

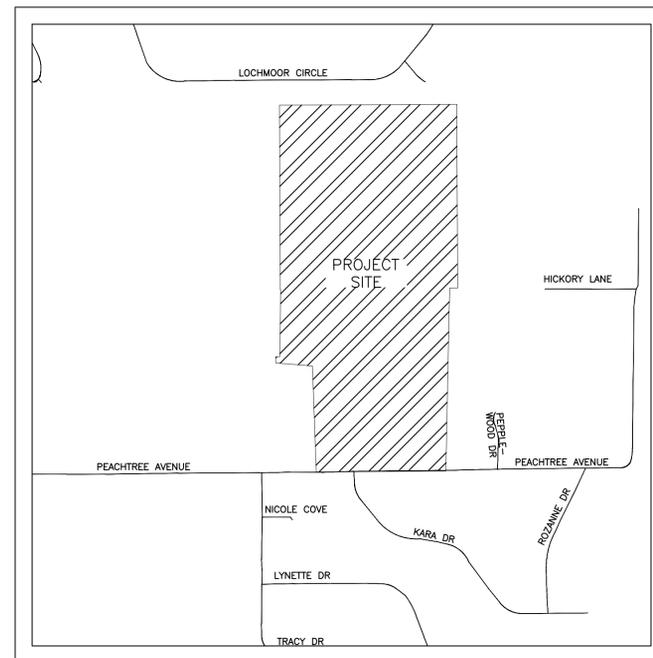
# EDEN HILLS ESTATES

## EDEN HILLS PHASE I PRELIMINARY APPROVAL

### JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

#### LOCAL CONTACTS

CITY OF JONESBORO ENGINEERING DEPT.	870-932-2438
CITY OF JONESBORO PLANNING AND ZONING	870-932-0406
CITY, WATER, & LIGHT	870-935-5581
AT&T	1-800-464-7928
RITTER COMMUNICATIONS	870-336-3400
SUDDENLINK COMMUNICATIONS	870-935-3615
CENTER POINT ENERGY	870-972-6682



VICINITY MAP  
(NOT TO SCALE)

INDEX OF SHEETS	
PAGE	DESCRIPTION
1	COVER PAGE
2	KEY MAP
3	EXISTING TOPOGRAPHY
4	SWPPP
5	OVERALL UTILITY
6	OVERALL DRAINAGE
7	STREET PLAN & PROFILE
8	STREET PLAN & PROFILE
9	SWPPP DETAILS
10	STREET DETAILS

**MARK MORRIS**  
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 3221 SHELBY DRIVE  
 JONESBORO, AR 72404  
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 MARK.B.MORRIS@YAHOO.COM

EDEN HILLS PHASE I

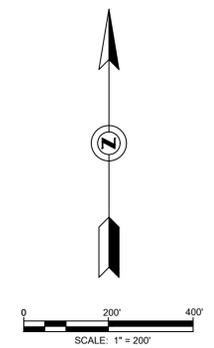
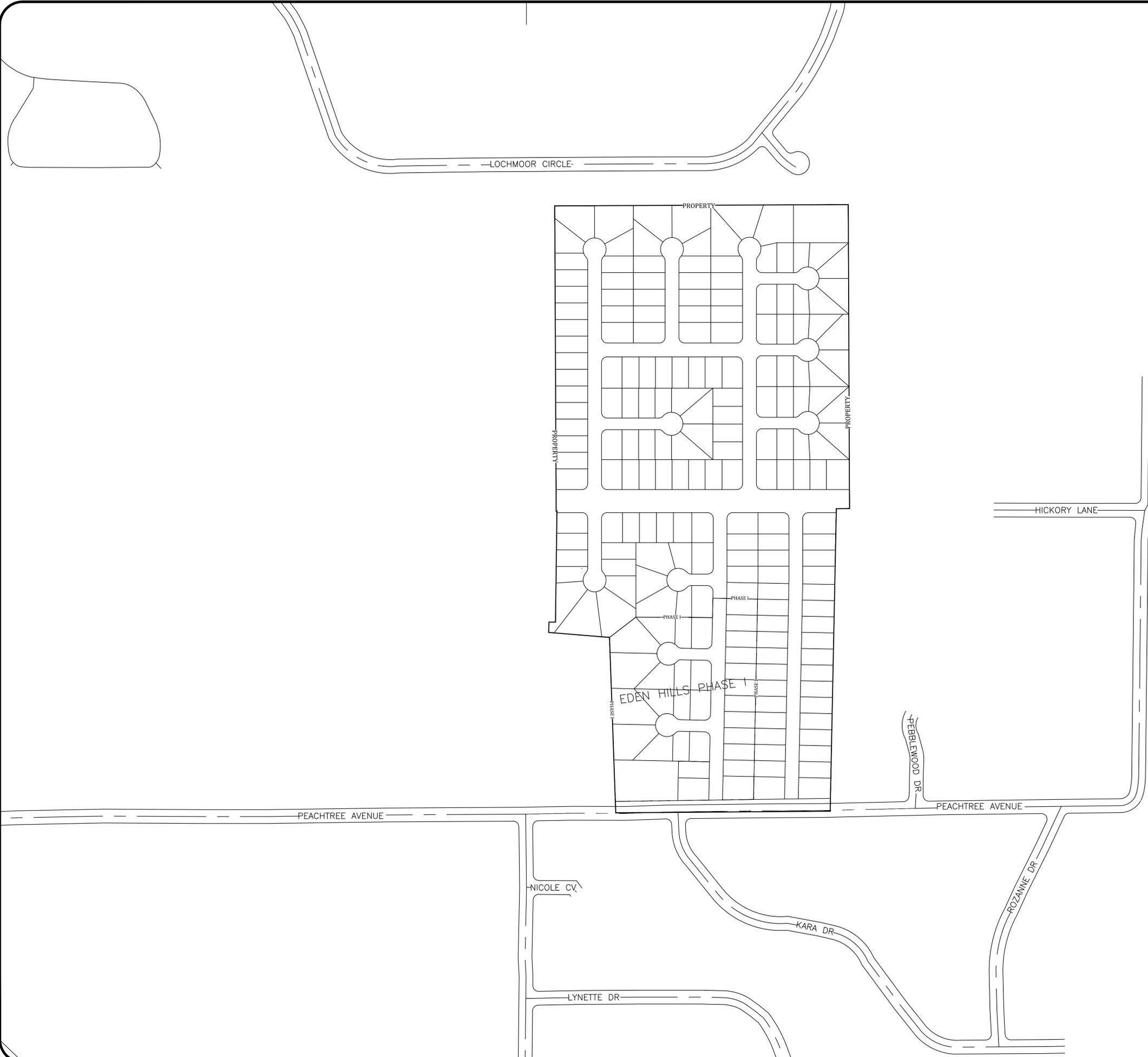
COVER PAGE



