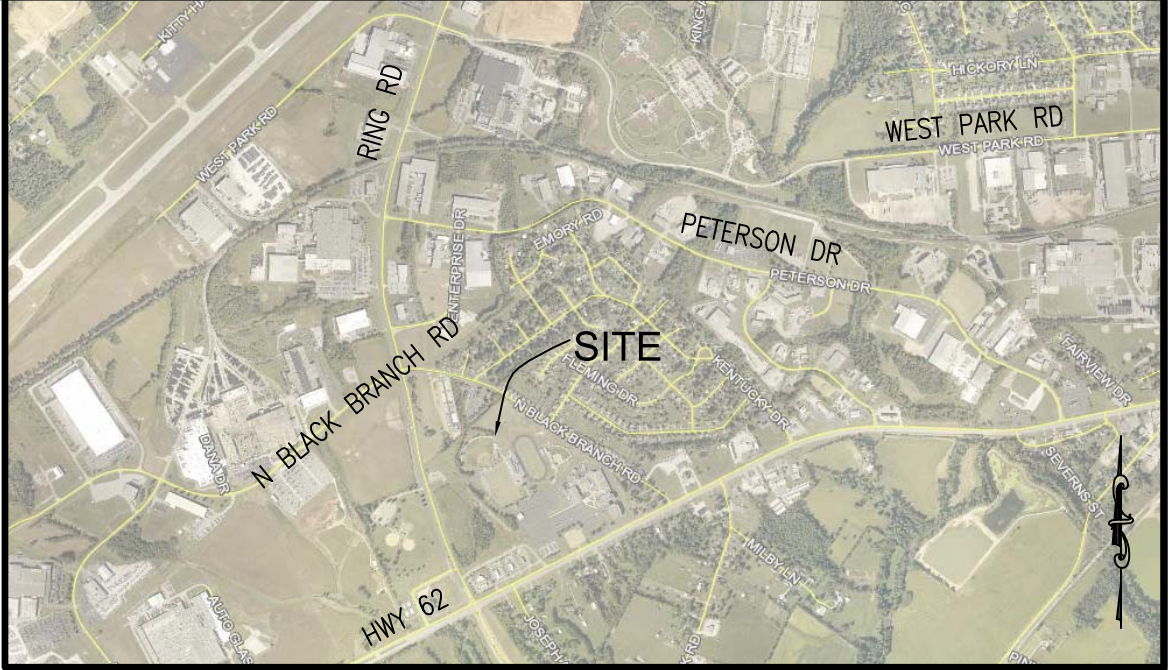


Grid North
Tied to the
Ky. State Plane Coordinate System
NAD 83 (GNSS) - Ky. South Zone
Referenced to
Kentucky Department of Transportation (RTN Network)
Using Trimble R8 - GPS Receiver - RTK METHOD
VERTICAL DATUM: NAVD 88 - GEOID G12AUS
Grid to Ground CGF = 1.000065612870



VICINITY MAP

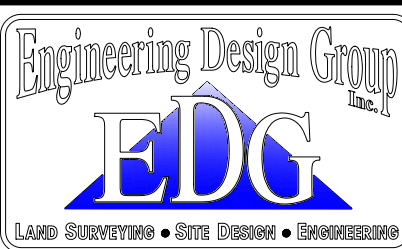
LEGEND

- 718.05 EXISTING SPOT ELEVATION
- 720 INDEX CONTOUR
- 718 INTERMEDIATE CONTOUR
- EXISTING CONTOUR INTERVAL = 1 FOOT

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

EXISTING CONDITION PLAN

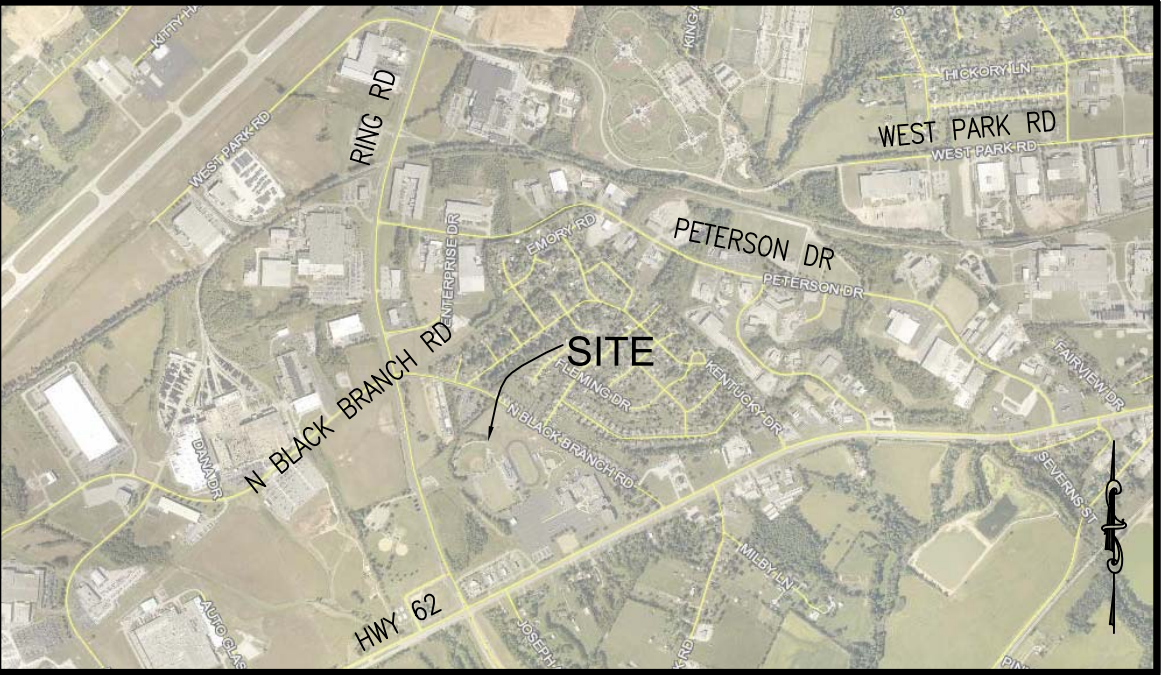
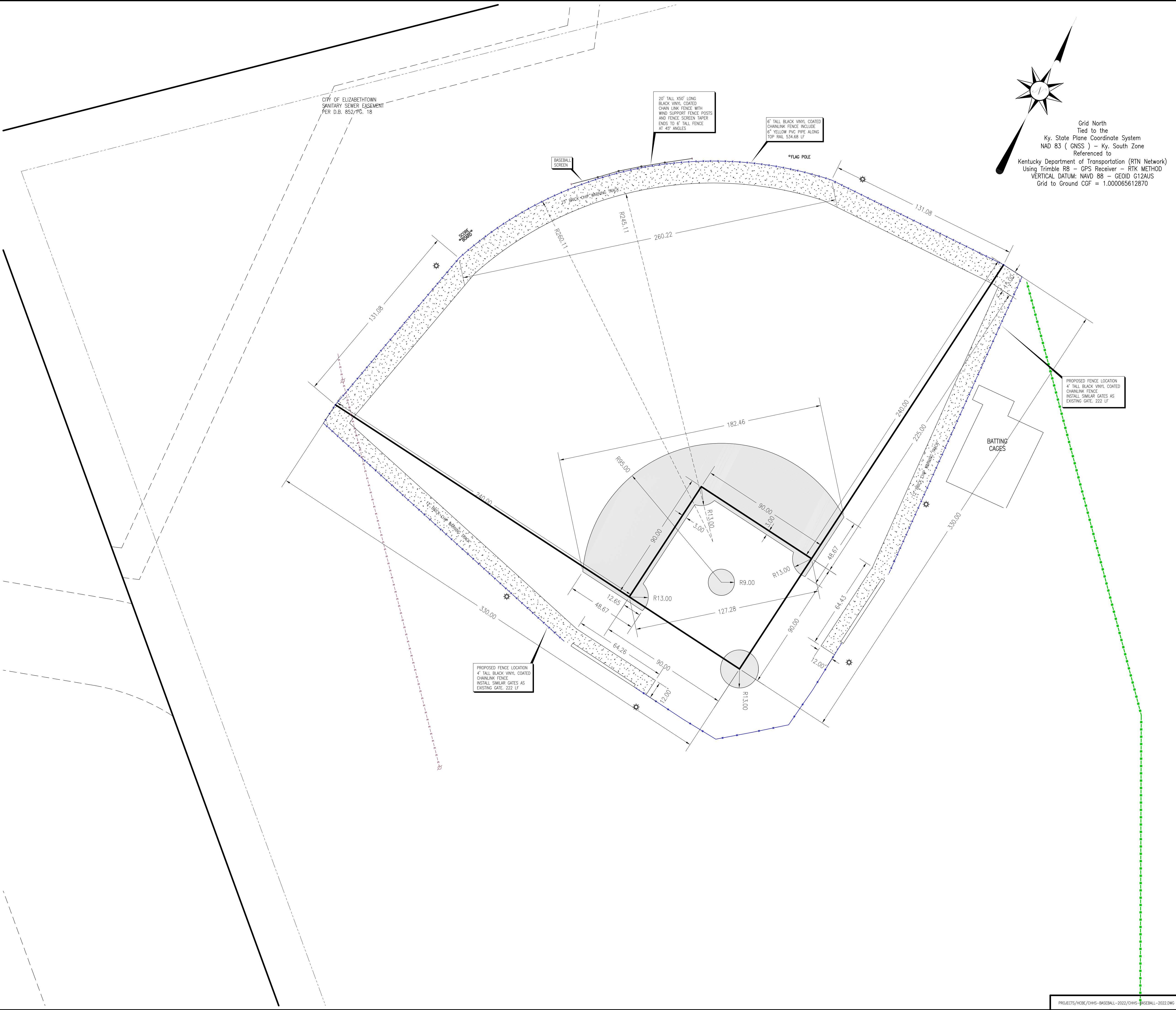
ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436 (270) 765-9908 FAX



DATE: JUNE 2, 2022 SCALE: 1" = 30'

SHEET 1 OF 8

PROJECTS/HCS/CHHS-BASEBALL-2022/CHHS-BASEBALL-2022.DWG



FENCE NOTES

1. ALL FENCE SHALL INCLUDE TOP RAIL AND BOTTOM FENCE WIRE TIE
2. ALL FENCE SHALL BE KNUCKLE TO KNUCKLE TOP AND BOTTOM
3. FENCE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL FENCE RELATED ITEMS TO ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIAL

LEGEND

- SKINNED AREA
- BRICK CHIP WARNING TRACK

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

SITE LAYOUT & FENCE PLAN

ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436

Engineering Design Group

EDG

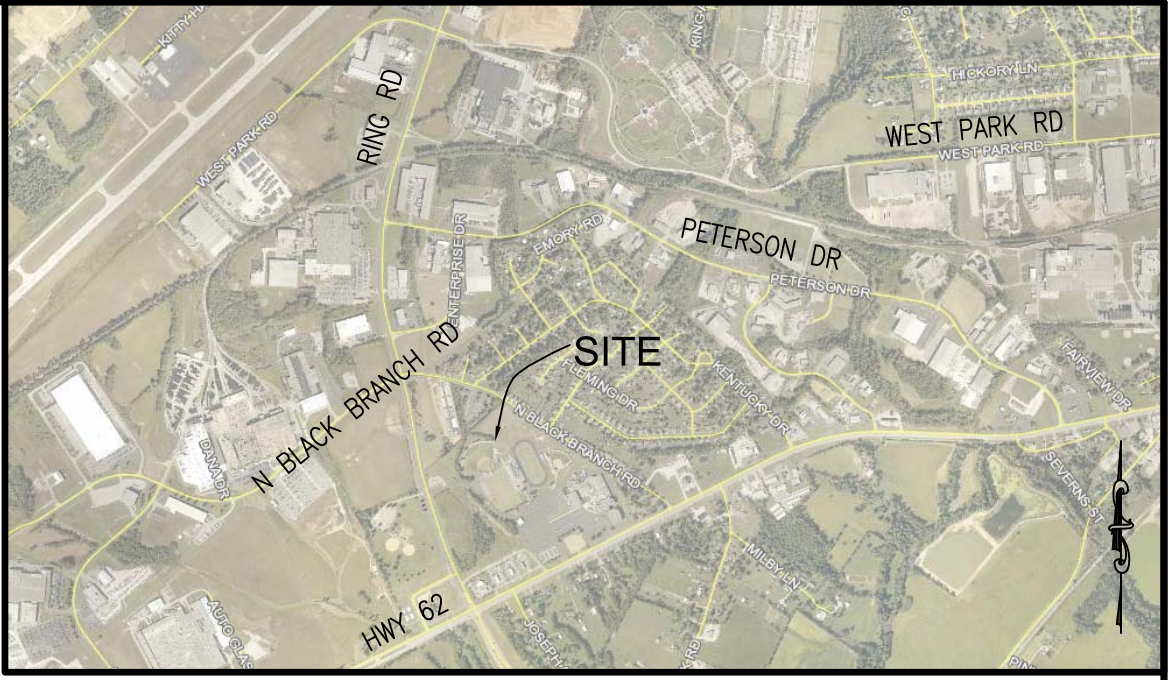
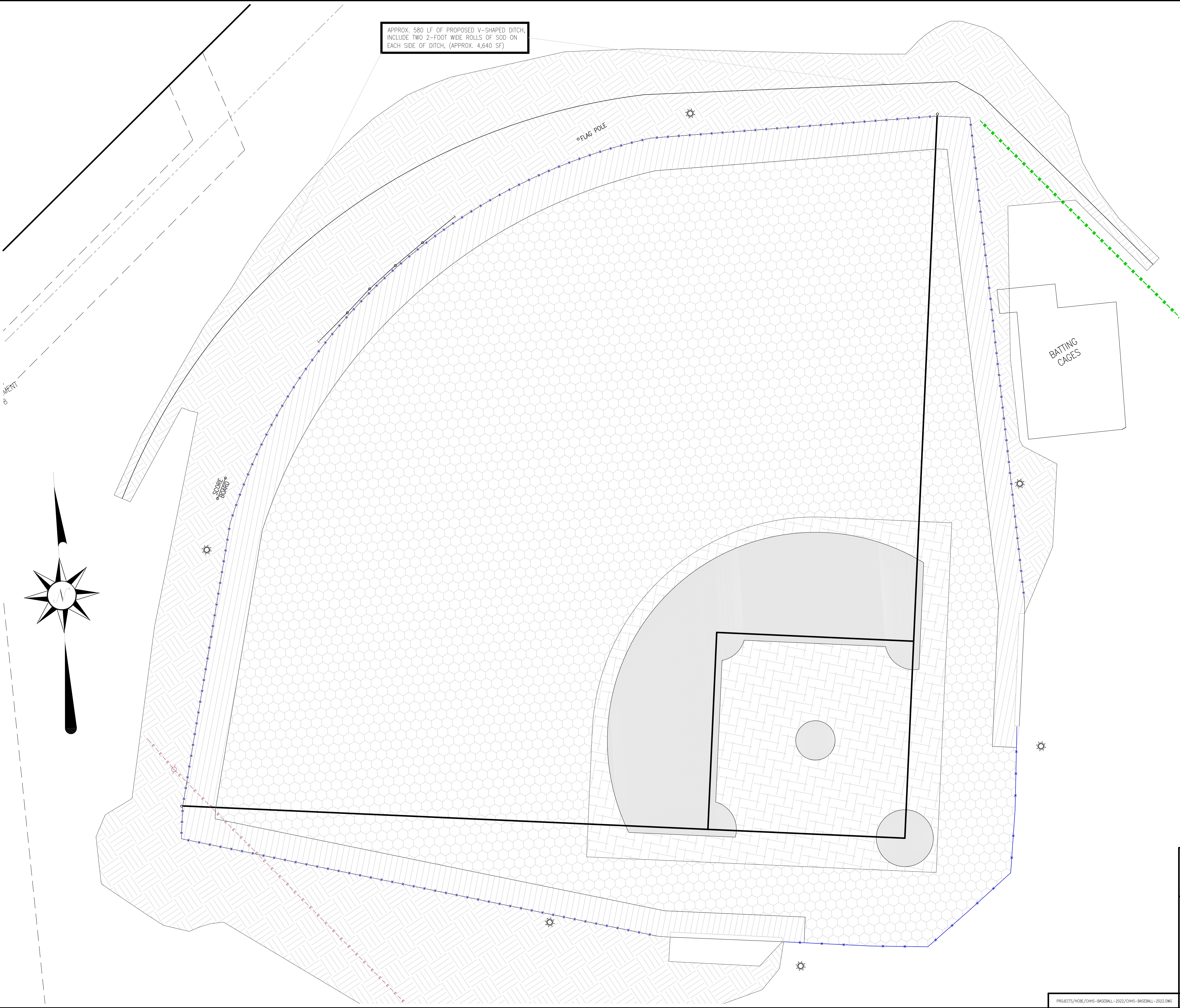
LAND SURVEYING • SITE DESIGN • ENGINEERING

DATE: JUNE 2, 2022

SCALE: 1" = 30'

SHEET 2 OF 8

PROJECTS\HCB\CHHS-BASEBALL-2022\CHHS-BASEBALL-2022.DWG



VICINITY MAP

SITE CONTRACTOR CONSTRUCTION NOTES

- 1 - EXISTING CHAIN LINK FENCE BETWEEN EACH DUGOUT AND AROUND THE OUTFIELD SHALL BE REMOVED AND STORED ON SITE BY THE FENCE CONTRACTOR PRIOR TO START OF CONSTRUCTION BY THE SITE CONTRACTOR. NOTE IT SHALL BE THE SITE CONTRACTOR'S RESPONSIBILITY TO REMOVE AND DISPOSE OF ALL EXISTING FENCE POSTS IN THIS AREA.
- 2 - EXISTING GRASS WITHIN THE BASEBALL FIELD, (FENCED AREA), SHALL BE SPRAYED AND KILLED BY THE LANDSCAPE CONTRACTOR PRIOR TO START OF CONSTRUCTION BY THE SITE CONTRACTOR.
- 3 - DEMOLISH AND REMOVE AND DISPOSE OF THE EXISTING THIRD BASE DUGOUT. THE EXISTING FOOTER, CONCRETE FLOOR AND CONCRETE STEPS LEADING TO THE BASEBALL FIELD SHALL REMAIN AND SHALL NOT BE REMOVED. SITE CONTRACTOR SHALL TAKE CARE SO AS TO NOT DAMAGE THE EXISTING, FOOTER, CONCRETE FLOOR AND CONCRETE STEPS LEADING TO THE BASEBALL FIELD.
- 4 - REMOVE AND SALVAGE ON SITE, TO THE EXTENT POSSIBLE, ALL EXISTING WARNING TRACK GRANULAR MATERIAL. SITE CONTRACTOR SHALL TAKE CARE SO AS TO NOT MIX EARTH MATERIAL INTO THE GRANULAR WARNING TRACK MATERIAL DURING THIS PROCESS. GRANULAR MATERIAL SHALL BE STOCKPILED ON THE EAST SIDE OF THE EXISTING BATTING CAGES ALONG THE RIGHT FIELD FOUL LINE.
- 5 - REMOVE AND SALVAGE ON SITE, TO THE EXTENT POSSIBLE, ALL EXISTING INFIELD CONDITIONED SOIL. SITE CONTRACTOR SHALL TAKE CARE SO AS TO NOT MIX EARTH MATERIAL INTO THE INFIELD CONDITIONED SOIL DURING THIS PROCESS. INFIELD CONDITIONED SOIL SHALL BE STOCKPILED ON THE EAST SIDE OF THE EXISTING BATTING CAGES ALONG THE RIGHT FIELD FOUL LINE.
- 6 - REMOVE AND DISPOSE OF ALL EXISTING TREES AND OR VEGETATION WITHIN THE DISTURBED AREA. IT IS THE INTENT OF THE GRADING PLAN TO MINIMIZE GRADING AT ALL LIGHT POLES, THE FLAG POLE, AND THE SCORE BOARD.
- 7 - SAW CUT APPROX. 11 LF OF CONCRETE AND REMOVE AND DISPOSE OF APPROX. 8' x 11' CONCRETE PAD AT NORTHWEST CORNER OF BATTING CAGES ALONG RIGHT FIELD FOUL LINE.
- 8 - REMOVE AND DISPOSE OF ALL EXISTING GRASS WITHIN THE BASEBALL FIELD AREA. SITE CONTRACTOR SHALL TAKE CARE TO REMOVE A MINIMAL AMOUNT OF TOPSOIL WHEN REMOVING GRASS FROM BASEBALL FIELD AREA. THE FILED IRRIGATION SYSTEM WILL BE SHUT OFF BY THE OWNER PRIOR TO THE START OF CONSTRUCTION. SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL IRRIGATION SYSTEM COMPONENTS ENCOUNTERED DURING CONSTRUCTION.
- 9 - STRIP ALL TOPSOIL WITHIN THE DISTURBED AREA. SAID TOPSOIL SHALL BE STOCKPILED OUTSIDE OF THE DISTURBED AREA ALONG THE LEFT FIELD SIDE OF THE BASEBALL FIELD. UPON COMPLETION OF GRADING, SAID TOPSOIL SHALL BE SIFTED SO AS TO REMOVE ALL ROCKS, CLODS, AND DEBRIS AND THEN RE-DISTRIBUTED ON THE BASEBALL FIELD.
- 10 - GRADE THE BASEBALL FIELD AND ALL DISTURBED AREAS TO MATCH THE PROPOSED SPOT ELEVATIONS AND CONTOURS AS SHOWN HEREON. EXCESS EARTH MATERIAL SHALL BE REMOVED AND HAULED OFF-SITE. IF ADDITIONAL EARTH MATERIAL IS REQUIRED SAID EARTH MATERIAL IS AVAILABLE NEAR THE BAND TOWER ON THE CHHS CAMPUS, (IF ADDITIONAL EARTH IS SUPPLEMENT TO TOPSOIL, IT MUST BE SIFTED AS PREVIOUSLY SPECIFIED). DUE TO THE NATURE OF THE PROJECT, IT IS ESSENTIAL THAT THE SITE CONTRACTOR GRADE THE DISTURBED AREAS AS SHOWN HEREON. UPON COMPLETION OF GRADING, THE SITE CONTRACTOR SHALL PERFORM AN AS-BUILT TOPOGRAPHIC SURVEY OF THE DISTURBED AREAS TO CONFIRM COMPLIANCE WITH THE PROPOSED GRADING PLAN. PROPOSED FIELD EARTH CROSS SECTIONS SHALL BE AS NOTED HEREIN.

AREAS OUTSIDE OF BASEBALL FIELD

CUT/FILL TO SUB-GRADE
6-INCH SIFTED TOPSOIL



BASEBALL FIELD - OUTFIELD AREA

CUT/FILL TO SUB-GRADE
8-INCH SIFTED TOPSOIL



BASEBALL FIELD - WARNING TRACK AREA

(INCLUDES AREA IN FRONT OF DUGOUTS, DOWN THE RIGHT AND LEFT FIELD FOUL LINES AND ALONG THE OUTFIELD FENCE)
CUT/FILL TO SUB-GRADE
4-INCH SIFTED TOPSOIL
4-INCH BRICK CHIPS (BRICK CHIPS TO BE INSTALLED BY LANDSCAPE CONTRACTOR)



NON-SKINNED AREA (SOD)



SKINNED AREA (CONDITIONED SOIL)

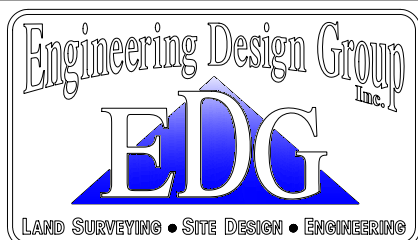
BASEBALL FIELD - INFIELD AREA

CUT/FILL TO SUB-GRADE
INSTALL BOTTOM LAYER OF FILTER FABRIC TO WRAP UNDER TOP LAYER OF FILTER FABRIC
INSTALL SUB-SURFACE DRAINAGE PIPE PER DRAINAGE PLAN, (SEE SHEET X OF X)
12-INCH CLEAN No. 57 STONE BACKFILL
INSTALL TOP LAYER OF FILTER FABRIC TO WRAP OVER BOTTOM LAYER OF FILTER FABRIC
8-INCH SIFTED TOPSOIL IN NON-SKINNED AREAS OF INFIELD
4-INCH SIFTED TOPSOIL AND 4-INCH CONDITIONED SOIL IN SKINNED AREAS OF INFIELD. (4-INCH CONDITIONED SOIL IN SKINNED AREAS OF INFIELD TO BE INSTALLED BY LANDSCAPE CONTRACTOR)
NOTE: UPON COMPLETION OF TOP LAYER OF FILTER FABRIC AND PRIOR TO THE INSTALLATION OF SIFTED TOPSOIL THE IRRIGATION CONTRACTOR SHALL INSTALL THE PROPOSED IRRIGATION SYSTEM IN THE INFIELD AREA.

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

CROSS SECTION PLAN

ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436 (270) 765-9908 FAX

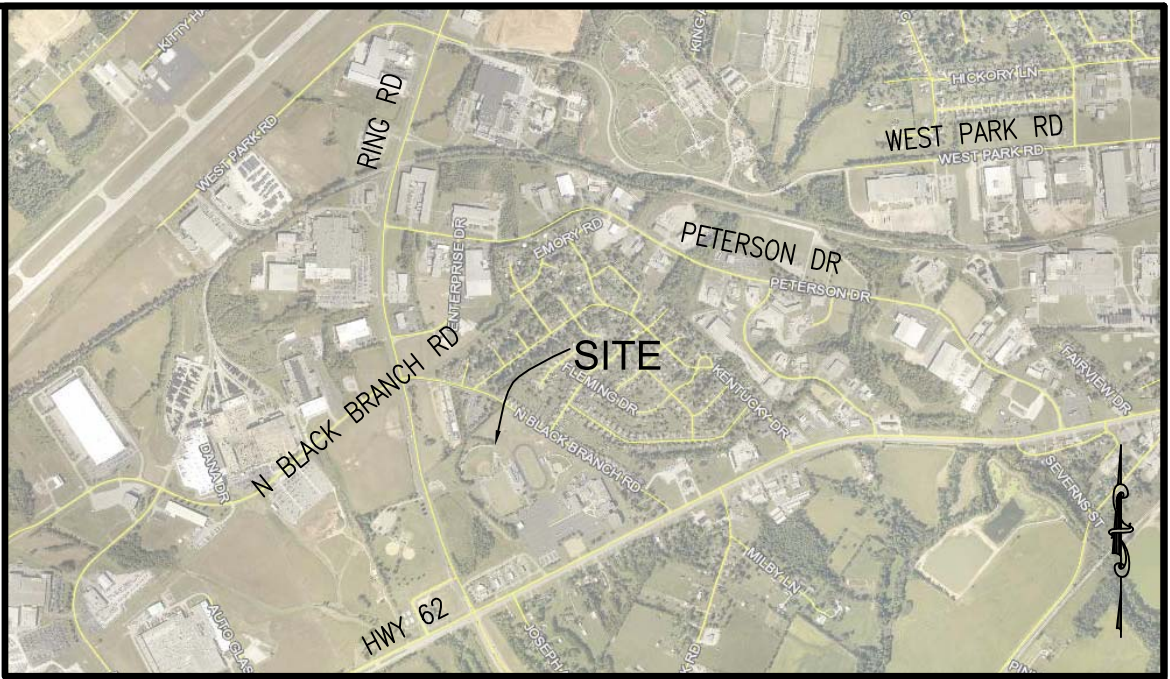
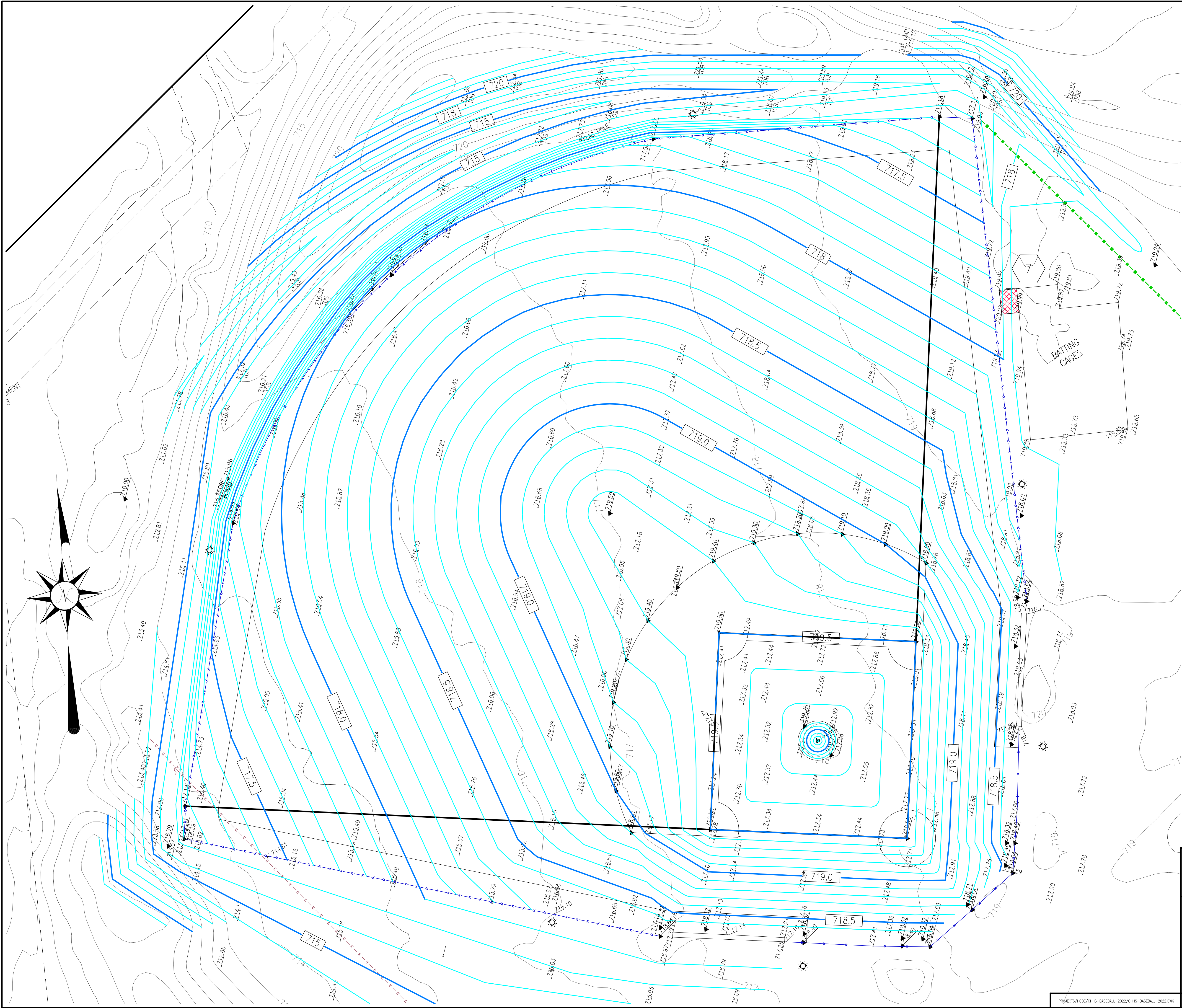


DATE: JUNE 2, 2022

SCALE: 1" = 20'

SHEET 3 OF 8

PROJECTS/HCS/CHHS-BASEBALL-2022/CHHS-BASEBALL-2022.DWG



VICINITY MAP

SITE CONTRACTOR CONSTRUCTION NOTES

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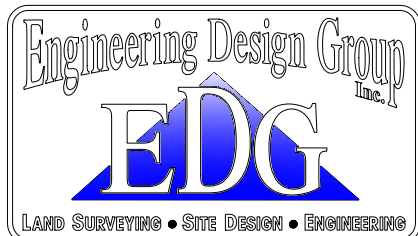
LEGEND

- | | | |
|--|-------------------------------|--|
| | EXISTING SPOT ELEVATION | |
| | EXISTING INDEX CONTOUR | |
| | EXISTING INTERMEDIATE CONTOUR | EXISTING CONTOUR INTERVAL = 1 FOOT |
| | PROPOSED SPOT ELEVATION | |
| | PROPOSED INDEX CONTOUR | |
| | PROPOSED INTERMEDIATE CONTOUR | PROPOSED CONTOUR INTERVAL = 1 FOOT
OUTSIDE BASEBALL FIELD AREA |
| | PROPOSED SPOT ELEVATION | |
| | PROPOSED INDEX CONTOUR | |
| | PROPOSED INTERMEDIATE CONTOUR | PROPOSED CONTOUR INTERVAL = 0.1 FOOT
INSIDE BASEBALL FIELD AREA |

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

PROPOSED GRADING PLAN

ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436 (270) 765-9908 FAX

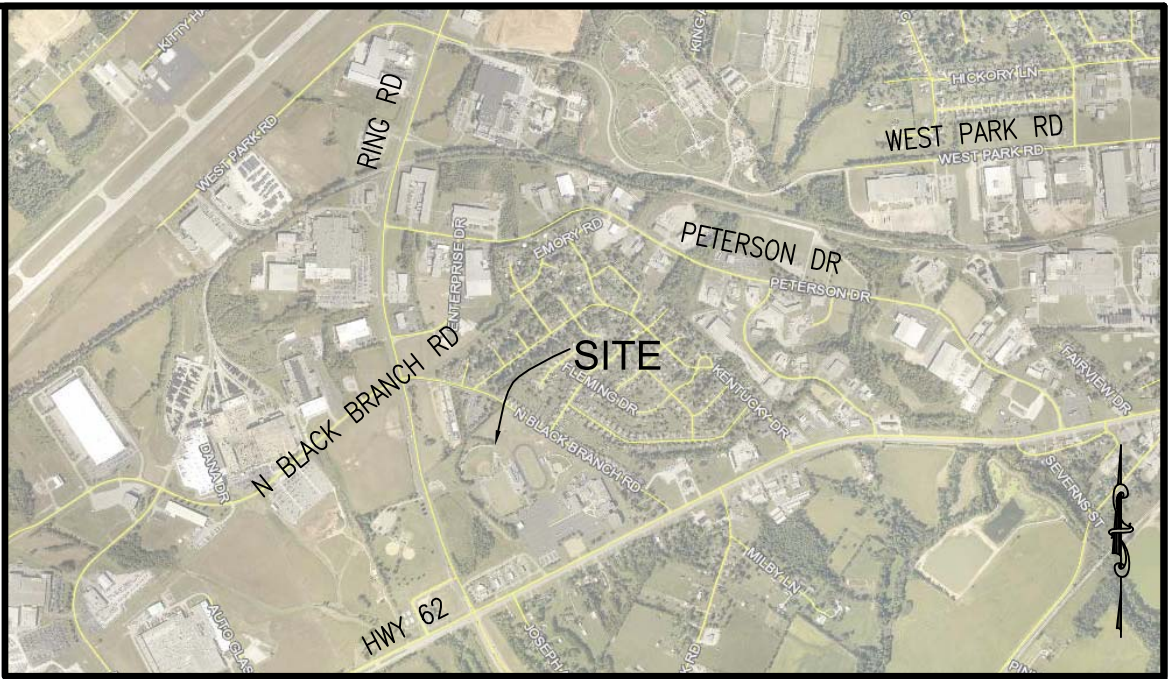


DATE: JUNE 2, 2022

SCALE: 1" = 20'

SHEET 4 OF 8

PROJECTS\HCS\CHHS-BASEBALL-2022\CHHS-BASEBALL-2022.DWG



VICINITY MAP

SITE CONTRACTOR CONSTRUCTION NOTES

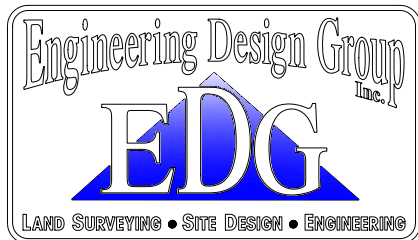
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LEGEND

- | | | |
|--|--|---|
| | EXISTING SPOT ELEVATION | |
| | EXISTING INDEX CONTOUR | |
| | EXISTING INTERMEDIATE CONTOUR | EXISTING CONTOUR INTERVAL = 1 FOOT |
| | PROPOSED SPOT ELEVATION | |
| | PROPOSED INDEX CONTOUR | |
| | PROPOSED INTERMEDIATE CONTOUR | PROPOSED CONTOUR INTERVAL = 1 FOOT
OUTSIDE BASEBALL FIELD AREA |
| | PROPOSED SPOT ELEVATION | |
| | PROPOSED SPOT ELEVATION TOP OF TRENCH DRAIN | |
| | PROPOSED SPOT ELEVATION - INVERT SUB-SURFACE DRAINAGE PIPE | |
| | PROPOSED SPOT ELEVATION - SUB-GRADE | |
| | | NOTE WHEN INVERT SUB-SURFACE DRAINAGE PIPE ELEVATION IS LOWER THAN SUB-GRADE ELEVATION, THE CONTRACTOR SHALL EXCAVATE SUB-GRADE TO THE INVERT SUB-SURFACE DRAINAGE PIPE ELEVATION |
| | PROPOSED INDEX CONTOUR | |
| | PROPOSED INTERMEDIATE CONTOUR | PROPOSED CONTOUR INTERVAL = 0.1 FOOT
INSIDE BASEBALL FIELD AREA |

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD
PROPOSED GRADING PLAN - ENLARGED
INFELD SUB-GRADE ELEVATIONS

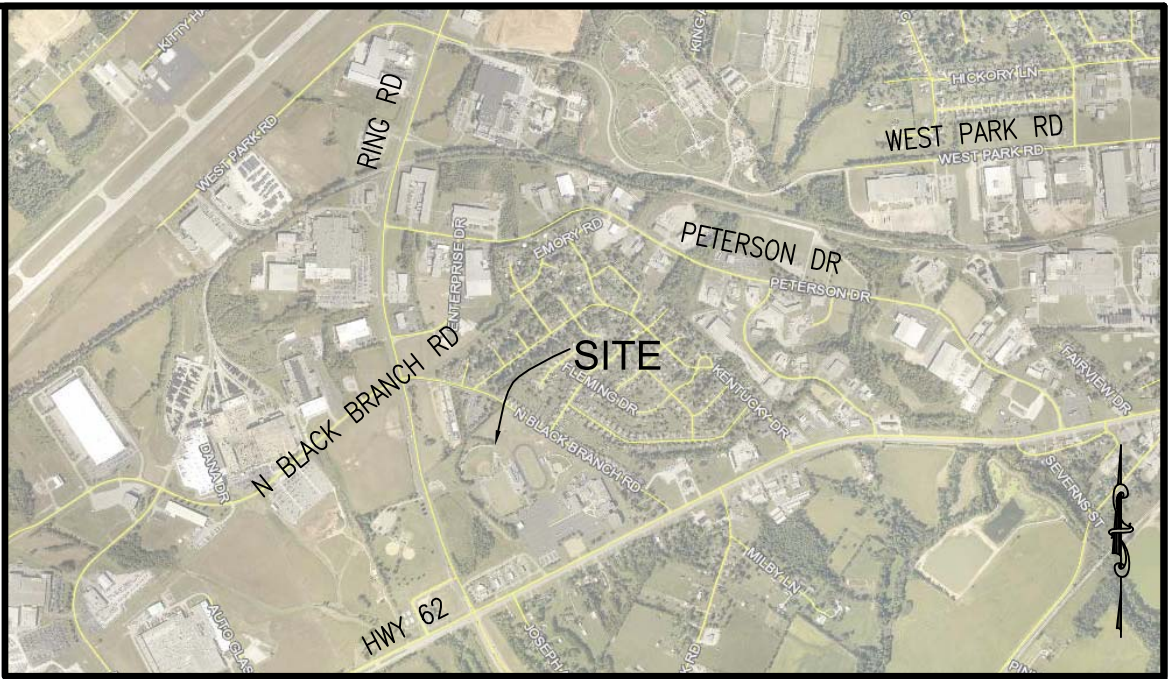
ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
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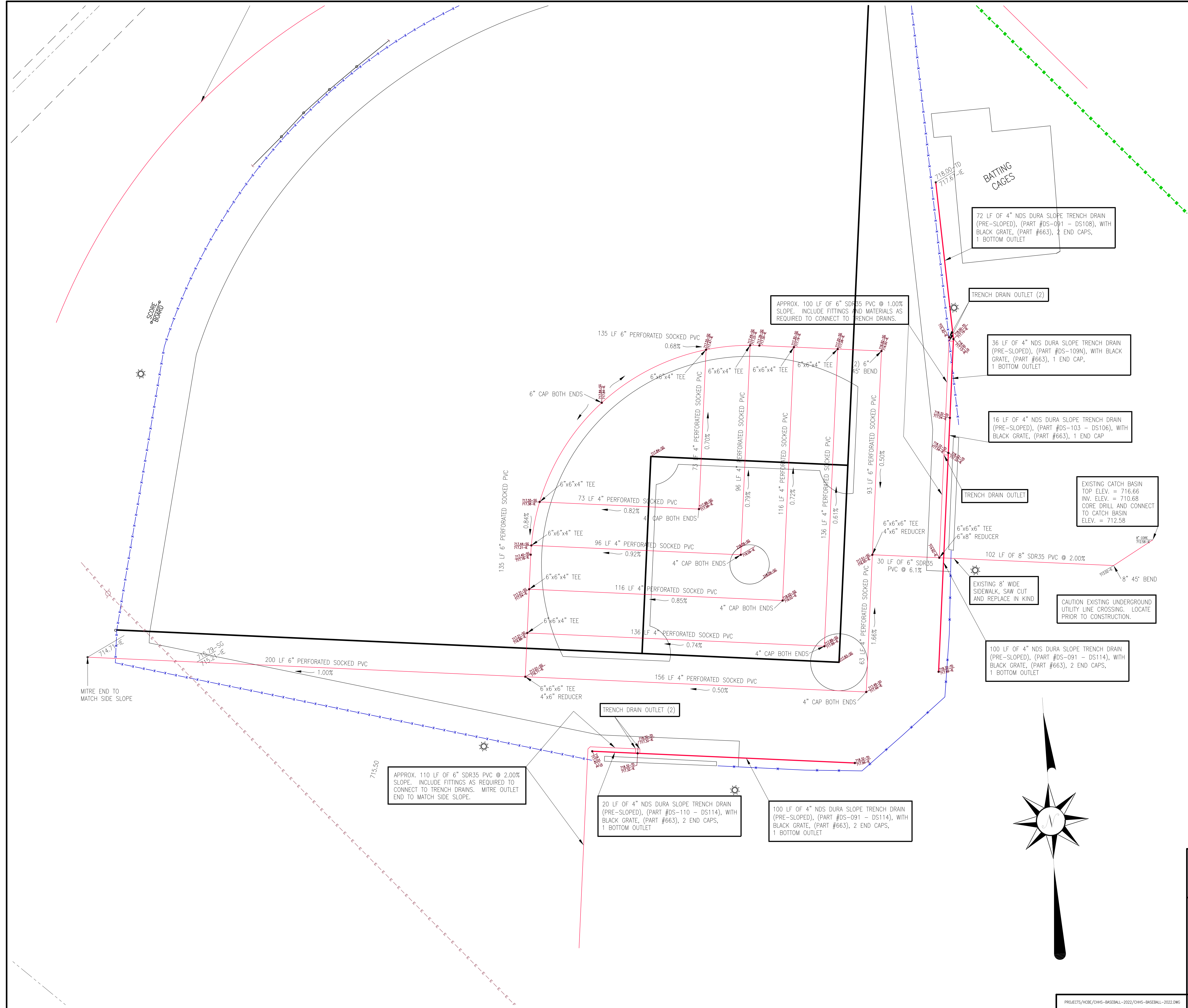
DATE: JUNE 2, 2022 SCALE: 1" = 20'

SHEET 5 OF 8

PROJECTS\CHHS\CHHS-BASEBALL-2022\CHHS-BASEBALL-2022.DWG



VICINITY MAP



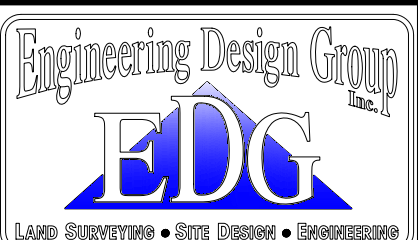
LEGEND

- EXISTING SPOT ELEVATION
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING CONTOUR INTERVAL = 1 FOOT
- PROPOSED SPOT ELEVATION
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED CONTOUR INTERVAL = 1 FOOT OUTSIDE BASEBALL FIELD AREA
- PROPOSED SPOT ELEVATION
- PROPOSED SPOT ELEVATION TOP OF TRENCH DRAIN
- PROPOSED SPOT ELEVATION - INVERT SUB-SURFACE DRAINAGE PIPE
- PROPOSED SPOT ELEVATION - SUB-GRADE
- NOTE WHEN INVERT SUB-SURFACE DRAINAGE PIPE ELEVATION IS LOWER THAN SUB-GRADE ELEVATION, THE CONTRACTOR SHALL EXCAVATE SUB-GRADE TO THE INVERT SUB-SURFACE DRAINAGE PIPE ELEVATION
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED CONTOUR INTERVAL = 0.1 FOOT INSIDE BASEBALL FIELD AREA

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

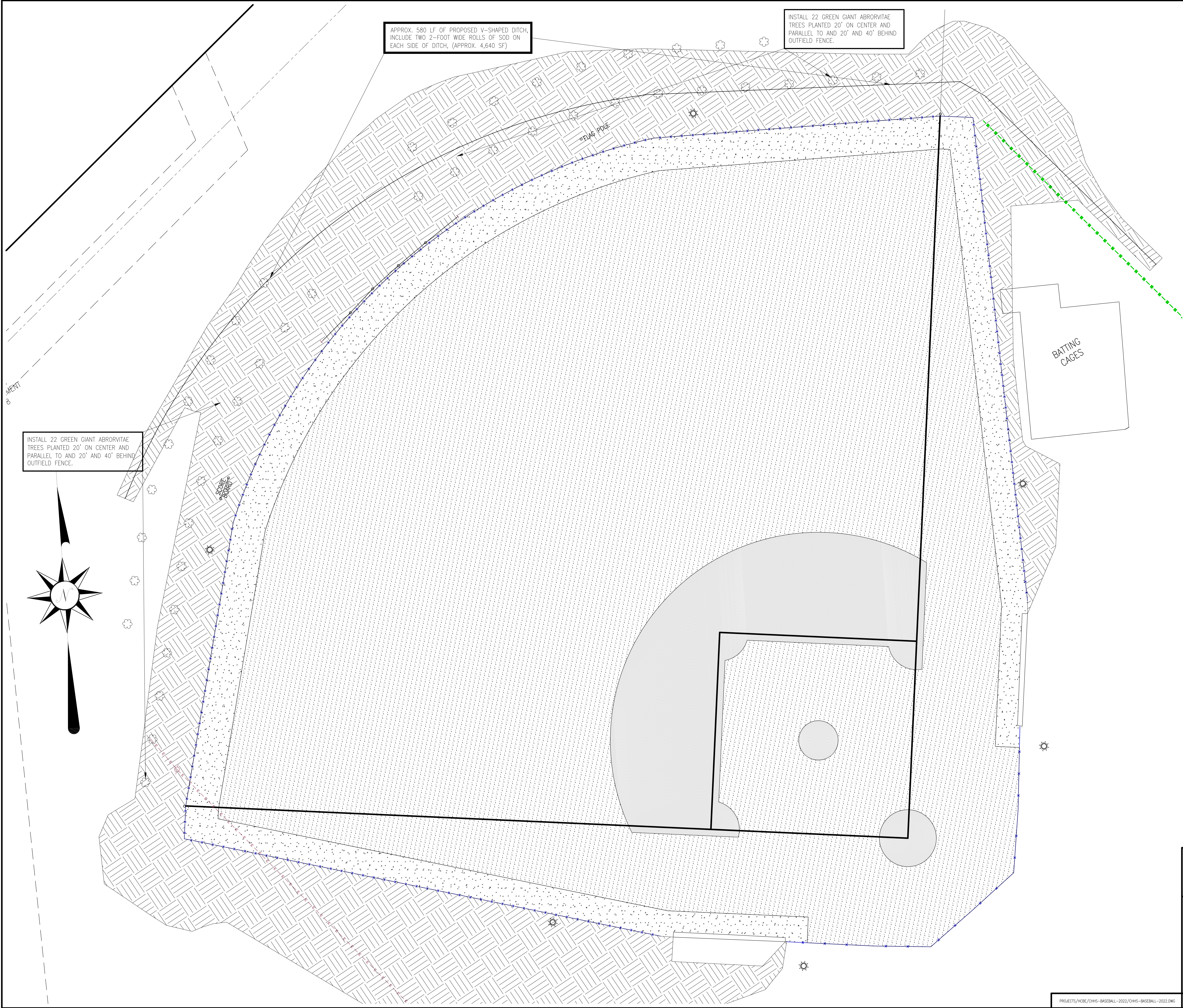
PROPOSED DRAINAGE PLAN

ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436 (270) 765-9908 FAX



DATE: JUNE 2, 2022 SCALE: 1" = 20'

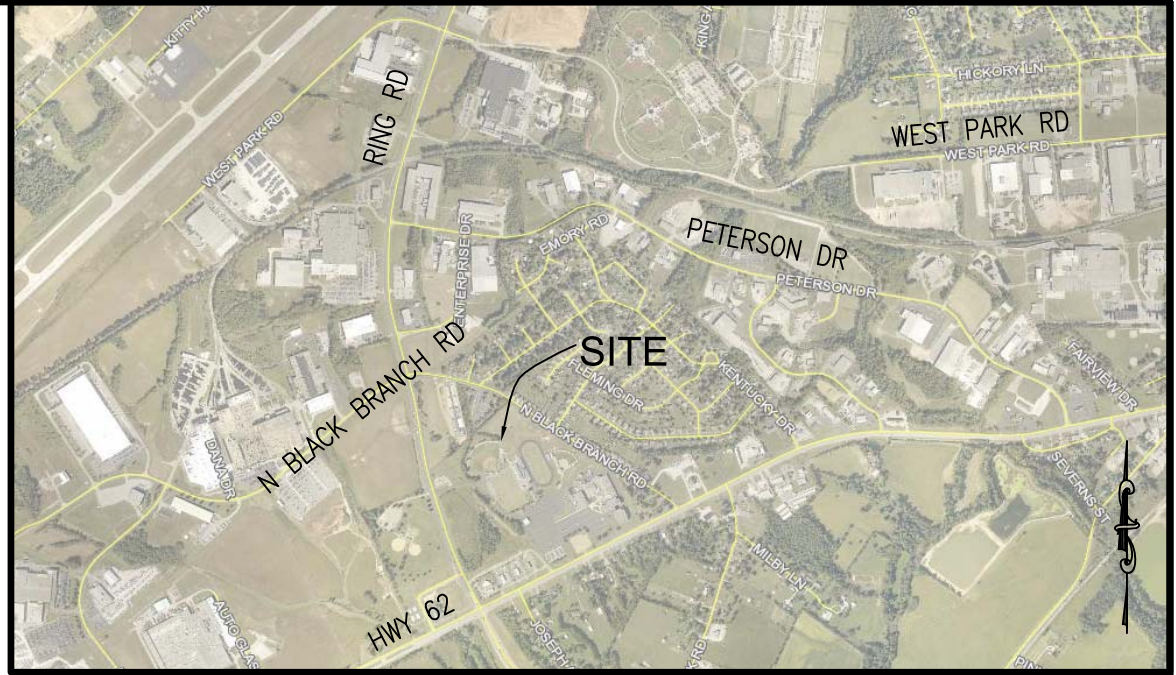
SHEET 6 OF 8



APPROX. 580 LF OF PROPOSED V-SHAPED DITCH, INCLUDE TWO 2-FOOT WIDE ROLLS OF SOD ON EACH SIDE OF DITCH, (APPROX. 4,640 SF)

INSTALL 22 GREEN GIANT ABROVITAE TREES PLANTED 20' ON CENTER AND PARALLEL TO AND 20' AND 40' BEHIND OUTFIELD FENCE.

INSTALL 22 GREEN GIANT ABROVITAE TREES PLANTED 20' ON CENTER AND PARALLEL TO AND 20' AND 40' BEHIND OUTFIELD FENCE.



VICINITY MAP

LANDSCAPE CONTRACTOR CONSTRUCTION NOTES

- 1 - EXISTING GRASS WITHIN THE BASEBALL FIELD, (FENCED AREA), SHALL BE SPRAYED AND KILLED BY THE LANDSCAPE CONTRACTOR PRIOR TO START OF CONSTRUCTION BY THE SITE CONTRACTOR. SITE CONTRACTOR SHALL PERFORM ALL SITE CONSTRUCTION AS DESCRIBED IN "SITE CONTRACTOR CONSTRUCTION NOTES" AS SHOWN ON SHEET 3 OF 8. UPON COMPLETION OF ALL CONSTRUCTION TO BE PERFORMED BY THE SITE CONTRACTOR, THE LANDSCAPE CONTRACTOR SHALL PERFORM A SOIL SAMPLE OF THE BASEBALL FIELD AREA TO DETERMINE THE SPECIFIC SOIL AMENITIES, (I.E. LIME, FERTILIZER), REQUIRED FOR THE PROPER ESTABLISHMENT OF VEGETATION. FINAL SOIL AMENITIES REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER AT THIS TIME.
- 2 - IRRIGATION CONTRACTOR SHALL INSTALL IRRIGATION SYSTEM AS DESCRIBED AND SHOWN ON SHEET 8 OF 8.
- 3 - FENCE CONTRACTOR SHALL PERFORM ALL FENCE CONSTRUCTION AS DESCRIBED AND SHOWN ON SHEET 2 OF 8.
- 4 - PERFORM FINISH GRADING AS REQUIRED IN ALL DISTURBED AREAS. IT IS ANTICIPATED THAT THE LANDSCAPE CONTRACTOR SHOULD ONLY HAVE TO FINISH GRADE AS REQUIRED AS A RESULT OF THE IRRIGATION AND FENCE CONTRACTORS. DUE TO THE NATURE OF THE PROJECT, IT IS ESSENTIAL THAT THE LANDSCAPE CONTRACTOR FINISH GRADE THE DISTURBED AREAS AS SHOWN HEREIN.
- 5 - INSTALL 44 GREEN GIANT ABROVITAE TREES AS SHOWN HEREON. TREES SHALL BE INSTALLED AND STAKED AS SPECIFIED BY THE MANUFACTURER.
- 6 - INSTALL SEED AND STRAW, BRICK CHIPS, CONDITIONED SOIL, AND SOD AS DESCRIBED IN THE BELOW LEGEND. SEE "SITE CONTRACTOR CONSTRUCTION NOTES" ON SHEET 3 OF 8 FOR LOCATION OF STOCKPILES OF BRICK CHIPS AND CONDITIONED SOIL. SHOULD ADDITIONAL BRICK CHIPS OR CONDITIONED SOIL BE REQUIRED THESE MATERIALS WILL BE PURCHASED DIRECT FROM THE SUPPLIER BY THE OWNER AND IT SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO INSTALL THESE ITEMS. DUE TO THE NATURE OF THE PROJECT, IT IS ESSENTIAL THAT A SMOOTH TRANSITION BETWEEN ALL FINISH MATERIALS BE PROVIDED THROUGHOUT THE BASEBALL FIELD AREA.

LEGEND

AREAS OUTSIDE OF BASEBALL FIELD

DISTURBED AREA TO BE SEED & STRAWED
STRAW SHALL BE MECHANICALLY CRIMPED IN PLACE
(APPROX. 43,500 SF)

BASEBALL FIELD

HGT BLUEGRASS SOD OR APPROVED EQUAL
(APPROX. 92,400 SF)

BASEBALL FIELD - WARNING TRACK AREA

(INCLUDES AREA IN FRONT OF DUGOUTS, DOWN THE RIGHT AND LEFT FIELD FOUL LINES AND ALONG THE OUTFIELD FENCE)
4-INCH SIFTED TOPSOIL (BY SITE CONTRACTOR)
4-INCH BRICK CHIPS (BRICK CHIPS TO BE INSTALLED BY LANDSCAPE CONTRACTOR) - LANDSCAPE CONTRACTOR SHALL SUBMIT MATERIAL SAMPLES TO ENGINEER FOR APPROVAL PRIOR TO ORDERING MATERIALS)
(APPROX. 14,700 SF)

BASEBALL FIELD - SKINNED AREA

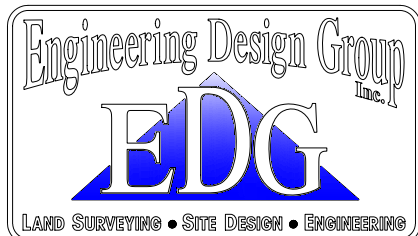
4-INCH CONDITIONED SOIL IN SKINNED AREAS OF INFELD. (4-INCH CONDITIONED SOIL IN SKINNED AREAS OF INFELD TO BE INSTALLED BY LANDSCAPE CONTRACTOR)
NOTE: UPON COMPLETION OF TOP LAYER OF FILTER FABRIC AND PRIOR TO THE INSTALLATION OF SIFTED TOPSOIL THE IRRIGATION CONTRACTOR SHALL INSTALL THE PROPOSED IRRIGATION SYSTEM IN THE INFELD AREA.
(APPROX. 10,530 SF)

SKINNED AREA (CONDITIONED SOIL)

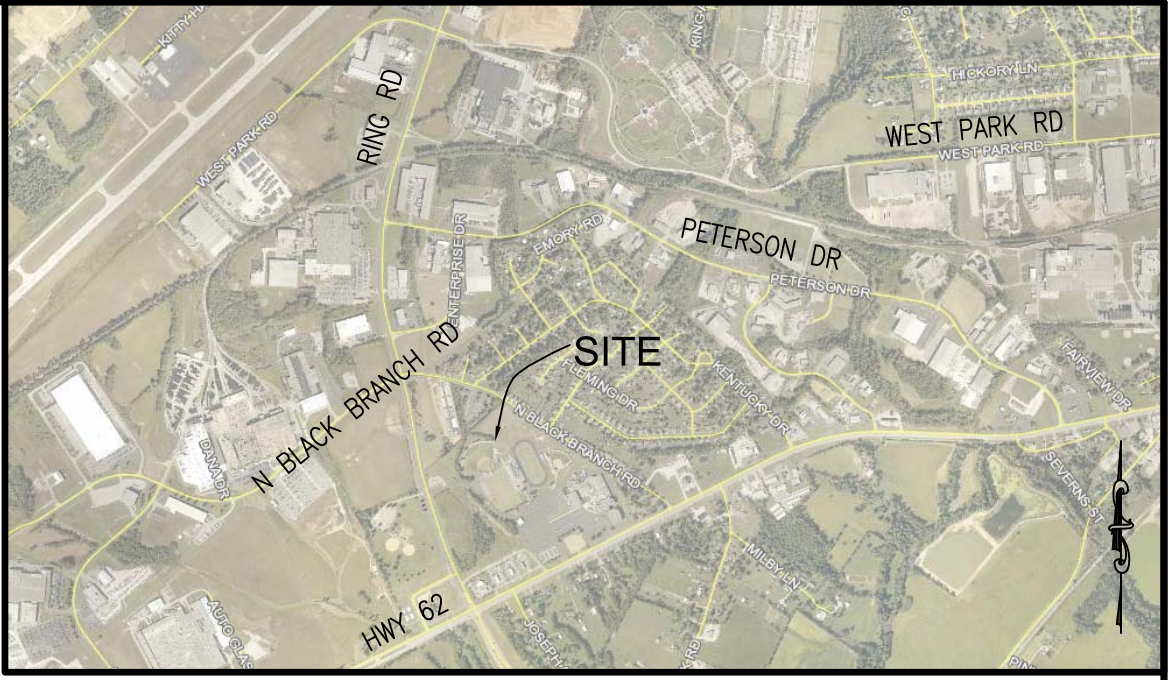
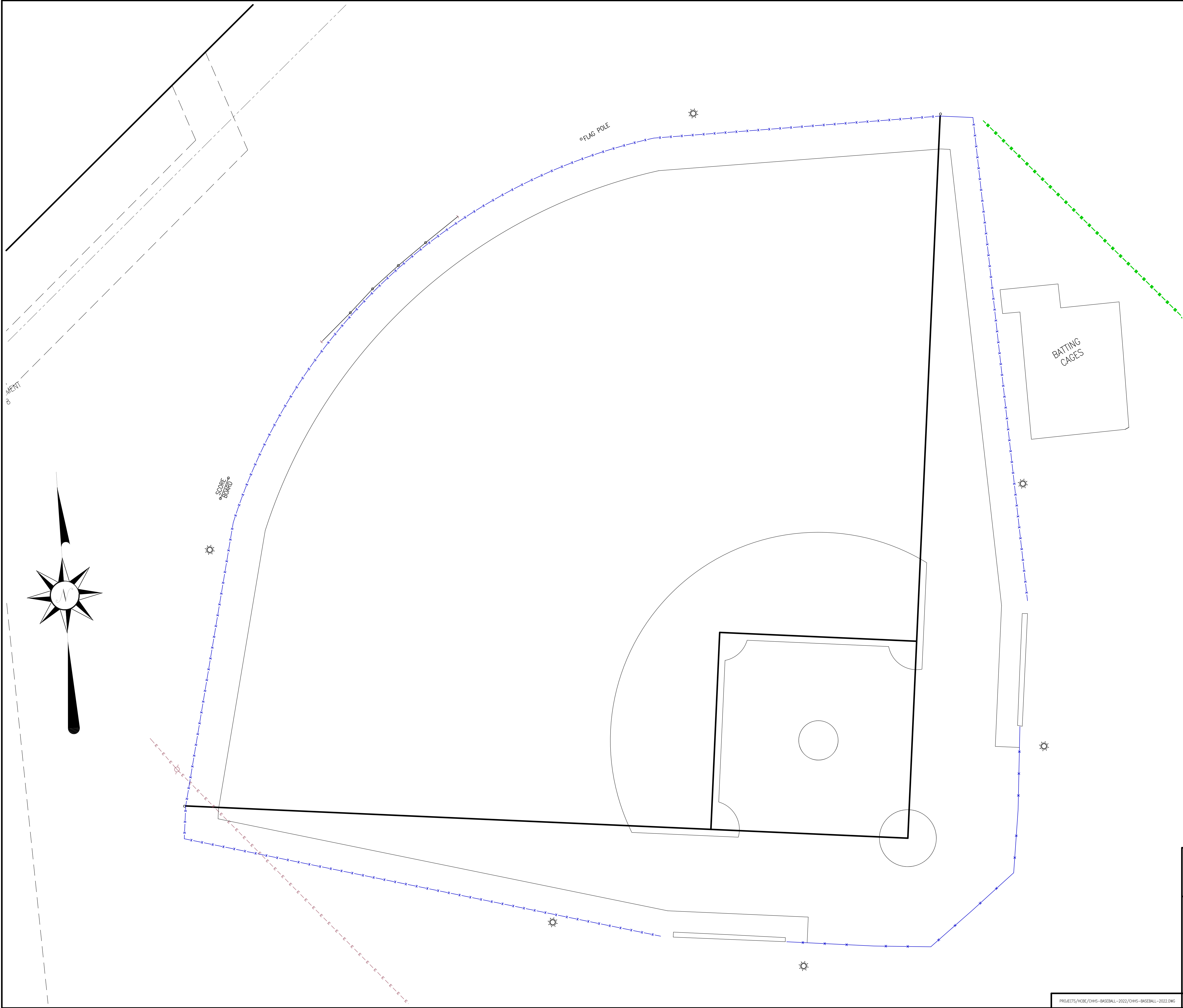
CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD

PROPOSED LANDSDCAPE PLAN

ENGINEER/SURVEYOR:
ENGINEERING DESIGN GROUP, INC
315 SOUTH MULBERRY ST
P.O. BOX 2484
ELIZABETHTOWN, KY. 42702-2484
(270) 769-1436 (270) 765-9908 FAX

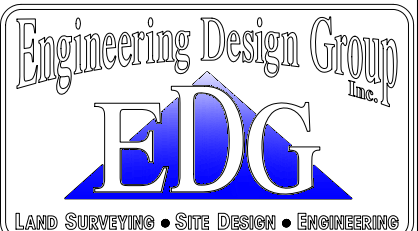


SHEET 7 OF 8



VICINITY MAP

LEGEND

CENTRAL HARDIN HIGH SCHOOL BASEBALL FIELD	
PROPOSED IRRIGATION PLAN	
ENGINEER/SURVEYOR: ENGINEERING DESIGN GROUP, INC 315 SOUTH MULBERRY ST P.O. BOX 2484 ELIZABETHTOWN, KY. 42702-2484 (270) 769-1436	 LAND SURVEYING • SITE DESIGN • ENGINEERING
DATE: JUNE 2, 2022	SCALE: 1" = 20'
SHEET 8 OF 8	

