

# GAZAWAY & WHITE REAL ESTATE

## DDS OFFICE SITE PLANS

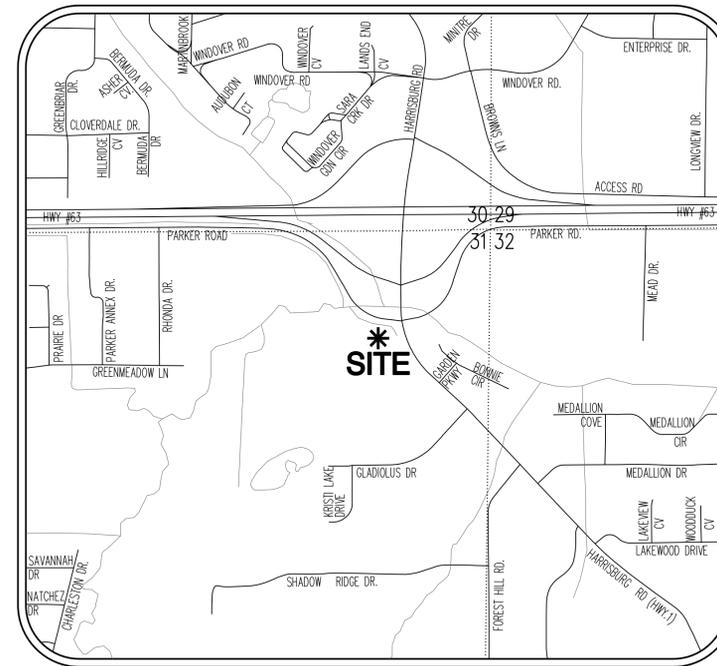
### 3206 ELMHURST DRIVE

### JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

**FISHER ARNOLD**  
ENGINEERING INTEGRATION  
1801 Latourette Drive | Jonesboro, Arkansas 72404  
870.932.2019 | Fax: 870.932.1076 | www.fisherarnold.com



ARKANSAS



VICINITY MAP  
(NOT TO SCALE)



LOCAL CONTACT INFORMATION		
CONTACT	ADDRESS	PHONE NUMBER
CITY OF JONESBORO ENGINEERING DEPARTMENT	307 VINE STREET JONESBORO, AR 72401	870-932-2438
CITY OF JONESBORO PLANNING AND ZONING	307 VINE STREET JONESBORO, AR 72401	870-932-0406
CITY, WATER & LIGHT	400 EAST MONROE JONESBORO, AR 72401	870-935-5581
AT&T	723 SOUTH CHURCH STREET JONESBORO, AR 72401	1-800-464-7928
RITTER COMMUNICATIONS	2109 FOWLER AVENUE JONESBORO, AR 72401	870-336-3400
SUDDENLINK COMMUNICATIONS	1520 SOUTH CARAWAY ROAD JONESBORO, AR 72401	870-935-3615
CENTER POINT ENERGY GAS	3013 OLD FEED HOUSE ROAD JONESBORO, AR 72401	870-972-6682

SHEET INDEX		
PAGE	DESCRIPTION	DATE
C1	COVER SHEET	8/15/2017
C2	EROSION CONTROL PLAN	8/15/2017
C3	SITE PLAN	8/15/2017
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C5	UTILITY PLAN	8/15/2017
C6	CONSTRUCTION DETAILS	8/15/2017



Know what's below.  
Call before you dig.

COVER SHEET

A PART OF LOT 1 OF WARBACK SUBDIVISION TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS



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



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Arkansas - 248

CLIENT:  
GAZAWAY

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REVISIONS		
DATE	BY	DESCRIPTION

