

COMMERCIAL SITE DEVELOPMENT PLANS

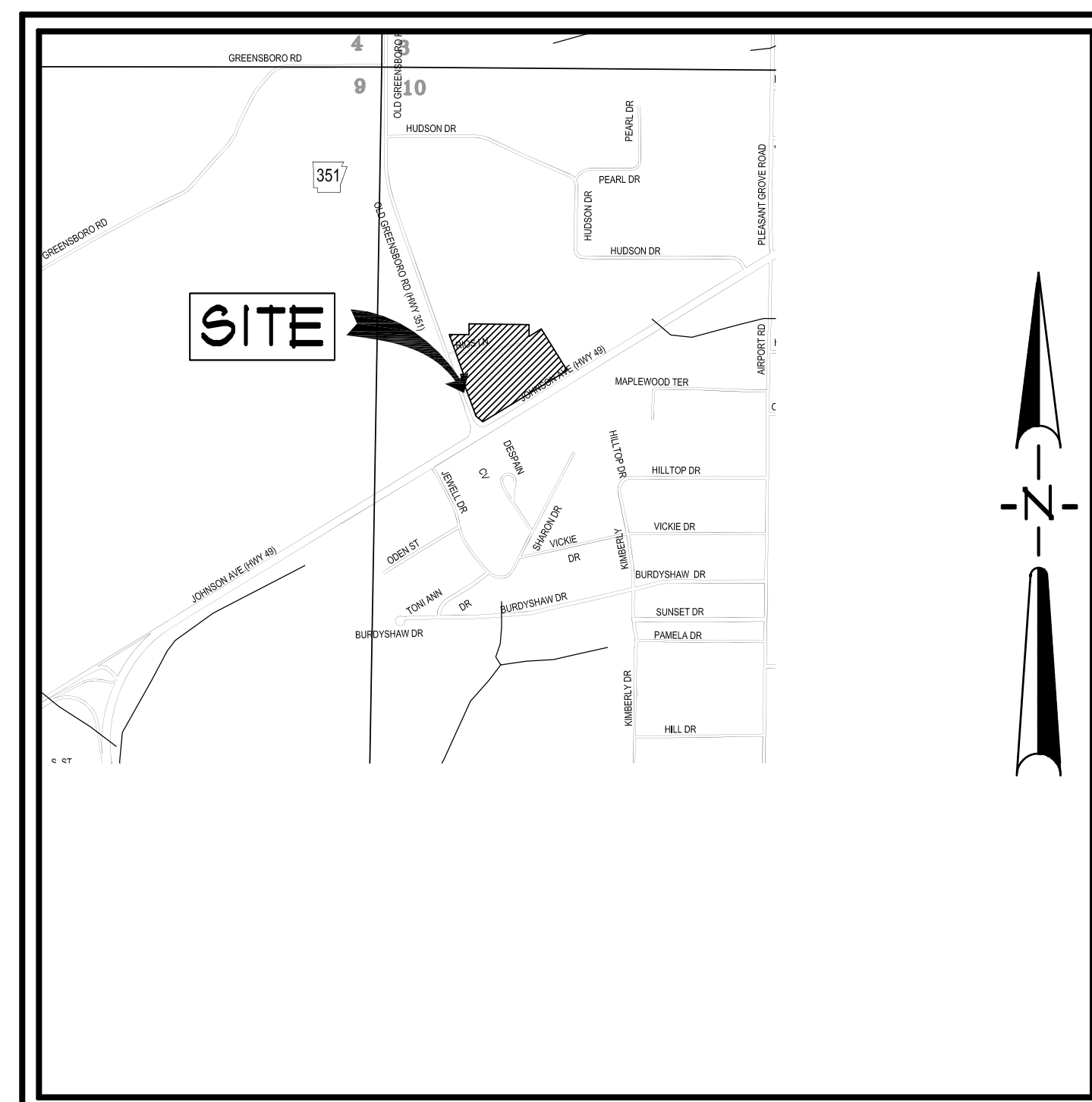
# FIRST NATIONAL BANK

3500 EAST JOHNSON AVENUE

PREPARED FOR  
FIRST NATIONAL BANK

JONESBORO, ARKANSAS  
JUNE, 2016

Sidewalks Required



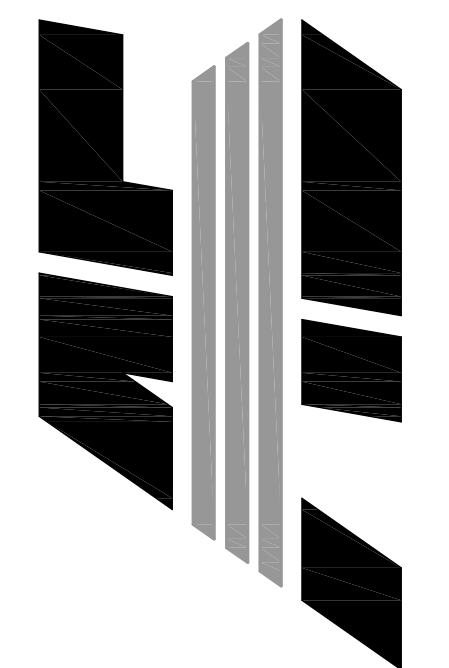
VICINITY MAP  
SCALE: 1" = 1,000'

## INDEX TO SHEETS

|      |                               |
|------|-------------------------------|
| C001 | INDEX SHEET                   |
| C002 | GENERAL NOTES                 |
| C003 | BOUNDARY & TOPOGRAPHIC SURVEY |
| C004 | SITE PLAN                     |
| C005 | DEMOLITION PLAN               |
| C006 | UTILITY PLAN                  |
| C007 | GRADING PLAN                  |
| C008 | EROSION CONTROL PLAN          |
| C009 | LANDSCAPE PLAN                |
| C010 | STANDARD DETAILS              |
| C011 | STANDARD DETAILS              |
| C012 | EROSION CONTROL DETAILS       |

FIRST NATIONAL BANK  
3500 EAST JOHNSON AVENUE  
HWY. 49 & HWY. 351  
JONESBORO, ARKANSAS

ASSOCIATED  
ENGINEERING, LLC  
CIVIL ENGINEERING • LAND SURVEYING  
LAND PLANNING  
103 SOUTH CHURCH STREET • P.O. BOX 1462  
JONESBORO, AR 72403  
PH: 870-932-3594 • FAX: 870-935-1263



| NO. | DESCRIPTION   | DATE     |
|-----|---------------|----------|
| 1   | ADEQ COMMENTS | 07/13/16 |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |
|     |               |          |

## INDEX SHEET

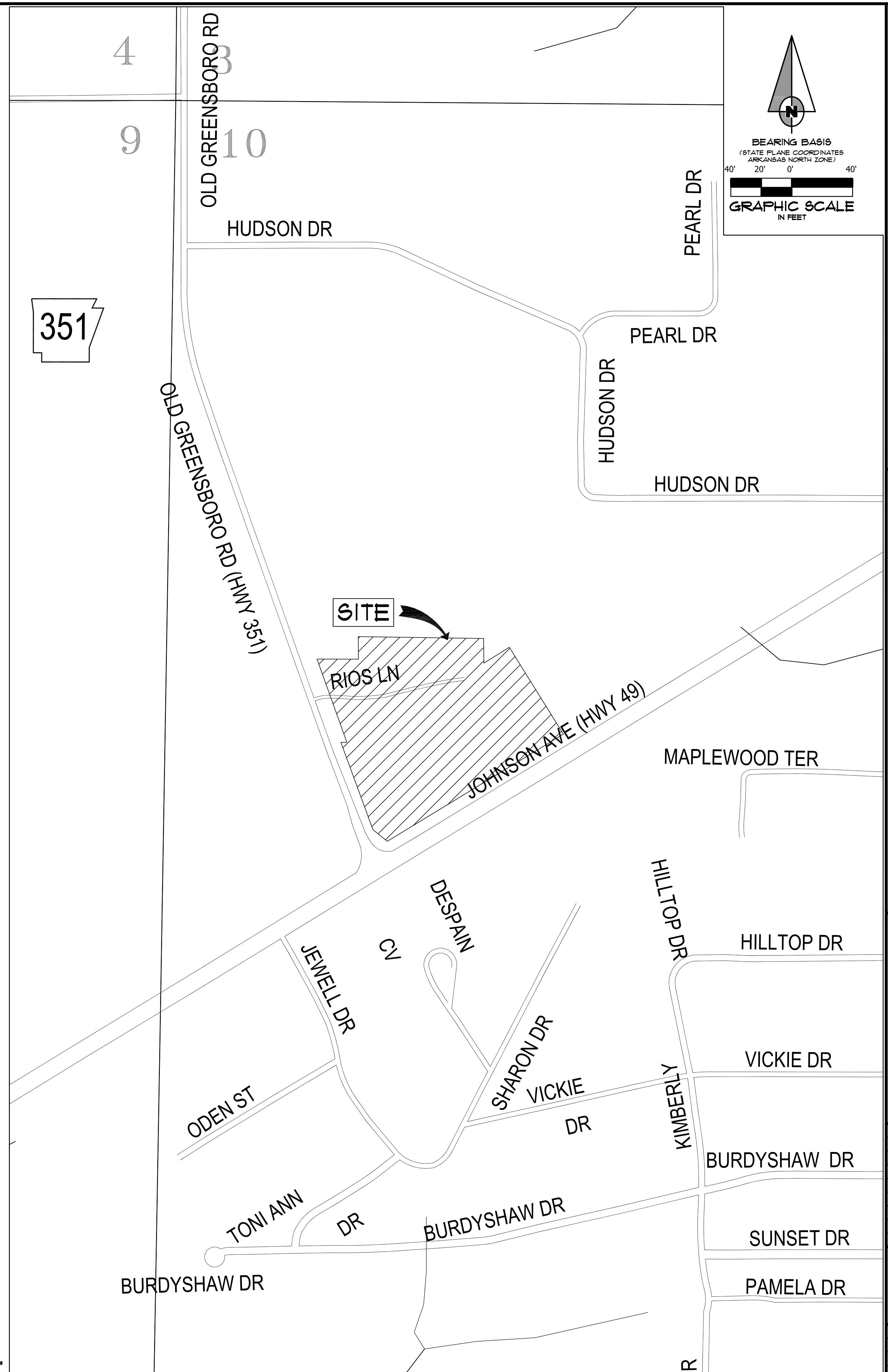
|            |              |          |     |
|------------|--------------|----------|-----|
| DATE:      | 06/27/16     | DRAWN:   | COH |
| CADD FILE: | 15165-SDP    | CHECKED: | JME |
| DWG#:      | 0414104.000X | SHEET    |     |
| SCALE:     | 1" = 40'     | C001     |     |

1. CITY OF JONESBORO - PLANNING AND ZONING  
OTTIS SPRIGGS, CITY PLANNER  
307 VINE STREET  
JONESBORO, OR 72401  
870-932-0406
2. CITY OF JONESBORO - ENGINEERING  
CRAIG LIGHT, P.E.  
CITY ENGINEER  
307 VINE STREET  
JONESBORO, OR 72401  
870-932-2438
3. CODES DEPT. FIRE MARSHALL  
CRAIG DAVENPORT  
3215 E. JOHNSON AVE.  
JONESBORO, OR 72401  
870-932-2428
4. CITY WATER AND LIGHT - ENGINEERING  
JANE RICE, P.E., S.E., MANAGER  
400 EAST MONROE, P.O. BOX 1289  
JONESBORO, OR 72403  
870-935-5581, FAX: 870-930-3303  
SUSAN BRUBETH - ACTING ENGINEERING SERVICES DIRECTOR  
870-930-3320
5. CENTERPOINT ENERGY  
KEITH CRAIG - SERVICE TECHNICIAN  
3013 OLD FEEDHOUSE ROAD  
JONESBORO, OR 72404  
CELL: 870-897-3750
6. AT&T  
723 CHURCH, ROOM B 27  
JONESBORO, OR 72403  
PHIL FARLEY - AREA MANAGER INSTALLATION & REPAIR  
870-972-7827, FAX: 870-972-7610  
TOMMY GRAY - AREA MANAGER ENGINEERING DESIGN  
870-972-7587, FAX: 870-972-7533
7. SUDDEN LINK - CABLE TV  
1520 SOUTH GARWAY ROAD  
JONESBORO, OR 72401  
BOB PROCK - CONSTRUCTION MANAGER  
870-933-8429 EXT: 212, FAX: 870-972-8141  
DEANNA HORNBACK - MANAGER  
JIMMY YANCY - FIELD MANAGER  
CELL: 870-219-8583

1. SUBJECT PROPERTY IS LOCATED WITHIN ZONE "X", AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOOD PLAIN, AS DESIGNATED BY FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR THE CITY OF JONESBORO, COMMUNITY PANEL #5031C0044C (PANEL 44 OF 200). EFFECTIVE DATE - SEPTEMBER 27, 1991.
2. SCREENING AND BUFFERING ARE AS SHOWN.
3. EASEMENTS ARE AS SHOWN.
4. NO KNOWN HISTORICAL STRUCTURES ARE LOCATED ON SUBJECT PROPERTY.
5. DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

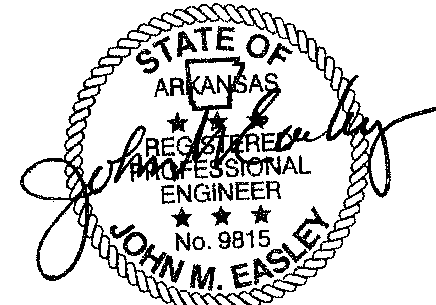
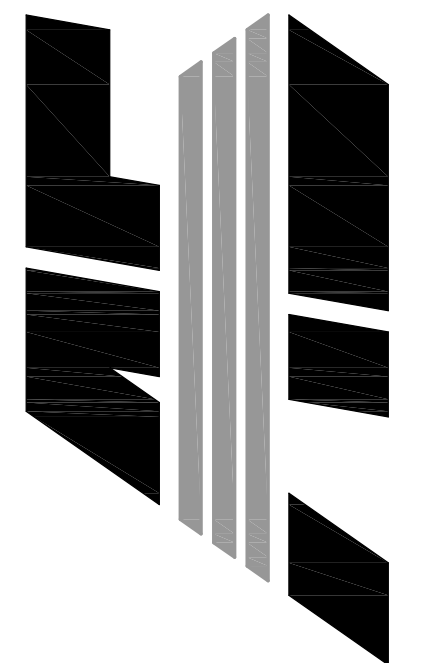
1. ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF AND REFER TO MSL DATUM.
2. BENCHMARK #1 IS CHISELED SQUARE IN TOP OF 36" RCP LOCATED APPROXIMATELY 9 FEET SOUTH AND 176 FEET EAST OF THE SOUTHEAST CORNER OF SUBJECT PROPERTY.  
ELEV. = 765.94 (NAVD 88).  
BENCHMARK #2 IS CHISELED SQUARE IN CENTER OF INLET ON THE EAST SIDE OF MACLELLAN DRIVE LOCATED APPROXIMATELY 278 FEET NORTH AND 10 FEET EAST OF THE SOUTHWEST CORNER OF SUBJECT PROPERTY.  
ELEV. = 274.76 (NAVD 88)

