

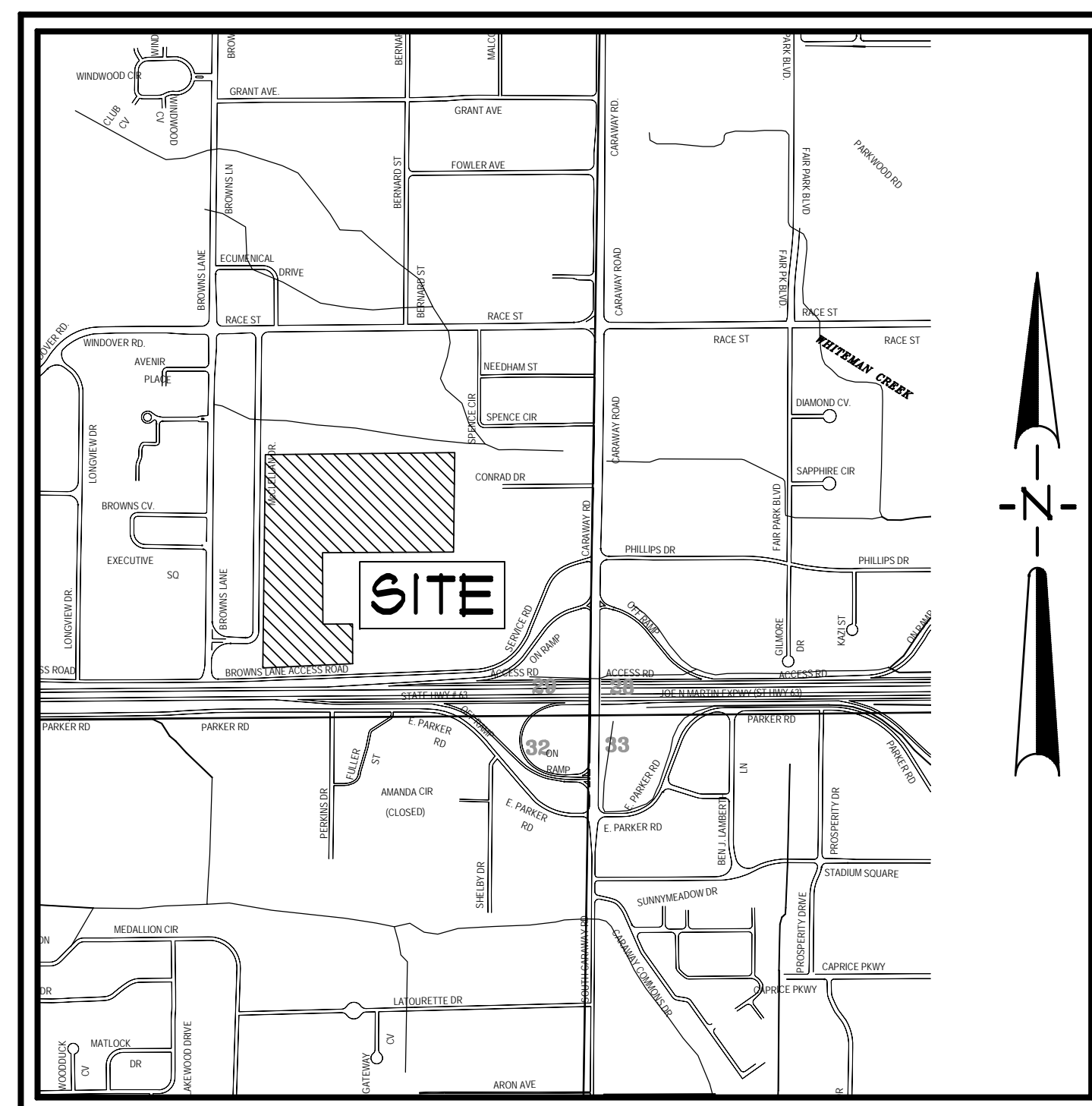
COMMERCIAL SITE DEVELOPMENT PLANS

CENTRE PARK ADDITION PHASE 2

BROWNS LANE ACCESS

PREPARED FOR
CENTERLINE, LLC

JONESBORO, ARKANSAS
SEPTEMBER, 2016



VICINITY MAP

SCALE: 1" = 1,000'



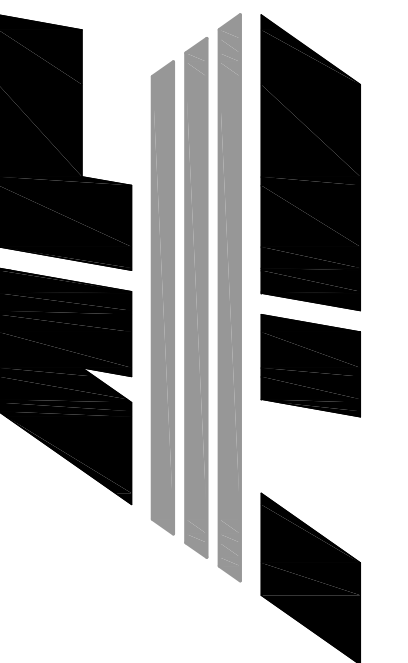
Know what's below.
Call before you dig.

INDEX TO SHEETS

- C001 INDEX SHEET
- C002 GENERAL NOTES
- C003 TOPOGRAPHIC SURVEY
- C004 RECORD PLAT
- C005 SITE PLAN
- C006 UTILITY PLAN
- C007 GRADING PLAN
- C008 EROSION CONTROL
- C009 PLAN & PROFILE SHEET/STANDARD DETAILS
- C010 STANDARD DETAILS
- C011 EROSION CONTROL DETAILS

CENTRE PARK ADDITION
PHASE 2
BROWNS LANE ACCESS
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

COVER SHEET

DATE: 09/27/16 DRAIN: CCH
CADD FILE: 13179-SDP-C CHECKED: JME
DWG#: 0414292.0039 SHEET
SCALE: AS SHOWN C001

RESOURCE LIST

- CITY OF JONESBORO - PLANNING AND ZONING
OTIS SPRIGGS, CITY PLANNER
301 VINE STREET
JONESBORO, AR 72401
870-932-0406
- CITY OF JONESBORO - ENGINEERING
CRAIG LIGHT, P.E.
CITY ENGINEER
301 VINE STREET
JONESBORO, AR 72401
870-932-2438
- CODES DEPT. FIRE MARSHALL
CRAIG DAVENPORT
3215 E. JOHNSON AVE.
JONESBORO, AR 72401
870-932-2428
- CITY WATER AND LIGHT - ENGINEERING
JAKE RICE, P.E., P.S. - MANAGER
400 EAST MONROE, P.O. BOX 1289
JONESBORO, AR 72403
870-933-9591, FAX: 870-930-3303
SUSAN MERIDETH - ACTING ENGINEERING SERVICES DIRECTOR
870-930-3320
- CENTERPOINT ENERGY
KEITH CRAIG - SERVICE TECHNICIAN
3015 OLD FEEDHOUSE ROAD
JONESBORO, AR 72404
CELL: 870-891-3150
- AT&T
123 CHURCH, ROOM B 21
JONESBORO, AR 72403
PHIL FARLEY - AREA MANAGER INSTALLATION & REPAIR
870-912-1921, FAX: 870-912-1610
TOMMY GRAY - AREA MANAGER ENGINEERING DESIGN
870-912-1981, FAX: 870-912-1533
- SUDDEN LINK - CABLE TV
1520 SOUTH CARAWAY ROAD
JONESBORO, AR 72401
BOB FROCK - CONSTRUCTION MANAGER
870-933-8423 EXT. 212, FAX: 870-912-8141
DEANNA HORNBACK - MANAGER
JIMMY TANCY - FIELD MANAGER
CELL: 870-219-8583

GENERAL NOTES

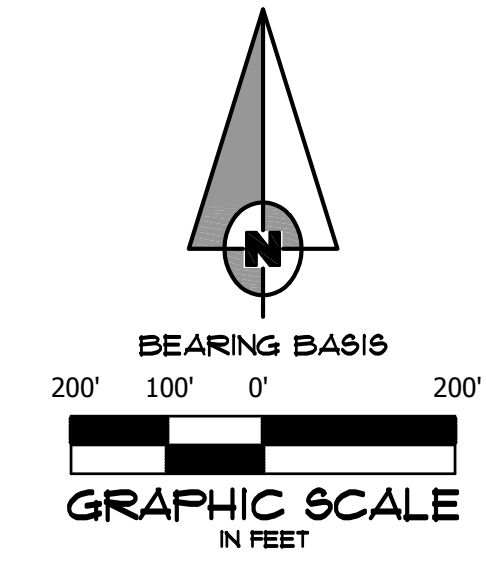
- SUBJECT PROPERTY IS LOCATED WITHIN 'X', AREAS DETERMINED TO BE OUTSIDE 100-YEAR FLOOD PLAIN AS DESIGNATED BY FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS FOR JONESBORO, COMMUNITY PANEL 080301032C (PANEL 132 OF 200). EFFECTIVE DATE - SEPTEMBER 21, 1991. REVISION DATE - JUNE 29, 2001.
- SCREENING AND BUFFERING ARE AS SHOWN.
- EASEMENTS ARE AS SHOWN.
- NO KNOWN HISTORICAL STRUCTURES ARE LOCATED ON SUBJECT PROPERTY.
- DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.

BENCHMARK LIST

- ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF AND REFER TO MSL DATUM.
- BENCHMARK #1 IS CHISELED SQUARE IN TOP OF 36" RCP LOCATED APPROXIMATELY 16 FEET SOUTH AND 693 FEET EAST OF THE SOUTHEAST CORNER OF LOT 4 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 LOT 9D OF SUBJECT PROPERTY.
ELEV. = 214.16 (NAVD 88)

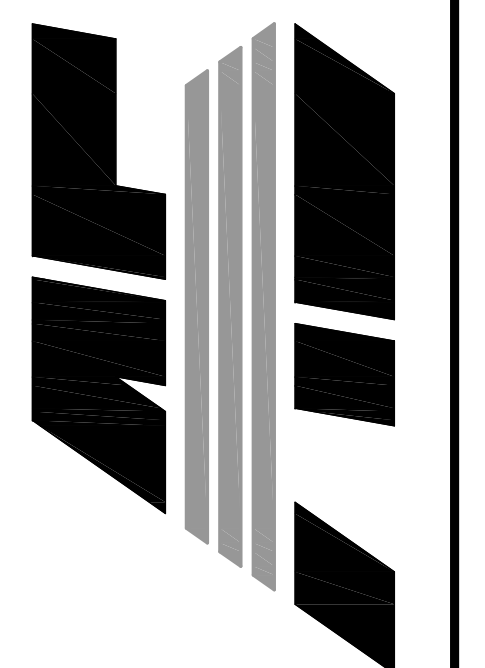
LEGEND

<ul style="list-style-type: none"> BOUNDARY LINE LOT LINES FOUND IRON PIPE FOUND COTTON-FICKER SPINDLE FOUND REBAR FOUND IRON PIPE W/ FLG XXXX CAP CITY OF JONESBORO G.P.S. MONUMENT BENCH MARK R/W MONUMENT SET 1 1/4" IRON PIPE W/ FLG #545 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 	<ul style="list-style-type: none"> 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 # 30') BASIN BOUNDARY TRAFFIC SIGN TRAFFIC SIGNAL TRAFFIC LIGHT CONTROL TRAFFIC SIGNAL W/ POLE EXISTING OVERHEAD COMMUNICATION LINE EXISTING UNDERGROUND COMMUNICATION LINE EXISTING GAS LINE EXISTING GAS METER EXISTING STORM WATER MANHOLE 	<ul style="list-style-type: none"> GRATED INLET DOWNSPOUT SPRINKLER CONTROL MAILBOX TRASH COMPACTOR COLUMN BOLLARD HANDICAP SIGN EXISTING FENCE LINE FINISHED GROUND CONTOUR EXISTING TREE/SHRUB DRAINAGE FLOW GENERAL DRAINAGE FLOW SWALE FLOW DIRECTION SILT FENCE ROCK CHECK DAM RIP RAP AREA INLET PROTECTION ROCK CHECK DAM
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CENTRE PARK ADDITION
PHASE 2
BROWNS LANE ACCESS
JONESBORO, ARKANSAS

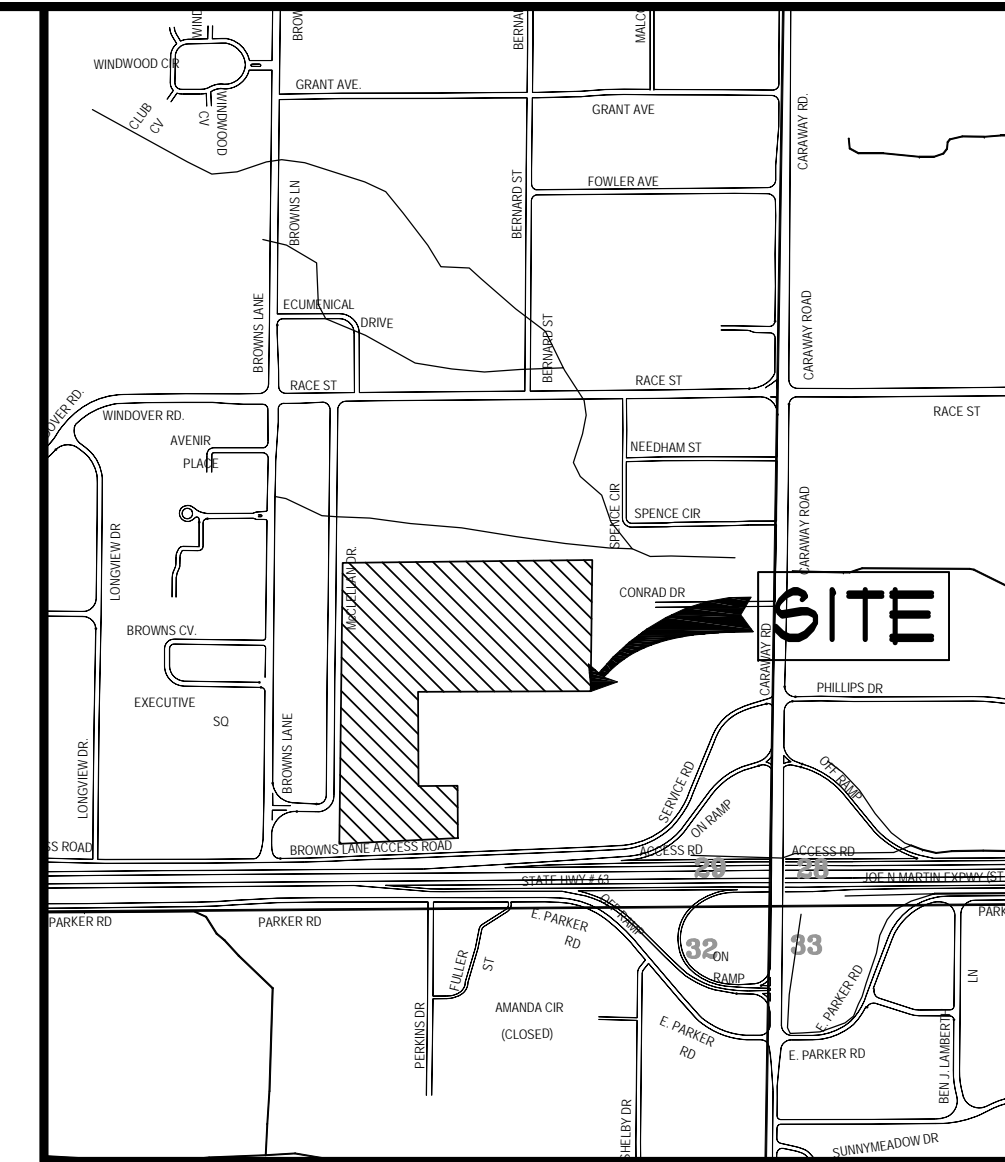
ASSOCIATED ENGINEERING, LLC
 CIVIL ENGINEERING • LAND SURVEYING
 LAND PLANNING
 103 SOUTH CHURCH STREET • P.O. BOX 1462
 JONESBORO, AR 72403
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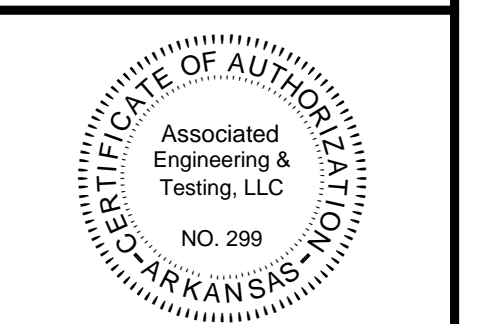
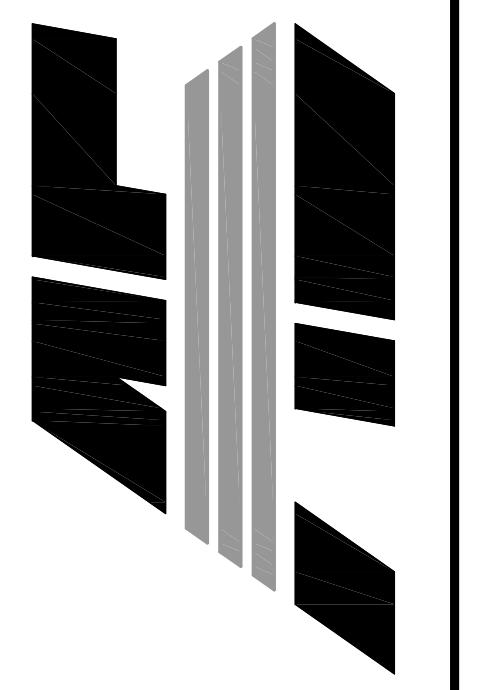
GENERAL NOTES

