

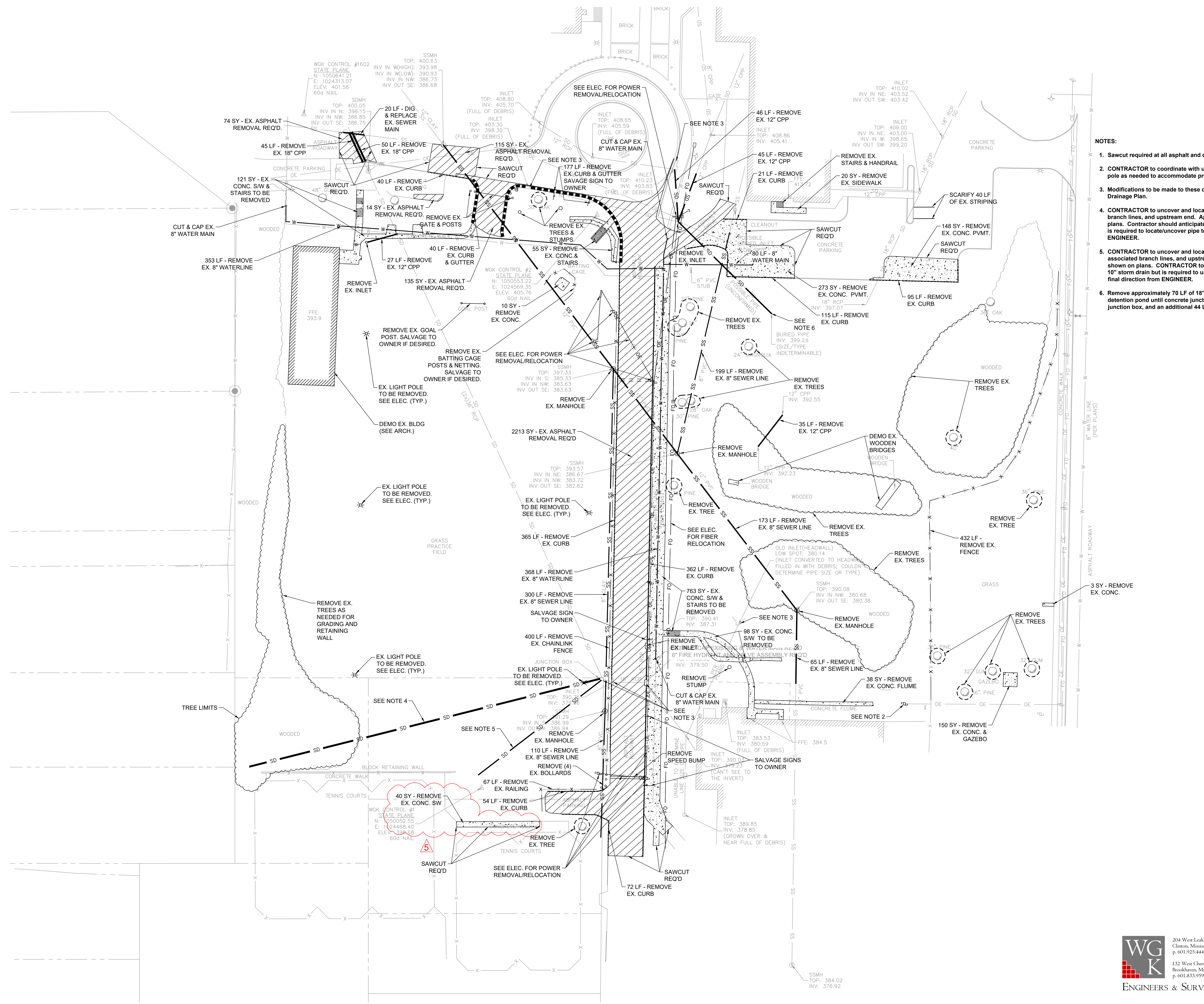
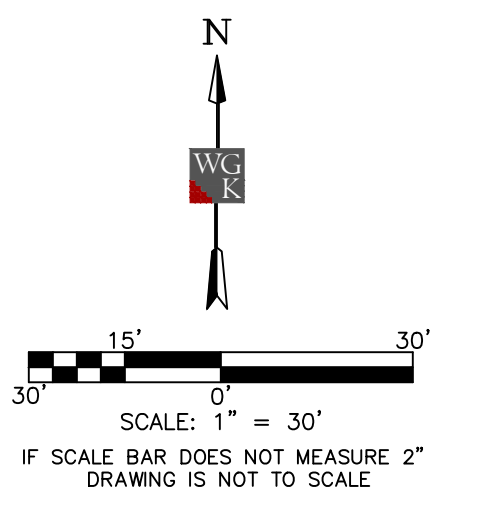


**Meridian High School Baseball/Softball**  
2320 32nd St., Meridian, MS 39305

100%  
Construction  
Drawings

Project No 22034-03  
Date March 6, 2023  
Revisions Rev Date  
Rev. 4 April 19, 2023  
REV. 5 APRIL 28, 2023