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> <li>BOUNDARY LINE</li> <li>LOT LINES</li> <li>FOUND IRON PIPE</li> <li>FOUND COTTON-PICKER SPINDLE</li> <li>FOUND REBAR</li> <li>FOUND IRON PIPE W/ FL6 XXXX CAP</li> <li>CITY OF JONESBORO G.P.S. MONUMENT</li> <li>BENCH MARK</li> <li>R/W MONUMENT</li> <li>SET 1 1/4" IRON PIPE W/ FL6 #549 CAP</li> <li>EXISTING SANITARY SEWER LINE</li> <li>PROPOSED SANITARY SEWER LINE</li> <li>EXISTING SANITARY SEWER MANHOLE</li> <li>PROPOSED SANITARY SEWER MANHOLE</li> <li>EXISTING SANITARY SEWER CLEANOUT</li> <li>PROPOSED SANITARY SEWER CLEANOUT</li> <li>PROPOSED SANITARY SEWER SERVICE LINE</li> <li>EXISTING WATER LINE</li> <li>PROPOSED WATER LINE</li> <li>EXISTING WATER METER</li> <li>PROPOSED WATER METER</li> <li>WATER VALVE</li> </ul> |
|  | <ul style="list-style-type: none"> <li>FIRE HYDRANT</li> <li>VALVE BOX</li> <li>FIRE PROTECTION</li> <li>EXISTING OVERHEAD ELECTRICAL LINE</li> <li>EXISTING UNDERGROUND ELECTRICAL LINE</li> <li>ELECTRIC TRANSFORMER/ELECTRIC METER</li> <li>POWER POLE</li> <li>POWER JUNCTION, COMM. BOX</li> <li>SIGN LIGHTS/FLOOR LIGHTS</li> <li>LIGHT POLE (SINGLE))</li> <li>LIGHT POLE (BACK-BACK)</li> <li>LIGHT POLE (3 @ 90°)</li> <li>TRAFFIC SIGN</li> <li>TRAFFIC SIGNAL</li> <li>TRAFFIC LIGHT CONTROL</li> <li>TRAFFIC SIGNAL W/ POLE</li> <li>EXISTING OVERHEAD COMMUNICATION LINE</li> <li>EXISTING UNDERGROUND COMMUNICATION LINE</li> <li>TELEPHONE PEDESTAL</li> <li>EXISTING GAS LINE</li> <li>GAS METER</li> <li>EXISTING STORMY WATER MAN-HOLE</li> </ul>                          |
|  | <ul style="list-style-type: none"> <li>GRAATED INLET</li> <li>DOWNSPOUT</li> <li>SPRINKLER CONTROL</li> <li>MAILBOX</li> <li>TRASH COMPACTOR</li> <li>COLUMN</li> <li>BOLLARD</li> <li>HAND/CAP SIGN</li> <li>EXISTING FENCE LINE</li> <li>EXISTING GROUND CONTOUR</li> <li>FINISHED GROUND CONTOUR</li> <li>EXISTING TREE/SHRUB</li> <li>BASIN BOUNDARY</li> <li>DRAINAGE FLOW</li> <li>GENERAL DRAINAGE FLOW</li> <li>SWALE FLOW DIRECTION</li> <li>SILT FENCE</li> <li>ROCK CHECK DAM</li> <li>RIP RAP AREA</li> <li>INLET PROTECTION</li> <li>ROCK CHECK DAM</li> </ul>                                                                                                                                                                                                                  |



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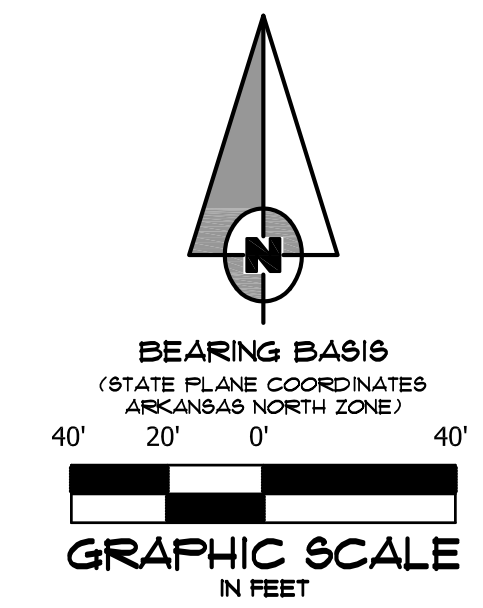
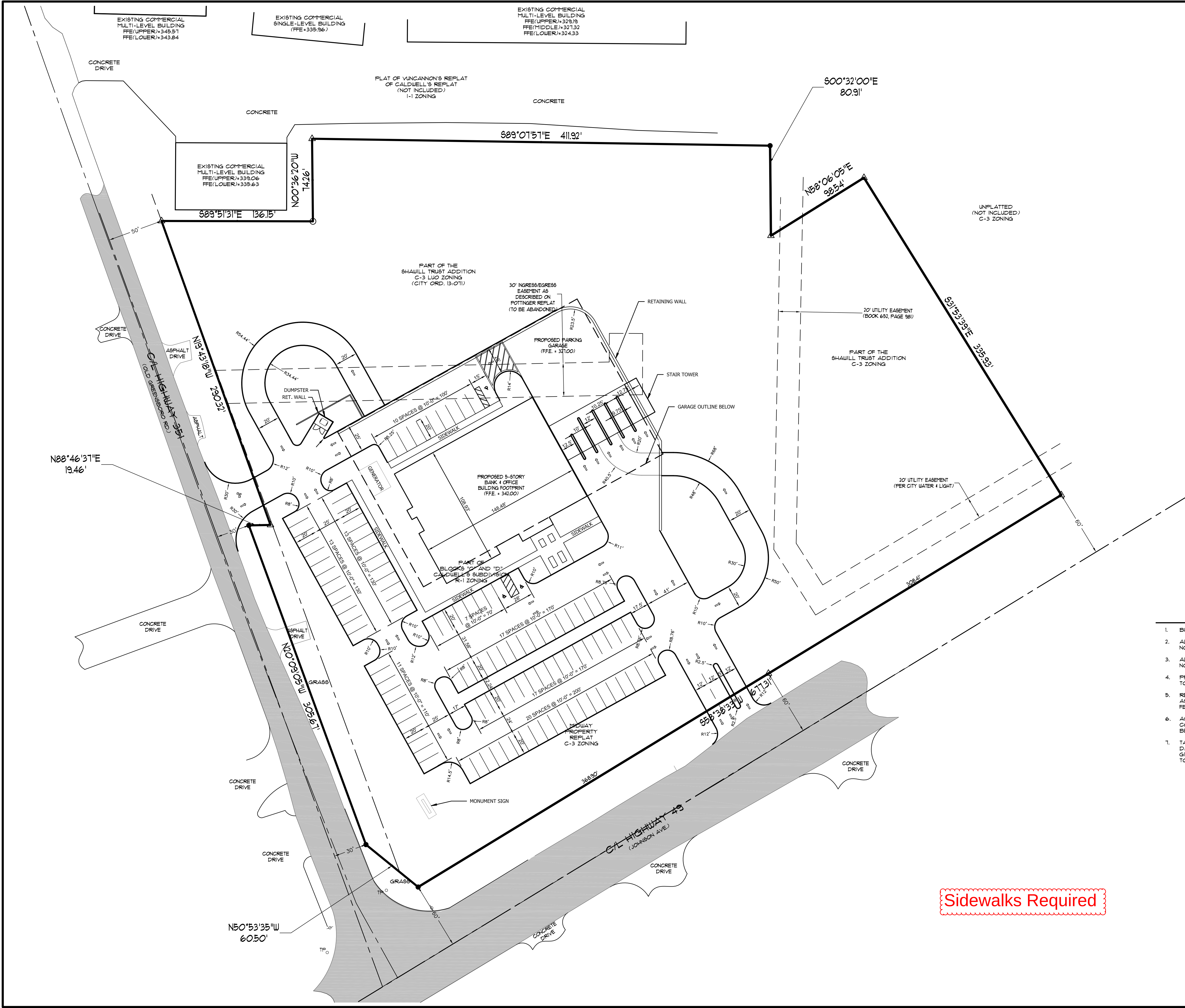


| NO. | DESCRIPTION   | DATE     |
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| 1   | ADEQ COMMENTS | 07/13/16 |
|     |               |          |
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## GENERAL NOTES

|                     |              |
|---------------------|--------------|
| DATE: 06/27/16      | DRAWN: CCH   |
| ADD FILE: 15165-SDP | CHECKED: JME |
| WGA: 0414104.00XX   | SHEET        |
| SCALE: 1" = 40'     | 6003         |





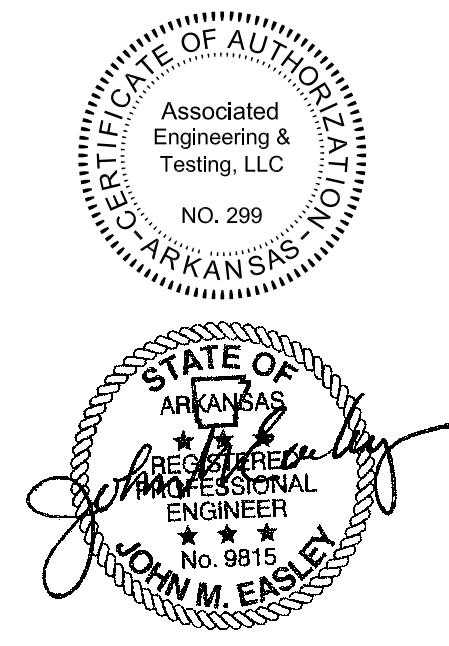
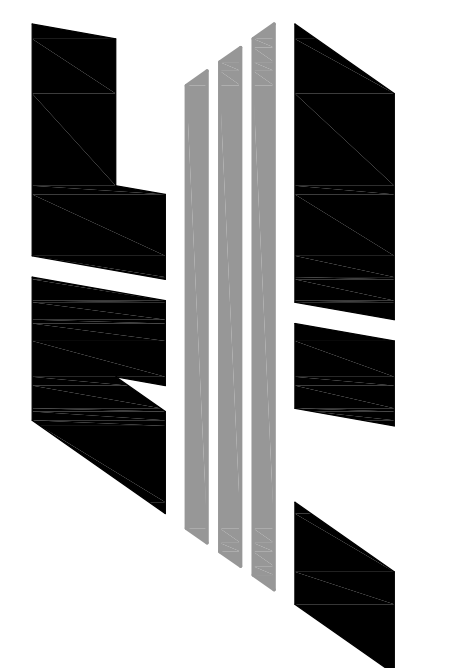
ENGINEER'S NOTES

1. BUILDING LAYOUT BASED ON ARCHITECT PLANS.
2. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
3. ALL CURB RETURN RADII SHALL BE 5' UNLESS OTHERWISE NOTED.
4. PROJECT SITE IS CURRENTLY BANK FACILITY. EXISTING BANK TO REMAIN IN OPERATION DURING CONSTRUCTION.
5. REMOVE AND DISPOSE OF ALL DEBRIS AND OTHER MATERIAL AS SHOWN IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS.
6. ACCESS ALONG ROADWAY SHALL BE MAINTAINED AT ALL TIMES. CONSTRUCTION IN CITY, COUNTY OR STATE RIGHT OF WAY SHALL BE COORDINATED WITH THE RESPECTIVE AUTHORITY.
7. TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES. THE CONTRACTOR SHALL GIVE AFFECTED PROPERTY OWNERS SUFFICIENT NOTICE PRIOR TO CONSTRUCTION OPERATIONS.