DATE: 09/27/16 DRAIN: CCH
 CADD FILE: 13179-SDP-C CHECKED: JME
 DWG#: 0414292.0039 SHEET
 SCALE: 1" = 200' C002



CENTRE PARK ADDITION
PHASE 2
BROWNS LANE ACCESS
JONESBORO, ARKANSAS

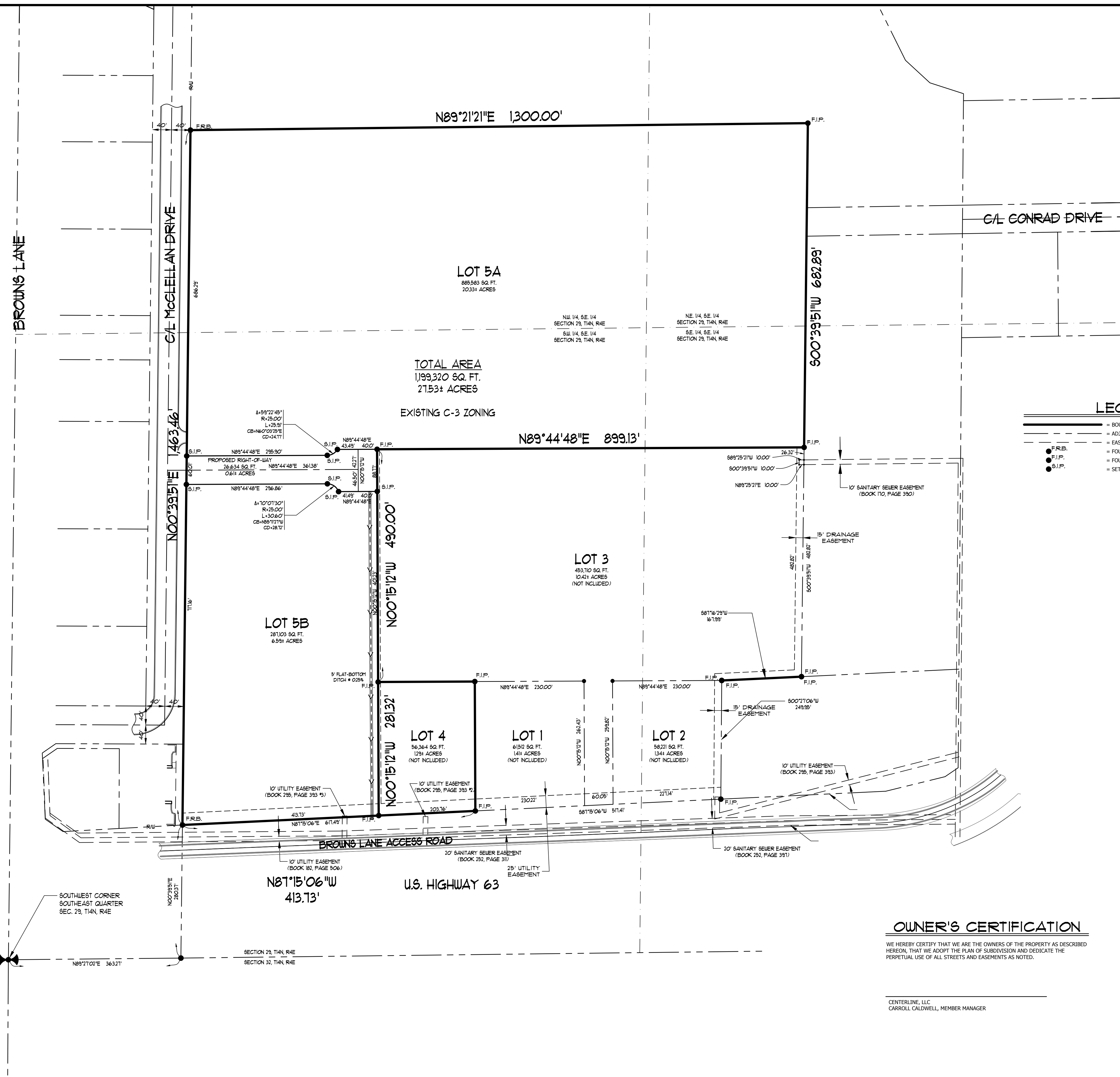
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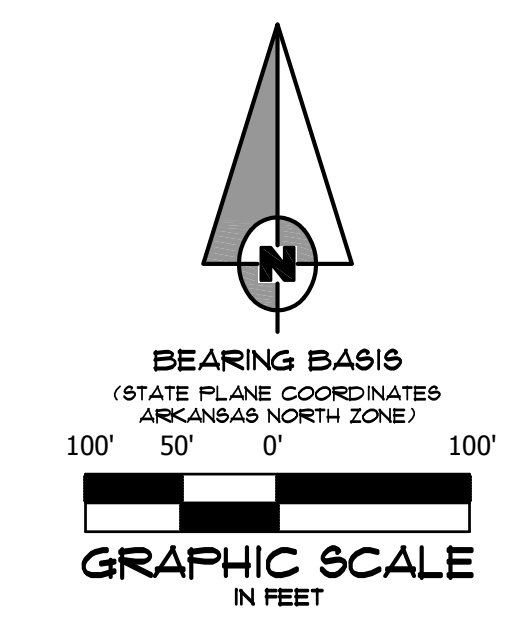
REPLAT

DATE: 09/27/16 DRAWN: CCH
 CADD FILE: 13179-SDP-C CHECKED: JME
 DWS: 0414292.0039 SHEET
 SCALE: 1" = 100' C004



LEGEND

- BOUNDARY LINE
- - - ADJACENT LOT LINE
- - - EASEMENT LINE
- FOUND REBAR
- FOUND IRON PIPE
- SET 1-1/4" IRON PIPE W/ PLS #1549 CAP



DESCRIPTION

LOT 5A AS SHOWN ON THE RECORD PLAT OF CENTRE PARK ADDITION, RECORDED IN PLAT CABINET "C", PAGE 258 IN THE PUBLIC RECORDS OF CRAIGHEAD COUNTY AT JONESBORO, ARKANSAS.
 CONTAINING IN ALL 1,199,320 SQ. FT. OR 27.53 ACRES, MORE OR LESS.
 SUBJECT TO EASEMENTS, RESTRICTIONS, RESERVATIONS AND RIGHTS- OF-WAY OF RECORD.

SURVEYOR'S NOTES

- THIS DRAWING WAS PREPARED FOR CENTERLINE, LLC.
- NO SEARCH OF THE PUBLIC RECORDS HAS BEEN MADE BY THIS SURVEYOR FOR EASEMENTS, RESTRICTIONS, RESERVATIONS OR RIGHTS-OF-WAY AFFECTING THIS PROPERTY.
- SUBJECT PROPERTY IS CURRENTLY ZONED C-3, GENERAL COMMERCIAL DISTRICT. ADJACENT PROPERTIES ARE ZONED C-3. MINIMUM BUILDING SETBACKS FOR C-3 ZONING ARE AS FOLLOWS: FRONT=25' SIDE=10' REAR=20'. MAXIMUM HEIGHT LIMITATION IN C-3 ZONING IS 45 FEET.
- SUBJECT PROPERTY IS LOCATED WITHIN "X" AREAS DETERMINED TO BE OUTSIDE 150-YEAR FLOOD PLAIN AS DESIGNATED BY FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS FOR JONESBORO, COMMUNITY PANEL 05031C0132C (PANEL 132 OF 200). EFFECTIVE DATE - SEPTEMBER 27, 1991. REVISION DATE - JUNE 25, 2007.
- THE FOLLOWING DOCUMENTS WERE USED TO PREPARE THIS SURVEY:
 - GLO MAP/PLAT AND FIELD NOTES FOR TOWNSHIP 14 NORTH, RANGE 4 EAST.
 - A.H.T.D. RIGHT-OF-WAY PLANS FOR JOB 100013 - SEC. 1.
 - RECORD PLAT OF CENTRE PARK ADDITION, RECORDED IN PLAT CABINET "C", PAGE 258 AT JONESBORO, ARKANSAS.
 - RECORD PLAT OF BARKISTER SUBDIVISION, RECORDED IN PLAT CABINET "C", PAGE 188 AT JONESBORO, ARKANSAS.
 - RECORD PLAT OF THE REPLAT OF LOTS 4, 5 & 6, BLOCK B OF WHITE PLAZA, RECORDED IN PLAT CABINET "A", PAGE 56 AT JONESBORO, ARKANSAS.
 - RECORD PLAT OF WHITE PLAZA, RECORDED IN PLAT CABINET "A", PAGE 15 AT JONESBORO, ARKANSAS.
 - PLAT OF SURVEY FOR ARKANSAS STATE UNIVERSITY BY TYLER WILSON, DATED MARCH 24, 2014.
 - PLAT OF SURVEY FOR JONESBORO A & P BY JASON BEARD, DATED JUNE 25, 2013.
 - CORRECTION WARRANTY DEED TO CENTERLINE, LLC, RECORDED AS DOCUMENT # JB2014R-0148135 AT JONESBORO, ARKANSAS.

OWNER'S CERTIFICATION

WE HEREBY CERTIFY THAT WE ARE THE OWNERS OF THE PROPERTY AS DESCRIBED HEREON, THAT WE ADOPT THE PLAN OF SUBDIVISION AND DEDICATE THE PERPETUAL USE OF ALL STREETS AND EASEMENTS AS NOTED.

CENTERLINE, LLC
 CARROLL CALDWELL, MEMBER MANAGER

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT ASSOCIATED ENGINEERING AND TESTING, LLC HAS THIS DATE MADE A BOUNDARY SURVEY OF THE ABOVE DESCRIBED PROPERTY AS SHOWN HEREON AND THAT SAID SURVEY IS ACCURATE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THERE ARE NO APPARENT ABOVE GROUND ENCROACHMENTS OTHER THAN AS SHOWN OR STATED HEREON AND THAT THIS SURVEY WAS MADE IN ACCORDANCE WITH THE "ARKANSAS MINIMUM STANDARDS FOR PROPERTY SURVEYS AND PLATS" IN EFFECT ON THIS DATE.

DATE OF BOUNDARY SURVEY: 09/27/2016
 NOTE: TO BE VALID, COPIES MUST HAVE ORIGINAL SURVEYOR'S SIGNATURE AND SURVEYOR'S SEAL.
 © Copyright 2016 AET/LLC

BROWNS LANE

C/L McCLELLAN DRIVE

C/L CONRAD DRIVE

LOT 5A
CENTRE PARK PHASE 2

LOT 5B
CENTRE PARK, PHASE 2

LOT 4
CENTRE PARK ADD.
PHASE 2

LOT 1, CENTRE PARK ADD.
(NOT INCLUDED)

LOT 2, CENTRE PARK ADD.
(NOT INCLUDED)

LOT 3, CENTRE PARK ADD.
(NOT INCLUDED)

PROPOSED HOTEL

PROPOSED CONVENTION CENTER

FUTURE HOTEL

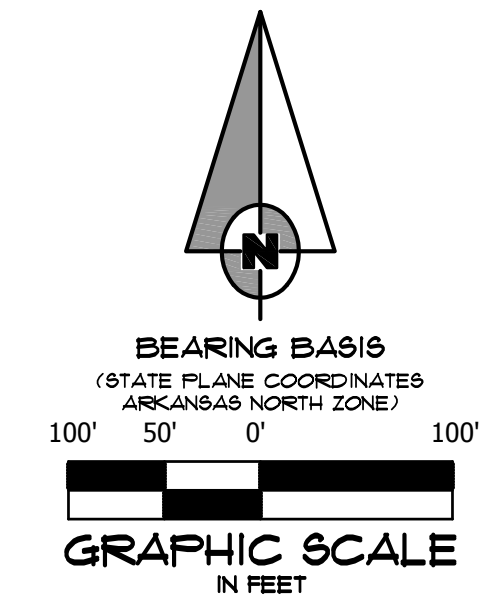
OUTPARCEL 1

OUTPARCEL 2

HYATT PLACE @ CENTER PARK
WAS DEVELOPED AS PHASE 1
OF CENTRE PARK ADDITION.

BROWNS LANE ACCESS ROAD

U.S. HIGHWAY 63

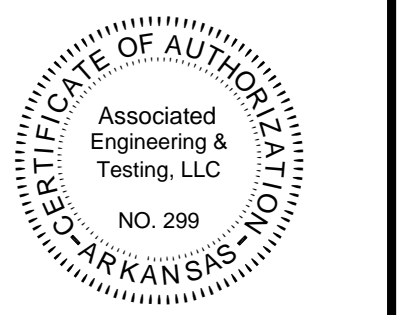
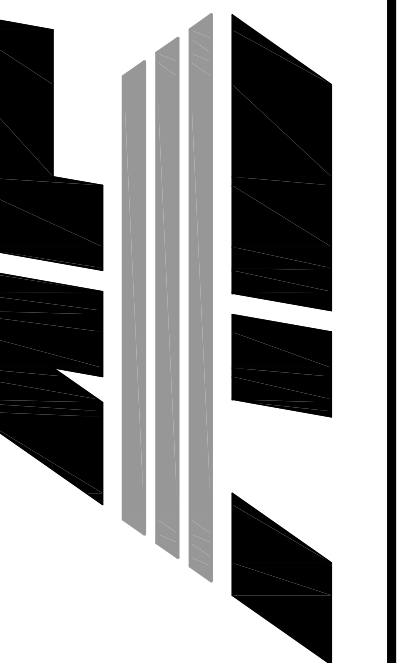


ENGINEER'S NOTES

1. ALL DIMENSIONS ARE TO THE FACE OF CURB, UNLESS OTHERWISE NOTED.
2. ALL CURB RETURN RADII SHALL BE 5' UNLESS OTHERWISE NOTED.
3. FOR BENCHMARK LOCATION AND ELEVATION PLEASE REFER TO BENCHMARK LISTINGS ON SHEET 2 OF THESE PLANS.
4. PROJECT SITE IS CURRENTLY VACANT.
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.