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	GMD
DATE:	9/27/2017
SCALE:	1"=77'

SHEET NUMBER:  
**1** of **10**



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# MARK MORRIS

EDEN HILLS PHASE I

KEY MAP



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	GMD
DATE:	9/27/2017
SCALE:	1"=200'

SHEET NUMBER:  
**2** of **10**



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# MARK MORRIS

EDEN HILLS PHASE I

EXISTING TOPOGRAPHY



REVISIONS		
DATE	BY	DESCRIPTION

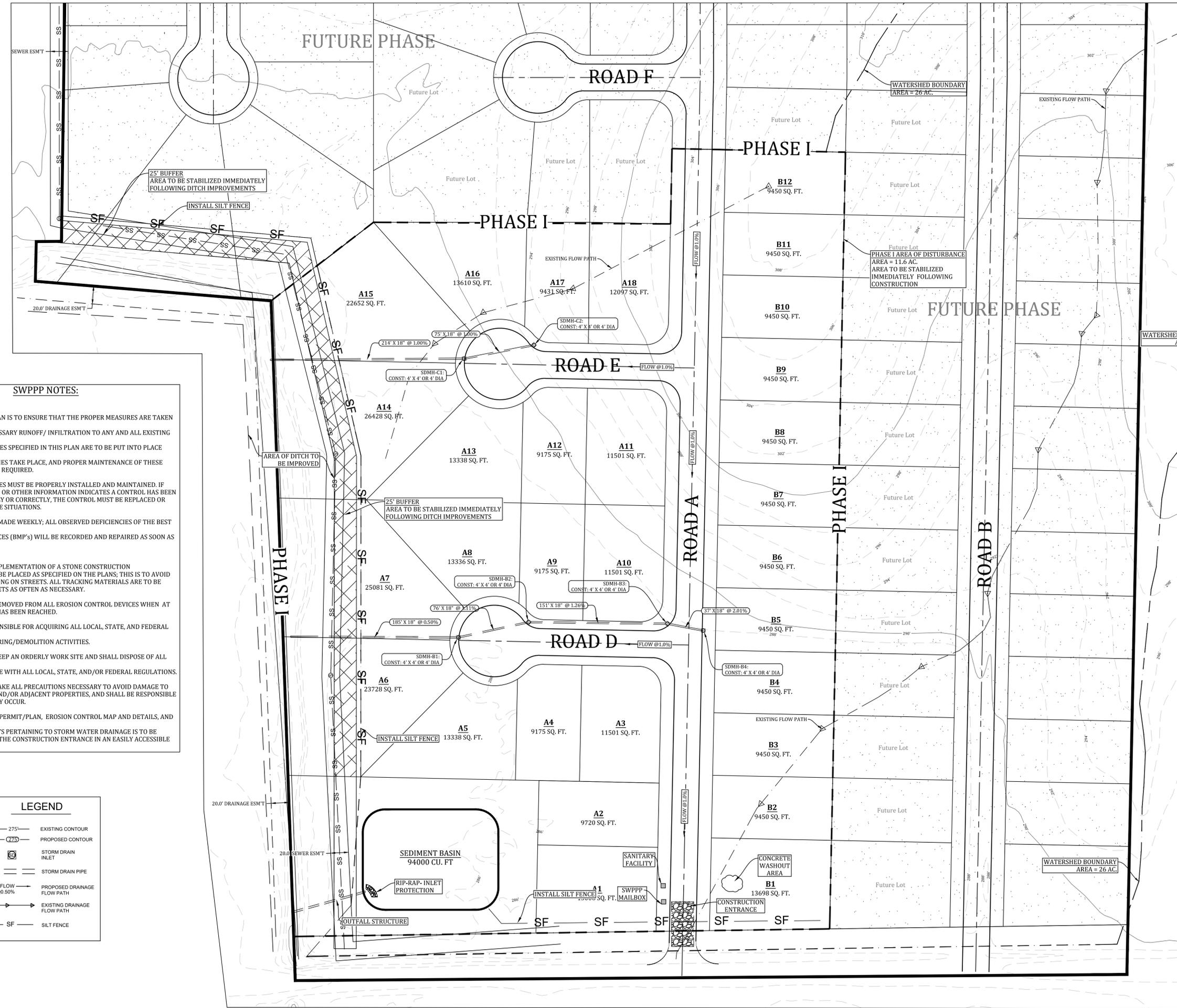
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SHEET NUMBER:  
**3** of **10**



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DATE	BY	DESCRIPTION

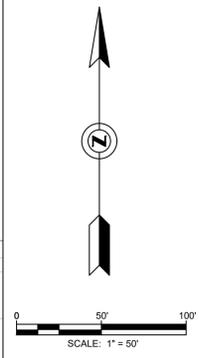
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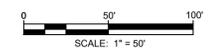


- SWPPP NOTES:**
1. THIS SWPPP/DEMO PLAN IS TO ENSURE THAT THE PROPER MEASURES ARE TAKEN IN ORDER TO PREVENT ANY UNNECESSARY RUNOFF/ INFILTRATION TO ANY AND ALL EXISTING WATER WAYS. THE CONTROL MEASURES SPECIFIED IN THIS PLAN ARE TO BE PUT INTO PLACE BEFORE ANY DISTURBANCE ACTIVITIES TAKE PLACE, AND PROPER MAINTENANCE OF THESE CONTROL MEASURES IS REQUIRED.
  2. ALL CONTROL MEASURES MUST BE PROPERLY INSTALLED AND MAINTAINED. IF PERIODIC INSPECTIONS OR OTHER INFORMATION INDICATES A CONTROL HAS BEEN USED INAPPROPRIATELY OR CORRECTLY, THE CONTROL MUST BE REPLACED OR MODIFIED FOR THE SITE SITUATIONS.
  3. INSPECTIONS WILL BE MADE WEEKLY; ALL OBSERVED DEFICIENCIES OF THE BEST MANAGEMENT PRACTICES (BMP'S) WILL BE RECORDED AND REPAIRED AS SOON AS POSSIBLE.
  4. INSTALLATION AND IMPLEMENTATION OF A STONE CONSTRUCTION ENTRANCE/EXIT IS TO BE PLACED AS SPECIFIED ON THE PLANS; THIS IS TO AVOID DUST AND MUD TRACKING ON STREETS. ALL TRACKING MATERIALS ARE TO BE CLEANED OFF OF STREETS AS OFTEN AS NECESSARY.
  5. SEDIMENT SHALL BE REMOVED FROM ALL EROSION CONTROL DEVICES WHEN AT LEAST 50% CAPACITY HAS BEEN REACHED.
  6. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL LOCAL, STATE, AND FEDERAL PERMITS RELATED TO ALL CLEARING/DEMOLITION ACTIVITIES.
  7. CONTRACTOR SHALL KEEP AN ORDERLY WORK SITE AND SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS.
  8. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO EXISTING FACILITIES AND/OR ADJACENT PROPERTIES, AND SHALL BE RESPONSIBLE FOR DAMAGE THAT MAY OCCUR.
  9. A COPY OF THE SWPPP PERMIT/PLAN, EROSION CONTROL MAP AND DETAILS, AND ANY OTHER NECESSARY DOCUMENTS PERTAINING TO STORM WATER DRAINAGE IS TO BE PLACED ON SITE NEAR THE CONSTRUCTION ENTRANCE IN AN EASILY ACCESSIBLE LOCATION.