Sidewalks Required

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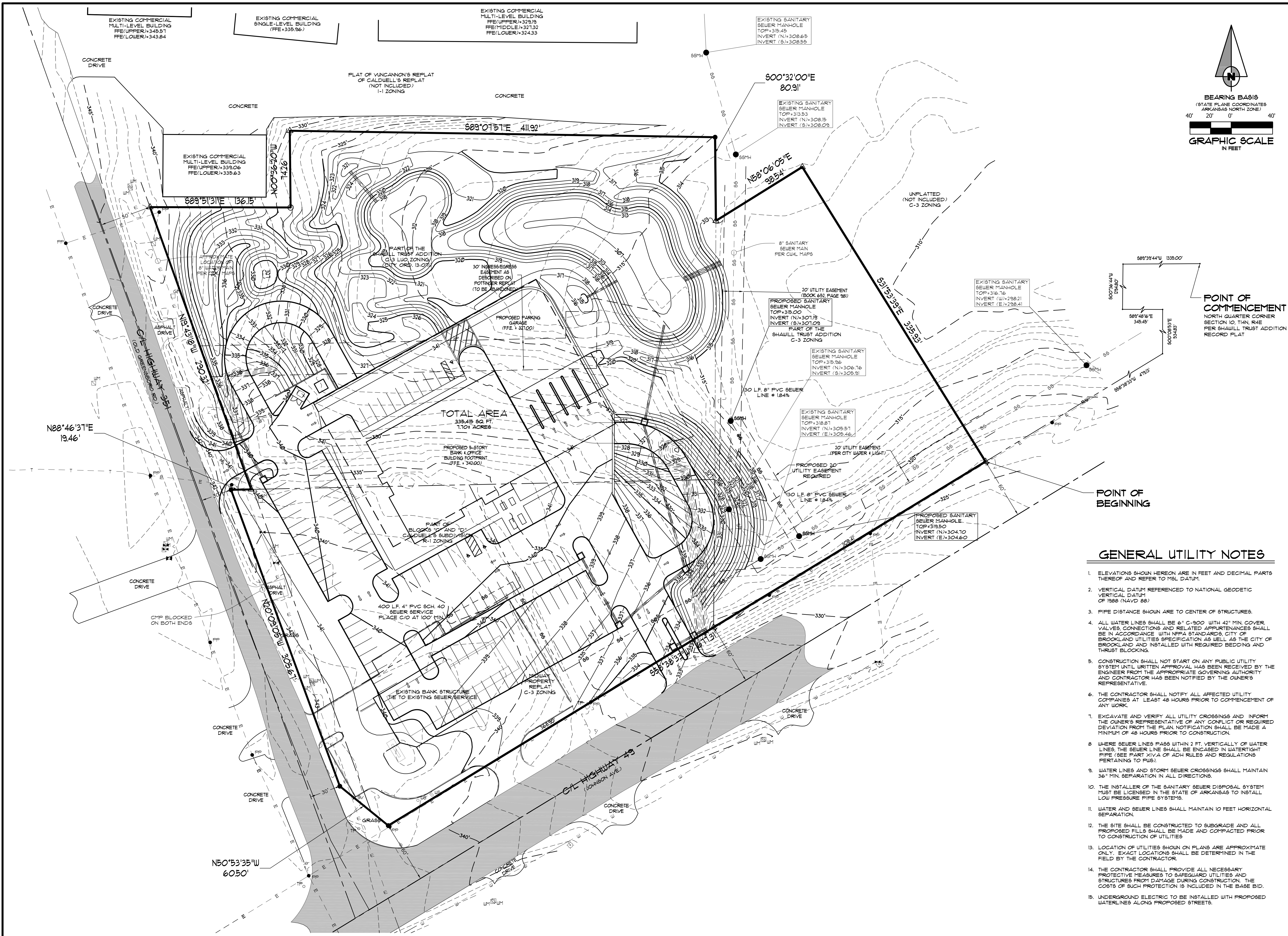
ASSOCIATED  
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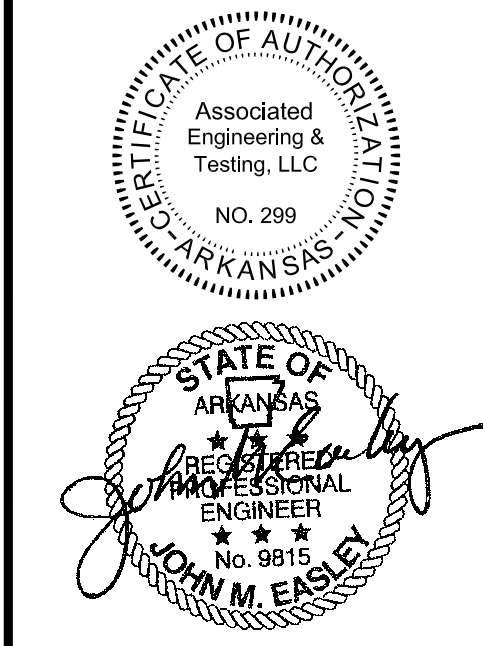
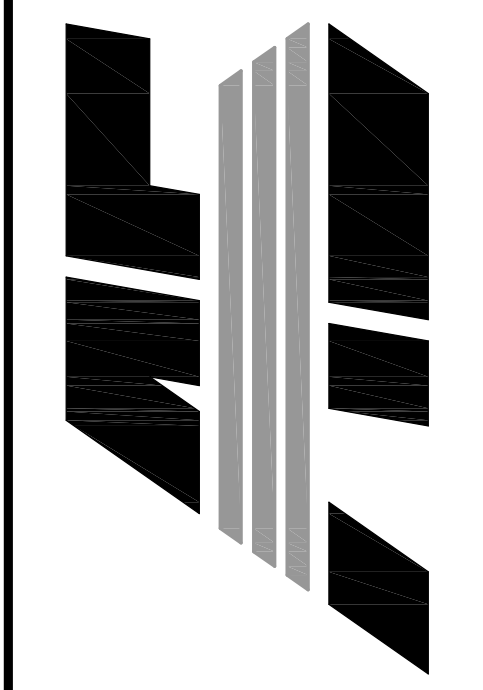
| SITE PLAN            |              |  |
|----------------------|--------------|--|
| DATE: 06/27/16       | DRAWN: CCH   |  |
| CADD FILE: 15165-SDP | CHECKED: JME |  |
| DWG#: 0414104.000X   | SHEET        |  |
| SCALE: 1" = 40'      | C004         |  |





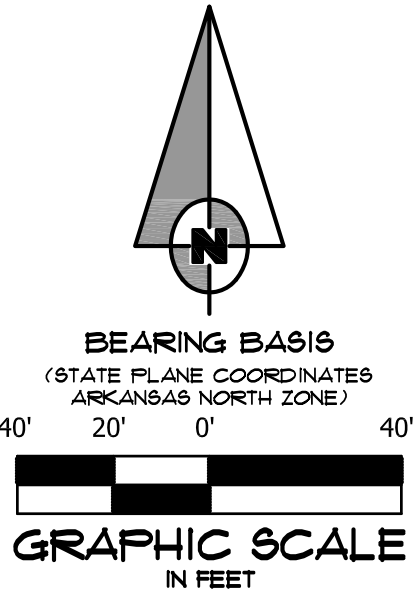
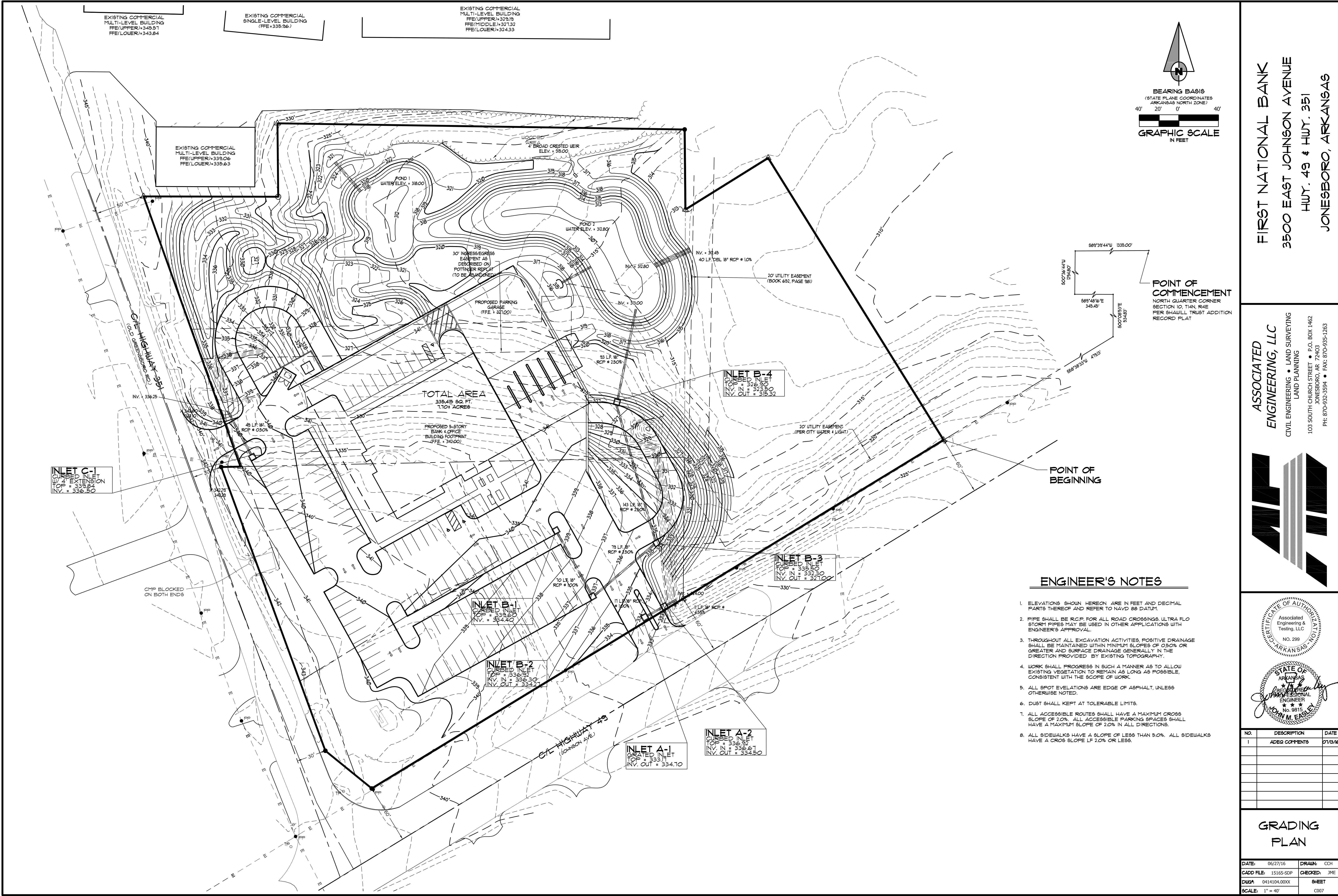
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| NO. | DESCRIPTION   | DATE     |
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|                      |              |
|----------------------|--------------|
| UTILITY<br>PLAN      |              |
| DATE: 06/27/16       | DRAWN: CCH   |
| CADD FILE: 15165-SDP | CHECKED: JME |
| DWG# 0414104.000X    | SHEET        |
| SCALE: 1" = 40'      | C006         |



POINT OF COMMENCEMENT  
NORTH QUARTER CORNER  
SECTION 10, T4N, R4E  
PER SHAULL TRUST ADDITION  
RECORD PLAT

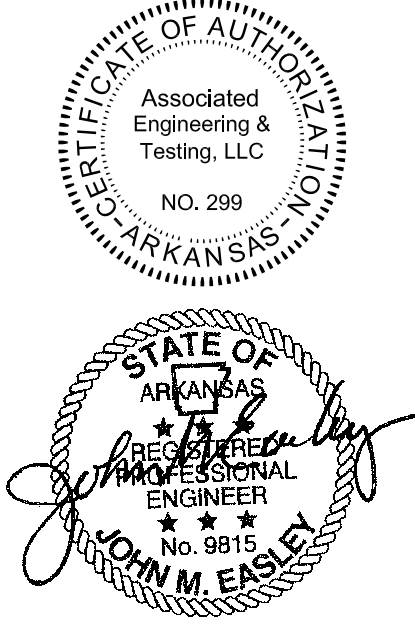
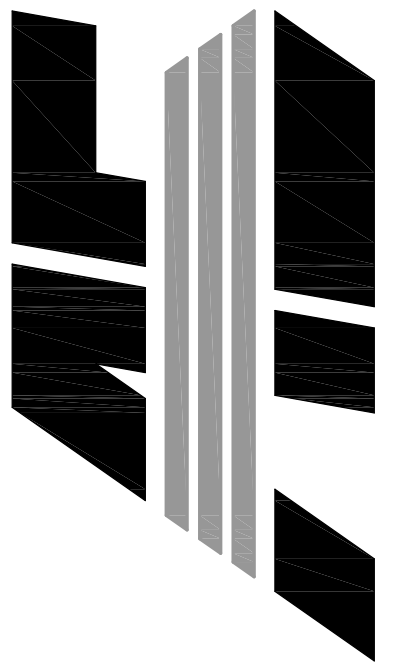
POINT OF BEGINNING

ENGINEER'S NOTES

- ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF AND REFER TO NAVD 88 DATUM.
- PIPE SHALL BE RCP FOR ALL ROAD CROSSINGS. ULTRA FLO STORM PIPES MAY BE USED IN OTHER APPLICATIONS WITH ENGINEER'S APPROVAL.
- THROUGHOUT ALL EXCAVATION ACTIVITIES, POSITIVE DRAINAGE SHALL BE MAINTAINED WITHIN MINIMUM SLOPES OF 0.50% OR GREATER AND SURFACE DRAINAGE GENERALLY IN THE DIRECTION PROVIDED BY EXISTING TOPOGRAPHY.
- WORK SHALL PROGRESS IN SUCH A MANNER AS TO ALLOW EXISTING VEGETATION TO REMAIN AS LONG AS POSSIBLE, CONSISTENT WITH THE SCOPE OF WORK.
- ALL SPOT ELEVATIONS ARE EDGE OF ASPHALT, UNLESS OTHERWISE NOTED.
- DUST SHALL BE KEPT AT TOLERABLE LIMITS.
- ALL ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0%. ALL ACCESSIBLE PARKING SPACES SHALL HAVE A MAXIMUM SLOPE OF 2.0% IN ALL DIRECTIONS.
- ALL SIDEWALKS HAVE A SLOPE OF LESS THAN 5.0%. ALL SIDEWALKS HAVE A CROSS SLOPE OF 2.0% OR LESS.

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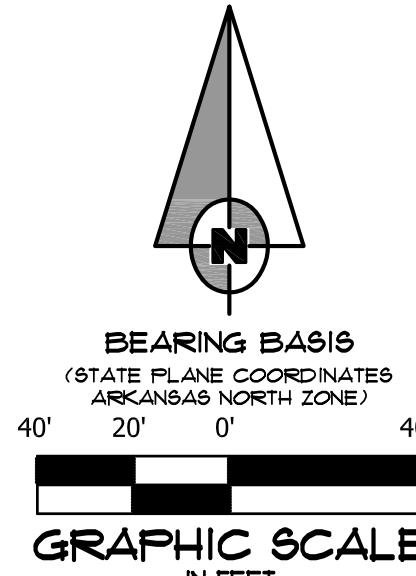
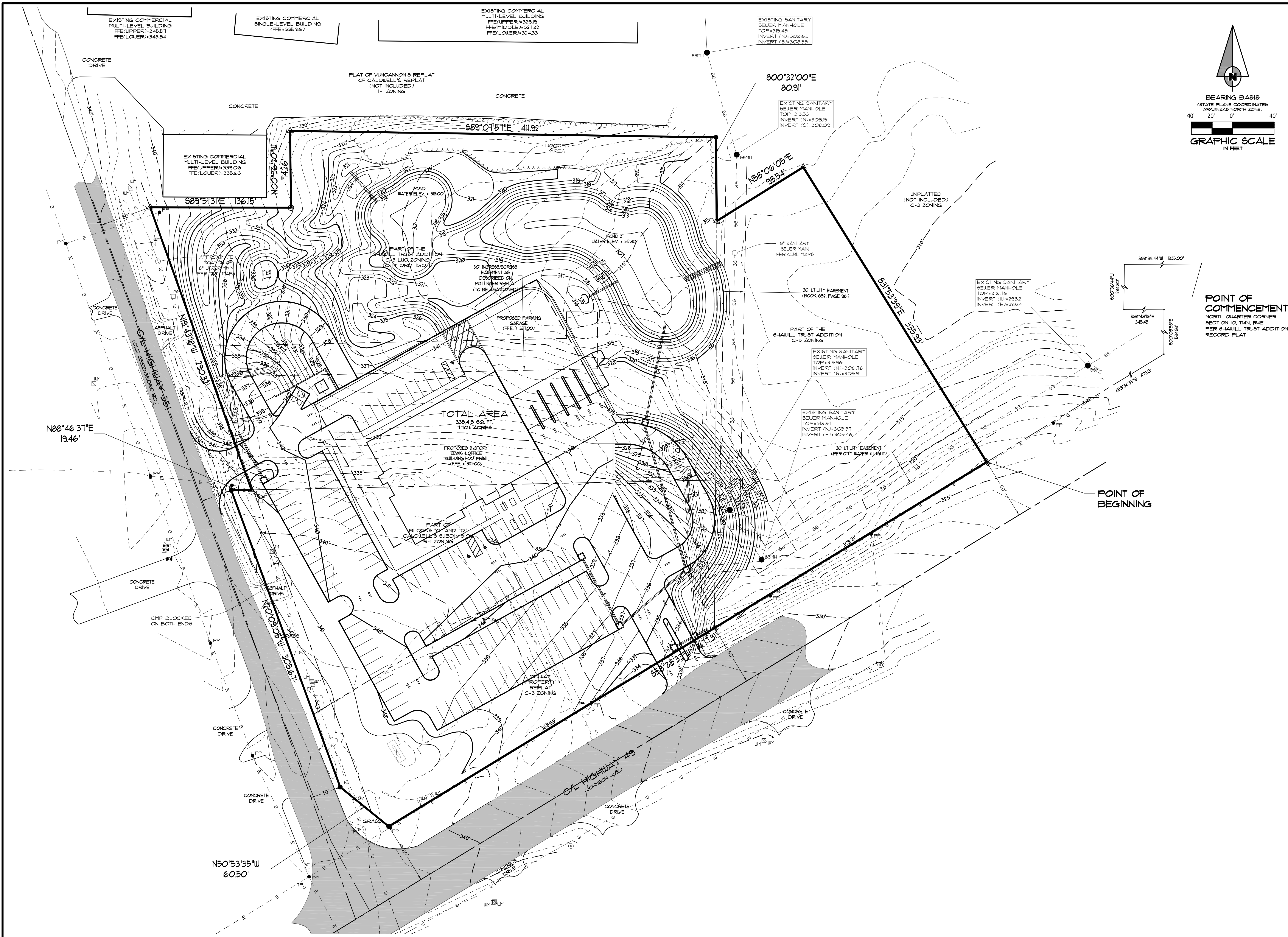


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GRADING  
PLAN

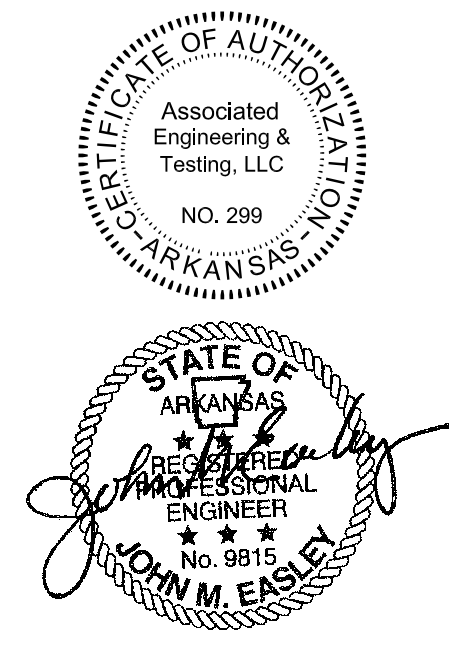
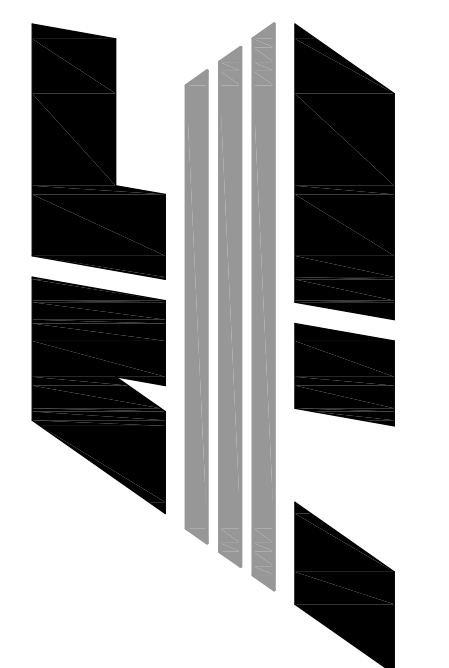
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| DATE: 06/27/16       | DRAWN: CCH   |
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| DWG#: 0414104.000X   | SHEET        |
| SCALE: 1" = 40'      | C007         |





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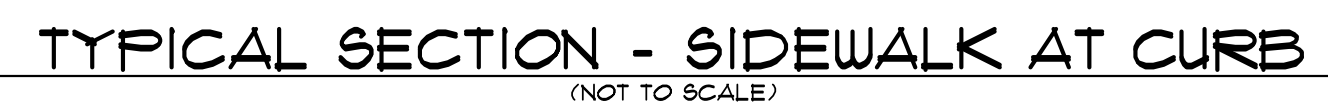
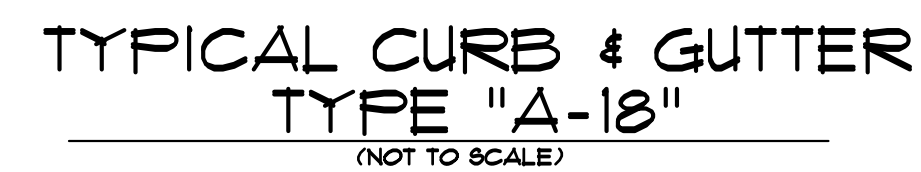
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LANDSCAPE  
PLAN

|                      |              |
|----------------------|--------------|
| DATE: 06/27/16       | DRAWN: CCH   |
| CADD FILE: 15165-SDP | CHECKED: JME |
| DWG# 0414104.000X    | SHEET        |
| SCALE: 1" = 40'      | C009         |



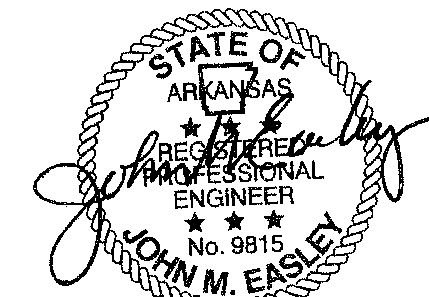
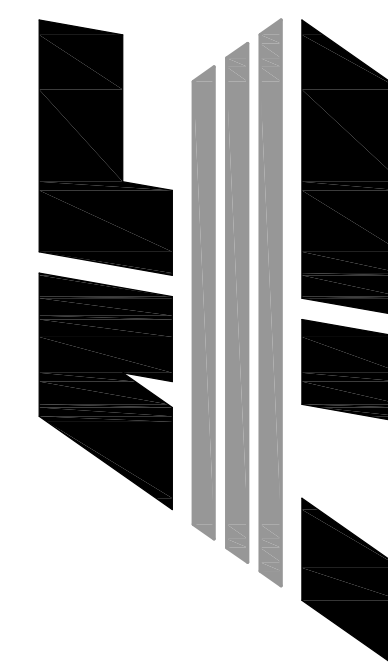
TYPE "A" ACCESS RAMP  
SCALE: 1/4" = 1'-0"



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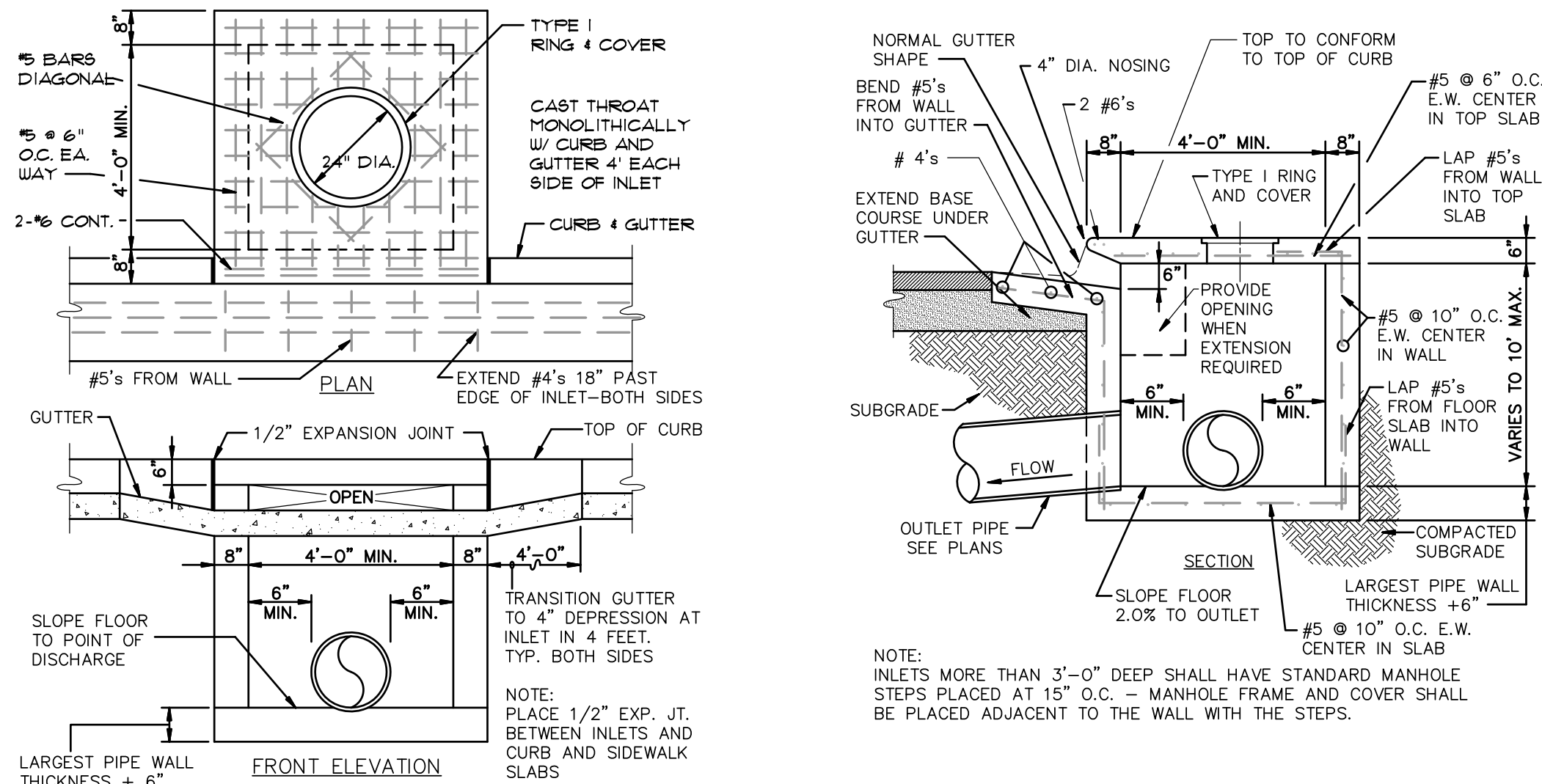
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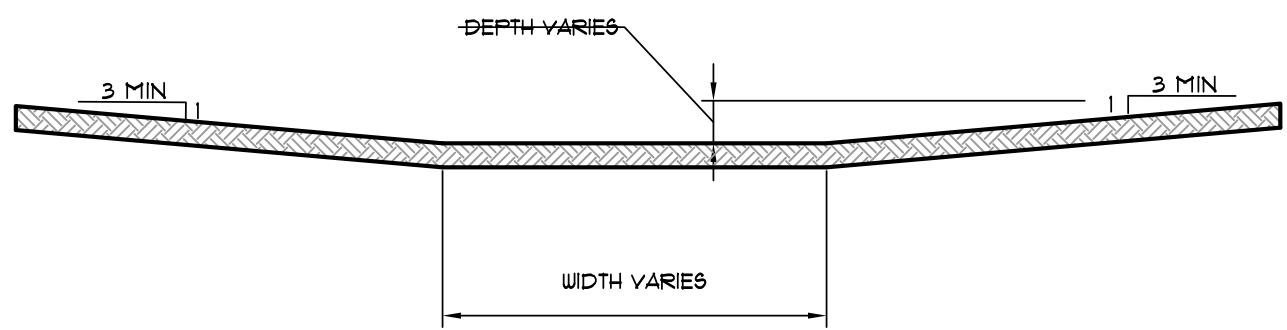


## STANDARD DETAILS

|                             |                     |
|-----------------------------|---------------------|
| <b>DATE:</b> 06/27/16       | <b>DRAWN:</b> CCH   |
| <b>CADD FILE:</b> 15165-SDP | <b>CHECKED:</b> JME |
| <b>DWG#:</b> 0414104.00XX   | <b>SHEET</b>        |
| <b>SCALE:</b> 1" = 40'      | C010                |



