

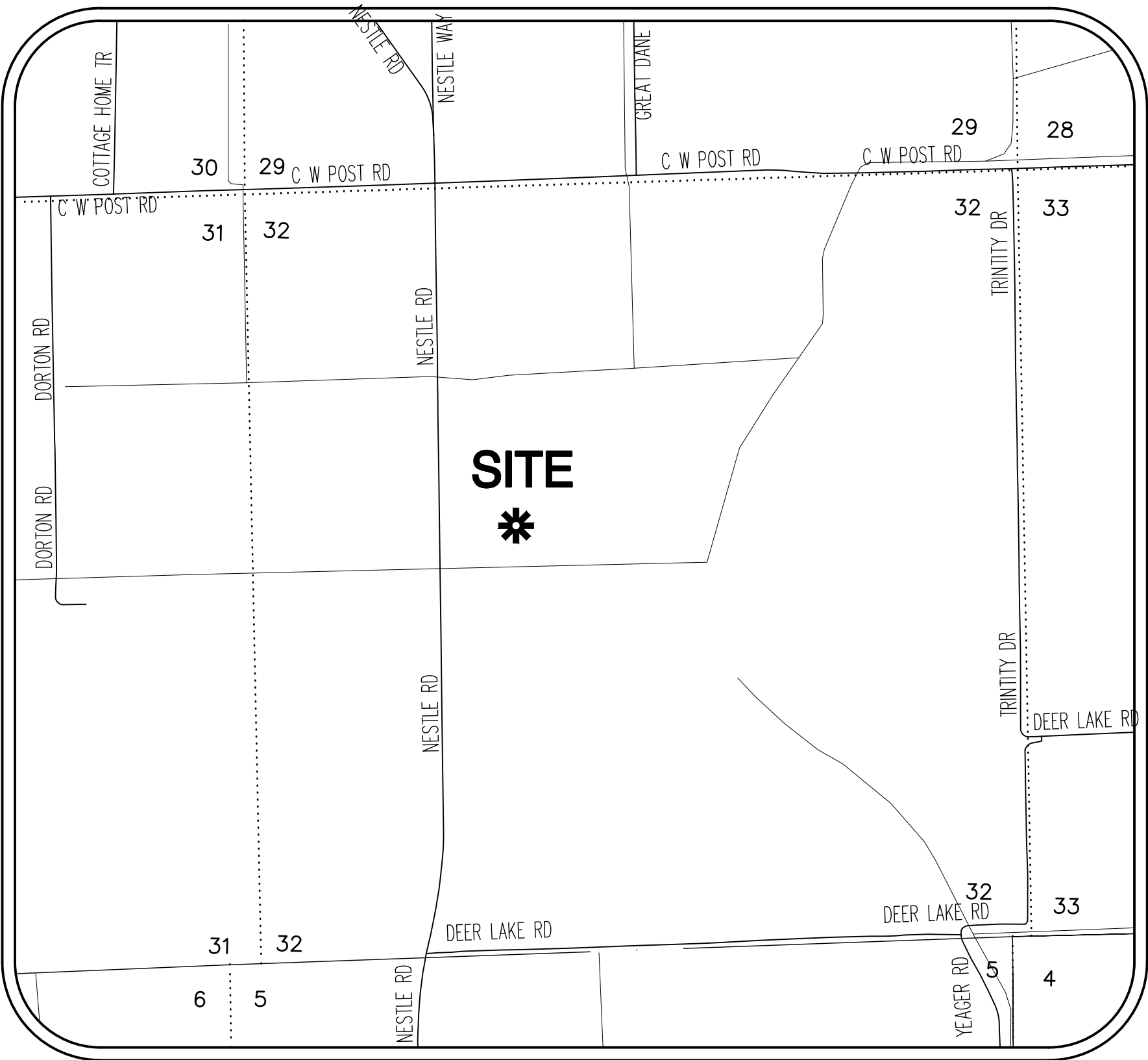
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GRADING & DRAINAGE PLANS

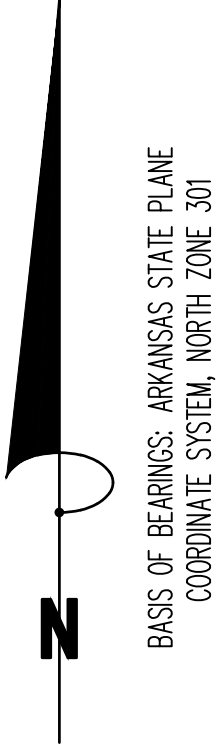
CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS



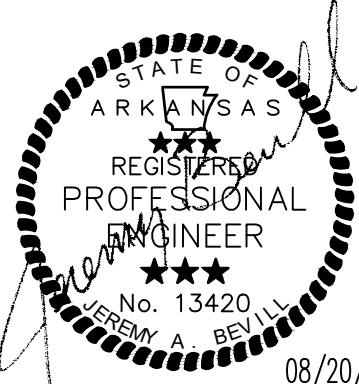
ARKANSAS



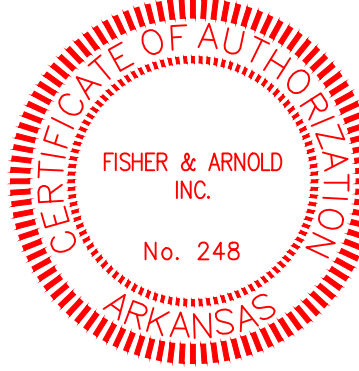
VICINITY MAP
(NOT TO SCALE)



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JEREMY A. BEVIL – CIVIL ENGINEER
ARKANSAS – PE # 13420



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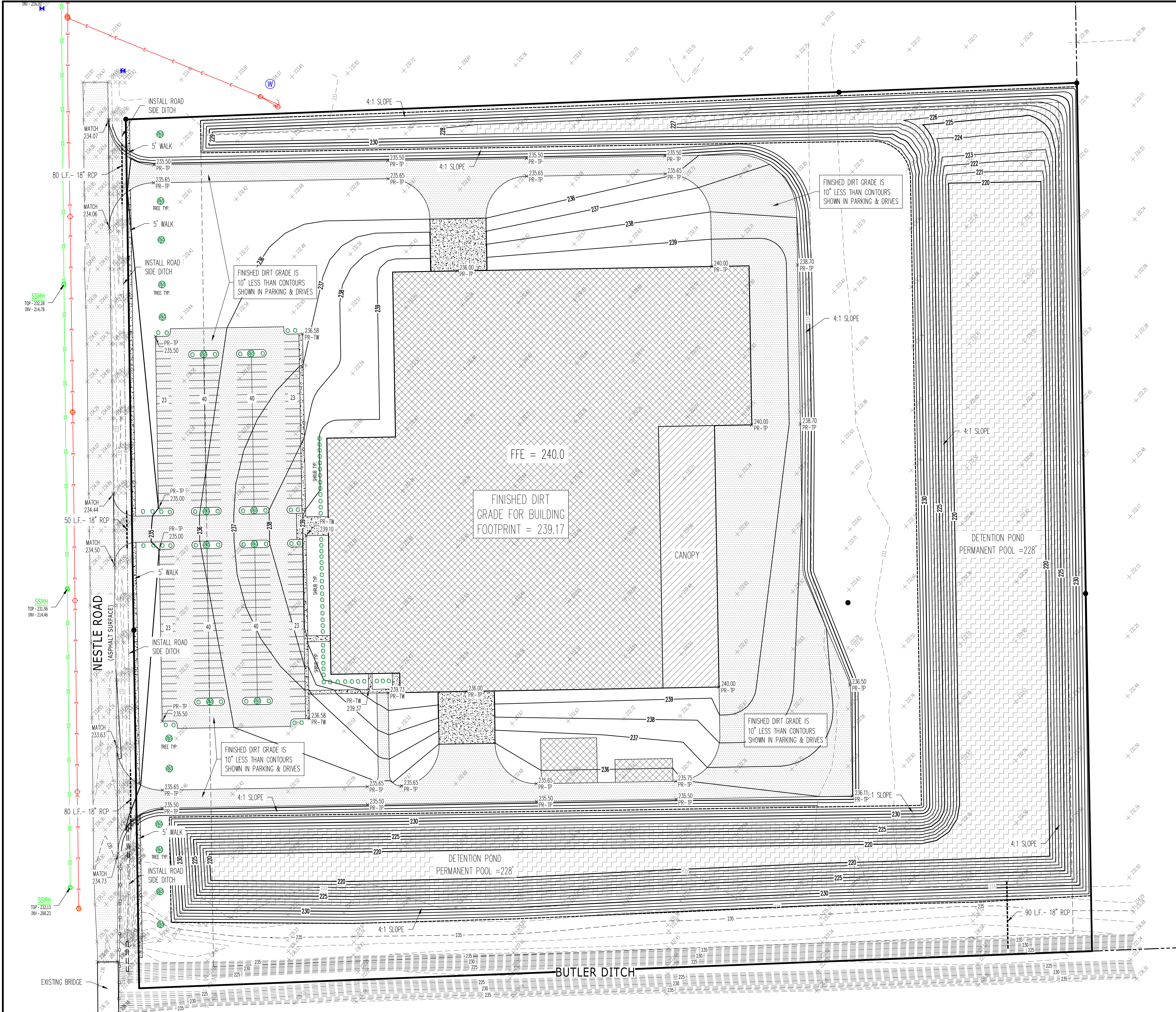
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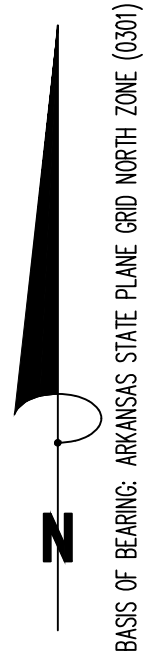
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DATE	BY	DESCRIPTION

PROJECT NO.
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DRAWN BY DK	CHECKED BY JM
SHEET C1	SCALE 1"=60'
DATE 08/20/2020	DRAWING NO. 42-19



- LEGEND:**
- PROPOSED PIPE
 - EXISTING PIPE
 - RCP REINFORCED CONCRETE PIPE
 - FFE FINISHED FLOOR ELEVATION
 - PR-TC PROPOSED TOP OF CURB
 - PR-TP PROPOSED TOP OF PAVEMENT
 - PR-TW PROPOSED TOP OF WALK
 - PR-INV PROPOSED INVERT GRADE
 - MATCH MATCH EXISTING GRADE
 - OVERHEAD ELECTRIC LINE
 - WATER LINE
 - SANITARY SEWER LINE
 - UTILITY POLE
 - FIRE HYDRANT
 - WATER VALVE
 - SANITARY SEWER MANHOLE
 - TELECOMMUNICATIONS PEDESTAL

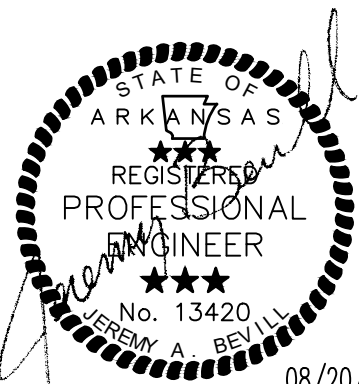


GRADING & DRAINAGE PLAN

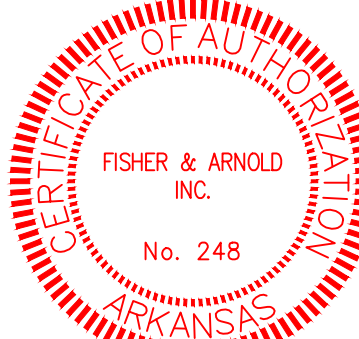
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1801 Latourette Drive | Jonesboro, Arkansas 72404
870.932.2019 | Fax: 870.932.1076 | www.fisherarnold.com

GRADING & DRAINAGE PLAN

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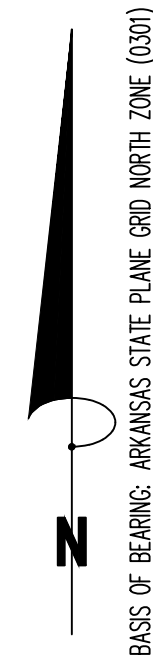
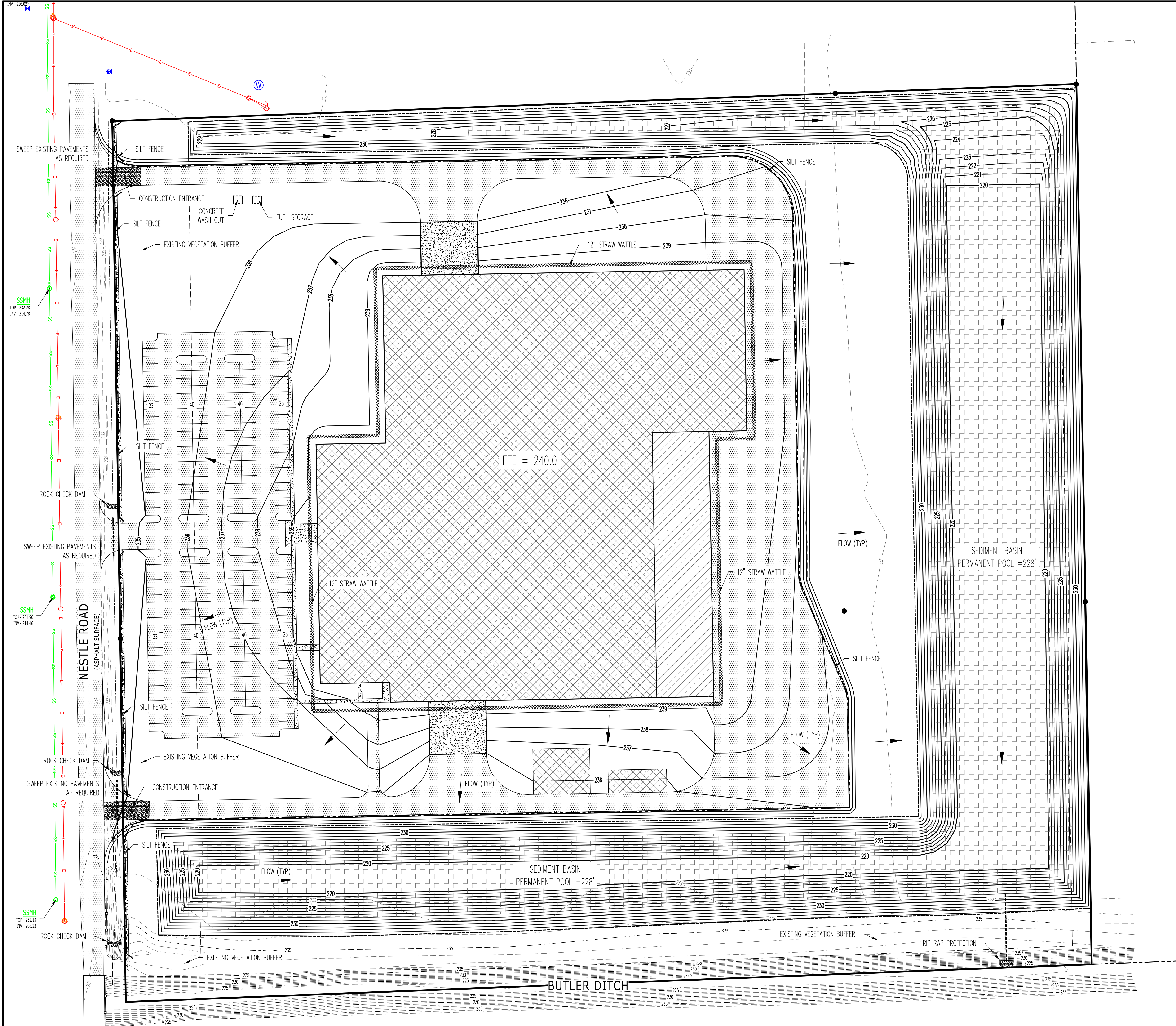
CHECKED BY
JM

SHEET
C2

SCALE
1"=60'

DATE
08/20/2020

DRAWING NO.
42-19



GENERAL NOTES:

1. AFTER COMPLETION OF CONSTRUCTION THE NEW RUNOFF COEFFICIENT SHALL BE 0.80.
2. THE STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN ARE INTENDED TO MINIMIZE POLLUTANT LOADS OCCURRING IN STORM WATER DISCHARGES, FROM THE CONSTRUCTION SITE. THE CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BEYOND THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND UNTIL 100% OF THE SITE HAS BEEN STABILIZED.
3. IMPLEMENTATION, INSTALLATION, APPLICATION AND MAINTENANCE OF THE STORM WATER POLLUTION PREVENTION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH APPLICABLE STATE OR LOCAL WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEM REGULATIONS.
4. ALL DISTURBED AREAS ARE TO BE STABILIZED.

EROSION AND SEDIMENT CONTROL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION ENTRANCES AT LOCATIONS AS INDICATED ON PLANS PRIOR TO EARTHWORK.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE LOCATED AND MAINTAINED SUCH THAT THE LOCATION DOES NOT INTERFERE WITH CONSTRUCTION ACTIVITIES.
3. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES ON SITE AND AT LEAST 20' FROM THE DISTURBED AREAS.

GENERAL NOTES: EROSION BALES

1. DESCRIPTION: STRAW OR HAY EROSION BALES MAY BE USED AS FILTERS ALONG THE TOE OF FILL SLOPES, AS EROSION CHECKS IN DITCHES, AND AS SEDIMENT TRAPS AT INLETS AND OUTLETS. STRAW BALES MAY BE PLACED BELOW FILL SLOPES TO PROTECT ROADS, AND AS ENERGY DISSIPATORS FOR HIGH VELOCITY RUNOFF.
2. CONSTRUCTION: BALES SHALL BE LAID TO MAINTAIN TIGHT JOINTS. EROSION BALES WILL NOT FILTER SEDIMENT OUT OF WATER IF THE WATER IS ALLOWED TO FLOW BETWEEN, AROUND, OR UNDERNEATH THE BALES. THE BALES SHOULD BE ENTRENCHED 6 INCHES AND ANCHORED SECURELY.
3. MAINTENANCE: EROSION BALES REQUIRE FREQUENT INSPECTION AS THEY DETERIORATE QUICKLY AND MAY NEED TO BE REPLACED. WHEN NO LONGER NEEDED, THE ACCUMULATED SEDIMENT SHALL BE SPREAD, SEEDED, AND MULCHED WITH THE EROSION BALES AS APPROVED BY COR.
4. HAY BALES ARE A TEMPORARY MEASURE ONLY. THEY SHALL BE INSTALLED, REPAIRED OR REPLACED AT THE DIRECTION OF COR.

MAINTENANCE AND OPERATION NOTES:

1. AN INSPECTION SHALL BE MADE EVERY 7 DAYS.
2. ALL OBSERVED DEFICIENCIES IN BEST MANAGEMENT PRACTICES (BMP's) WILL BE RECORDED.
3. SEDIMENT SHALL BE REMOVED BEHIND SILT FENCING OR STRAW BALES ONCE SEDIMENT REACHES 1/3 THE HEIGHT OF THE SILT FENCE OR STRAW BALES.



EROSION CONTROL PLAN

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EROSION CONTROL PLAN

CAMFIL JONESBORO, ARKANSAS



JEREMY A. BEVIL - CIVIL ENGINEER
ARKANSAS - PE # 13420



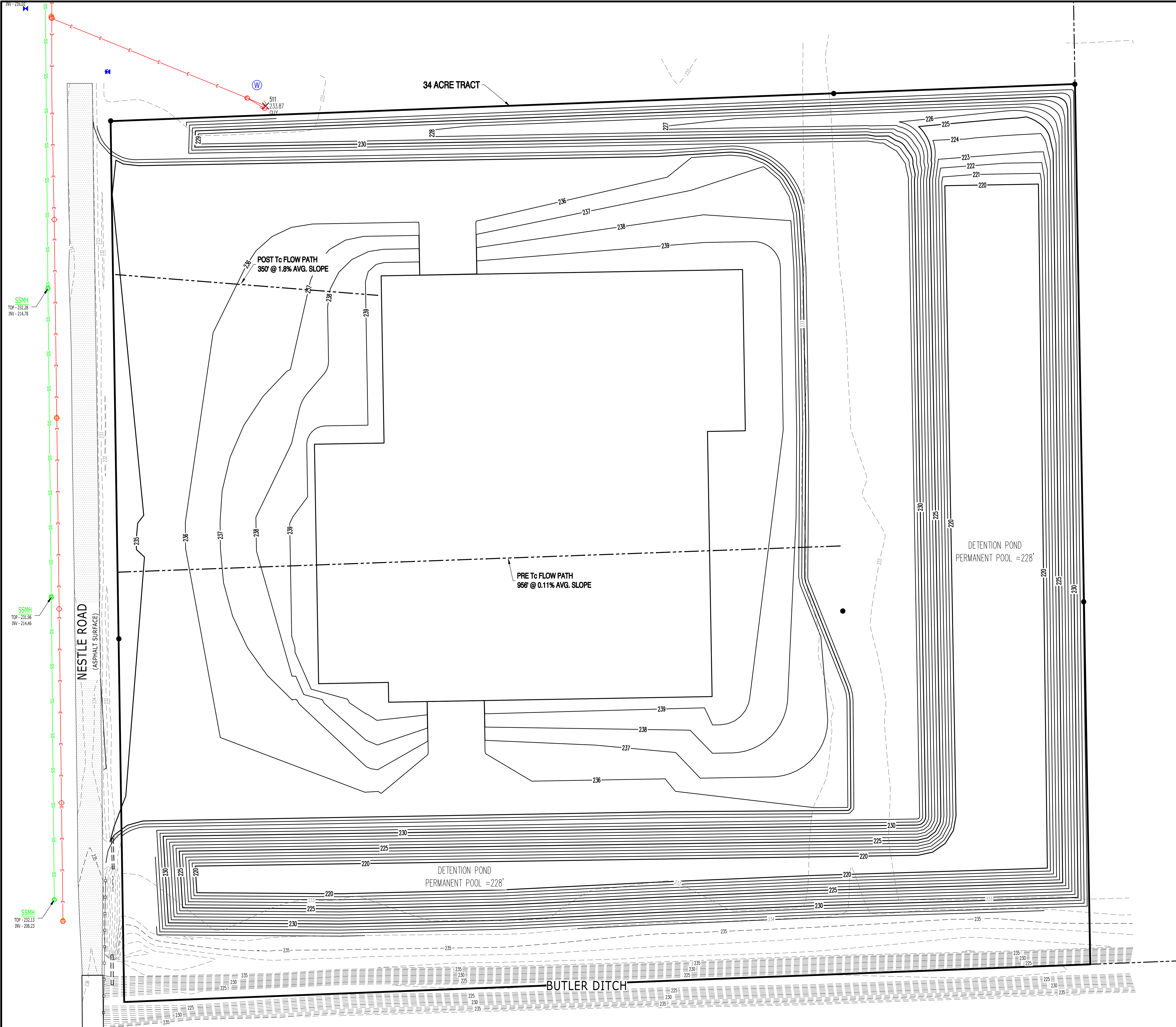
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SHEET C3	SCALE 1"=60'
DATE 08/20/2020	DRAWING NO. 42-19



MAP NOTES:

EXISTING LAND USE:
CURVE NUMBER (CN) = 83
SMALL GRAIN SOIL TYP "D"

PROPOSED LAND USE:
CURVE NUMBER (CN) = 98 FOR 13.0 ACRES IMPERVIOUS
CURVE NUMBER (CN) = 74 FOR 21.0 ACRES PERVIOUS

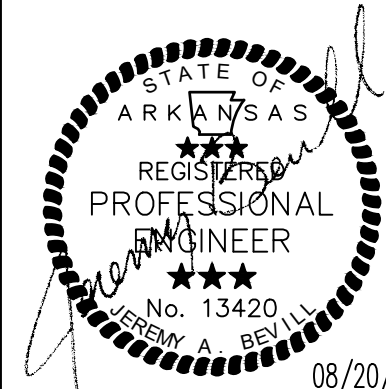


DRAINAGE AREA MAP

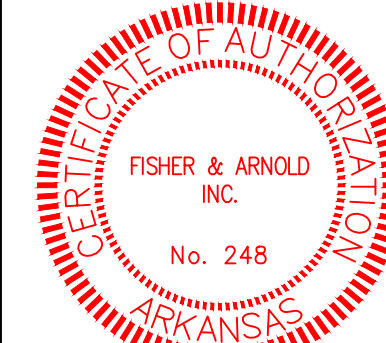
DRAINAGE AREA MAP



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