Indiana Department of Environmental Management
Office of Water Quality
Waterways Section

Publication Date:
July 1, 2026

IDEM Permit Number:
WQC001462

PUBLIC NOTICE

Closing Date:
July 22, 2026

Corps of Engineers ID Number:
LRL-2023-00665

To all interested parties:
This letter shall serve as a formal notice of the receipt of an application for Section 401 Water Quality Certification by the Indiana Department of Environmental Management (IDEM). The purpose of the notice is to inform the public of active applications submitted for water quality certification under Section 401 of the Clean Water Act (33 U.S.C. § 1341) and to solicit comments and information on any impacts to water quality related to the proposed project. IDEM will evaluate whether the project complies with Indiana's water quality standards as set forth at 327 IAC 2.

1. Applicant:
Todd Wilkerson
Lennar Homes, LLC
11555 N Meridian St #400
Carmel, IN, 46032

2. Agent:
Kat Pain
Meristem, LLC
877 Port Dr
Avon, IN, 46123

3. Project Location:
Greenwood, IN, 46143
Latitude: 39.5669
Longitude: -86.1529

4. Affected Waterbodies:
Permanent impacts: Two emergent wetlands (0.147 acre [ac]), one forested wetland (0.003 ac), three intermittent streams (389 linear feet [lft]), and one perennial stream (Honey Creek – 145 lft).
Temporary impacts: Honey Creek (50 lft)

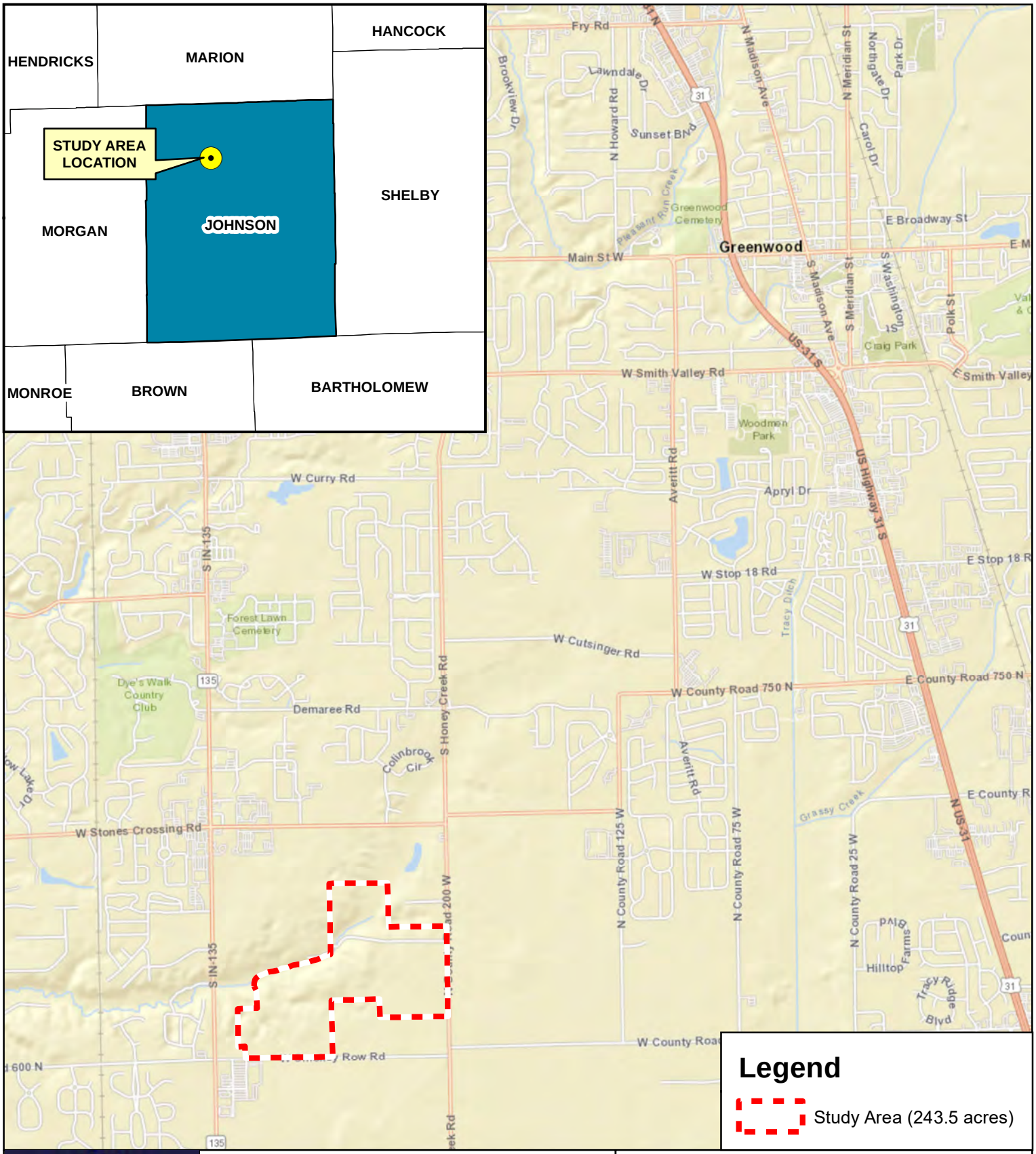
5. Project Description:
Construction of roadways, stormwater outlets, and a sanitary sewer connection for a single- family residential housing development.
For additional information visit the Regulatory ePortal at: https://waterquality.idem.in.gov

Comment Period:
Any person or entity who wishes to submit comments or information relevant to the aforementioned project may do so by the closing date noted above. Only comments or information related to water quality or potential impacts of the project on water quality can be considered by IDEM in the water quality certification review process.

Public Hearing:
Any person may submit a written request that a public hearing be held to consider issues related to water quality in connection with the project detailed in this notice. The request for a hearing should be submitted within the comment period to be considered timely. The request should also state the reason for the public hearing as specifically as possible to assist IDEM in determining whether a public hearing is warranted.

Questions?
Submit requests for additional information and written comments to WaterwaysComments@idem.IN.gov
In the subject line of the email, please include the IDEM ID Number listed in the top right corner of the first page of this public notice. Indicate if you wish to receive a copy of IDEM's final decision. Comments and inquiries may also be forwarded to -

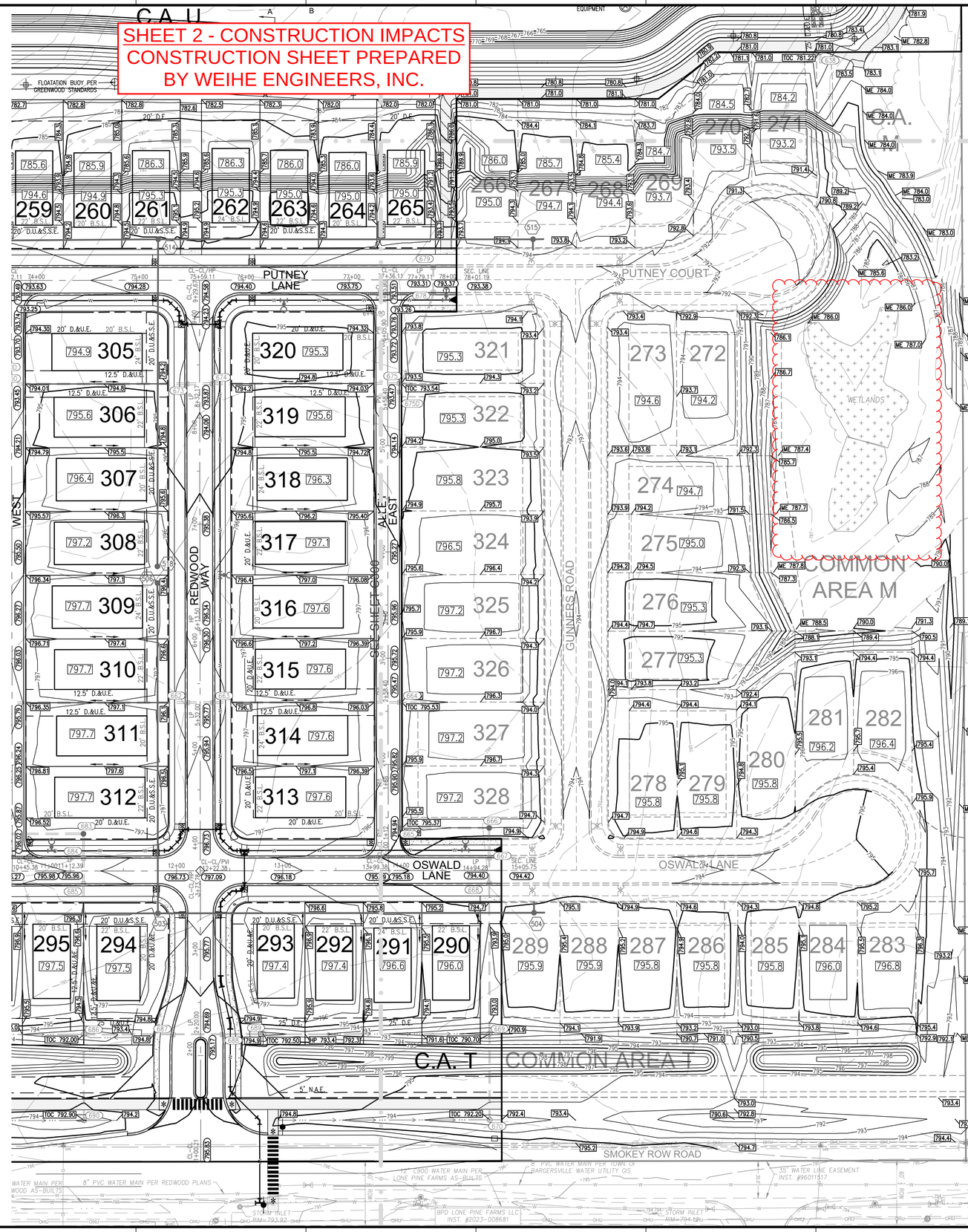
Office of Water Quality
Indiana Department of Environmental Management
100 North Senate Avenue, IGCN 1255
Indianapolis, Indiana 46204-2251



