WEST AVENUE

WEST LINE OF THE NORTHEAST 1/4 OF SECTION 10-6-19

NORTH LINE OF THE NORTHEAST 1/4 OF SECTION 10-6-19

PROPOSED ASPHALT - 1235SY (3"ASPHALT - 2 LIFTS ON 6"STONE BASE)

TRASH ENCLOSURE WITH 6" REINFORCED CONCRETE SLAB. PROVIDE CHAIN LINK ENCLOSURE WITH SLATS.

EXTEND EXISTING 4" SANITARY AND 1-1/2" COPPER WATER MAIN LATERAL TO NEW BUILDING (SEE SANITARY LATERAL NOTE)

RELOCATE POWER POLE EAST OF PATH

WISCONSIN CENTRAL Ltd. R.R.

TEAM CENTER

PAVILION

RAZE EXISTING BUILDING

EXISTING BUILDING TO REMAIN

CONCRETE (TO REMAIN)

ASPHALT (EXISTING BLEACHERS)

SAWCUT & REMOVE CONCRETE AND ASPHALT TO MATCH NEW TURF PERIMETER CURB

REMOVE & REPLACE 4' HIGH CHAIN LINK FENCE ON WEST SIDE OF FIELD. PROVIDE SEVERAL GATES PER OWNER

REMOVE & REPLACE 6' HIGH GALVANIZED CHAIN LINK FENCE ON WEST, NORTH AND EAST SIDES OF PROPERTY.

STORAGE BUILDING

LIGHTING REQUIRED FOR PATH (SEE LIGHTING PLAN)

PROPOSED 8' WIDE ASPHALT PATH (3"ASPHALT - 2 LIFTS ON 6"STONE BASE)

SEE STORM SEWER SYSTEM PLAN FOR TURF STORM DESIGN DETAILS (SHEET C3)

REMOVE & REPLACE 6' HIGH GALVANIZED CHAIN LINK FENCE ON WEST, NORTH AND EAST SIDES OF PROPERTY.

TEMPORARY TOPSOIL PILE (+/- 800CY)

PROPOSED 12' WIDE PEDESTRIAN EASEMENT (GRANTED BY CITY)

PROPOSED 8' WIDE PATH

NEWHALL AVENUE

HARVEY AVENUE

WEST COLLEGE AVENUE

JACKSON COURT

NOTE FOR STORM LATERAL:
REMOVE WALK AT NEAREST JOINT & REPLACE IN KIND. ALL TRENCH BACKFILL MUST BE COMPACTED GRANULAR BACKFILL PER CITY SPECIFICATIONS.

115'-8"STORM @ S=1.0%

260'-6"STORM @ S=0.3%

REPLACE WITH SOLID COVER TO RIM EL 34.70

REPLACE FENCING ON SOUTH LOTLINE WITH 6' HIGH BLACK VINYL CHAIN LINK FENCE. PROVIDE MANUAL SLIDE GATE AT ENTRANCE.

MARKED WATER LINE

REMOVE EXISTING FENCING AND SCOREBOARD

NOTE FOR RE-PAVING PARKING LOT:
NEW PARKING LOT SHOWN HEREON SHALL BE COMPLETELY PULVERIZED IN PLACE, FINE GRADED AND COMPACTED PRIOR TO PLACEMENT OF NEW CONCRETE CURB AND ASPHALT PAVEMENT (1-1/2" SURFACE & 2-1/2" BINDER). REMOVE REMAINING EXISTING FULL DEPTH ASPHALT PARKING AREAS AND RESTORE AS LANDSCAPED AREAS.

REPLACE FENCING ON SOUTH LOTLINE WITH 6' HIGH BLACK VINYL CHAIN LINK FENCE.

REMOVE EXISTING ASPHALT AND RESTORE AS LANDSCAPE AREAS.

REMOVE EXISTING PLAY AREAS

REPLACE (2) ASPHALT PADS FOR BLEACHERS (IN KIND)

6' HIGH CHAIN LINK FENCE

REMOVE & REPLACE 6' HIGH GALVANIZED CHAIN LINK FENCE ON WEST, NORTH AND EAST SIDES OF PROPERTY.

FIELD NETTING SYSTEM (N/S - BY OTHERS)

SCOREBOARD (BY OTHERS)

13.5' LANDSCAPE BERM

EXISTING ASPHALT SURFACE

SCORE BOARD

PLAY AREA

SEAT

48" SAVE TREE

ASPHALT PAD (BLEACHERS)

EXISTING MARKED FOOTBALL FIELD

MEN'S/WOMEN'S SOCCER TOUCH LINE: 360' X 210' (CONCRETE CURB @ 380' X 230')

WOMEN'S LACROSSE 360' X 195'

MEN'S LACROSSE 330' X 180'

MEN'S FOOTBALL 360' X 160'

EXISTING 48"RCP STORM SEWER (CITY OWNED)

EXISTING 36"RCP STORM SEWER (CITY OWNED)