CENTRE PARK ADDITION
PHASE 2
BROWNS LANE ACCESS
JONESBORO, ARKANSAS

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



NO.	DESCRIPTION	DATE

SITE PLAN

DATE: 09/27/16 DRAWN: CCH
 CADD FILE: 13179-SDP-C CHECKED: JME
 DWG#: 0414292.0039 SHEET
 SCALE: 1" = 100' C005

BROWNS LANE

LOT 1
SON-TNA BROWNS LANE
MINOR FLAT
C-3 ZONING
(NOT INCLUDED)

WORK/LOW ADDITION
C-3 ZONING
(NOT INCLUDED)

LOT 1-R
BROWNS LANE
OFFICE PARK
C-3 ZONING
(NOT INCLUDED)

LOT 1
ASPEN TRANSPORTATION
ADDITION
C-3 ZONING
(NOT INCLUDED)

LOT 5
BROWNS LANE
OFFICE PARK
C-3 ZONING
(NOT INCLUDED)

LOT 11
WISE REPLAT OF
KENDYL PARK
C-3 ZONING
(NOT INCLUDED)

LOT 2
WISE REPLAT OF
KENDYL PARK
C-3 ZONING
(NOT INCLUDED)

LOT 3
KENDYL PARK
MINOR FLAT
C-3 ZONING
(NOT INCLUDED)

LOT 1
VISIONARY EYE CARE
SUBDIVISION
C-3 ZONING
(NOT INCLUDED)

LOT 1
BARRISTER SUBDIVISION
C-3 LUO ZONING
(NOT INCLUDED)

LOT 2
BARRISTER SUBDIVISION
C-3 LUO ZONING
(NOT INCLUDED)

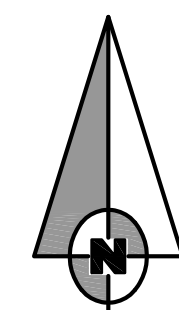
UNPLATTED
R-1 ZONING
OWNER: ARKANSAS STATE UNIVERSITY
(NOT INCLUDED)

LOT 1
COOPER-SALGER REPLAT
R-3 ZONING
(NOT INCLUDED)

LOT 5
REPLAT OF LOTS 4-6,
BLK B, WHITE PLAZA
I-1 ZONING
(NOT INCLUDED)

UNPLATTED
R-1 ZONING
OWNER: ARKANSAS STATE UNIVERSITY
(NOT INCLUDED)

UNPLATTED
R-1 ZONING
ARKANSAS STATE
POLICE HEADQUARTERS
(NOT INCLUDED)



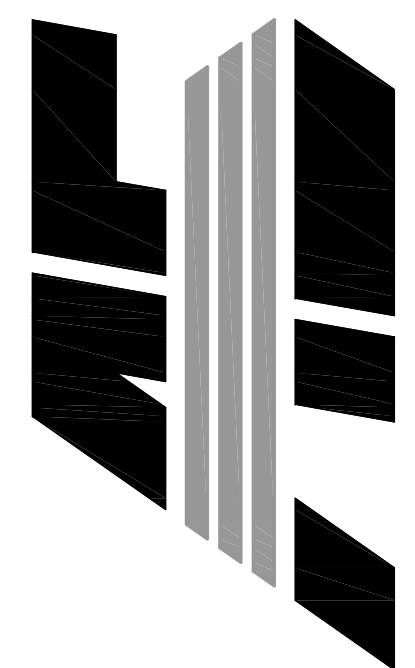
BEARING BASIS
(STATE PLANE COORDINATES
ARKANSAS NORTH ZONE)
100' 50' 0" 100'
GRAPHIC SCALE
IN FEET

ENGINEER'S NOTES

- ELEVATIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF AND REFER TO NAVD 88 DATUM.
- REFER TO SHEET 0002 FOR BENCHMARK INFORMATION.
- NEITHER THE OWNER OR THE ENGINEER SHALL BE RESPONSIBLE FOR SUB-SURFACE CONDITIONS. THE CONTRACTOR SHOULD MAKE HIS OWN DETERMINATION CONCERNING SUB-SURFACE CONDITIONS.
- PIPE SHALL BE R.C.P. 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.

CENTRE PARK ADDITION
PHASE 2
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JONESBORO, ARKANSAS

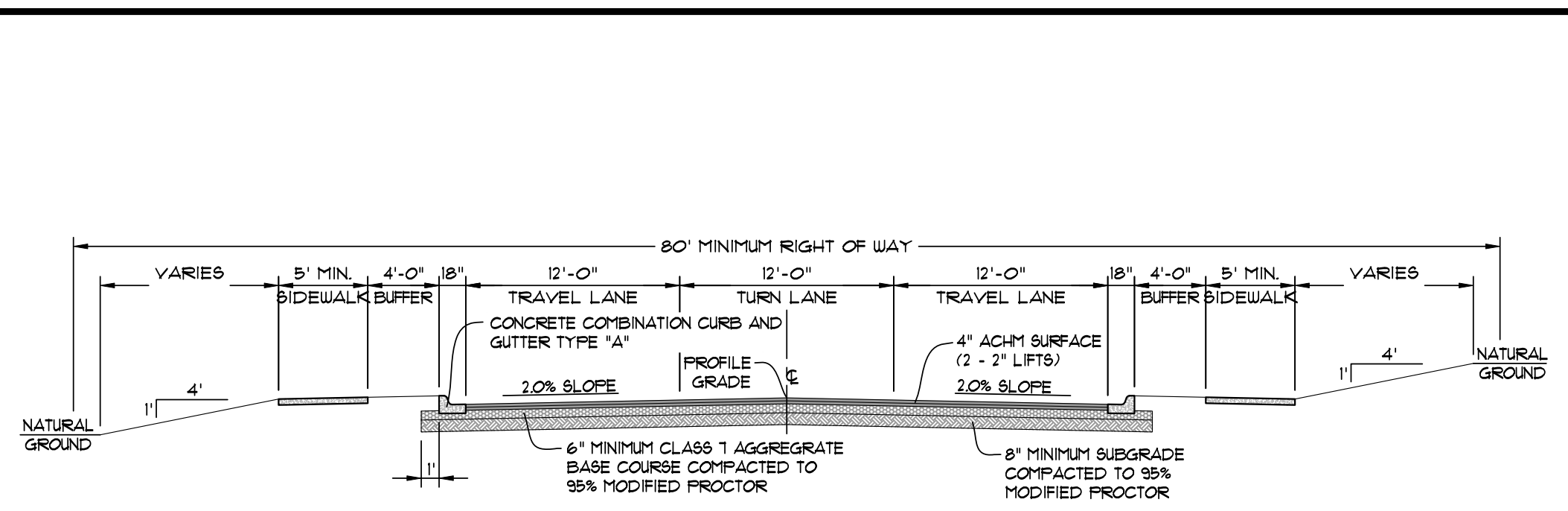
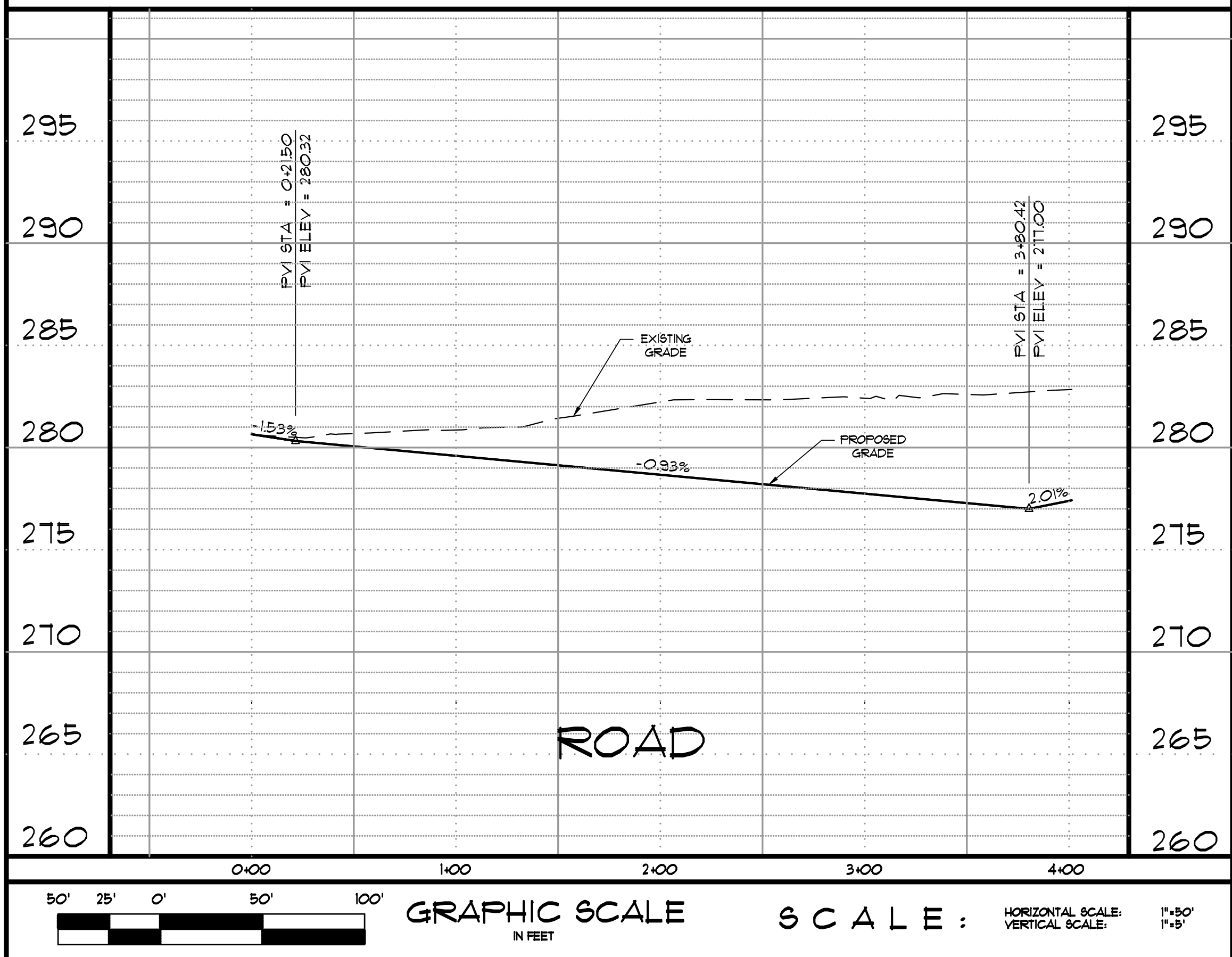
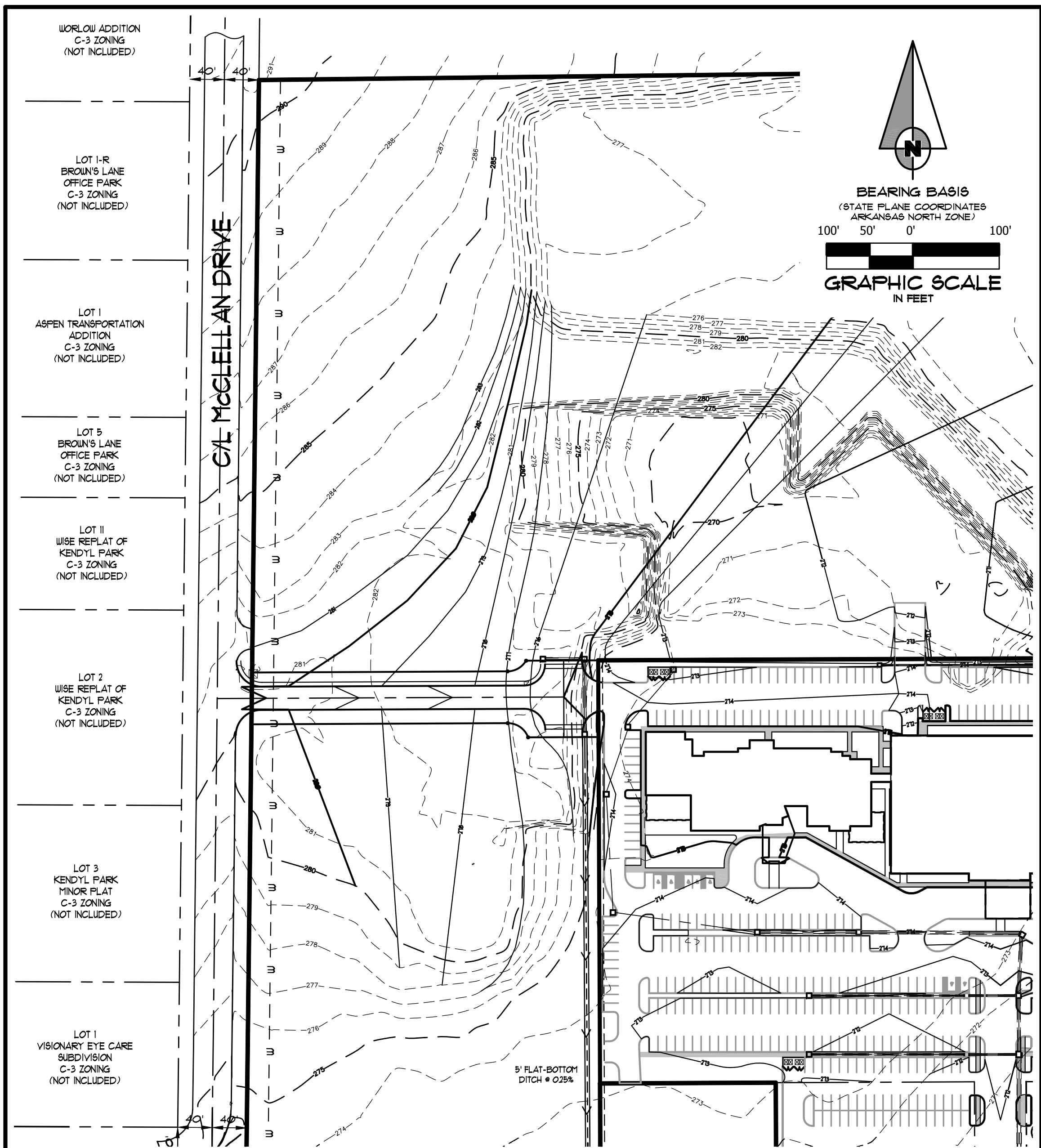
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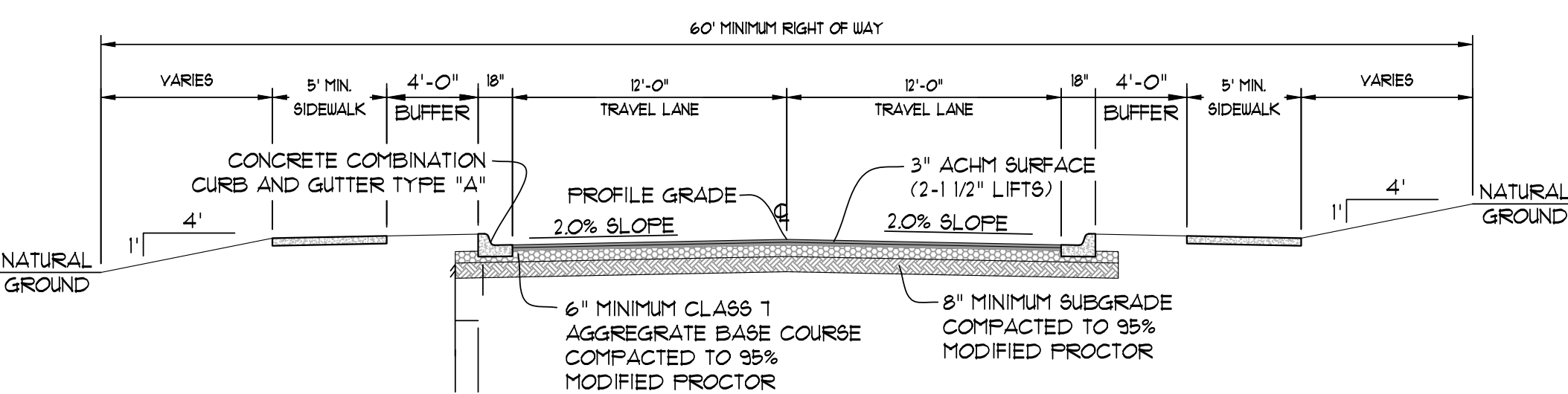
NO.	DESCRIPTION	DATE

GRADING PLAN

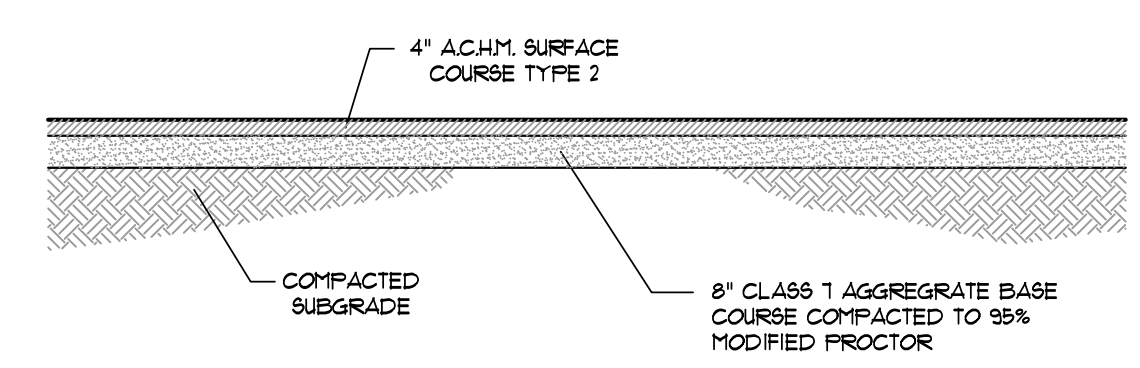
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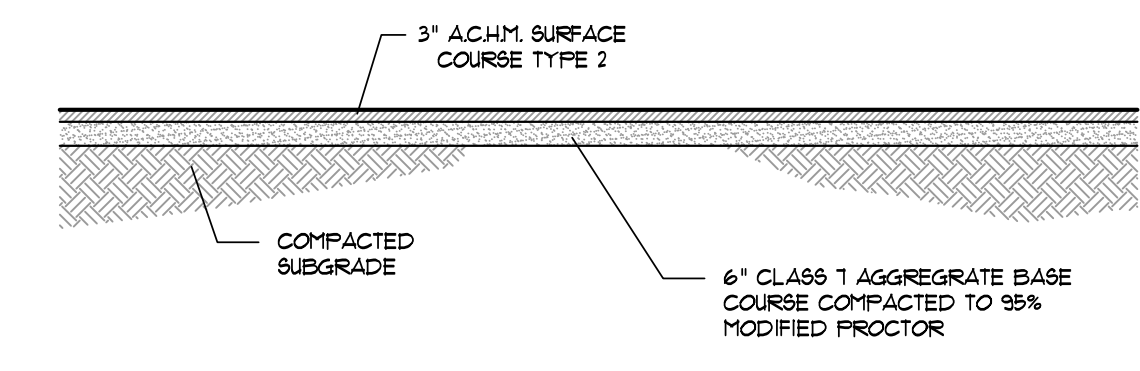
"WEST" STREET SECTION
(COLLECTOR 2 STREET - MASTER STREET PLAN PREFERRED DESIGN)
SCALE: NONE



