WAYNE STATE UNIVERSITY
BASEBALL BATTING CAGES
WSU PROJECT NUMBER: 097-344215
DETROIT, MICHIGAN

MAY 10, 2022
ADDENDUM #2

SCOPE OF WORK
SITE CLEARING, CONCRETE FLATWORK 4" THICKNESS PER MDOT STANDARD, SYNTHETIC TURF, BATTING CAGE NET POST FOUNDATIONS, PLACEMENT OF NET POSTS, LABOR TO INSTALL CABLE WIRE AND NET POST SYSTEM, EARTHWORK AND RESTORATION.

WAYNE STATE UNIVERSITY HAS PURCHASED THE BATTING CAGE NET AND CABLE WIRE. THESE ITEMS ARE CURRENTLY STORED ON CAMPUS. WAYNE STATE ATHLETICS CAN TRANSPORT THESE MATERIALS TO THE PROJECT SITE ONCE THE CONTRACTOR IS READY FOR INSTALLATION.

THE NET POSTS ARE DONATED AND WILL BE DELIVERED TO WAYNE STATE UNIVERSITY. THEY ARE CURRENTLY OFF-SITE. CONTRACTOR TO COORDINATE WITH WAYNE STATE UNIVERSITY FOR DELIVERY OF THE NET POSTS.

ADD ALTERNATE 1
WALL AND FOUNDATION SPREAD FOOTING REBAR, CONCRETE AND CONCRETE ADDALTERNATE 1 IS THE WALL ALSO PART OF ADD ALTERNATE 3 THE WALL IS REQUIRED AT THE REGISTERED WEST STANDARD AND THE THICKNESS FOOT OF CONCRETE WALL. THICKNESS WITH X-RAY.

ADD ALTERNATE 2
CONCRETE FLATWORK 4" THICKNESS PER MDOT STANDARD AND THE THICKNESS FOOT TO AREA WEST OF BATTING CAGE PAVEMENT AND AREA OF ADD ALTERNATE 1.

ADD ALTERNATE 3
UPGRADE THE BATTING CAGE CONCRETE FROM 4" THICKNESS BASED TO 6" THICKNESS WITH X-RAY.

ADD ALTERNATE 4
SHOCK PAD TO BE ADDED UNDER THE SYNTHETIC TURF AT THE BATTING CAGE.

ADD ALTERNATE 5
IN LIEU OF A CMU BLOCK WALL ASSOCIATED WITH ADD ALTERNATE 1 PROVIDE PRICING FOR CONCRETE WALL SEE SECTION FOR 12" THICK CAST IN PLACE CONCRETE WALL.

ADD ALTERNATE 6
IN LIEU OF A CMU BLOCK WALL ASSOCIATED WITH ADD ALTERNATE 1 PROVIDE PRICING FOR CONCRETE WALL SEE SECTION FOR 8" THICK CAST IN PLACE CONCRETE WALL.

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1. FENCE POSTS SHALL BE WOOD POSTS WITH A MINIMUM CROSS-SECTIONAL AREA OF 3.0 SQ. IN.

2. THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

3. TEMPORARY SILT FENCE SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED

4. REMOVE INLET PROTECTION AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

5. NOT ENOUGH DRAINAGE FROM INLET PROTECTION IMMEDIATELY IF THE STORM WATER BEGINS TO OVERTOP THE CURB.

6. MONITOR THE PERFORMANCE OF THE INLET PROTECTION DURING EACH RAINFALL EVENT AND REMOVE

7. PLACE SOIL, MATERIAL AND PLANT MATERIALS INSIDE THE APPROXIMATE LIMITS OF GRADING AND THE EXTENDED LIMITS OF GRADING AND THE EXTENDED LIMITS OF GRADING WITHOUT PERMISSIBILITY.

8. PLACE SOIL, MATERIAL AND PLANT MATERIALS INSIDE THE APPROXIMATE LIMITS OF GRADING AND THE EXTENDED LIMITS OF GRADING WITHOUT PERMISSIBILITY.

9. PLACE SOIL, MATERIAL AND PLANT MATERIALS INSIDE THE APPROXIMATE LIMITS OF GRADING AND THE EXTENDED LIMITS OF GRADING WITHOUT PERMISSIBILITY.
7'-6'' MIN. DEPTH
4'-0'' POLE EMBEDMENT
3'-6'' MIN.
1'-0''
(3 TIES)
1'-0''
(3 TIES)
3''
CLR
OPTIONAL COLD JOINT
#4 TIES @ 12'' oc, U.N.O.
(12)
CONTINUOUS VERTICAL #6 BARS
TYPICAL DRILLED CONCRETE PIER
HSS 8.625x0.322 (8'' Sch 40)
PROVIDE 1'' WASH, TYPICAL
FINISH GRADE
3'-0'' MIN.
DIAMETER
3''
CLR
HSS 8.625x0.322 (8'' Sch 40)
#4 TIES @ 12'' oc, NOTE: PROVIDE (3)- #4 TIES WITHIN TOP 12'' OF CONCRETE PIER & BOTTOM 12'' OF EMBEDDED SLEEVE, EQUALLY SPACED
(12) #6 BARS EQUALLY SPACED, AS SHOWN

SYSTEM NOTES:
1. SYSTEM FOR USE WITH #36 3 4 x 1 3 4 NETTING
2. CABLE SAG BETWEEN POLES = 1'0'' (MIN)

NOTE: BATTING TUNNELS SHOULD NOT BE USED WHEN WINDS ARE FORECAST TO EXCEED 50MPH

NOTES:
1. DESIGN PER ASCE 7-10 w/105mph WIND
2. CONCRETE SHALL ET THE FOLLOWING:
   2.1. 28 DAY STRENGTH = 4500psi (MIN.)
   2.2. W/C RATIO = 0.45
   2.3. AIR ENTRAINMENT = 6.0%
3. REINFORCING BAR SHALL MEET ASTM A615, GRADE 60.
4. UNIT WEIGHT OF SOIL = 115pcf
5. SOIL INTERNAL ANGLE OF FRICTION USED FOR DESIGN = 28 DEGREES
6. MAX. POLE HEIGHT = 14'
7. WATER TABLE ASSUMED TO BE 4'-6'' BELOW GRADE FOR FOOTING DESIGN.
WAYNE STATE UNIVERSITY
BASEBALL BATTING CAGES

Wayne Baseball Field - WSU
5401 John C. Lodge Service Drive
Detroit, MI

Owner:
WSU FP&M, Design & Construction Services

NET PER WSU

HSS 8.626" x 0.322" STEEL POLE

FINISHED GRADE

WAYNE STATE UNIVERSITY HAS PURCHASED THE NET, NET CABLE SYSTEM AND THE NET POSTS TO BE DELIVERED TO THE SITE. THESE ITEMS SHALL NOT BE INCLUDED IN THE BID. NET POST FOUNDATIONS WILL BE INCLUDED IN THE BID.
N.I.C.

8" X 12" X 16" CMU BLOCK

CAST-IN-PLACE CONCRETE FOUNDATION LIMITS

WALL RETURN, PROVIDE (1) ONE VERTICAL REBAR #4, 36" ABOVE TOP OF FOUNDATION, TYP.

CAST-IN-PLACE CONCRETE FOUNDATION

#4 REBAR, VERT. AND HORIZ. TYP.

VERTICAL REBAR #4: SPACED EVERY 16", ONE PER EVERY CMU UNIT

VERTICAL REBAR #4: EXPOSED TO ACCOMMODATE CMU UNITS. FILL BLOCKS WITH MORTAR UP TO THE TOP OF REBAR (REBAR FULL HEIGHT OF WALL)

8" X 12" X 16" CMU BLOCK, TYP.

9 GA TIES, 16" O.C.

3" CAP, 24" LENGTH, 12" WIDE

2" CLR. TYP.

DIFFERENCE IN ELEVATION

NOTE: CAST IN PLACE WALL DOES NOT REQUIRE RETURN IN THE WALL. 30.56' LENGTH ONLY.

NOTE:

1) NORTH SIDE OF WALL TO BE PAINTED GREEN - HITTERS BACKDROP (WSU PANTONE COLOR). COORDINATE WITH WSU ON SPECIFIC PANTONE COLOR.

2) CONTRACTOR TO PROVIDE CMU FOR REMAINING WALL THAT IS NOT PAINTED. SUBMIT SAMPLE OF CMU SEALANT.

3) SLOPE TOP OF WALL AT 1% TO DRAIN TOWARDS THE SOUTH

NOTE, CAST IN PLACE WALL DOES NOT REQUIRE RETURN IN THE WALL. 30.56' LENGTH ONLY.

CAST-IN-PLACE CONCRETE, SEE SPECS FOR REQUIREMENTS

VERTICAL DOWELS #4, SPACED EVERY 12"

VERTICAL REBAR #4, SPACED EVERY 12"

HORIZONTAL REBAR #4, SPACED EVERY 12"

SLOPE TOP OF WALL AT 1% TO DRAIN TOWARDS THE SOUTH

NOTE, CAST IN PLACE WALL DOES NOT REQUIRE RETURN IN THE WALL. 30.56' LENGTH ONLY.

ADJACENT SIDEWALK, PITCH AT 1.5%

EXPANSION JOINT

#4 @ 12"

(5) #4 CONTINUOUS

3" CLEAR, TYP.

BACKSTOP WALL DETAILS (ADD ALTERNATE 1 & 5)

BACKSTOP WALL DETAILS (ADD ALTERNATE 6)

BACKSTOP WALL DETAILS (ADD ALTERNATE 1 & 5)

BACKSTOP WALL DETAILS (ADD ALTERNATE 6)