**LEGEND**

	EXISTING CONTOUR
	PROPOSED CONTOUR
	STORM DRAIN INLET
	STORM DRAIN PIPE
	PROPOSED DRAINAGE FLOW PATH
	EXISTING DRAINAGE FLOW PATH
	SILT FENCE





ARKANSAS ONE-CALL SYSTEM, INC.  
1-800-482-8998 OR 811

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# MARK MORRIS

EDEN HILLS PHASE I

OVERALL UTILITY



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	GMD
DATE:	9/27/2017
SCALE:	1"=50'

SHEET NUMBER:  
**5** of **10**



ARKANSAS ONE-CALL SYSTEM, INC.  
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EDEN HILLS PHASE I

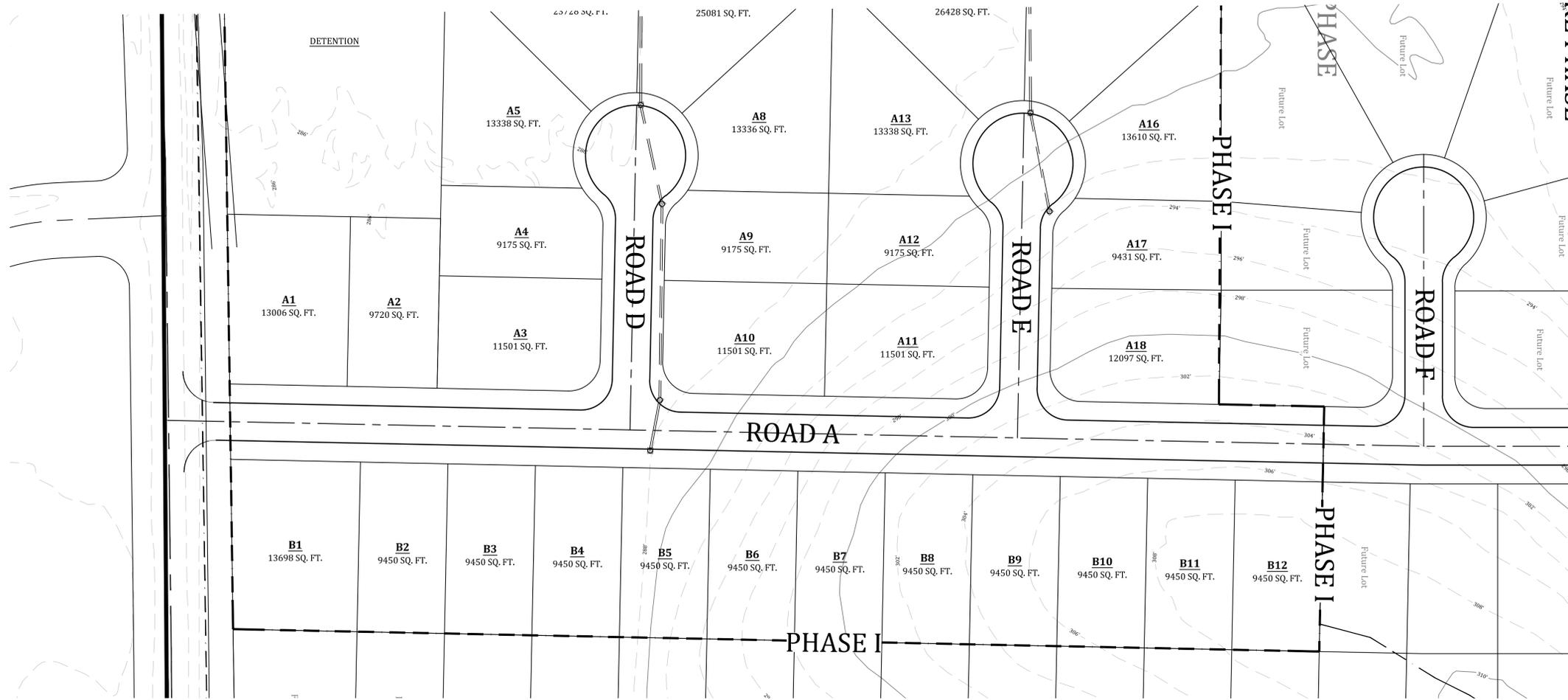
OVERALL DRAINAGE



REVISIONS		
DATE	BY	DESCRIPTION

DRAWING INFO.	
DRAWN BY:	GMD
DATE:	9/27/2017
SCALE:	1"=50'

SHEET NUMBER:  
**6** of **10**



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**EDEN HILLS PHASE I**  
**STREET PLAN & PROFILE**