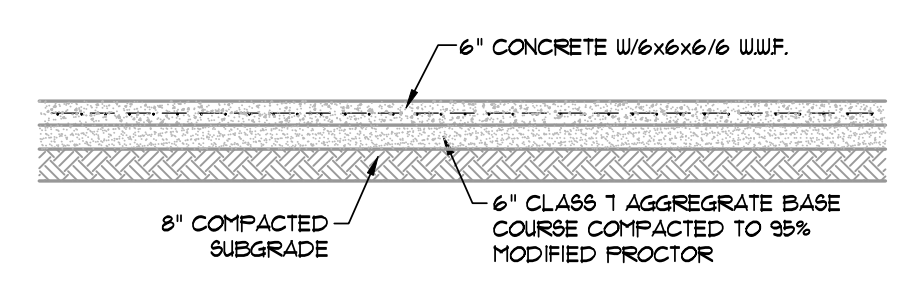
LOCAL STREET SECTION
SCALE: NONE



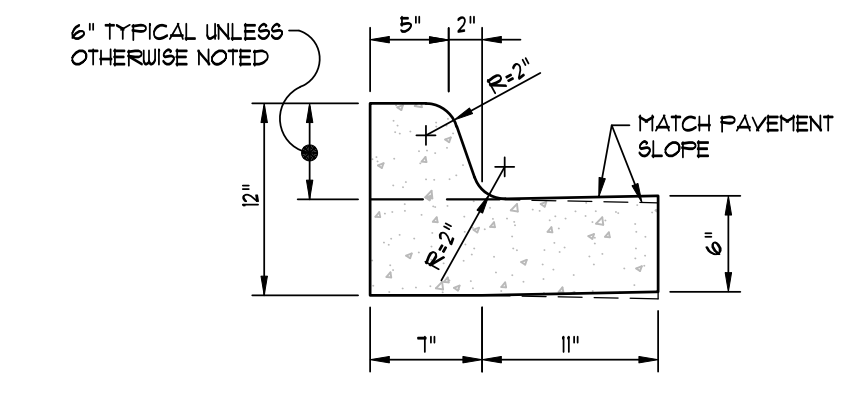
SECTION - ASPHALT PARKING - HEAVY
N.T.S.



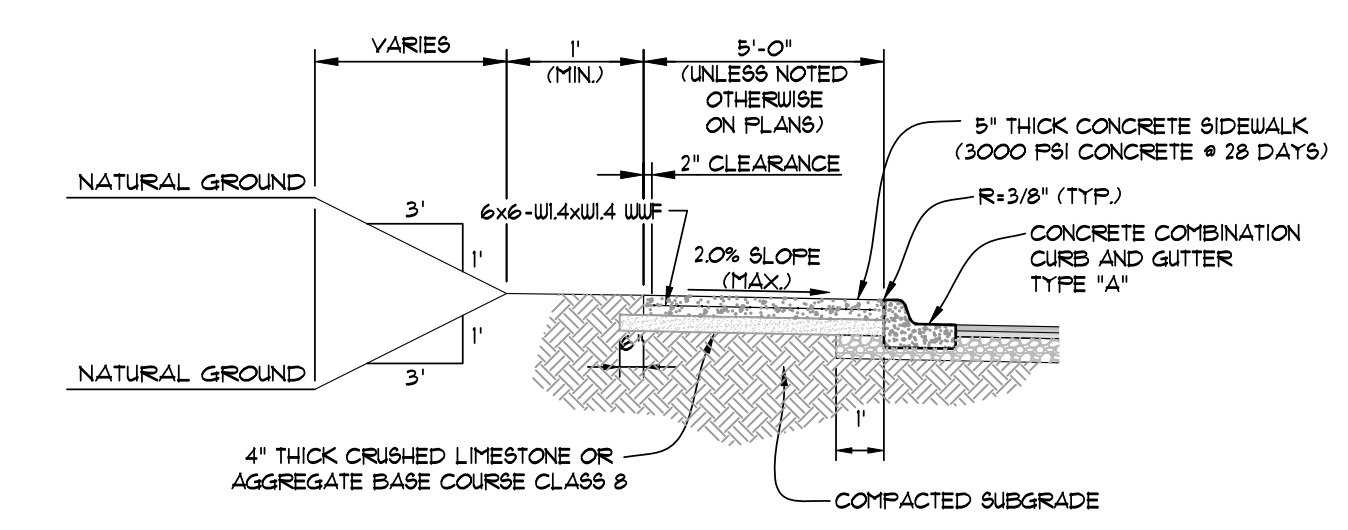
SECTION - ASPHALT PARKING - LIGHT
N.T.S.



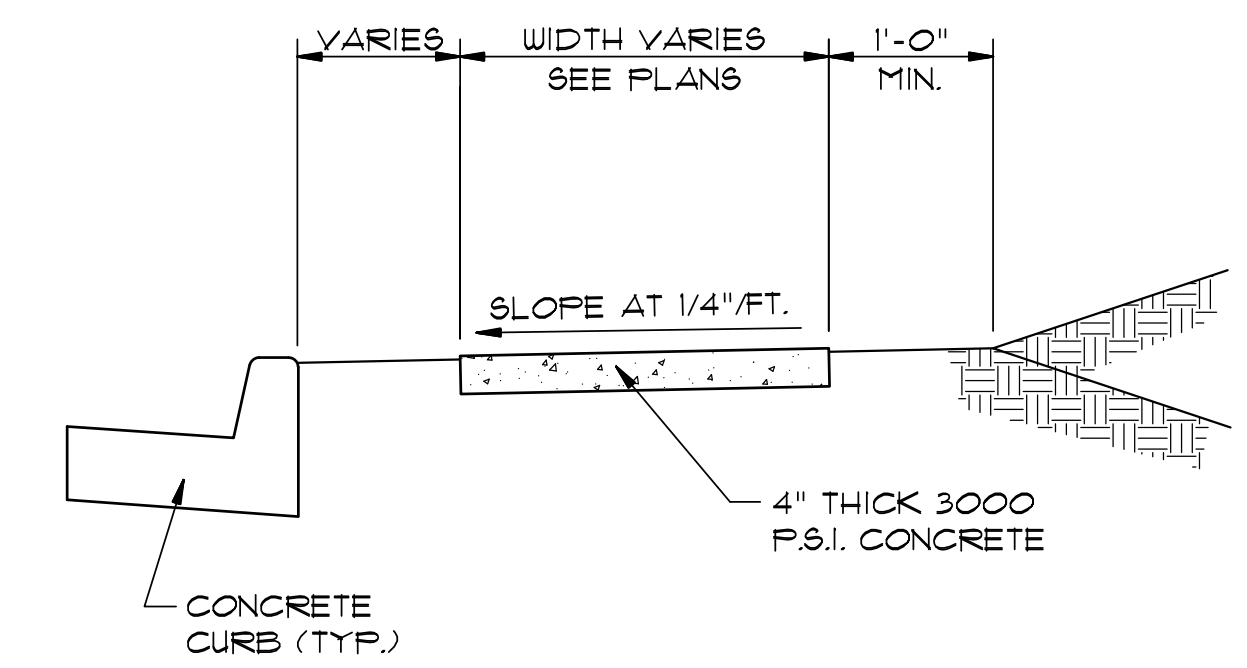
SECTION - CONCRETE PAVING - LIGHT
N.T.S.



TYPICAL CURB & GUTTER TYPE "A-18"
(NOT TO SCALE)

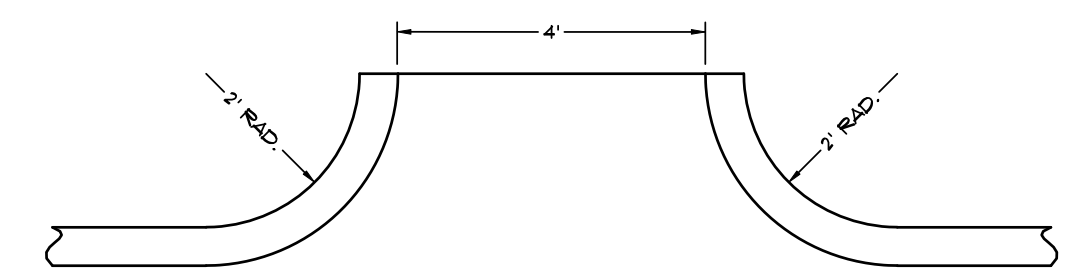


TYPICAL SECTION - SIDEWALK AT CURB
(NOT TO SCALE)



TYPICAL SECTION - SIDEWALK
N.T.S.

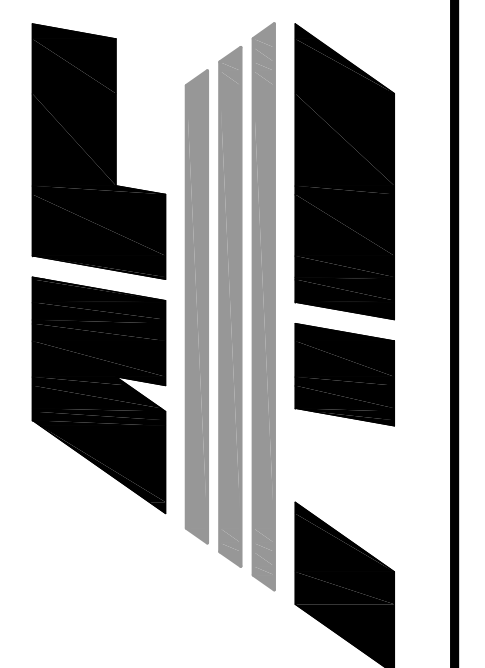
* MINIMUM WIDTH FOR SIDEWALK ADJACENT TO CURB IS 5' FOR CITY STREETS AND 6' FOR STATE OR U.S. HIGHWAYS.



CURB CHANNEL
(NOT TO SCALE)

CENTRE PARK ADDITION
PHASE 2
BROWN'S LANE ACCESS
JONESBORO, ARKANSAS

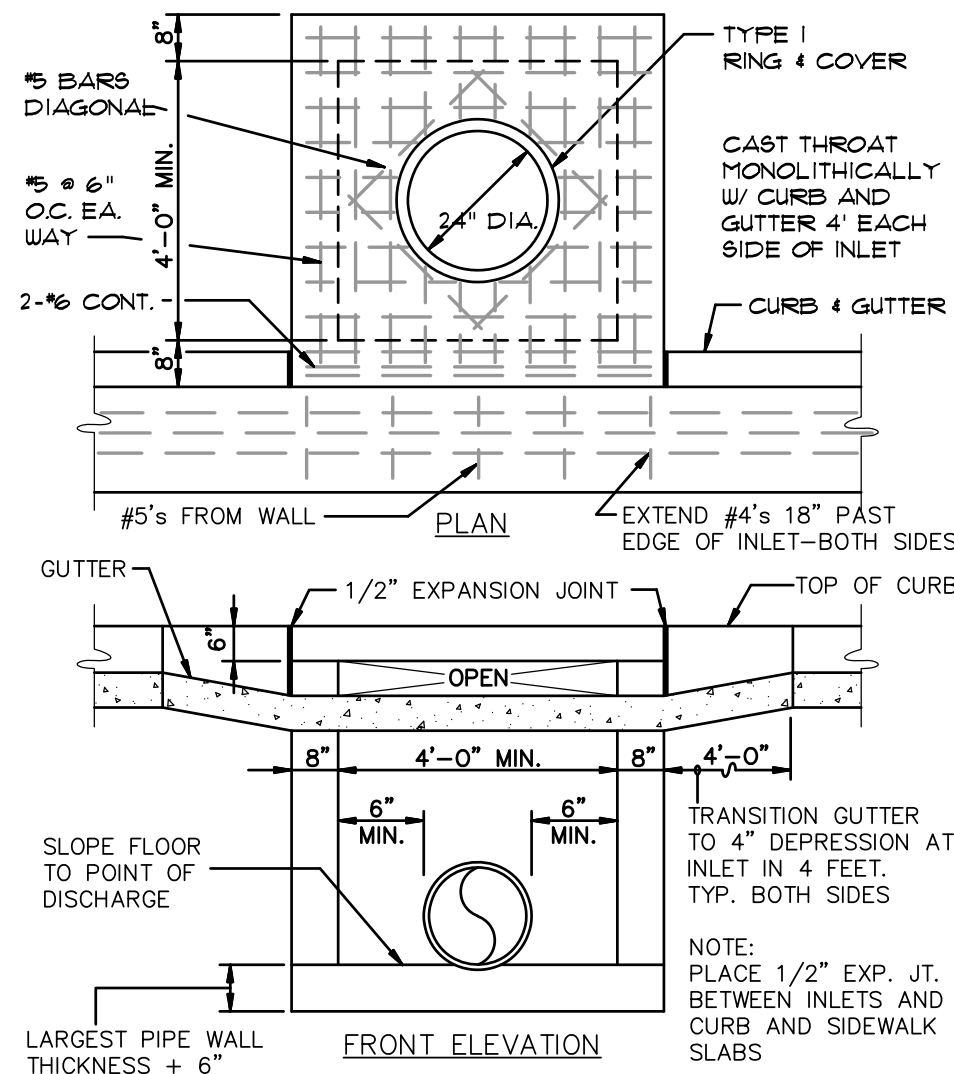
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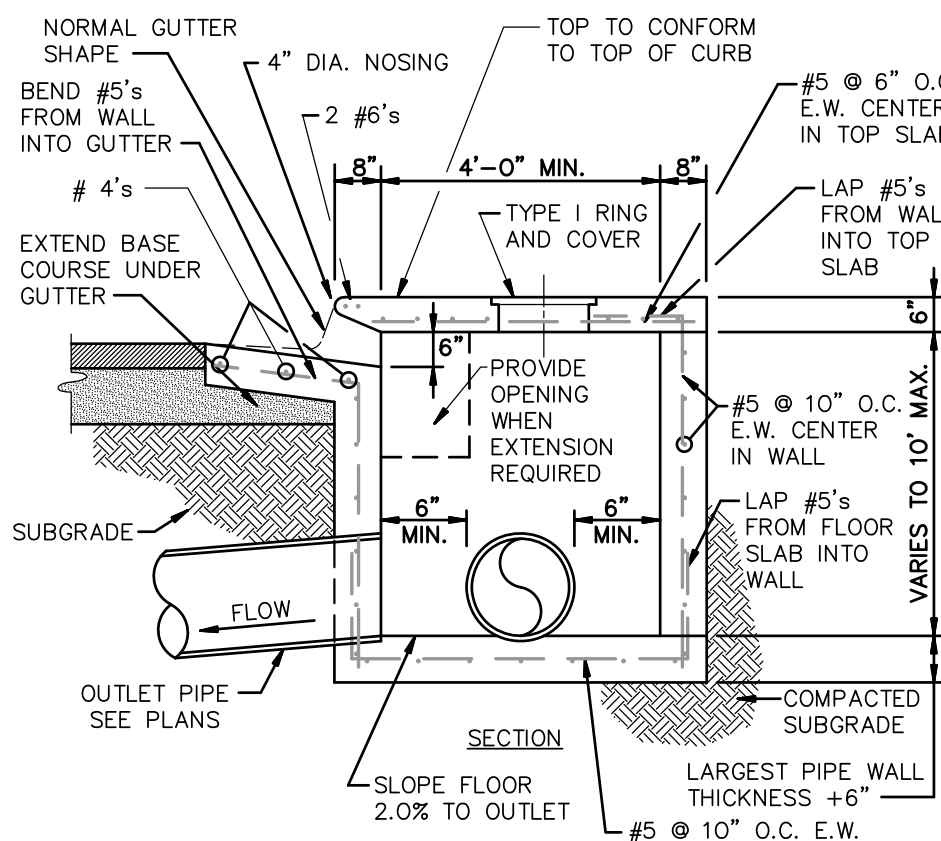
NO.	DESCRIPTION	DATE