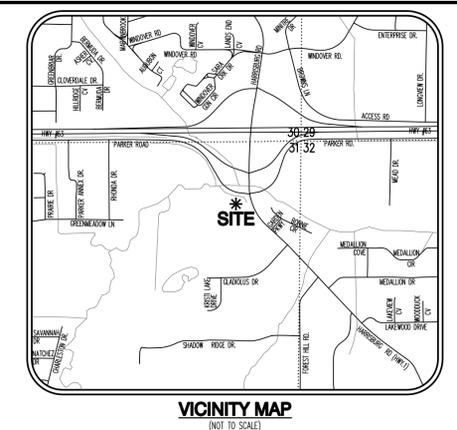
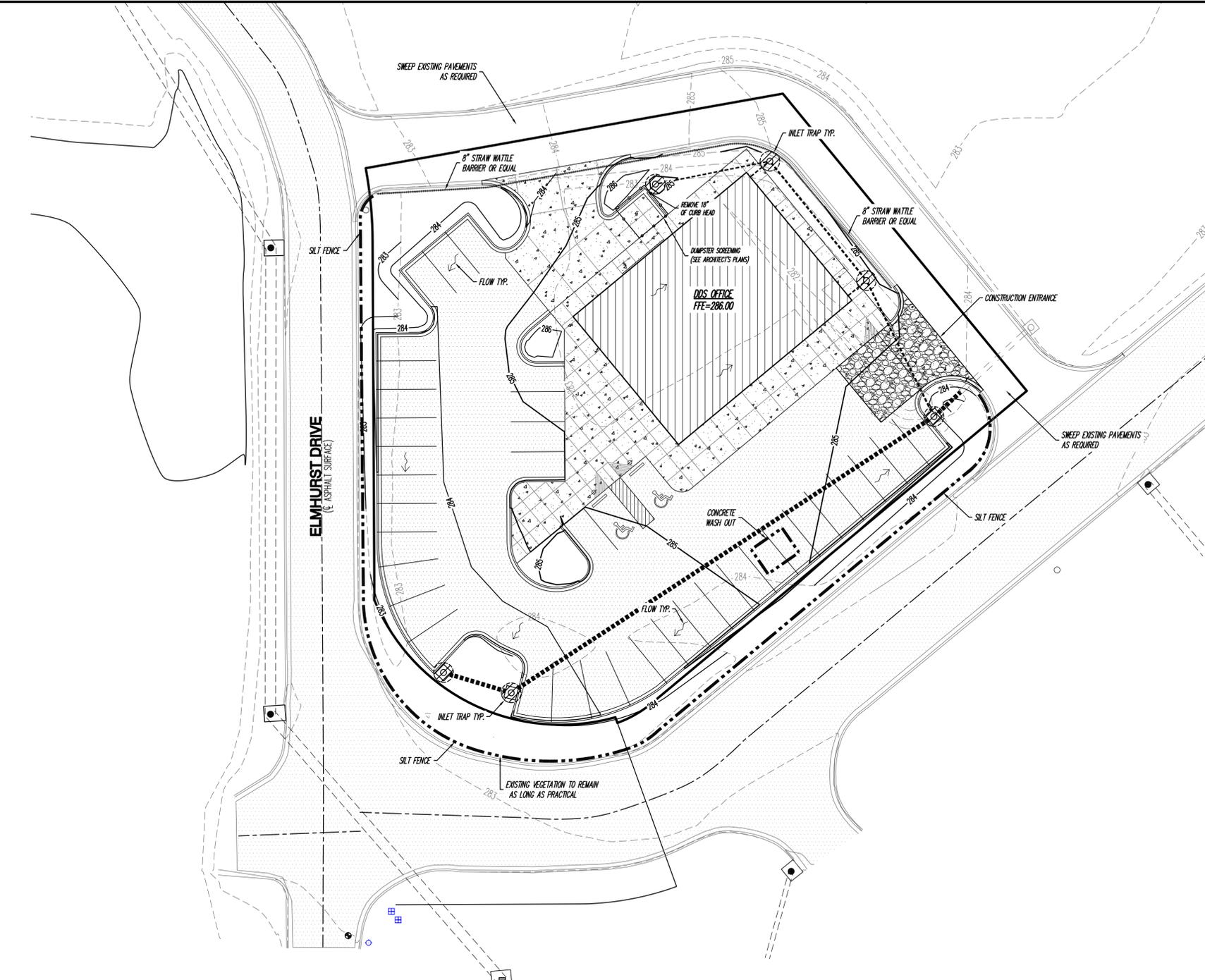
PROJECT NO.  
JB10479

DRAWN BY: DK CHECKED BY: JAB

SHEET: C1 SCALE: NTS

DATE: 8/15/2017 DRAWING NO.: 19-36

COVER SHEET



**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**

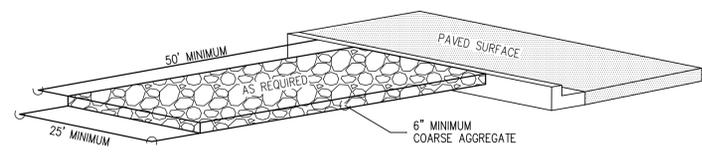
1. DESCRIPTION: STRAW OR HAY EROSION BALES MAY BE USED AS FILTERS ALONG THE TOE OF FILL SLOPES, AS EROSION CHECKS IN DITCHES, AND AS SEDIMENT TRAPS AT INLETS AND OUTLETS. STRAW BALES MAY BE PLACED BELOW FILL SLOPES TO PROTECT ROADS, AND AS ENERGY DISSIPATORS FOR HIGH VELOCITY RUNOFF.
2. CONSTRUCTION: 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, SEED, 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:**

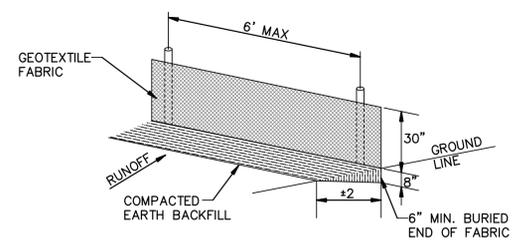
1. AN INSPECTION SHALL BE MADE EVERY 7 DAYS.
2. ALL OBSERVED DEFICIENCIES IN BEST MANAGEMENT PRACTICES (BMP'S) WILL BE RECORDED.
3. SEDIMENT SHALL BE REMOVED BEHIND SILT FENCING OR STRAW BALES ONCE SEDIMENT REACHES 1/3 THE HEIGHT OF THE SILT FENCE OR STRAW BALES.