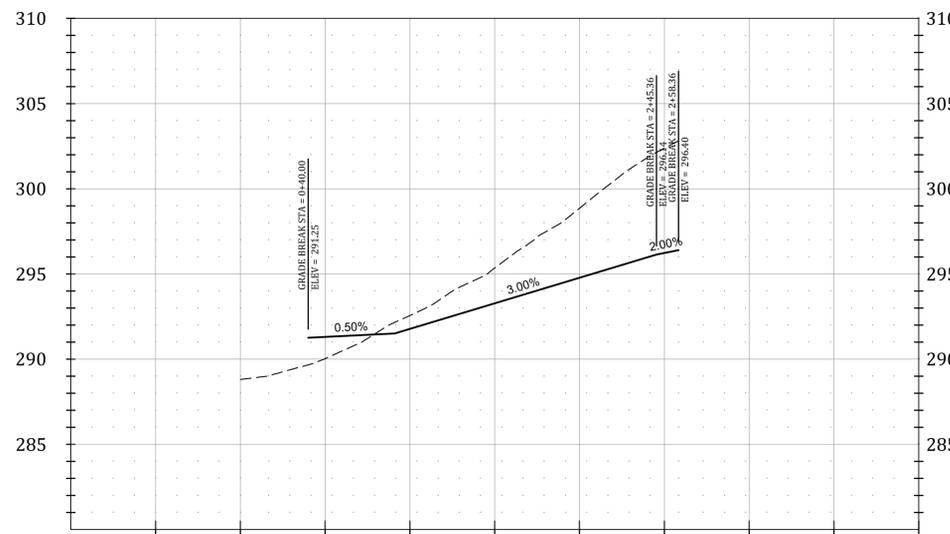
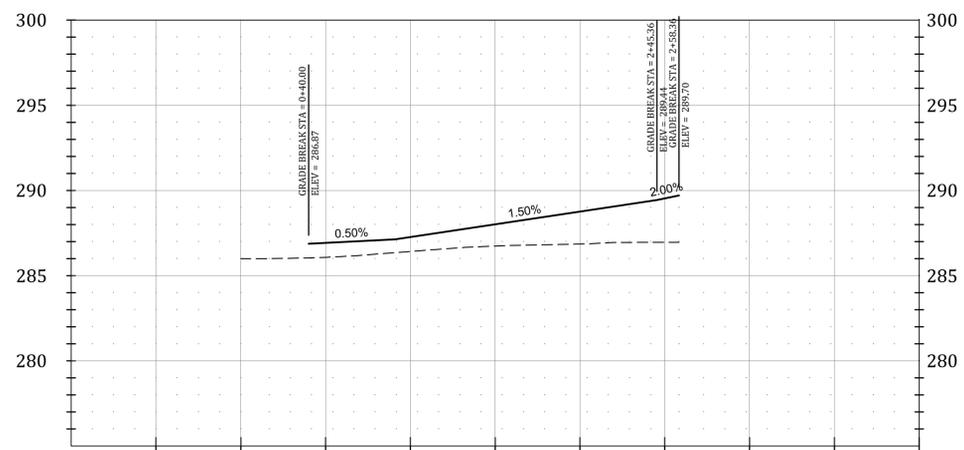
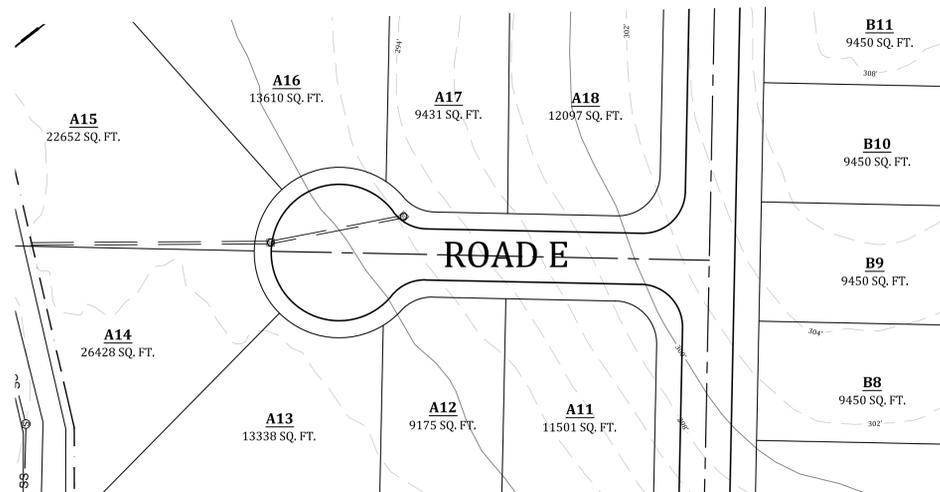
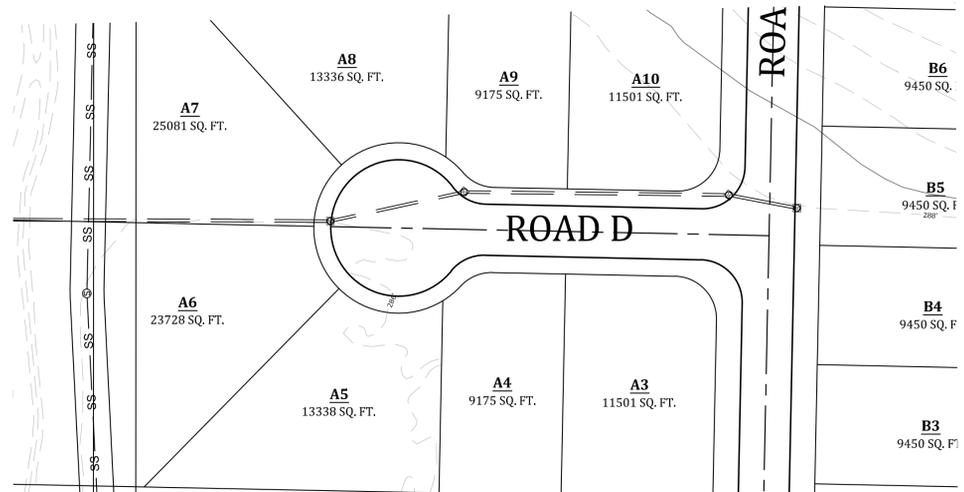
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DATE	BY	DESCRIPTION

DRAWING INFO.	
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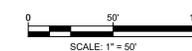
SHEET NUMBER:  
**7 of 10**