PLAN & PROFILE/STANDARD DETAILS

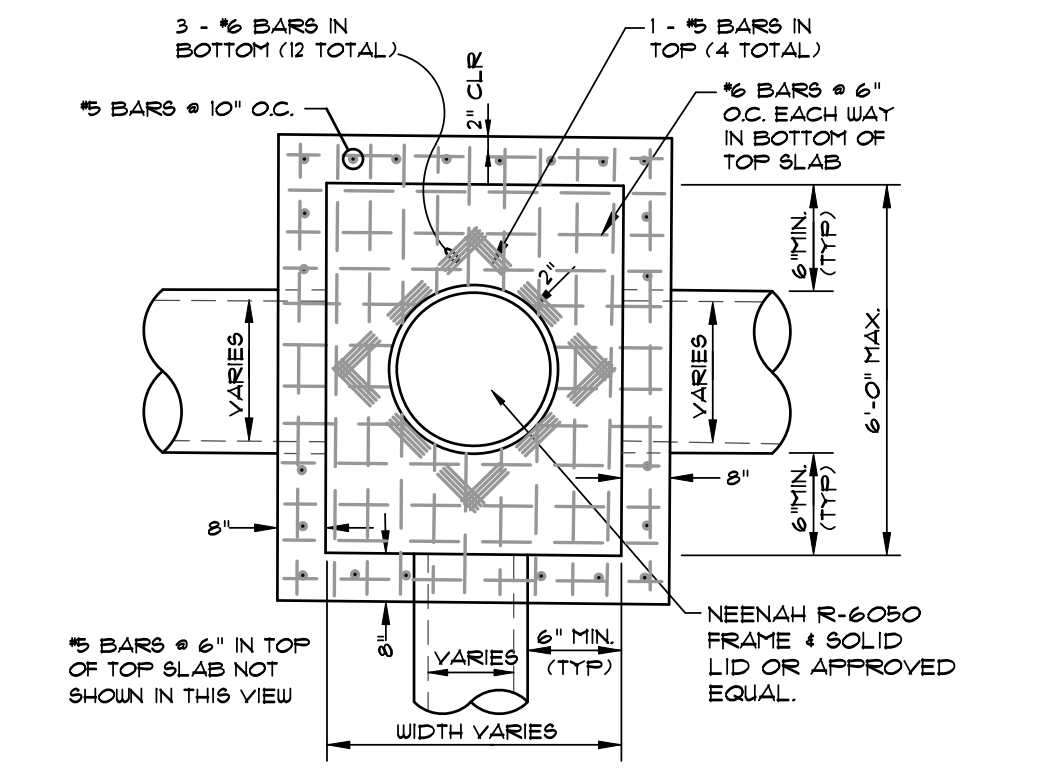
DATE: 09/27/16 DRAIN: CCH
CADD FILE: 13179-SDP-C CHECKED: JME
DWS: 0414292.0039 SHEET
SCALE: 1" = 100' C009



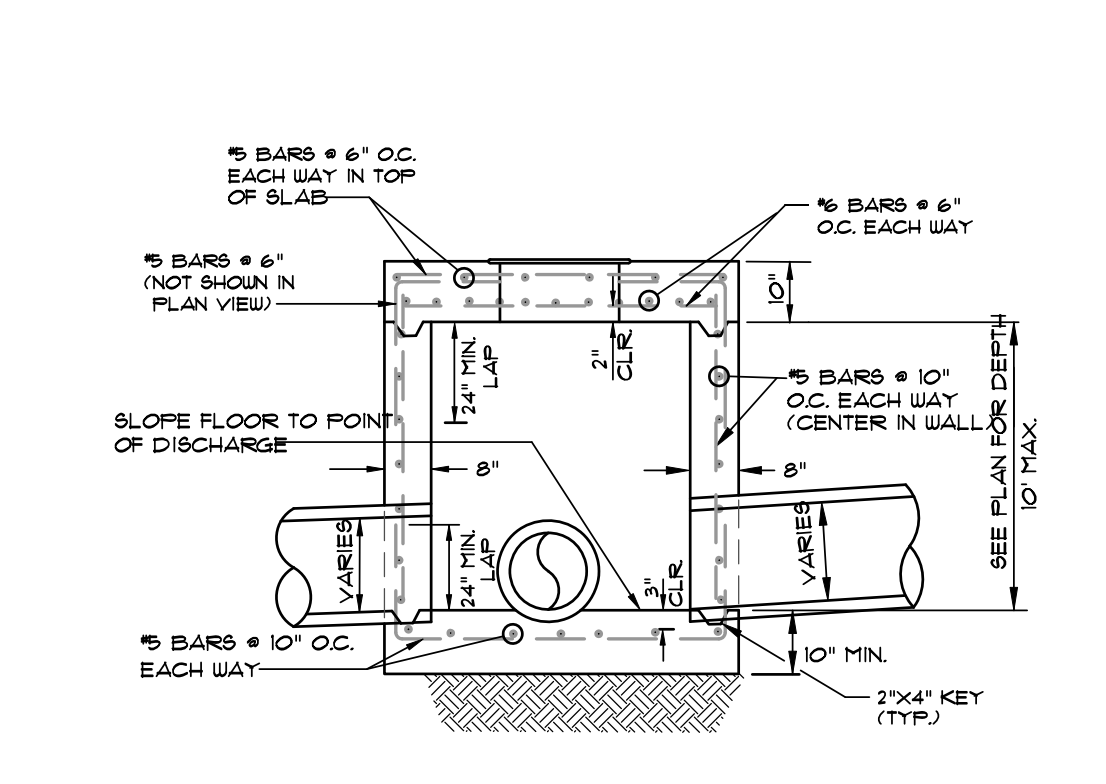
CURB INLET - TYPE "A"
(NOT TO SCALE)



NOTE: INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. - MANHOLE FRAME AND COVER SHALL BE PLACED ADJACENT TO THE WALL WITH THE STEPS.



PLAN - JUNCTION BOX - HEAVY
N.T.S.



SECTION - JUNCTION BOX - HEAVY
N.T.S.

- 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.

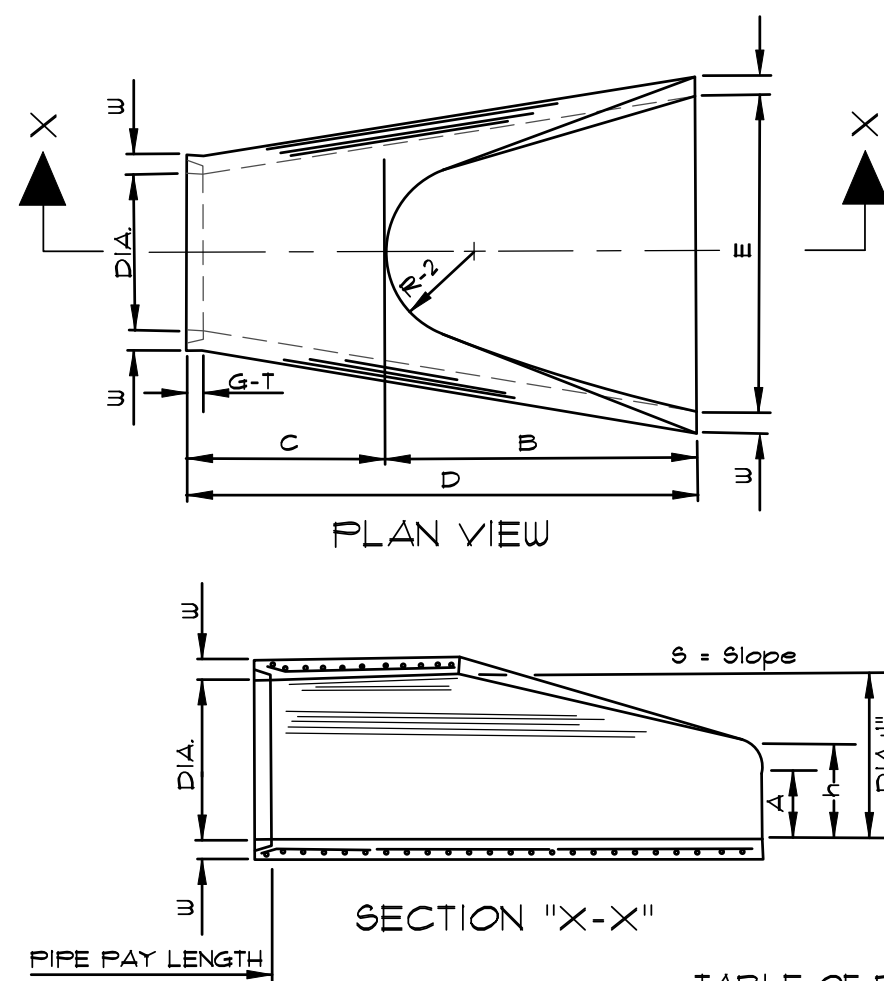
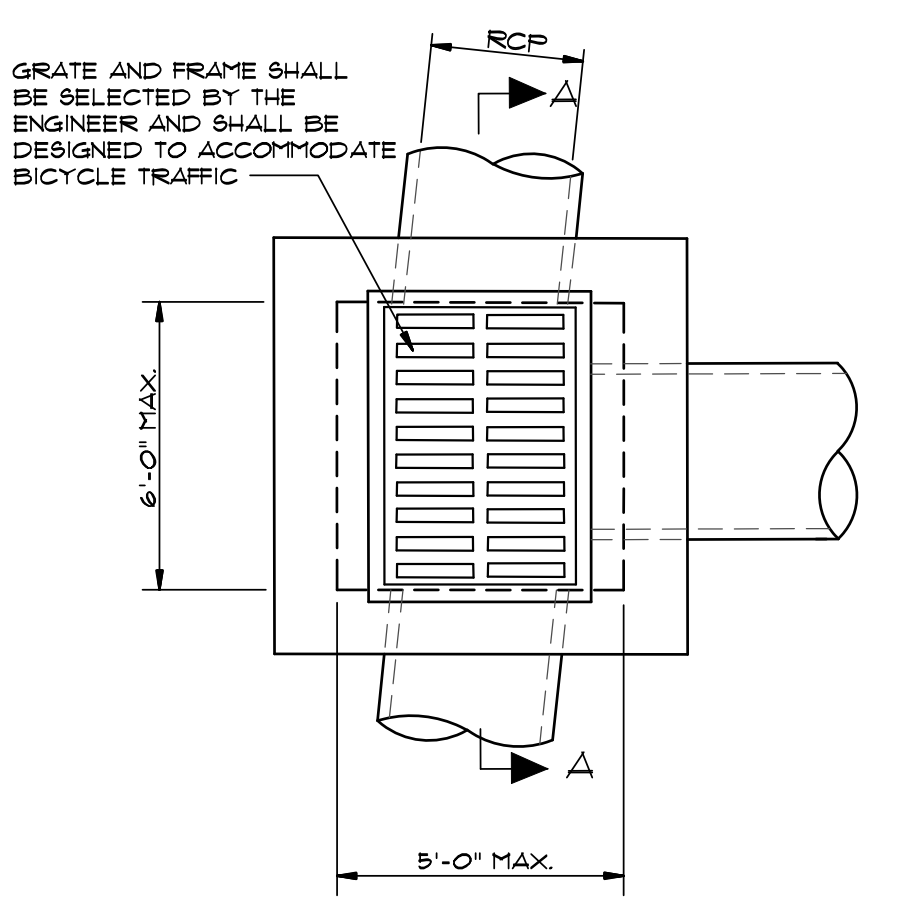


TABLE OF DIMENSIONS

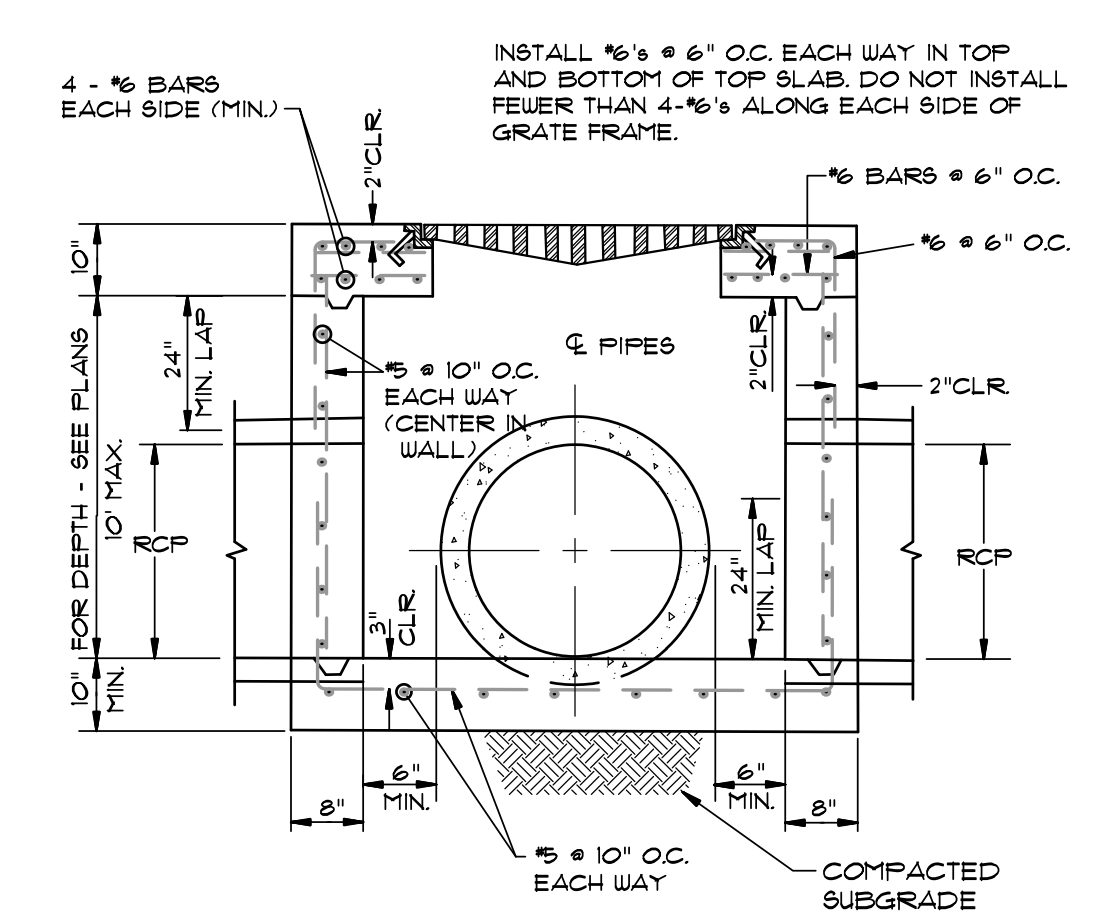
DIA.	WALL	A	B	C	D	E	S	DIA. + 1"	P	R-1	R-2	G-T	WT	h
18"	2 1/2"	9"	2'-3"	3'-10"	6'-1"	3'-0"	3.1	19"	29"	15 1/2"	12"	2"	1000	1'-0 1/2"
24"	3"	9 1/2"	3'-7 1/2"	2'-6"	6'-1 1/2"	4'-0"	3.1	25"	33 3/16"	16 13/16"	14"	2 1/2"	1600	1'-1 1/2"
30"	3 1/2"	1'-0"	4'-6"	1'-7 3/4"	6'-1 3/4"	5'-0"	3.1	31"	37"	18 1/2"	15"	3 1/4"	1940	1'-4 5/8"
36"	4"	1'-3"	5'-3"	2'-10 3/4"	6'-0"	6'-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'-6"	1'-10"	6'-4"	7'-6"	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 RC. 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 RC. 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)

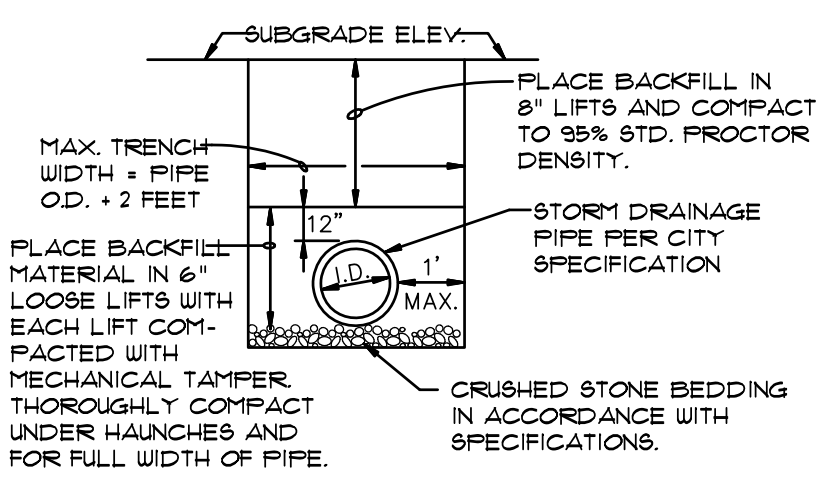


PLAN - GRATE INLET - HEAVY
N.T.S.



