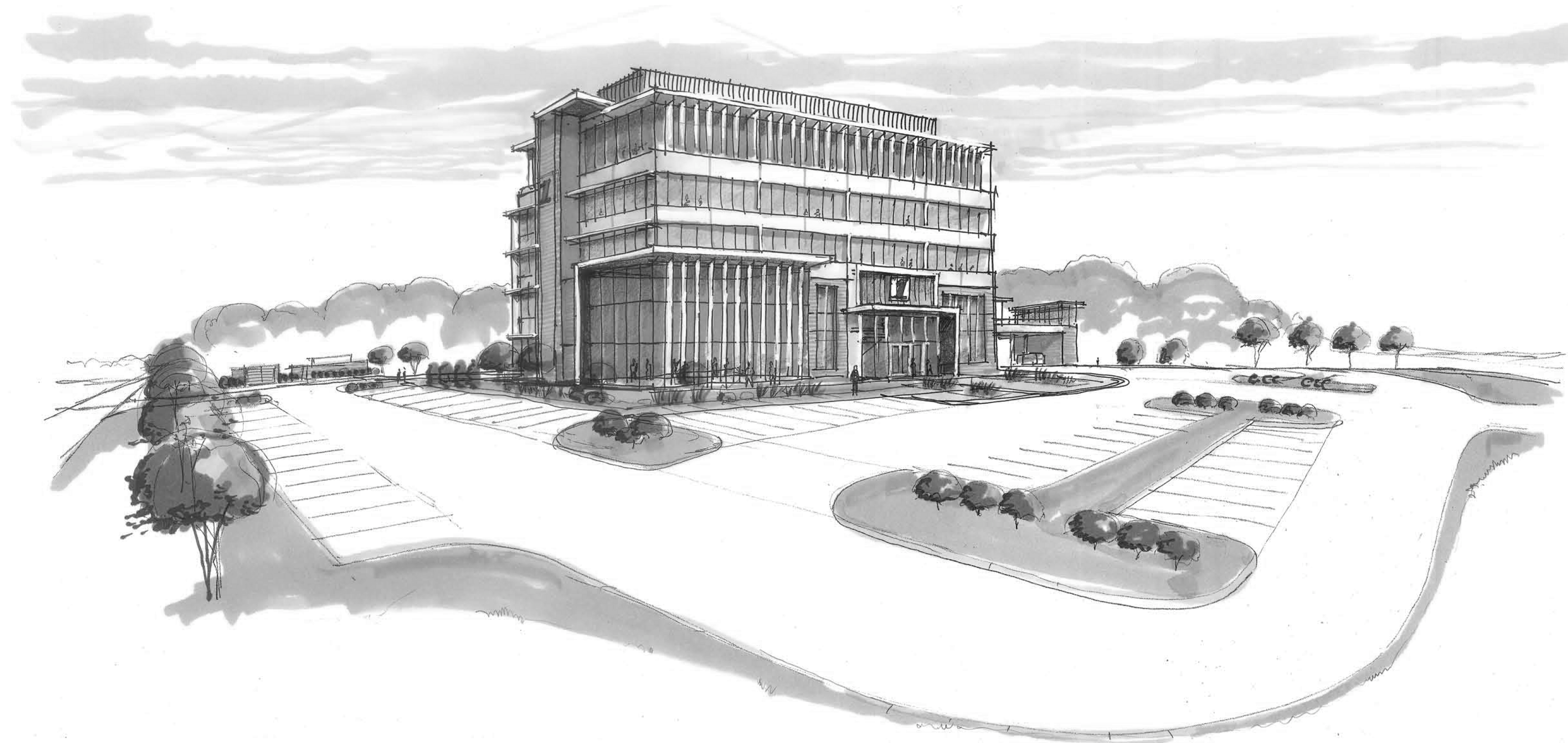




FIRST NATIONAL BANK HILLTOP BRANCH & OFFICE BUILDING

3500 East Johnson Avenue, Jonesboro, Ar

W D & D J O B #16-028

ISSUE SET - BID PACKAGE 1

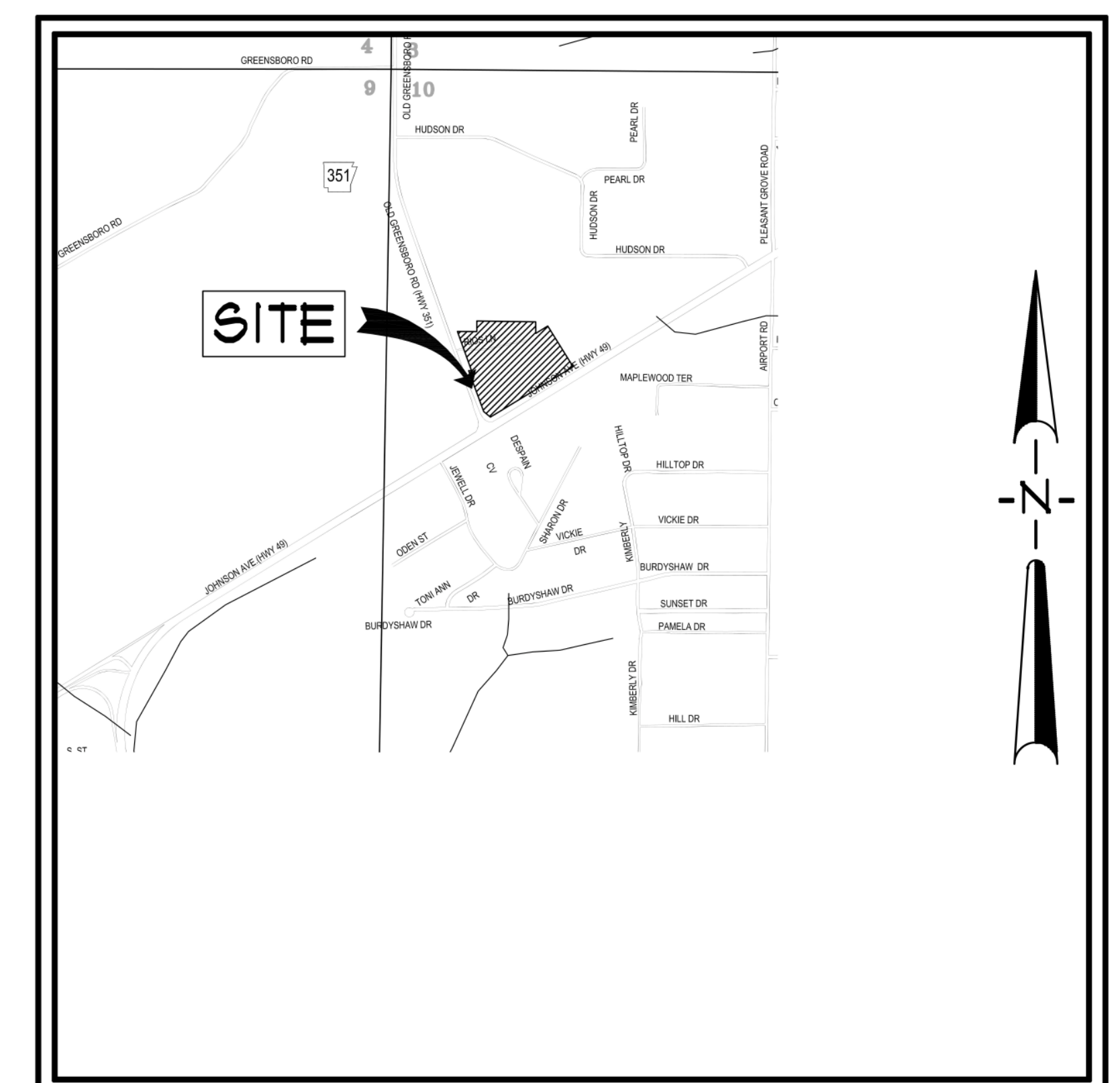
SITE GRADING & SITE IMPROVEMENTS

06/27/16

WITTENBERG, DELONY, & DAVIDSON, INC.
ARCHITECTS - INTERIOR DESIGN -
PLANNERS
400 WEST CAPITOL, SUITE 1800
LITTLE ROCK, ARKANSAS 72201-4857
PH. # 501-376-6681
FAX # 501-376-0231

Associated Engineering, LLC
CIVIL ENGINEERS
103 South Church St.
P.O. Box 1462
Jonesboro, ARKANSAS 72403
PH. # 870-932-3594
FAX # 870-935-1263

INDEX - SHEET INDEX - CIVIL	
SHEET NUMBER	SHEET NAME
C001	NOT USED
C002	GENERAL NOTES
C003	BOUNDARY & TOPOGRAPHIC SURVEY
C004	SITE PLAN
C005	DEMOLITION PLANS
C006	UTILITY PLAN
C007	GRADING PLAN
C008	EROSION CONTROL PLAN
C009	LANDSCAPE PLAN
C010	STANDARD DETAILS
C011	STANDARD DETAILS
C012	EROSION CONTROL DETAILS



VICINITY MAP

RESOURCE LIST

1.

CITY OF JONESBORO - PLANNING AND ZONING

OTIS SPRIGGS, CITY PLANNER

307 VINE STREET

JONESBORO, AR 72401

870-932-0406
2.

CITY OF JONESBORO - ENGINEERING

CRAIG LIGHT, P.E.

CITY ENGINEER

307 VINE STREET

JONESBORO, AR 72401

870-932-2438
3.

CODES DEPT. FIRE MARSHALL

CRAIG DAVENPORT

3215 E. JOHNSON AVE.

JONESBORO, AR 72401

870-932-2458
4.

CITY WATER AND LIGHT - ENGINEERING

JAKE RICE, P.E., P.S. - MANAGER

400 EAST MONROE, P.O. BOX 1289

JONESBORO, AR 72403

870-932-3301, FAX: 870-930-3303

SUSAN MERIDETH - ACTING ENGINEERING SERVICES DIRECTOR

870-930-3320
5.

CENTERPOINT ENERGY

KEITH CRAIG - SERVICE TECHNICIAN

3013 OLD FEEDHOUSE ROAD

JONESBORO, AR 72404

CELL: 870-897-3750
6.

AT&T

723 CHURCH, ROOM B 27

JONESBORO, AR 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 CARAWAY ROAD

JONESBORO, AR 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

GENERAL NOTES

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 05031CD044C (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.