Appendix A, Figure 1:
Study Area Location Map

Honey Creek Farm
NW of S Honey Creek RD and Smokey Row RD
White River Township
Johnson County, Indiana

SHEET 2 - CONSTRUCTION IMPACTS
CONSTRUCTION SHEET PREPARED
BY WEIHE ENGINEERS, INC.



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- DEVELOPER INSTALLED CONCRETE WALK
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REVISED 2ND ORDER ELEVATION 2014.

ELEV. 756.899 (NAVD 88)

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ELEV. 794.93 (NAVD 88)

FOR GENERAL GRADING NOTES AND ROAD SECTIONS AND ADA RAMPS SEE SHEET C301 & C400

N
W E
S

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0 25 50 100

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10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net

317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax

ALLAN H. WEIHE, P.E., L.S. - FOUNDER

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REVISIONS AND ISSUES	DATE	BY

PROJECT NO.: W230270-1
DWG NAME: C300 GRADING PLAN
DESIGNED BY: TPG
DRAWN BY: BMW
CHECKED BY: KCS
DATE: 07/19/2024

07/19/2024

DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

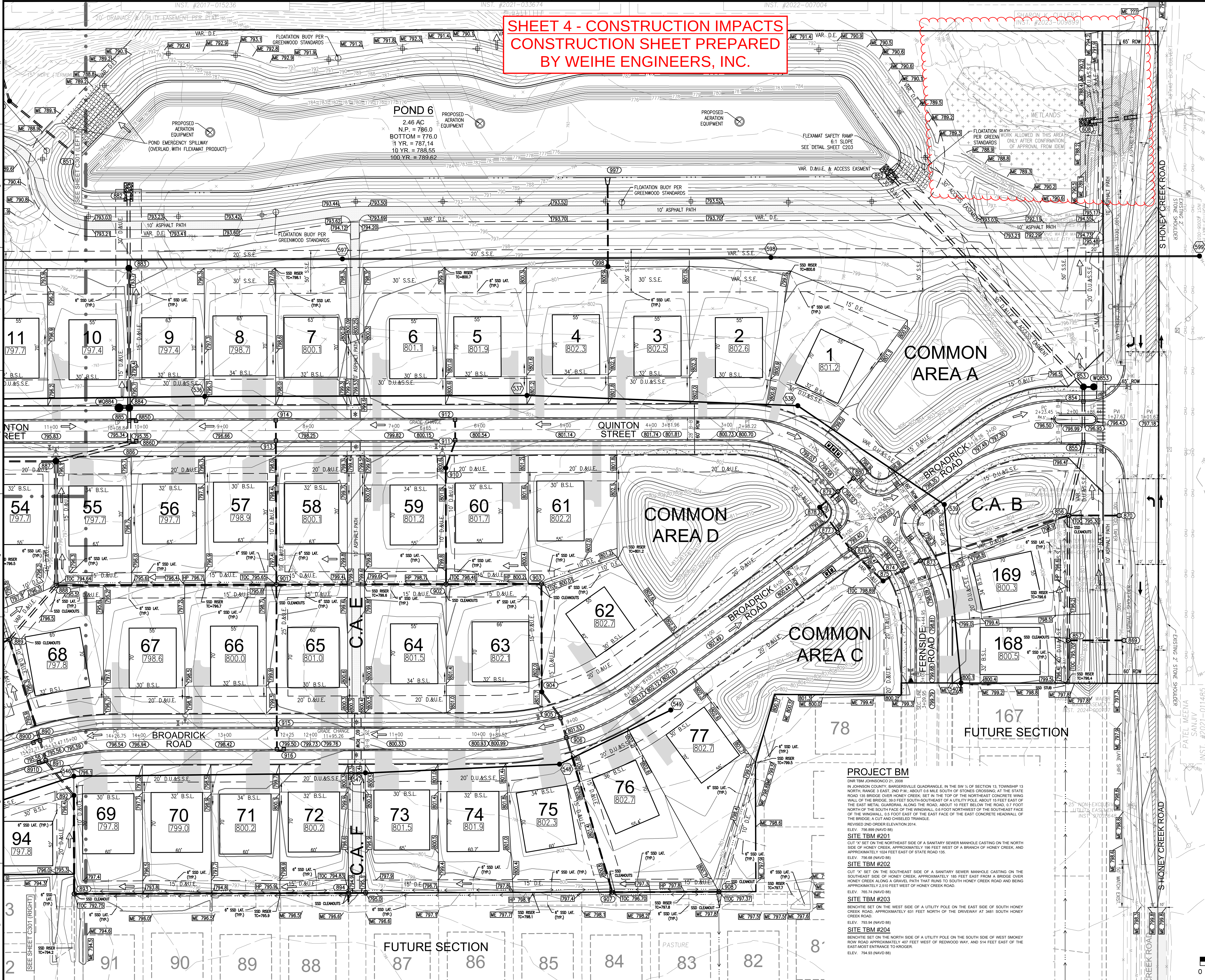
LENNAR

PREPARED FOR:
HONEY CREEK FARMS-SECTION 1
1538 W. SMOKEY ROW RD., GREENWOOD, IN 46143

GRADING PLAN
Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO.
C302

PROJECT NO.
W230270-1



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2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION, PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTING TEST SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
3. MAXIMUM LAWN SLOPE IS 3:1.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS AND SERVICE LINES. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
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7. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
8. ANY PART OF SANITARY / STORM SEWER AND WATER MAIN TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
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15. ALL 6" SSD TO BE DOUBLE WALL, GASKETED SMOOTH BORE, DRAIN TILE.
16. ALL SSD (INCLUDING THAT UNDER SWALES) SHALL BE CLEANED, AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED. THIS INCLUDES POWER, GAS AND CABLE.
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REVISED 2ND ORDER ELEVATION 2014.

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ALLAN H. WEIHE, P.E., L.S. - FOUNDER

PROJECT NO.: W230270-2
DWG NAME: C300 Grading Plan
DATE: 04/01/2024
REVISIONS AND ISSUES

07/19/2024
DUANE A. SHARRER, REGISTERED No. 890258, STATE OF INDIANA, PROFESSIONAL ENGINEER
DUANE A. SHARRER P.E. 890258

LENNAR

PREPARED FOR:

HONEY CREEK FARMS-SECTION 2

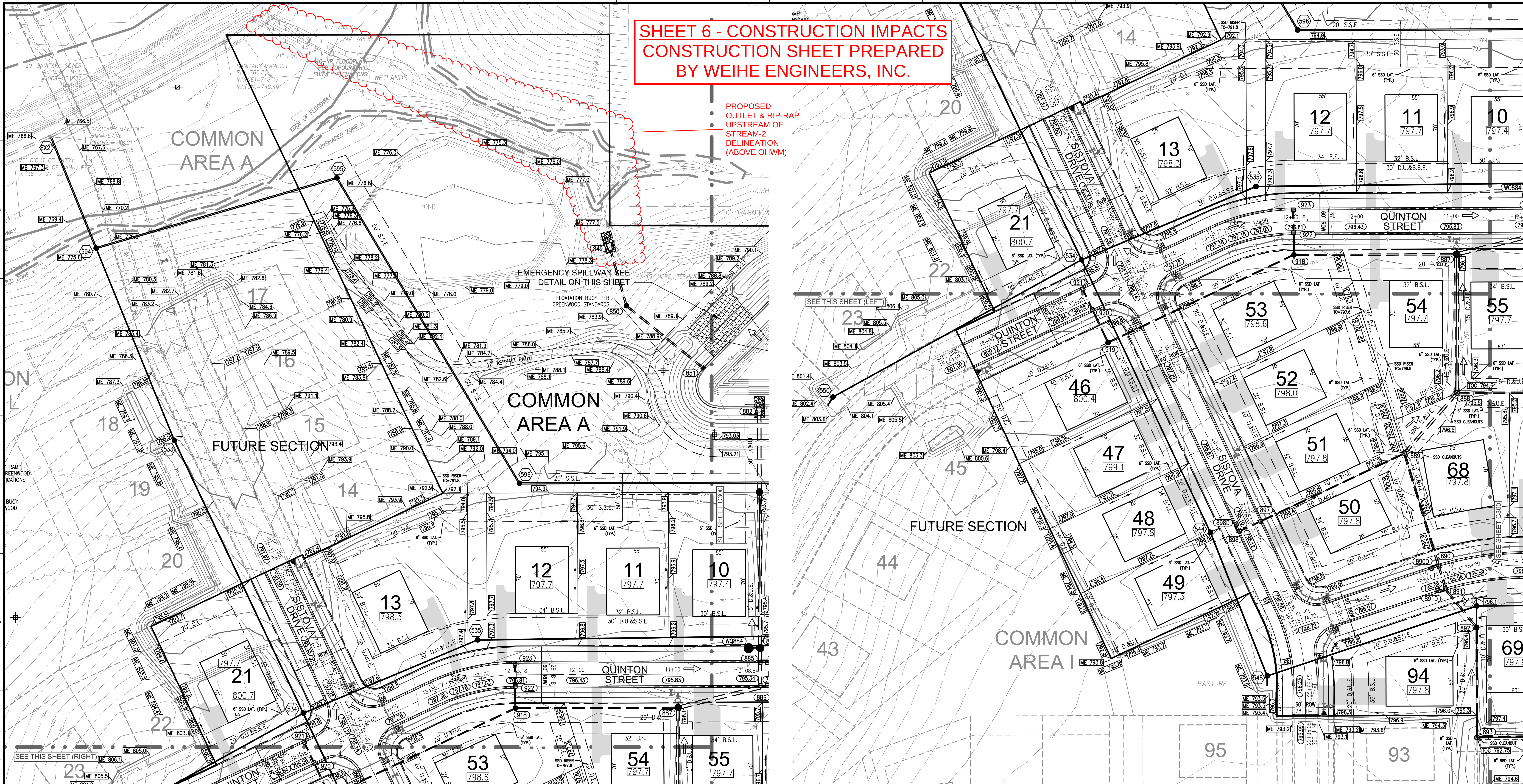
2601 S HONEY CREEK RD, GREENWOOD, IN 46143

GRADING PLAN

Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO. C300

PROJECT NO. W230270-2



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- FIRE HYDRANT WITH VALVE & TEMPORARY FIRE HYDRANT
- FINISH GRADES (795.8)
- POND SAFETY BUOY
- POND SAFETY SIGN

TOC	TOP OF CASTING
INV	INVERT
EX.	EXISTING
ROW	RIGHT-OF-WAY
B–B	BACK OF CURB
APPROX.	APPROXIMATE
ELEV.	ELEVATION
CONC.	CONCRETE
LP	LOW POINT
HP	HIGH POINT
ME	MATCH EXISTING
TYP.	TYPICAL
B.S.L.	BUILDING SETBACK LINE
SSD	SUB-SURFACE DRAIN
R.	RADIUS
VAR.	VARIABLE WIDTH
D.&U.E.	DRAINAGE EASEMENT
D.&U.E.	DRAINAGE AND UTILITY EASEMENT
EP	EDGE OF PAVEMENT
S.S.E.	SANITARY SEWER EASEMENT
U.E.	UTILITY EASEMENT

N W E S

SCALE: 1" = 50'

0 25 50 100

811 Know what's below. Call before you dig.

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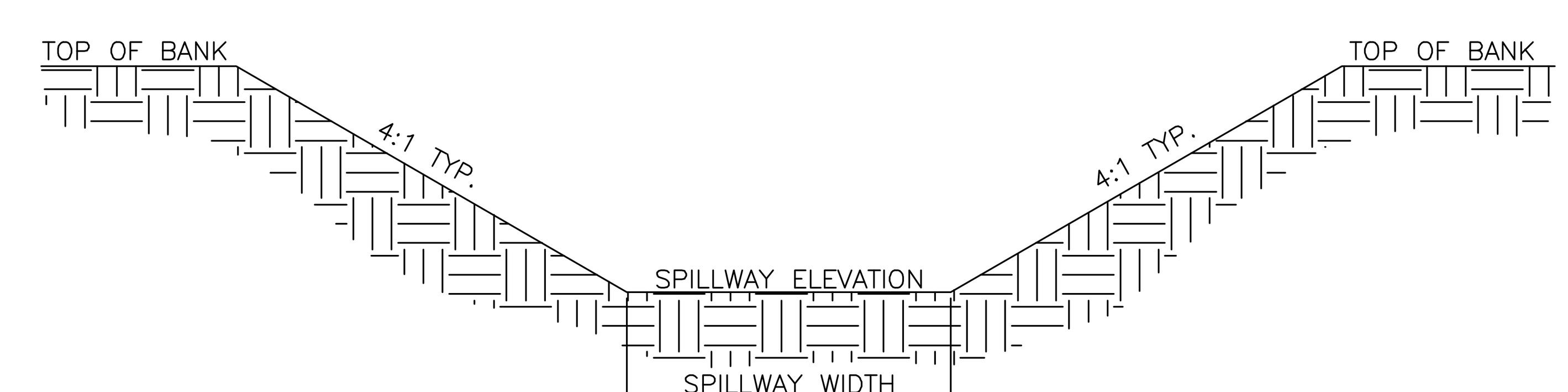


LOCATION:	TOP OF BANK ELEV.:	BACK TO BACK 100–YR ELEV.:	SPILLWAY ELEV.:	SPILLWAY WIDTH:
POND 6	793.0	790.91	791.0	60'

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER
WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture
Build with confidence.

PROJECT NO.: W230270-2
DWG NAME: C300 Grading Plan
DESIGNED BY: TPG
DRAWN BY: BMW
CHECKED BY: KCS
DATE: 04/01/2024

REVISIONS AND ISSUES	DATE	BY

07/19/2024

DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

PREPARED FOR: LENNAR

HONEY CREEK FARMS-SECTION 2

2601 S HONEY CREEK RD, GREENWOOD, IN 46143

GRADING PLAN

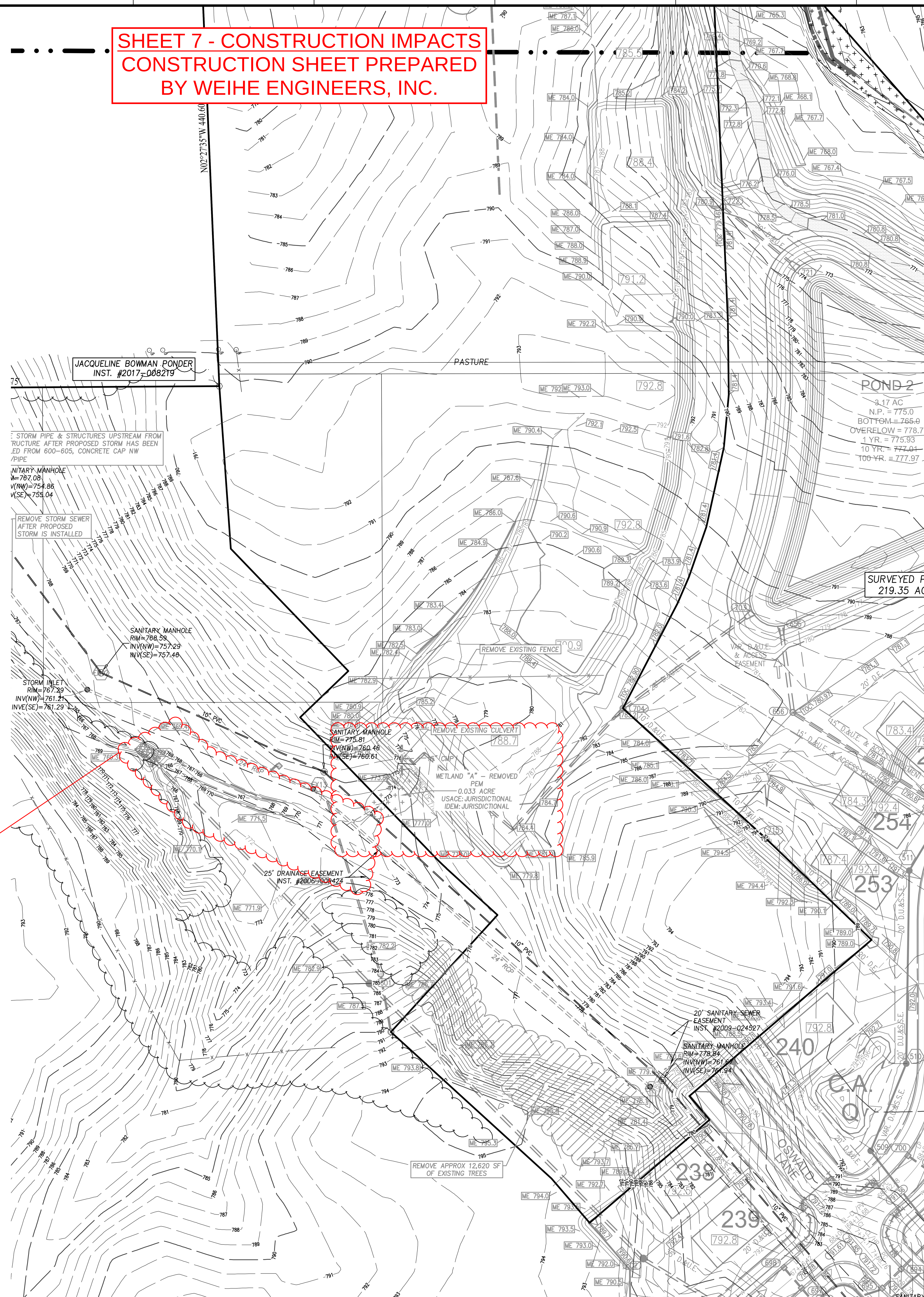
Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO. C301

PROJECT NO. W230270-2

SHEET 7 - CONSTRUCTION IMPACTS
CONSTRUCTION SHEET PREPARED BY WEIHE ENGINEERS, INC.

SEE FIGURE 2-3 FOR IMPACTS TO STREAM 1 (INT). 160 LF OF STREAM TO BE FILLED IN WITH NATURAL SUBSTRATE (OHWM IS 3" ABOVE STREAM BOTTOM).



LEGEND:

- REBAR FOUND
- HARRISON MONUMENT FOUND
- PK OR MAG NAIL FOUND
- BENCH MARK
- TEMPORARY BENCH MARK
- WATER VALVE
- FIRE HYDRANT
- UTILITY POLE
- GUY ANCHOR
- COMMUNICATIONS PEDESTAL
- BEEHIVE INLET
- POST
- MAIL BOX
- CMP CORRUGATED METAL PIPE
- RCP REINFORCED CONCRETE PIPE
- PVC POLYVINYL CHLORIDE PIPE
- INV INVERT
- ASPHALT
- CONCRETE (CONC)
- STONE
- TREE PROTECTION FENCE
- UNDERGROUND WATER
- UNDERGROUND COMMUNICATIONS
- MIXED OR UNIDENTIFIED OVERHEAD UTILITY
- STORM SEWER
- RIGHT OF WAY LINE
- FARM FENCE
- BOUNDARY LINE
- FLOW LINE
- SECTION LINE

GENERAL DEMOLITION NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY LOCATIONS OF ALL EXISTING UTILITIES PERTAINING TO THEIR PHASE OF WORK.
2. LOCATIONS OF UTILITIES NOTED TO BE REMOVED ARE APPROXIMATE AND SHALL BE RELOCATED, CAPPED AND/OR ABANDONED PRIOR TO CONSTRUCTION.
3. ALL DEMOLITION MATERIAL AND SALVAGEABLE MATERIAL ARE THE PROPERTY OF THE DEMOLITION CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFFSITE.
4. THE CONTRACTOR SHALL OBTAIN ALL DEMOLITION PERMITS REQUIRED BY LOCAL AND STATE AGENCIES.
5. THE CONTRACTOR SHALL REMOVE ALL EXISTING FENCES LOCATED INTERNALLY ON SITE. PERIMETER FENCES TO BE REMOVED ARE TO BE CONFIRMED BY OWNER.
6. THE CONTRACTOR SHALL MAINTAIN STREETS FREE AND CLEAR OF SEDIMENT AND DEBRIS.
7. ALL EXISTING FIELD TILES ARE TO BE CONNECTED TO THE PROPOSED STORM SYSTEM. CONTACT ENGINEER FOR DIRECTION.

GENERAL NOTES:

1. BASED UPON A SCALED INTERPRETATION OF THE FLOOD INSURANCE RATE MAPS, PANEL 109, MAP NO. 18081C0109D FOR JOHNSON COUNTY, INDIANA DATED AUGUST 02, 2007, THE WITHIN DESCRIBED REAL ESTATE IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA INUNDATED BY A 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD) AS ESTABLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE NATIONAL FLOOD INSURANCE PROGRAM. THE WITHIN DESCRIBED REAL ESTATE IS LOCATED WITHIN (UNSHADED) ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN), FLOOD PLAIN CERTIFICATION IS RESTRICTED TO A REVIEW OF THE FLOOD INSURANCE RATE MAPS (FIRM), AND SHALL NOT BE CONSTRUED AS A CONFIRMATION OR DENIAL OF FLOODING POTENTIAL.
2. THE UNDERGROUND UTILITIES DEPICTED ON THE ATTACHED PLAT OF SURVEY ARE AS SHOWN ON A SURVEY PREFORMED BY WEIHE ENGINEERS. DATED MARCH 26, 2024. THE PATH OF THE UTILITY LINES SHOWN ON SAID PLAT OF SURVEY SHOULD BE CONSIDERED APPROXIMATE UNTIL THEY ARE EITHER RELOCATED, BY CALLING THE INDIANA UNDERGROUND PLANT PROTECTION SERVICE AT 1-800-382-5544 OR UNTIL THEY ARE EXCAVATED TO VERIFY THE LOCATION AND PATH OF THE UTILITY LINES.
3. THE BOUNDARY IS BASED ON AN ALTA SURVEY PERFORMED BY WEIHE ENGINEERS.
4. THE TOPOGRAPHIC SURVEY WAS PERFORMED BY WEIHE ENGINEERS DATED MARCH 26, 2024.

PROJECT BM

DNR TBM JOHNSONCO 21, 2008

IN JOHNSON COUNTY, BARGERSVILLE QUADRANGLE, IN THE SW ¼ OF SECTION 13, TOWNSHIP 13 NORTH, RANGE 3 EAST, 2ND P.M.; ABOUT 0.6 MILE SOUTH OF STONES CROSSING; AT THE STATE ROAD 135 BRIDGE OVER HONEY CREEK; SET IN THE TOP OF THE NORTHEAST CONCRETE WING WALL OF THE BRIDGE, 39.0 FEET SOUTH-SOUTHEAST OF A UTILITY POLE, ABOUT 15 FEET EAST OF THE EAST METAL GUARDRAIL ALONG THE ROAD, ABOUT 10 FEET BELOW THE ROAD, 0.7 FOOT NORTH OF THE SOUTH FACE OF THE WINGWALL, 0.6 FOOT NORTHWEST OF THE SOUTHEAST FACE OF THE WINGWALL, 0.5 FOOT EAST OF THE EAST FACE OF THE EAST CONCRETE HEADWALL OF THE BRIDGE; A CUT AND CHISELED TRIANGLE.

REVISED 2ND ORDER ELEVATION 2014.

ELEV. 756.899 (NAVD 88)

SITE TBM #201

CUT "X" SET ON THE NORTHEAST SIDE OF A SANITARY SEWER MANHOLE CASTING ON THE NORTH SIDE OF HONEY CREEK, APPROXIMATELY 196 FEET WEST OF A BRANCH OF HONEY CREEK, AND APPROXIMATELY 1024 FEET EAST OF STATE ROAD 135.

ELEV. 756.68 (NAVD 88)

SITE TBM #202

CUT "X" SET ON THE SOUTHEAST SIDE OF A SANITARY SEWER MANHOLE CASTING ON THE SOUTHEAST SIDE OF HONEY CREEK, APPROXIMATELY 185 FEET EAST FROM A BRIDGE OVER HONEY CREEK ALONG A GRAVEL PATH THAT RUNS TO SOUTH HONEY CREEK ROAD AND BEING APPROXIMATELY 2,510 FEET WEST OF HONEY CREEK ROAD.

ELEV. 765.74 (NAVD 88)

SITE TBM #203

BENCHTIE SET ON THE WEST SIDE OF A UTILITY POLE ON THE EAST SIDE OF SOUTH HONEY CREEK ROAD, APPROXIMATELY 631 FEET NORTH OF THE DRIVEWAY AT 3481 SOUTH HONEY CREEK ROAD.

ELEV. 793.94 (NAVD 88)

SITE TBM #204

BENCHTIE SET ON THE NORTH SIDE OF A UTILITY POLE ON THE SOUTH SDIE OF WEST SMOKEY ROW ROAD APPROXIMATELY 407 FEET WEST OF REDWOOD WAY, AND 514 FEET EAST OF THE EAST-MOST ENTRANCE TO KROGER.

ELEV. 794.93 (NAVD 88)

N W E S

SCALE: 1" = 50'

0 25 50 100

811

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317 | 843 - 0546 fax

ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
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PROJECT NO.:	W230270-3
DWG NAME:	C100 Exist Cond
DESIGNED BY:	DTR
DRAWN BY:	BMW
CHECKED BY:	KCS
DATE:	xx/xx/xxxx

REVISIONS AND ISSUES | DATE | BY

07/19/2024

DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

PREPARED FOR: LENNAR

HONEY CREEK FARMS-SECTION 3

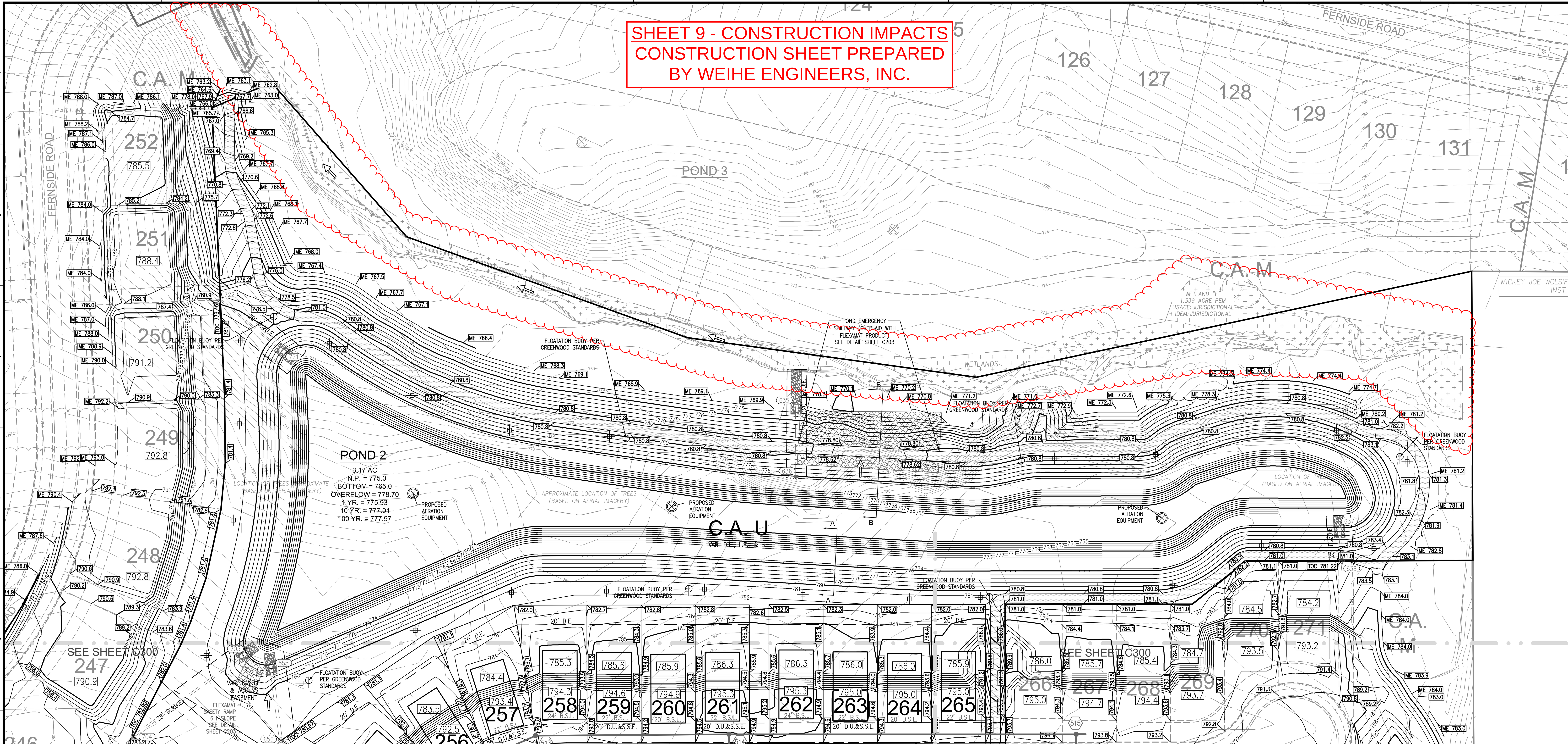
10505 N. College Avenue, Indianapolis, IN 46280

EXISTING CONDITIONS & DEMOLITION PLAN

Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO. C100

PROJECT NO. W230270-3



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2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION, PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTING TEST SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
3. MAXIMUM LAWN SLOPE IS 3:1.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS AND SERVICE LINES. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
6. COMPACTED "B" BORROW BACK FILL REQ'D. OVER ALL UTILITIES IN PAVED AREAS.
7. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
8. ANY PART OF SANITARY / STORM SEWER AND WATER MAIN TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
9. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
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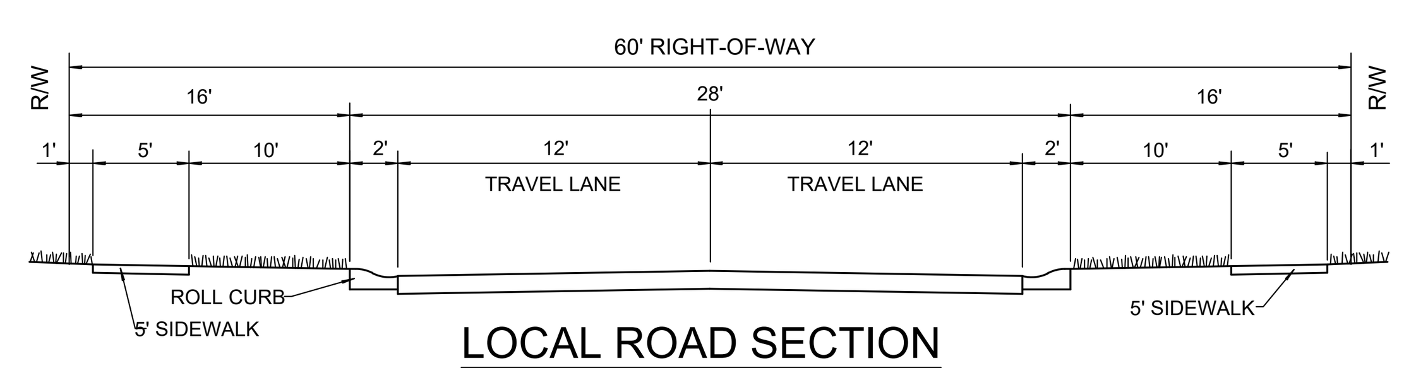
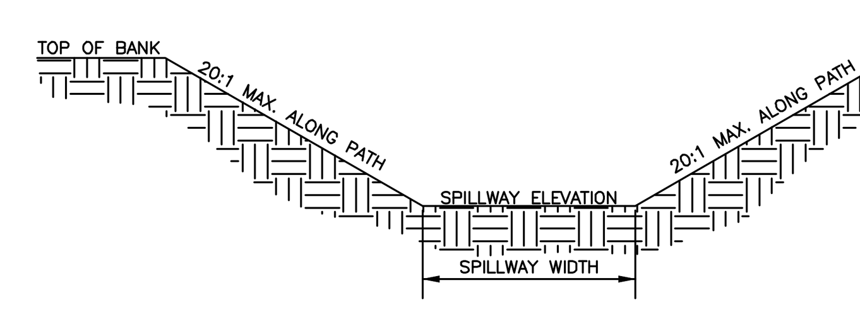
11. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
12. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
13. GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER - STREET CROSSINGS.
14. ALL PROPOSED CURB TO BE ROLL CURB, UNLESS OTHERWISE NOTED. (FOR DETAIL SEE SHEET C411)
15. ALL 6" SSD TO BE DOUBLE WALL, GASKETED SMOOTH BORE, DRAIN TILE.
16. ALL SSD (INCLUDING THAT UNDER SWALES) SHALL BE CLEANED, AFTER ALL UNDERGROUND UTILITIES ARE INSTALLED. THIS INCLUDES POWER, GAS AND CABLE.
17. A SOILS INVESTIGATION SHALL BE PERFORMED BY A GEOTECHNICAL ENGINEER FOR THE PROPOSED POND TO DETERMINE IF THE POND WILL FUNCTION AS A SEALED SYSTEM. IF PERMEABLE SOIL IS FOUND, A LINER COVERING THE BOTTOM AND SIDESLOPES MAY BE NECESSARY FOR THE POND TO RETAIN WATER. THE GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS FOR THE POND LINER (I.E. CLAY-BENTONITE SEALER, NATURAL CLAY LINER, OR A TYPE OF SYNTHETIC LINER) AND METHODS OF CONSTRUCTION.
18. CONTRACTOR TO STOCKPILE STRIPPED CLEAN TOPSOIL TO BE REUSED AS THE UPPER 4 INCHES FOR HOME LOTS.
19. SEE DETAIL ON SHEET C411 FOR SIDEWALK SIZE AND LOCATION.
20. ALL SWALES GRADED AT 1.4% OR GREATER. ALL SWALES LESS THAN 1.3% WILL HAVE UNDERDRAINS SEE DETAIL C606.
21. EXISTING INFORMATION BASED OFF OF PROPOSED CONSTRUCTION PLANS FROM SECTION 2.
22. ALL PATHWAYS & SIDEWALKS WITHIN PUBLIC RIGHT-OF-WAY ARE PUBLIC. ALL PATHWAYS & SIDEWALKS OUTSIDE OF PUBLIC RIGHT-OF-WAY ARE PRIVATE.



LOCAL ROAD SECTION

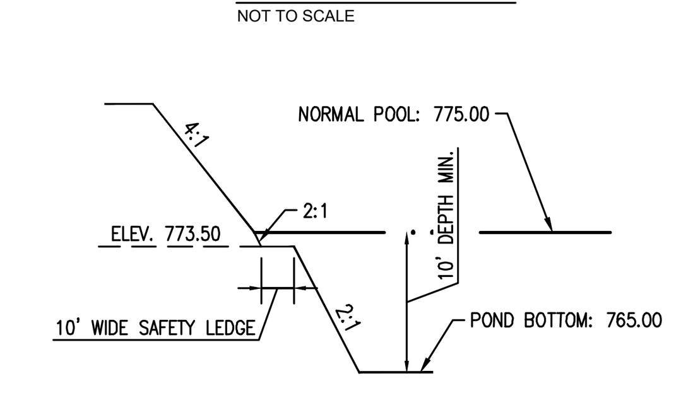
(NO SCALE)



LOCATION:	TOP OF BANK ELEV.:	BACK TO BACK 100-YR ELEV.:	SPILLWAY ELEV.:	SPILLWAY WIDTH:
POND 2	780.8	778.72	778.8	60'

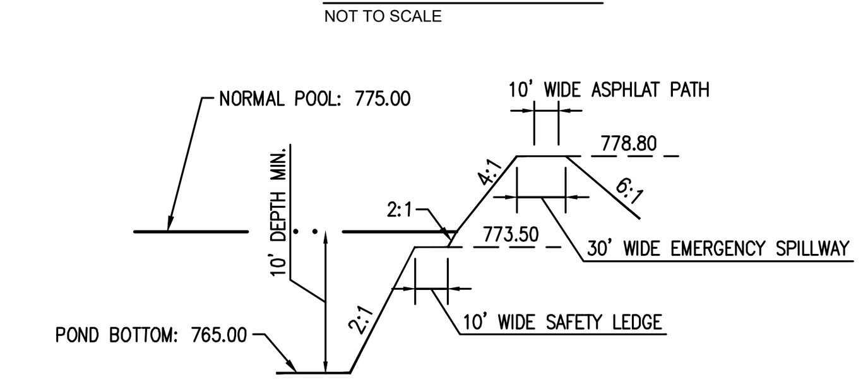
POND 2 SECTION A-A

NOT TO SCALE



POND 2 SECTION B-B

NOT TO SCALE



LEGEND

- ROLL CURB WITH 6" ADS UNDERDRAIN OR EQUAL
- DEPRESSED CURB
- CHAIRBACK CURB
- DEVELOPER INSTALLED CONCRETE WALK
- HOMEBUILDER INSTALLED CONCRETE WALK
- RIGHT-OF-WAY LINE
- 801 PROPOSED CONTOURS
- ADA RAMP
- FLOW DIRECTION
- EMERGENCY FLOOD ROUTE
- SWALE
- 132 SANITARY STRUCTURE LABEL
- SANITARY SEWER, MANHOLE, LATERAL & CLEANOUT
- 132 STORM STRUCTURE LABEL
- SPACE BASED ON PIPE SIZE — STORM SEWER, CONCRETE END SECTION, CURB INLET, YARD INLET & MANHOLE
- WATER MAIN, VALVE, TEE & REDUCER
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PROJECT NO.: W230270-1
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DRAWN BY: BMW
CHECKED BY: KCS
DATE: 07/19/2024

REVISIONS AND ISSUES	DATE	BY

07/19/2024

DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

LENNAR

PREPARED FOR:

HONEY CREEK FARMS-SECTION 1

1538 W. SMOKEY ROW RD., GREENWOOD, IN 46143

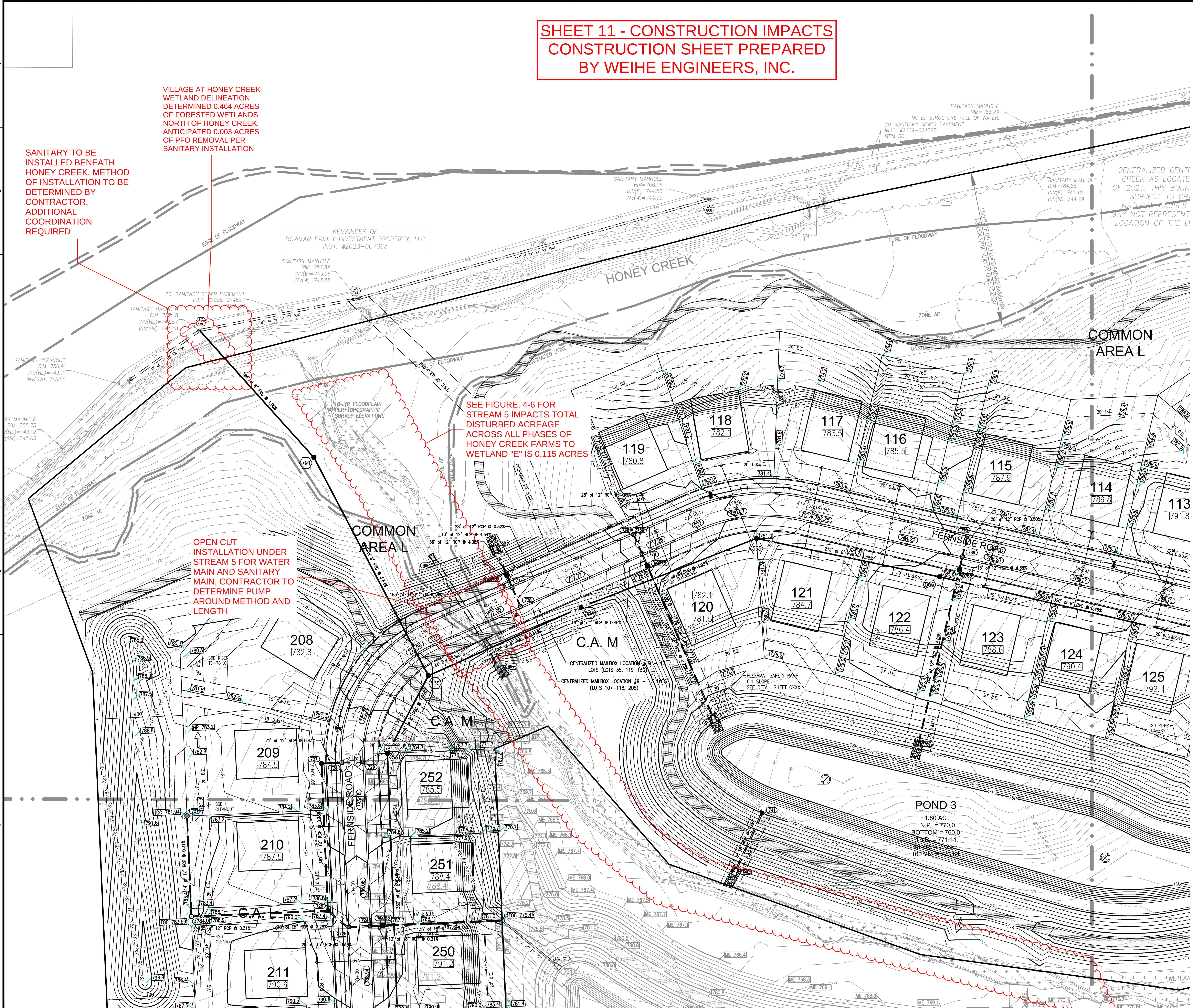
GRADING PLAN

Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO. C301

PROJECT NO. W230270-1

LOCATION: H:\2023\W230270\Section 1\Engineering\design\conset\C300 GRADING PLAN.dwg
LAYOUT: C301
DATE/TIME: November 26, 2024 - 10:41am
PLOTTED BY: illag



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17. A SOILS INVESTIGATION SHALL BE PERFORMED BY A GEOTECHNICAL ENGINEER FOR THE PROPOSED POND TO DETERMINE IF THE POND WILL FUNCTION AS A SEALED SYSTEM. IF PERMEABLE SOIL IS FOUND, A LINER COVERING THE BOTTOM AND SIDESLOPES MAY BE NECESSARY FOR THE POND TO RETAIN WATER. THE GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS FOR THE POND LINER (I.E. CLAY-BENTONITE SEALER, NATURAL CLAY LINER, OR A TYPE OF SYNTHETIC LINER) AND METHODS OF CONSTRUCTION.
18. CONTRACTOR TO STOCKPILE STRIPPED CLEAN TOPSOIL TO BE REUSED AS THE UPPER 4 INCHES FOR HOME LOTS.
19. SEE DETAIL ON SHEET C410 FOR SIDEWALK SIZE AND LOCATION.
20. ALL SWALES GRADED AT 1.2% OR GREATER. ALL SWALES LESS THAN 2.0% WILL HAVE UNDERDRAINS SEE DETAIL C607.
21. ALL PATHWAYS & SIDEWALKS WITHIN PUBLIC RIGHT-OF-WAY ARE PUBLIC. ALL PATHWAYS & SIDEWALKS OUTSIDE OF PUBLIC RIGHT-OF-WAY ARE PRIVATE.

LEGEND

ROLL CURB WITH 6" ADS UNDERDRAIN OR EQUAL
CHAIRBACK CURB
DEVELOPER INSTALLED CONCRETE WALK
HOMEBUILDER INSTALLED CONCRETE WALK
RIGHT-OF-WAY LINE
PROPOSED CONTOURS
ADA RAMP
FLOW DIRECTION
EMERGENCY FLOOD ROUTE
SWALE
SANITARY STRUCTURE LABEL
SANITARY SEWER, MANHOLE, LATERAL & CLEANOUT
STORM STRUCTURE LABEL
STORM SEWER, CONCRETE END SECTION, CURB INLET, YARD INLET & MANHOLE
WATER MAIN, VALVE, TEE & REDUCER
FIRE HYDRANT WITH VALVE & TEMPORARY FIRE HYDRANT
795.8 FINISH GRADES
POND SAFETY BUOY
POND SAFETY SIGN

PROJECT BM

DNR TBM JOHNSONCO 21, 2008

IN JOHNSON COUNTY, BARGERSVILLE QUADRANGLE, IN THE SW ¼ OF SECTION 13, TOWNSHIP 13 NORTH, RANGE 3 EAST, 2ND P.M.; ABOUT 0.6 MILE SOUTH OF STONES CROSSING; AT THE STATE ROAD 135 BRIDGE OVER HONEY CREEK; SET IN THE TOP OF THE NORTHEAST CONCRETE WING WALL OF THE BRIDGE, 39.0 FEET SOUTH-SOUTHEAST OF A UTILITY POLE, ABOUT 15 FEET EAST OF THE EAST METAL GUARDRAIL ALONG THE ROAD, ABOUT 10 FEET BELOW THE ROAD, 0.7 FOOT NORTH OF THE SOUTH FACE OF THE WINGWALL, 0.6 FOOT NORTHWEST OF THE SOUTHEAST FACE OF THE WINGWALL, 0.5 FOOT EAST OF THE EAST FACE OF THE EAST CONCRETE HEADWALL OF THE BRIDGE; A CUT AND CHISELED TRIANGLE.

REVISED 2ND ORDER ELEVATION 2014.

ELEV. 756.899 (NAVD 88)

SITE TBM #201

CUT "X" SET ON THE NORTHEAST SIDE OF A SANITARY SEWER MANHOLE CASTING ON THE NORTH SIDE OF HONEY CREEK, APPROXIMATELY 196 FEET WEST OF A BRANCH OF HONEY CREEK, AND APPROXIMATELY 1024 FEET EAST OF STATE ROAD 135.

ELEV. 756.68 (NAVD 88)

SITE TBM #202

CUT "X" SET ON THE SOUTHEAST SIDE OF A SANITARY SEWER MANHOLE CASTING ON THE SOUTHEAST SIDE OF HONEY CREEK, APPROXIMATELY 185 FEET EAST FROM A BRIDGE OVER HONEY CREEK ALONG A GRAVEL PATH THAT RUNS TO SOUTH HONEY CREEK ROAD AND BEING APPROXIMATELY 2,510 FEET WEST OF HONEY CREEK ROAD.

ELEV. 765.74 (NAVD 88)

SITE TBM #203

BENCHTIE SET ON THE WEST SIDE OF A UTILITY POLE ON THE EAST SIDE OF SOUTH HONEY CREEK ROAD, APPROXIMATELY 631 FEET NORTH OF THE DRIVEWAY AT 3481 SOUTH HONEY CREEK ROAD.

ELEV. 793.94 (NAVD 88)

SITE TBM #204

BENCHTIE SET ON THE NORTH SIDE OF A UTILITY POLE ON THE SOUTH SDIE OF WEST SMOKEY ROW ROAD APPROXIMATELY 407 FEET WEST OF REDWOOD WAY, AND 514 FEET EAST OF THE EAST-MOST ENTRANCE TO KROGER.

ELEV. 794.93 (NAVD 88)

N E S W

SCALE: 1" = 50'

0 25 50 100

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weihe.net
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317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER
WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture
Build with confidence.

PROJECT NO.:	W230270-3
DWG NAME:	C300 Grading Plan
DESIGNED BY:	DTR
DRAWN BY:	BMW
CHECKED BY:	KCS
DATE:	xx/xx/xxxx

REVISIONS AND ISSUES

DATE	BY

07/19/2024

DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER

DUANE A. SHARRER P.E. 890258

LENNAR

PREPARED FOR:

HONEY CREEK FARMS-SECTION 3

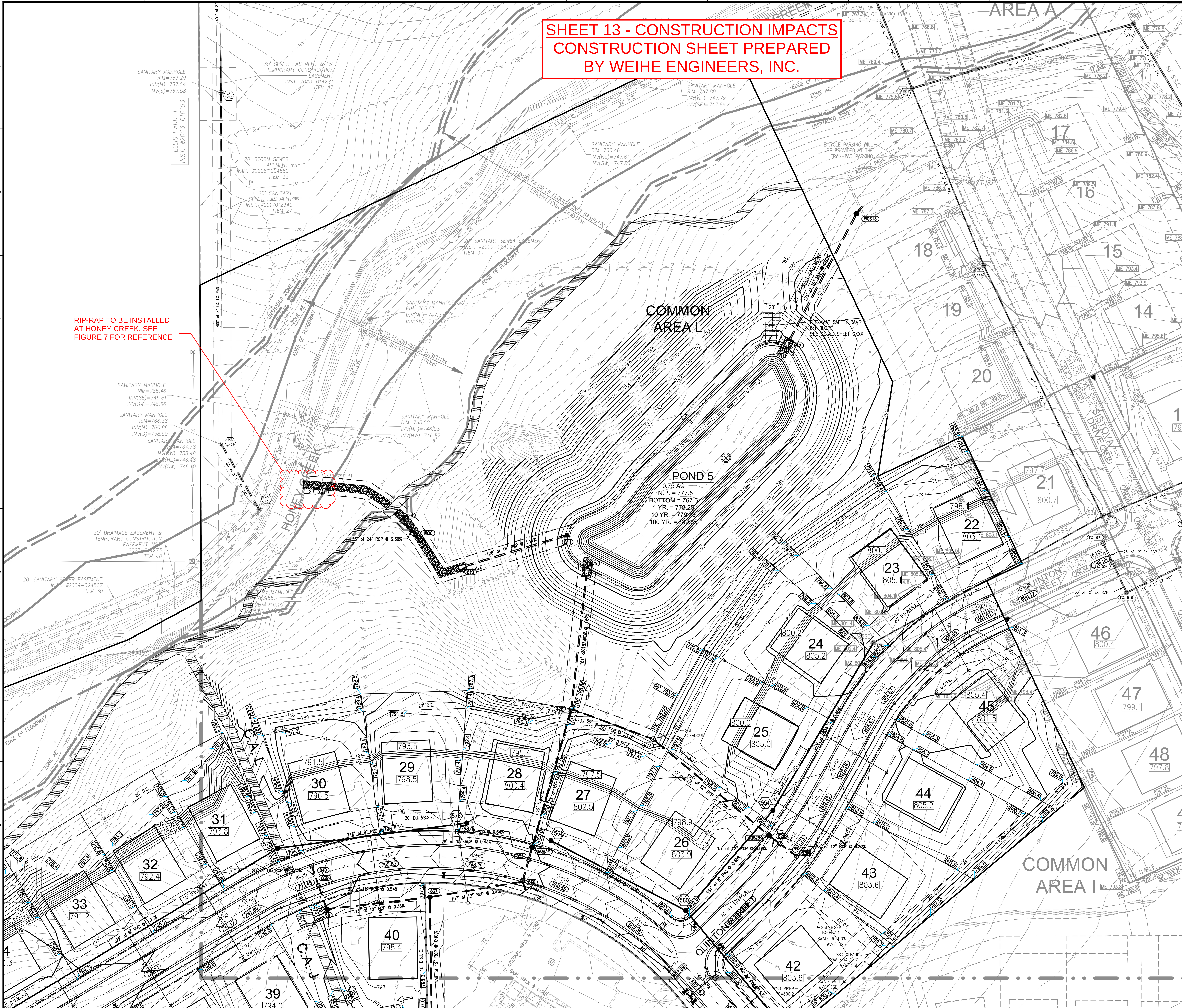
10505 N. College Avenue, Indianapolis, IN 46280

GRADING PLAN

Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO.
C301

PROJECT NO.
W230270-3



GENERAL GRADING NOTES:

1. THE CONTRACTOR IS REQUIRED TO USE THE CONSTRUCTION STANDARDS, SPECIFICATIONS AND DETAILS, LATEST EDITION, FROM THE CITY OF GREENWOOD FOR THIS PROJECT. IF CONFLICTS OCCUR BETWEEN THESE PLANS AND THE CITY OF GREENWOOD CONSTRUCTION STANDARDS, SPECIFICATIONS AND DETAILS, THE ENGINEER IS REQUIRED TO BE NOTIFIED FOR RESOLUTION.
2. FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION, PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTING TEST SHALL BE RUN ON EACH LIFT, IN FILL SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
3. MAXIMUM LAWN SLOPE IS 3:1.
4. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS AND SERVICE LINES. IN THE AFFECTED CONSTRUCTION AREA. EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
6. COMPACTED "B" BORROW BACK FILL REQ'D. OVER ALL UTILITIES IN PAVED AREAS.
7. ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
8. ANY PART OF SANITARY / STORM SEWER AND WATER MAIN TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
9. ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
10. THE CONTRACTOR SHALL CONFIRM ALL EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION. IF AN EXCESS OR SHORTAGE OF EARTH IS ENCOUNTERED, THE CONTRACTOR SHALL CONFIRM WITH THE OWNER AND ENGINEER THE REQUIREMENTS FOR STOCKPILING, REMOVING OR IMPORTING OF EARTH.
11. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS.
12. CONTRACTOR TO INSTALL CONCRETE CRADLES WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWER FACILITIES, WATER MAIN, AND STORM SEWERS IS 18" OR LESS.
13. GRANULAR BACKFILL TO BE USED FOR ALL UTILITY AND SEWER - STREET CROSSINGS.
14. ALL PROPOSED CURB TO BE ROLL CURB, UNLESS OTHERWISE NOTED. (FOR DETAIL SEE SHEET C410)
15. ALL 6" SSD TO BE DOUBLE WALL, GASKETED SMOOTH BORE, DRAIN TILE.
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- CHAIRBACK CURB
- DEVELOPER INSTALLED CONCRETE WALK
- HOMEBUILDER INSTALLED CONCRETE WALK
- RIGHT-OF-WAY LINE
- 801 PROPOSED CONTOURS
- ADA RAMP
- FLOW DIRECTION
- EMERGENCY FLOOD ROUTE
- SWALE
- 132 SANITARY STRUCTURE LABEL
- C.O. SANITARY SEWER, MANHOLE, LATERAL & CLEANOUT
- 132 STORM STRUCTURE LABEL
- SPACE BASED ON PIPE SIZE: STORM SEWER, CONCRETE END SECTION, CURB INLET, YARD INLET & MANHOLE
- WATER MAIN, VALVE, TEE & REDUCER
- FIRE HYDRANT WITH VALVE & TEMPORARY FIRE HYDRANT
- 795.8 FINISH GRADES
- POND SAFETY BUOY
- POND SAFETY SIGN

PROJECT BM

DNR TBM JOHNSONCO 21, 2008

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WEIHE ENGINEERS
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Landscape Architecture
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PROJECT NO.: W230270-3
DWG NAME: C300 Grading Plan
DESIGNED BY: DTR
DRAWN BY: BMW
CHECKED BY: KCS
DATE: xx/xx/xxxx

DATE	BY	REVISIONS AND ISSUES

07/19/2024
DUANE A. SHARRER REGISTERED No. 890258 STATE OF INDIANA PROFESSIONAL ENGINEER
DUANE A. SHARRER P.E. 890258

PREPARED FOR: LENNAR

HONEY CREEK FARMS-SECTION 3

10505 N. College Avenue, Indianapolis, IN 46280

GRADING PLAN

Part of Section 13, Township 13 North, Range 3 East, White River Township, Johnson County, Indiana

SHEET NO. C303

PROJECT NO. W230270-3

SHEET 14 - CONSTRUCTION IMPACTS
EXHIBIT PREPARED BY WEIHE ENGINEERS, INC.

PATH AND CULVERT TO BE INSTALLED ACROSS STREAM 3 (INT). SEE FIGURE 1 FOR REFERENCE

RIP-RAP TO BE INSTALLED AT HONEY CREEK. SEE FIGURE 8 FOR REFERENCE

8" PVC WATER MAIN TO BE OPEN CUT UNDER HONEY CREEK. CONTRACTOR TO DETERMINE PUMP AROUND METHOD AND LENGTH OF IMPACT. BRIDGE WITH ABUTMENTS TO BE PROPOSED OVER HONEY CREEK.

EXISTING CULVERT (CULVERT #1) TO BE REMOVED (22 LF). OHWM IS 12" IN THIS LOCATION

VERONICA COURT

LOXLEY LANE

SISTOVA DRIVE

SISTOVA COURT

HONEY CREEK

POND 7

COMMON AREA L

COMMON AREA A

C.A. A.

C.A. K

LOT 10 FLATS AT STRUTS CROSSING, LLC INST. #2021-043605

ELLIS PARK, LLC INST. #2023-003066

INDERDEEP SINGH AND MANPREET KAUR INST. #2021-027164

LOT 5

20' DRAINAGE & UTILITY EASEMENT PER PLAT

20' SANITARY SEWER EASEMENT INST. #2009-024527 ITEM 30

30' SEWER EASEMENT & 15' TEMPORARY CONSTRUCTION EASEMENT INST. 2023-014273 ITEM 47

N89°56'20"E 1349.06'

N00°14'00"W 1622.82'

SANITARY MANHOLE RIM=806.37 INV(W)=771.82 INV(S)=771.77

SANITARY MANHOLE RIM=802.34 INV(N)=769.74 INV(S)=769.69

SANITARY MANHOLE RIM=783.29 INV(N)=767.64 INV(S)=767.58

SANITARY MANHOLE RIM=789.29 INV(NE)=749.81 INV(SW)=749.68

SANITARY MANHOLE RIM=766.58 INV(NE)=748.38 INV(SW)=748.28

SANITARY MANHOLE RIM=768.45 INV(NE)=748.92 INV(SW)=748.78

SANITARY MANHOLE RIM=767.54 INV(NE)=748.69 INV(SW)=748.59

SANITARY MANHOLE RIM=768.30 INV(NE)=748.49 INV(SW)=748.40

SANITARY MANHOLE RIM=765.10 INV=759.74

SANITARY MANHOLE RIM=767.89 INV(NE)=747.79 INV(SE)=747.69

24" CMP INV=760.04

15" HDPE (TERMINUS UNKNOWN)

10-YR FLOODPLAIN PER TOPOGRAPHIC SURVEY ELEVATIONS

LIMITS OF 100 YR FLOOD FRINGE BASED ON TOPOGRAPHIC SURVEY ELEVATIONS

LIMITS OF 100 YR FLOOD FRINGE BASED ON CURRENT FEMA FLOOD MAP

EDGE OF FLOODWAY

ZONE AE

UNSHADED ZONE X

SHADED ZONE X

10' ASPHALT PATH

24" PVC

21" PVC

FLOATATION BUOY PER GREENWOOD STANDARDS

PROPOSED AERATION EQUIPMENT

APPROX. POND EMERGENCY SPILLWAY ELEV.=774.60

1 YR = 774.60
10 YR = 776.40
100 YR = 777.02

0.81 AC
W.S. = 774.0
BOTTOM = 768.0

SAFETY RAIL PER GREENWOOD SPECIFICATIONS

PROPOSED BRIDGE

75' RIGHT OF ENTRY (FROM TOP OF BANK) PER IC 36-9-27-33

WETLANDS

GUARDRAIL

689.6 BFE PROFILE

689.0 BFE PROFILE

187 (85 L.F. – 6" WYE & LAT. 1+58, 70')
188 (85 L.F. – 6" WYE & LAT. 0+42, 70')
189 (85 L.F. – 6" WYE & LAT. 0+86, 70')
190 (85 L.F. – 6" WYE & LAT. 3+03, 70')
191 (85 L.F. – 6" WYE & LAT. 3+03, 70')
192 (85 L.F. – 6" WYE & LAT. 2+35, 70')
194 (85 L.F. – 6" WYE & LAT. 0+63, 70')
193 (85 L.F. – 6" WYE & LAT. 1+12, 70')
186 (83 L.F. – 6" WYE & LAT. 1+04, 40')
185 (81 L.F. – 6" WYE & LAT. 0+90, 40')
184 (81 L.F. – 6" WYE & LAT. 1+48, 40')
183 (80 L.F. – 6" WYE & LAT. 0+48, 40')
182 (71 L.F. – 6" WYE & LAT. 0+48, 40')
184 (8 L.F. – 6" WYE & LAT. 0+48, 40')
176 (76 L.F. – 6" WYE & LAT. 0+16, 43.2')
177 (7 L.F. – 6" WYE & LAT. 0+95, 43.2')
178 (36 L.F. – 6" WYE & LAT. 1+53, 40')
179 (7 L.F. – 6" WYE & LAT. 2+09, 41.4')
180 (6" WYE & LAT. 2+37, 40')
175 (6" WYE & LAT. 0+58, 40')
174 (85 L.F. – 6" WYE & LAT. 0+63, 40')
173 (85 L.F. – 6" WYE & LAT. 1+12, 40')
172 (85 L.F. – 6" WYE & LAT. 1+48, 40')
171 (85 L.F. – 6" WYE & LAT. 2+03, 40')
170 (85 L.F. – 6" WYE & LAT. 2+43, 50')
195 (5 L.F. – 6" WYE & LAT. 0+48, 44.6')
196 (5 L.F. – 6" WYE & LAT. 1+18, 45')
203 (5 L.F. – 6" WYE & LAT. 0+50, 40')
204 (5 L.F. – 6" WYE & LAT. 0+88, 40')
205 (5 L.F. – 6" WYE & LAT. 1+48, 40')
206 (5 L.F. – 6" WYE & LAT. 2+08, 40')
207 (6 L.F. – 6" WYE & LAT. 2+73, 40')
197 (89 L.F. – 6" WYE & LAT. 2+03, 40')
198 (101 L.F. – 6" WYE & LAT. 0+91, 40')
199 (80 L.F. – 6" WYE & LAT. 1+26, 40')
200 (9 L.F. – 6" WYE & LAT. MANHOLE, 41.5')
202 (58 L.F. – 6" WYE & LAT. 0+90, 40')
201 (6 L.F. – 6" WYE & LAT. 1+53, 40')