VERTICAL SCALE 1:10  
 HORIZONTAL SCALE 1:50





VERTICAL SCALE 1:10  
HORIZONTAL SCALE 1:50

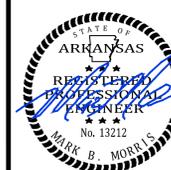


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EDEN HILLS PHASE I

STREET PLAN & PROFILE

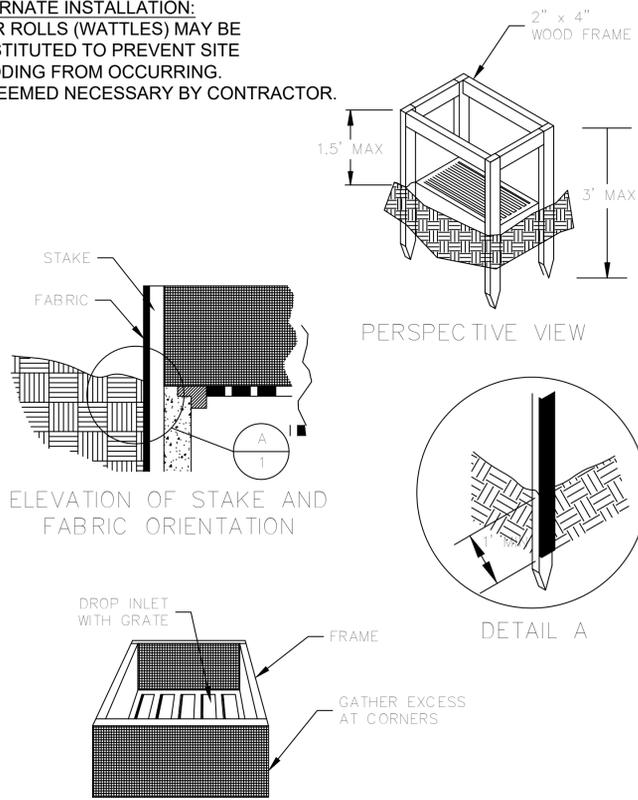


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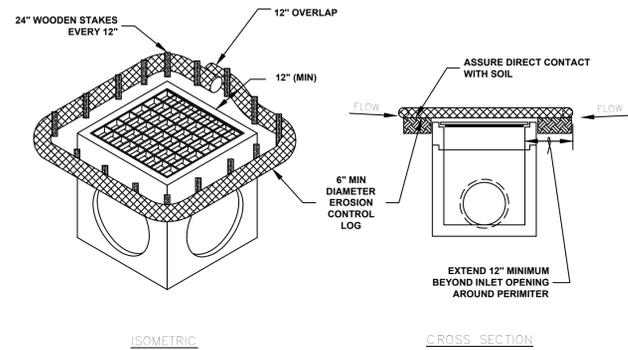
SHEET NUMBER:  
**8** of **10**

**ALTERNATE INSTALLATION:**  
FIBER ROLLS (WATTLES) MAY BE SUBSTITUTED TO PREVENT SITE FLOODING FROM OCCURRING. AS DEEMED NECESSARY BY CONTRACTOR.



FILTER FABRIC INLET PROTECTION

NOT TO SCALE

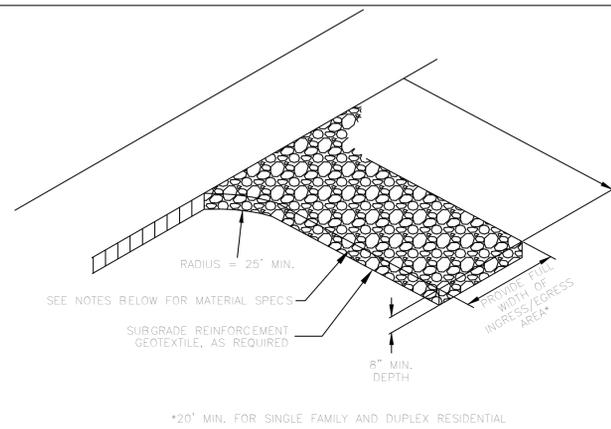


**NOTES:**

1. EROSION CONTROL LOG CONTAINMENT MESH SHALL BE 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE; AND FILL MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS, 100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL EXCLUDING STRAW AND HAY.
2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 50% CAPACITY.
3. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY CLEAN THE INLET PROTECTION IF EXCESSIVE PONDING OCCURS.
4. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

FIBER ROLL (WATTLE) INLET PROTECTION

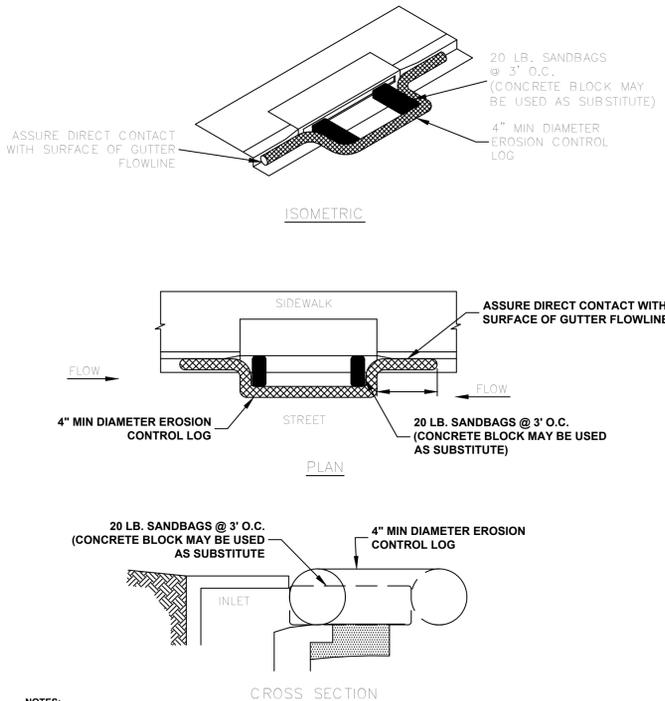
NOT TO SCALE



- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  4. WHERE RUNOFF CONTAINING SEDIMENT-LADEN WATER IS LEAVING THE SITE VIA THE CONSTRUCTION ENTRANCE, OTHER MEASURES SHALL BE IMPLEMENTED TO DIVERT RUNOFF THROUGH AN APPROVED FILTERING SYSTEM.
  5. DIMENSIONS:  
SINGLE FAMILY AND DUPLEX  
20' LONG BY 20' WIDE, 8" DEEP OF 3/4" MINUS CLEAN ROCK.  
COMMERCIAL  
50' LONG BY 20' WIDE, 3-6" DEEP CLEAN ROCK. GOVERNING AUTHORITY MAY REQUIRE GEOTEXTILE FABRIC TO PREVENT SUB-SOIL PUMPING.

CONSTRUCTION ENTRANCE

NOT TO SCALE

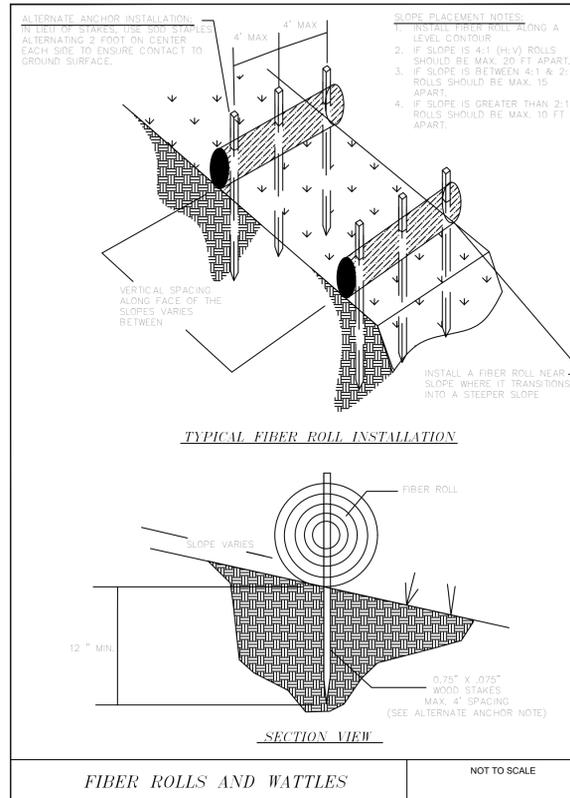


**NOTES:**

1. EROSION CONTROL LOG CONTAINMENT MESH SHALL BE 100% BIODEGRADABLE, PHOTODEGRADABLE OR RECYCLABLE; AND FILL MATERIAL SHALL CONSIST OF MULCH, ASPEN EXCELSIOR FIBERS, CHIPPED SITE VEGETATION, COCONUT FIBERS, 100% RECYCLABLE FIBERS, OR ANY OTHER ACCEPTABLE MATERIAL EXCLUDING STRAW AND HAY.
2. DAILY INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 50% CAPACITY.
3. CONTRACTOR SHALL MONITOR THE PERFORMANCE OF INLET PROTECTION DURING EACH RAINFALL EVENT AND IMMEDIATELY REMOVE THE INLET PROTECTIONS IF THE STORM WATER BEGINS TO OVERTOP THE CURB.
4. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.

