

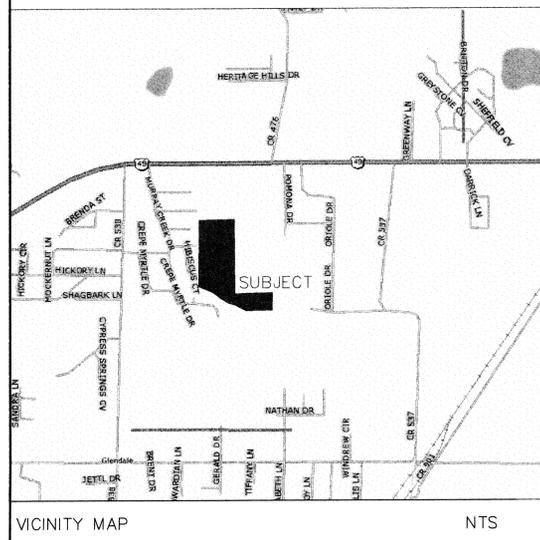
SITE DEVELOPMENT PLAN
CENTRAL BAPTIST CHURCH
JOURNEY CAMPUS PHASE 1

JONESBORO, CRAIGHEAD COUNTY, ARKANSAS

NOVEMBER 2012

INDEX TO SHEETS

- 1 OF 6 TITLE SHEET/INDEX
- 2 OF 6 GENERAL PLAN/TOPO
- 3 OF 6 GRADING/DRAINAGE PLAN
- 4 OF 6 STREET PLAN/PROFILE
- 5 OF 6 DETAILS
- 6 OF 6 DETAILS



CITY OF JONESBORO
Jonesboro, AR

PRELIMINARY
 FINAL
 AS NOTED
 SITE PLAN

SP12-237

11/00/12 PLANNING
 _____ ENGINEERING
 _____ DATE



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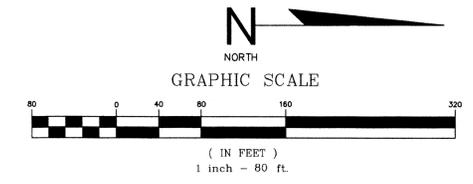
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CENTRAL BAPTIST CHURCH
JOURNEY CAMPUS - PHASE 1
JONESBORO, ARKANSAS