**QUANTITY NOTES:**

1. SILT FENCE = 430 L.F.
2. 8" STRAW WATTLE OR EQUAL = 195 L.F.
3. E.A. INLET TRAPS = 6

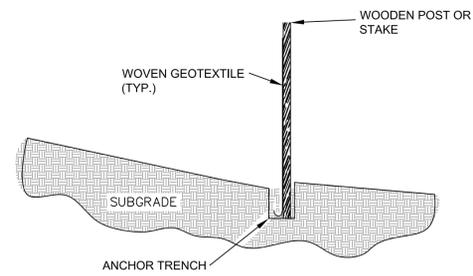


**CONSTRUCTION ENTRANCE DETAIL**  
N.T.S.

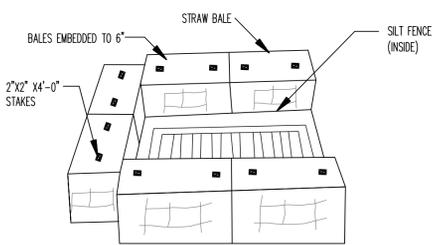


**SILT FENCE NOTES:**  
GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST, OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.

**SILT FENCE DETAIL**  
N.T.S.

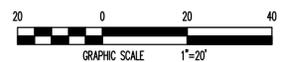


**NOTES:**  
1. GEOTEXTILE ANCHORED IN TRENCH A MINIMUM OF 15 CM (6 IN). TRENCH BACKFILLED WITH TAMPED NATURAL SOIL.  
2. DEPENDING UPON CONFIGURATION, ATTACH GEOTEXTILE TO STEEL POST WITH TIRES OR WOOD POSTS WITH STAPLES.



**NOTES:**  
1. INSTALL SILT FENCE AFTER CONSTRUCTION OF INLET ACCORDING TO TYPICAL SILT FENCE DETAIL.  
2. INSTALL STRAW BALES OUTSIDE OF SILT FENCE ACCORDING TO THE TYPICAL STRAW BALE DETAIL.

**INLET TRAP DETAILS**  
N.T.S.



**EROSION CONTROL PLAN**

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ENGINEERING INTEGRATION  
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870.932.2019 | Fax: 870.932.1076 | www.fisherarnold.com

**EROSION CONTROL PLAN**

A PART OF LOT 1 OF WARBACK SUBDIVISION TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS



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



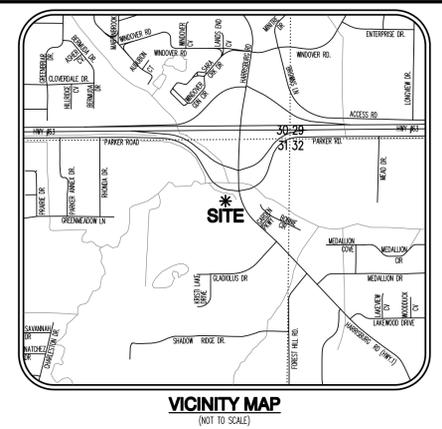
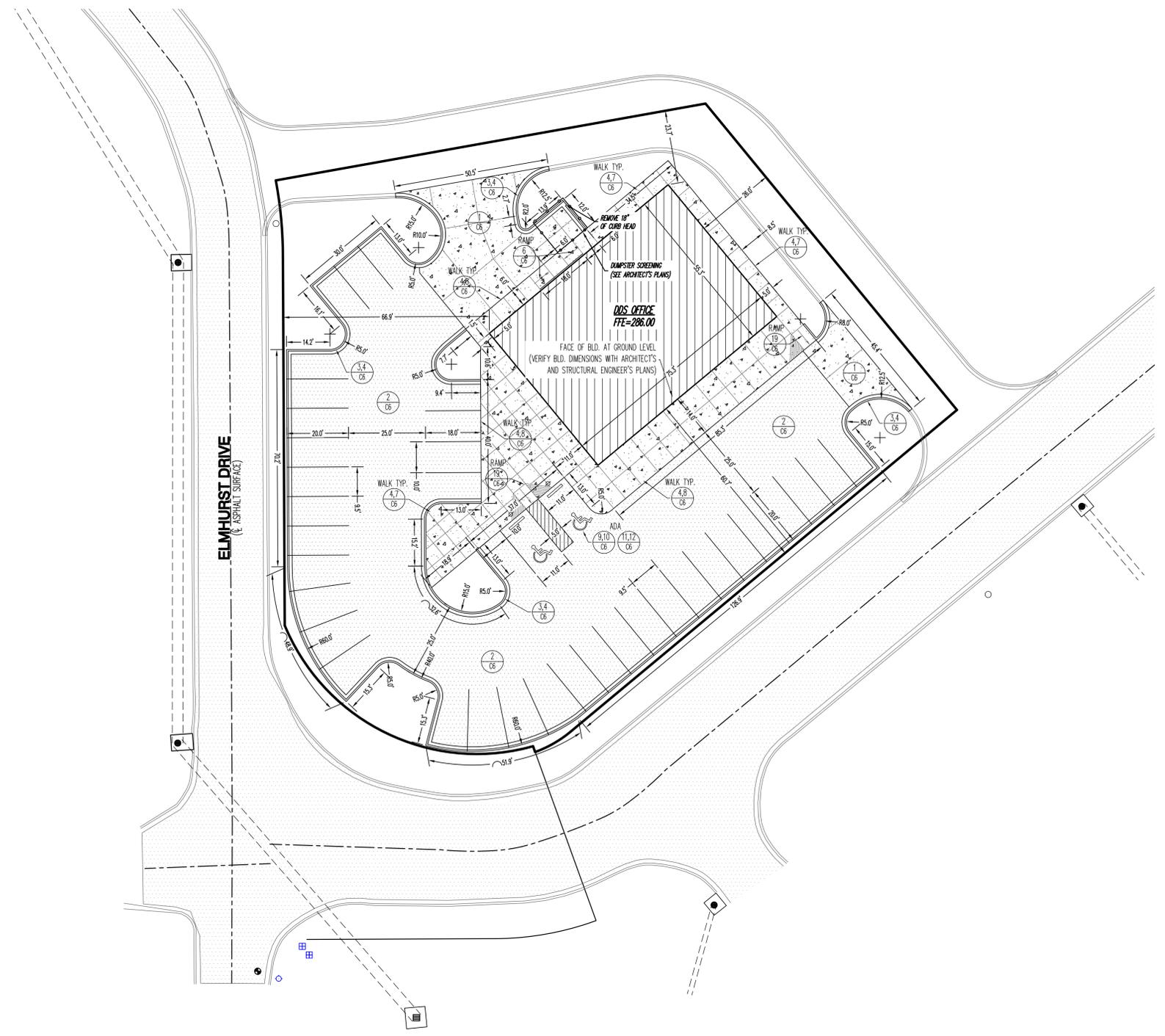
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REVISIONS		
DATE	BY	DESCRIPTION