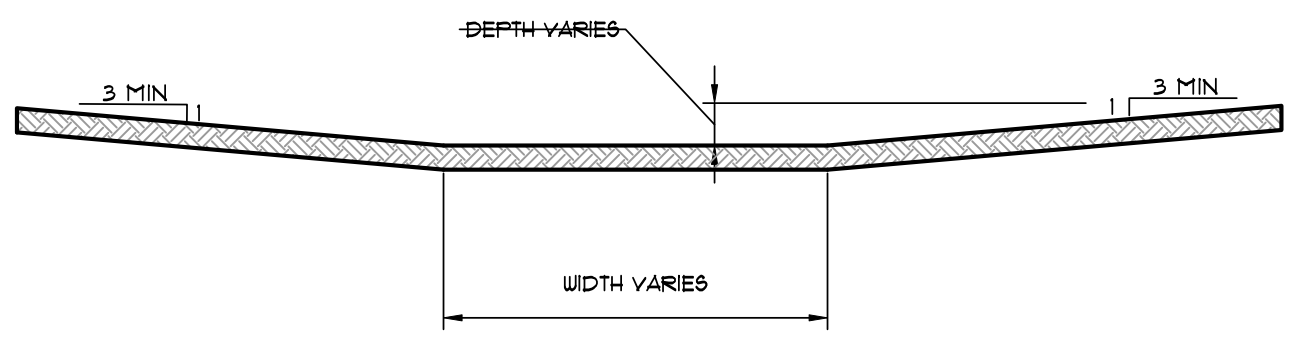
SECTION "A-A" - GRATE INLET - HEAVY
N.T.S.

- 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.

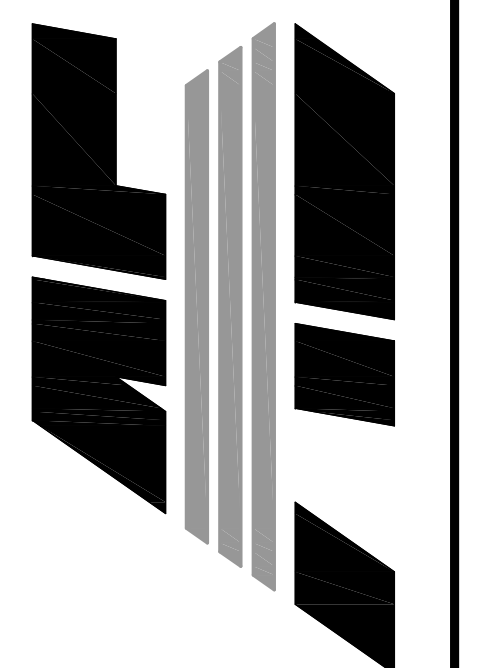


DRAINAGE PIPE TRENCH DETAIL

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



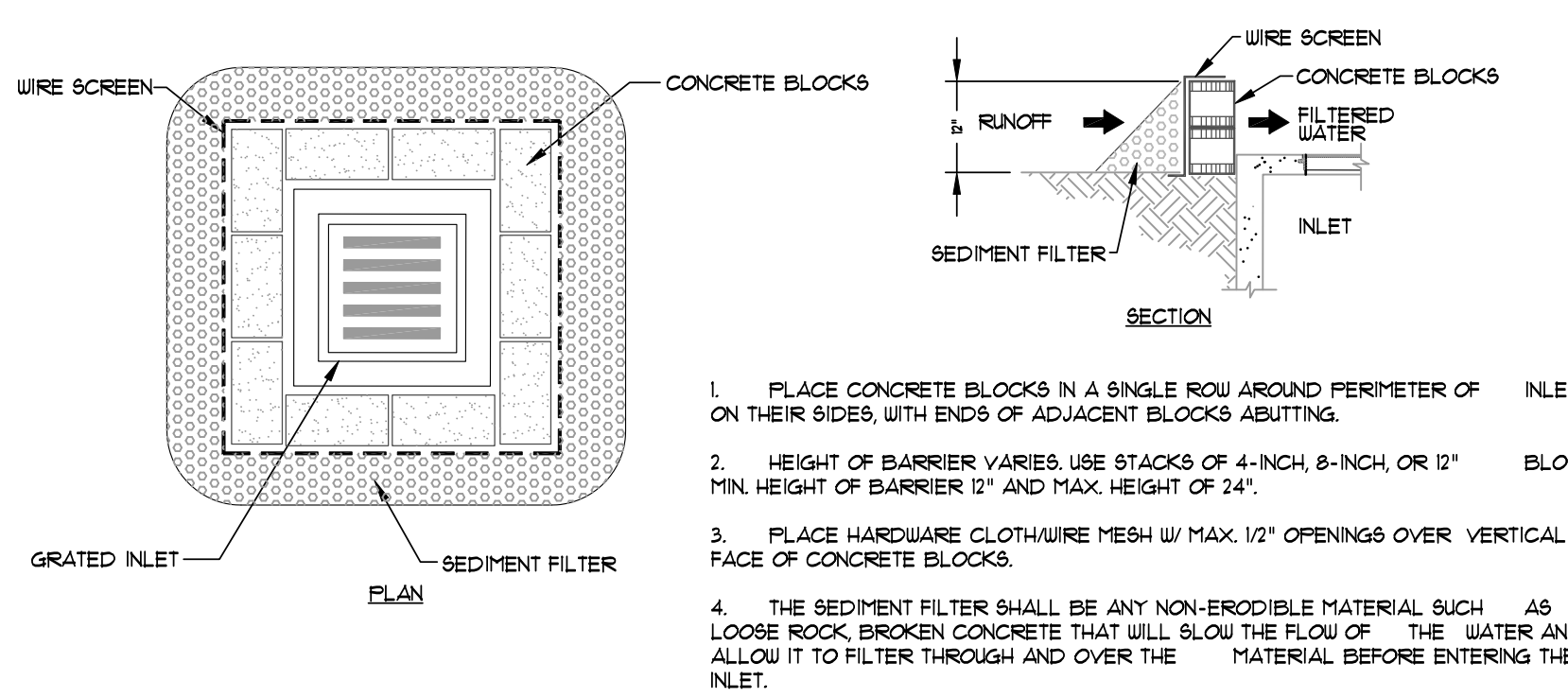
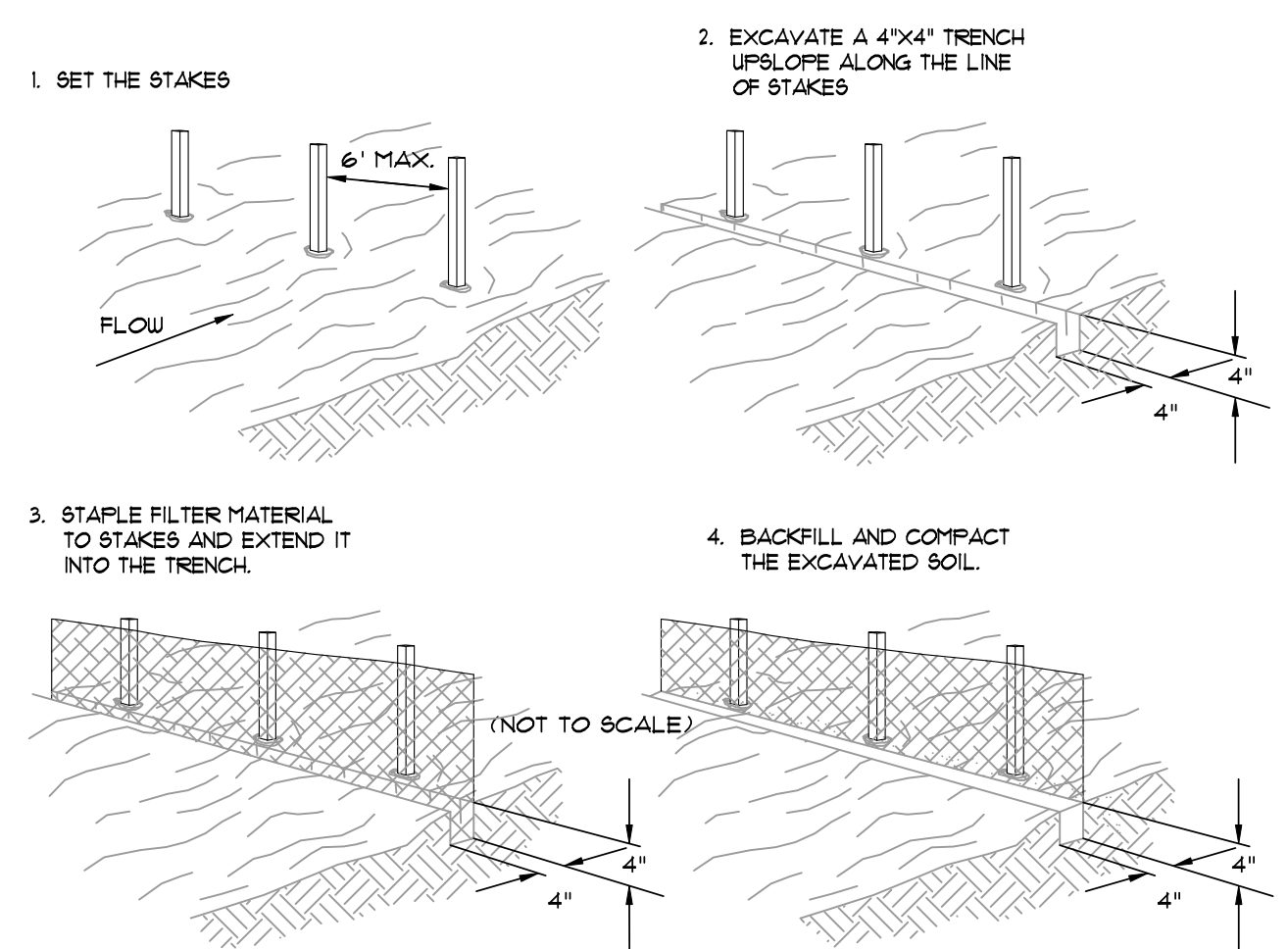
DETAIL - DRAINAGE SWALE - FLAT BOTTOM
N.T.S.



NO.	DESCRIPTION	DATE

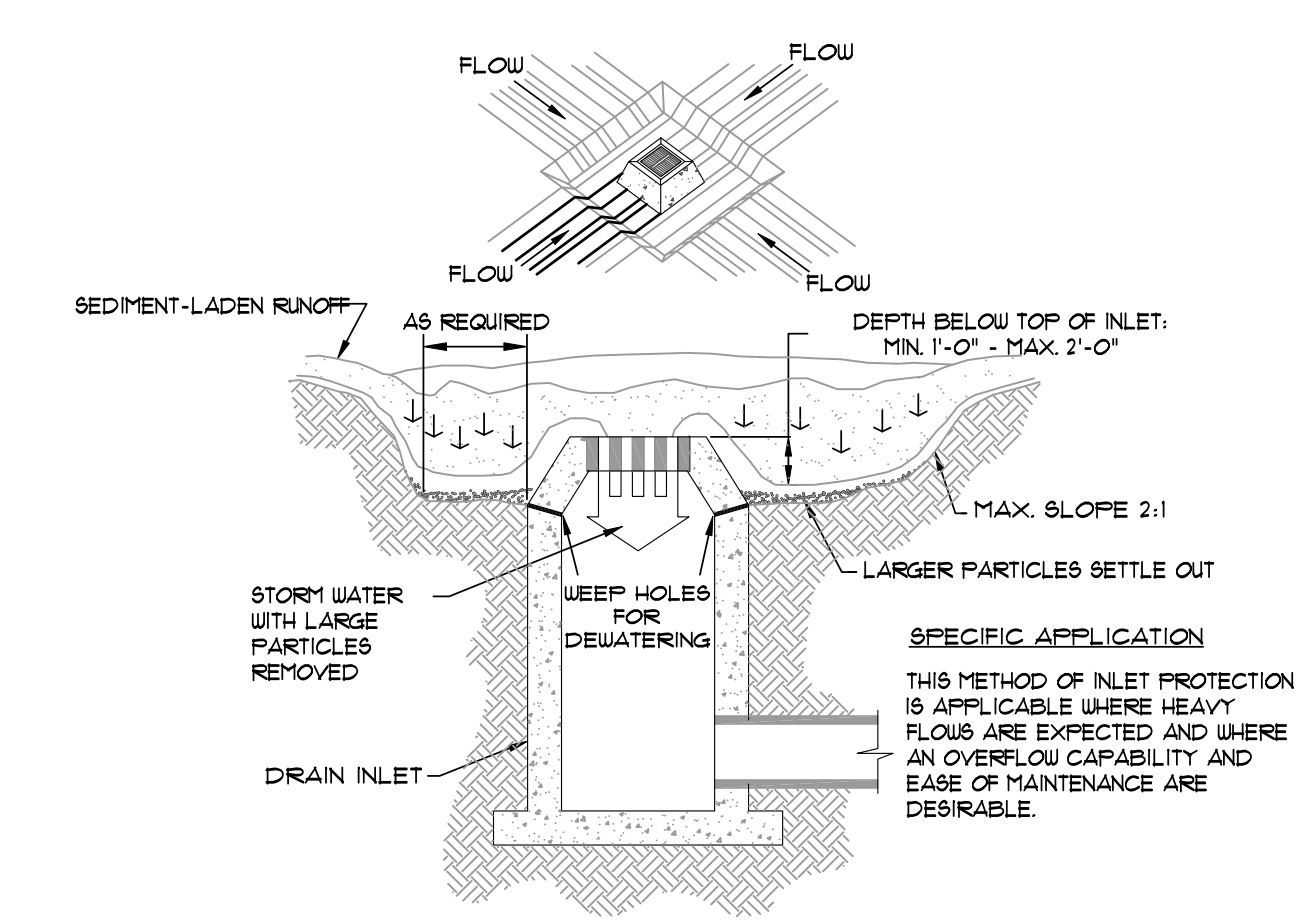
STANDARD DETAILS

DATE: 09/27/16	DRAWN: CCH
CADD FILE: 13179-SDP-C	CHECKED: JME
DWG# 0414292.0039	SHEET
SCALE: AS SHOWN	C010

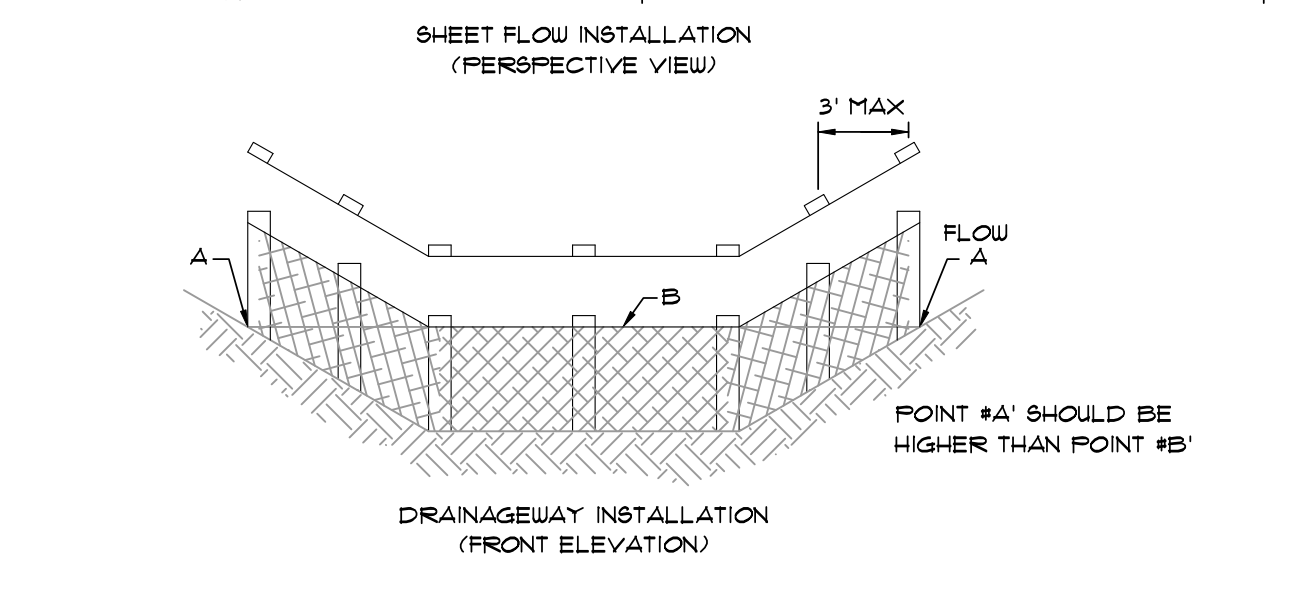


1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES, USE STACKS OF 4-INCH, 8-INCH, OR 12\"/>