**CURB INLET - TYPE "A"**  
(NOT TO SCALE)



**DETAIL - DRAINAGE SWALE - FLAT BOTTOM**  
NTS.

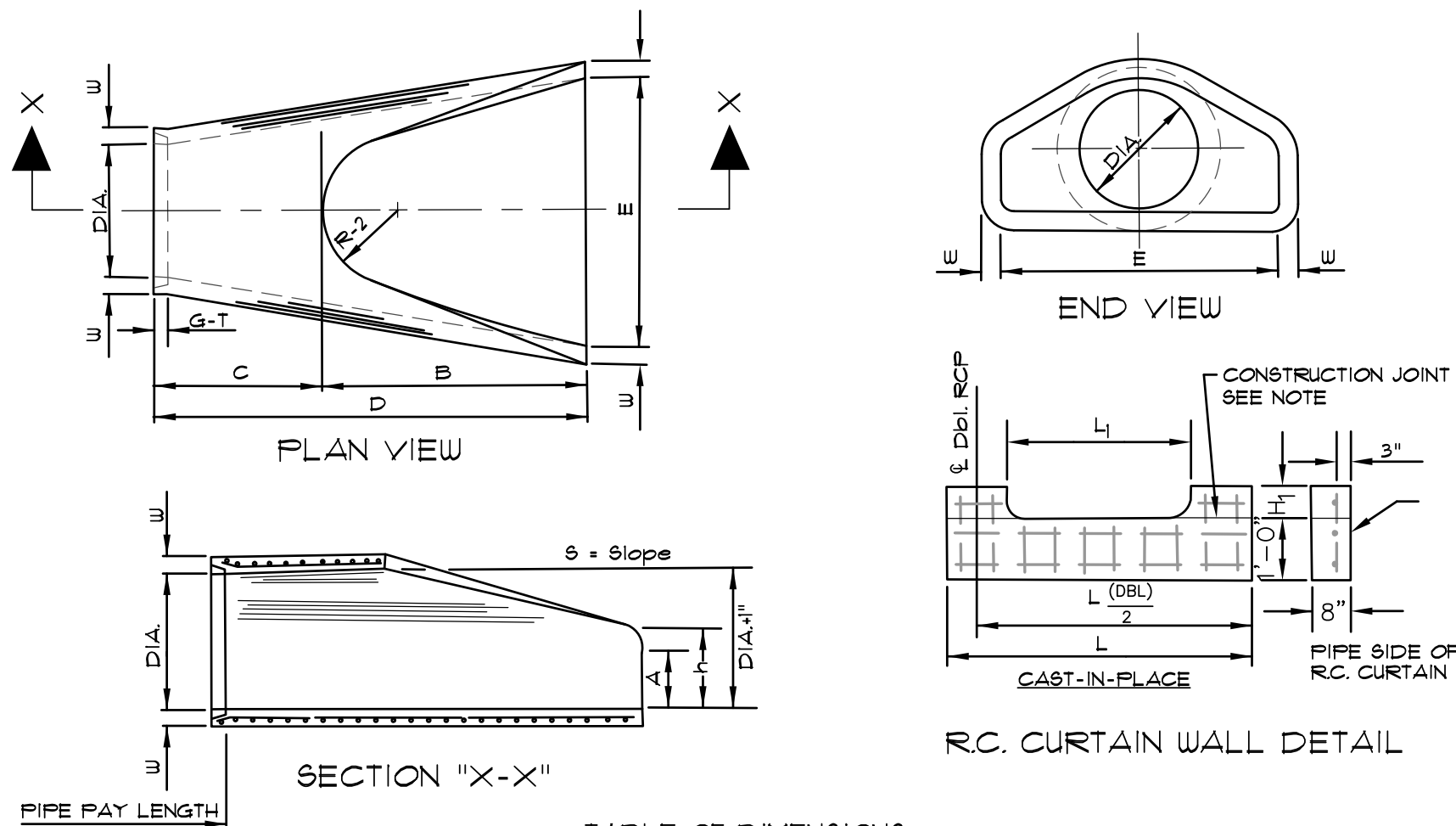


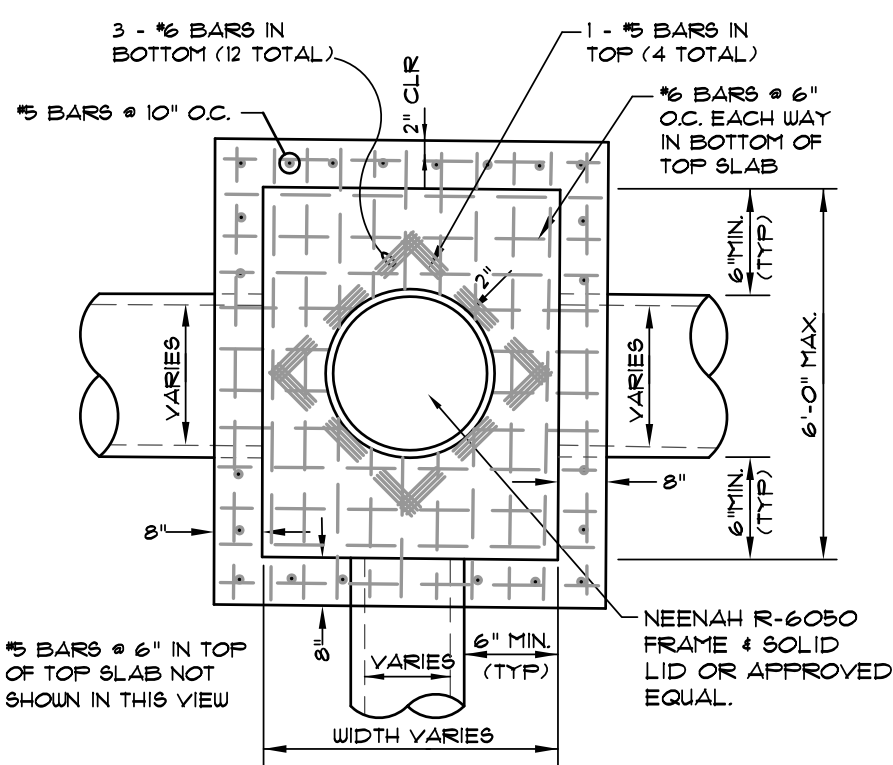
TABLE OF DIMENSIONS

| DIA. | WALL   | A      | B         | C          | D         | E     | S   | DIA. ±1" | P         | R-1       | R-2 | G-T    | WT    | h          |
|------|--------|--------|-----------|------------|-----------|-------|-----|----------|-----------|-----------|-----|--------|-------|------------|
| 18"  | 2 1/2" | 9"     | 2'-3"     | 3'-10"     | 6'-1"     | 3'-0" | 3:1 | 19"      | 29"       | 15 1/2"   | 12" | 2"     | 1000  | 1'-0 1/2"  |
| 24"  | 3"     | 9 1/2" | 3'-7 1/2" | 2'-6"      | 6'-1 1/2" | 4'-0" | 3:1 | 25"      | 33 3/16"  | 16 13/16" | 14" | 2 1/2" | 1800  | 1'-1 1/2"  |
| 30"  | 3 1/2" | 1'-0"  | 4'-6"     | 1'-7 3/4"  | 6'-1 3/4" | 5'-0" | 3:1 | 31"      | 37"       | 18 1/2"   | 15" | 3 1/4" | 1940  | 1'-4 5/8"  |
| 36"  | 4"     | 1'-3"  | 5'-3"     | 2'-10 3/4" | 6'-0"     | 5'-0" | 3:1 | 37"      | 47 13/16" | 24 5/16"  | 20" | 3 1/2" | 4100  | 1'-8"      |
| 42"  | 4 1/2" | 1'-9"  | 5'-3"     | 2'-11"     | 6'-2"     | 6'-6" | 3:1 | 43"      | 53 7/8"   | 27 1/2"   | 22" | 3 1/2" | 5380  | 2'-2 1/2"  |
| 48"  | 5"     | 2'-0"  | 6'-0"     | 2'-2"      | 6'-2"     | 7'-0" | 3:1 | 49"      | 56 1/2"   | 28 1/2"   | 22" | 3 1/2" | 6550  | 2'-6"      |
| 54"  | 5 1/2" | 2'-4"  | 6'-8"     | 1'-10"     | 6'-4"     | 7'-8" | 3:1 | 55"      | 65 1/2"   | 33 1/8"   | 24" | 4"     | 8750  | 2'-10 1/2" |
| 60"  | 6"     | 2'-10" | 6'-6"     | 1'-10"     | 6'-4"     | 8'-0" | 3:1 | 61"      | 72 1/2"   | 36 11/16" | 24" | 4"     | 9270  | 3'-5"      |
| 72"  | 7"     | 3'-10" | 6'-6"     | 1'-10"     | 6'-4"     | 9'-0" | 3:1 | 73"      | 77 13/16" | 38 15/16" | 24" | 5"     | 13250 | 4'-6"      |

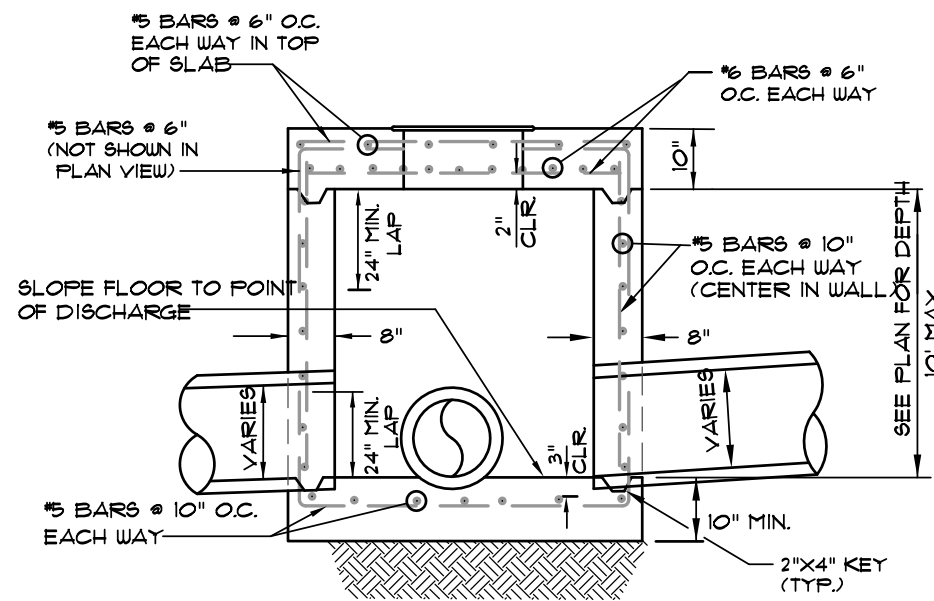
NOTES:

- THE PORTION OF THE R.C. CURTAIN WALL BENEATH THE FLARED END SECTION (LOWER 1'-0") SHALL BE PLACED MONOLITHICALLY. THE FLARED END SECTION SHALL THEN BE SET IN PLACE AND THE REMAINING PORTIONS OF THE R.C. CURTAIN WALL PLACED.
- ALL REINFORCING STEEL ARE #4 BARS AT 6" O.C.
- NO SEPARATE PAYMENT WILL BE MADE FOR THE CURTAIN WALLS. THEY SHALL BE CONSIDERED SUBSIDIARY TO THE FLARED END SECTIONS.
- TONGUE END ON UPSTREAM SECTION. GROOVE END ON DOWNSTREAM SECTION.

**FLARED END SECTION DETAILS FOR REINFORCED CONCRETE PIPE CULVERT**  
(NOT TO SCALE)



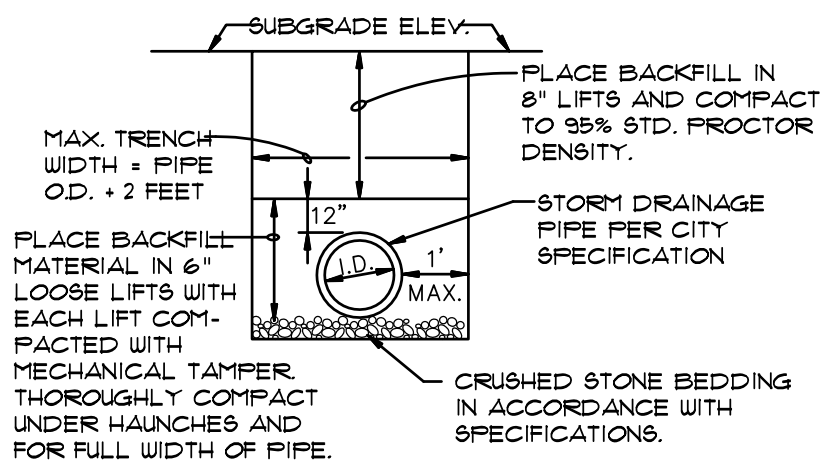
**PLAN - JUNCTION BOX - HEAVY**  
NTS.



**SECTION - JUNCTION BOX - HEAVY**  
NTS.

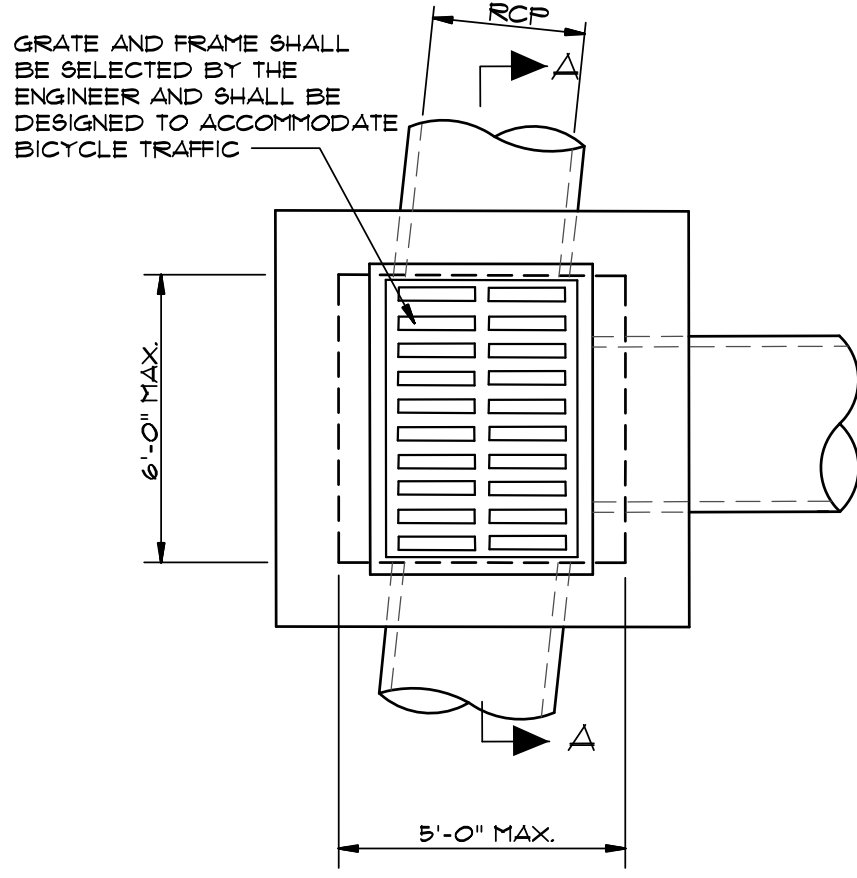
NOTES:

- SHOULD BE USED TO ACCOMMODATE VEHICULAR TRAFFIC.
- JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
- SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.

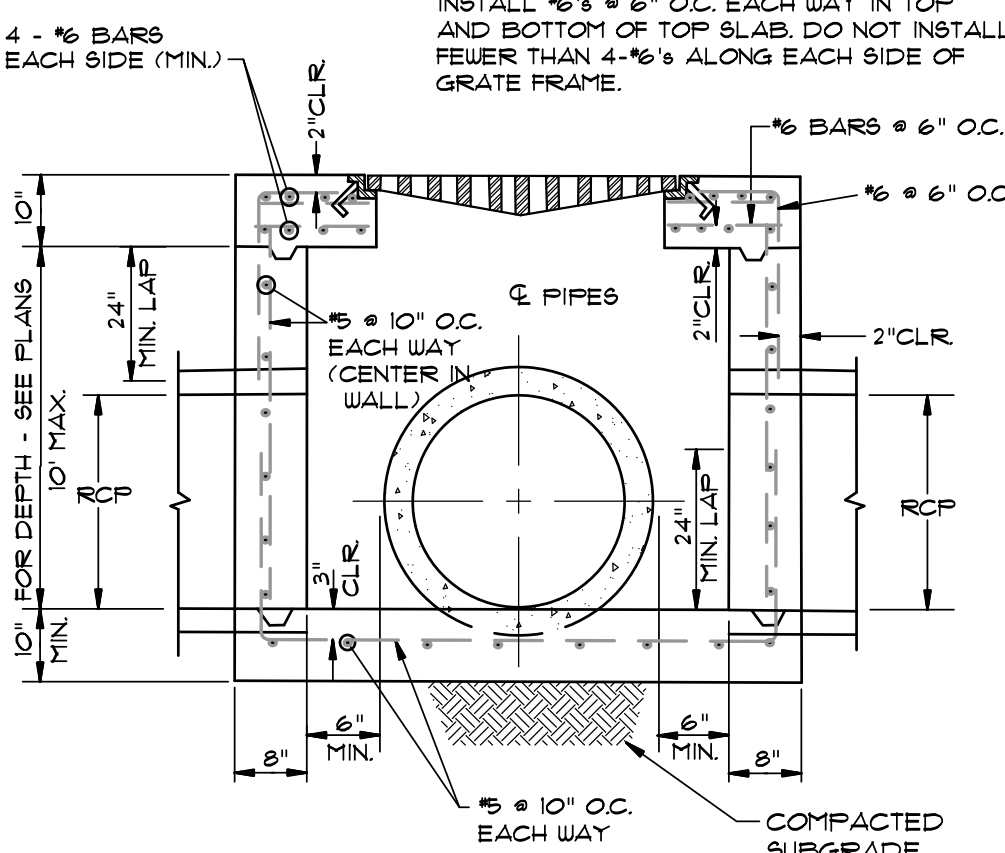


**DRAINAGE PIPE TRENCH DETAIL**

NOTE: TO BE USED WITH NEW STREET CONSTRUCTION. SEE DRAWING NO. PT-1 FOR EXISTING STREET CUTS.