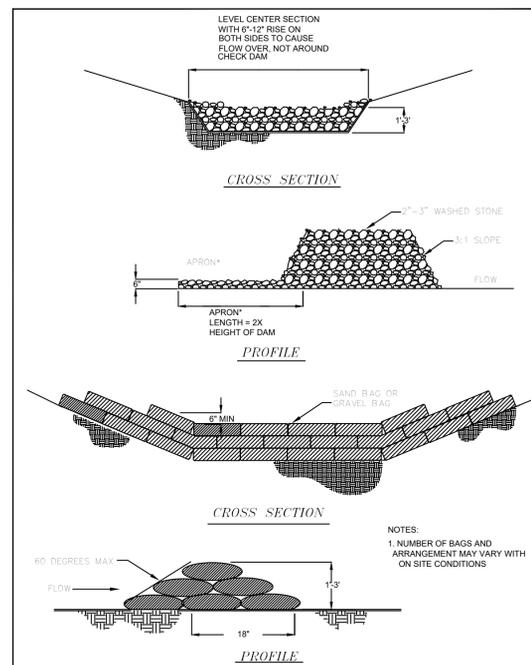
FIBER ROLL (WATTLE) CURB INLET PROTECTION

NOT TO SCALE



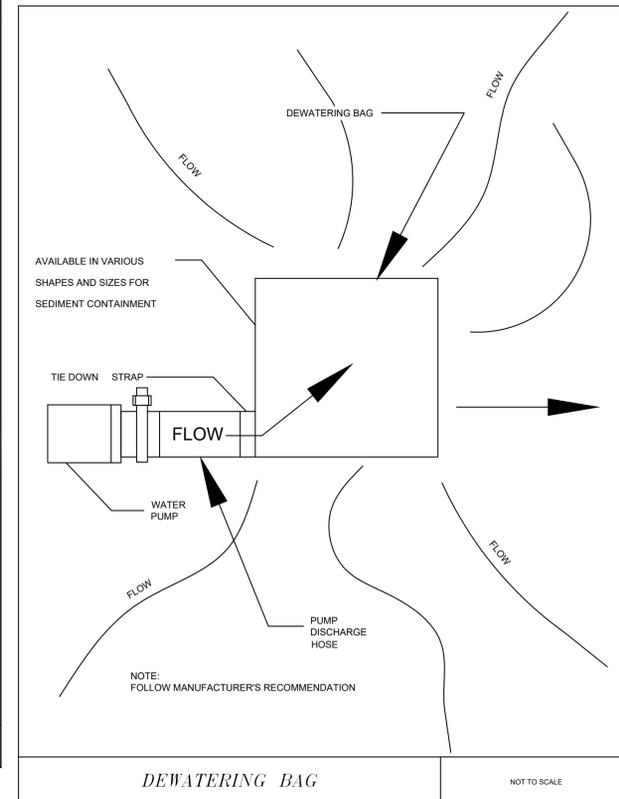
FIBER ROLLS AND WATTLES

NOT TO SCALE



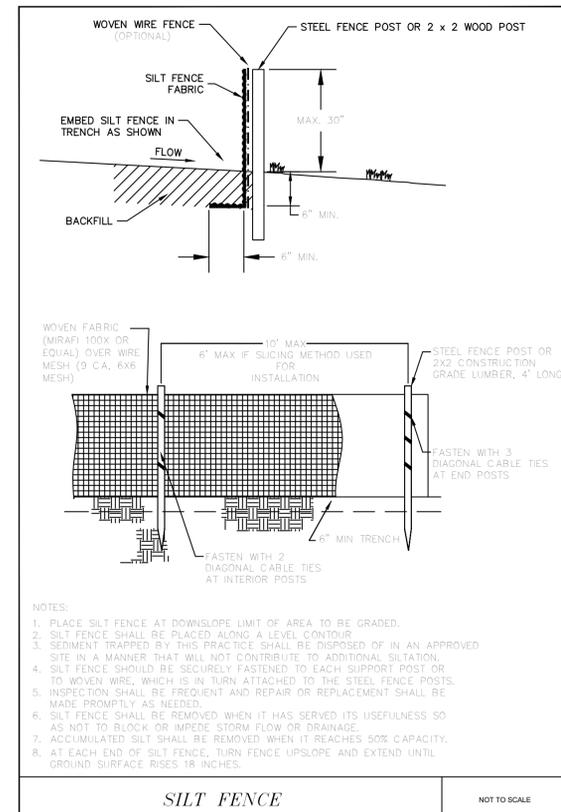
DITCH CHECKS (STONE & SAND BAG)

NOT TO SCALE



DEWATERING BAG

NOT TO SCALE



SILT FENCE

NOT TO SCALE

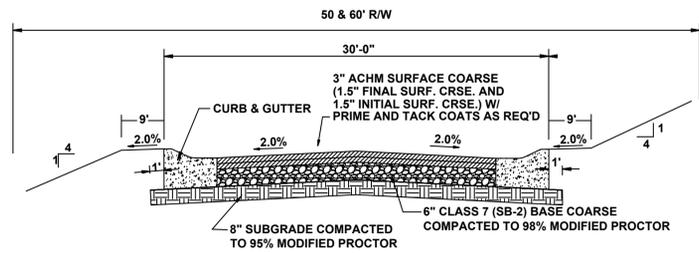


REVISIONS

DATE	BY	DESCRIPTION

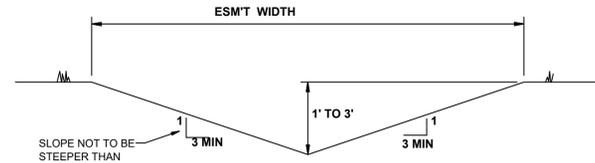
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DATE:	9/27/2017
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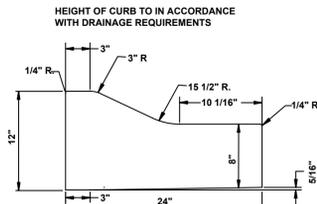
**TYPICAL SECTION - INTERIOR STREETS**

N.T.S.