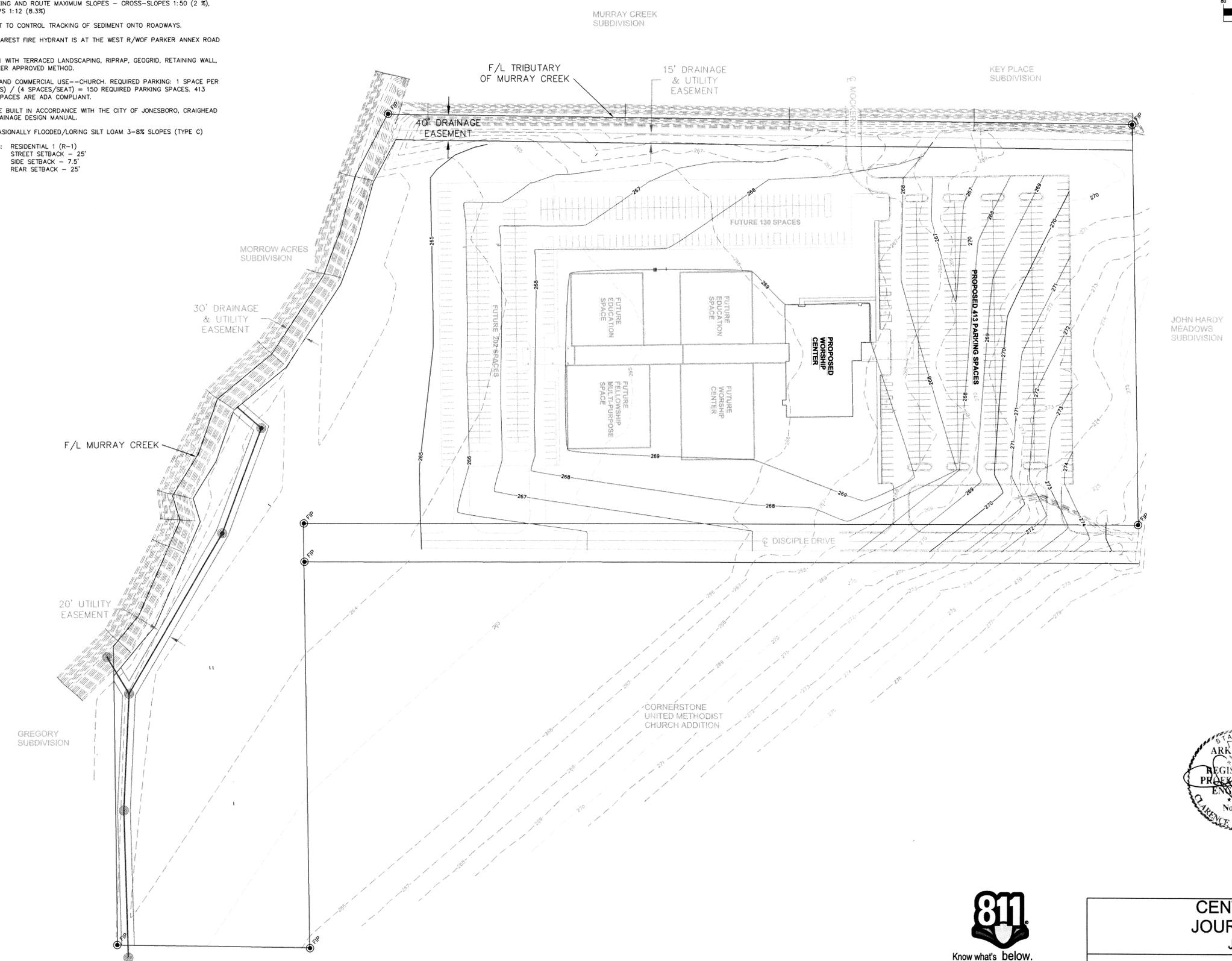
McALISTER ENGINEERING CIVIL ENGINEERING AND LAND SURVEYING		DRAWN BY: JH	CHECKED BY: CWM
1013 CR 820 JONESBORO, AR 72404 870-931-1420		SCALE:	PROJECT 1250618
		DATE: 10OCT12	CAD FILE: 1250618Jou...Phase1
		DWG REF: 04E-14N-11	
CLARENCE W. "MAC" McALISTER, PE, PS		JOB NO. 1250618	SHEET 1 / 6 △

DATE	REVISION	BY

- NOTES
- OWNER INFORMATION: CENTRAL BAPTIST CHURCH, 3707 HARRISBURG ROAD, JONESBORO, AR 72404
ARCHITECT INFORMATION: CAHOON-STIELING STUDIO, 915 SOUTHWEST DRIVE, JONESBORO, AR 72401
ENGINEER INFORMATION: McALISTER ENGINEERING, 1013 CR 620, JONESBORO, AR 72404
 - PROPERTY NOT LOCATED IN FLOOD ZONE AS SHOWN BY FLOOD INSURANCE RATE MAP FOR CRAIGHEAD COUNTY, ARKANSAS AND INCORPORATED AREAS, COMMUNITY - JONESBORO, CITY OF, NUMBER 050048, PANEL 0063, SUFFIX C, EFFECTIVE DATE, SEPTEMBER 27, 1991.
 - (ADA COMPLIANCE) ACCESSIBLE PARKING AND ROUTE MAXIMUM SLOPES - CROSS-SLOPES 1:50 (2%), ACCESSIBLE ROUTE 1:20 (5%), RAMPS 1:12 (8.3%)
 - PLACE CONSTRUCTION ENTRANCE/EXIT TO CONTROL TRACKING OF SEDIMENT ONTO ROADWAYS.
 - ALL UTILITIES EXIST ON SITE; THE NEAREST FIRE HYDRANT IS AT THE WEST R/W OF PARKER ANNEX ROAD MIDWAY OF LOT.
 - STABILIZE SLOPES GREATER THAN 3:1 WITH TERRACED LANDSCAPING, RIPRAP, GEOGRID, RETAINING WALL, PAVING OR OTHER ARCHITECT/ENGINEER APPROVED METHOD.
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STREET SETBACK - 25'
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- LEGEND
- FOUND IRON PIN
 - EXISTING GRADE CONTOURS
 - FINISH GRADE CONTOURS