18" MOUNTABLE CURB AND GUTTER 1
NO SCALE

INTEGRAL WALK/CURB DETAIL 2
NO SCALE

HANDICAP 3
NO SCALE

THE BOUNDARY & TOPOGRAPHIC SURVEY SHOWN HEREON WAS CONDUCTED BY JAHNKE & JAHNKE ASSOCIATES, OCTOBER, 2013. UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY THE OWNER, UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

NOTE FOR EXISTING SANITARY SEWER LATERAL:
The existing building has a sanitary sewer lateral connecting to the City's sewer main. A sewer lateral video shall be conducted and provided to City for review and approval. Contact the City Engineering Department for the video format. If lateral maintenance is needed, lateral improvements may need to be included as part of this project. The lateral pipe and connection to the main may need to be lined or relayed to reduce infiltration into the City's sanitary sewer system or improve the structural integrity.

NOTES:
SILT FENCE AND TRACKING PAD SHALL CONFORM TO TECHNICAL STANDARDS 1056 & 1057 RESPECTIVELY.

IF DEWATERING IS NECESSARY DURING EXCAVATION PRACTICES IDENTIFIED IN THE TECH. STD. 1061 SHALL BE UTILIZED TO MEET THE DE-WATERING PERFORMANCE STANDARD TO PREVENT THE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE (MEP) AS DEFINED IN NR 151.11(6)(C).

THIS GRADING PLAN MUST BE REVIEWED AND APPROVED BY THE CITY ENGINEERING DEPARTMENT.

THERE IS NO SIGNIFICANT NET CHANGE IN IMPERVIOUS SURFACE FOR THE PROPOSED SITE IMPROVEMENTS.

GENERAL CONSTRUCTION SPECIFICATIONS:

1. All work shall be in accordance with the Standard Specifications for Highway and Structure Construction, State of Wisconsin, Latest Edition, the Standard Specifications as set forth by the TURF INSTALLER, the State of Wisconsin Plumbing Code and the City of Waukesha Ordinances. All permits must be obtain by the contractor prior to commencing work.
2. All erosion control measures specified on this plan shall meet the design criteria, standards and specifications as set forth in the Department of Natural Resources Wisconsin Technical Standards. See Erosion Control Plan – Sheet C2.
3. All erosion control devices (i.e., silt fence, gravel entrance, etc.) shall be installed prior to commencing mass grading or utility construction.
4. All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.
5. The owner shall provide all surveying and construction staking for this contract. All contractors shall exercise care and diligence in protecting the same.
6. The contractor shall notify Diggers Hotline, the local municipality and all government agencies that may be affected by the contractor's operations at least three (3) days before breaking ground. Diggers Hotline number is 811.
7. Public roads shall not be closed to traffic at any time. All ingress and egress traffic to the project shall be limited to the gravel entrance to the property.
8. Contractor shall be responsible for maintaining the public roadways. Roadways shall be kept free of silt or dirt tracked from areas under construction by street sweeping at the end of each work day or more often, as required.
9. All erosion control devices shall be routinely inspected every seven days or within 24 hours of a rainfall greater than 0.5 inches; and repaired or replaced, as required. (BY GENERAL CONTRACTOR).

PRIVATE WATER MAIN, SANITARY & STORM SEWER GENERAL SPECIFICATIONS:

1. The private water main, sanitary & storm sewer design, permitting, construction, installation, supervision, maintenance, inspection AND testing shall be in accordance with State of Wisconsin, Chapter SPS 382. All permits must be obtain by the contractor prior to commencing work.
2. Private sanitary laterals shall be PVC (solid wall), ASTM D-3034, DR-35 or 28; or PVC (solid wall), AWWA C-900 per the State of Wisconsin Plumbing Code, Chapter SPS 382.
3. Water main shall be **COPPER TUBING-TYPE K, ASTM B88; (C=150)** per the State of Wisconsin Plumbing Code, Chapter SPS 382 AND the Standard Specifications for Sewer & Water Construction in Wisconsin.
4. Private storm sewers shall be PVC (solid wall), DR-26; per the State of Wisconsin Plumbing Code, Chapter SPS 382.

SCALE: 1"=80' (11 x17)

REVISIONS	
DATE	BY

EEC
ELLENA ENGINEERING CONSULTANTS, LLC
SITE CIVIL ENGINEERING & STORMWATER MANAGEMENT
Ellena Engineering Consultants, LLC • 700 Pilgrim Parkway - Suite 100 • Elm Grove, WI 53122
Phone: 262-719-6183 • Fax: 866-457-2584 • Email: mellena@eeceng.com

Carroll University Athletic Building Project

City of Waukesha, Wisconsin

WISCONSIN MARK R. ELLENA E-24090 WALES, WI PROFESSIONAL ENGINEER

Site, Grading, Paving & Drainage Plan

SCALE: 1"=40'		DATE: 04/22/15
DESIGNED BY: MRE,PE		PROJECT NO:
APPROVED BY: _____ DATE		C100