**'A' TYPICAL DITCH DETAIL**

N.T.S.

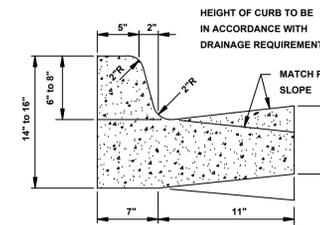


**TYPE 'B' CURB & GUTTER**

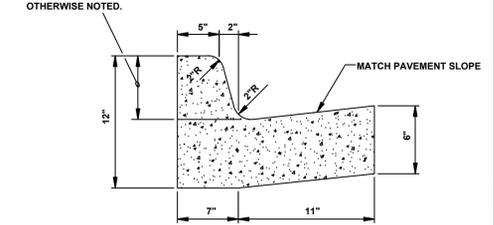
N.T.S.

NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF JONESBORO SPECIFICATIONS

NO DRIVEWAY CUTS ALLOWED WITH THIS TYPE OF CURB



**TYPE 'A-18' (BARRIER) ARTERIAL STREETS**

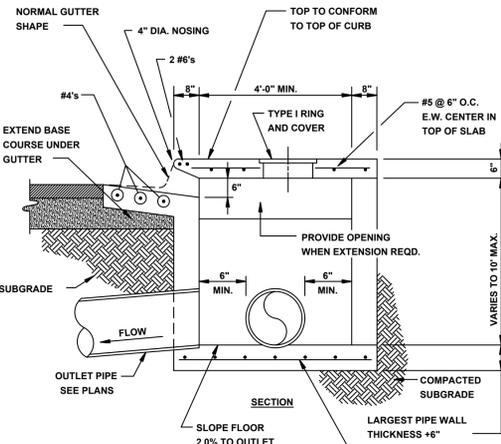


**TYPE 'A-18' (BARRIER) RESIDENTIAL & COLLECTOR STREETS**

**COMBINATION CURB & GUTTER**

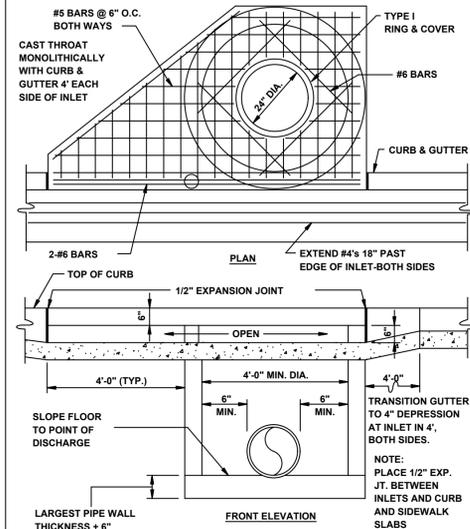
N.T.S.

NOTE: CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.



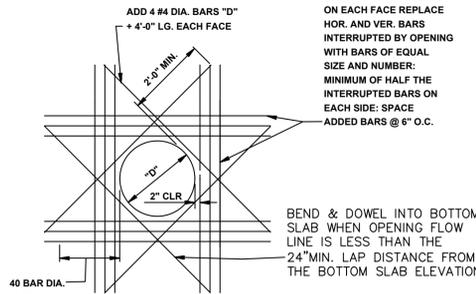
**SECTION - CIRCULAR CURB INLET**

N.T.S.



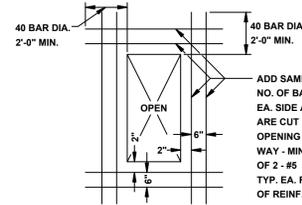
**CIRCULAR CURB INLET W/ INLET EXTENSION**

N.T.S.



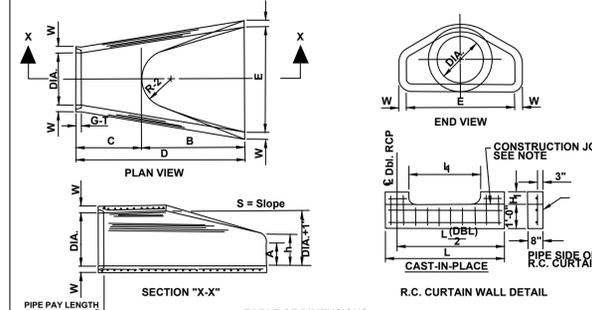
**ADDED REINFORCEMENT AT ROUND OPENING IN WALL OR SLAB**

N.T.S.



**ADDED REINFORCEMENT AT RECTANGULAR OPENING IN WALL OR SLAB**

N.T.S.

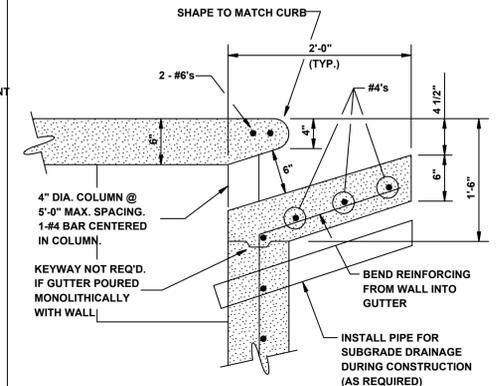


PIPE WALL THICKNESS	A	B	C	D	E	S	DIA. + 1/4"	P	R-1	R-2	G-1	WT	h
18"	2 1/2"	8"	2 3/4"	3 1/2"	4 1/2"	5 1/2"	3 1/2"	18"	15 1/8"	12"	2"	1600	1'-0 1/2"
24"	3 3/8"	9 1/2"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	4 1/4"	24"	20 1/8"	16"	2 1/2"	1600	1'-1 1/2"
30"	4 1/2"	11"	5 1/4"	6 1/4"	7 1/4"	8 1/4"	5 1/4"	30"	26 1/8"	20"	3 1/4"	1900	1'-2 3/8"
36"	5 1/2"	12 1/2"	6 1/4"	7 1/4"	8 1/4"	9 1/4"	6 1/4"	36"	32 1/8"	24"	4 1/4"	2200	1'-3 1/2"
42"	6 1/2"	14"	7 1/4"	8 1/4"	9 1/4"	10 1/4"	7 1/4"	42"	38 1/8"	28"	5 1/4"	2500	1'-4 1/2"
48"	7 1/2"	15 1/2"	8 1/4"	9 1/4"	10 1/4"	11 1/4"	8 1/4"	48"	44 1/8"	32"	6 1/4"	2800	1'-5 1/2"
54"	8 1/2"	17"	9 1/4"	10 1/4"	11 1/4"	12 1/4"	9 1/4"	54"	50 1/8"	36"	7 1/4"	3100	1'-6 1/2"
60"	9 1/2"	18 1/2"	10 1/4"	11 1/4"	12 1/4"	13 1/4"	10 1/4"	60"	56 1/8"	40"	8 1/4"	3400	1'-7 1/2"
66"	10 1/2"	20"	11 1/4"	12 1/4"	13 1/4"	14 1/4"	11 1/4"	66"	62 1/8"	44"	9 1/4"	3700	1'-8 1/2"
72"	11 1/2"	21 1/2"	12 1/4"	13 1/4"	14 1/4"	15 1/4"	12 1/4"	72"	68 1/8"	48"	10 1/4"	4000	1'-9 1/2"

- 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.