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GENERAL PLAN/TOPO

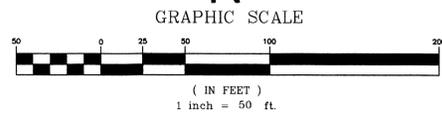
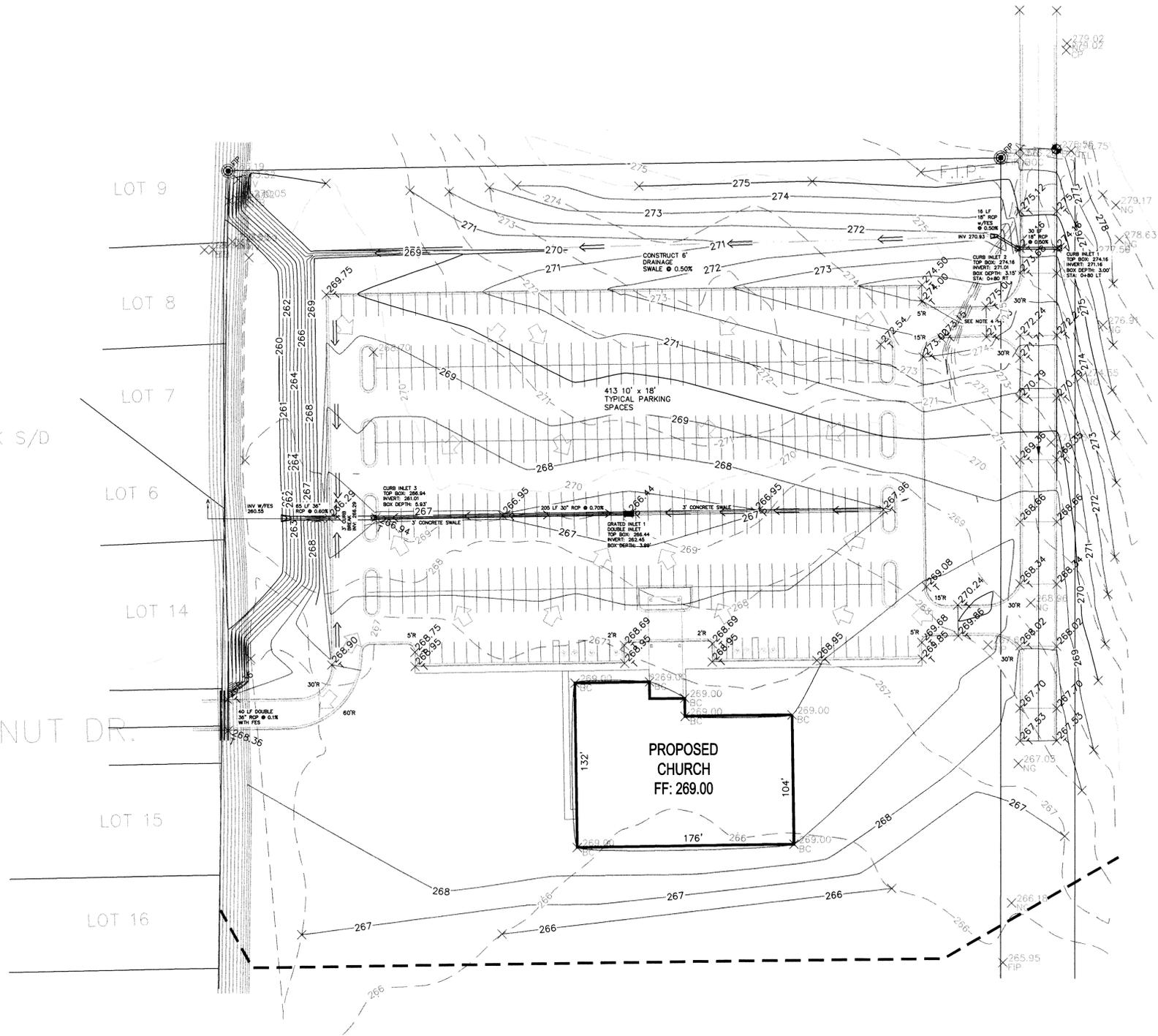
CENTRAL BAPTIST CHURCH
JOURNEY CAMPUS - PHASE 1
JONESBORO, ARKANSAS

McALISTER ENGINEERING CIVIL ENGINEERING AND LAND SURVEYING 1013 CR 620 JONESBORO, AR 72404 870-931-1420	DRAWN BY: JH	CHECKED BY: CWM
	SCALE: 1" = 80'	PROJECT 1250618
	DATE: 10OCT12	CAD FILE: 1250618Jou...Phase1
	DWG REF: 04E-14N-11	
CLARENCE W. "MAC" McALISTER, PE, PS	JOB NO. 1250618	SHEET 2 / 6

DATE	REVISION	BY

PLAT OF MURRAY CREEK S/D PHASE IV

MOCKERNUT DR.