**C-200**  
Demo Plan



- NOTES:**
1. Sawcut required at all asphalt and concrete removal.
  2. CONTRACTOR to coordinate with utility to support/relocate existing pole as needed to accommodate proposed grading.
  3. Modifications to be made to these drainage structures. See Civil Drainage Plan.
  4. CONTRACTOR to uncover and locate existing 18" RCP, associated branch lines, and upstream end. Approximate location shown on plans. Contractor should anticipate removing 320 LF of 18" RCP but is required to locate/uncover pipe to receive final direction from ENGINEER.
  5. CONTRACTOR to uncover and locate existing 10" VCP/HDPE pipe, associated branch lines, and upstream end. Approximate location shown on plans. CONTRACTOR to anticipate removing 135 LF of 10" storm drain but is required to uncover & locate pipe to receive final direction from ENGINEER.
  6. Remove approximately 70 LF of 18" HDPE pipe from existing detention pond until concrete junction box, remove existing junction box, and an additional 44 LF of 18" RCP.

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NOTES:  
1. IF DROP FROM TOP OF TRAINING WALL TO LOWEST GRADE IS 30" OR HIGHER, A GREAT RAIL IS REQUIRED.

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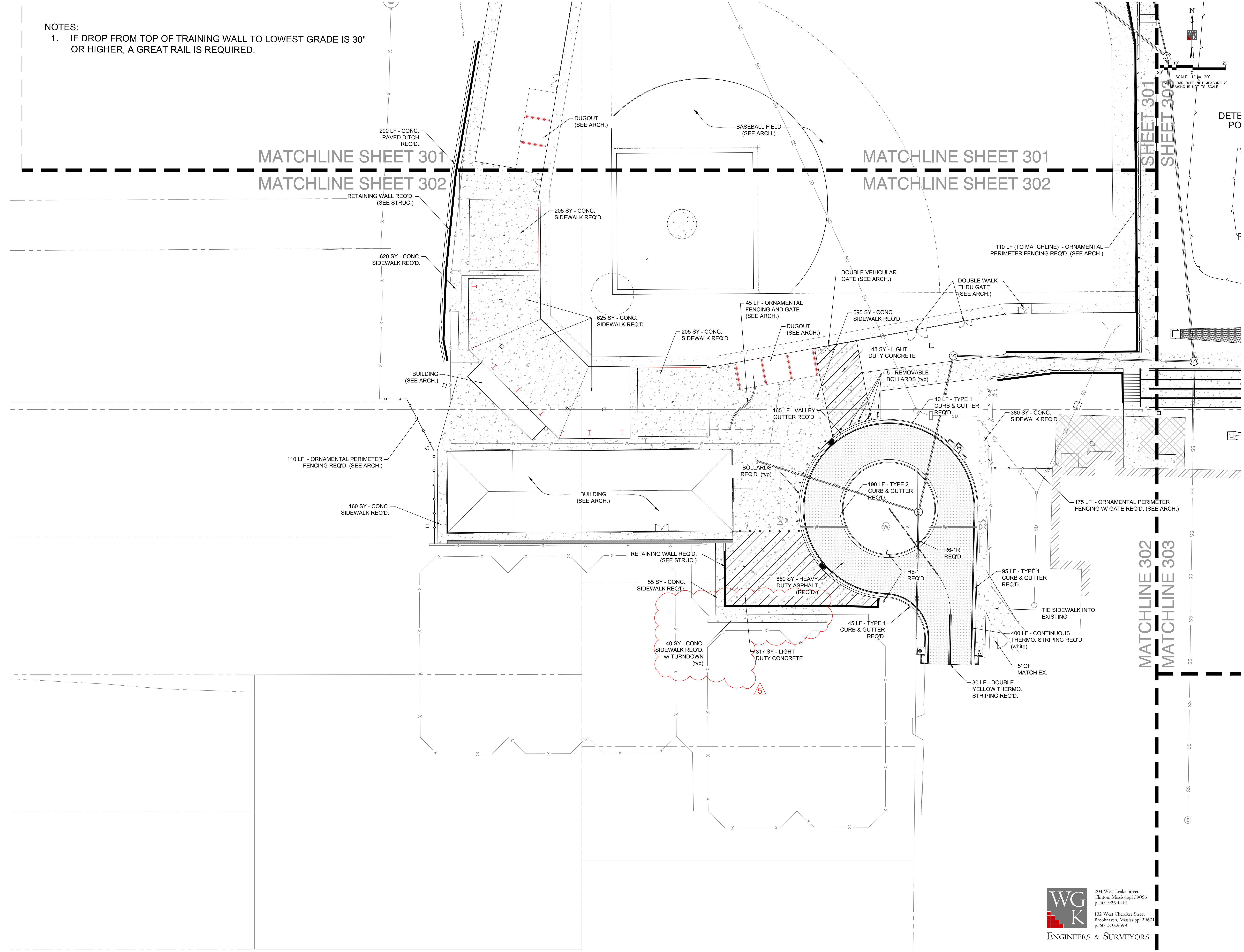