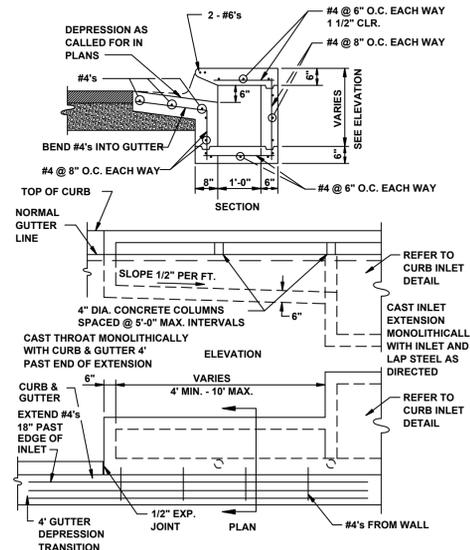
**FLARED END SECTION DETAIL FOR REINFORCED CONCRETE PIPE CULVERT**

N.T.S.



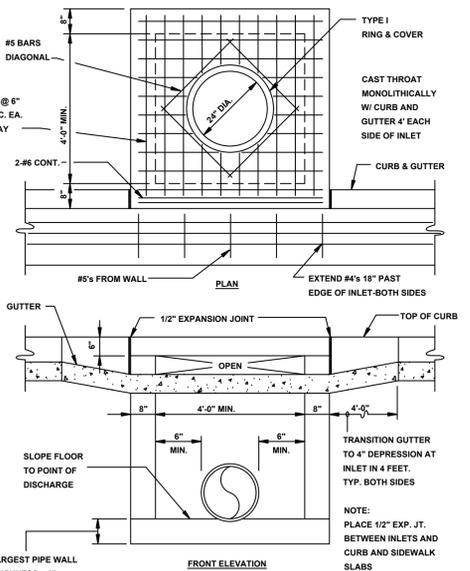
**CURB OPENING**

N.T.S.



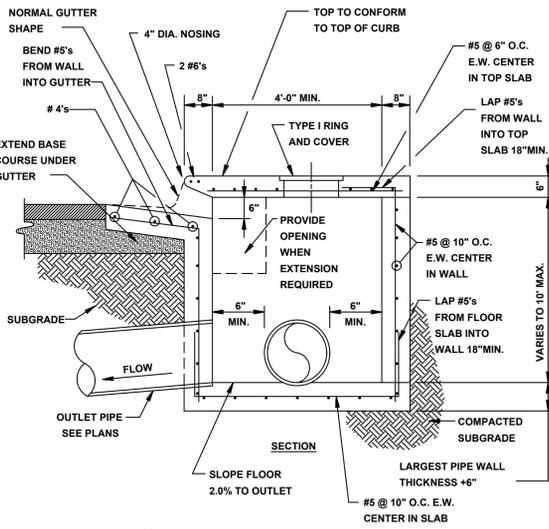
**RECTANGULAR CURB INLET EXTENSION**

N.T.S.



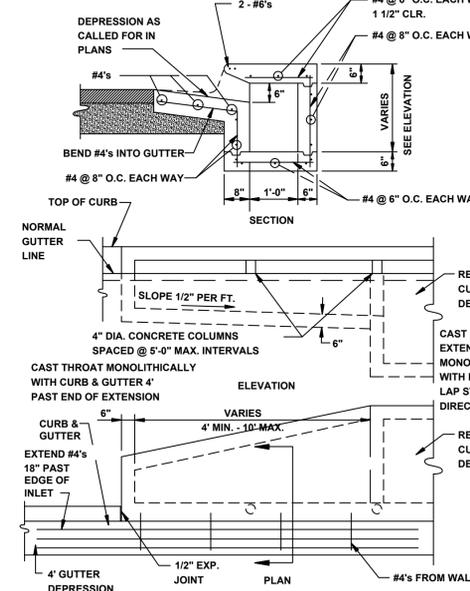
**RECTANGULAR CURB INLET**

N.T.S.



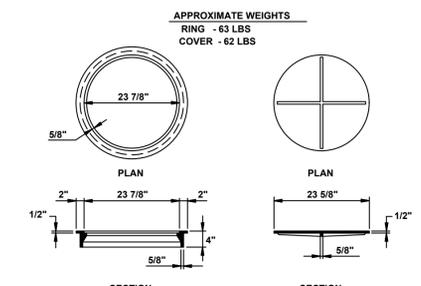
**SECTION - TYPICAL CURB INLET - TYPE 'A'**

N.T.S.



**ALTERNATE CURB INLET EXTENSION**

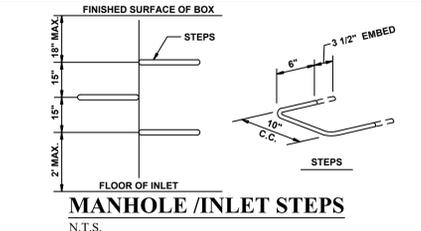
N.T.S.



**TYPE I RING & COVER**

N.T.S.

NOTE: TYPE I FRAME AND COVER PERMITTED ONLY ON STRUCTURES NOT SUBJECT TO VEHICULAR TRAFFIC.



**MANHOLE / INLET STEPS**

N.T.S.

- STEPS SPECIFICATIONS:
- MANHOLE STEPS: CORROSION RESISTANT, COATED AND REINFORCED WITH STEEL PER ASTM C-476. STEEL REINFORCING MINIMUM 1/2" DIAMETER.
  - CAPABLE OF SUPPORTING MINIMUM 300 LB. LOAD.
  - NON-SLIP TEXTURED TREADS
  - REQUIRED IN ALL STRUCTURES 3'-0" DEEP OR DEEPER, UNLESS SPECIFIED OTHERWISE.

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EDEN HILLS PHASE I  
STREET DETAILS



REVISIONS	
DATE	DESCRIPTION

DRAWING INFO.  
DRAWN BY: GMD  
DATE: 9/27/2107  
SCALE: