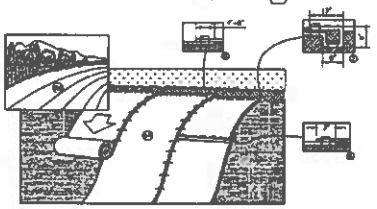


TEMPORARY STANDPIPE DETAIL

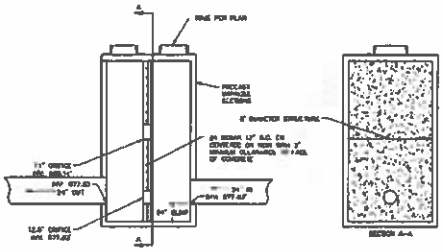


GENERAL NOTES:

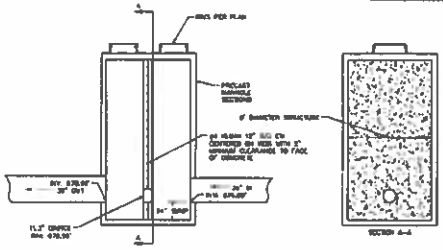
INLET PROTECTION (IP)



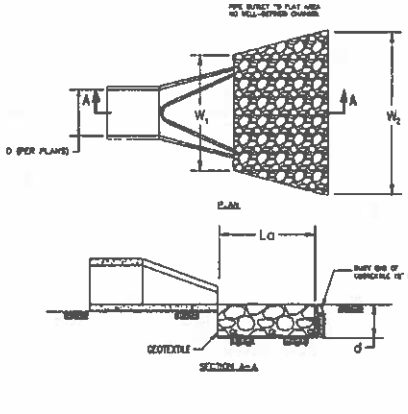
EROSION CONTROL BLANKET (SLOPE INSTALLATION)



OUTLET CONTROL STRUCTURE 1

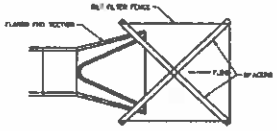


OUTLET CONTROL STRUCTURE 2

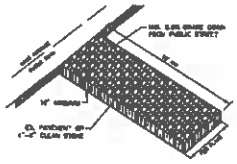


RIP RAP DETAIL OUTLET PROTECTION

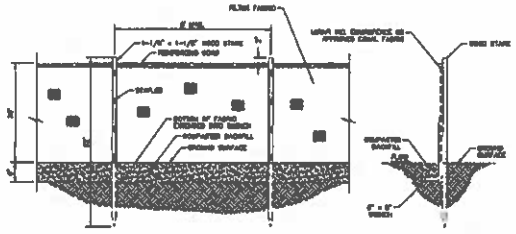
INLET PIPE SIZE d (IN)	LENGTH OF APRON La (FT)	ROCK GRADATION (NOM)	WIDTH OF APRON W2 FACE (FT)	WIDTH OF APRON W1 FACE (FT)	DEPTH OF RIPRAP d (IN)
12	12	RR-3	3.00	13.00	18
15	12	RR-3	3.75	13.50	18
18	16	RR-4	4.50	17.50	20
21	16	RR-4	5.25	18.25	20
24	20	RR-4	6.00	22.00	20
27	20	RR-4	6.75	22.50	20
30	22	RR-4	7.50	24.50	20
36	24	RR-5	9.00	27.00	20
42	24	RR-6	10.50	27.00	20
48	28	RR-6	12.00	32.00	32
54	28	RR-6	13.50	32.00	32
60	30	RR-6	15.00	34.00	32
72	44	RR-6	18.00	50.00	32



CULVERT INLET PROTECTION (FE)



CONSTRUCTION ENTRANCE (CE)



FRONT VIEW

SIDE VIEW

SEDIMENTATION/BILT FENCE (SF)

REV.	DESCRIPTION	DATE	BY
A	BULLETIN 1		
A	BULLETIN 2		
A	BULLETIN 3		
A	BULLETIN 4		
REV.	DESCRIPTION	DATE	BY
1	ISSUED FOR COURT REVIEW	03/20/24	ET
2	ISSUED FOR CLIENT REVIEW	03/05/24	ET
3	ISSUED FOR CLIENT REVIEW	05/06/24	ET
4	ISSUED FOR BID	06/06/24	ET

Kimley»Horn

BRADLEY

CONSTRUCTION DETAILS

BRADLEY SPORTS COMPLEX

1700 E BROOM ROAD
BOURBONNAIS, IL 60914

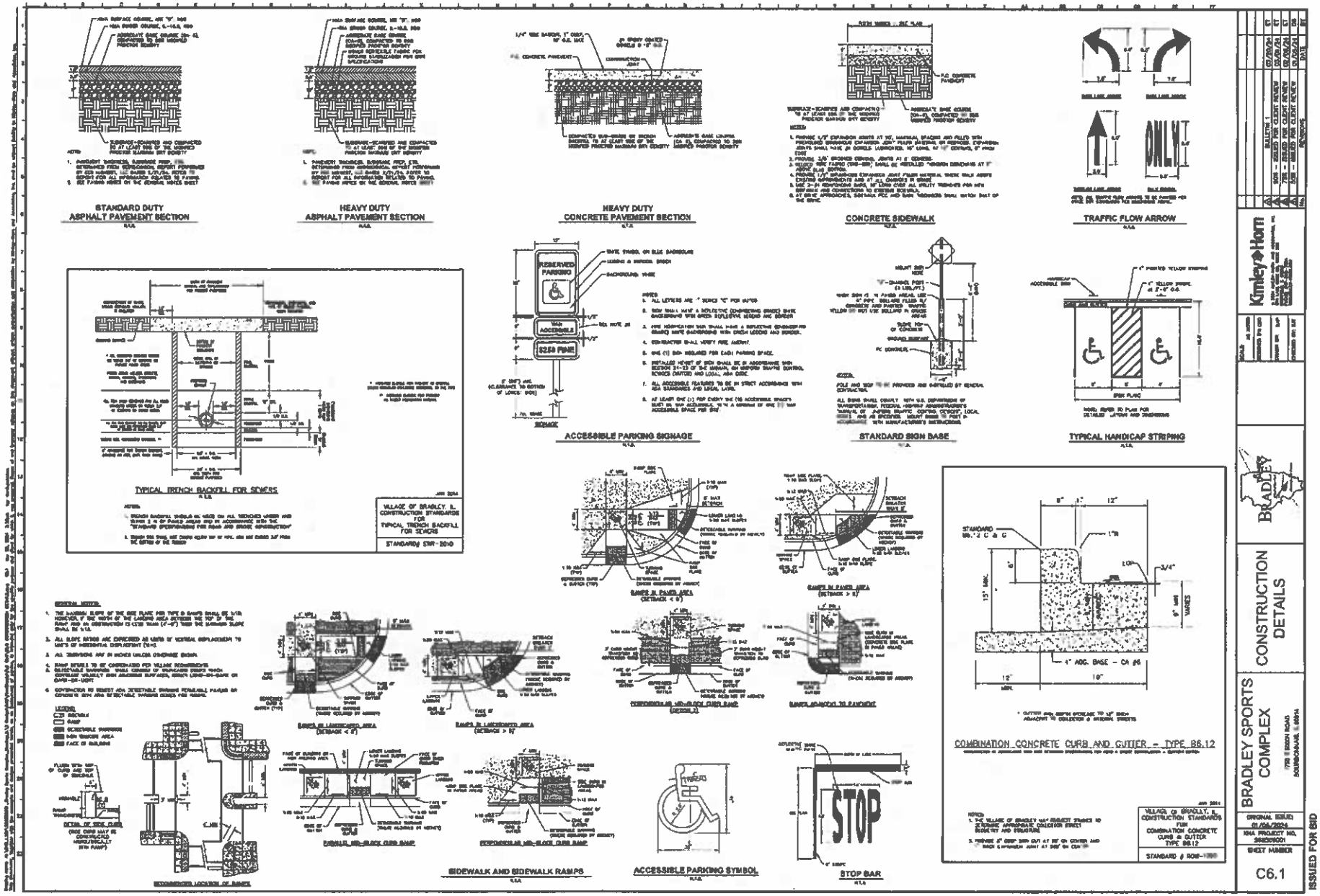
ORIGINAL ISSUE: 01/08/2024

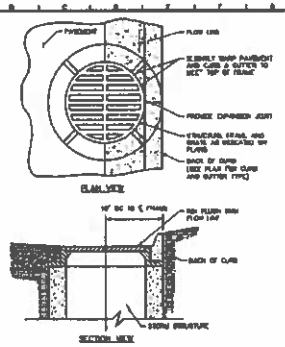
KHA PROJECT NO. 069600001

SHEET NUMBER

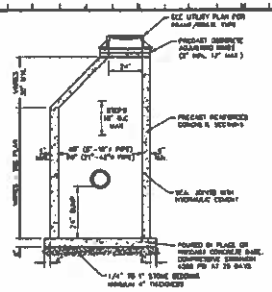
C6.0

ISSUED FOR BID


STANDARD DUTY ASPHALT PAVEMENT SECTION
HEAVY DUTY ASPHALT PAVEMENT SECTION
HEAVY DUTY CONCRETE PAVEMENT SECTION
CONCRETE SIDEWALK
TRAFFIC FLOW ARROW
ONLY
ACCESSIBLE PARKING SIGNAGE
STANDARD SIGN BASE
TYPICAL HANDICAP STRIPING
TYPICAL TRENCH BACKFILL FOR SEWERS
VILLAGE OF BRADLEY, IL CONSTRUCTION STANDARDS FOR TYPICAL TRENCH BACKFILL FOR SEWERS
STANDARD: STW-2010
RESERVED PARKING
VAN ACCESSIBLE
$250 FINE
SIGNAGE
RAMPS IN PAVED AREA (SETBACK < 6')
RAMPS IN PAVED AREA (SETBACK > 6')
RAMPS IN LANDSCAPED AREA (SETBACK < 6')
RAMPS IN LANDSCAPED AREA (SETBACK > 6')
PERPENDICULAR MID-BLOCK CURB RAMP (SETBACK X)
RAMPS ADJACENT TO PAVEMENT
PARALLEL MID-BLOCK CURB RAMP
PERPENDICULAR MID-BLOCK CURB RAMP
SIDEWALK AND SIDEWALK RAMPS
ACCESSIBLE PARKING SYMBOL
STOP
STOP BAR
COMBINATION CONCRETE CURB AND GUTTER - TYPE B6.12
VILLAGE OF BRADLEY, IL CONSTRUCTION STANDARDS FOR COMBINATION CONCRETE CURB & GUTTER TYPE B6.12
STANDARD # ROW-1700
Kimley»Horn
BRADLEY
CONSTRUCTION DETAILS
BRADLEY SPORTS COMPLEX
ORIGINAL ISSUED 01/08/2024
KHA PROJECT NO. 248200001
SHEET NUMBER
C6.1
ISSUED FOR BID



INLET AT CURB FRAME LOCATION
N.T.S.



CATCH BASIN TYPE A
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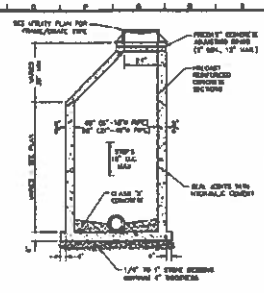

STORM MANHOLE TYPE A
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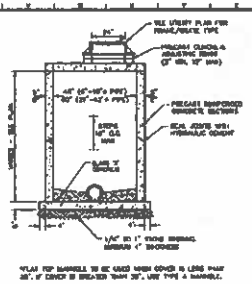
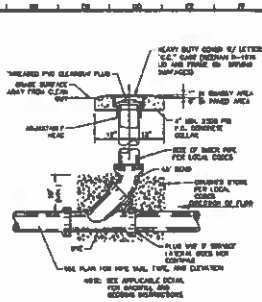
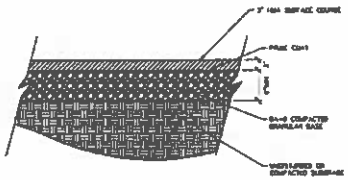


STORM MANHOLE (FLAT TOP)
N.T.S.



SANITARY/STORM CLEAN-OUT
N.T.S.



ASPHALT PATH
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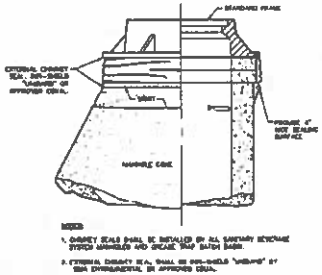

EXTERNAL CHIMNEY SEAL
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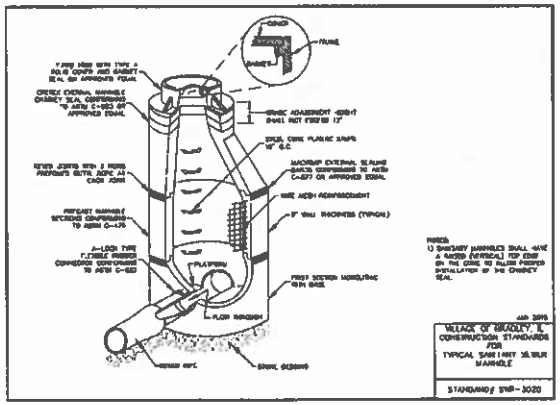
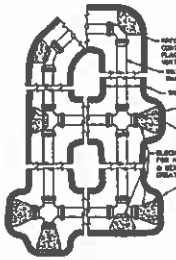
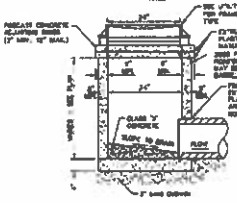
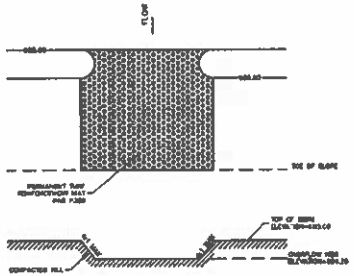




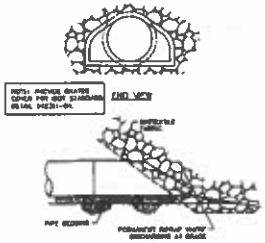
THRUST BLOCKING DETAIL
N.T.S.



2' DIAMETER STORM INLET
N.T.S.

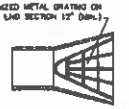


DETENTION BASIN OVERFLOW WEIR
N.T.S.



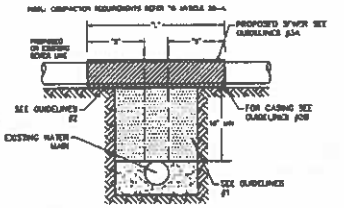
END VIEW

PROFILE VIEW

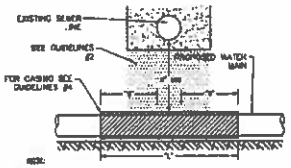


PLAN VIEW

FLARED END SECTION
N.T.S.



PROPOSED SEWER OVER
EXISTING WATER MAIN CROSSING DETAIL
N.T.S.



EXISTING SEWER OVER
PROPOSED WATER MAIN CROSSING DETAIL
N.T.S.

REVISIONS		
A	BULLETIN 1	02/06/24
B	SDE - ISSUED FOR CLIENT REVIEW	01/26/24
C	TBG - ISSUED FOR CLIENT REVIEW	01/26/24
D	SDE - ISSUED FOR CLIENT REVIEW	01/26/24
E	SDE - ISSUED FOR CLIENT REVIEW	01/26/24

Kimley»Horn

BRADLEY

CONSTRUCTION DETAILS

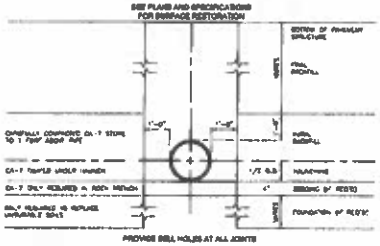
BRADLEY SPORTS COMPLEX

1790 S DIXIM ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/26/2024
KHA PROJECT NO. 096600600

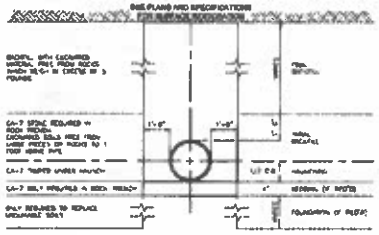
SHEET NUMBER
C6.2

ISSUED FOR BID



TRENCH NOTES:

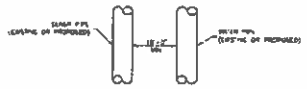
TRENCH DETAIL (PAVED AREAS)
FOR LOCATIONS BENEATH OR LESS THAN 10' FROM ROADWAYS
SCALE: NOT TO SCALE



TRENCH NOTES:

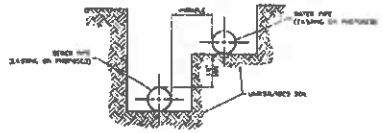
TRENCH DETAIL (NON-PAVED)
FOR LOCATIONS FURTHER THAN 10' FROM ROADWAYS
SCALE: NOT TO SCALE

PROPOSED SEWER (OR WATER) IS LOCATED 18 FEET OR MORE FROM EXISTING WATER (OR SEWER).



PLAN VIEW

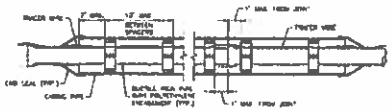
PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 18 FEET FROM EXISTING WATER (OR SEWER).



WATER & SEWER SEPARATION REQUIREMENTS
SCALE: NOT TO SCALE

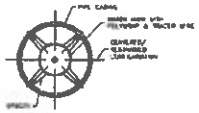
NOTES:

POLYETHYLENE ENCASEMENT - JOINT DETAIL
SCALE: NOT TO SCALE



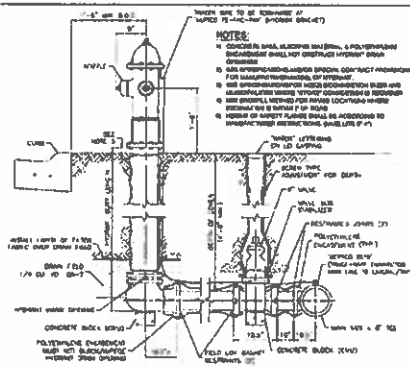
NOTE:

NOTE:



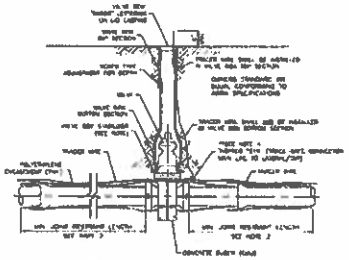
SECTION

CASING INSTALLATION & SPACER DETAIL
SCALE: NOT TO SCALE



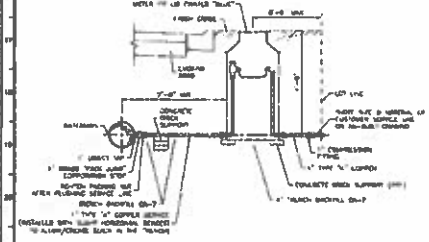
NOTES:

TYPICAL HYDRANT INSTALLATION
SCALE: NOT TO SCALE



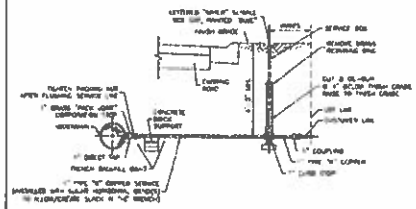
NOTES:

TYPICAL VALVE & VALVE BOX INSTALLATION
SCALE: NOT TO SCALE



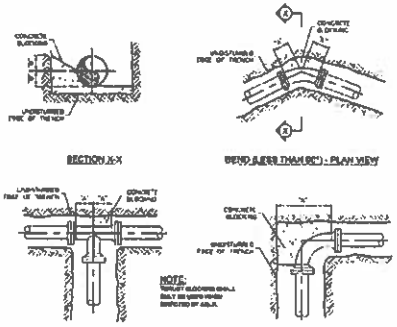
NOTES:

TYPICAL METER PIT (1" AND SMALLER METER SIZE)
SCALE: NOT TO SCALE



NOTES:

TYPICAL CURB STOP SERVICE
SCALE: NOT TO SCALE



SECTION X-X

BEND (LESS THAN 90°) - PLAN VIEW

TEE - PLAN VIEW

90° ELBOW - PLAN VIEW

NOTE:

THRUST BLOCKING DETAILS
SCALE: NOT TO SCALE

4	SUE - ISSUED FOR CLIENT REVIEW	03/29/24
3	TBC - ISSUED FOR CLIENT REVIEW	03/08/24
2	SUE - ISSUED FOR CLIENT REVIEW	02/08/24
1	SUE - ISSUED FOR CLIENT REVIEW	01/05/24
No.	REVISIONS	DATE

Kimley»Horn

SCALE: AS SHOWN
DESIGNED BY: CMA
DRAWN BY: SKP
CHECKED BY: MT

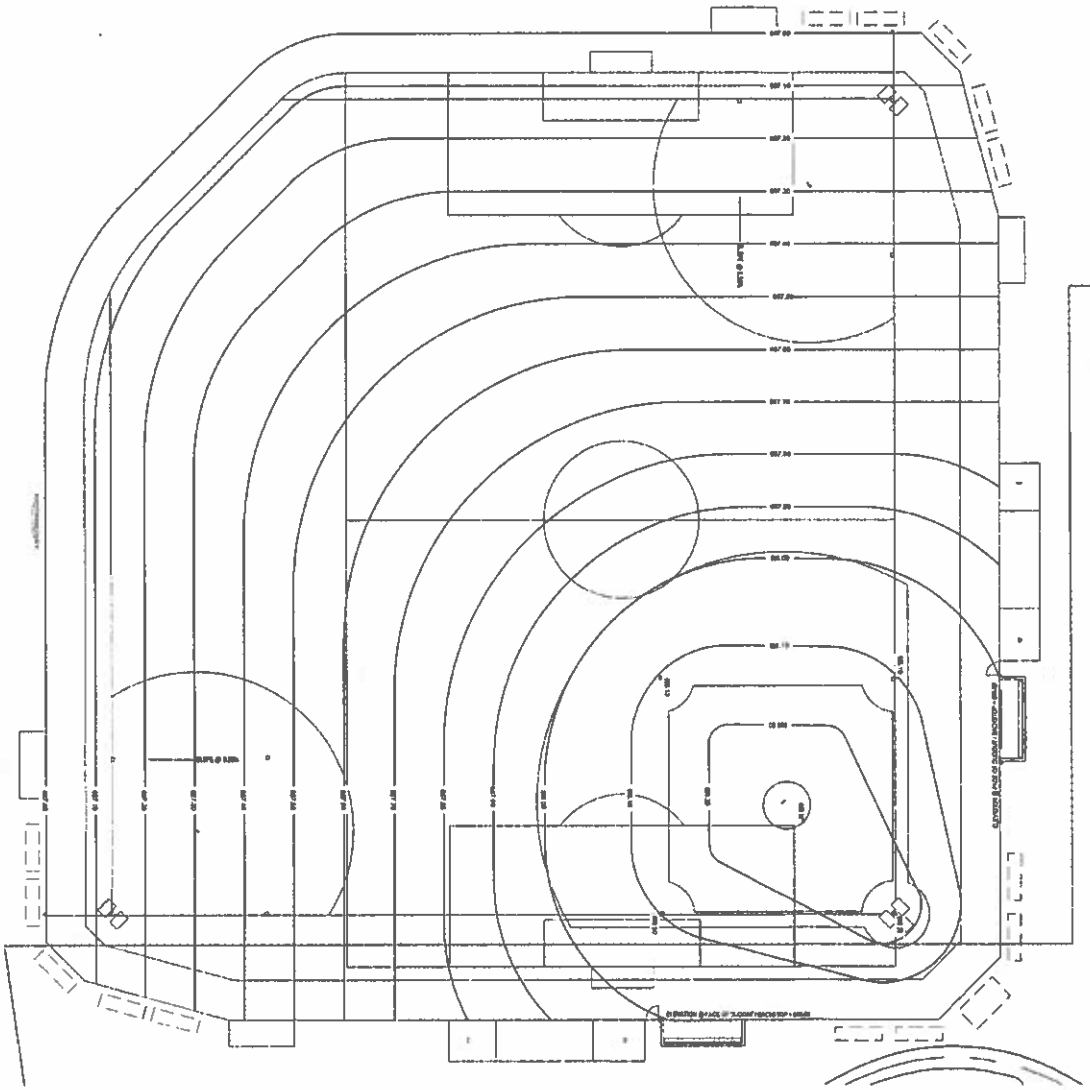
BRADLEY

CONSTRUCTION DETAILS

BRADLEY SPORTS COMPLEX
1729 E SOUTH ROAD
BOURBONNAIS, IL 60914

ORIGINAL ISSUE: 01/05/2024
KHA PROJECT NO. 2963200001
SHEET NUMBER
C6.3

ISSUED FOR BID



GRADING LEGEND:

— 20.10 — CONTOUR ELEVATION

23.70 SPOT ELEVATION

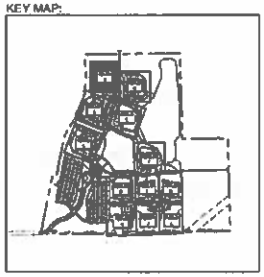
GRADING NOTES:

1. GRADE FIRST FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED. LAND FINISH SYNTHETIC TURF, AND SUB-BASE INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' x 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 1/2" INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' x 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

NO.	REVISIONS	DATE	BY
1	ISSUED FOR CLIENT REVIEW	02/26/24	JSK
2	ISSUED FOR CLIENT REVIEW	03/08/24	JSK

Kimley»Horn

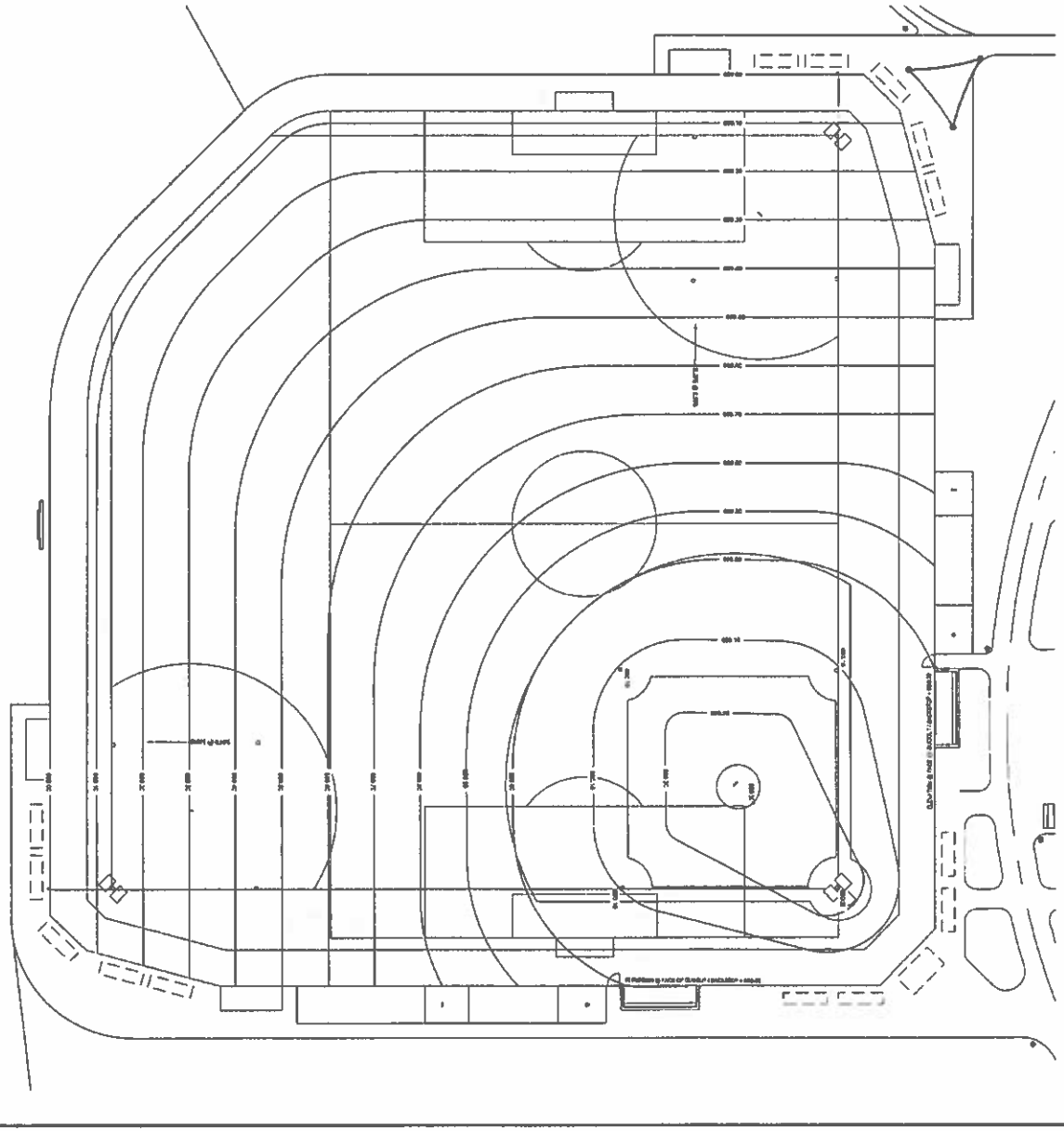
BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX
1755 S SOON ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 02/26/2024
KHA PROJECT NO. 069000001
SHEET NUMBER
P2.A

ISSUED FOR BID



GRADING LEGEND:

— 30.10 — CONTOUR ELEVATION

30.75 SPOT ELEVATION

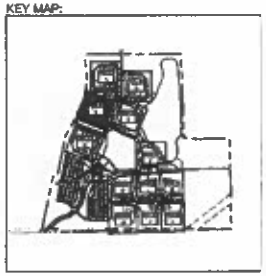
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAID WITH SYNTHETIC TURF, AND BALL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AT EACH LATHI PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' - 30' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THIS AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE INFORMATION.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 12 INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' - 30' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBBASE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

REV.	REVISIONS	DATE	BY
A	75% - ISSUED FOR CLIENT REVIEW	02/20/24	JDK
B	90% - ISSUED FOR CLIENT REVIEW	03/08/24	JDK

Kimley»Horn

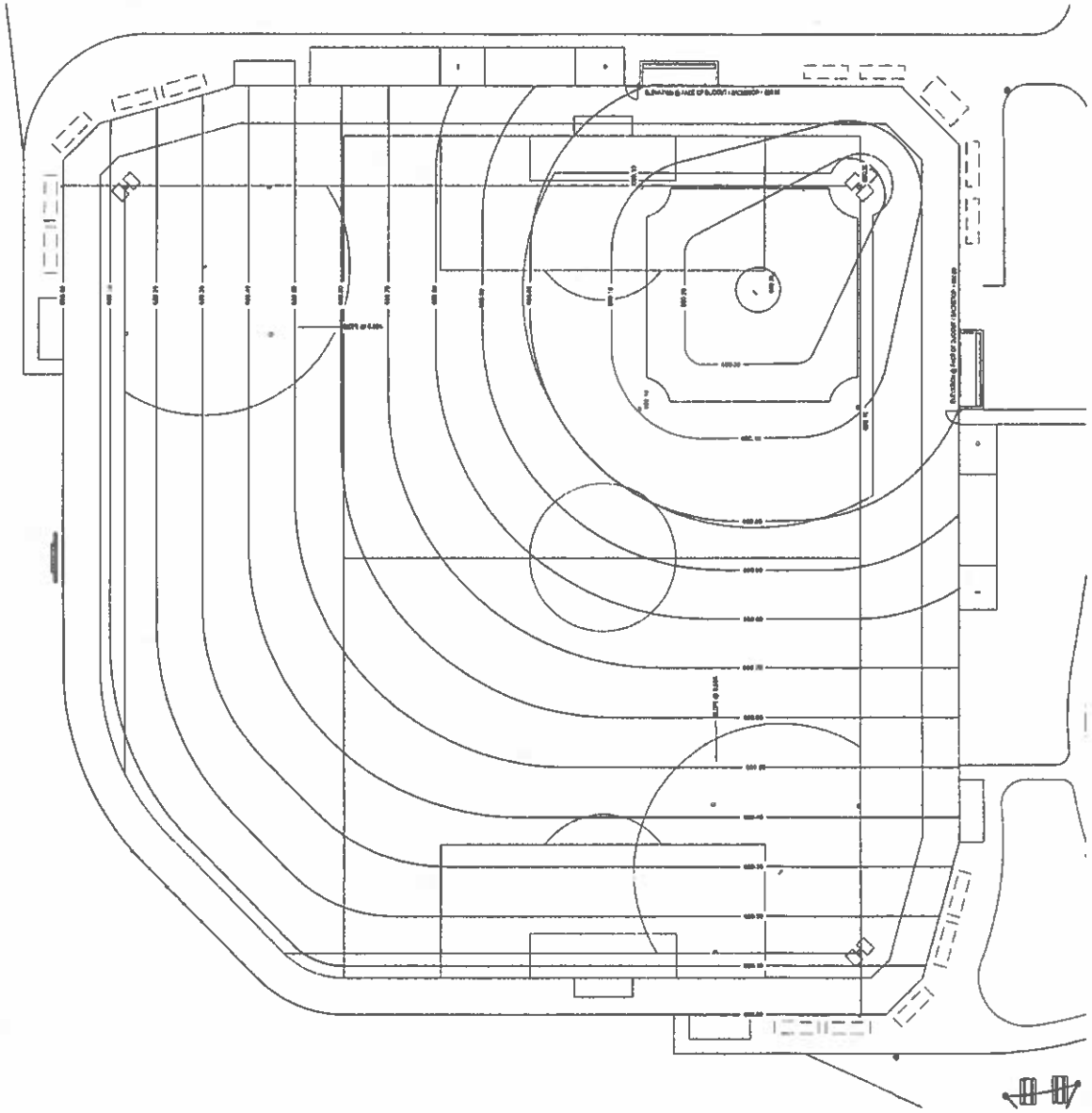
BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX
1750 S BOOM ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED
02/20/2024
KHA PROJECT NO.
SHEET NUMBER
P2.B

ISSUED FOR BID



GRADING LEGEND:

— 25.10 — CONTOUR ELEVATION

25.30 SPOT ELEVATION

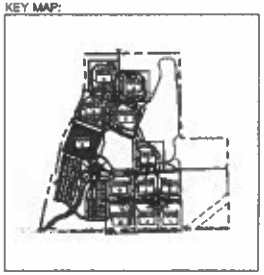
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLANES SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS BE COMPACTED, LAID WITH SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAIL A FOR FIELD SUBDRAINAGE SYSTEM
4. CONTOUR INTERVAL IS ONE TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH 4" EACH LAYER PRIOR TO PROCEEDING WITH SUBBASE/BASE LAYER OF WORK, INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND PRI SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' x 25' GRID, ENSURE THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 1/2 INCHES IN 10 FEET MEASURED IN ANY DIRECTION
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' x 25' GRID, ENSURE THAT THE PLAYING FIELD SUBBASE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET

NORTH

No.	REVISIONS	DATE	BY
1	75% - ISSUED FOR CLIENT REVIEW	09/04/24	JDK
2	90% - ISSUED FOR CLIENT REVIEW	01/05/25	JDK

Kimley»Horn

AS NOTED
DESIGNED BY: JDK
DRAWN BY: CMR
REVIEWED BY: JDK

BRADLEY

PLAYING FIELD GRADING PLAN

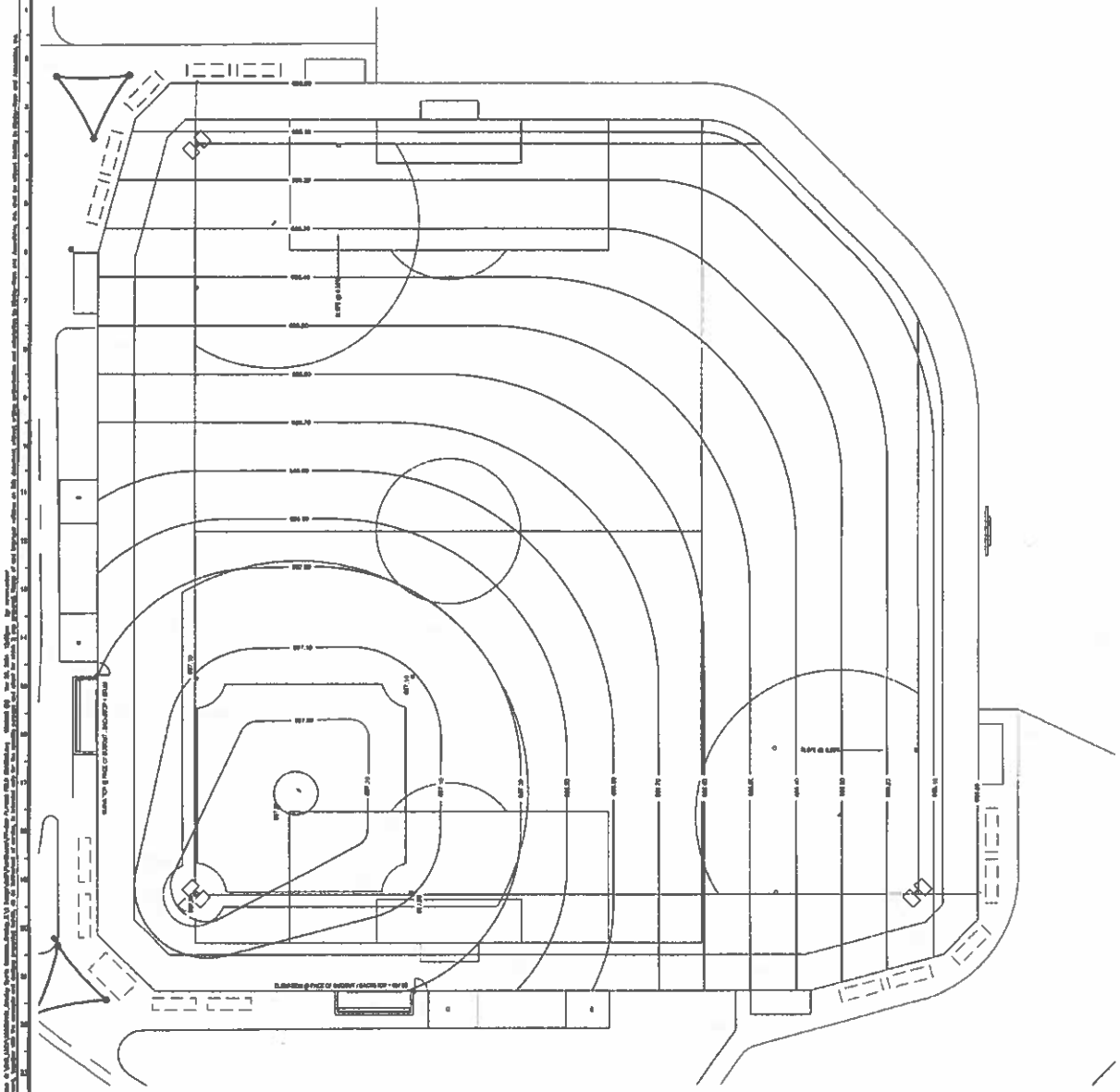
BRADLEY SPORTS COMPLEX

1750 E DOOM ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED
02/20/2024
KHA PROJECT NO.
[illegible]

SHEET NUMBER
P2.C

ISSUED FOR BID



GRADING LEGEND:

— 25.10 — CONTOUR ELEVATION

23.10 SPOT ELEVATION

GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS SHOWN.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAID WITH SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THIS AS BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ALABAMA. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

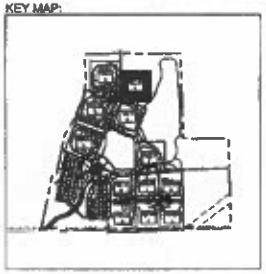
SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF ½ INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ALABAMA. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

KEY MAP:



REVISIONS			
A	75% - ISSUED FOR QUOTE REVIEW	GRAPARA	JTK
AA	90% - ISSUED FOR QUOTE REVIEW	GRAPARA	JTK

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX

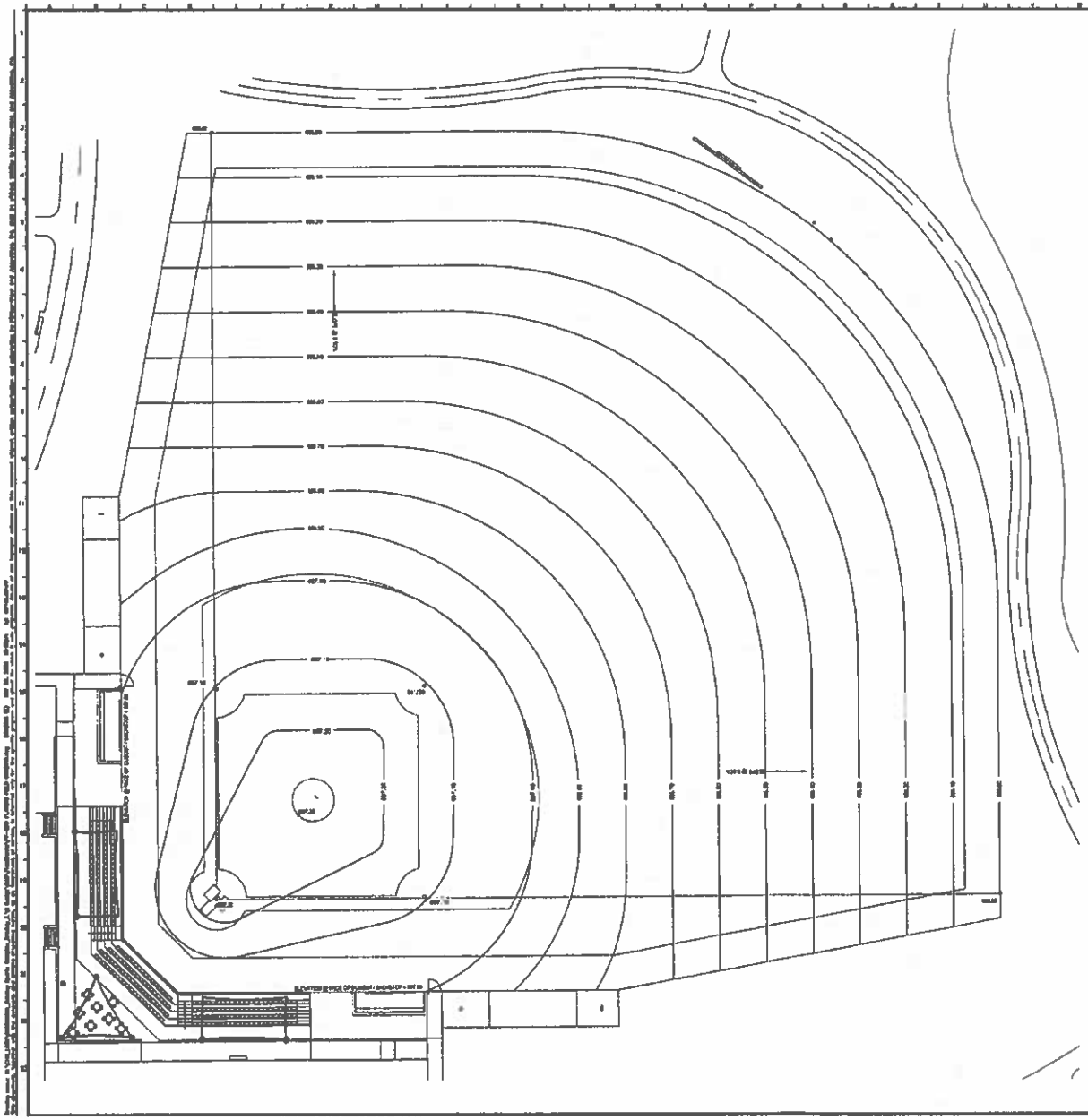
1700 BOOGER ROAD
BRADLEY, AL 35616

ORIGINAL ISSUED
02/20/2024

KHA PROJECT NO.
[illegible]

SHEET NUMBER
P2.D

ISSUED FOR BID



GRADING LEGEND:

— 99.99 — CONTOUR ELEVATION

99.99 SPOT ELEVATION

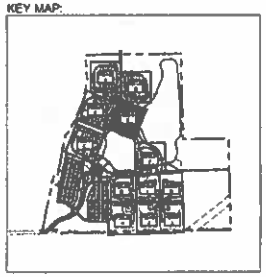
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAND TWIN SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBSURFACE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH A1 EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT A1 A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THIS AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAY HO FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF +/- INCHES IN 10 FEET, MAXIMUM IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT A1 A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET

0 10 20 40

NORTH

REVISIONS		
1	ISSUED FOR COST REVIEW	02/09/2024
2	ISSUED FOR COST REVIEW	04/05/2024

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX

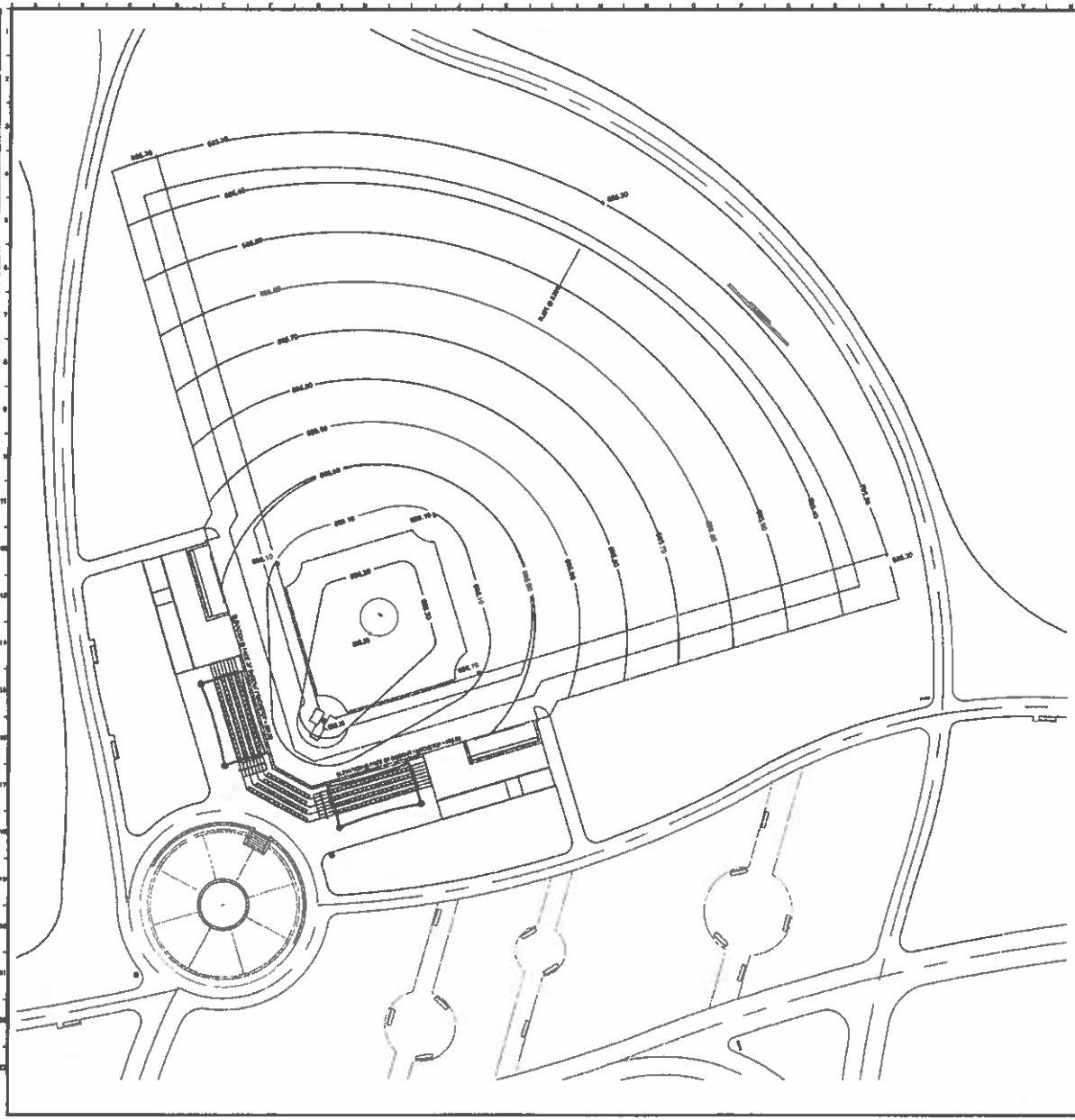
1700 N. WOOD ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 02/09/2024

KHA PROJECT NO. 069600001

SHEET NUMBER P2.E

ISSUED FOR BID



GRADING LEGEND:

— 86.10 — CONTOUR ELEVATION

73.70 + SPOT ELEVATION

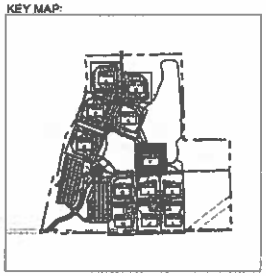
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER THE O.B. COMPACTED, LAID WITH SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AS EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE INFORMATIONS
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 12 INCHES IN 10 FEET, GRADUALLY IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

No.	REVISIONS	DATE	BY
A	TRS - ISSUED FOR CLIENT REVIEW	06/06/24	JDK
B	SUB - ISSUED FOR CLIENT REVIEW	06/06/24	JDK

Kimley»Horn

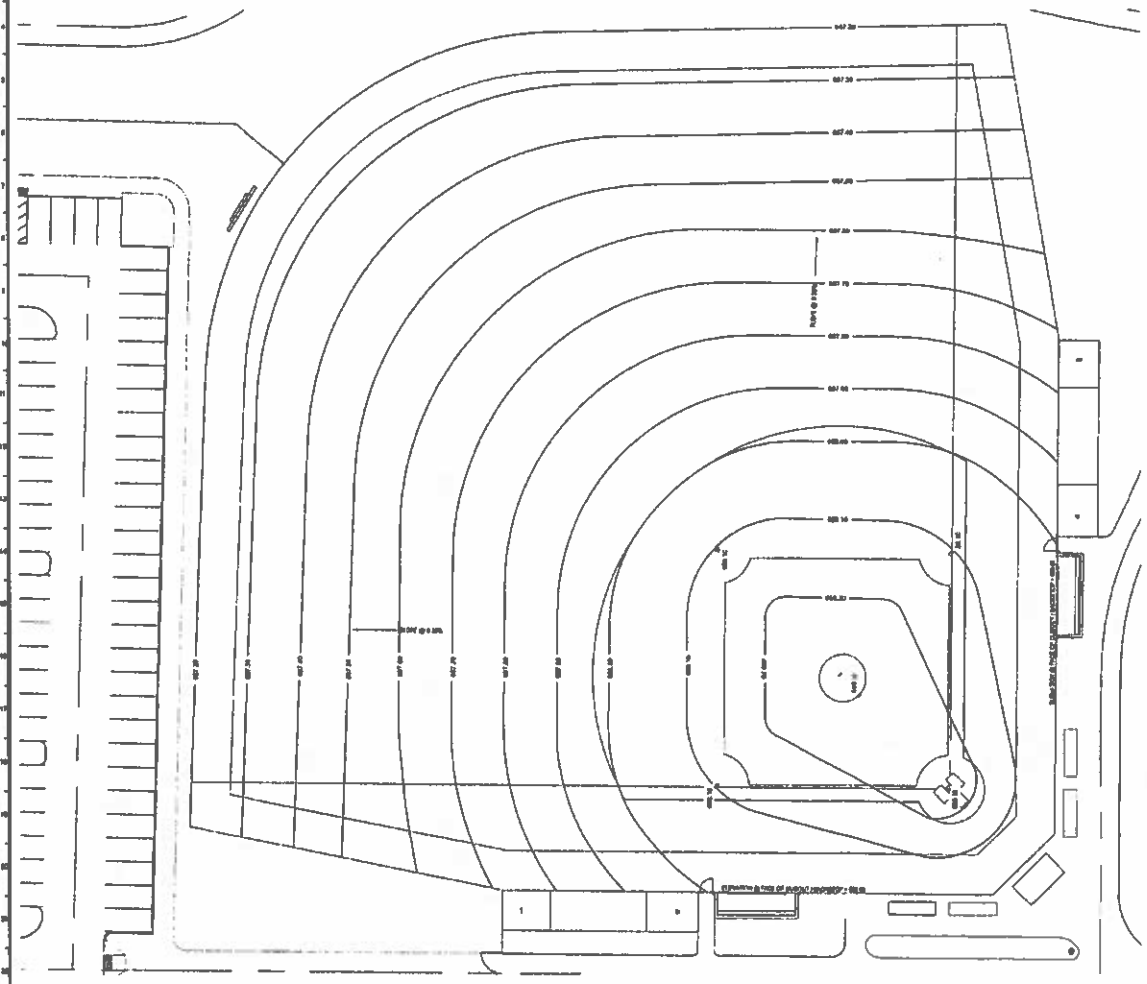
BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX
1750 E DOOM ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 02/09/2024
KHA PROJECT NO. 068500001
SHEET NUMBER
P2.F

ISSUED FOR BID



GRADING LEGEND:

— 20.10 — CONTOUR ELEVATION

20.70 SPOT ELEVATION

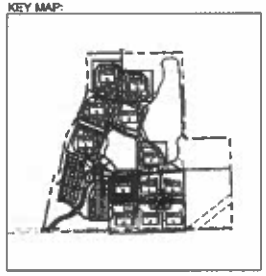
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAID WITH SYNTHETIC TURF, AND SHALL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE. CONTRACTOR TO FIELD VERIFY FINISH SURFACE AT EACH AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYING.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THIS AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOL ERANCE OF ±0.25 INCHES (± 1/4 INCH), MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH SUBGRADE GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE. PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION, THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

NO.	REVISIONS	DATE	BY
1	75% — ISSUED FOR CLIENT REVIEW	06/09/24	JBM
2	95% — ISSUED FOR CLIENT REVIEW	07/01/24	JBM

Kimley»Horn

BRADLEY

BRADLEY SPORTS COMPLEX

1750 S. BOOKER ROAD
BRADLEY, IL 60915

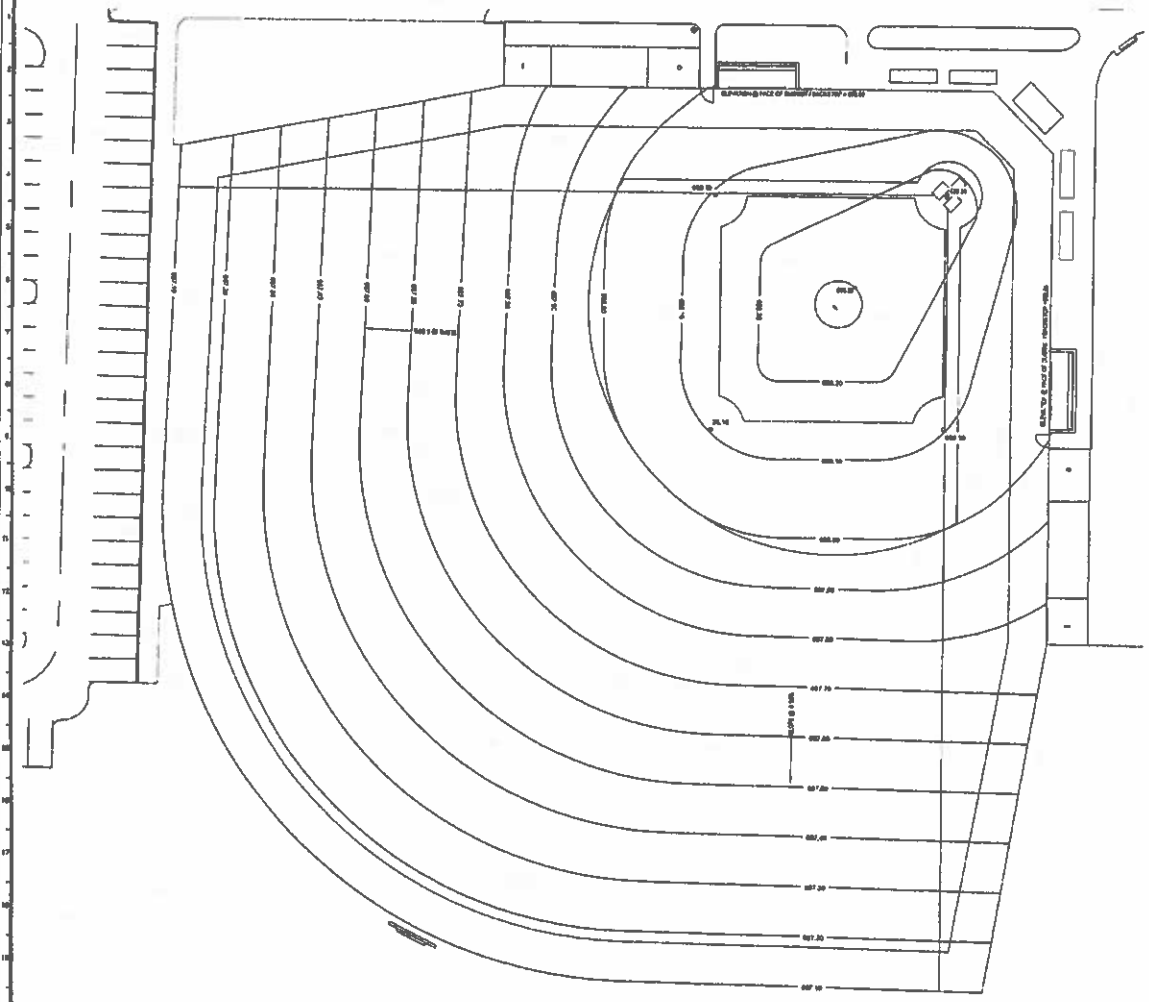
PLAYING FIELD GRADING PLAN

ORIGINAL ISSUED
06/28/2024

KHA PROJECT NO.
[illegible]

SHEET NUMBER
P2.G

ISSUED FOR BID



GRADING LEGEND:

— 26.10 — CONTOUR ELEVATION

23 PS SPOT ELEVATION

GRADING NOTES:

1. GRADE INFIELD FINISH GROUP TO A 2MIX0314, WITH PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED LAID WITH SYNTHETIC TURF, AND THE U. INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

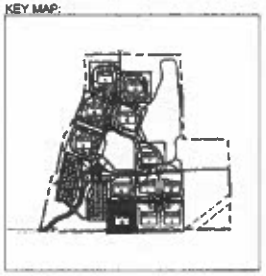
1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 1/2 INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBBASE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

GRAPHIC SCALE IN FEET

0 10 20 40

NORTH

KEY MAP:



No.	REVISIONS	DATE	BY
1	70% — ISSUED FOR CLIENT REVIEW	02.06.24	JDK
2	90% — ISSUED FOR CLIENT REVIEW	01.06.24	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX

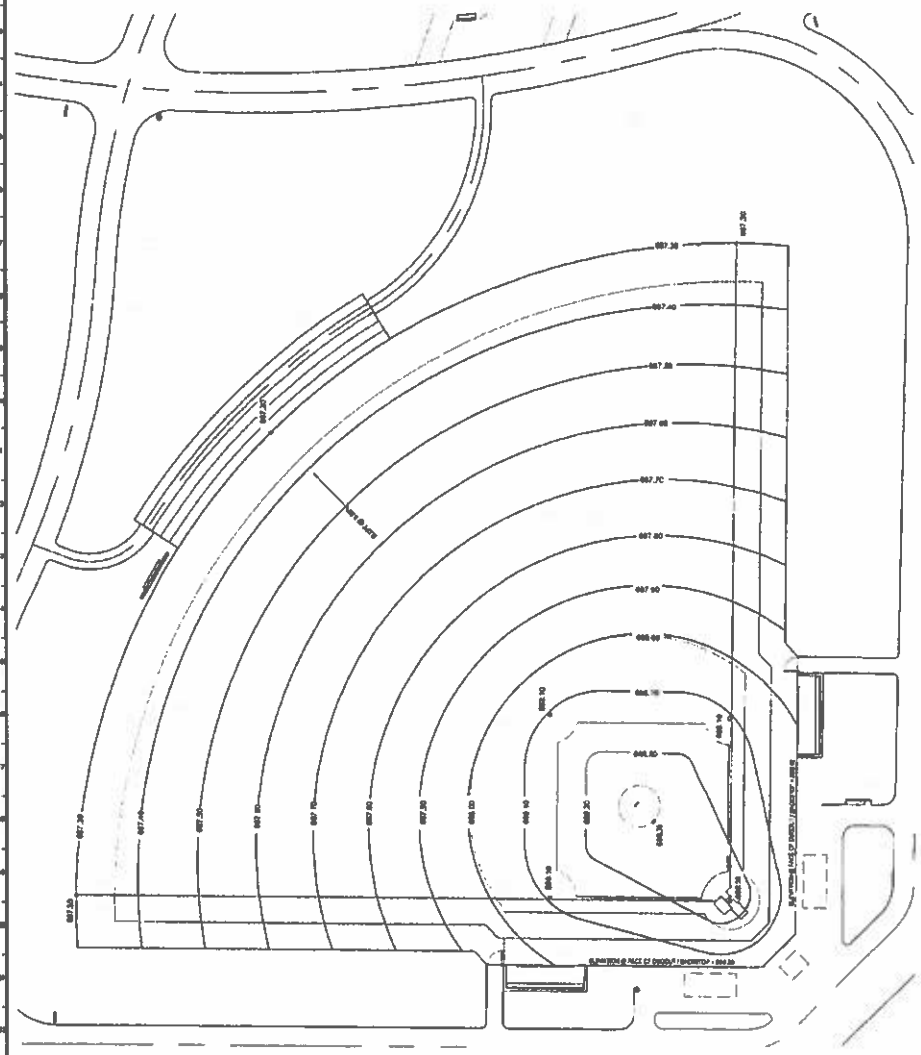
1775 E BROOK ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED
02/28/2024

HHA PROJECT NO.
289903001

SHEET NUMBER
P2.H

ISSUED FOR BID



GRADING LEGEND:

— 99 99 — CONTOUR ELEVATION

99.99 SPOT ELEVATION

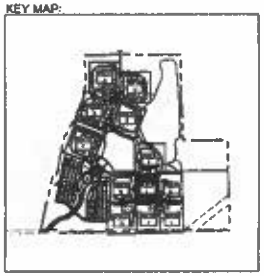
GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAID WITH SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF +/- 0.5 INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 20' × 20' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBGRADE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

KEY MAP:



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

1	100% – ISSUED FOR CLIENT REVIEW	05/06/24	JBK
0	50% – ISSUED FOR CLIENT REVIEW	03/08/24	JBK
NO.	REVISIONS	DATE	BY

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

BRADLEY SPORTS COMPLEX

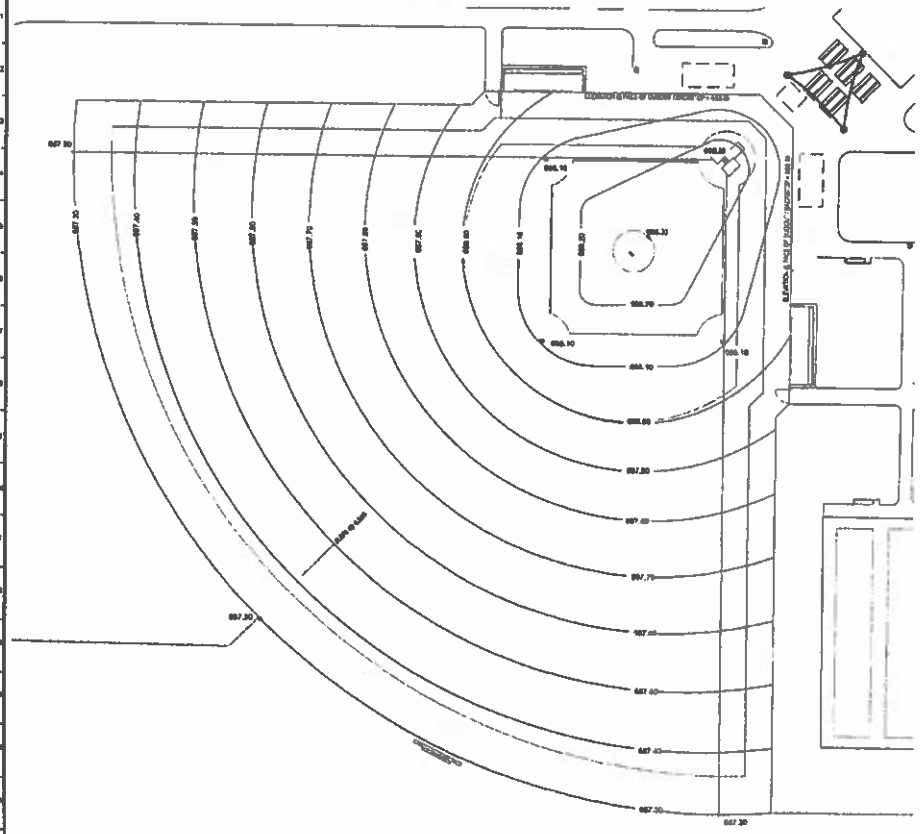
1199 S. KOCEN ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED:
05/06/2024

KHA PROJECT NO.
[illegible]

SHEET NUMBER
P2.1

ISSUED FOR BID



GRADING LEGEND:

— 30.10 — CONTOUR ELEVATION

SPOT ELEVATION

GRADING NOTES:

1. GRADE FIELD FINISH SURFACE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER FIELD IS COMPACTED, LAID WITH SYNTHETIC TURF, AND INFILL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH AT EACH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

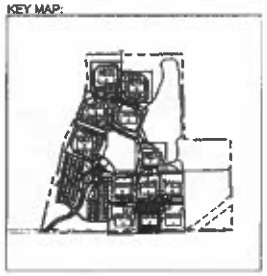
SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE ELEVATION MAY VARY WITHIN A TOLERANCE OF 1/2 INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' × 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBBASE GRADING HAS A UNIFORM SLOPE AND GRADE. PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION, THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

KEY MAP:



No.	REVISIONS	DATE	BY
1	FOR - ISSUED FOR CLIENT REVIEW	02/08/24	JDK
2	FOR - ISSUED FOR CLIENT REVIEW	02/09/24	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

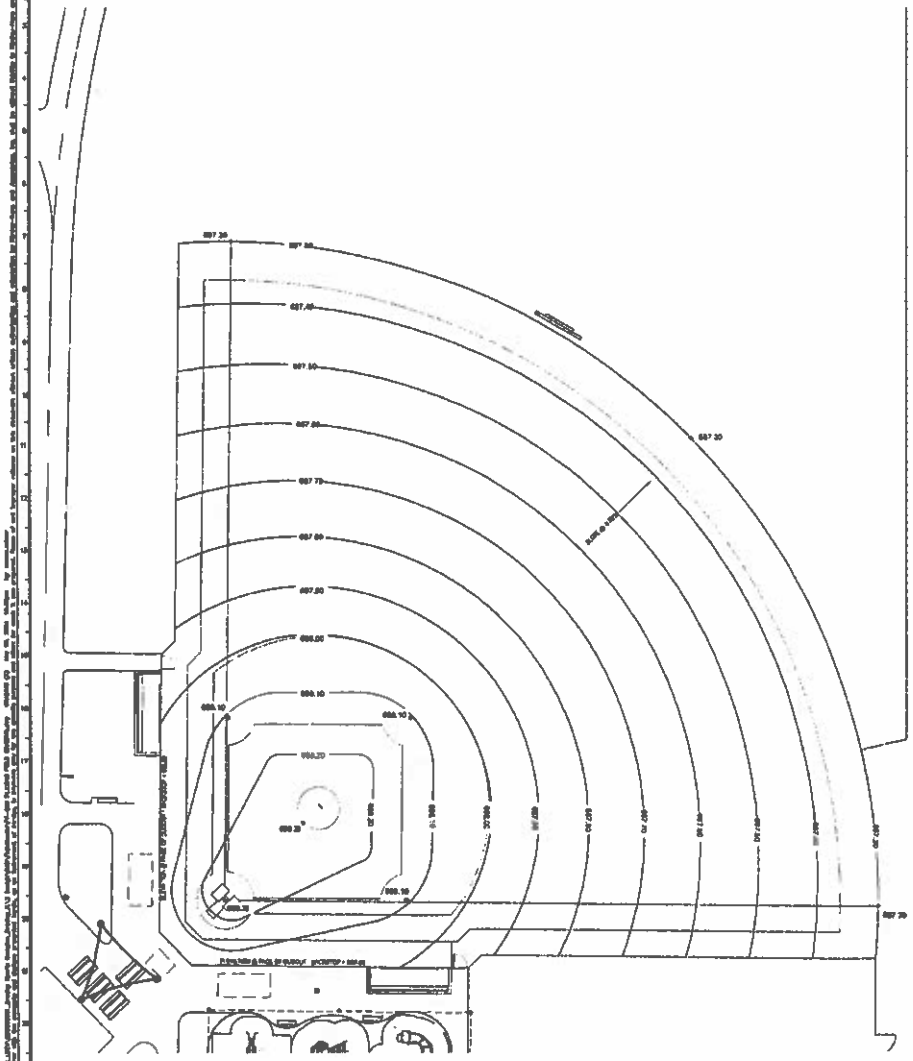
BRADLEY SPORTS COMPLEX

1710 S SCHOOL ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE:
02/23/2024
KHA PROJECT NO.
289606021

SHEET NUMBER
P2.J

ISSUED FOR BID



GRADING LEGEND:

— 99.10 — CONTOUR ELEVATION

99.70 SPOT ELEVATION

GRADING NOTES:

1. GRADE FIELD FINISH STONE TO A SMOOTH, EVEN PLAYING SURFACE TO THE SPOT ELEVATIONS AND CONTOURS INDICATED.
2. FINISH GRADES INDICATED REPRESENT ELEVATIONS AFTER HAULING COMPACTING, LAND FITH SYNTHETIC TURF, AND SHALL INSTALLED TO PROPER DEPTHS PER SPECIFICATIONS.
3. REFERENCE PLAYING FIELD DETAILS FOR FIELD SUBDRAINAGE SYSTEM.
4. CONTOUR INTERVAL IS ONE-TENTH FOOT EXCEPT WHERE NOTED OTHERWISE.
5. SYNTHETIC SURFACE: CONTRACTOR TO FIELD VERIFY FINISH ELEVATION AT EACH A1 INCH LAYER PRIOR TO PROCEEDING WITH SUBSEQUENT LAYER OF WORK—INCLUDING SUBGRADE, DRAINAGE GRAVEL, AND FINISH SYNTHETIC LAYERS.
6. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FIELD GRADING AS-BUILT AT A 50' x 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD FINISH GRADING HAS A UNIFORM SLOPE AND GRADE. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

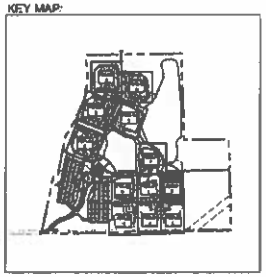
SUBGRADE NOTES:

1. REFER TO PLAYING FIELD DETAILS FOR SUBGRADE ELEVATIONS.
2. SUBGRADE TOLERANCES: SUBGRADE SURFACE MAY VARY WITHIN A TOLERANCE OF 1/2 INCHES IN 10 FEET, MEASURED IN ANY DIRECTION.
3. THE PLAYING FIELD CONTRACTOR SHALL SUBMIT A FINISH STONE GRADING AS-BUILT AT A 25' x 25' GRID, DEMONSTRATING THAT THE PLAYING FIELD SUBBASE GRADING HAS A UNIFORM SLOPE AND GRADE, PRIOR TO COMMENCING WITH THE SYNTHETIC TURF INSTALLATION. THE AS-BUILT SURVEY MUST BE SIGNED AND SEALED BY A CERTIFIED LAND SURVEYOR IN THE STATE OF ILLINOIS. SUBMIT THE SIGNED AND SEALED DOCUMENTS TO THE LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.

GRAPHIC SCALE IN FEET
10 20 40

NORTH

KEY MAP:



Rev.	Date	By
A	DRAFT FOR CLIENT REVIEW	JDK
B	ISSUED FOR CLIENT REVIEW	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD GRADING PLAN

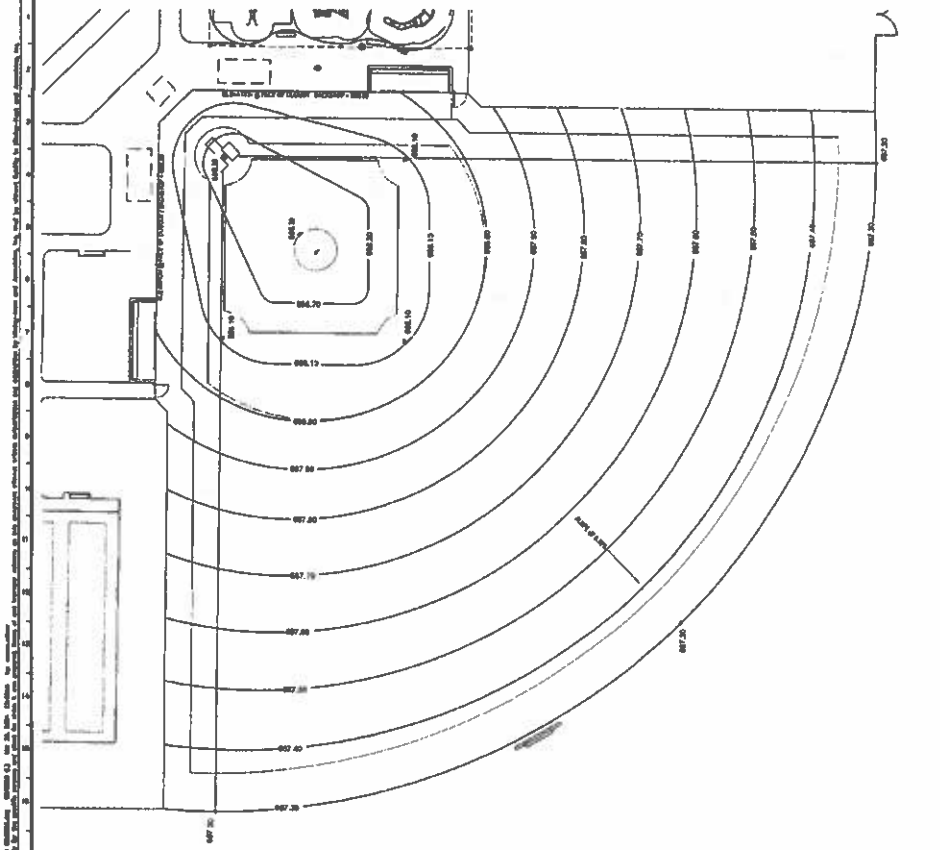
BRADLEY SPORTS COMPLEX

ORIGINAL ISSUE 05/29/2024

KHA PROJECT NO. 069200001

SHEET NUMBER P2.K

ISSUED FOR BID


ELEVATED EDGE OF POWER TRANSFER PLATE
LEGEND DRIVE OF POWER TRANSFER PLATE
BASE OF PLATE
PARK OF PLATE
664.70
665.10
665.30
665.13
665.50
666.00
666.50
667.00
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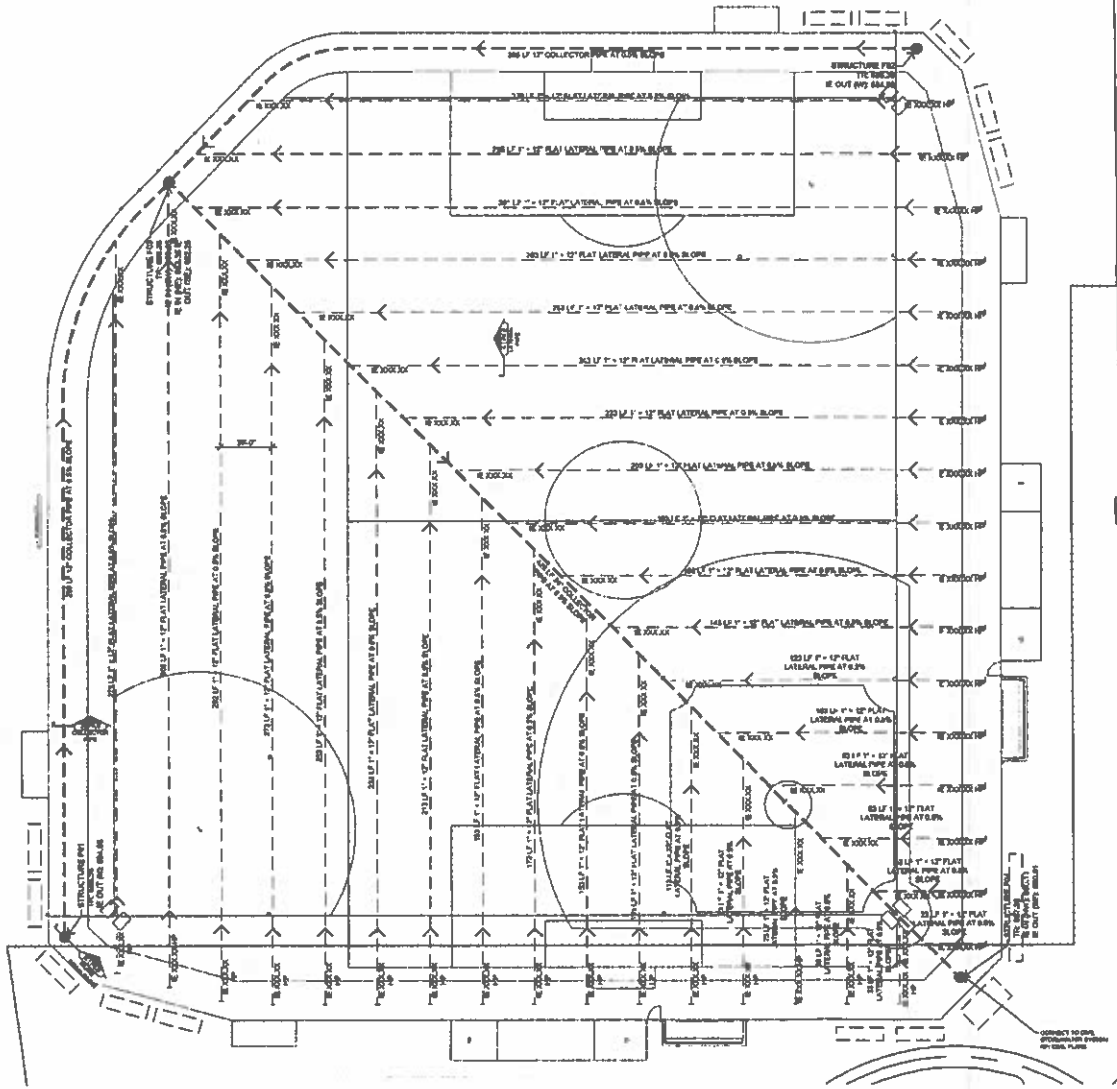


SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- IN-LINE DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE NO.	STRUCTURE NO.
TR: 694.38	TR: 695.38
IE OUT (N): 684.98	IE OUT (W): 684.88
STRUCTURE NO. 003	STRUCTURE NO.
TR: 694.38	TR: 695.38
IE IN (SW): 693.38	IE IN (NW): 690.11
IE IN (NE): 693.28	IE OUT (SE): 690.01
IE OUT (SE): 692.28	

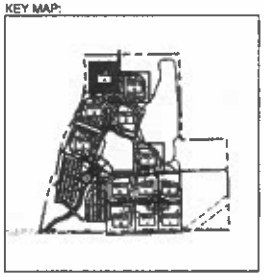
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF OWL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 20' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT SHALL BE INSTALLED AT LATERAL 46 1.49' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET: 0 10 20 40

NORTH

KEY MAP:



NO.	DATE	REVISION	BY
A	05/28/24	ISSUED FOR CLIENT REVIEW	JDK
B	07/26/24	ISSUED FOR CLIENT REVIEW	JDK
C	10/18/24	ISSUED FOR BID	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

1790 S BOOKH ROAD
BRADLEY, IL 60915

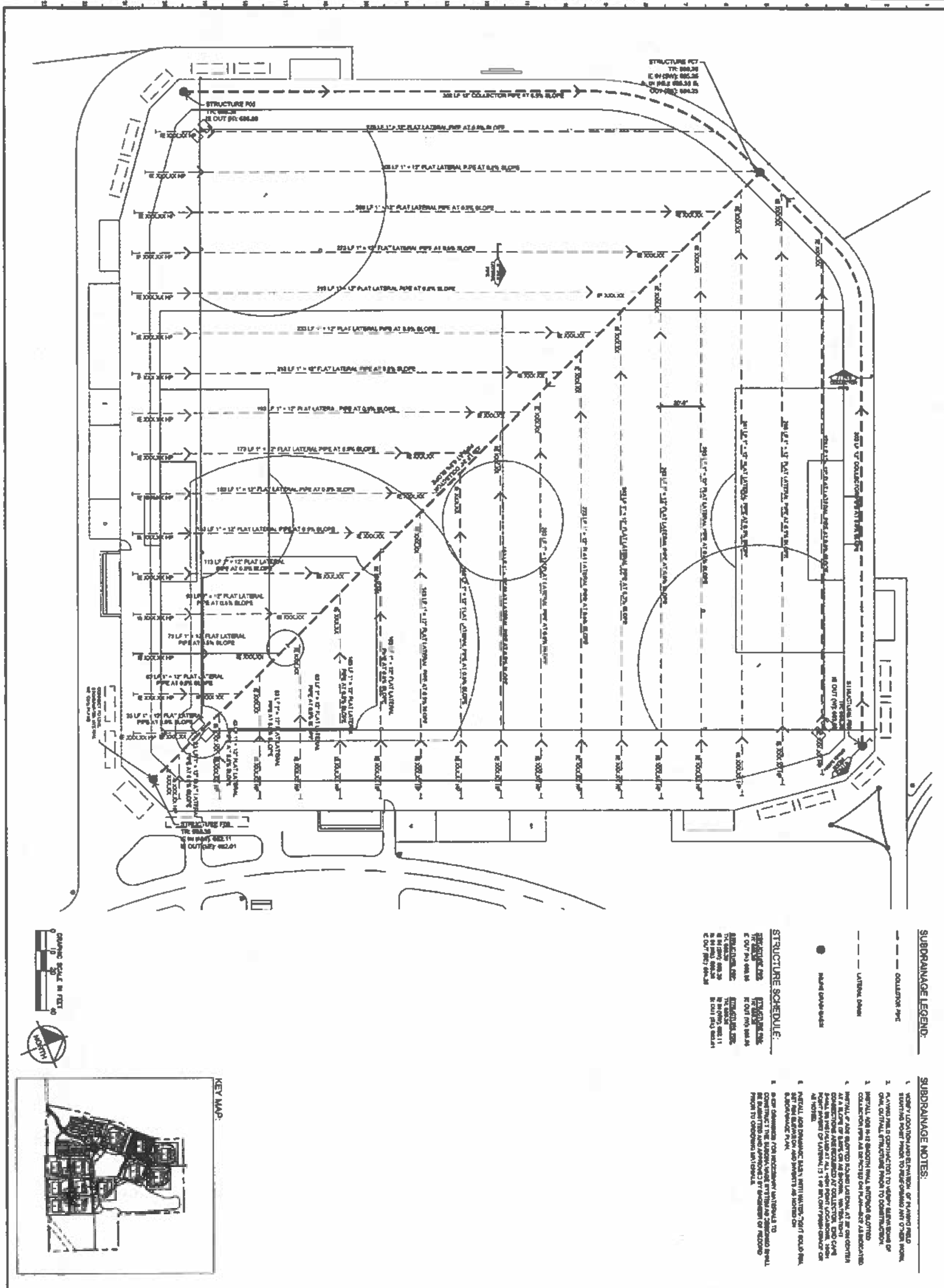
ORIGINAL ISSUE: 05/28/2024

KHA PROJECT NO. 069600001

SHEET NUMBER

P3.A

ISSUED FOR BID



Original Issue:	02/26/2024
KHA Project No.	
Sheet Number	P3.B

BRADLEY SPORTS COMPLEX

1750 E 5000N ROAD
BRADLEY, IL 60915

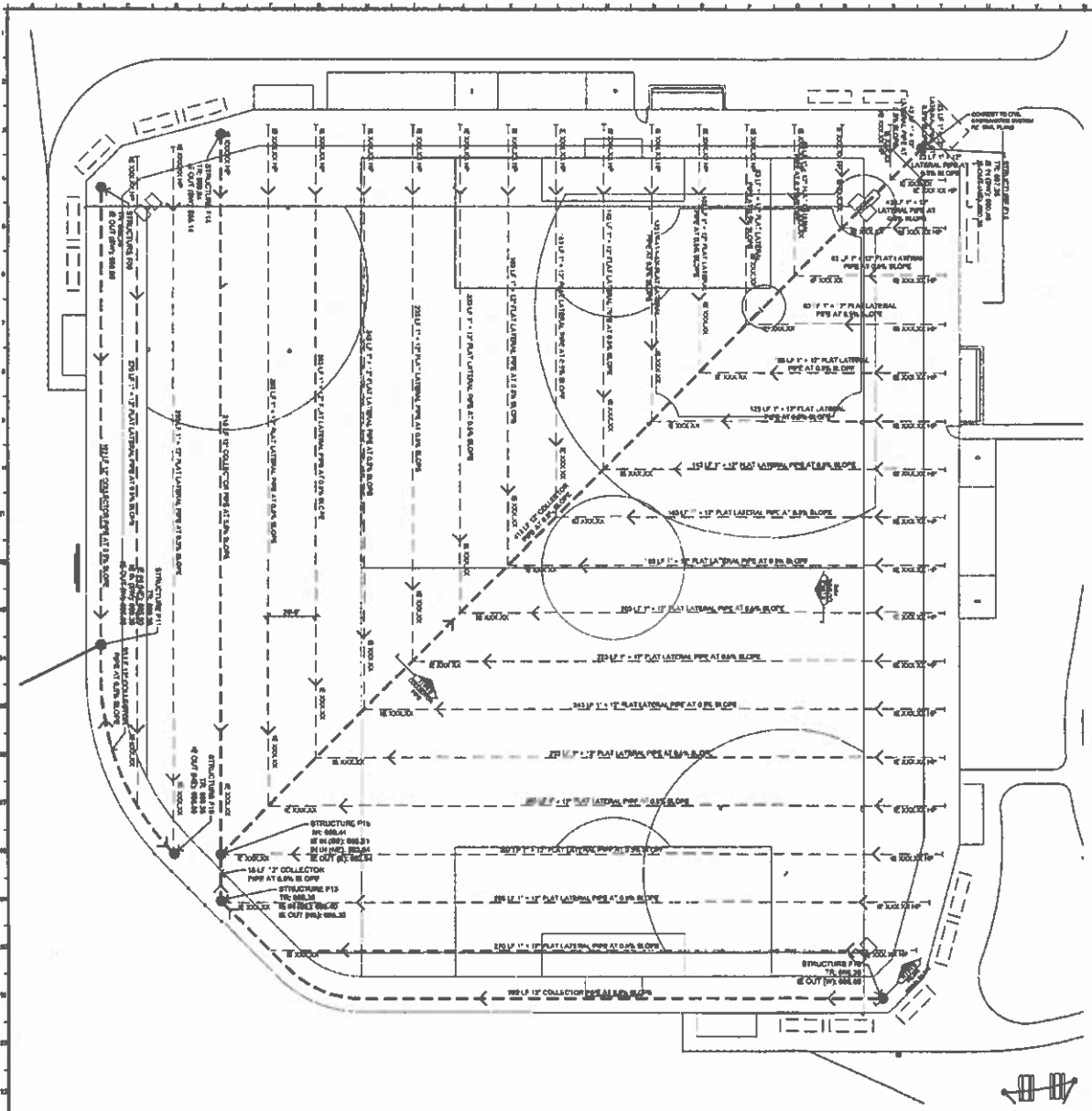
PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY

Kimley»Horn

No.	Revisions	Date	By
	75% - ISSUED FOR CLIENT REVIEW	03/08/24	JDK
	50% - ISSUED FOR CLIENT REVIEW	01/08/24	JDK

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- PLUNGE DRAIN BASIN

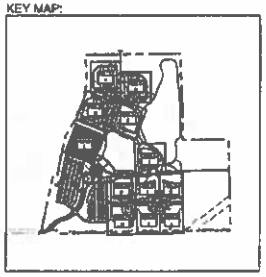
STRUCTURE SCHEDULE:

STRUCTURE P20 TR: 600.00 IE OUT (SW): 596.00	STRUCTURE P 19 TR: 600.00 IE OUT (NE): 596.00
STRUCTURE P 1 TR: 600.00 IE IN (NE): 596.59 IE IN (SW): 596.59 IE OUT (W): 596.59	STRUCTURE P 18 TR: 600.00 IE OUT (W): 596.00
STRUCTURE P 12 TR: 600.00 IE IN (SE): 596.49 IE OUT (NE): 596.30	STRUCTURE P 14 TR: 600.00 IE OUT (SW): 596.14
STRUCTURE P 5 TR: 600.00 IE IN (SE): 596.21 IE IN (SW): 593.64 IE OUT (E): 593.64	STRUCTURE P 16 TR: 601.00 IE IN (SW): 596.49 IE OUT (NE): 596.30

SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL SHTPRO® S. OTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 4" ADS SLOTTED ROUND LATERAL AT 20' ON CENTER AT A SLOPE OF 0.5% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL IS 1.48' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESIGNED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

KEY MAP:



GRAPHIC SCALE IN FEET

0 10 20 40

NORTH

REV.	DATE	BY	REVISIONS
A	06/28/24	JDK	75% - BID FOR CLIENT REVIEW
B	08/13/24	JDK	100% - BID FOR CLIENT REVIEW

Kimley»Horn

SCALE: AS NOTED
DESIGNED BY: JDK
DRAWN BY: CAB
CHECKED BY: JDK

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

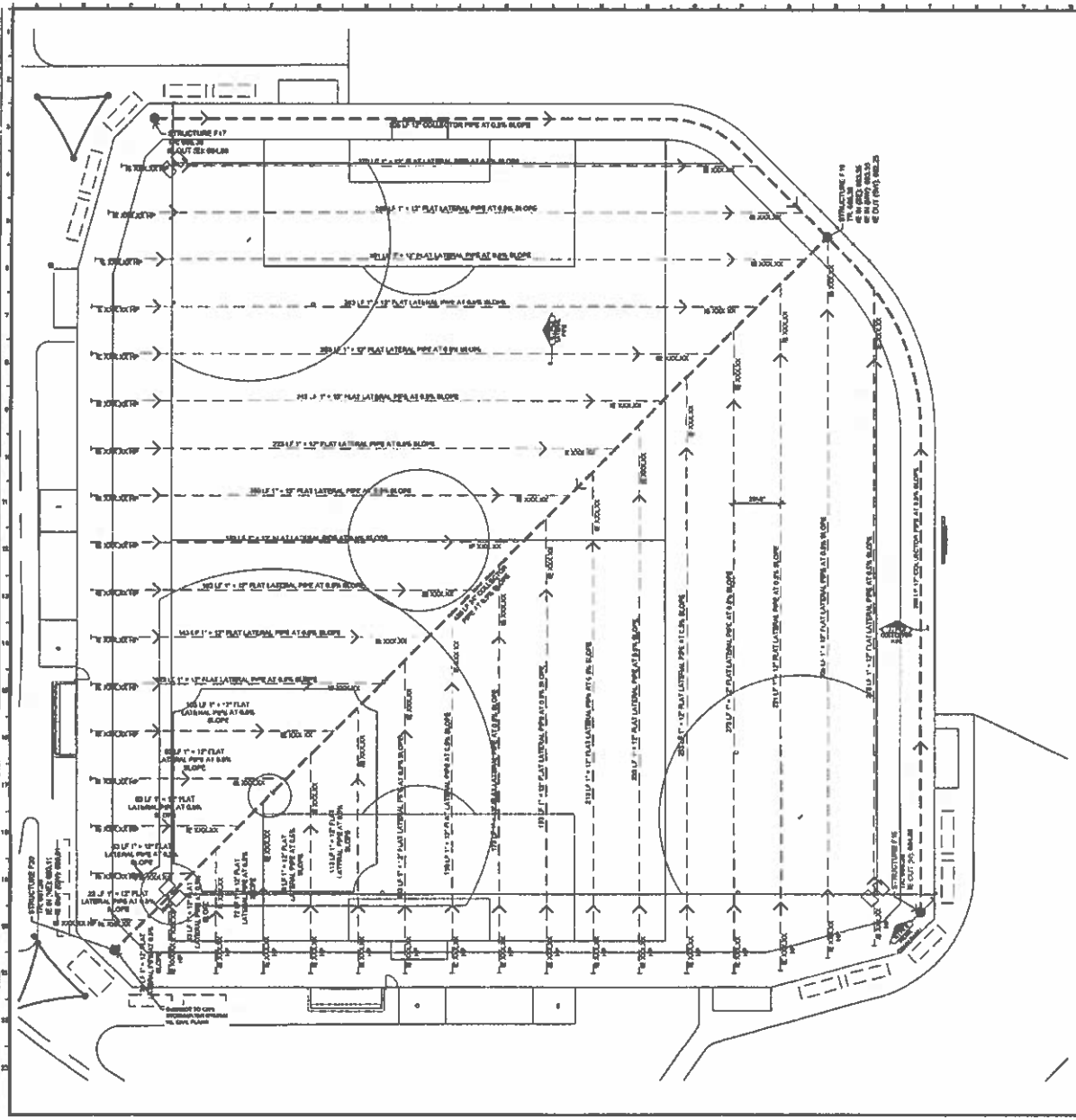
BRADLEY SPORTS COMPLEX

1750 E 6000N ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 06/28/2024
KHA PROJECT NO. 289000001

SHEET NUMBER
P3.C

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- ONLINE DRAIN BASIN

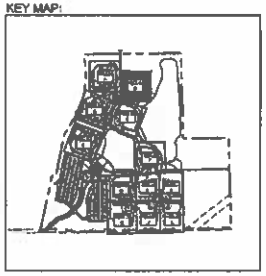
STRUCTURE SCHEDULE:

STRUCTURE F12: TF: 600.00 IE OUT (E): 594.00	STRUCTURE F13: TF: 600.00 IE OUT (N): 594.00
STRUCTURE F15: TF: 600.00 IE IN (SW): 593.30 IE IN (NE): 593.30 IE OUT (SE): 593.20	STRUCTURE F16: TF: 600.00 IE IN (NE): 595.11 IE OUT (SW): 595.01

SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DEPICTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 30' ON CENTER AT A SLOPE OF 0.5% OR AS SHOWN. WHERE SEW CONNECTIONS ARE REQUIRED AT COLLECTOR, END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT (INVERT OF LATERAL IS 1.4' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DEPICTED SHALL BE SUBMITTED AND APPROVED BY SUBGRADE OF PAVING PRIOR TO ORDERING MATERIALS.

KEY MAP:



GRAPHIC SCALE IN FEET 0 10 20 40

NORTH

7/15	ISSUED FOR CLIENT REVIEW	07/08/24
8/08	ISSUED FOR CLIENT REVIEW	07/08/24
REVISIONS		DATE

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

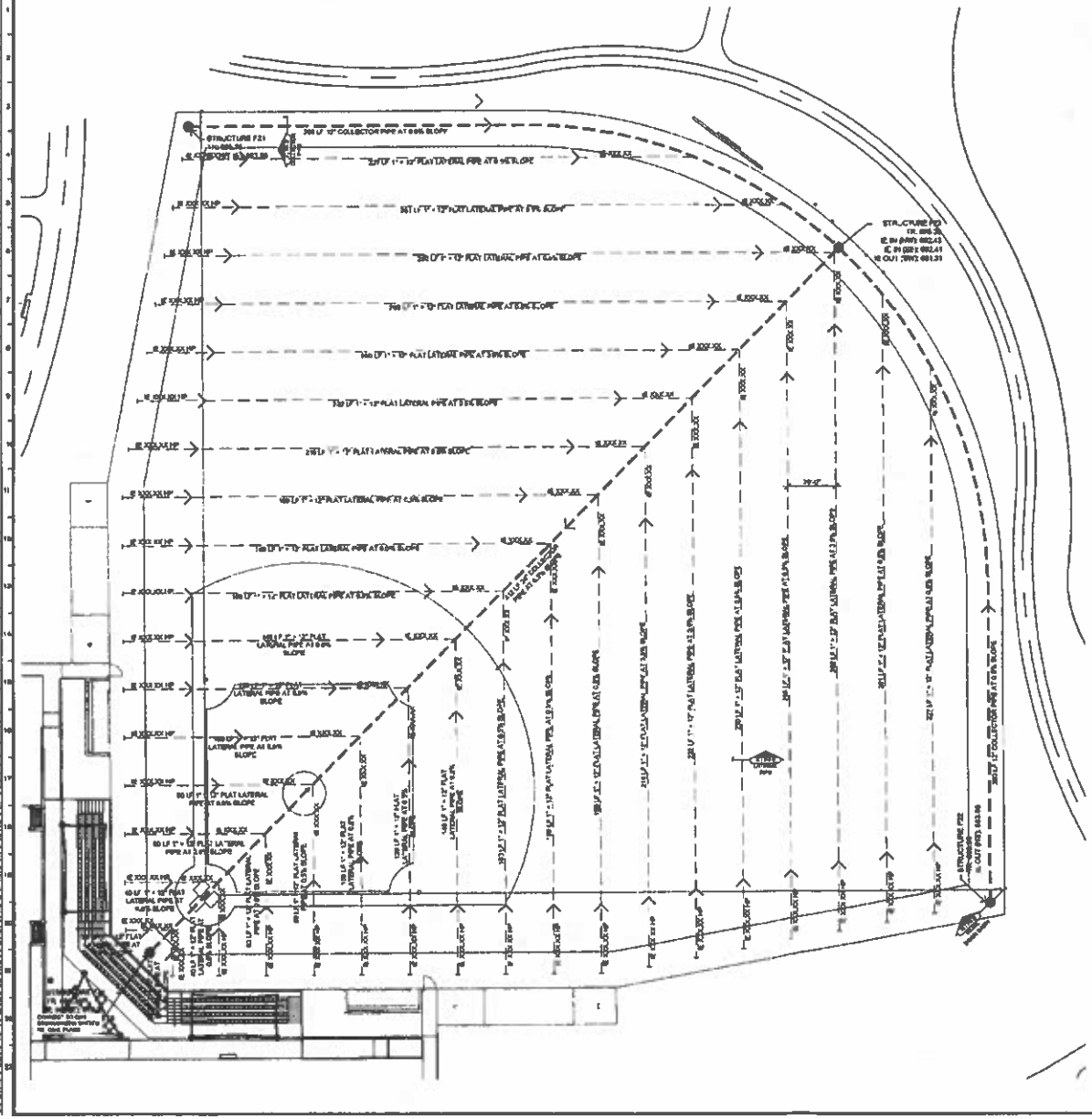
BRADLEY SPORTS COMPLEX

ORIGINAL ISSUE: 02/29/2024

KHA PROJECT NO. 285600001

SHEET NUMBER P3.D

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- PAVING DRAIN BASIN

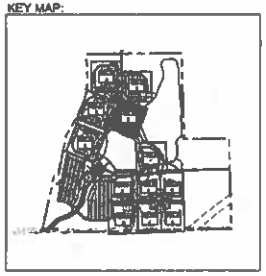
STRUCTURE SCHEDULE:

STRUCTURE F21 TR: 680.36 E OUT (E2): 680.05	STRUCTURE F22 TR: 680.36 E OUT (NE): 680.05
STRUCTURE F23 TR: 680.36 E IN (NW): 680.36 E IN (SE): 680.41 E OUT (SW): 680.31	STRUCTURE F24 TR: 680.36 E IN (NE): 679.26 E OUT (SW): 679.16

SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DEPICTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL, AT 20' ON CENTER AT A SLOPE OF 1.50% OR AS SHOWN. WATER TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL (@ 1'-0" BELOW FINISH GRADE) OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT BOLTED RIM. SEE RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

KEY MAP:



GRAPHIC SCALE IN FEET: 0 10 20 40

NORTH

2	PRE - ISSUED FOR CLIENT REVIEW	02/28/24	JDK
1	PRE - ISSUED FOR CLIENT REVIEW	02/05/24	JDK
REV	DESCRIPTION	DATE	BY

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

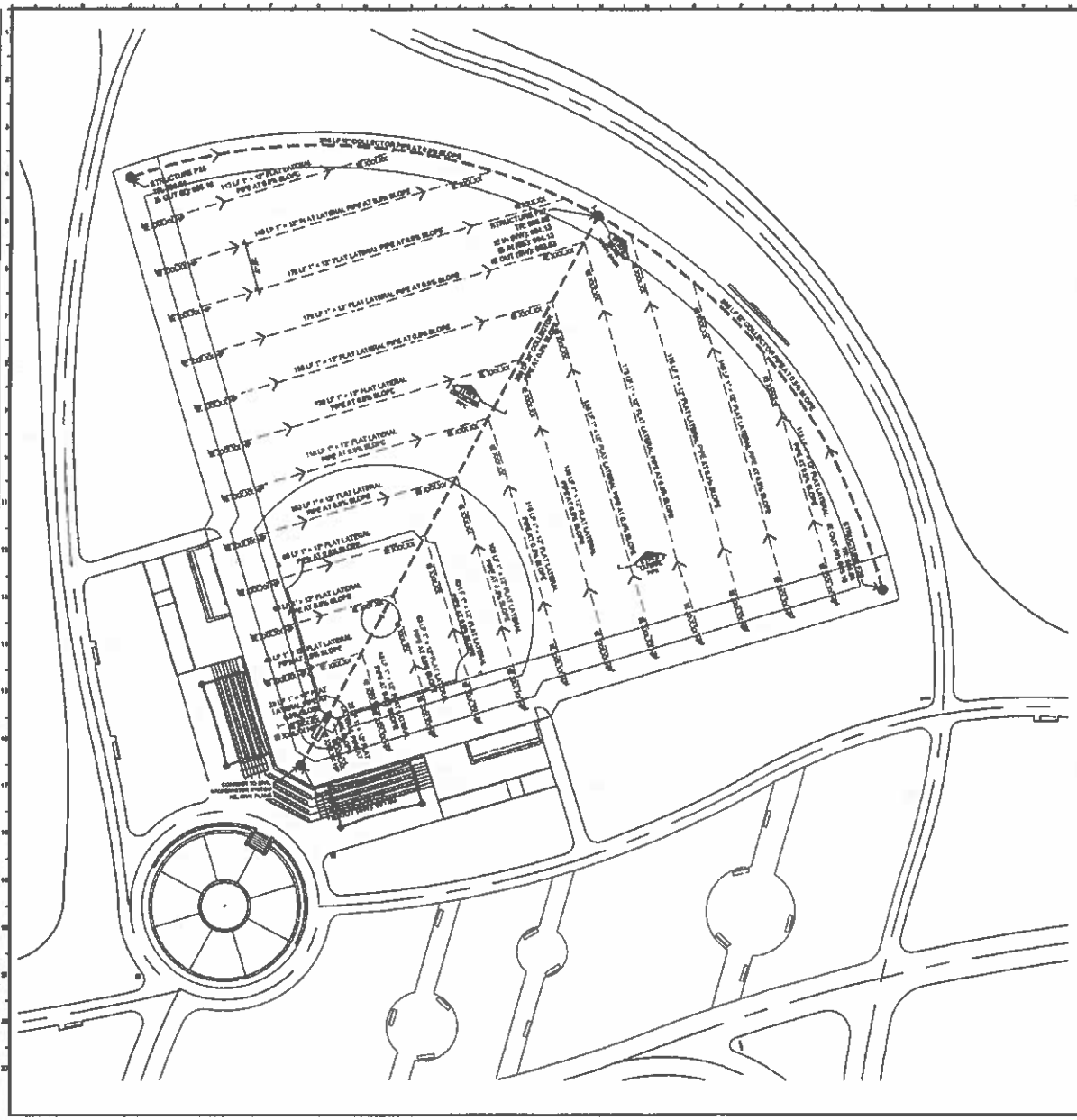
BRADLEY SPORTS COMPLEX

1750 S WILLOW ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED: 01/29/2024
KHA PROJECT NO. 266036001

SHEET NUMBER
P3.E

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- INLINE DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE #25: TR: 695.00 IE OUT (E): 690.16	STRUCTURE #26: TR: 695.00 IE OUT (W): 689.16
STRUCTURE #27: TR: 695.00 IE IN (NW): 694.10 IE IN (SE): 694.10 IE OUT (SW): 693.60	STRUCTURE #28: TR: 695.00 IE IN (NE): 694.10 IE OUT (SW): 691.60

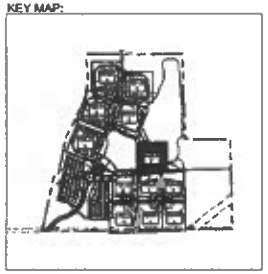
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 30' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. PRIMETI-TEE CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL IS 1.49' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH 24"x24" RIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS KEYED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

KEY MAP:



REV.	DATE	REVISIONS
1	08/09/24	PER - ISSUED FOR CLIENT REVIEW
2	08/09/24	PER - ISSUED FOR CLIENT REVIEW

Kimley»Horn

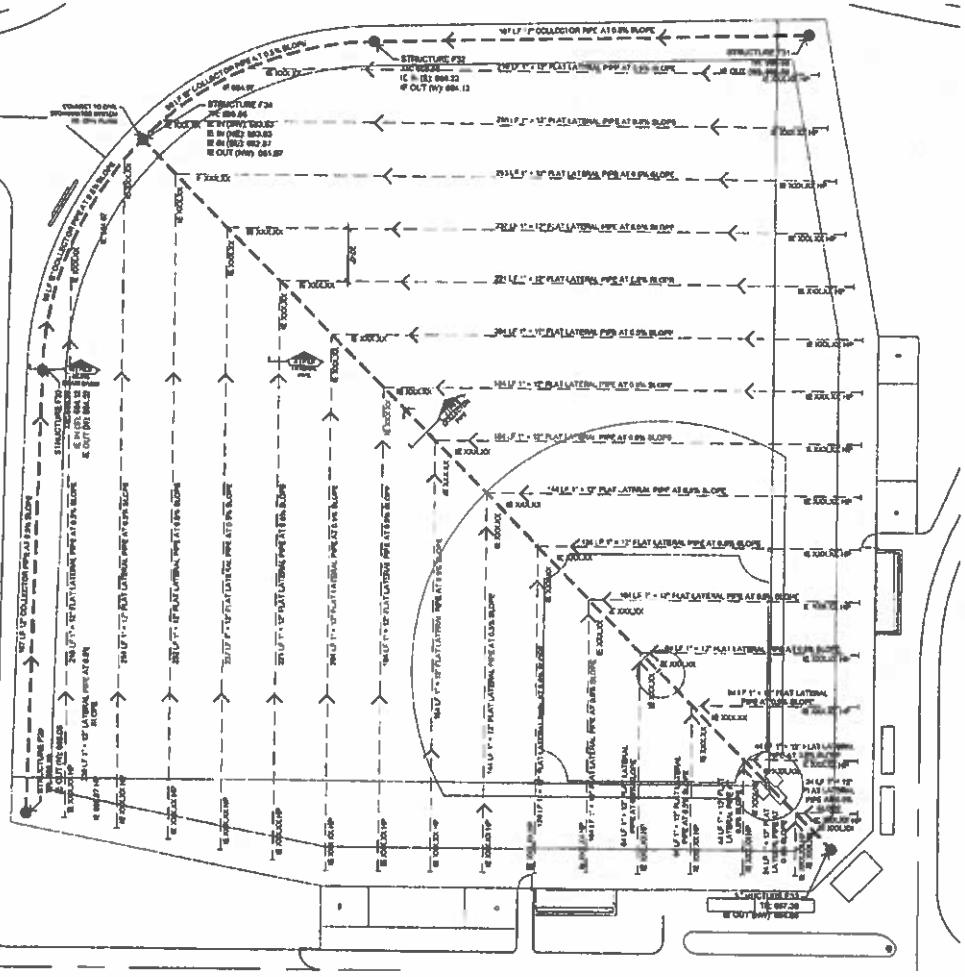
BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX
1799 S 5000N ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 05.23.2024
KHA PROJECT NO. 2968080001
SHEET NUMBER
P3.F

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- PLANS DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE F20 TR: 699.00 IE OUT (W): 695.00	STRUCTURE F28 TR: 699.00 IE IN (E): 694.12 IE OUT (W): 694.32
STRUCTURE F21 TR: 693.00 IE IN (W): 695.00	STRUCTURE F29 TR: 699.00 IE IN (E): 694.32 IE OUT (W): 694.12
STRUCTURE F22 TR: 697.36 IE IN (NW): 694.35	STRUCTURE F24 TR: 699.00 IE IN (NW): 694.53 IE IN (NW): 693.53 IE IN (NE): 693.67 IE OUT (W): 691.67

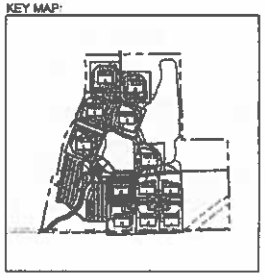
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DEPICTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 25' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL IS 1.0' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID PIPE, SEE RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESIGNED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET: 0 10 20 40

NORTH

KEY MAP:



REV.	REVISIONS	DATE	BY
2	75% - ISSUED FOR CLIENT REVIEW	02/26/24	JDK
1	50% - ISSUED FOR CLIENT REVIEW	01/05/24	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

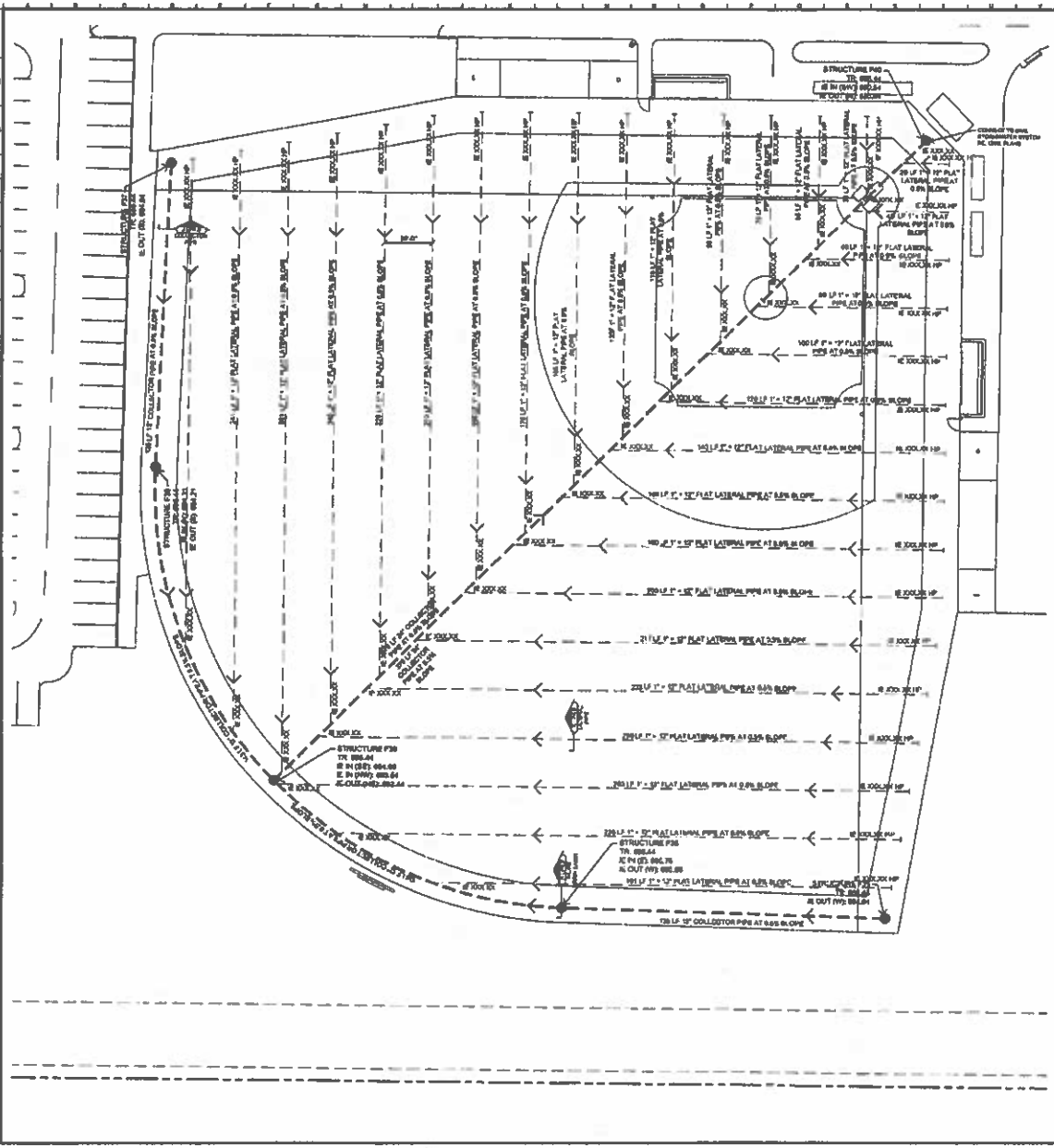
ORIGINAL ISSUED: 02/26/2024

KHA PROJECT NO.

SHEET NUMBER

P3.G

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- PLANE DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE F20 TR: 695.84 IE OUT (W): 684.84	STRUCTURE F30 JC IN (E): 686.76 IE OUT (W): 686.66
STRUCTURE F37 TR: 695.44 IE OUT (S): 684.84	STRUCTURE F38 TR: 695.44 IE IN (N): 684.31 IC OUT (S): 684.21
STRUCTURE F39 TR: 695.44 IE IN (NE): 684.69 IE IN (NW): 684.84 IE OUT (SE): 682.44	STRUCTURE F40 TR: 695.44 IE IN (SW): 686.84 IE OUT (W): 686.44

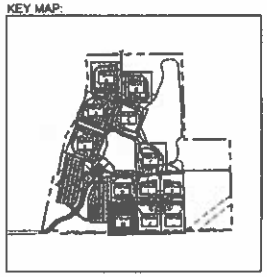
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CMP OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH TRIPLE INTERIOR SLOTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 25' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL IS 1.42' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RISER SEE NDS SUBWARDEN AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESIGNED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

KEY MAP:



NO.	REVISIONS	DATE	BY
2ND	ISSUED FOR CLIENT REVIEW	08/08/2024	JDK
1ST	ISSUED FOR CLIENT REVIEW	06/07/2024	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

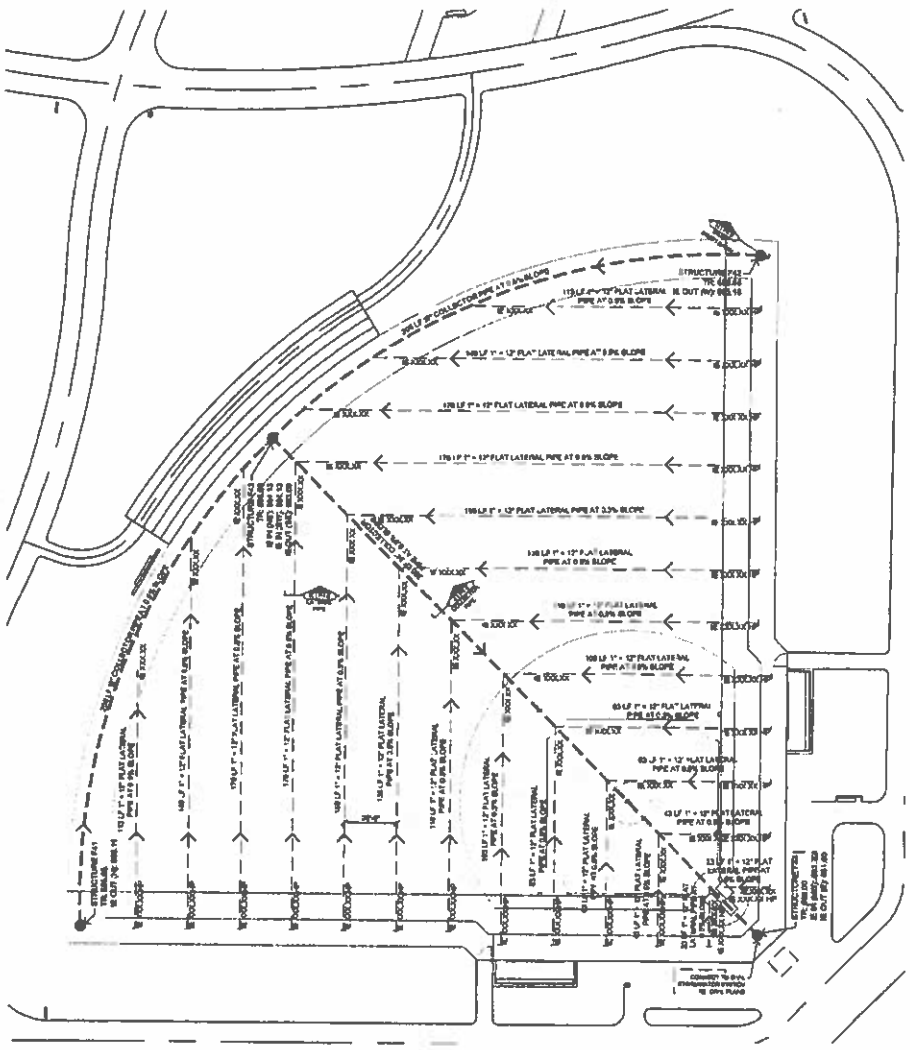
BRADLEY SPORTS COMPLEX

1750 E COOPER ROAD
BRADLEY, IL 60915

ORIGINAL ISSUE: 06/28/2024
KHA PROJECT NO. 193000001

SHEET NUMBER
P3.H

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- ROUND DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE P-01 TR: 698.00 IE OUT (W): 695.16	STRUCTURE P-02 TR: 698.00 IE OUT (W): 695.16
STRUCTURE P-03 TR: 698.00 IE IN (NE): 694.13 IE IN (SW): 694.13 IE OUT (SE): 693.93	STRUCTURE P-04 TR: 698.00 IE IN (NW): 691.70 IE OUT (E): 691.60

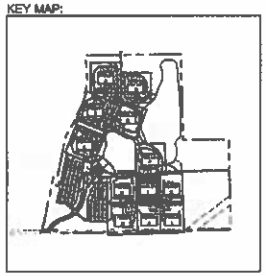
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DETECTED ON PLAN—SEE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 25' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT INVERT OF LATERAL IS 1' 49" BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT BOLTED RIM 36x1 HM SUBMARION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET 0 10 20 40

NORTH

KEY MAP:



No.	Date	Revision
A	02/26/2021	JDK
B	03/08/2021	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

1739 S SCOTT ROAD
BRADLEY, IL 60915

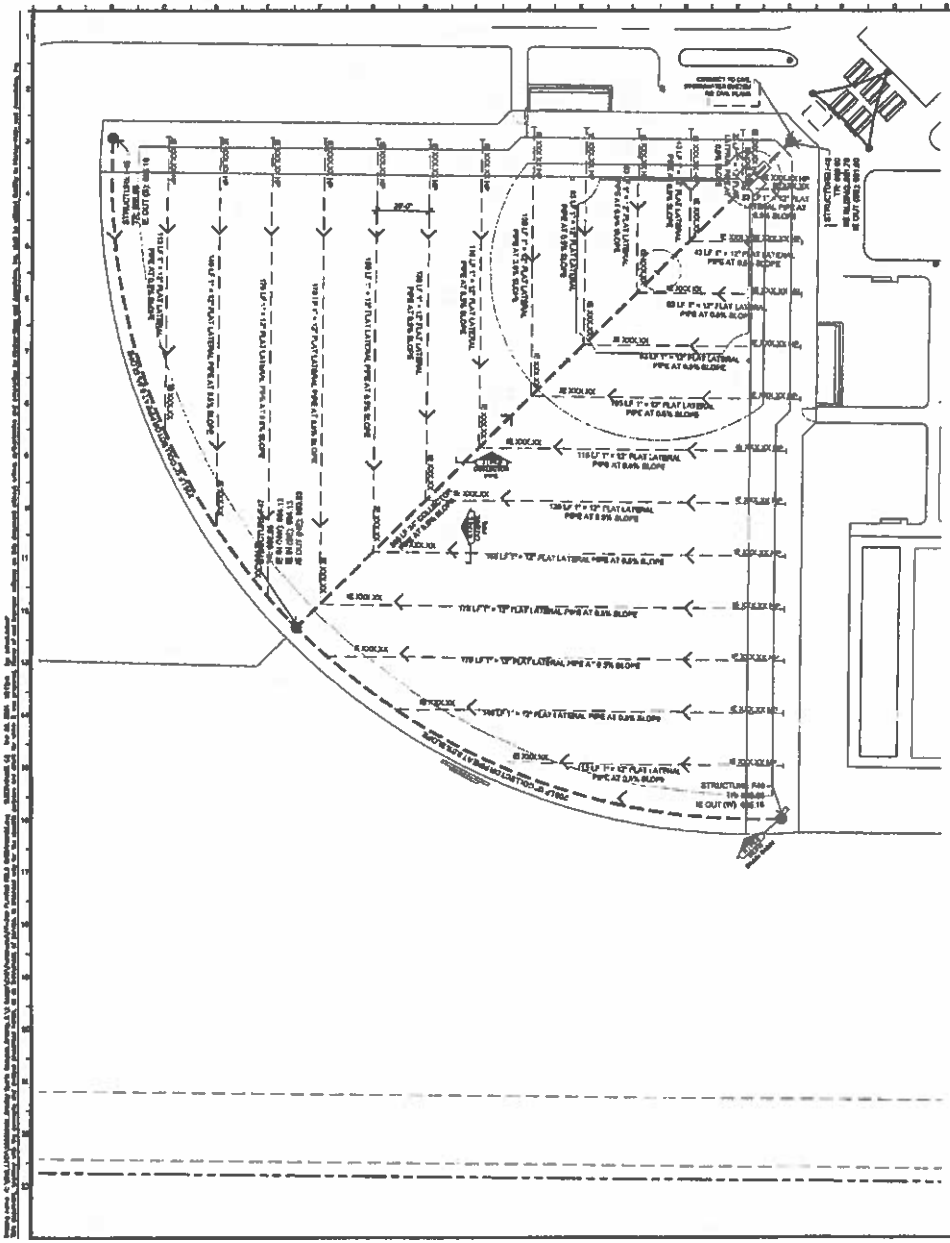
ORIGINAL ISSUED 02/26/2021

KHA PROJECT NO. 069600004

SHEET NUMBER

P3.1

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- NLINE DRAIN BASIN

STRUCTURE SCHEDULE:

STRUCTURE NO. TA: 599.00 IE OUT (S): 589.16	STRUCTURE NO. TA: 599.00 IE OUT (W): 589.16
STRUCTURE NO. TA: 599.00 IE IN (NW): 594.13 IE IN (SE): 589.13 IE OUT (NE): 589.00	STRUCTURE NO. TA: 599.00 IE IN (SW): 591.79 IE OUT (SE): 591.00

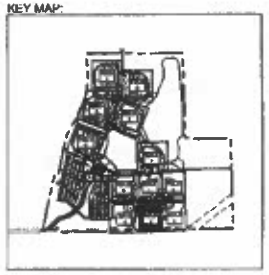
SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF DRAIN, OUTFALL, STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DEPICTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 20' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT (HIGHEST OF LATERAL IS 1.48' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

KEY MAP:



NO.	DATE	REVISIONS	BY
2	05/08/24	ISSUED FOR CLIENT REVIEW	JDK
1	01/05/24	ISSUED FOR CLIENT REVIEW	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

1781 E DIXON ROAD
BRADLEY, IL 60915

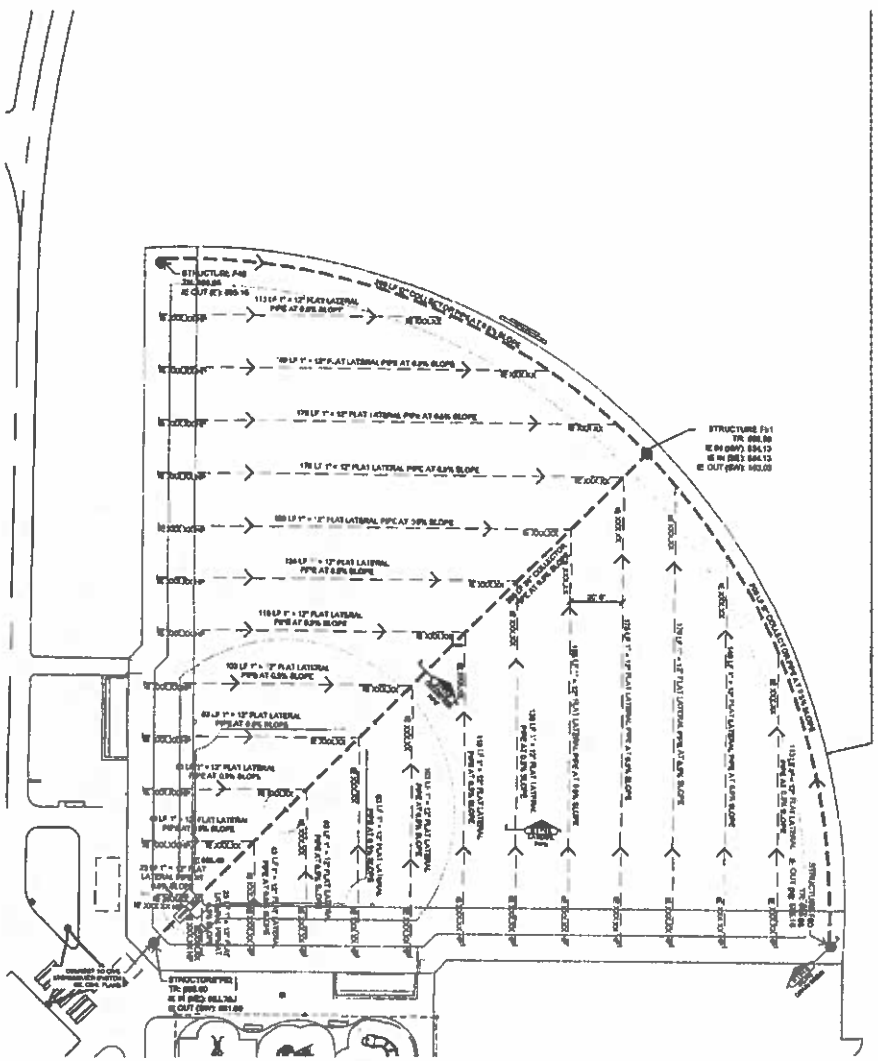
ORIGINAL ISSUE: 02/29/2024

KHA PROJECT NO. 069008001

SHEET NUMBER

P3.J

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- PLAYING FIELD DRAIN BASIN

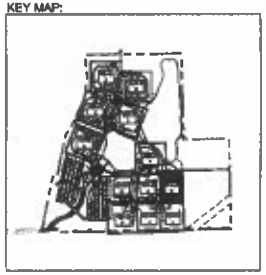
STRUCTURE SCHEDULE:

STRUCTURE F-02 TR: 886.00 IE OUT (E): 880.16	STRUCTURE F03 TR: 884.00 IE OUT (W): 880.16
STRUCTURE F01 TR: 886.00 IE IN (NW): 884.13 IE IN (SE): 884.13 IE OUT (SW): 881.63	STRUCTURE F05 TR: 884.00 IE IN (NE): 881.70 IE OUT (SW): 881.60

SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL INTERIOR SLOTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 4" ADS SLOTTED ROUND LATERAL AT 25' ON CENTER AT A SLOPE OF 0.9% OR AS S-CURVE. INSTALL 3-3/4" CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT SHOULD BE AT LATERAL +0.1 FT BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER TIGHT SOLID PIPE 3'x1' HIGH MANWARD AND BARREL IS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESCRIBED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

KEY MAP:



GRAPHIC SCALE IN FEET: 0 10 20 40

NORTH

No.	REVISIONS	DATE	BY
2	ISSUED FOR CLIENT REVIEW	05/06/21	JDK
1	ISSUED FOR CLIENT REVIEW	03/26/21	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

1100 E BOOH ROAD
BRADLEY, IL 60915

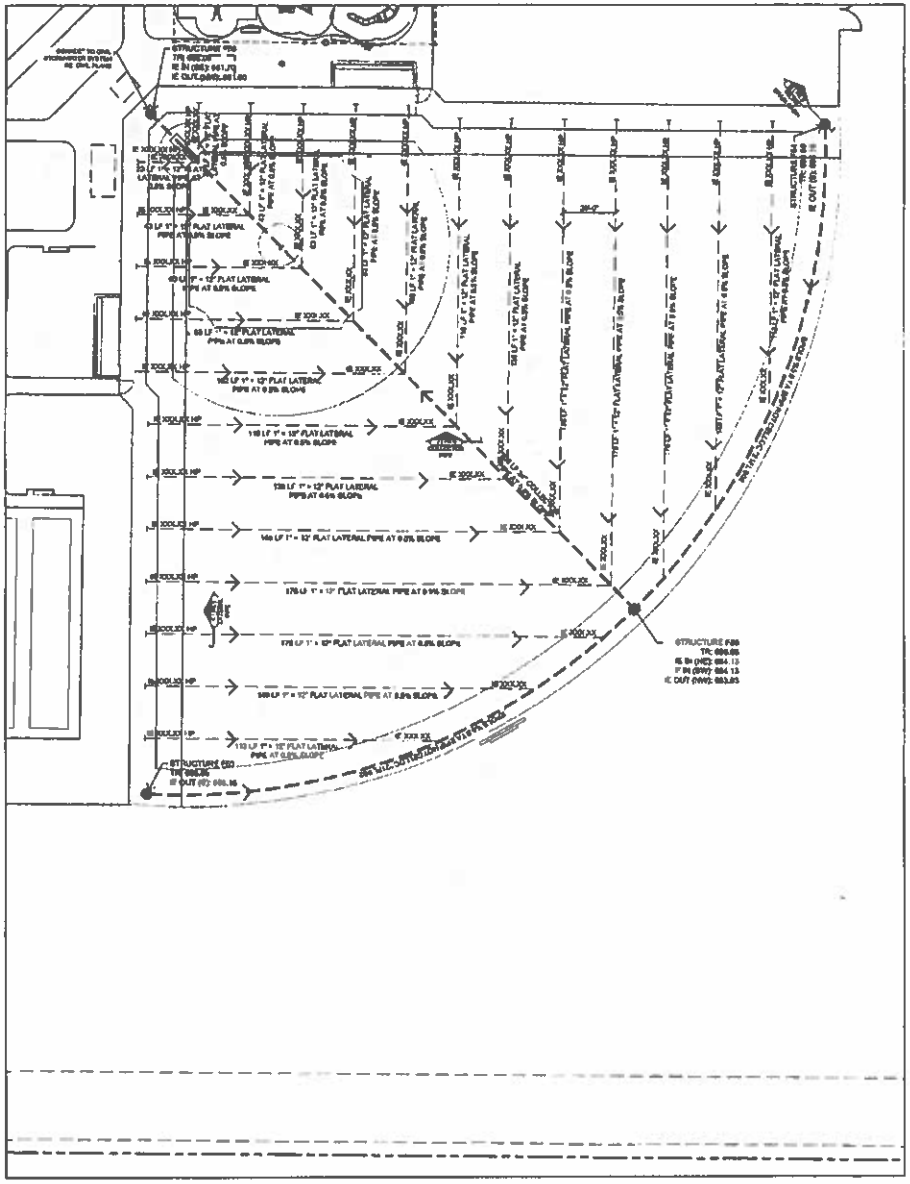
ORIGINAL ISSUED: 02/26/2021

KHA PROJECT NO. 068000001

SHEET NUMBER

P3.K

ISSUED FOR BID



SUBDRAINAGE LEGEND:

- COLLECTOR PIPE
- LATERAL DRAIN
- INLINE DRAIN BASIN

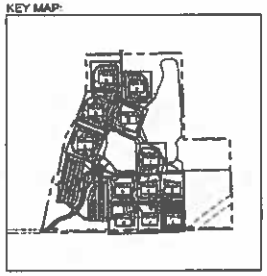
STRUCTURE SCHEDULE:

STRUCTURE NO. 100	STRUCTURE NO. 101
TR: 666.00	TR: 666.00
IE OUT (E): 666.10	IE OUT (E): 666.10
STRUCTURE NO. 102	STRUCTURE NO. 103
TR: 666.00	TR: 666.00
IE IN (NE): 664.13	IE IN (SE): 661.79
IE IN (SW): 664.13	IE OUT (SW): 661.60
IE OUT (NW): 663.65	

SUBDRAINAGE NOTES:

1. VERIFY LOCATION AND ELEVATION OF PLAYING FIELD STARTING POINT PRIOR TO PERFORMING ANY OTHER WORK.
2. PLAYING FIELD CONTRACTOR TO VERIFY ELEVATIONS OF CIVIL OUTFALL STRUCTURE PRIOR TO CONSTRUCTION.
3. INSTALL ADS N-12 SMOOTH WALL SITE OR SLOTTED COLLECTOR PIPE AS DIRECTED ON PLAN—SIZE AS INDICATED.
4. INSTALL 6" ADS SLOTTED ROUND LATERAL AT 20' ON CENTER AT A SLOPE OF 0.50% OR AS SHOWN. WATER-TIGHT CONNECTIONS ARE REQUIRED AT COLLECTOR. END CAPS SHALL BE INSTALLED AT ALL HIGH POINT LOCATIONS. HIGH POINT PIVOT OF LATERAL IS 1.49' BELOW FINISH GRADE OR AS NOTED.
5. INSTALL ADS DRAINAGE BASIN WITH WATER-TIGHT SOLID RIM. SET RIM ELEVATION AND INVERTS AS NOTED ON SUBDRAINAGE PLAN.
6. SHOP DRAWINGS FOR NECESSARY MATERIALS TO CONSTRUCT THE SUBDRAINAGE SYSTEM AS DESIGNED SHALL BE SUBMITTED AND APPROVED BY ENGINEER OF RECORD PRIOR TO ORDERING MATERIALS.

KEY MAP:



GRAPHIC SCALE IN FEET

NORTH

NO.	DATE	REVISIONS	BY
2	02/26/24	ISSUED FOR CLIENT REVIEW	JDK
1	01/05/24	ISSUED FOR CLIENT REVIEW	JDK

Kimley»Horn

BRADLEY

PLAYING FIELD SUBDRAINAGE PLAN

BRADLEY SPORTS COMPLEX

1195 E COOKS ROAD
BRADLEY, IL 60915

ORIGINAL ISSUED
02/26/2024

KHA PROJECT NO.
[illegible]

SHEET NUMBER
P3.L

ISSUED FOR BID