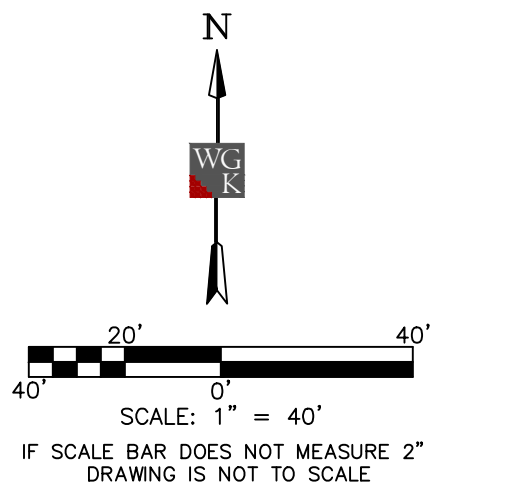
Meridian High School Baseball/Softball  
2320 32nd St., Meridian, MS 39305

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Construction  
Documents

Project No 22034-03  
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C-302  
Site Plan





HORIZONTAL ORIENTATION DERIVED FROM GPS OBSERVATIONS AND NAD83(2011) GRID DATA, MISSISSIPPI STATE PLANE EAST ZONE, AND NAVD88 DATUM, HAVING A COMBINED FACTOR OF 0.99995188 AND A CONVERGENCE ANGLE OF (+)00°04'11.8731", AS SAMPLED AT WGS CONTROL POINT #2, AS SHOWN HEREON.

LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN IS APPROXIMATE ONLY, AND IS BASED ON SURFACE EVIDENCE OF SAME, OR INFORMATION PROVIDED BY MS 811 LOCATE SERVICES AND THE SCHOOL. OTHER UNDERGROUND UTILITIES/STRUCTURES MAY EXIST THAT WERE NOT EVIDENT TO SURVEYOR.

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**Meridian High School Baseball/Softball**  
2920 32nd St., Meridian, MS 39305

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Construction  
Documents

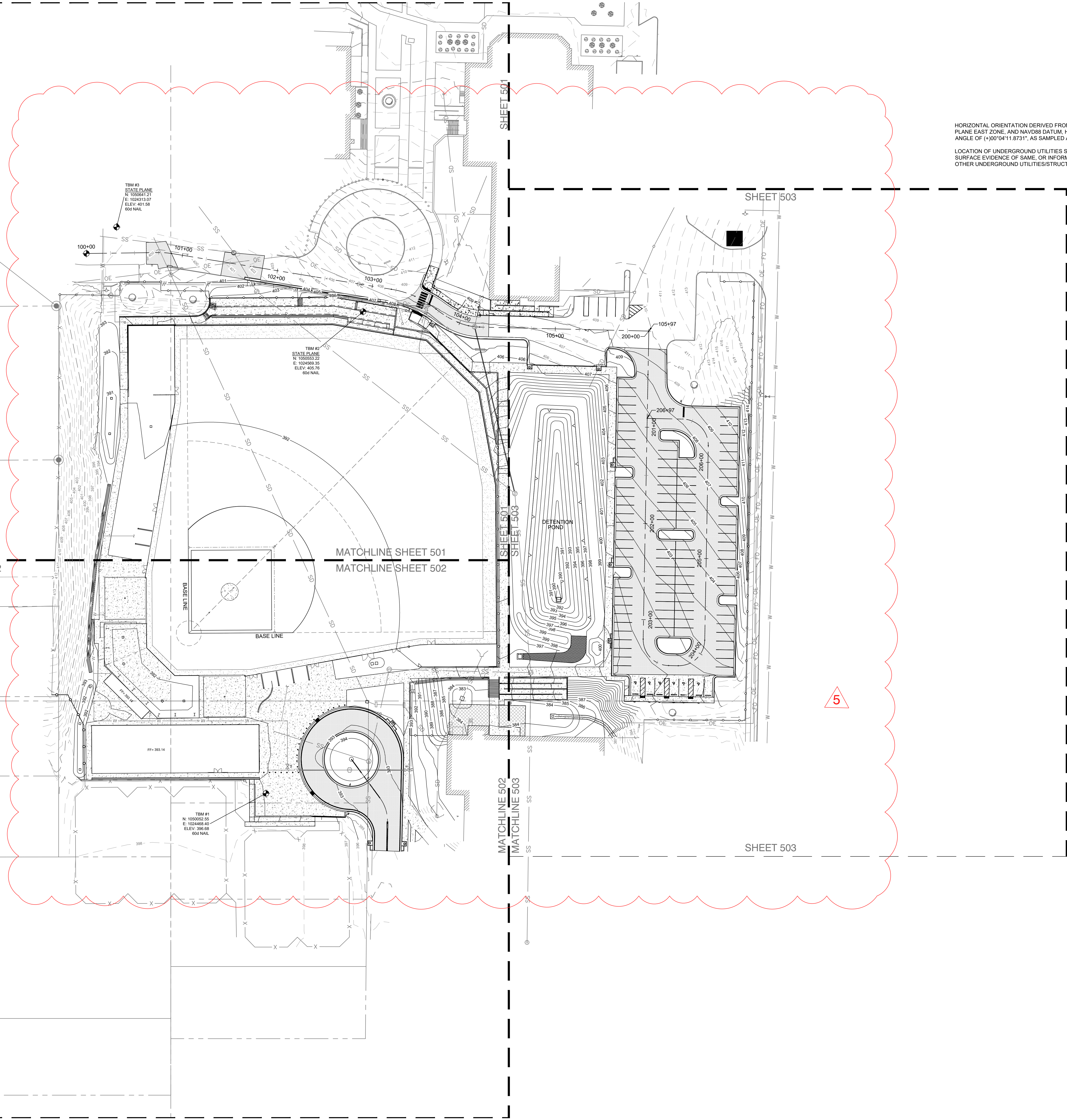
Project No 22034-03  
Date March 6, 2023  
Revisions Rev Date  
Rev. 4 April 19, 2023  
Rev. 5 April 28, 2023

**C-500**  
Overall Grading Plan

**WG K**  
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**Meridian High School Baseball/Softball**

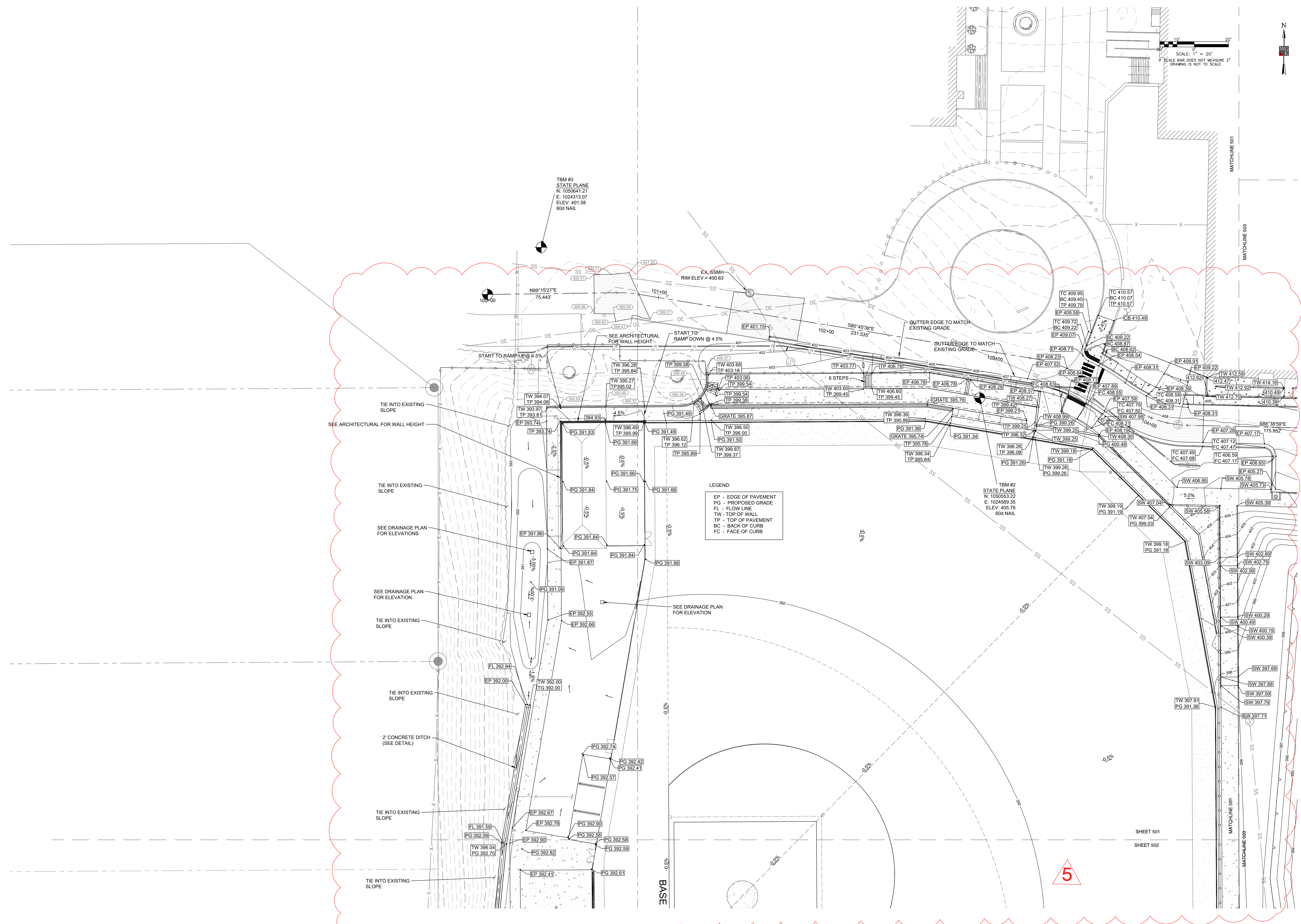
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Construction  
Documents

Project No	22034-03
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Rev. 4	April 19, 2023
Rev. 5	April 28, 2023

**C-501**  
Grading Plan

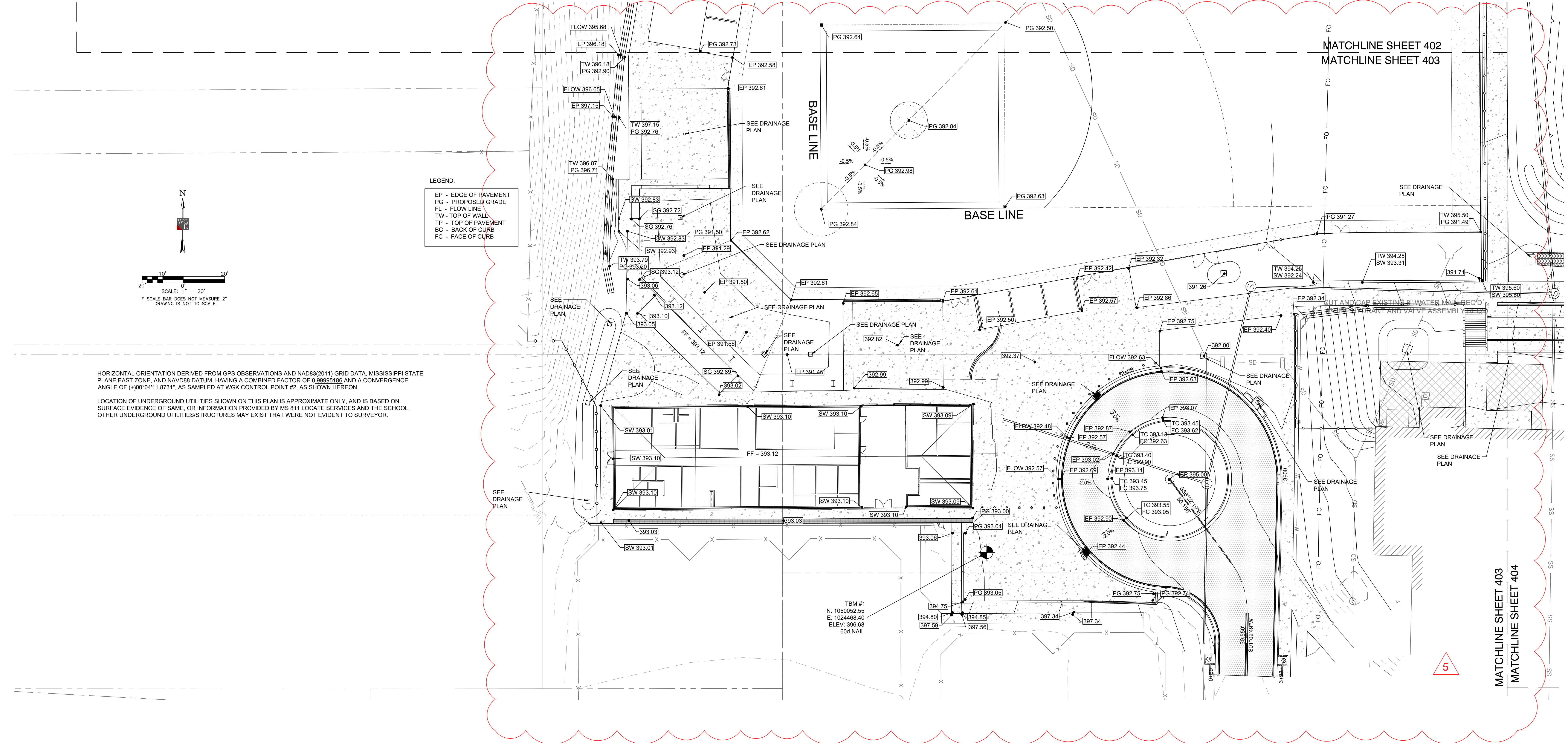
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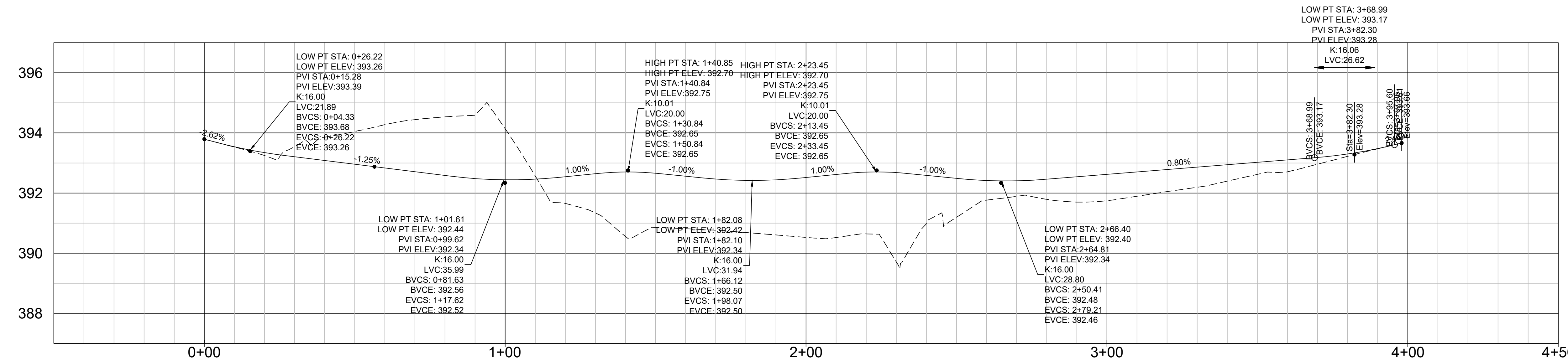
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**5**



**ROUNDABOUT  
EDGE OF PAVEMENT / GUTTER LINE PROFILE**



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**Meridian High School Baseball/Softball**

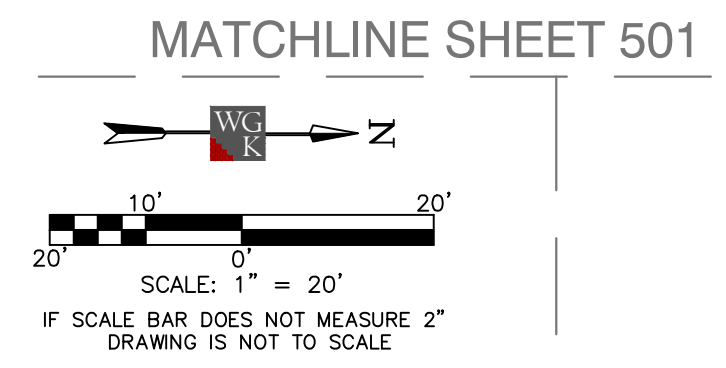
2320 32nd St., Meridian, MS 39305

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Construction  
Documents

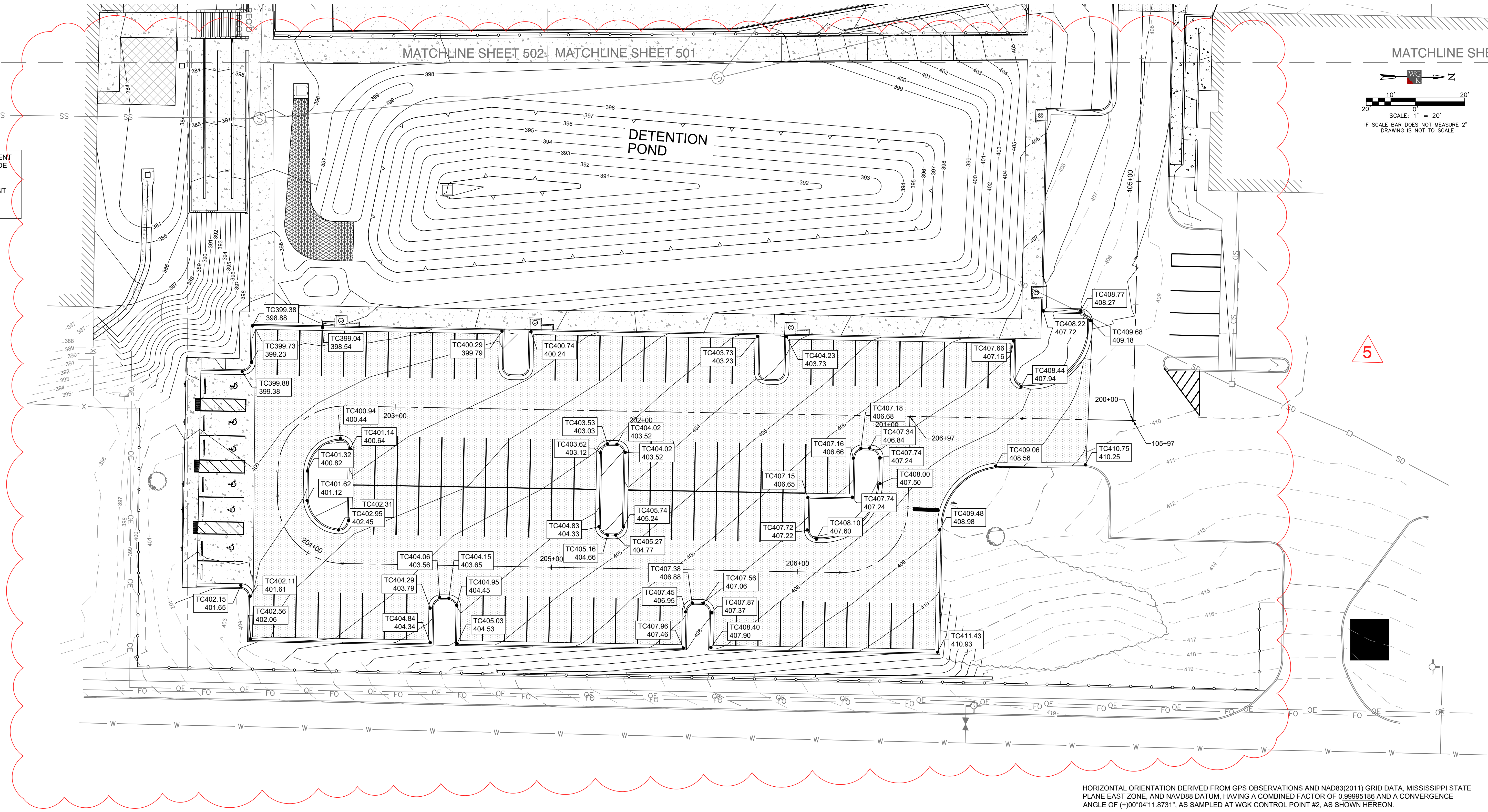
Project No	22034-03
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Rev. 5	April 28, 2023

**C-503**

Grading Plan



- LEGEND:
- EP - EDGE OF PAVEMENT
  - PG - PROPOSED GRADE
  - FL - FLOW LINE
  - TW - TOP OF WALL
  - TP - TOP OF PAVEMENT
  - BC - BACK OF CURB
  - FC - FACE OF CURB



HORIZONTAL ORIENTATION DERIVED FROM GPS OBSERVATIONS AND NAD83(2011) GRID DATA, MISSISSIPPI STATE PLANE EAST ZONE, AND NAVD83 DATUM, HAVING A COMBINED FACTOR OF 0.99995186 AND A CONVERGENCE ANGLE OF (+)0°04'11.8731", AS SAMPLED AT WKG CONTROL POINT #2, AS SHOWN HEREON.

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**ENGINEERS & SURVEYORS**

MATCHLINE SHEET 502

MATCHLINE SHEET 502 MATCHLINE SHEET 501

MATCHLINE SHEET 501

**NOTES:**

1. Drainage improvements shown on Sheets 600-603 are what is required of CONTRACTOR for the project's base bid. CONTRACTOR to include pricing within the base bid to complete 12,000 LBS of Undersealing to the existing 36" RCP, as described within the project specifications. This pricing should include costs to complete the work as a whole in place to include injection of polyurethane foam, surface injection (if required), camera work associate with location of joints needing undersealing, finished camera work, removal of excess foam from inside of pipe, and any other incidentals as related to the completion of this item of work. CONTRACTOR to provide unit pricing for Undersealing, per LB, that will be used to adjust the contract accordingly based on amount of foam needed.
2. CONTRACTOR to provide pricing for a drainage alternate which includes the removal of the double run of 36" RCP and replacing with two new runs of 36" RCP drain pipe and associated tie-ins to existing and proposed drainage structures. Length of total 36" RCP to be installed is approximately 1,100 LF.
3. All RCP joints to be wrapped with geotextile fabric to seal joints.
4. CONTRACTOR to be required to pour in place all inlet tops and modifications to existing drainage structures. No precast concrete inlet tops will be allowed on the job.
5. Lateral field drain lines to be spaced as per typical detail.
6. Toewalls are required on all flared end sections per MDOT standard detail.
7. **SS-2** Top spot elevation are shown at back of curb middle of main box, top to be poured in place at grade of back of curb.

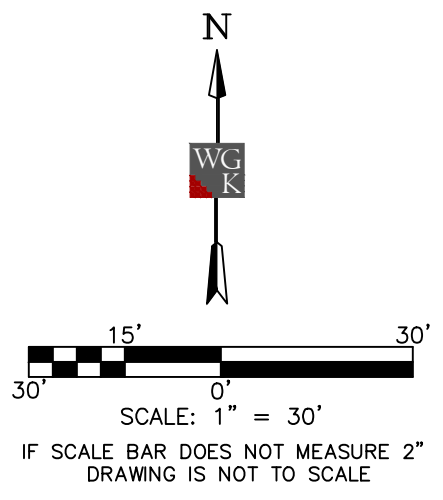
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TBM #3  
STATE PLANE  
N: 1050641.21  
E: 1024313.07  
ELEV: 401.58  
60d NAIL