PROJECT NO:  
JB10479

DRAWN BY DK	CHECKED BY JAB
SHEET C2	SCALE 1"=20'
DATE 8/15/2017	DRAWING NO. 19-36



BASS OF BEARING- ARKANSAS STATE PLANE GRID NORTH ZONE (030)

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**SITE PLAN**

A PART OF LOT 1 OF WARWACK SUBDIVISION TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

**ENGINEERING NOTES:**

1. AFTER SITE STRIPPING, THE SUBGRADE WILL BE SCARIFIED, MOISTURE CONDITIONED, & RECOMPACTED. THE PROJECT AREA WILL BE PROOF-ROLLED IN ORDER TO IDENTIFY SOFT SOILS BEFORE FILL MATERIALS ARE PLACED.
2. ALL SOIL FILL (PI 5-20) SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR.
3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ADEQUATE EROSION/SEDIMENTATION CONTROL DURING ALL PHASES OF CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR KEEPING MUD AND DEBRIS OFF CITY STREETS AND OFF OF PAVED DRIVEWAYS WHERE APPLICABLE. CLEAN UP IS REQUIRED DAILY.
5. CONTRACTOR IS RESPONSIBLE FOR THE REPLACEMENT OF SIDEWALK, CURB AND GUTTER AND/OR ASPHALT/CONCRETE DAMAGED DURING CONSTRUCTION.
6. DEVIATION FROM ENGINEERING DESIGN PLANS IS NOT PERMITTED. ANY CHANGE IN THE CONSTRUCTION DOCUMENTS THAT ARE NOT APPROVED BY THE ENGINEER WILL RESULT IN CONSTRUCTION TERMINATION UNTIL A RESOLUTION IS MET. MODIFICATION NEEDED TO UPDATE DESIGN PLANS WILL RESULT IN DESIGN EXPENSES FOR THE CONTRACTOR.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER/DEVELOPER OF ANY INFORMATION FOUND IN THE FIELD THAT IS DIFFERENT FROM WHAT IS SHOWN ON THESE DESIGN PLANS.
8. ALL DISTURBED AREAS ARE TO BE STABILIZED WITH GRASS UPON COMPLETION OF EARTHWORK (SEE SPECIFICATION).
9. CONTRACTOR IS RESPONSIBLE FOR ALL CITY, STATE, OR FEDERAL PERMIT FEES ASSOCIATED WITH CONSTRUCTION.



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



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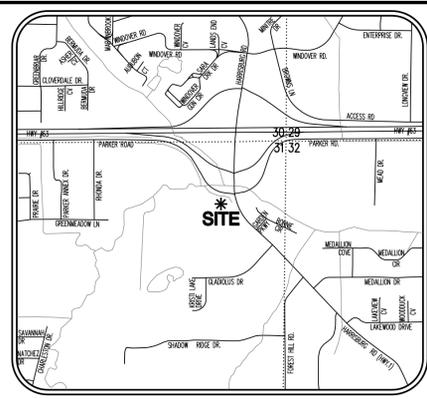
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REVISIONS	
DATE	DESCRIPTION

PROJECT NO.  
JB10479

DRAWN BY DK	CHECKED BY JAB
SHEET C3	SCALE 1"=20'
DATE 8/15/2017	DRAWING NO. 19-36

**SITE PLAN**



BASE OF BEARING: ARKANSAS STATE PLANE GRID NORTH ZONE (0301)

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870.932.2019 | Fax: 870.932.1076 | www.fisherarnold.com

# GRADING & DRAINAGE PLAN

A PART OF LOT 1 OF WARWACK SUBDIVISION TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

### ENGINEERING NOTES:

- AFTER SITE STRIPPING, THE SUBGRADE WILL BE SCARIFIED, MOISTURE CONDITIONED, & RECOMPACTED. THE PROJECT AREA WILL BE PROOF-ROLLED IN ORDER TO IDENTIFY SOFT SOILS BEFORE FILL MATERIALS ARE PLACED.
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- CONTRACTOR IS RESPONSIBLE FOR ALL CITY, STATE, OR FEDERAL PERMIT FEES ASSOCIATED WITH CONSTRUCTION.

### STRUCTURE SCHEDULE

STRUCTURE NAME	STRUCTURE TYPE	INVERT ELEV.	RIM ELEV.	MANUFACTURER DESCRIPTION
C1	CURB INLET	279.98	283.43	4'x4' CURB INLET BOX
C2	CURB INLET	279.88	283.88	4'x4' CURB INLET BOX
C3	CURB INLET	278.63	284.77	4'x4' CURB INLET BOX
D1	DRAIN BASIN	282.22	284.72	15" NYLOPLAST BASIN DRAIN W/ STANDARD GRATE
D2	DRAIN BASIN	282.04	285.50	15" NYLOPLAST BASIN DRAIN W/ STANDARD GRATE
D3	DRAIN BASIN	281.79	285.50	15" NYLOPLAST BASIN DRAIN W/ STANDARD GRATE



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



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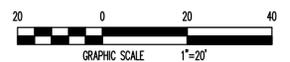
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DATE	BY	DESCRIPTION

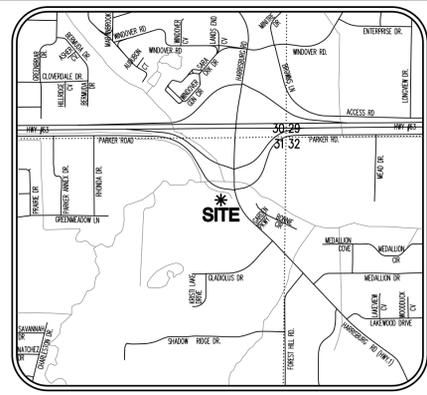
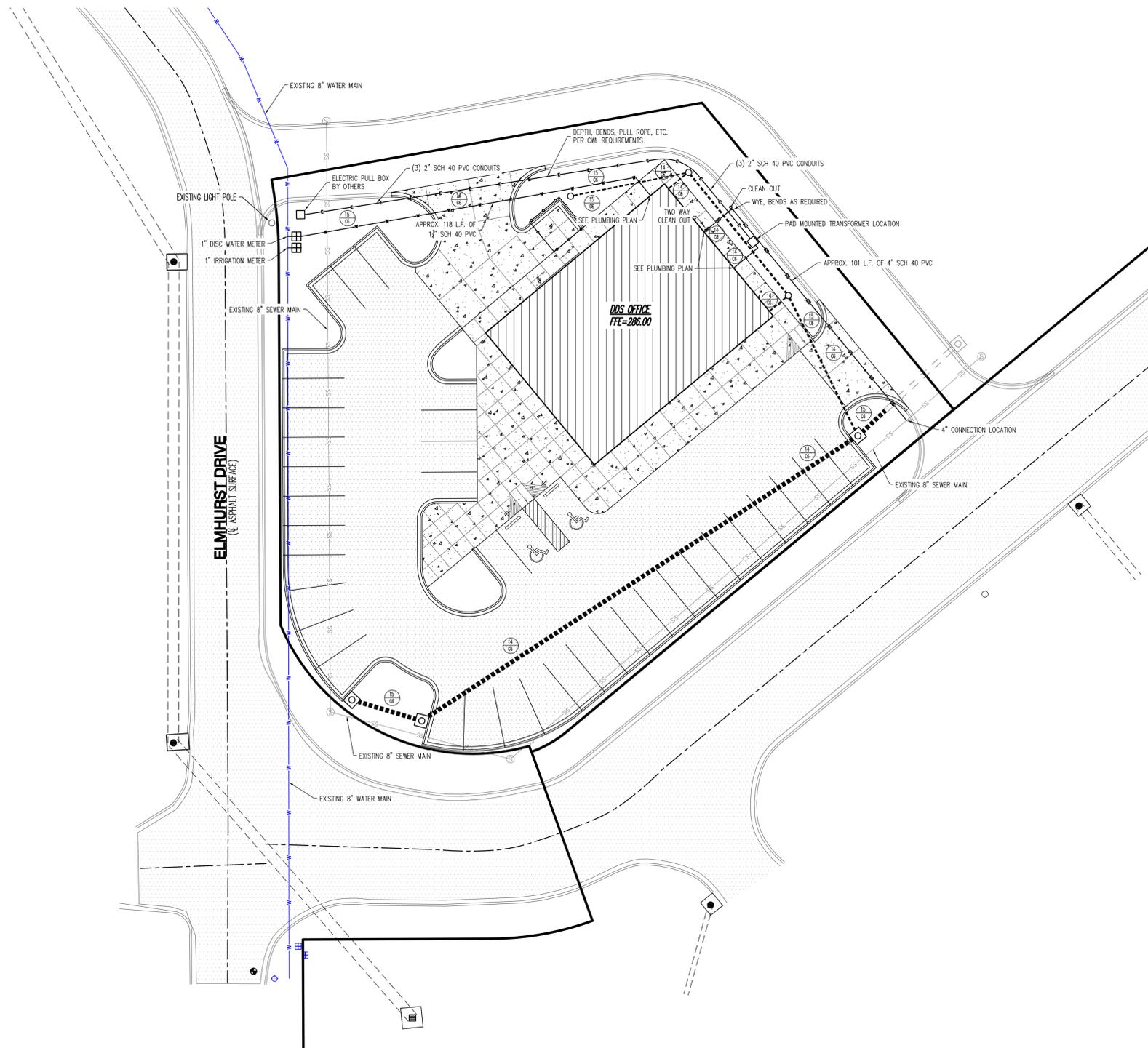
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JB10479

DRAWN BY: DK  
CHECKED BY: JAB

SHEET: C4  
SCALE: 1"=20'  
DATE: 8/15/2017  
DRAWING NO.: 19-36



# GRADING & DRAINAGE PLAN



VICINITY MAP  
(NOT TO SCALE)

BASE OF BEARING: ARKANSAS STATE PLANE GRID NORTH ZONE (0301)

- UTILITY PROVIDERS:**
- WATER, SEWER & ELECTRIC:**  
 CITY WATER & LIGHT  
 400 EAST MONROE STREET  
 JONESBORO AR, 72401  
 (870)-935-5881
- NATURAL GAS:**  
 CENTERPOINT ENERGY  
 3013 OLD FEED HOUSE ROAD  
 JONESBORO AR, 72404  
 (870)-932-2871
- TELECOMMUNICATIONS:**  
 AT&T  
 723 SOUTH CHURCH STREET  
 JONESBORO AR, 72401  
 (800)-499-7928
- BITTER COMMUNICATIONS  
 2400 RITTER DRIVE  
 JONESBORO AR, 72401
- SUDENLINK COMMUNICATIONS  
 1520 SOUTH CARAWAY ROAD  
 JONESBORO AR, 72401

- ENGINEERING NOTES:**
- AFTER SITE STRIPPING, THE SUBGRADE WILL BE SCARIFIED, MOISTURE CONDITIONED, & RECOMPACTED. THE PROJECT AREA WILL BE PROOF-ROLLED IN ORDER TO IDENTIFY SOFT SOILS BEFORE FILL MATERIALS ARE PLACED.
  - ALL SOIL FILL (PI 5-20) SHALL BE PLACED IN 8" MAXIMUM LIFTS AND COMPACTED TO 95% MODIFIED PROCTOR.
  - CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ADEQUATE EROSION/SEDIMENTATION CONTROL DURING ALL PHASES OF CONSTRUCTION.
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  - DEVIATION FROM ENGINEERING DESIGN PLANS IS NOT PERMITTED. ANY CHANGE IN THE CONSTRUCTION DOCUMENTS THAT ARE NOT APPROVED BY THE ENGINEER WILL RESULT IN CONSTRUCTION TERMINATION UNTIL A RESOLUTION IS MET. MODIFICATION NEEDED TO UPDATE DESIGN PLANS WILL RESULT IN DESIGN EXPENSES FOR THE CONTRACTOR.
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UTILITY PLAN

A PART OF LOT 1 OF WARWACK SUBDIVISION TO THE CITY OF JONESBORO, CRAIGHEAD COUNTY, ARKANSAS



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



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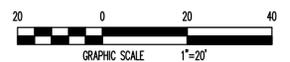
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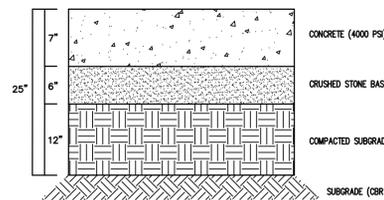
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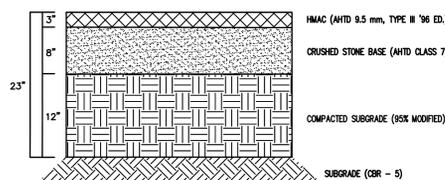
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 DRAWING NO.: 19-36



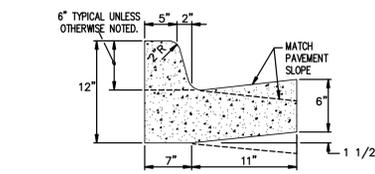
UTILITY PLAN



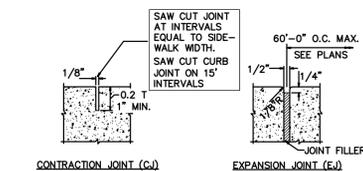
1 HEAVY DUTY CONCRETE PAVING  
N.T.S.



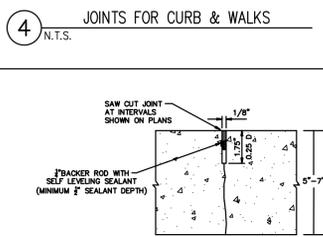
2 MEDIUM DUTY ASPHALT PAVING  
N.T.S.



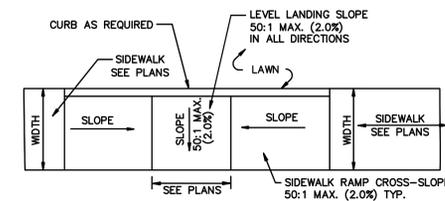
3 BARRIER TYPE CURB & GUTTER  
N.T.S.



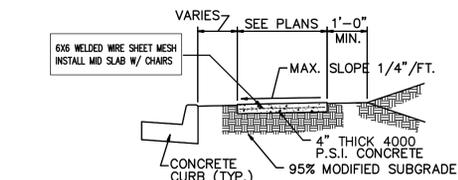
4 JOINTS FOR CURB & WALKS  
N.T.S.



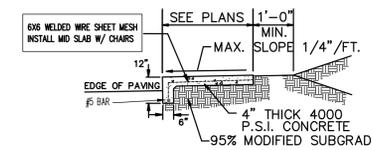
5 CONTRACTION JOINT (CJ) CONCRETE PAVING DETAIL  
N.T.S.



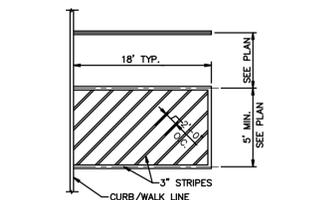
6 SIDEWALK RAMP DETAIL  
N.T.S.



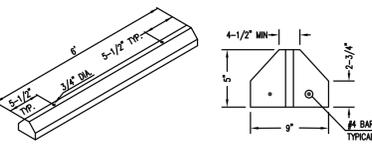
7 4" SIDEWALK CROSS SECTION  
N.T.S.



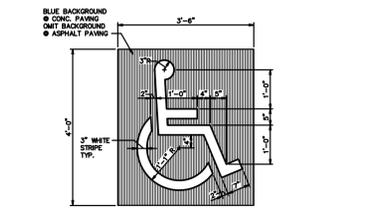
8 4" SIDEWALK CROSS SECTION  
N.T.S.



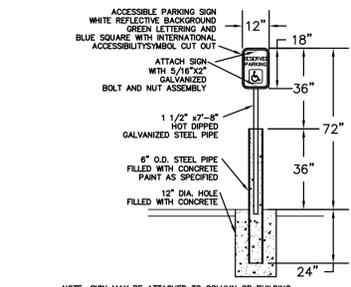
9 TYPICAL STRIPING DETAIL  
N.T.S.



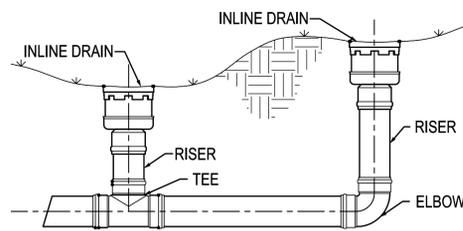
10 WHEEL STOP DETAIL  
N.T.S.



11 PARKING STALL SYMBOL  
N.T.S.

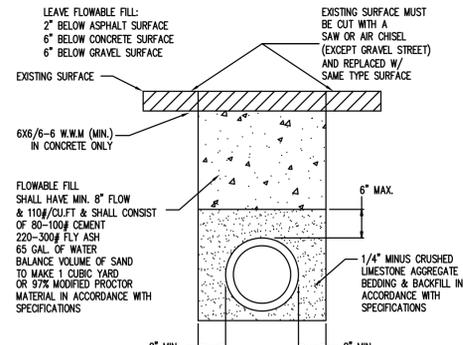


12 ACCESSIBLE SIGN DETAIL  
N.T.S.

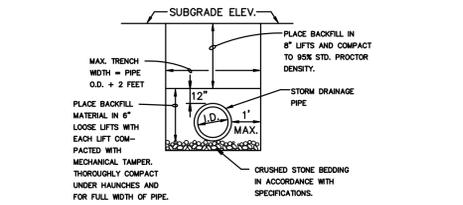


13 TYPICAL INLINE DRAIN INSTALLATION  
N.T.S.

NOTE:  
(1) EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR  
(2) THIS REPAIR DETAIL IS REQUIRED FOR ALL EXCAVATION WITHIN 5' OF PAVED EDGE AND ALL TRANSVERSE EXCAVATIONS TO EXTEND 3' BEYOND PAVED EDGE.

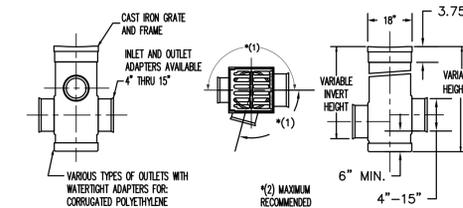


14 PIPE TRENCH DETAIL AT EXISTING STREET OR PROPOSED PAVING  
N.T.S.

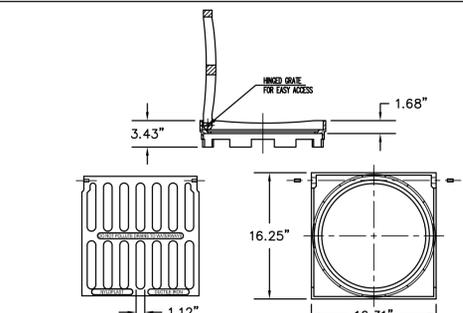


15 DRAINAGE/SEWER PIPE TRENCH DETAIL AT LAWN/LANDSCAPE AREAS  
N.T.S.

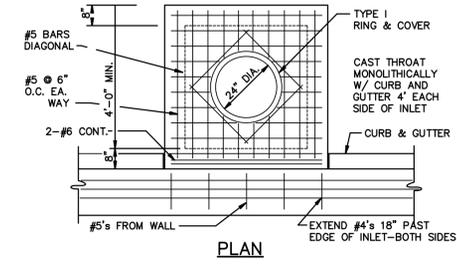
(1) ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 359°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.



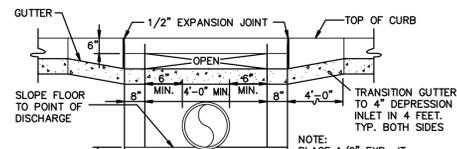
16 TYPICAL 15" NYLOPLAST DRAIN BASIN  
N.T.S.



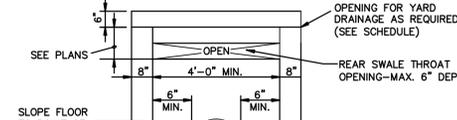
17 TYPICAL 15" STANDARD NYLOPLAST GATE  
N.T.S.



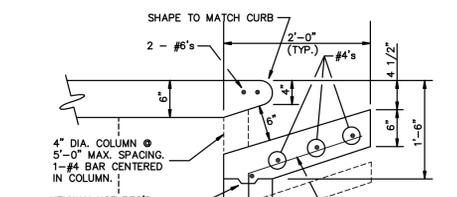
PLAN



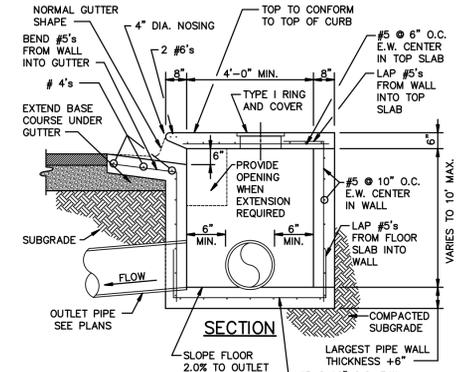
FRONT ELEVATION



REAR ELEVATION

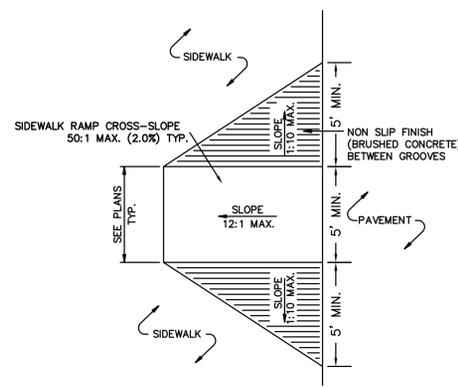


SECTION - CURB OPENING

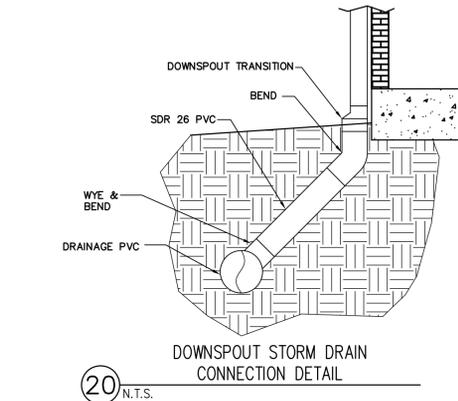


SECTION

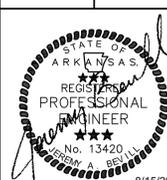
18 TYPICAL CURB INLET  
N.T.S.



19 ACCESS RAMP DETAIL  
N.T.S.



20 DOWNSPOUT STORM DRAIN CONNECTION DETAIL  
N.T.S.



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



FISHER & ARNOLD, INC.  
Arkansas - 248

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REVISIONS

DATE BY DESCRIPTION

PROJECT NO.  
JB10479

DRAWN BY DK CHECKED BY JAB

SHEET C6 SCALE NTS

DATE 8/15/2017 DRAWING NO. 19-36