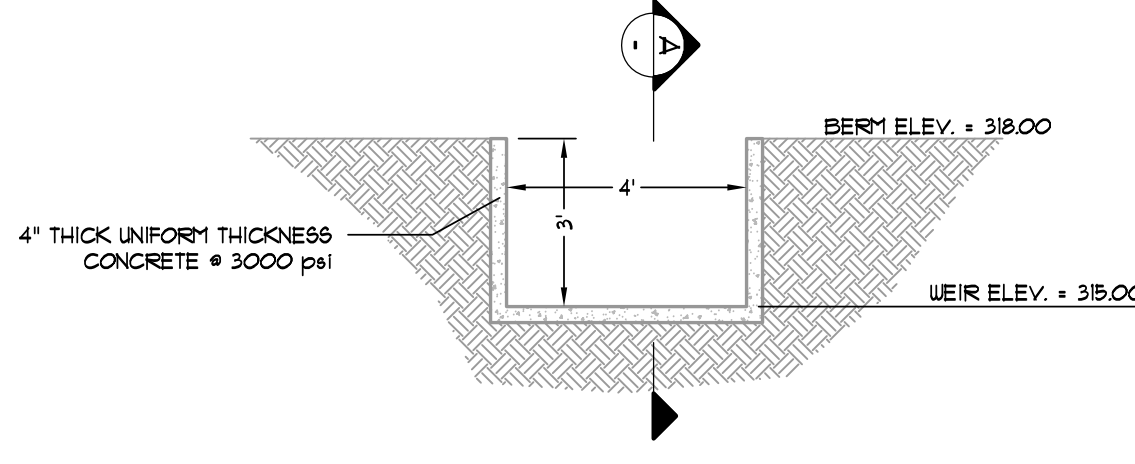
**PLAN - GRATE INLET - HEAVY**  
NTS.



**SECTION "A-A" - GRATE INLET - HEAVY**  
NTS.

NOTES:

- SHOULD BE USED TO ACCOMMODATE VEHICULAR TRAFFIC.
- JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
- SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.



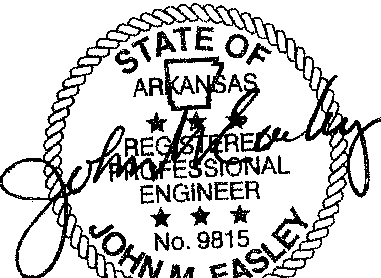
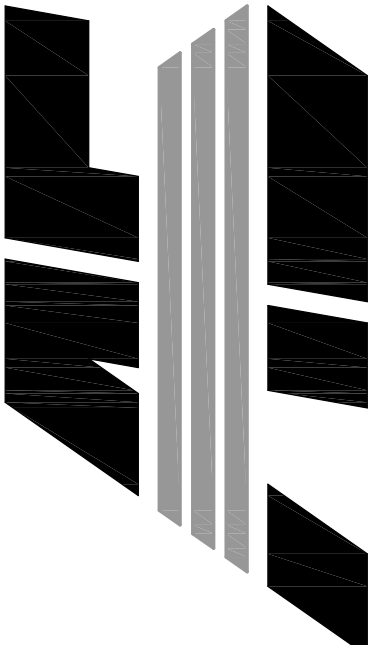
**SECTION "A-A"**

**BROAD CRESTED WEIR DETAIL DETENTION BASIN**

(NOT TO SCALE)

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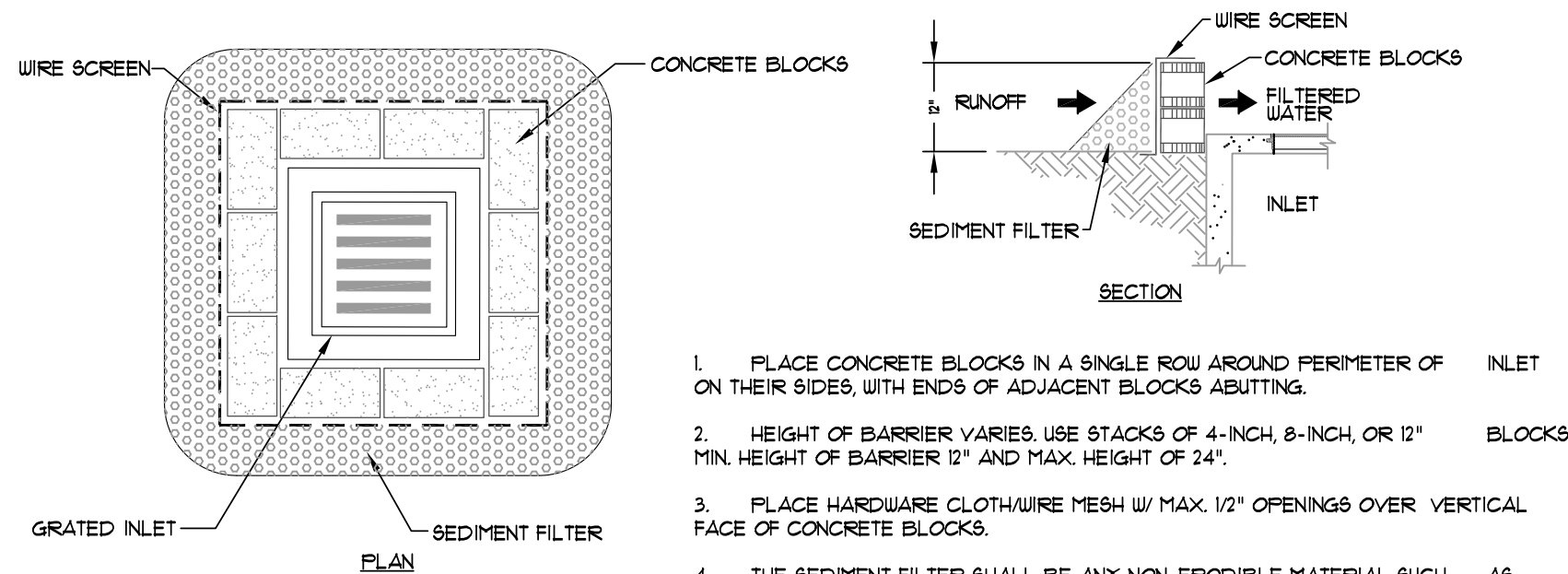
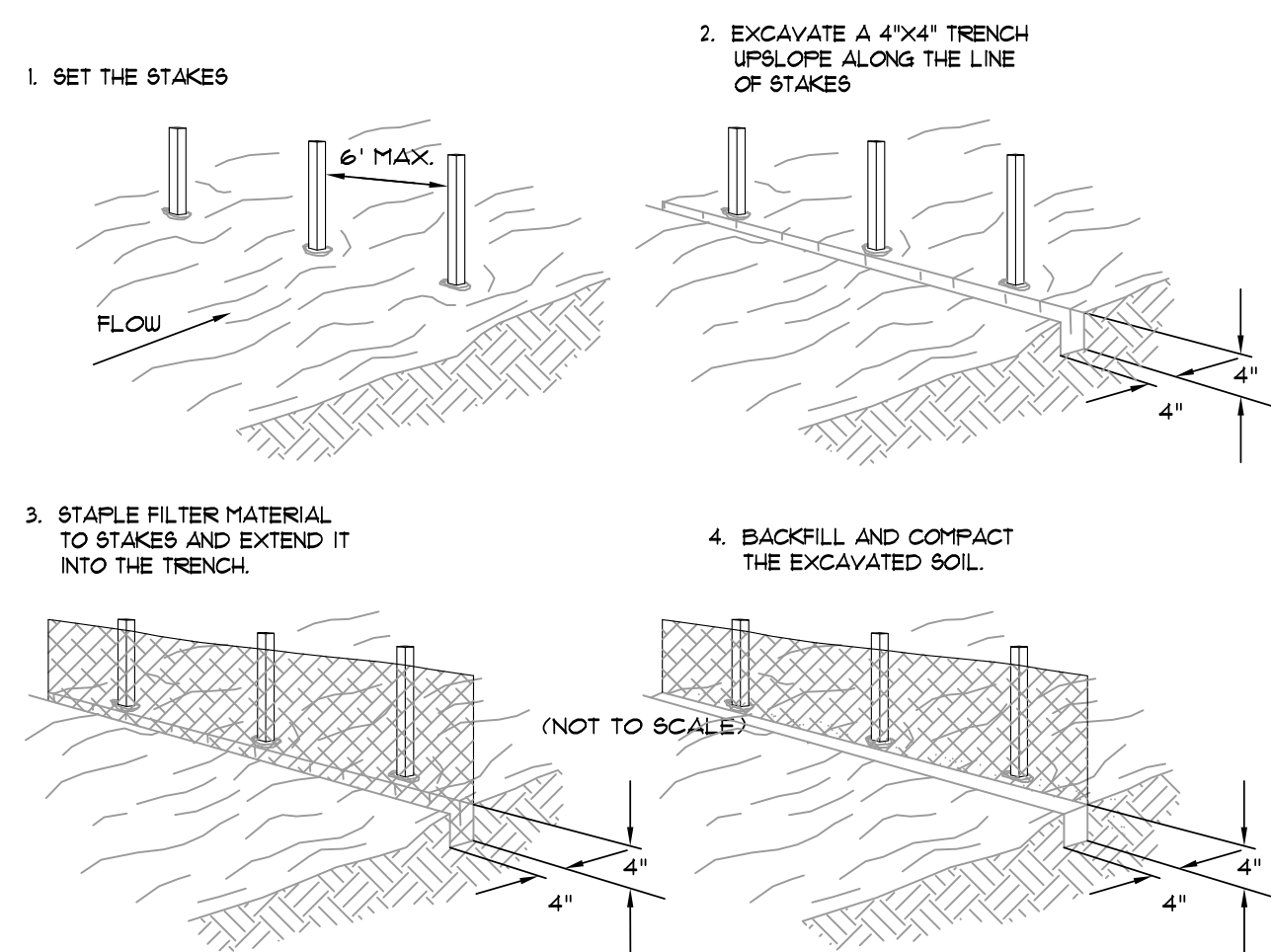
**ASSOCIATED ENGINEERING, LLC**  
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103 SOUTH CHURCH STREET • P.O. BOX 1462  
JONESBORO, AR 72403  
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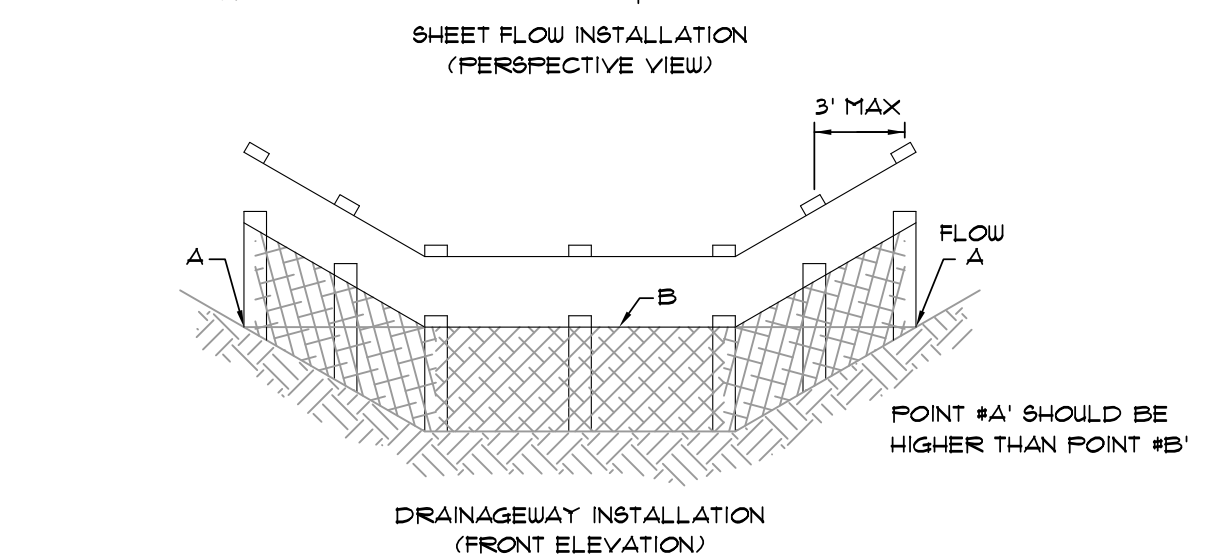
| NO. | DESCRIPTION   | DATE     |
|-----|---------------|----------|
| 1   | ADEQ COMMENTS | 07/13/16 |
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**STANDARD DETAILS**

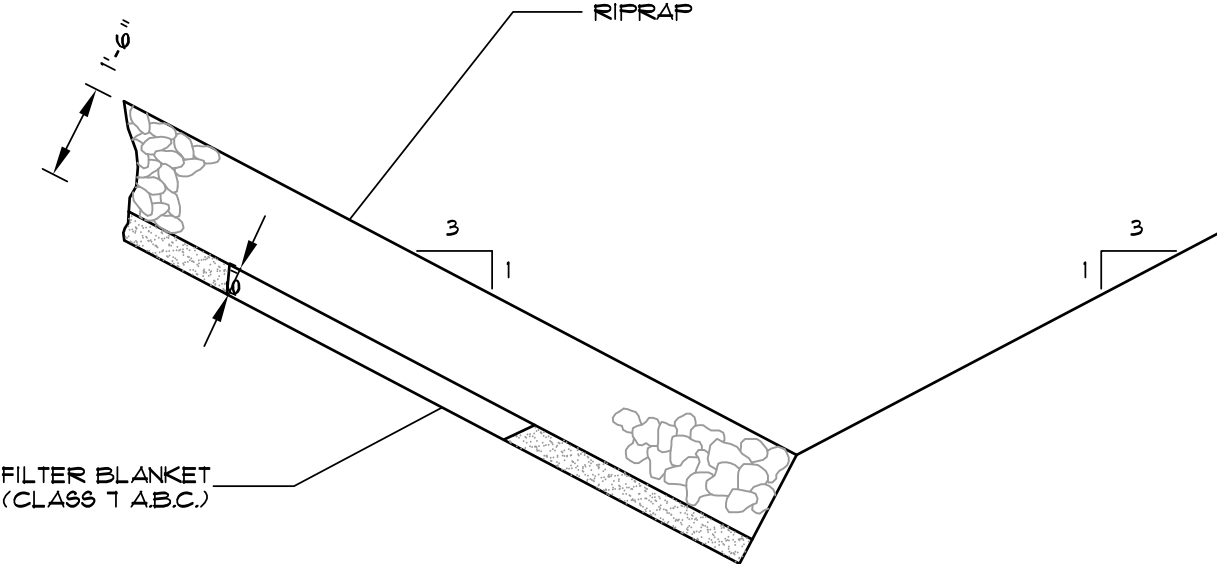
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| DATE: 06/27/16       | DRAWN: CCH   |
| CADD FILE: 15165-SDP | CHECKED: JME |
| DWG#: 0414104.000X   | SHEET        |
| SCALE: 1" = 40'      | C011         |



**BLOCK AND AGGREGATE INLET SEDIMENT FILTER**  
SCALE: 1/2" = 1'-0"

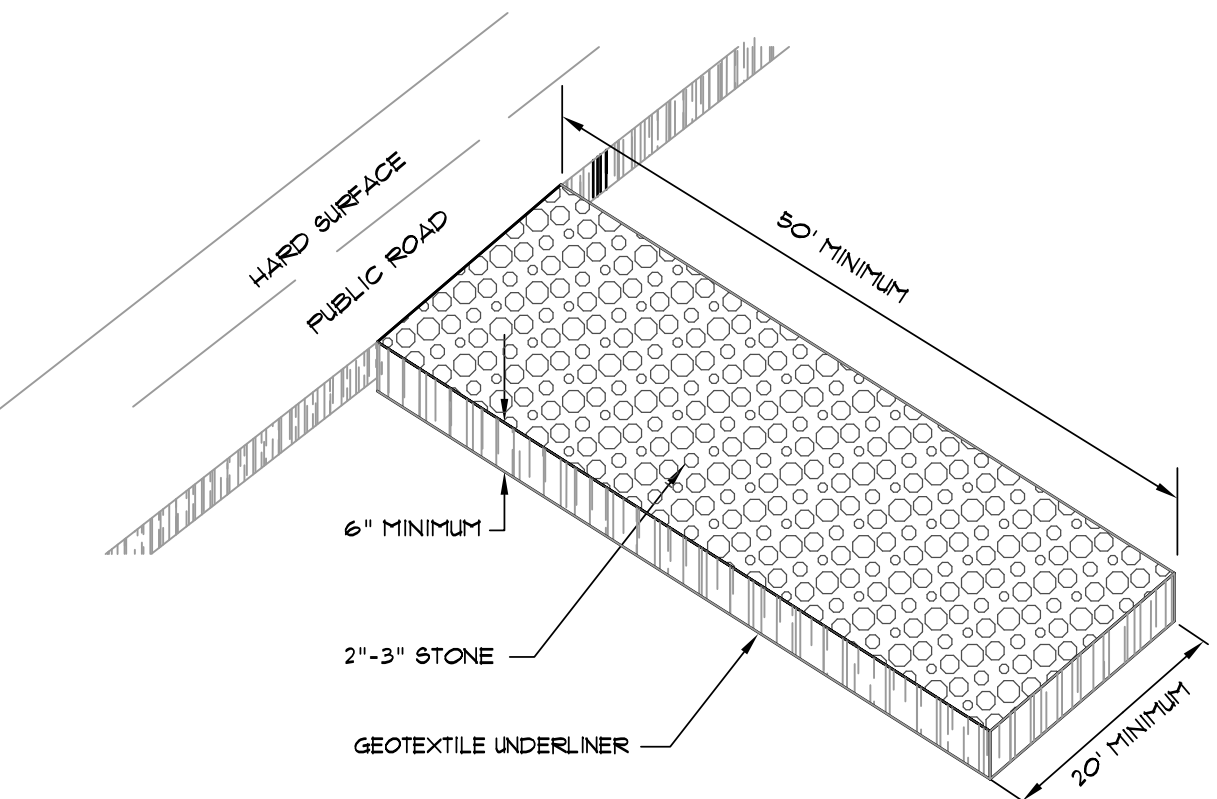


**FILTER BARRIER**  
SCALE: 1/4" = 1'-0"

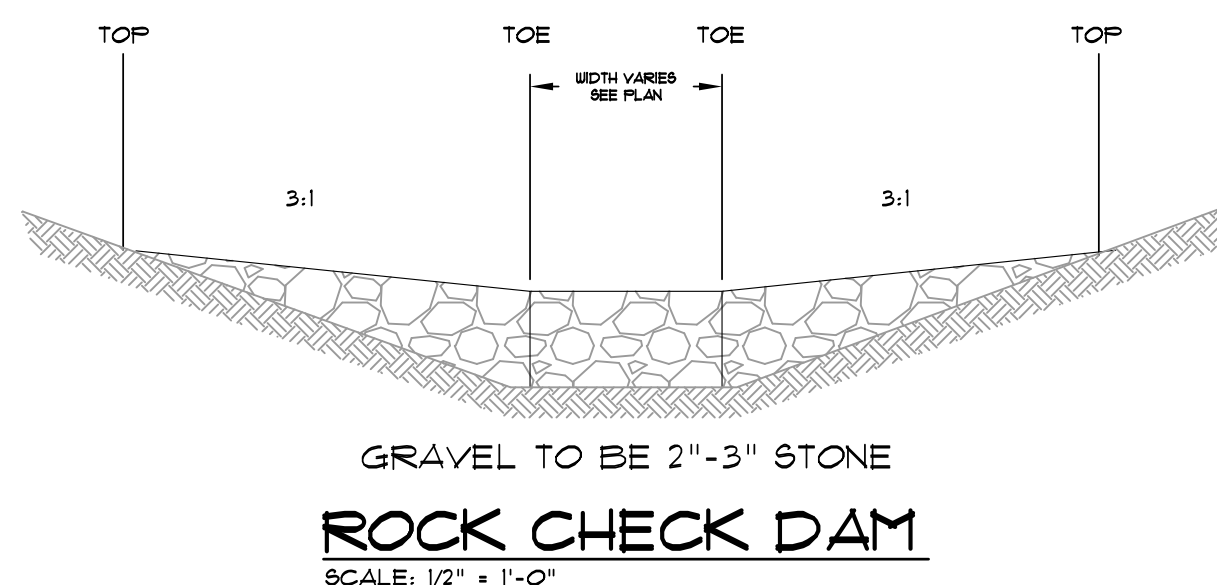


NOTE: IN LIEU OF AN AGGREGATE FILTER BLANKET, A SYNTHETIC FIBER GEOTEXTILE FABRIC MEETING THE REQUIREMENTS OF AASHTO M288 MAY BE USED. IN LIEU OF RIPRAP, AN EROSION CONTROL MAT MAY BE USED.

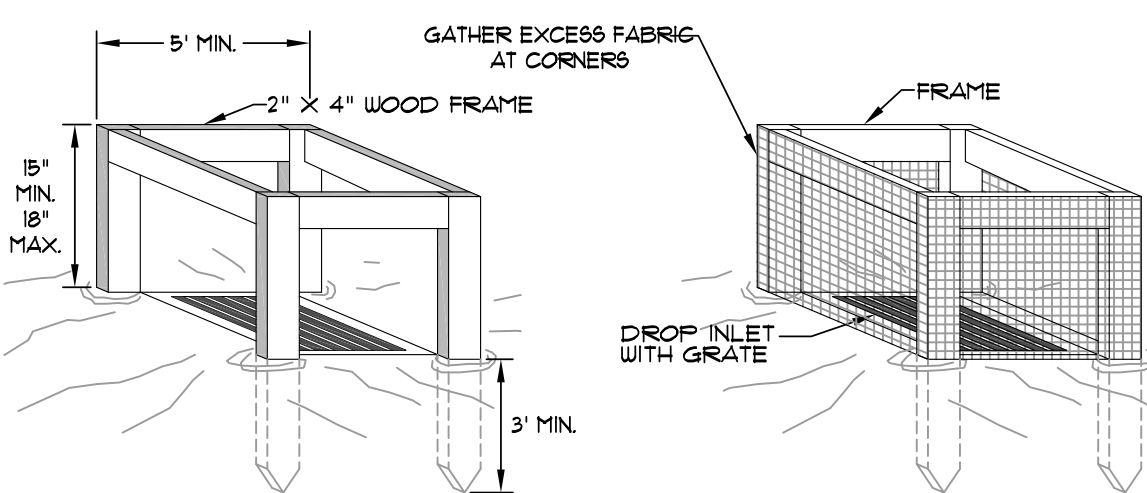
**SECTION - DUMPED RIPRAP**  
TOE EXCAVATION IN SOIL



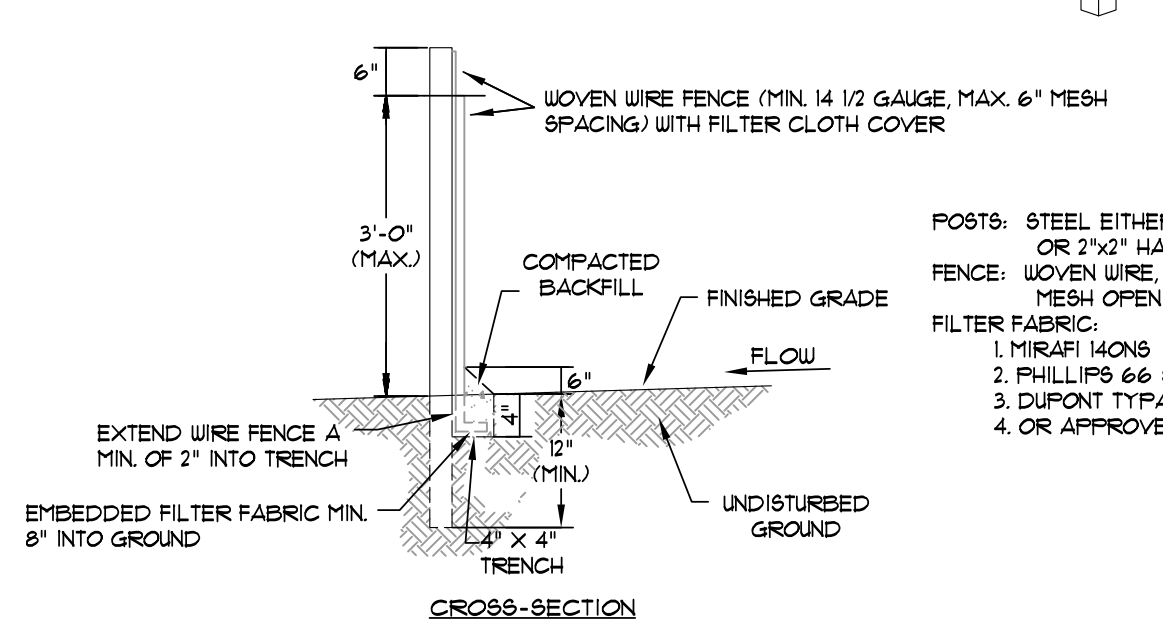
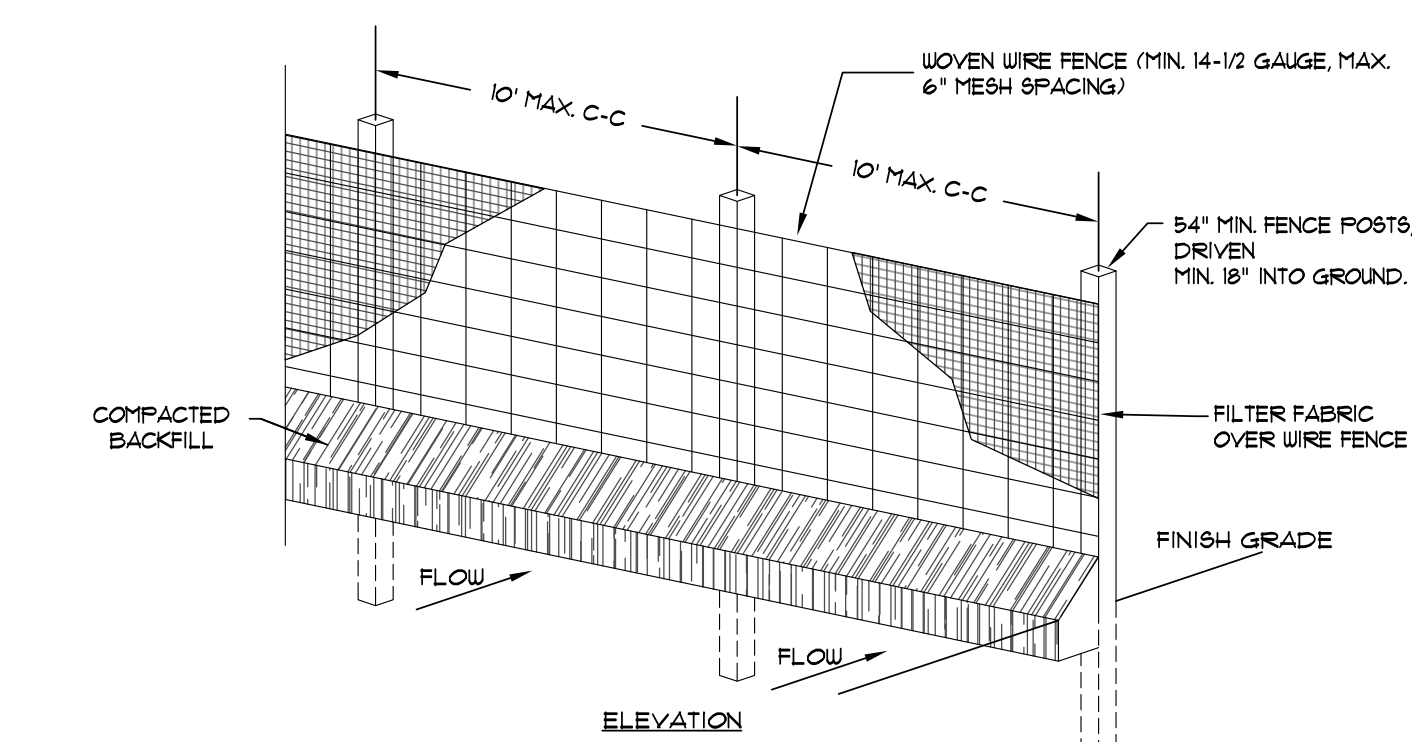
**CONSTRUCTION ENTRANCE**  
NOT TO SCALE