TBM #2  
STATE PLANE  
N: 1050553.22  
E: 1024569.32  
ELEV: 405.76  
60d NAIL

TBM #1  
N: 1050052.55  
E: 1024468.40  
ELEV: 396.68  
60d NAIL



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Documents

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SHEET 603

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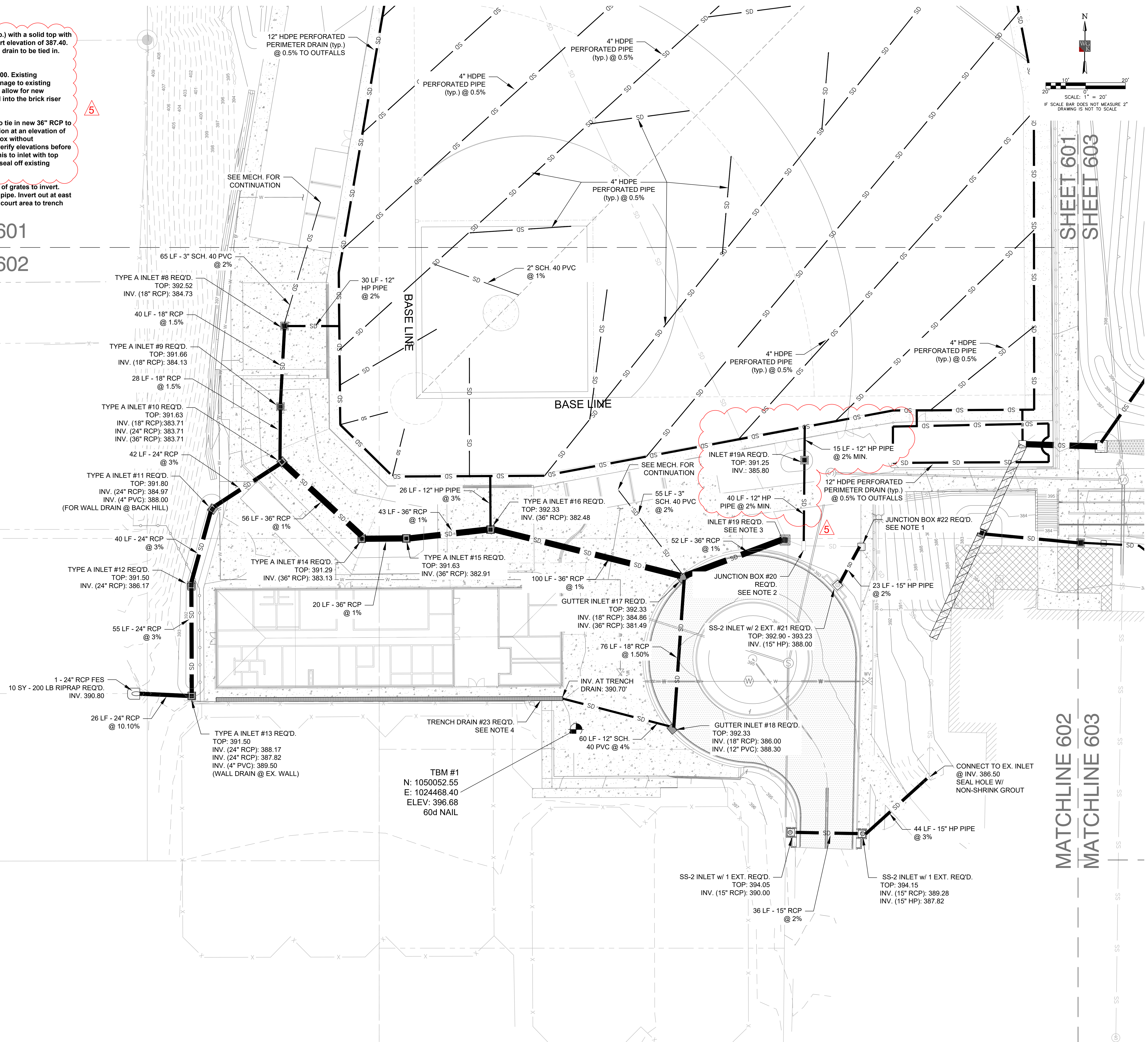
**C-600**

Overall Drainage Plan

**NOTES:**

1. CONTRACTOR to remove existing top and grate/castings to convert existing inlet to junction box (typ.) with a solid top with elevation of 390.00. CONTRACTOR to connect proposed storm drain to existing box structure at invert elevation of 387.40. CONTRACTOR to modify existing brick riser structure as necessary to allow for new proposed storm drain to be tied in. Seal hole with nonshrink grout. Existing grates/casting to be salvaged to the City of Meridian.
2. CONTRACTOR to convert existing inlet to junction box with approximately solid top elevation of 390.00. Existing grates/castings to be salvaged to City of Meridian. CONTRACTOR to tie in 12" HP pipe from field drainage to existing northern wall of existing inlet. CONTRACTOR to modify existing brick riser structure as necessary to allow for new proposed storm drain to be tied in. Proposed 12" HP pipe to be tied in above existing box culvert and into the brick riser section. Seal hole with nonshrink grout. CONTRACTOR to seal off whole from existing 10" clay pipe.
3. CONTRACTOR to remove existing 18" RCP to western wall of existing junction box. CONTRACTOR to tie in new 36" RCP to western wall of existing junction box between double run of 36" pipe and new box culvert cross section at an elevation of 380.97. The intent is for this invert elevation to allow for proposed 36" pipe to fit inside the junction box without compromising the wall thickness of existing top of box culvert/junction box. CONTRACTOR to field verify elevations before installing any pipe on this specific run. Seal holes with non shrink grout. CONTRACTOR to convert this to inlet with top elevation of 392.02. OWNER has had issues with this junction box leaking, CONTRACTOR to rebuild/seal off existing structure as necessary when converting to inlet.
4. Trench Drain to be approximately 180 LF long. Depth at upstream end to start at 1' deep from bottom of grates to invert. Trench drain to be installed in such a manner to ensure 0.5% slope from west to east towards outfall pipe. Invert out at east end to be 390.70'. CONTRACTOR to tie in foundation drain from existing and proposed wall at tennis court area to trench drain box with solid wall Schedule 40 PVC. ADA grate required. Grate top at 393.00

MATCHLINE SHEET 601  
MATCHLINE SHEET 602



MATCHLINE 602  
MATCHLINE 603

SHEET 601  
SHEET 603

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Meridian High School Baseball/Softball  
2820 32nd St., Meridian, MS 39305

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Project No 22034-03  
Date March 6, 2023  
Revisions Rev Date  
REV. 4 APRIL 19, 2023  
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