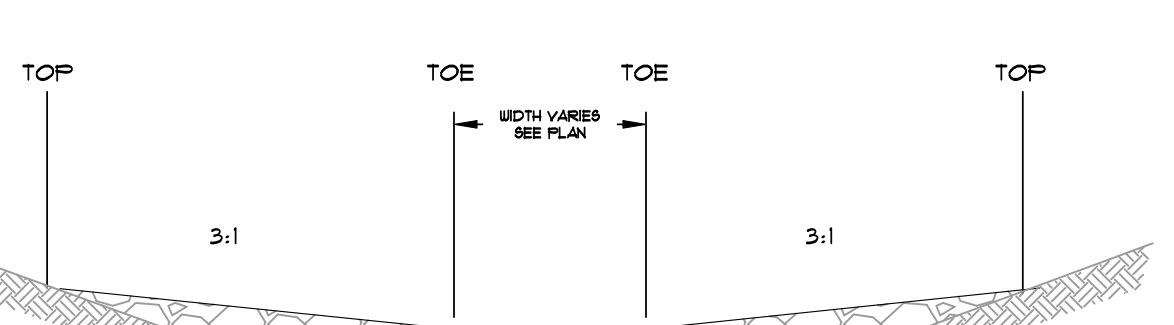
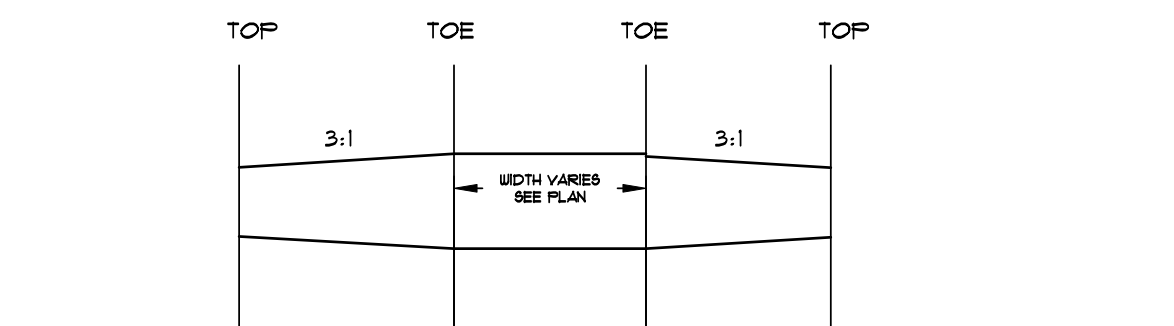
BLOCK AND AGGREGATE INLET SEDIMENT FILTER
SCALE: 1/2" = 1'-0"



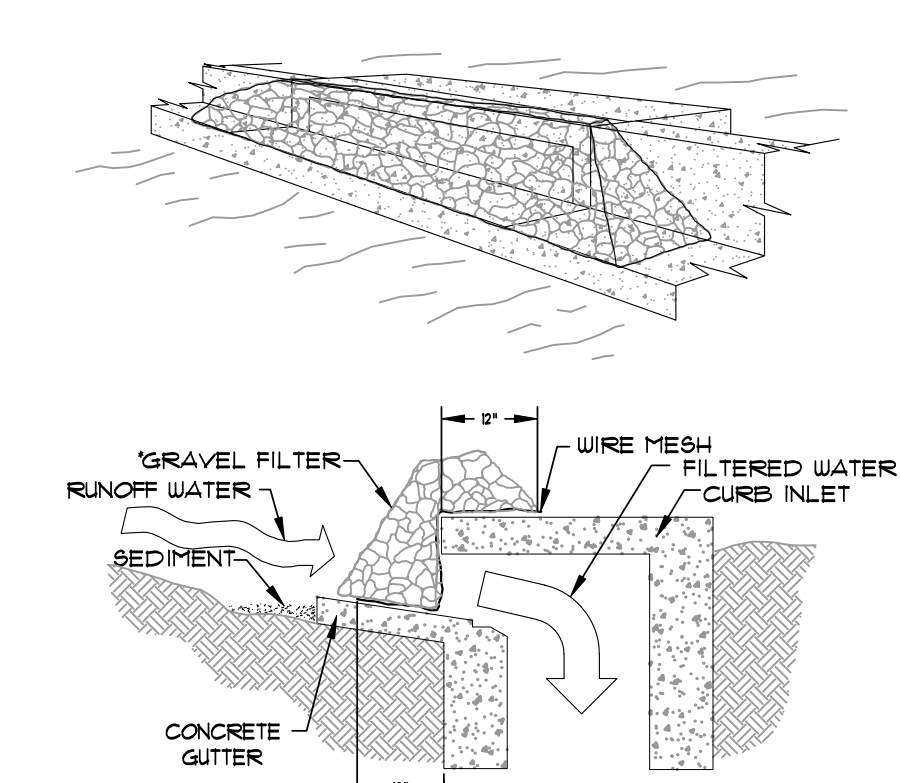
EXCAVATED INLET SEDIMENT TRAP
SCALE: 1/4" = 1'-0"



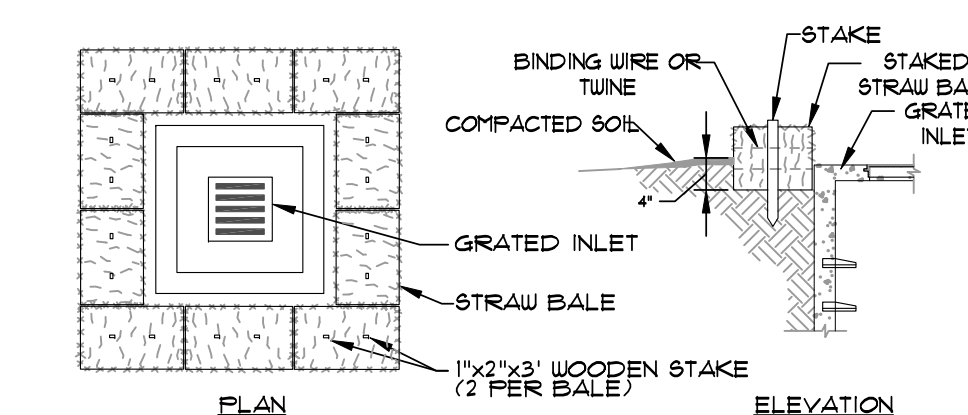
FILTER BARRIER
SCALE: 1/4" = 1'-0"



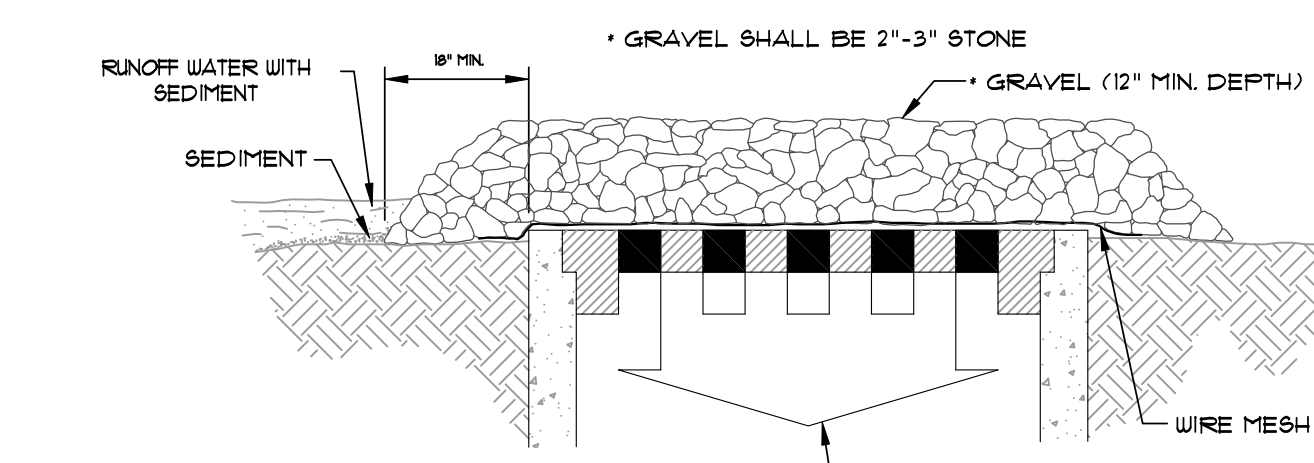
GRAVEL TO BE 2"-3" STONE
ROCK CHECK DAM
SCALE: 1/2" = 1'-0"



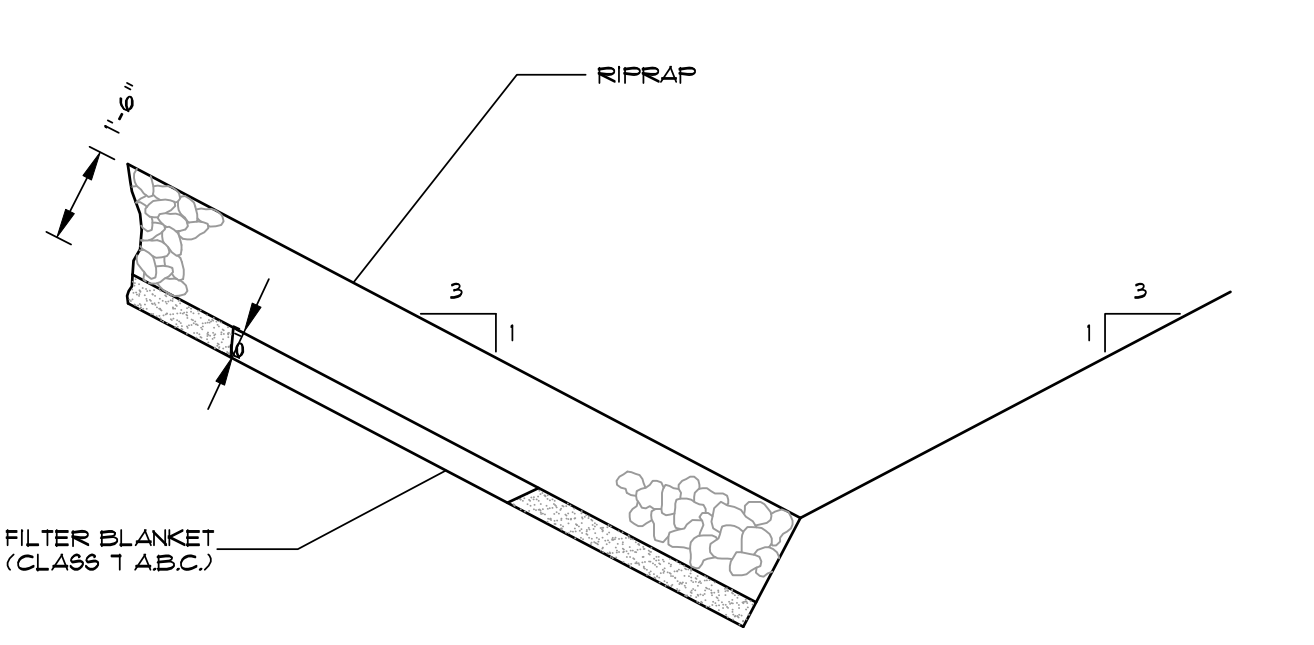
GRAVEL CURB INLET SEDIMENT FILTER
SCALE: 1/2" = 1'-0"



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

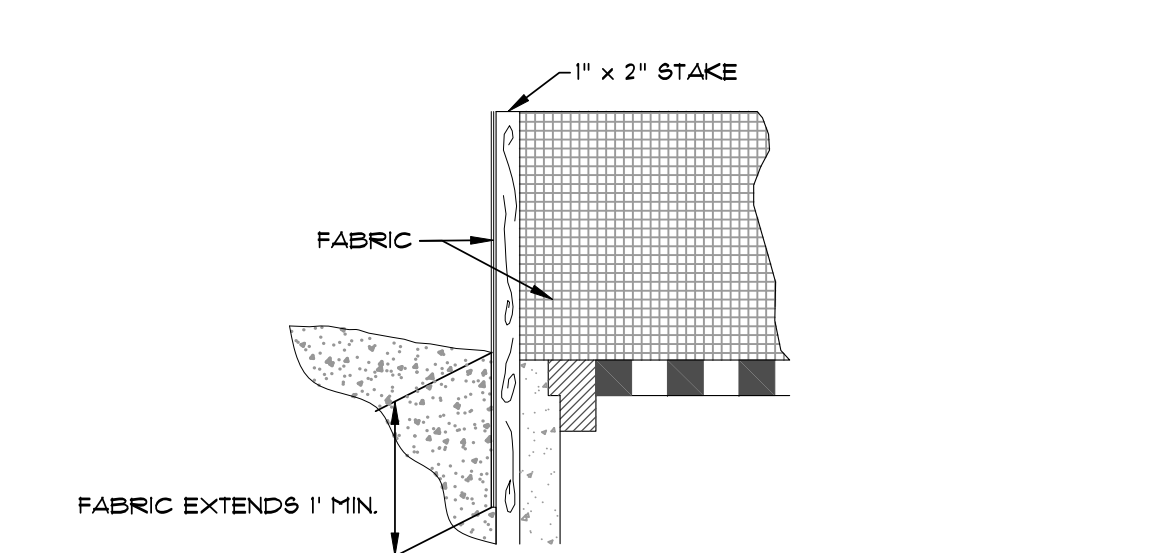
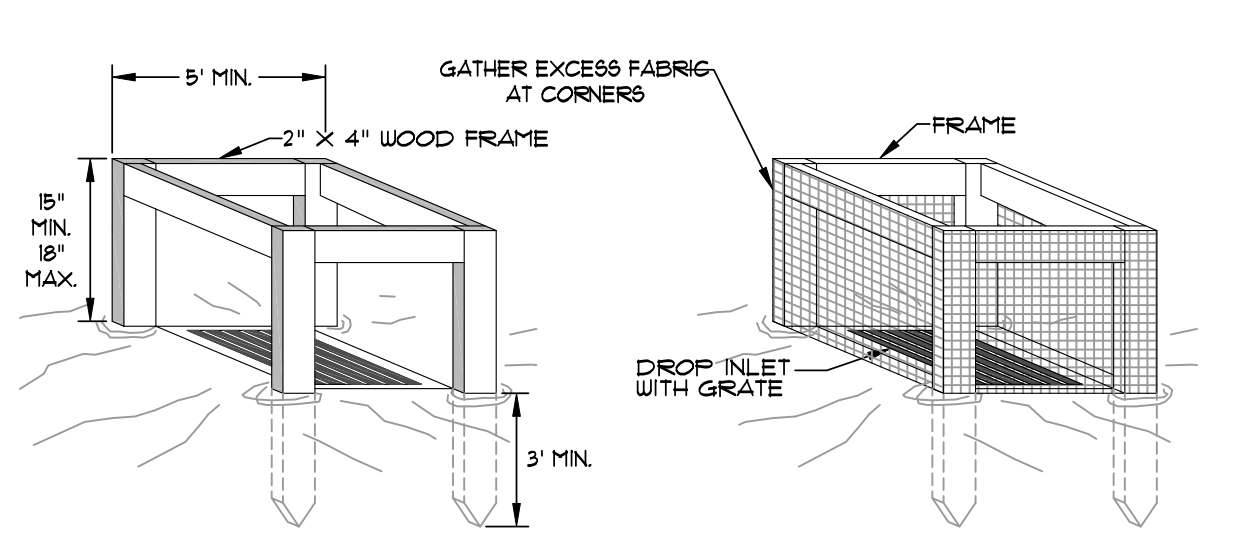


GRAVEL AND WIRE MESH INLET SEDIMENT FILTER
SCALE: 1/2" = 1'-0"

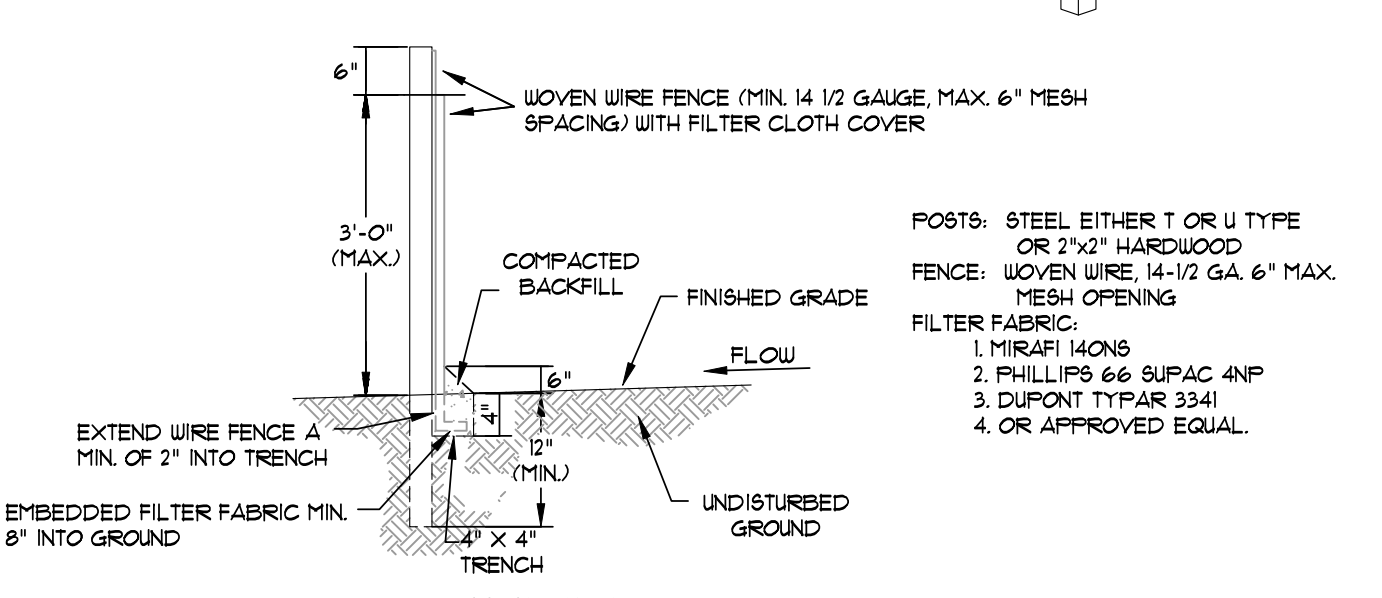
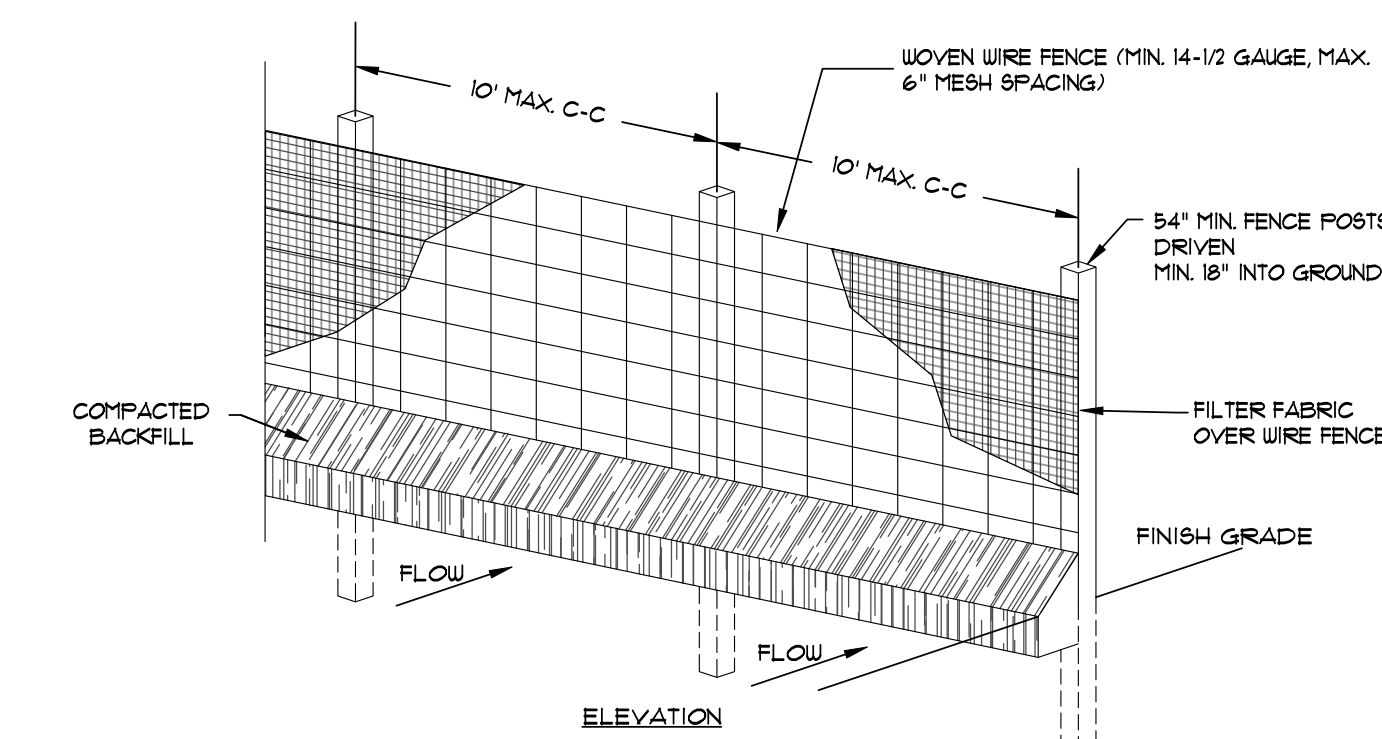


NOTE: IN LIEU OF AN AGGREGATE FILTER BLANKET, A SYNTHETIC FIBER GEOTEXTILE FABRIC MEETING THE REQUIREMENTS OF AASHTO M288 MAY BE USED. IN LIEU OF RIPRAP, AN EROSION CONTROL MAT MAY BE USED.

SECTION - DUMPED RIPRAP
TOE EXCAVATION IN SOIL

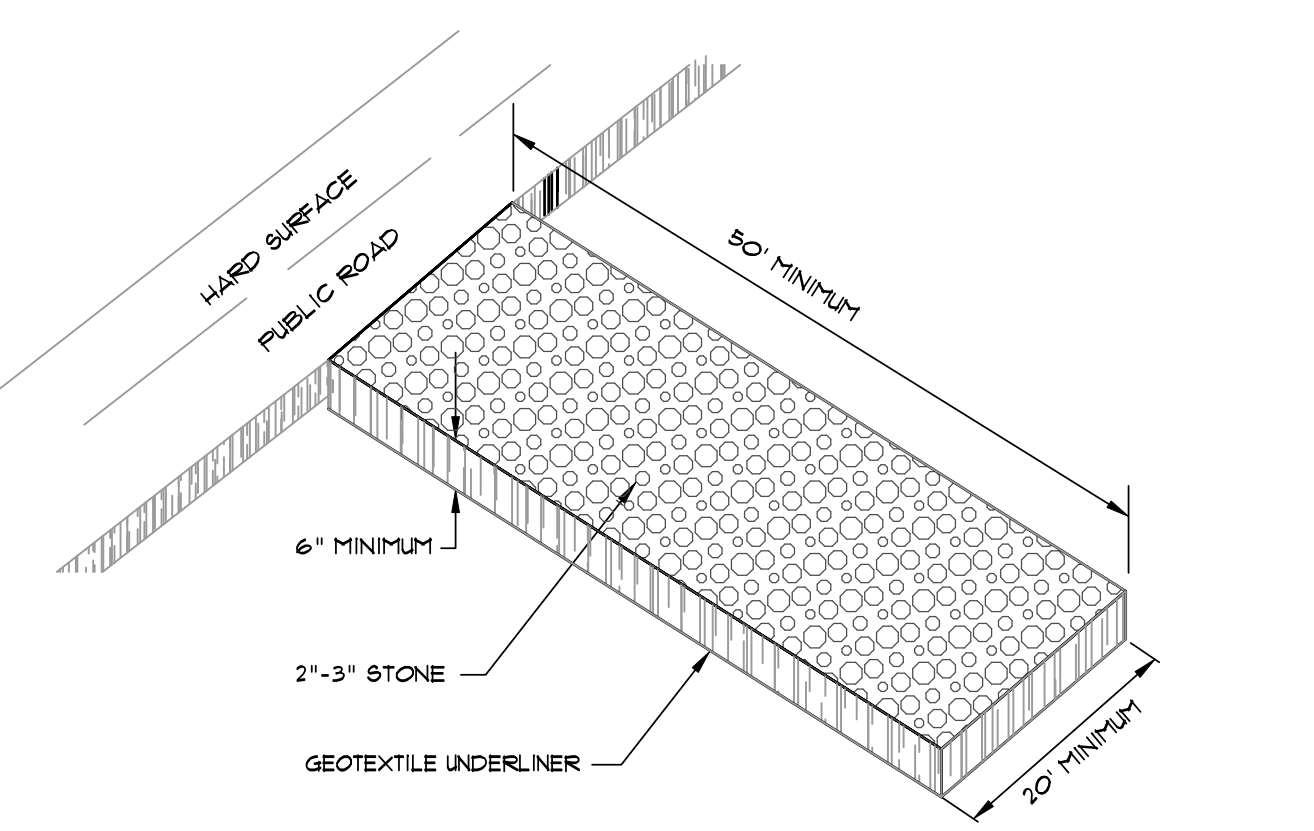


SILT FENCE INLET PROTECTION
SCALE: 1/2" = 1'-0"

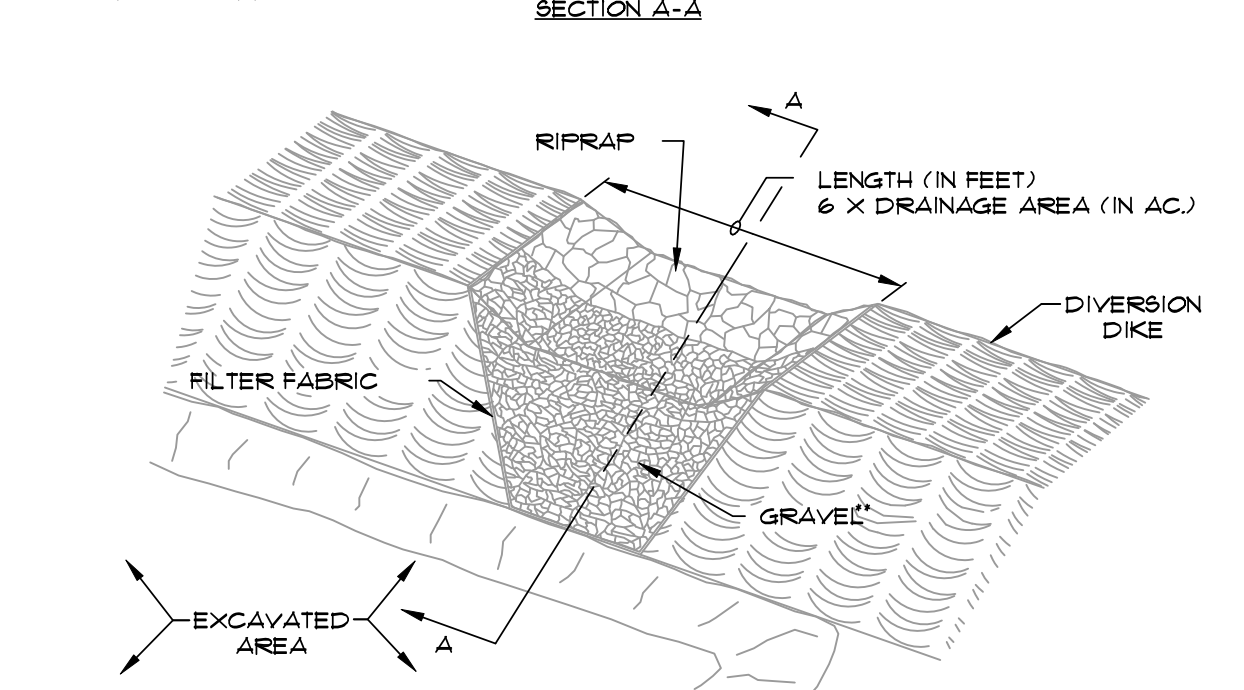
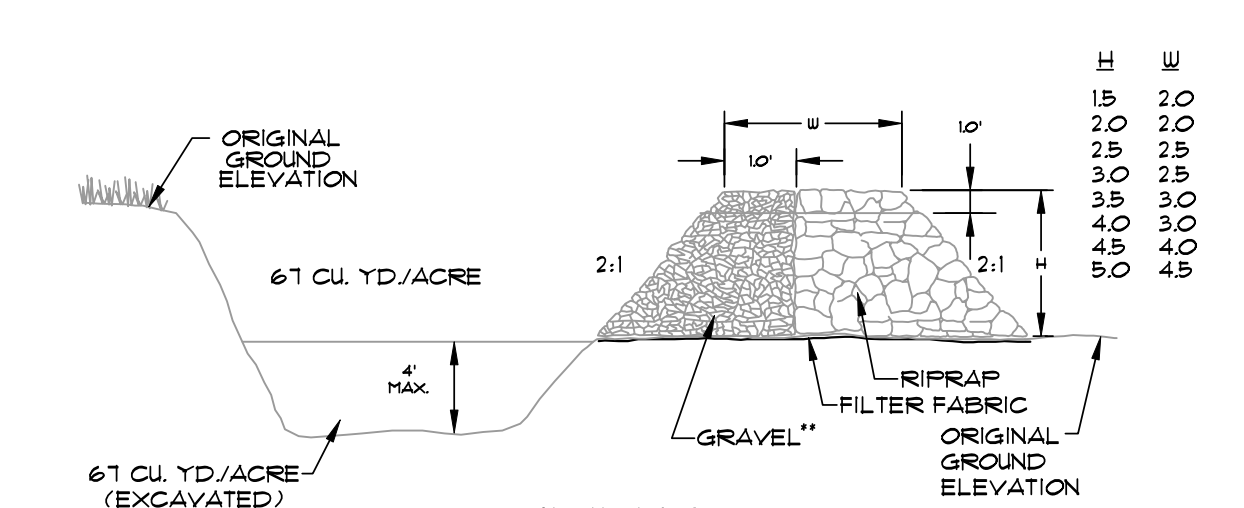


1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>

SILT FENCE
NOT TO SCALE



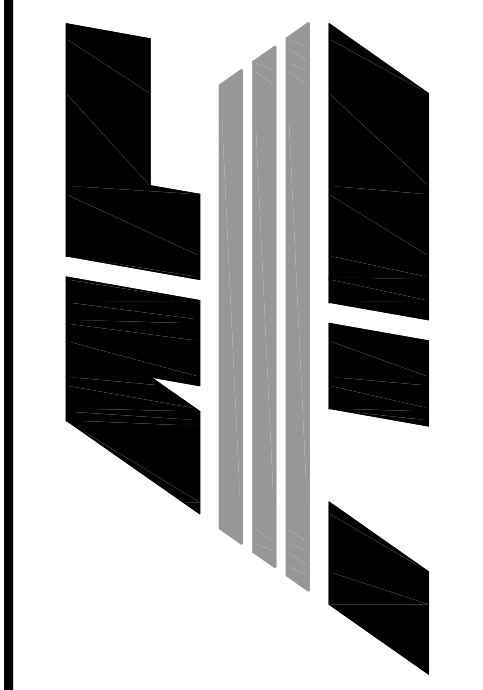
CONSTRUCTION ENTRANCE
NOT TO SCALE



** GRAVEL SHALL BE 2"-3" STONE OUTLET (PERSPECTIVE)

TEMPORARY SEDIMENT TRAP
SCALE: 3/8" = 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 THE WIDTH OF A BALE TO 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 REBAR DRIVEN THROUGH THE BALE.
 5. LOOSE STRAW SHALL BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.



NO.	DESCRIPTION	DATE

EROSION CONTROL DETAILS

DATE: 09/27/16	DRAWN: CCH
CADD FILE: 13179-SDP-C	CHECKED: JME
DWG# 0414292.0039	SHEET
SCALE: AS SHOWN	C011