**GRAVEL TO BE 2"-3" STONE**  
**ROCK CHECK DAM**  
SCALE: 1/2" = 1'-0"

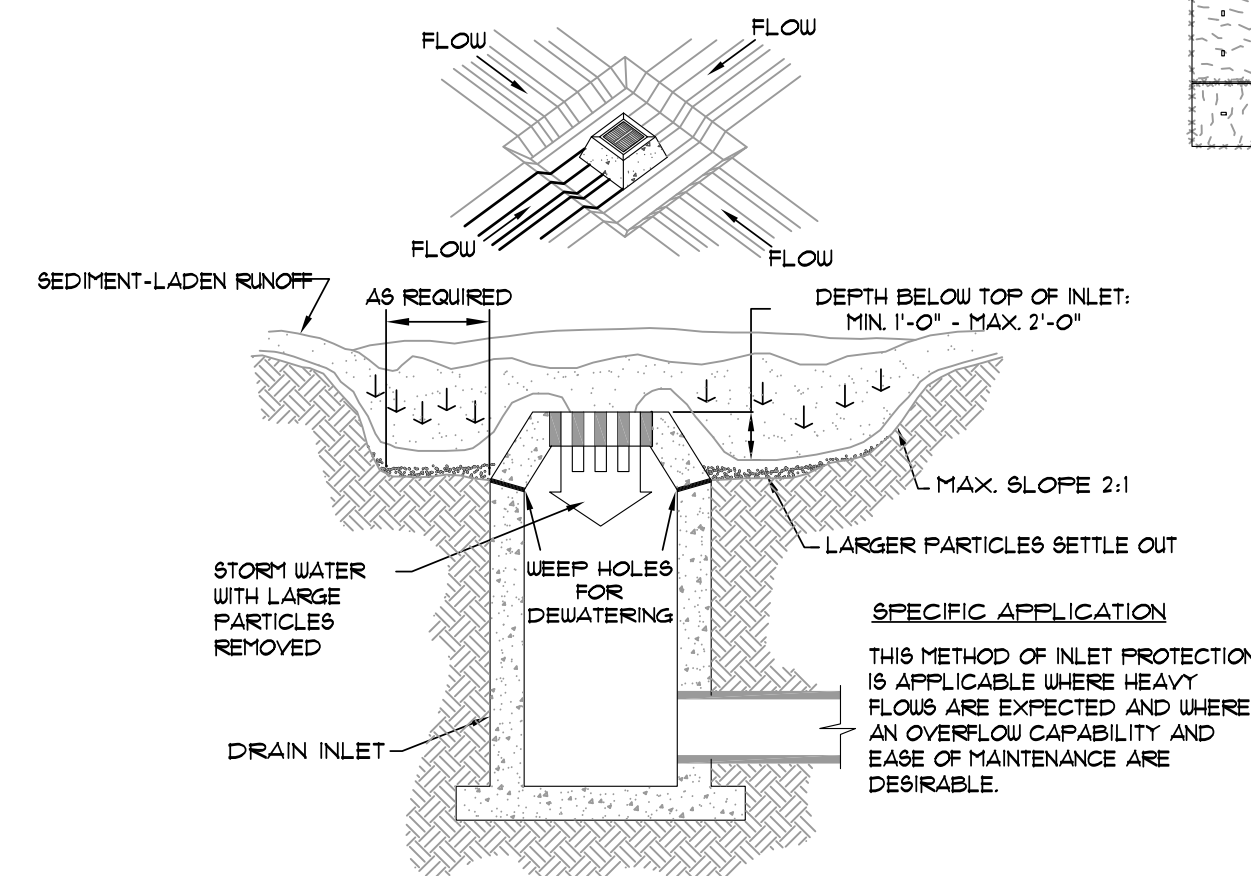


**SILT FENCE INLET PROTECTION**  
SCALE: 1/2" = 1'-0"

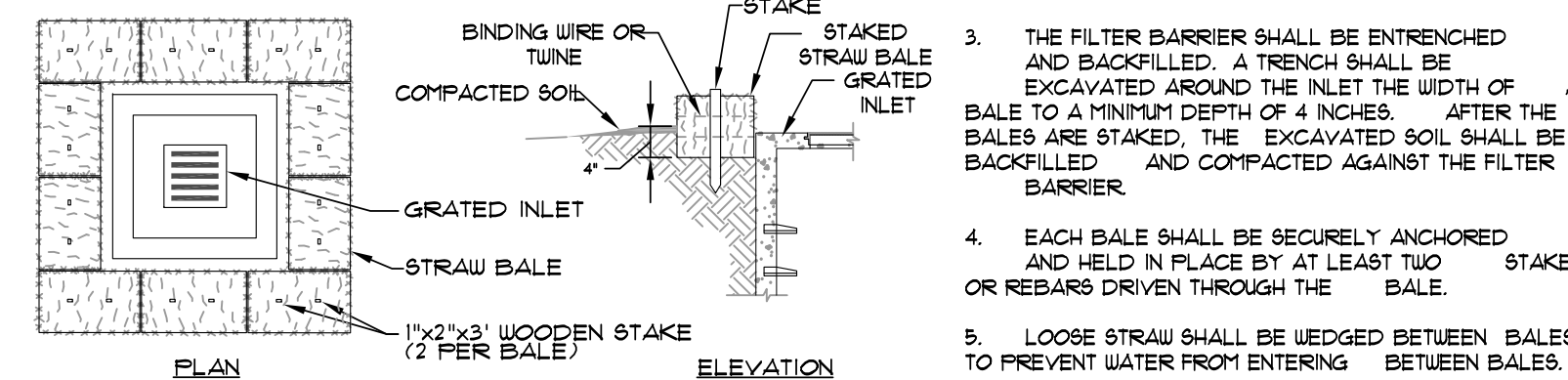


1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

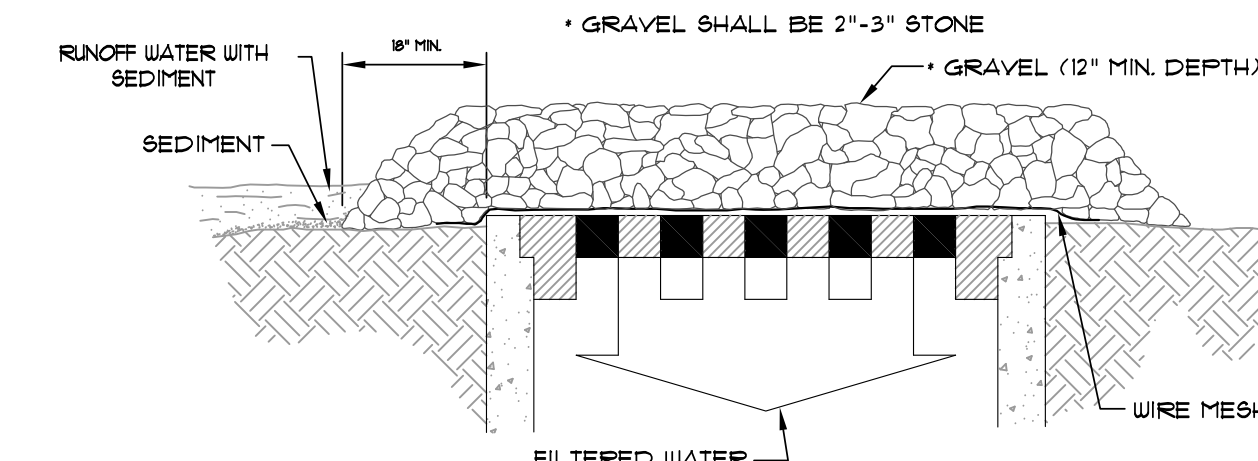
**SILT FENCE**  
NOT TO SCALE



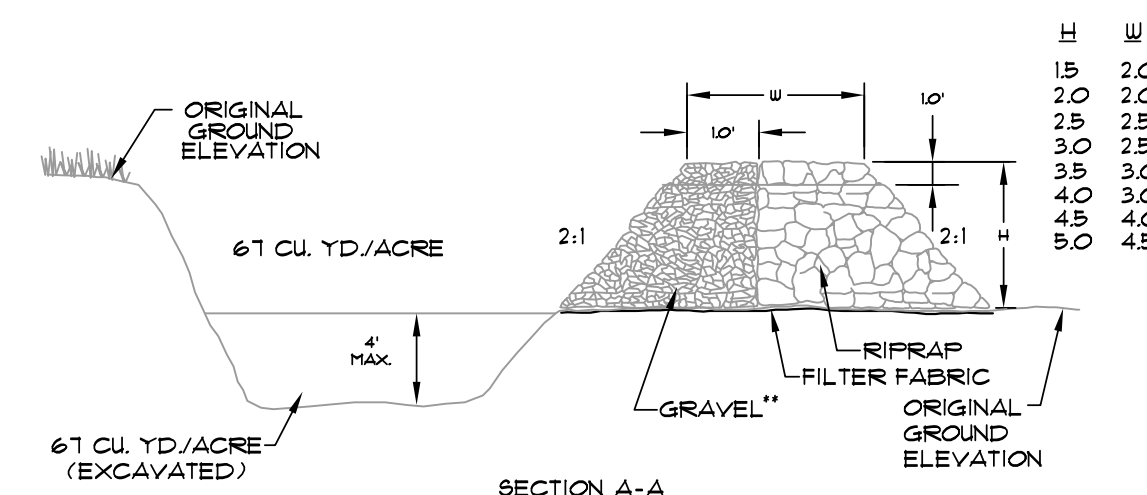
**EXCAVATED INLET SEDIMENT TRAP**  
SCALE: 1/4" = 1'-0"



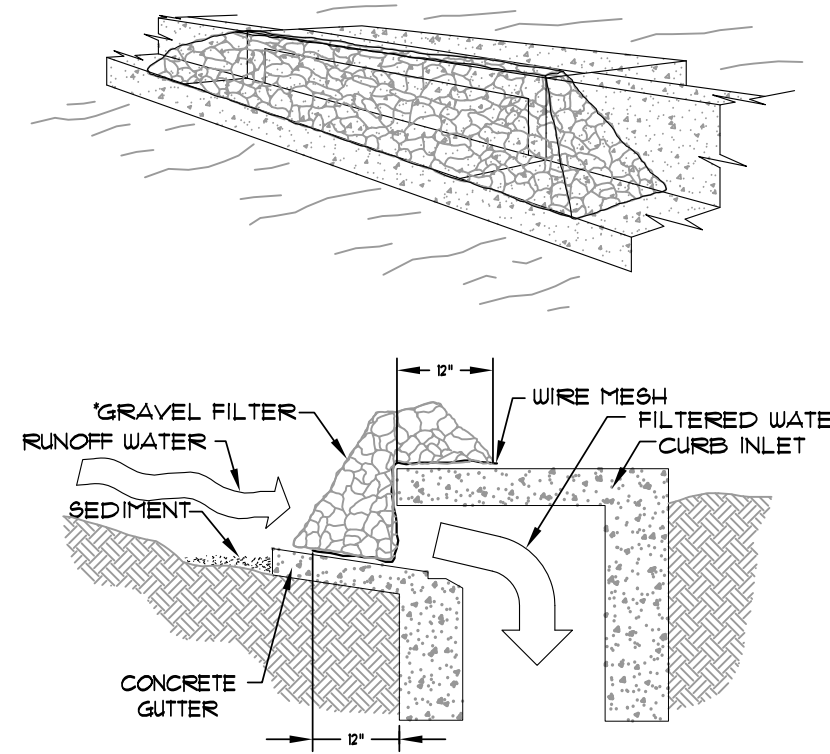
**STRAW BALE INLET SEDIMENT FILTER**  
SCALE: 1/2" = 1'-0"



**GRAVEL AND WIRE MESH INLET SEDIMENT FILTER**  
SCALE: 1/2" = 1'-0"



**TEMPORARY SEDIMENT TRAP**  
SCALE: 3/8" = 1'-0"

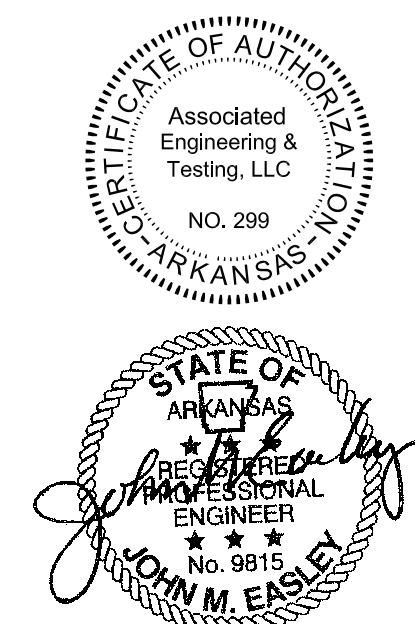
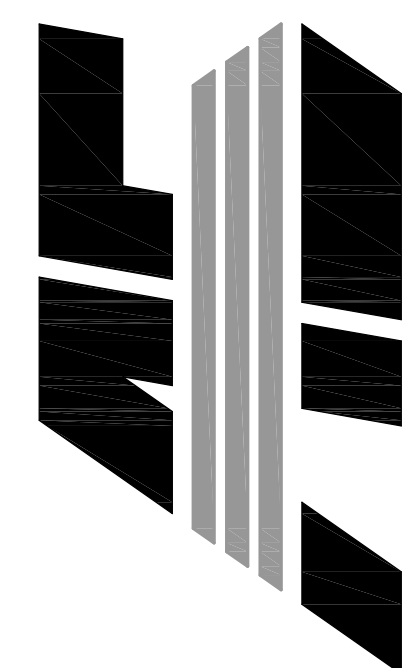


**GRAVEL CURB INLET SEDIMENT FILTER**  
SCALE: 1/2" = 1'-0"

- GENERAL NOTES:
1. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
  2. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET WITH ENDS OF ADJACENT BALES PRESSED TOGETHER.
  3. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET WITH A MINIMUM DEPTH OF 4 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
  4. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
  5. LOOSE STRAW SHALL BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

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| NO. | DESCRIPTION   | DATE     |
|-----|---------------|----------|
| 1   | ADEQ COMMENTS | 07/19/16 |
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**EROSION CONTROL DETAILS**

|                      |              |
|----------------------|--------------|
| DATE: 06/27/16       | DRAWN: CCH   |
| CADD FILE: 15165-SDP | CHECKED: JME |
| DWG# 0414104.000X    | SHEET        |
| SCALE: 1" = 40'      | C012         |