BENCHMARK LIST

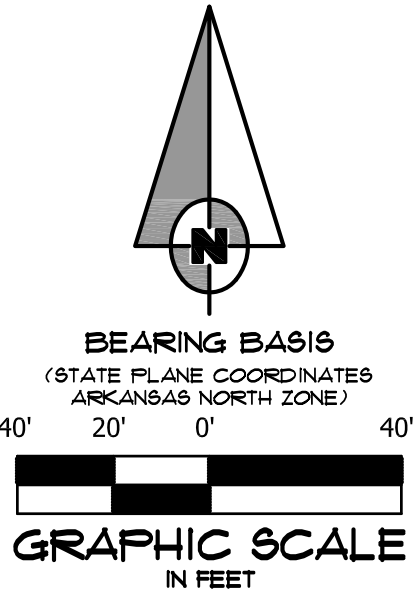
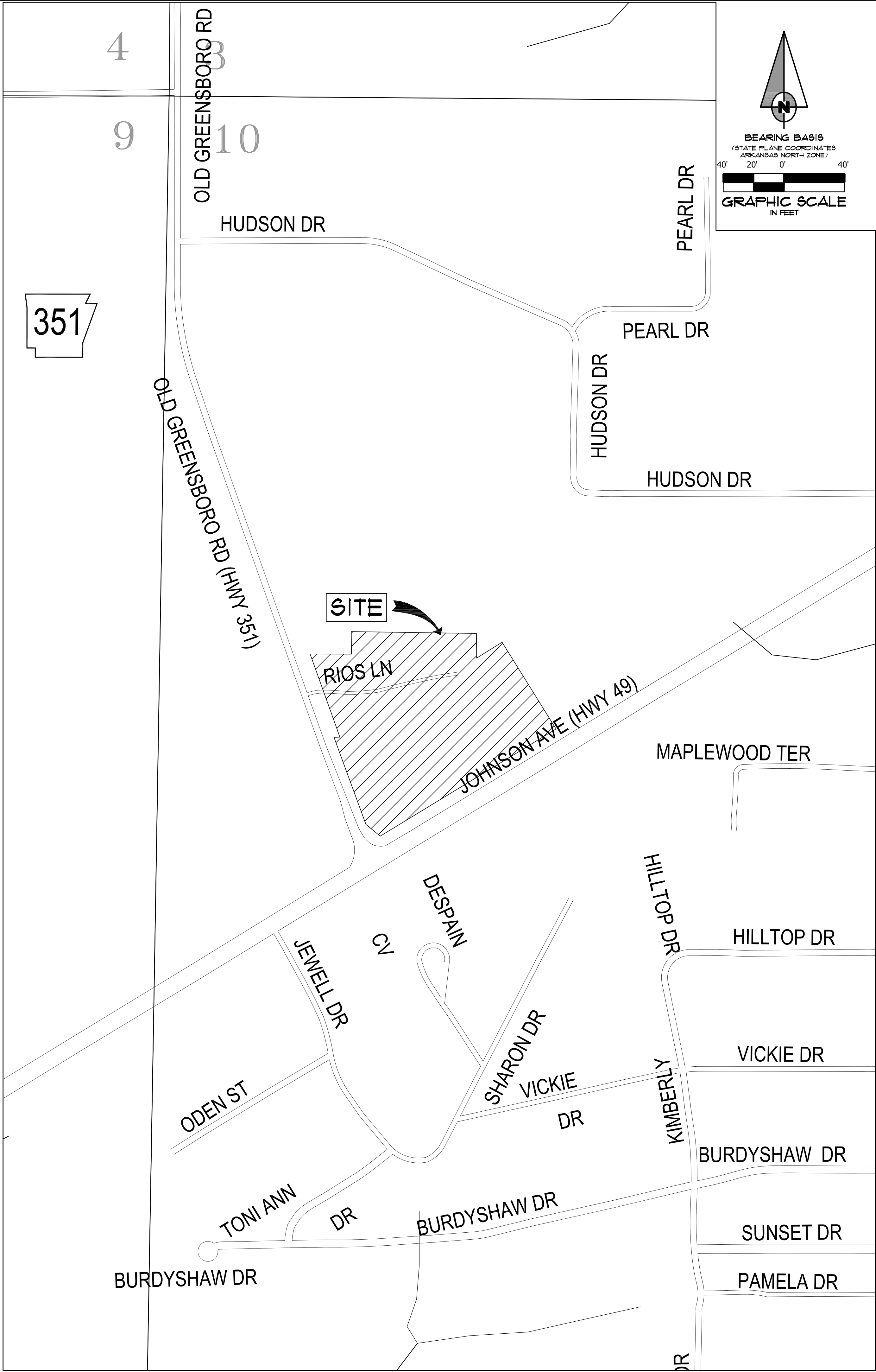
1.

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 3 FEET SOUTH AND 116 FEET EAST OF THE SOUTHEAST CORNER OF SUBJECT PROPERTY.
ELEV. = 265.94 (NAVD 88)
BENCHMARK #2 IS CHISELED SQUARE IN CENTER OF INLET ON THE EAST SIDE OF MCCLELLAN DRIVE LOCATED APPROXIMATELY 218 FEET NORTH AND 14 FEET EAST OF THE SOUTHWEST CORNER OF SUBJECT PROPERTY.
ELEV. = 274.16 (NAVD 88)

LEGEND

BOUNDARY LINE LOT LINES FOUND IRON PIPE FOUND COTTON-PICKER SPINDLE FOUND REBAR FOUND IRON PIPE W/ FLG XXX CAP CITY OF JONESBORO G.P.S. MONUMENT BENCH MARK RAW MONUMENT SET 1 1/4" IRON PIPE W/ FLG #549 CAP EXISTING SANITARY SEWER LINE PROPOSED SANITARY SEWER LINE EXISTING SANITARY SEWER MANHOLE PROPOSED SANITARY SEWER MANHOLE EXISTING SANITARY SEWER CLEANOUT PROPOSED SANITARY SEWER CLEANOUT PROPOSED SANITARY SEWER SERVICE LINE EXISTING WATER LINE PROPOSED WATER LINE EXISTING WATER METER PROPOSED WATER METER WATER VALVE	FIRE HYDRANT VALVE BOX FIRE PROTECTION EXISTING OVERHEAD ELECTRICAL LINE EXISTING UNDERGROUND ELECTRICAL LINE ELECTRIC TRANSFORMER/ELECTRIC METER POWER POLE POWER JUNCTION COMM. BOX SIGN LIGHTS/FLOOR LIGHTS LIGHT POLE (SINGLE) LIGHT POLE (BACK-BACK) LIGHT POLE (3 @ 90°) TRAFFIC SIGN TRAFFIC SIGNAL TRAFFIC LIGHT CONTROL TRAFFIC SIGNAL W/ POLE EXISTING OVERHEAD COMMUNICATION LINE EXISTING UNDERGROUND COMMUNICATION LINE EXISTING GAS LINE GAS METER EXISTING STORM WATER MANHOLE	GRADED INLET DOWNSPOUT SPRINKLER CONTROL MAILBOX TRASH COMPACTOR COLUMN BOLLARD HANDICAP SIGN EXISTING FENCE LINE EXISTING GROUND CONTOUR FINISHED GROUND CONTOUR EXISTING TREE/SHRUB Basin Boundary DRAINAGE FLOW GENERAL DRAINAGE FLOW SWALE FLOW DIRECTION SILT FENCE ROCK CHECK DAM RIP RAP AREA INLET PROTECTION ROCK CHECK DAM
---	---	--



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

Associated Engineering & Testing, LLC

NO. 289

STATE OF ARKANSAS

NO.	DESCRIPTION	DATE

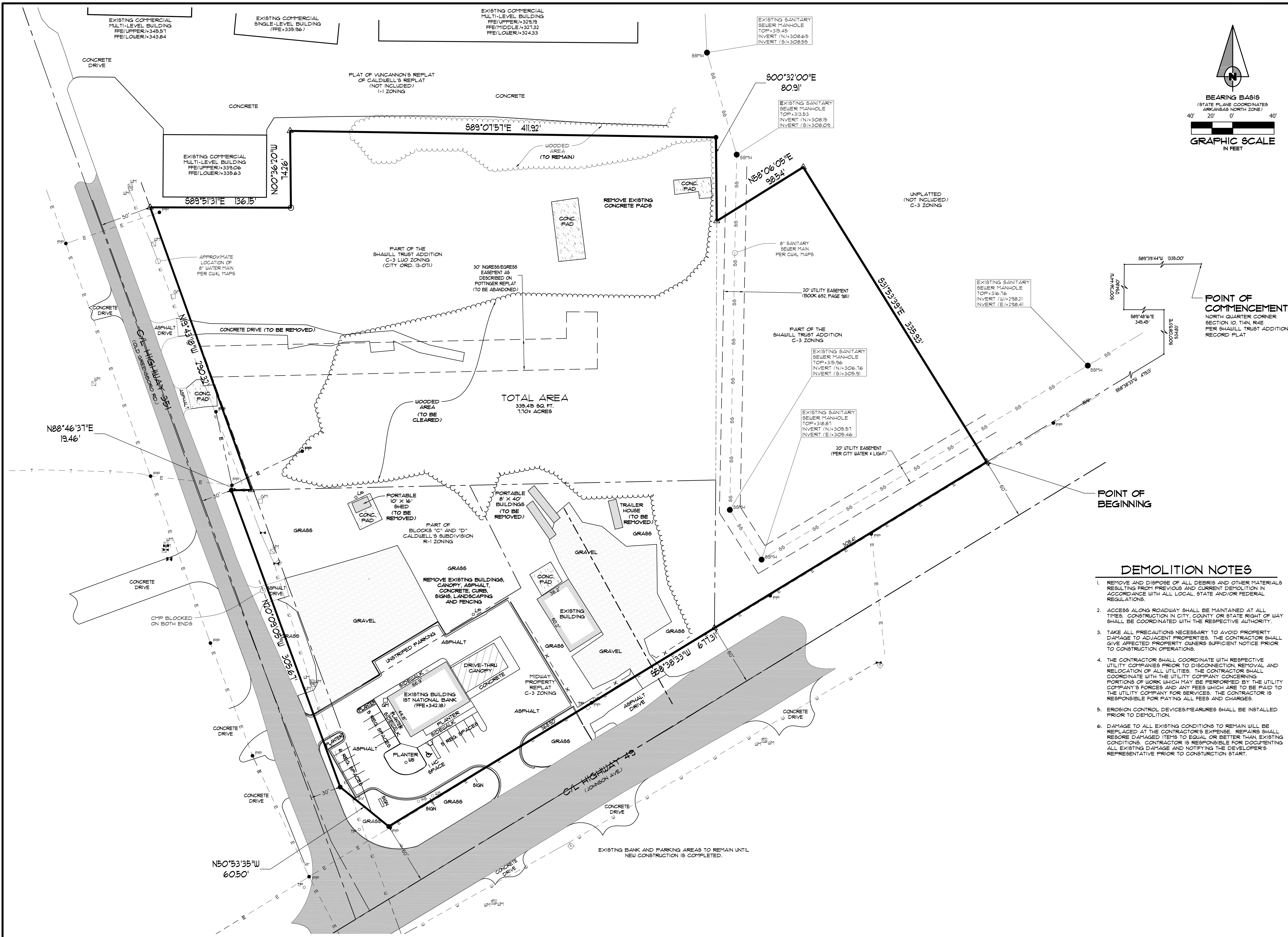
GENERAL NOTES

DATE: 06/27/16 DRAIN: CMH

CADD FILE: 15165-SDP CHECKED: JME

DWG#: 0414104.000X SHEET

SCALE: 1" = 40' C002



FIRST NATIONAL BANK

3500 EAST JOHNSON AVENUE

Hwy. 49 & Hwy. 351

JONESBORO, ARKANSAS

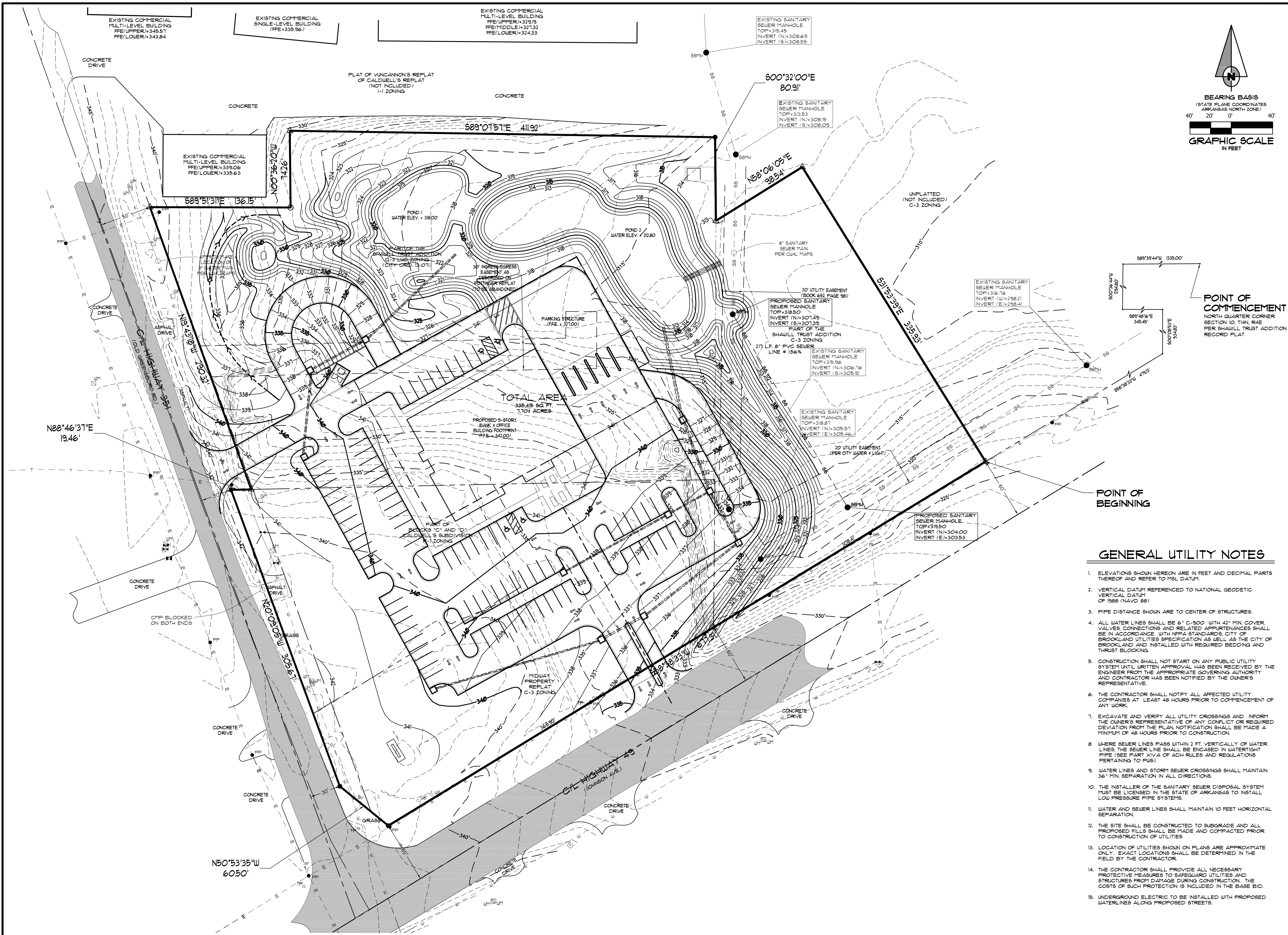
ASSOCIATED
ENGINEERING, LLC

CIVIL ENGINEERING • LAND SURVEYING
LAND PLANNING

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JONESBORO, AR 72403
PH: 870-932-3394 • FAX: 870-935-1263

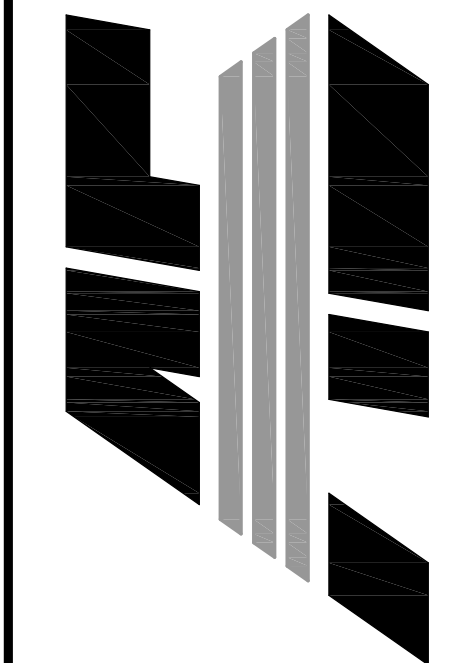
DEMOLITION PLAN

DATE: 06/27/16 DRAIN: CCH
CADD FILE: 15165-SDP CHECKED: JME
DWG#: 0414104.000X SHEET
SCALE: 1" = 40' C005



FIRST NATIONAL BANK
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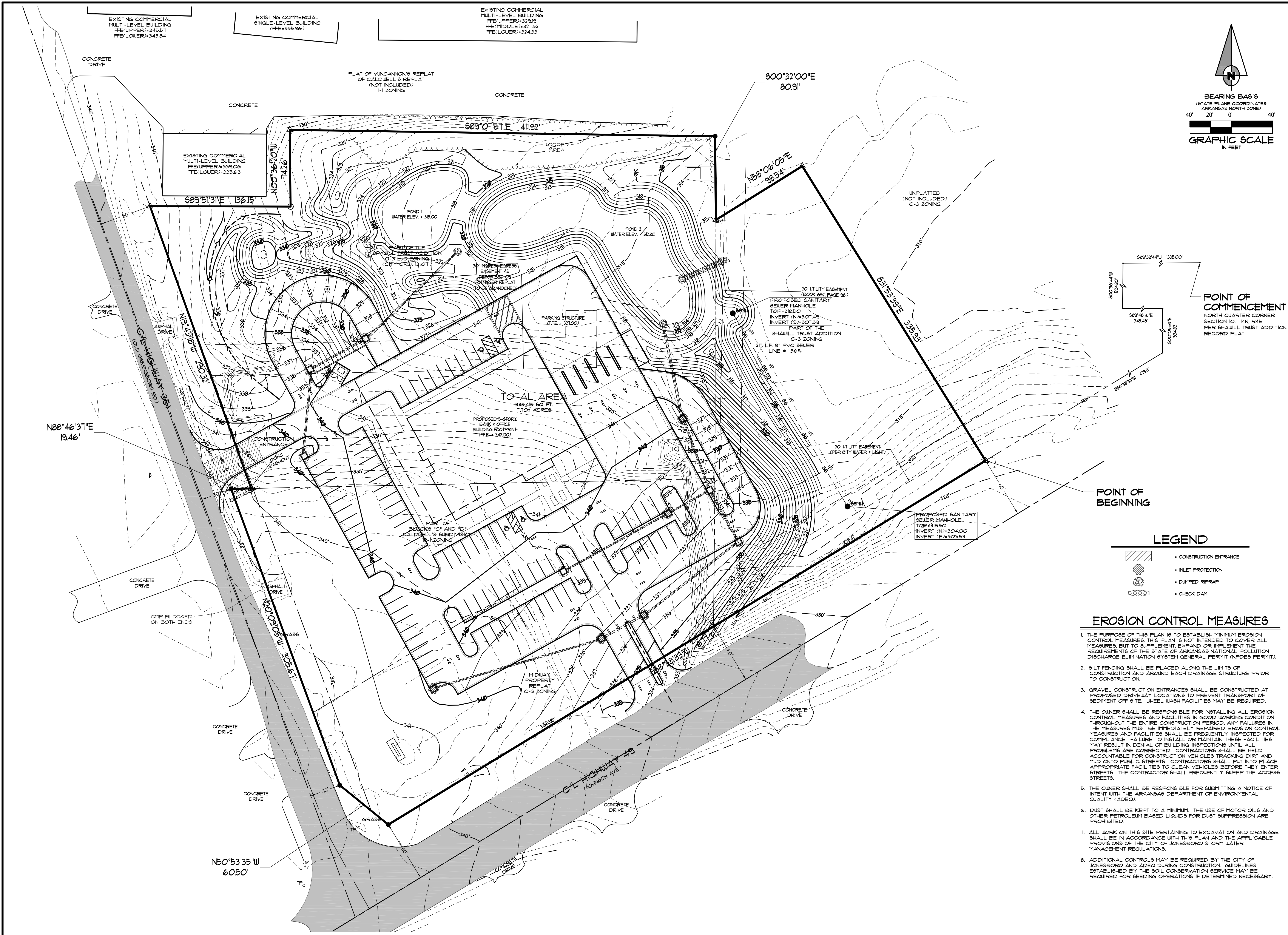
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NO.	DESCRIPTION	DATE

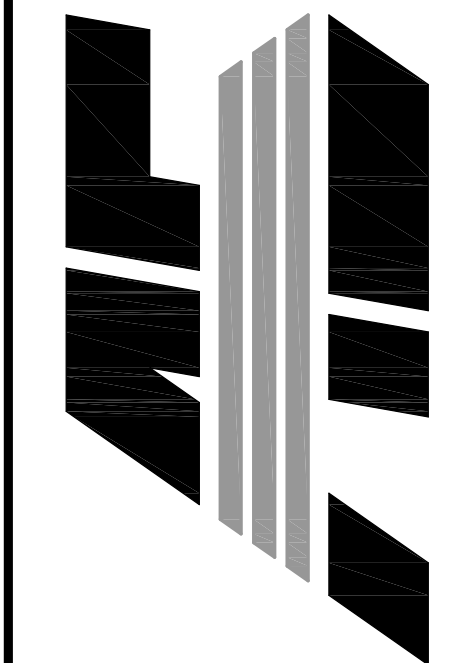
UTILITY PLAN

DATE: 06/27/16	DRAWN: CCH
CADD FILE: 15165-SDP	CHECKED: JME
DWG# 0414104.000X	SHEET
SCALE: 1" = 40'	C006



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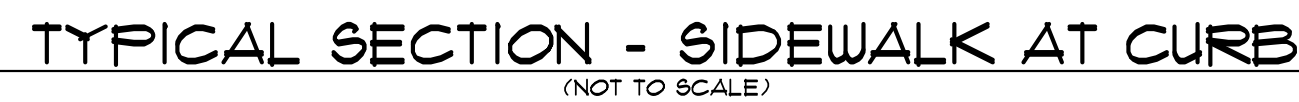
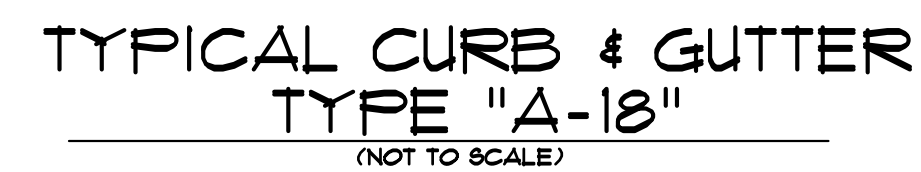
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NO.	DESCRIPTION	DATE

EROSION CONTROL
PLAN

DATE: 06/27/16	DRAWN: CCH
CADD FILE: 15165-SDP	CHECKED: JME
DWG# 0414104.000X	SHEET
SCALE: 1" = 40'	C008



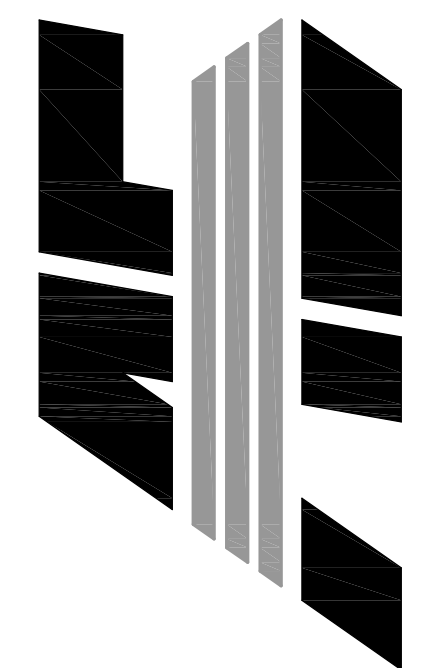
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JONESBORO, ARKANSAS

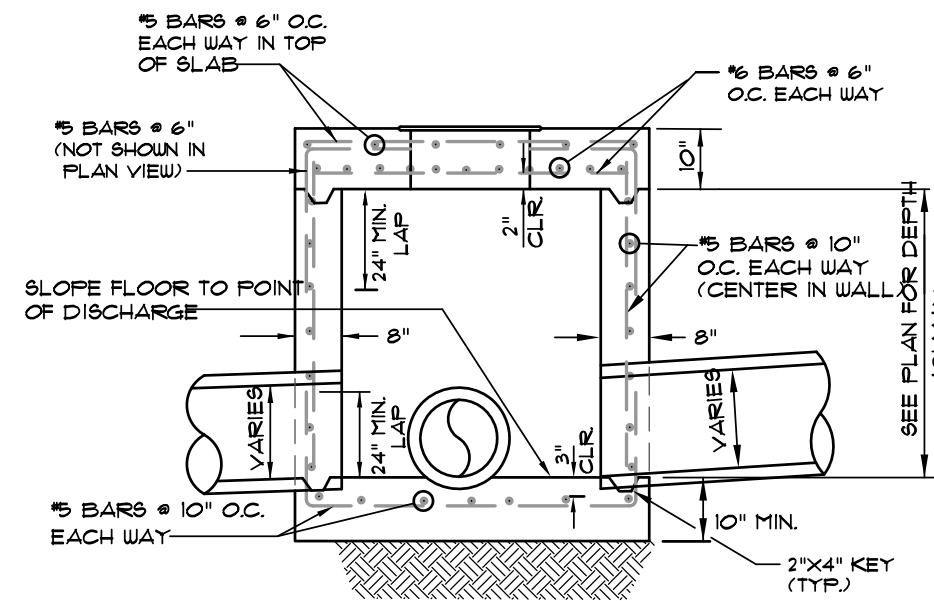
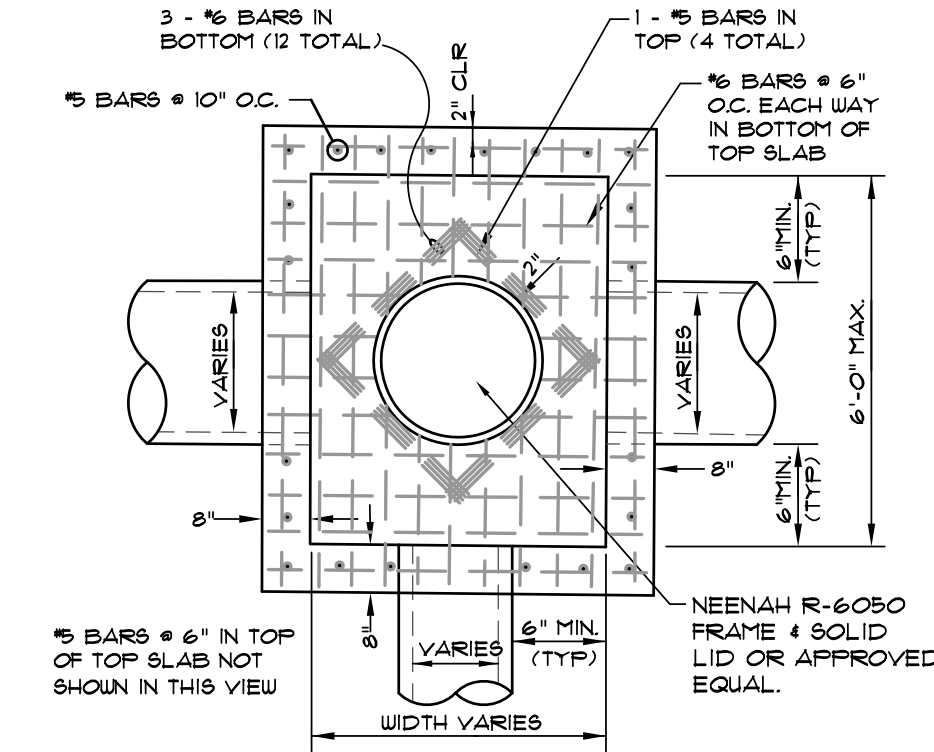
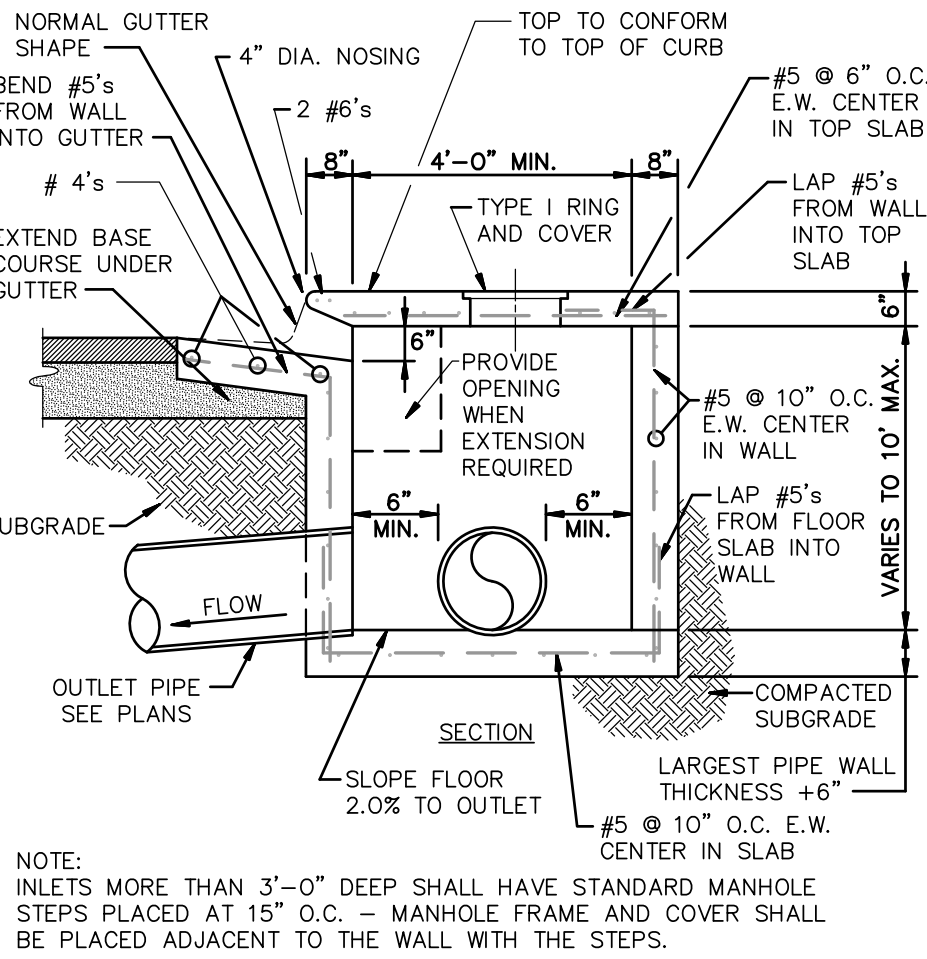
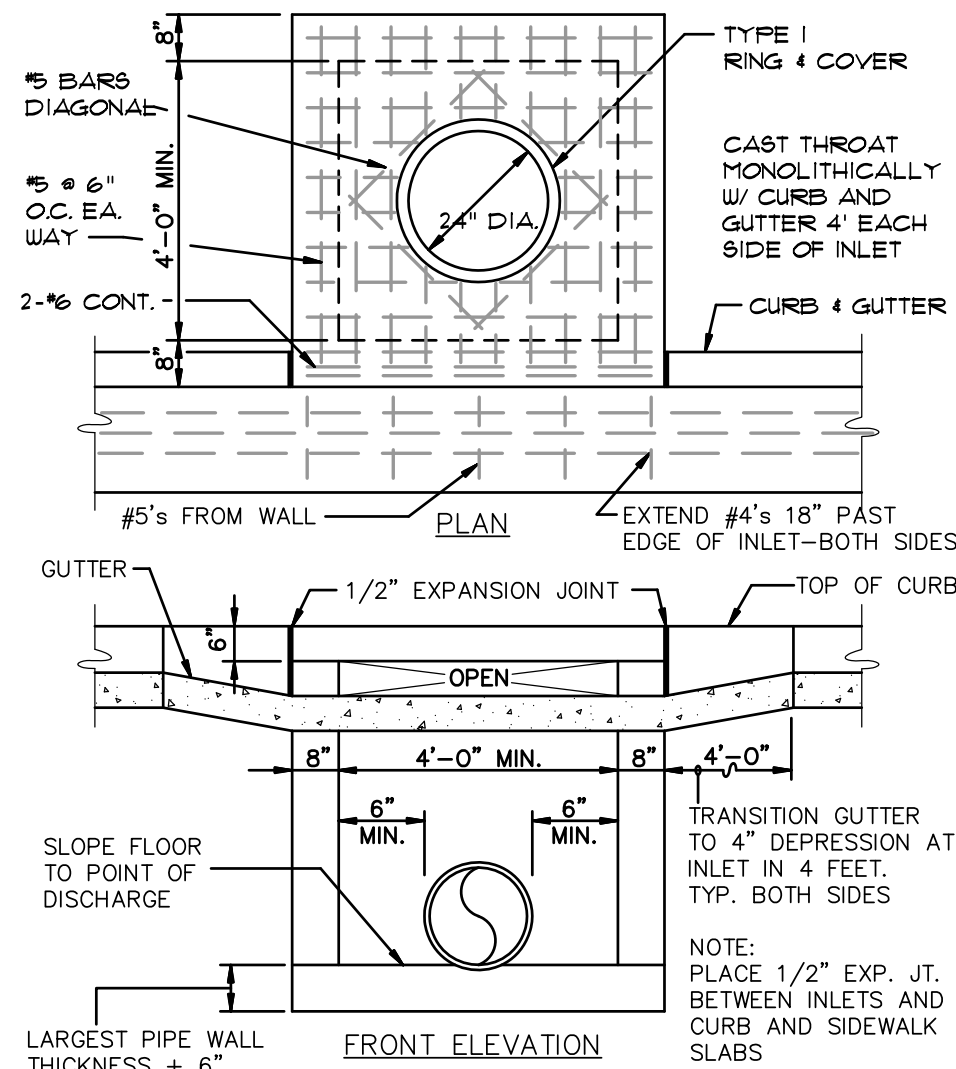
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STANDARD DETAILS

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



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

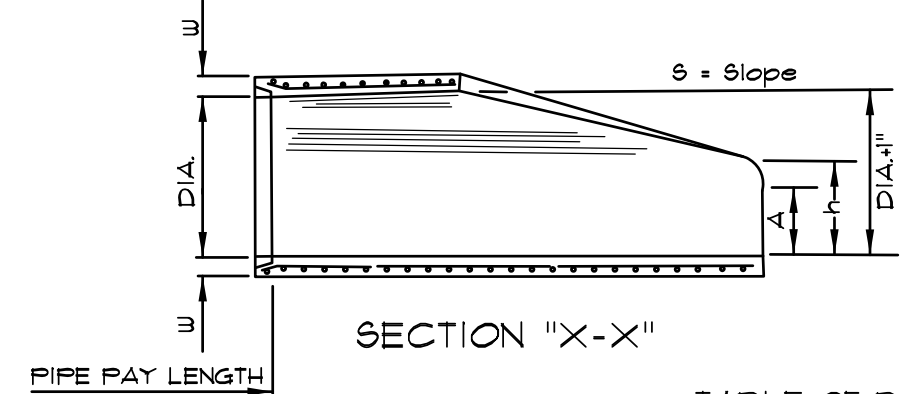
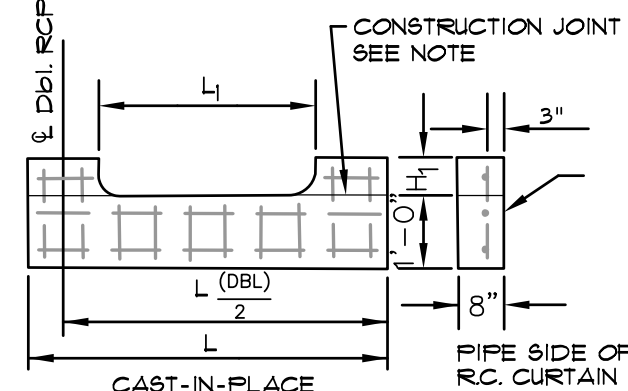
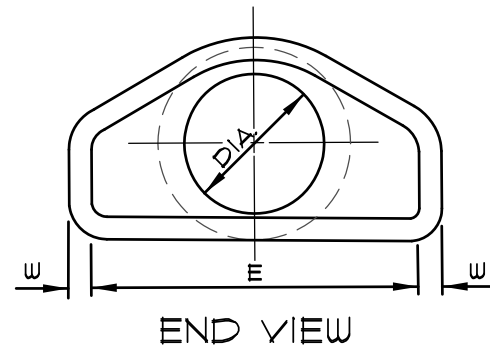
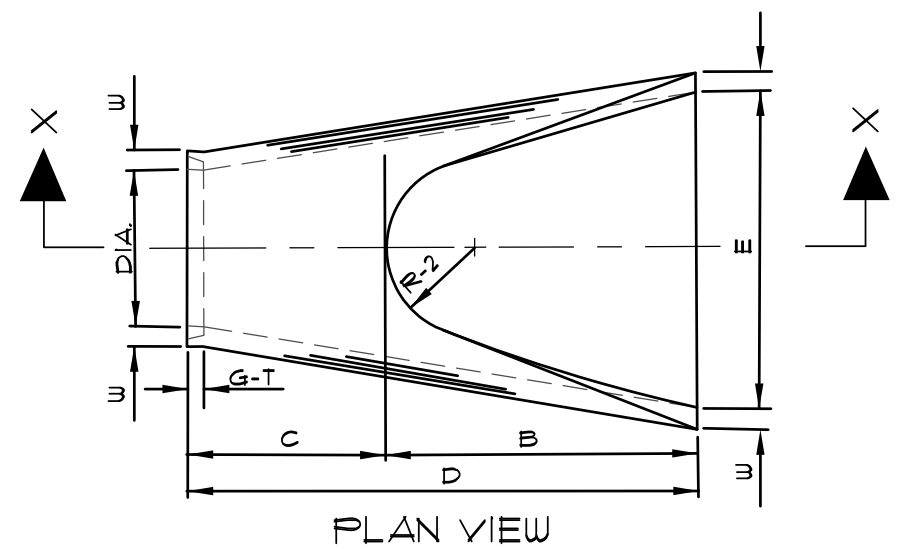
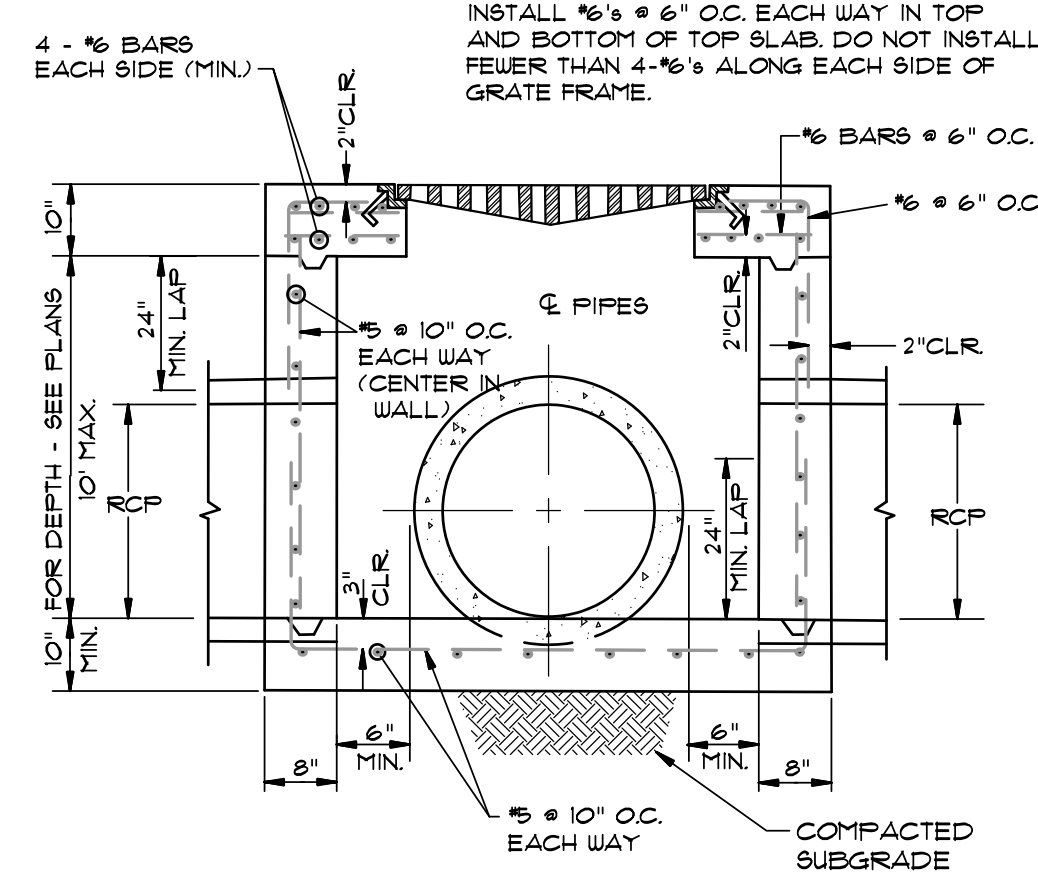
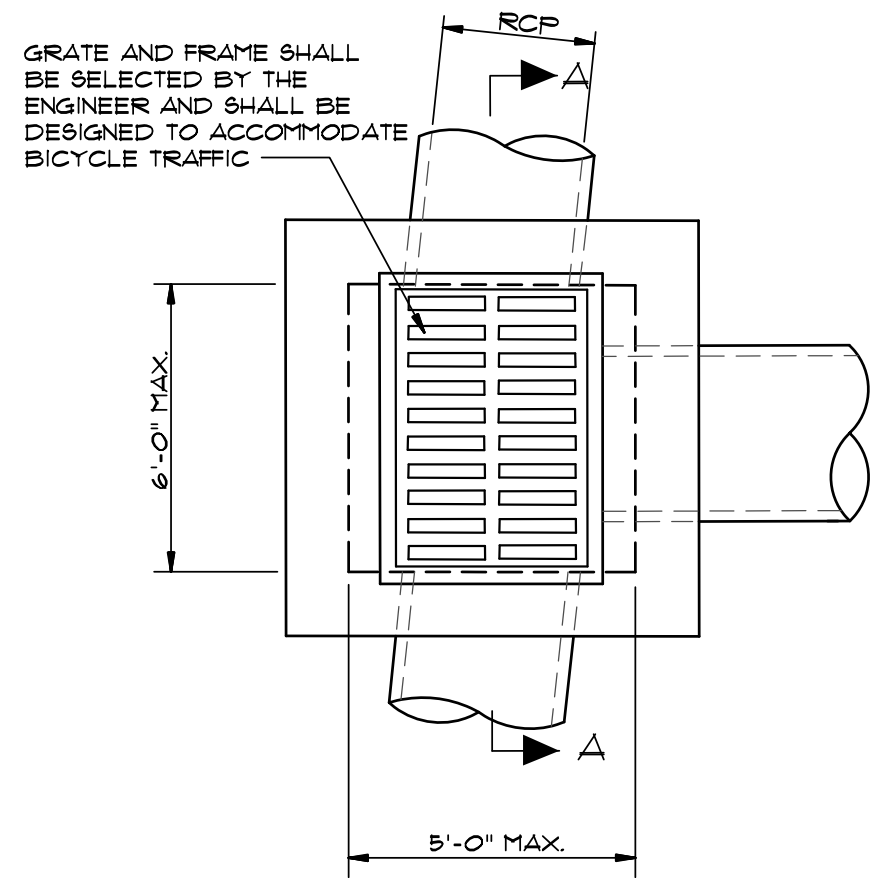


TABLE OF DIMENSIONS

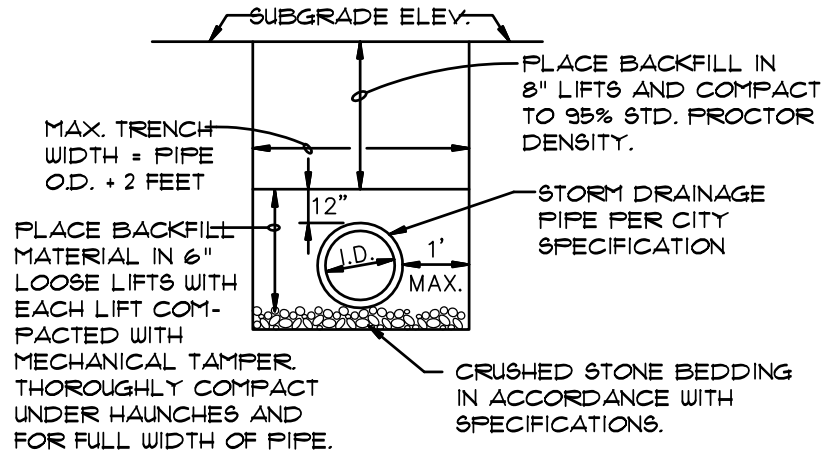
DIA.	WALL	A	B	C	D	E	S	DIA. ± 1"	P	R-1	R-2	G-T	WT	h
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	3:1	19"	29"	15 1/2"	12"	2"	1000	1'-0 1/2"
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	3:1	25"	33 3/16"	16 13/16"	14"	2 1/2"	1800	1'-1 1/2"
30"	3 1/2"	1'-0"	4'-6"	1'-7 3/4"	8'-1 3/4"	5'-0"	3:1	31"	37"	18 1/2"	15"	3 1/4"	1940	1'-4 5/8"
36"	4"	1'-3"	5'-3"	2'-10 3/4"	8'-3 3/4"	6'-0"	3:1	39"	47 13/16"	24 5/16"	20"	3 1/2"	4100	1'-8"
42"	4 1/2"	1'-9"	5'-3"	2'-11"	8'-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"	8'-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"	8'-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"	8'-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"	8'-4"	9'-0"	3:1	73"	77 13/16"	38 15/16"	24"	5"	13250	4'-6"

- NOTES:
1. 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.
 2. ALL REINFORCING STEEL ARE #4 BARS AT 6" O.C.
 3. NO SEPARATE PAYMENT WILL BE MADE FOR THE CURTAIN WALLS. THEY SHALL BE CONSIDERED SUBSIDIARY TO THE FLARED END SECTIONS.
 4. TONGUE END ON UPSTREAM SECTION. GROOVE END ON DOWNSTREAM SECTION.

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

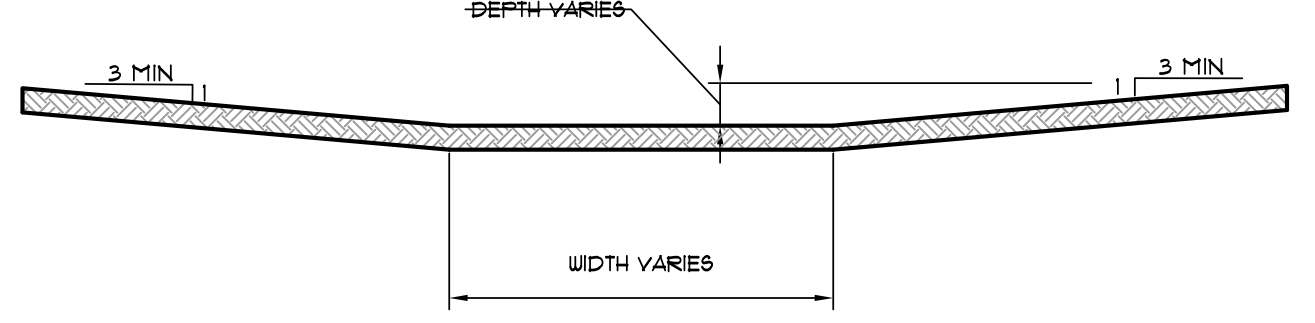


- NOTES:
1. SHOULD BE USED TO ACCOMMODATE VEHICULAR TRAFFIC.
 2. JUNCTION BOXES MORE THAN 3 FEET DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED @ 15" O.C.
 3. SEE REINFORCING DETAIL FOR OPENING IN WALL OR SLAB.



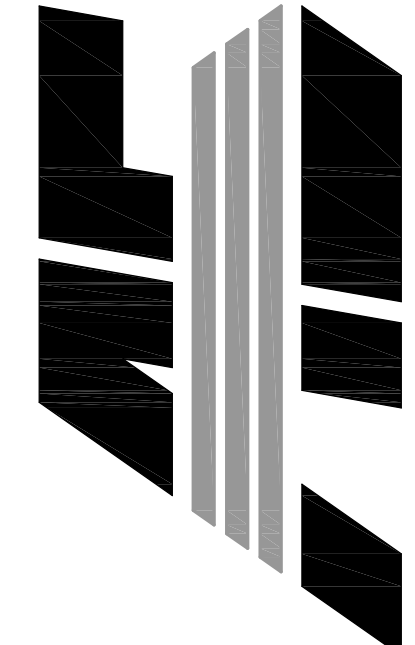
DRAINAGE PIPE TRENCH DETAIL

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



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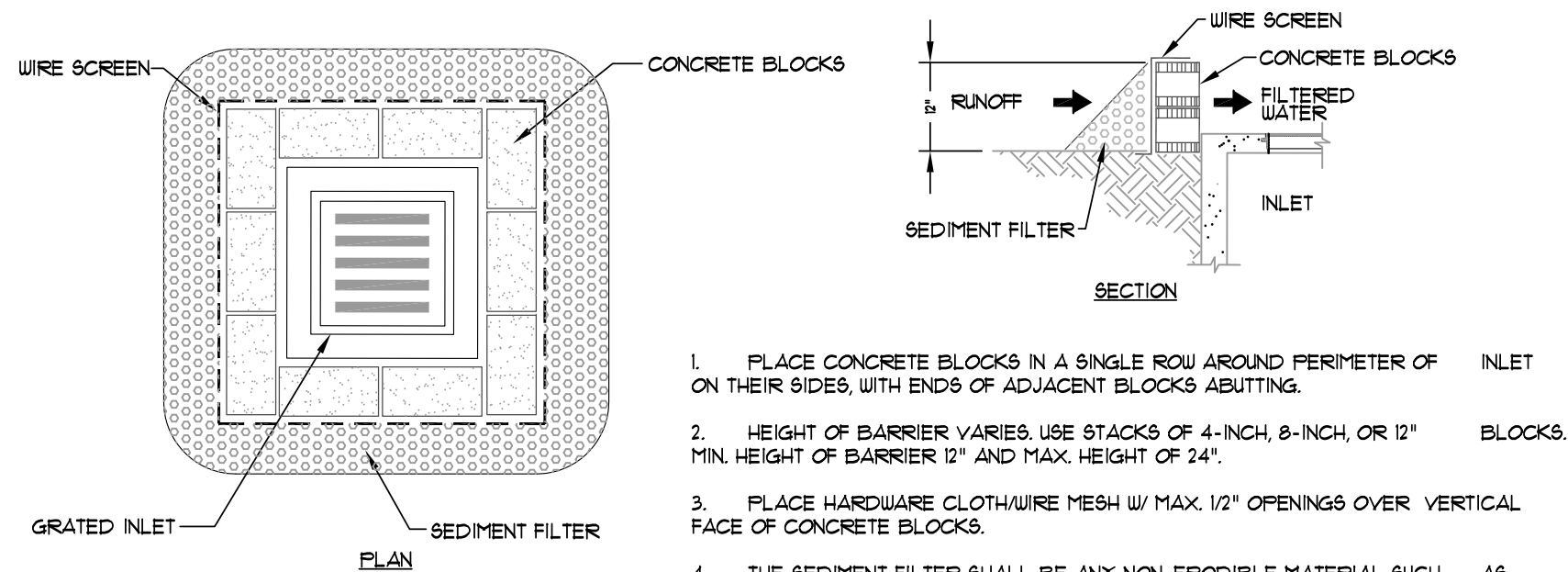
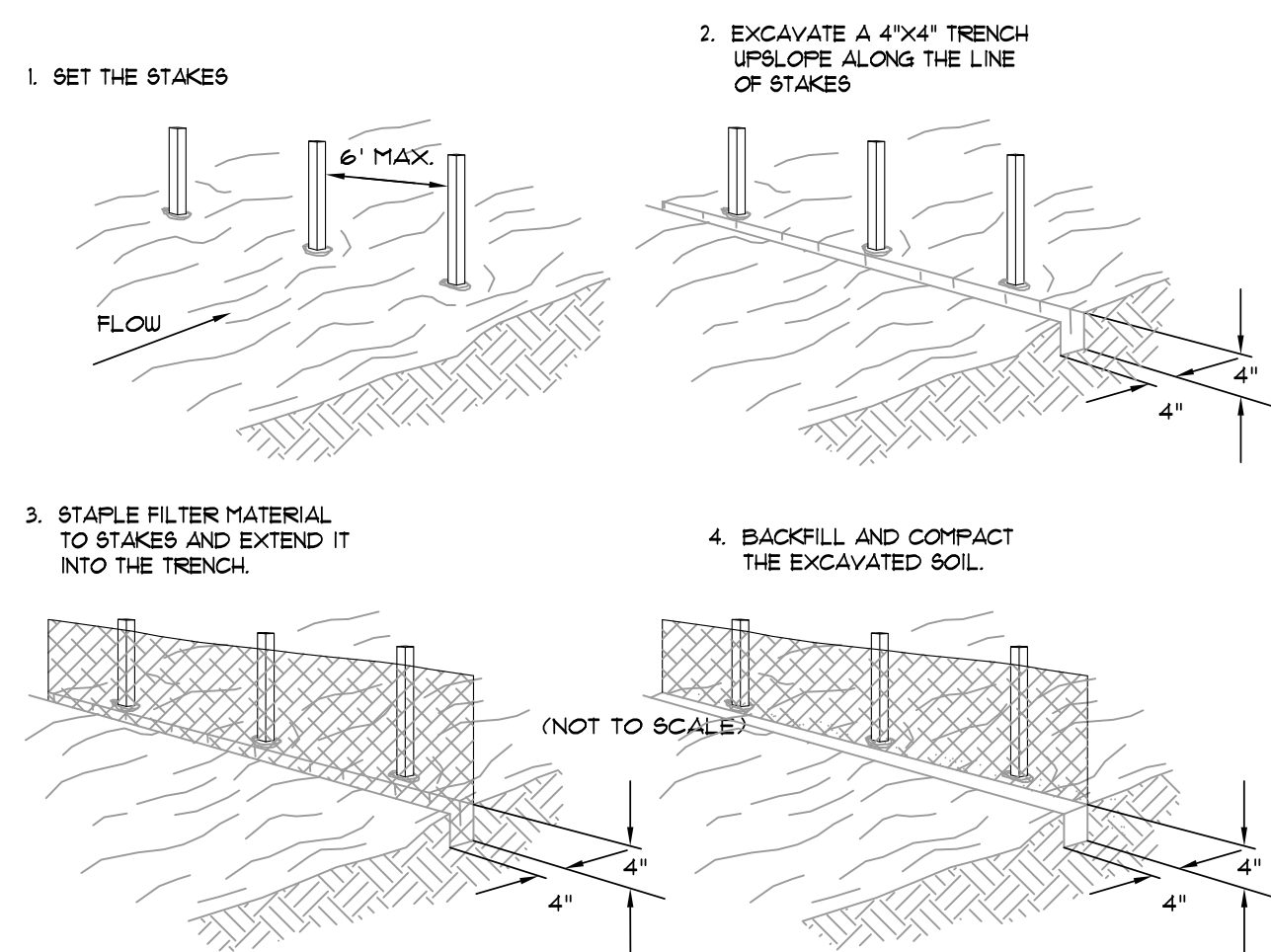
ASSOCIATED ENGINEERING, LLC
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JONESBORO, AR 72403
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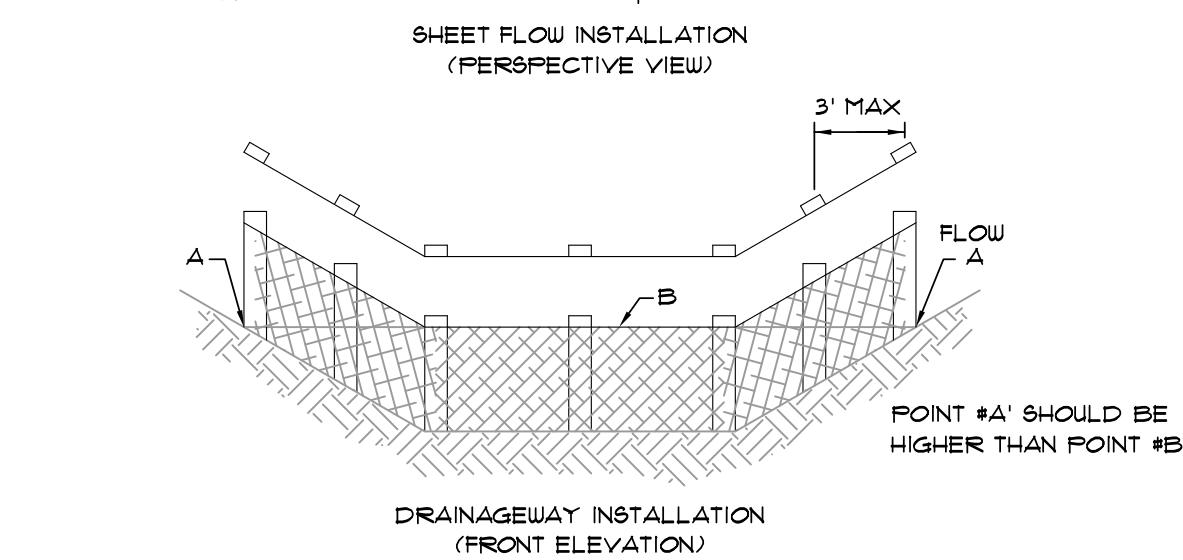
NO.	DESCRIPTION	DATE

STANDARD DETAILS

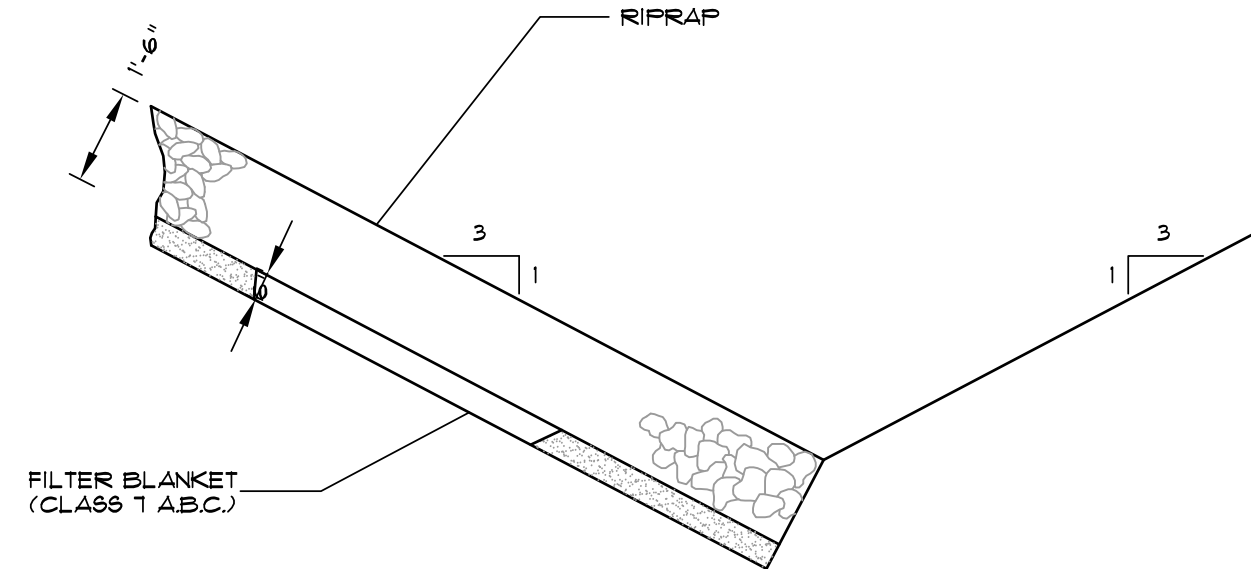
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CADD FILE: 15165-SDP	CHECKED: JME
DWG#: 0414104.000X	SHEET
SCALE: 1" = 40'	C011



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

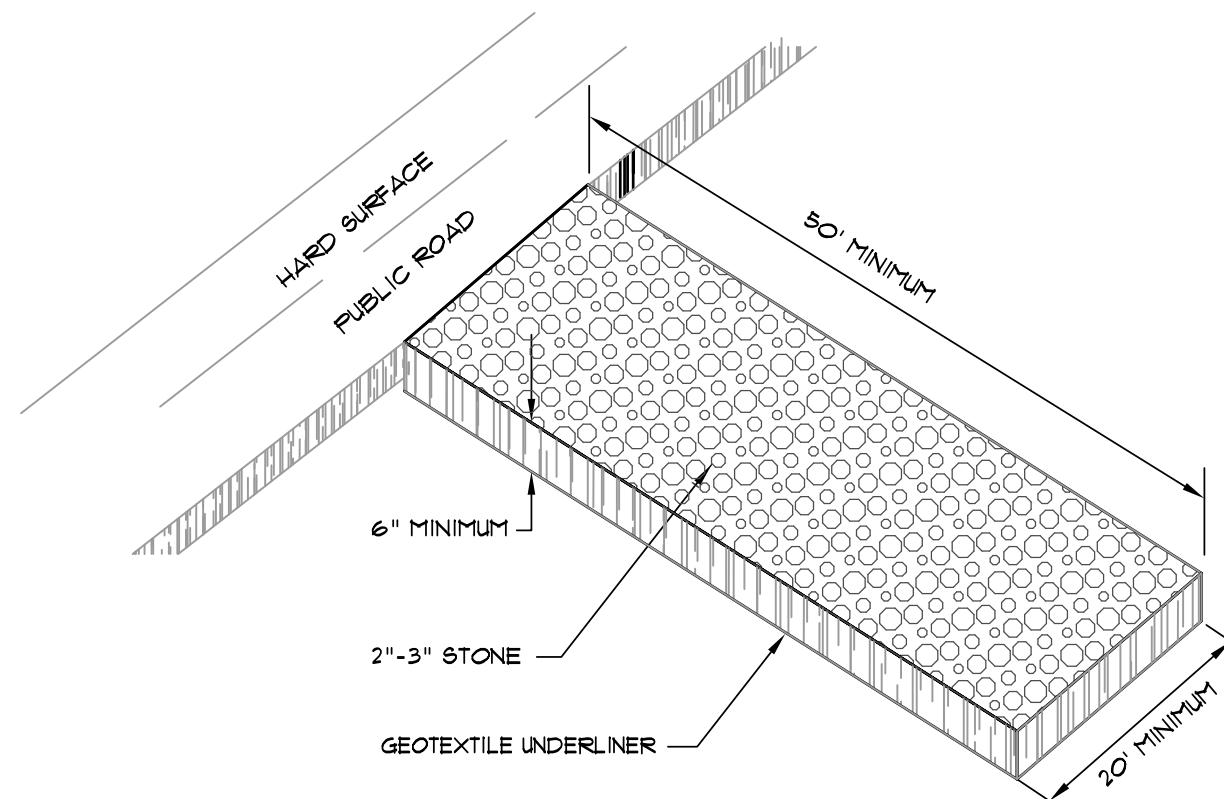


FILTER BARRIER
SCALE: 1/4" = 1'-0"

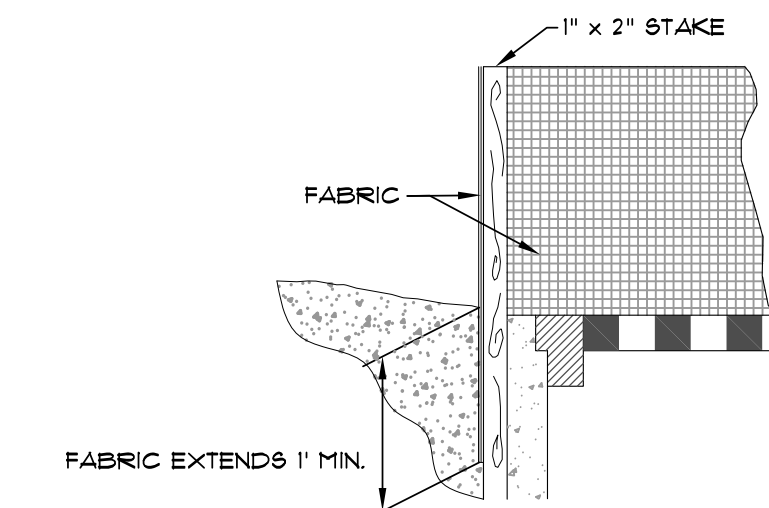
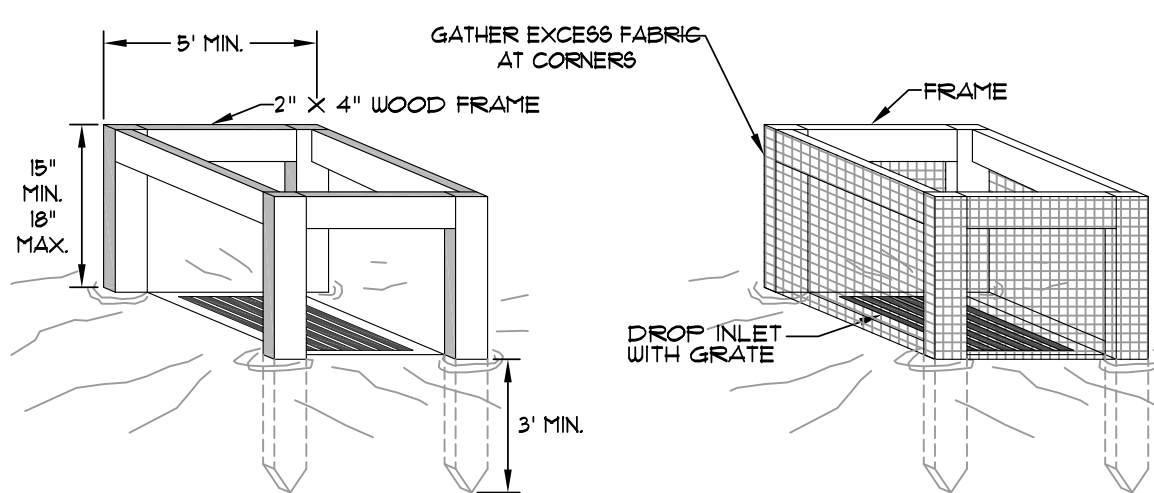
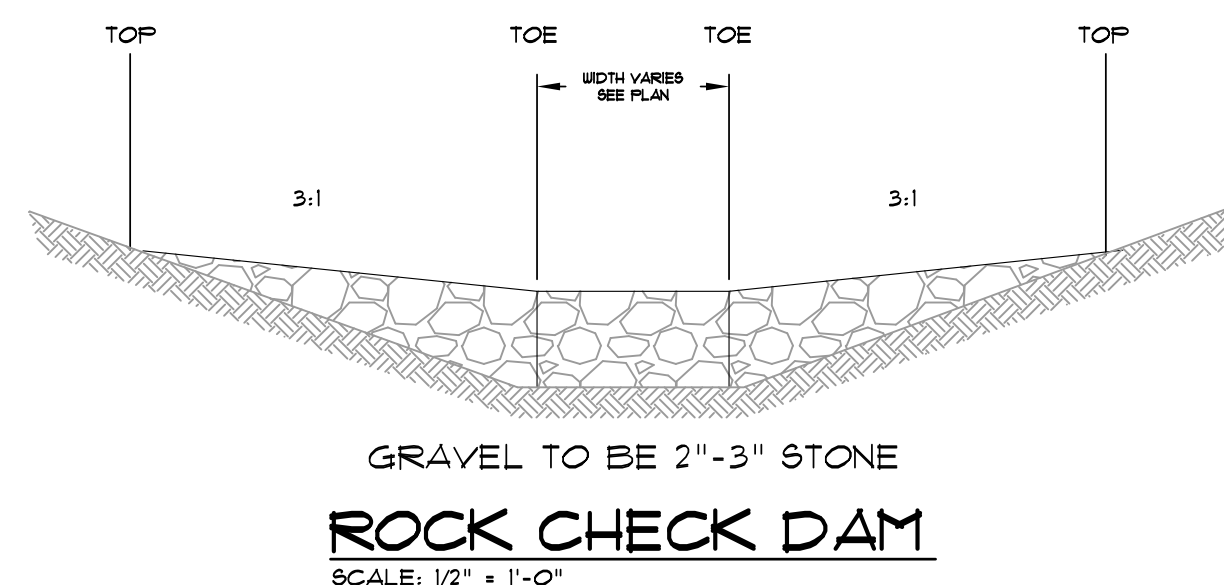
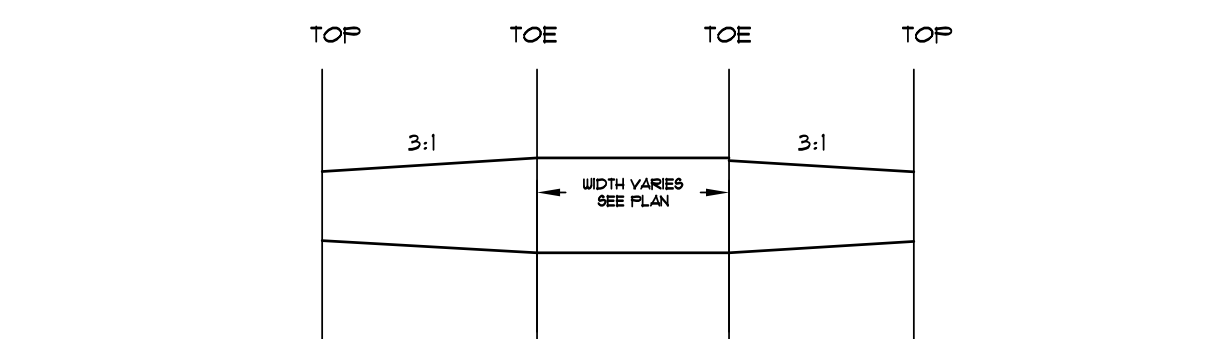


NOTE: IN LIEU OF AN AGGREGATE FILTER BLANKET, A SYNTHETIC FIBER GEOTEXTILE FABRIC MEETING THE REQUIREMENTS OF AASHTO M288 MAY BE USED. IN LIEU OF RIPRAP, AN EROSION CONTROL MAT MAY BE USED.

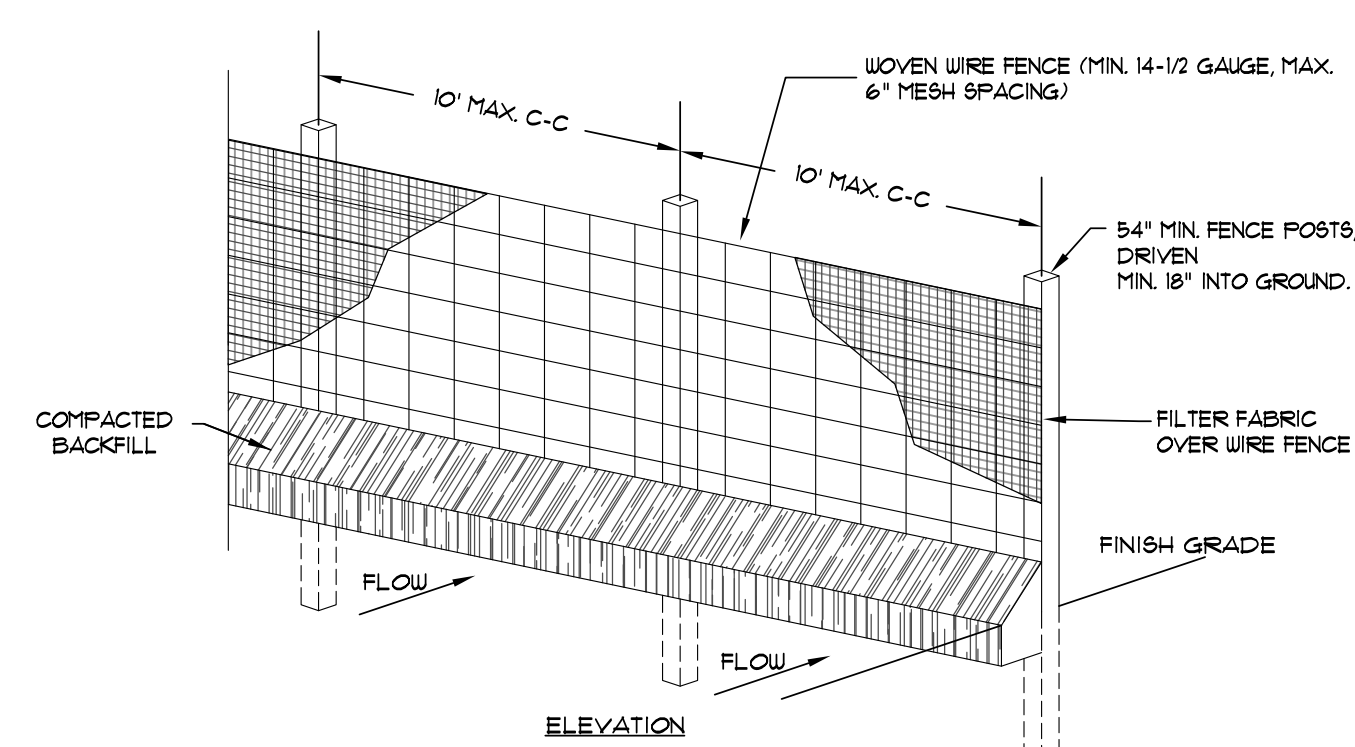
SECTION - DUMPED RIPRAP
TOE EXCAVATION IN SOIL



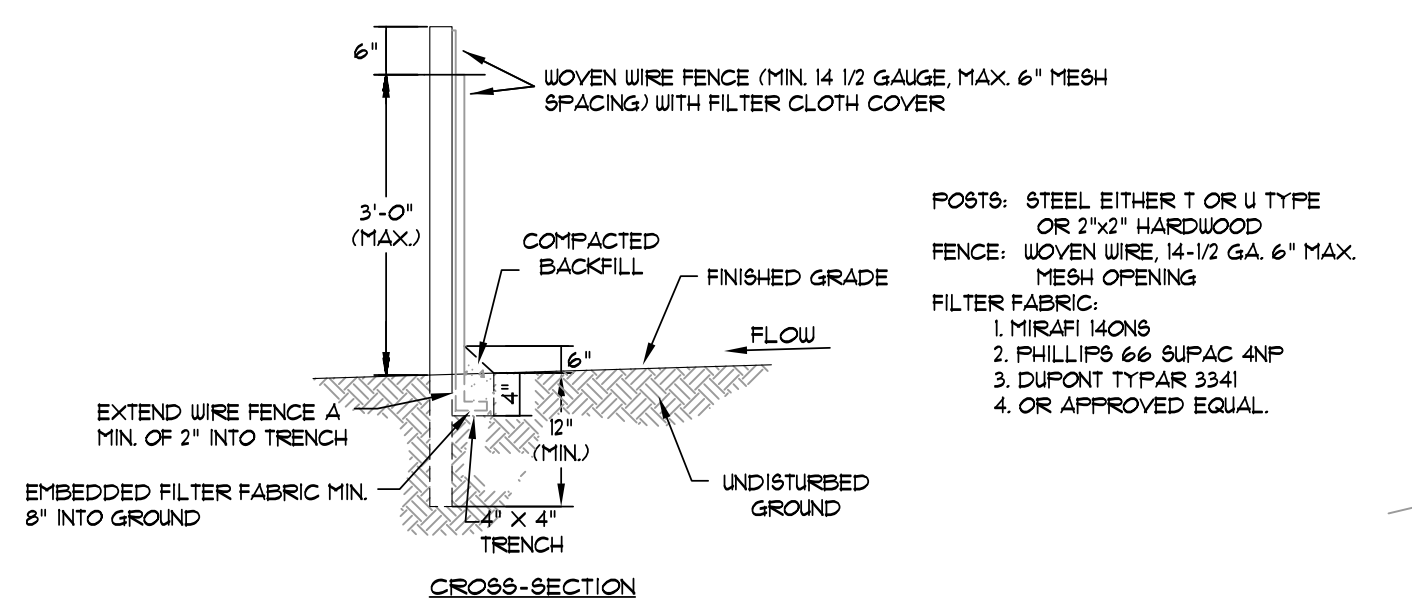
CONSTRUCTION ENTRANCE
NOT TO SCALE



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

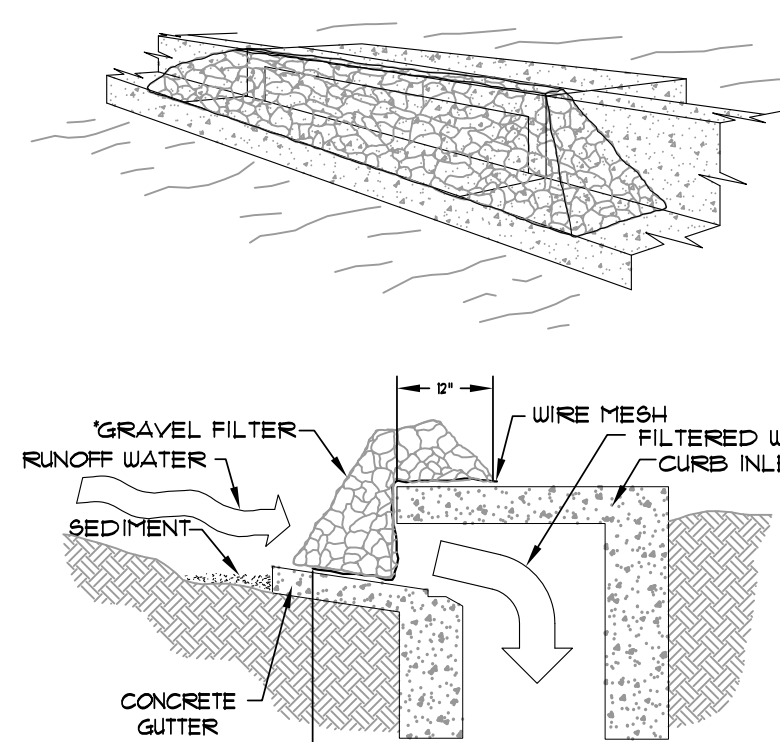


EXCAVATED INLET SEDIMENT TRAP
SCALE: 1/4" = 1'-0"

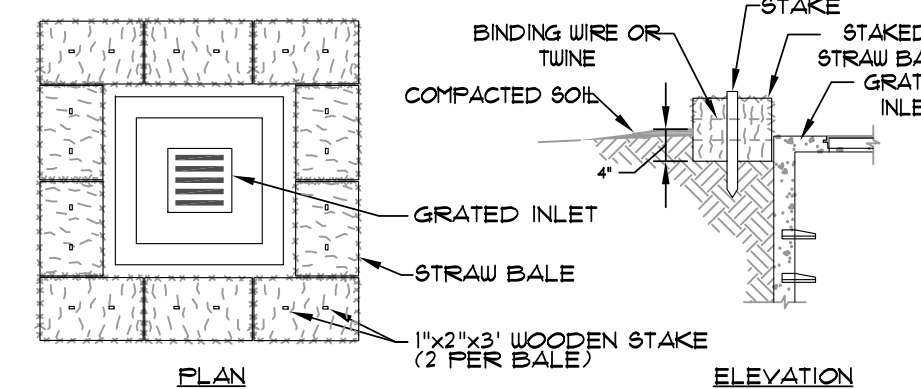


SILT FENCE
NOT TO SCALE

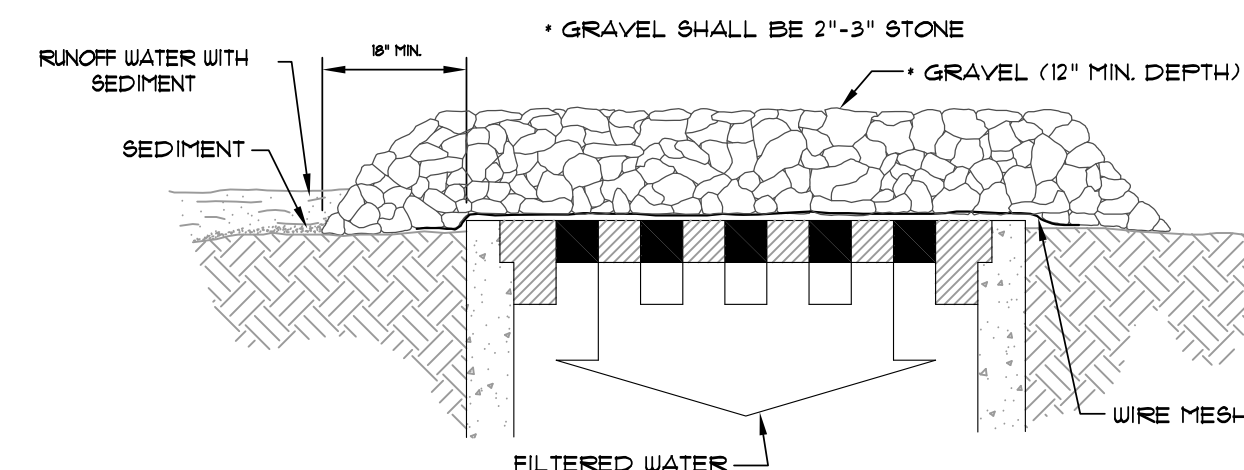
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



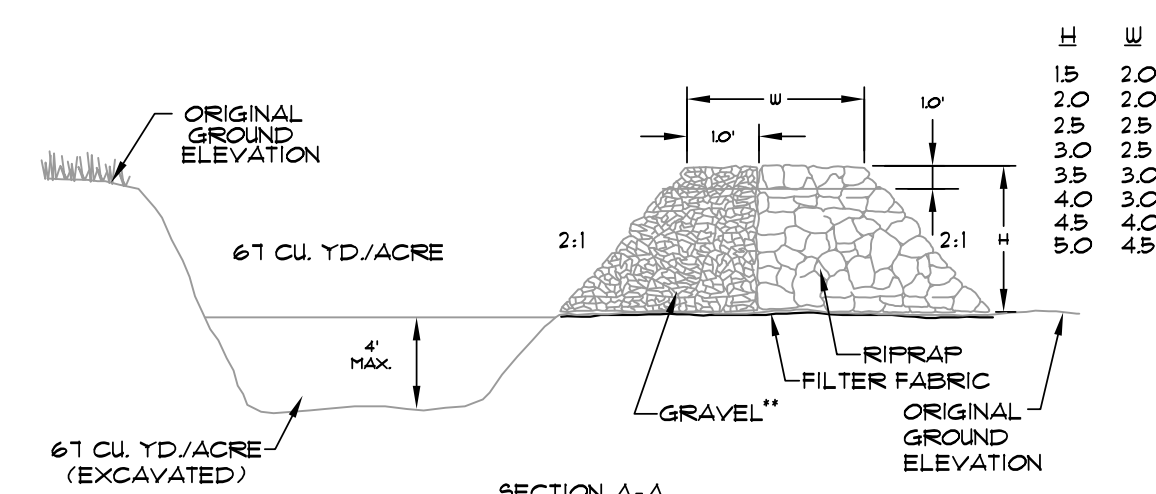
GRAVEL CURB INLET SEDIMENT FILTER
SCALE: 1/2" = 1'-0"



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



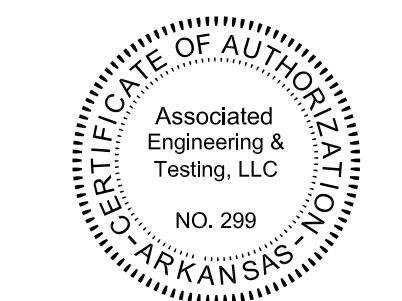
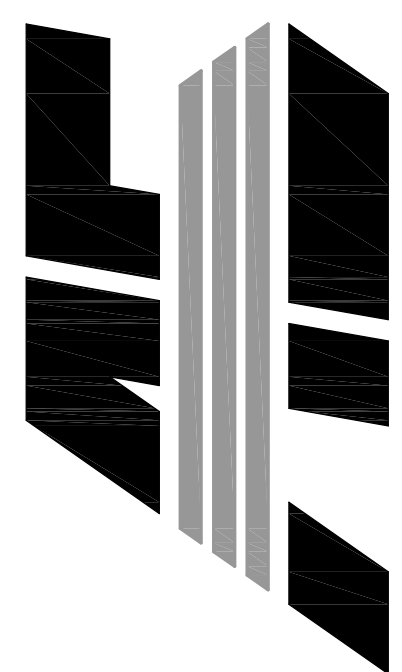
GRAVEL AND WIRE MESH INLET SEDIMENT FILTER
SCALE: 1/2" = 1'-0"



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

FIRST NATIONAL BANK
3500 EAST JOHNSON AVENUE
HUT. 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

EROSION CONTROL DETAILS

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