LEGEND

- FOUND IRON PIN
- EXISTING SPOT ELEVATION
- EXISTING GRADE CONTOURS
- FINISH GRADE CONTOURS
- BENCHMARK - BACK OF EXISTING CURB PRECONSTRUCTION 276.56
- FINISHED GRADE ELEVATION
- P - TOP OF PAVEMENT
- T - TOP OF CURB
- SW - SIDEWALK
- CONSTRUCT DRAINAGE SWALE
- PLACE SILT FENCING
- GENERAL DRAINAGE

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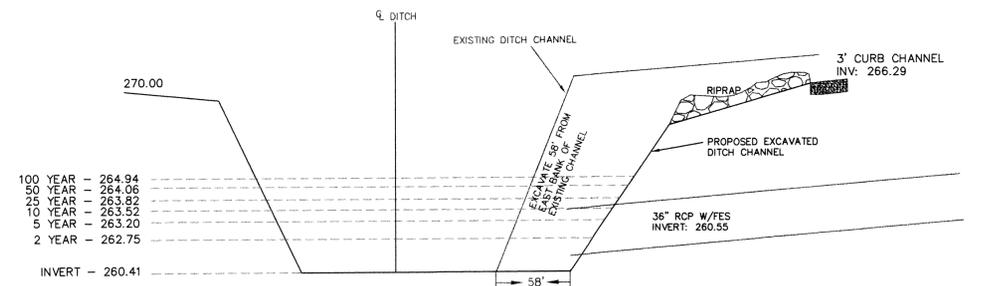


TABLE 1: SITE CALCULATIONS

x YEAR RAIN EVENT	Q (cfs) PRE(mm)	Q (cfs) POST(mm)	WATER DEPTH (ft)	WATER SURFACE ELEVATION (ft)	STORAGE REQUIRED (cf)	STORAGE PROVIDED (cf)
2	10.30	39.88	2.34	262.89	37,441	47,502
5	15.16	53.77	2.79	263.34	48,382	56,637
10	19.23	64.96	3.11	263.66	57,009	63,133
25	23.32	76.58	3.41	263.96	66,216	69,223
50	26.77	86.32	3.65	264.20	73,902	74,095
100	30.66	97.18	4.53	265.08	82,435	91,959



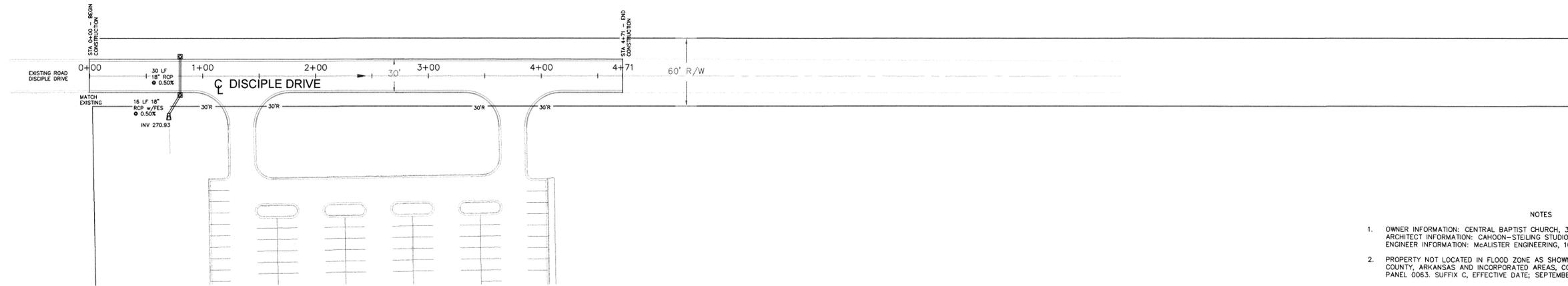
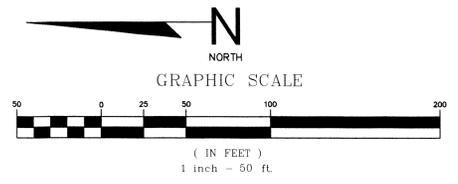
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GRADING/DRAINAGE PLAN

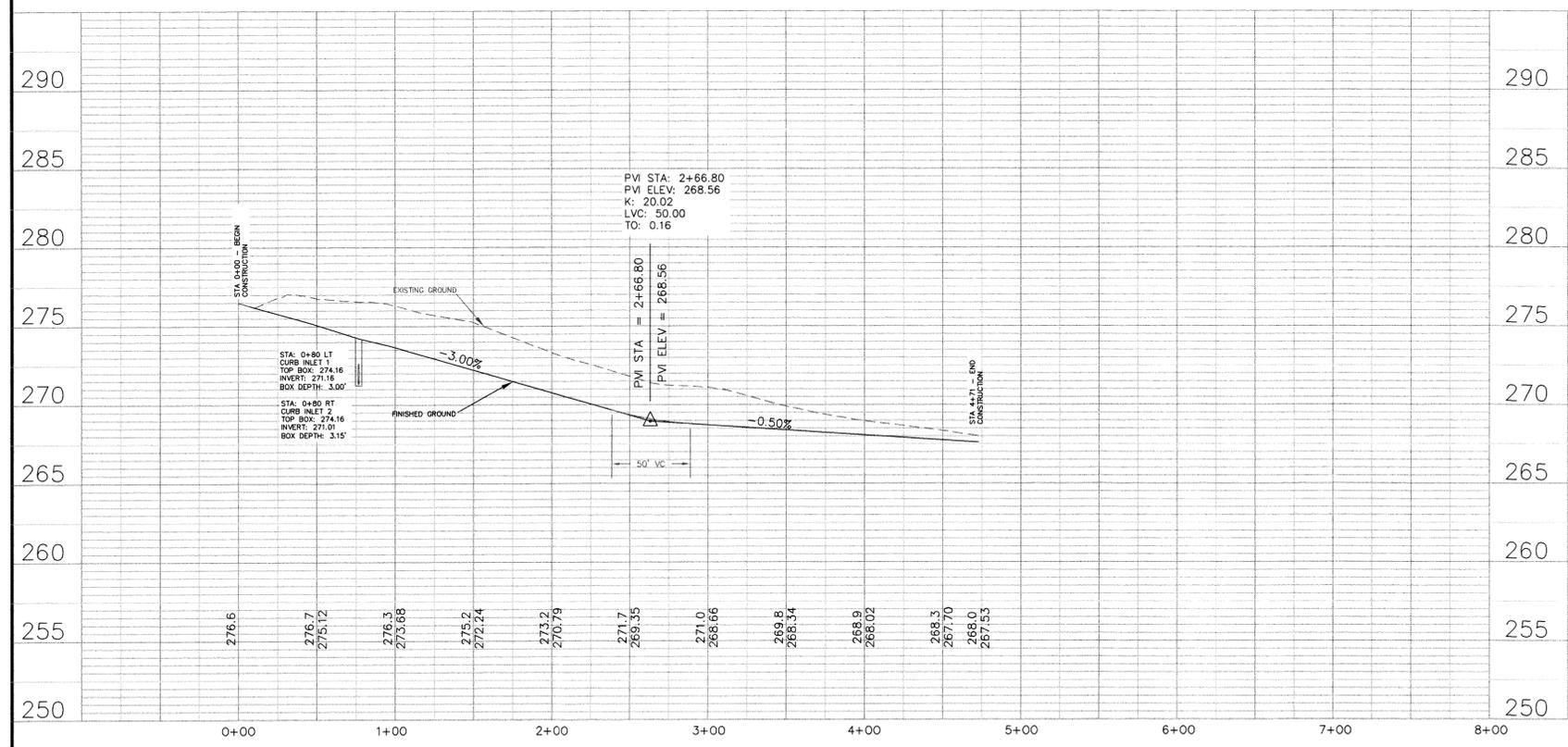
CENTRAL BAPTIST CHURCH
JOURNEY CAMPUS - PHASE 1
JONESBORO, ARKANSAS

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	CLARENCE W. "MAC" MCALISTER, PE, PS JOB NO. 1250618	



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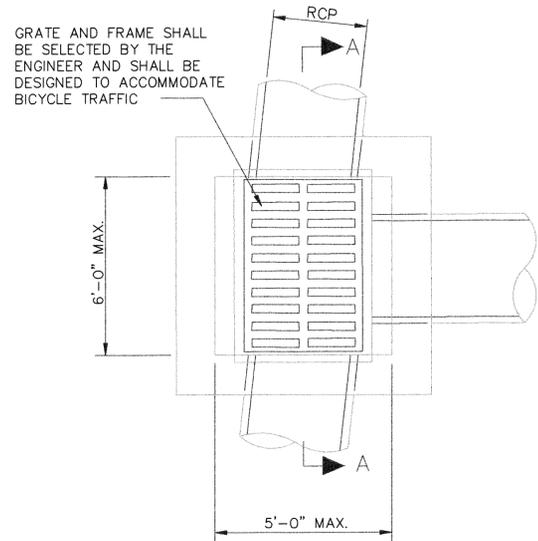
STREET PLAN/PROFILE
CENTRAL BAPTIST CHURCH
JOURNEY CAMPUS - PHASE 1
JONESBORO, ARKANSAS

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	DWG REF. 04E-14N-11	
	CLARENCE W. "MAC" McALISTER, PE, PS	
	JOB NO. 1250618	SHEET 4 / 6

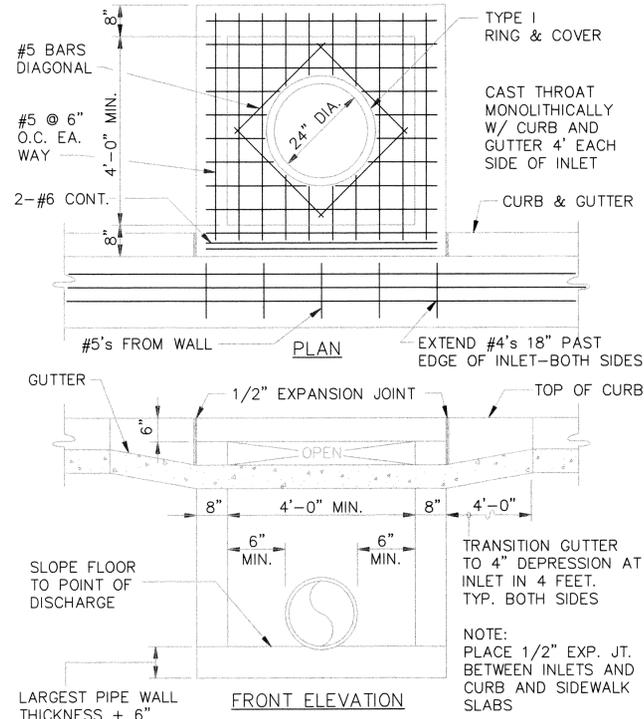
SCALE: HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

DATE	REVISION	BY

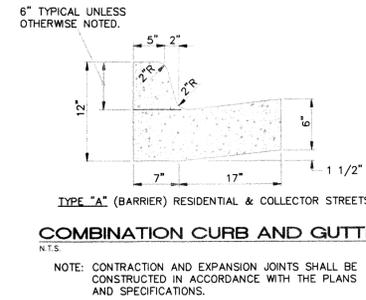
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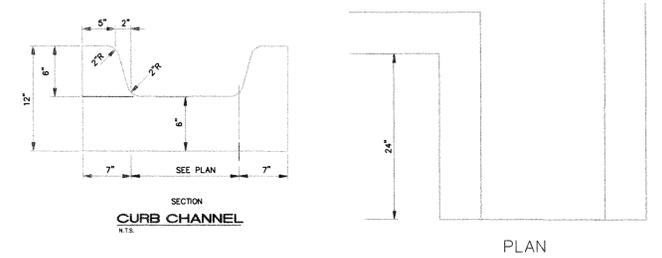
PLAN - GRATE INLET - HEAVY
N.T.S.



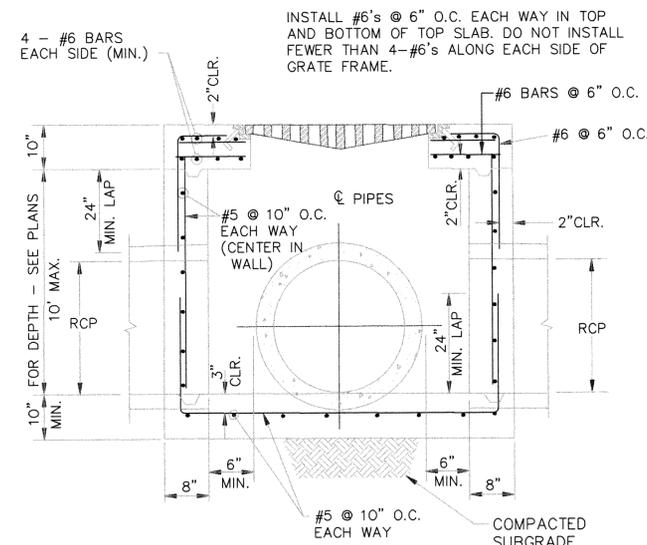
CURB INLET - TYPE "A"
SCALE: 1/2" = 1'-0"



COMBINATION CURB AND GUTTER
N.T.S.

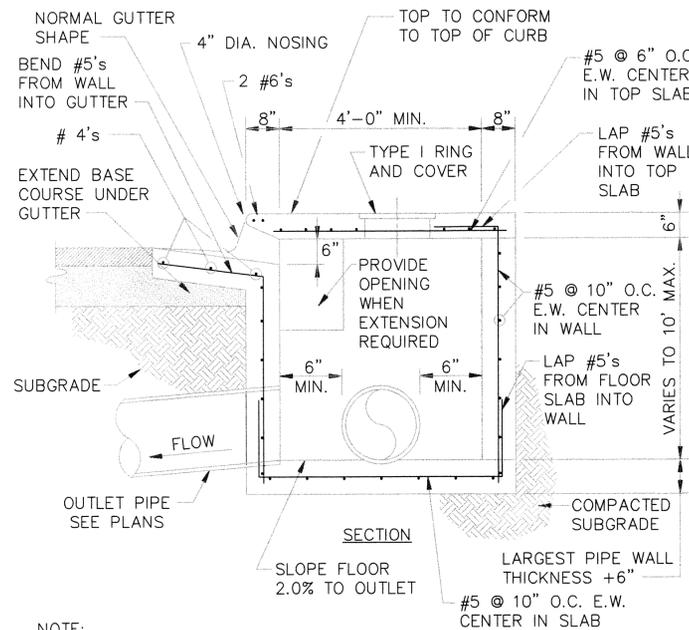


CURB CHANNEL
N.T.S.



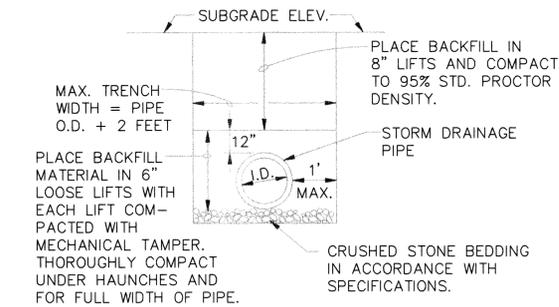
SECTION "A-A" - GRATE INLET - HEAVY
N.T.S.

- 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.



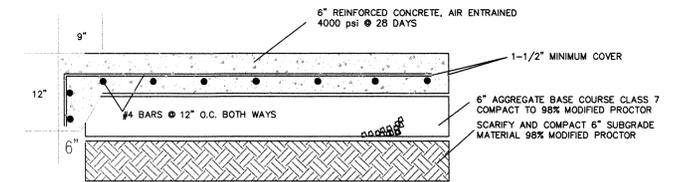
NOTE:
INLETS MORE THAN 3'-0" DEEP SHALL HAVE STANDARD MANHOLE STEPS PLACED AT 15" O.C. - MANHOLE FRAME AND COVER SHALL BE PLACED ADJACENT TO THE WALL WITH THE STEPS.

SECTION - TYPICAL CURB INLET - TYPE "A"
SCALE: 1/2" = 1'-0"

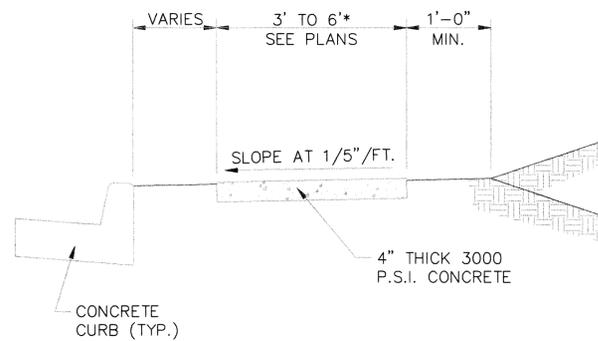


DRAINAGE PIPE TRENCH
TOE EXCAVATION IN SOIL

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

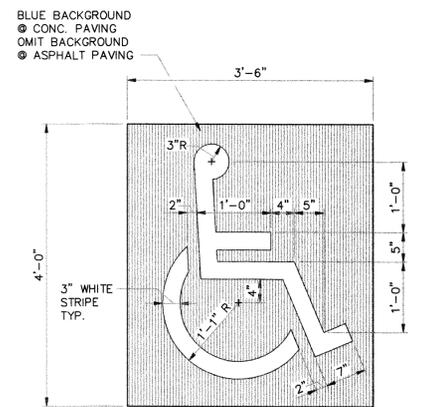


SECTION - CONCRETE PAVEMENT
W/ TURN DOWN

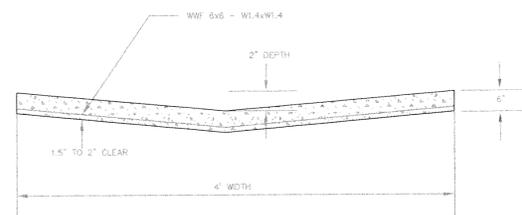


TYPICAL SECTION - SIDEWALK
N.T.S.

* PLACE GROOVE JOINTS ON 12' INTERVAL

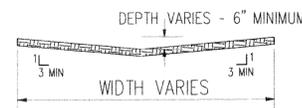


PARKING STALL SYMBOL
1" = 1'-0"



DETAIL - CONCRETE DRAINAGE SWALE
N.T.S.

REMOVE OR ADD ASPHALT AS NECESSARY TO TRANSITION TO CONCRETE SWALE. CONTRACTION JOINTS AT 12' INTERVALS.



DETAIL - DRAINAGE SWALE
N.T.S.



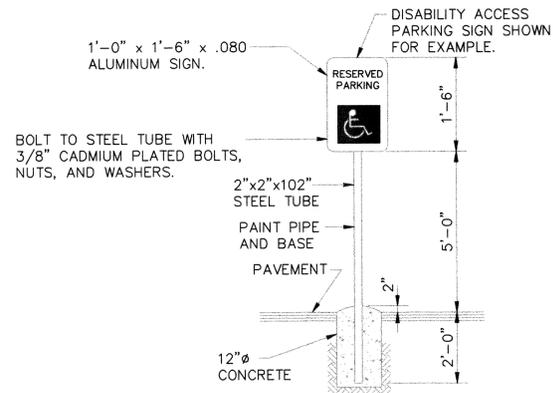
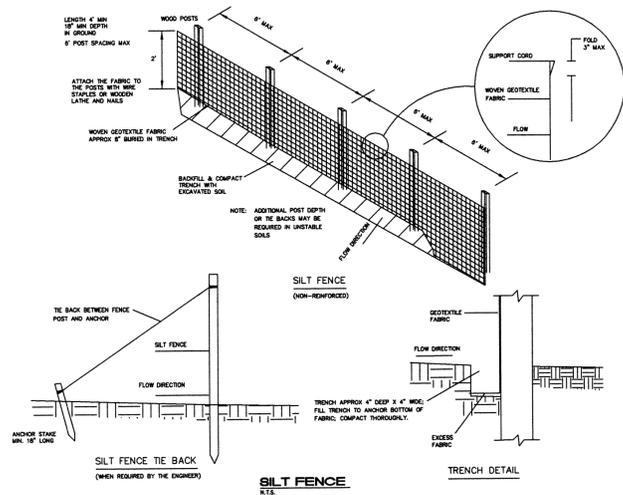
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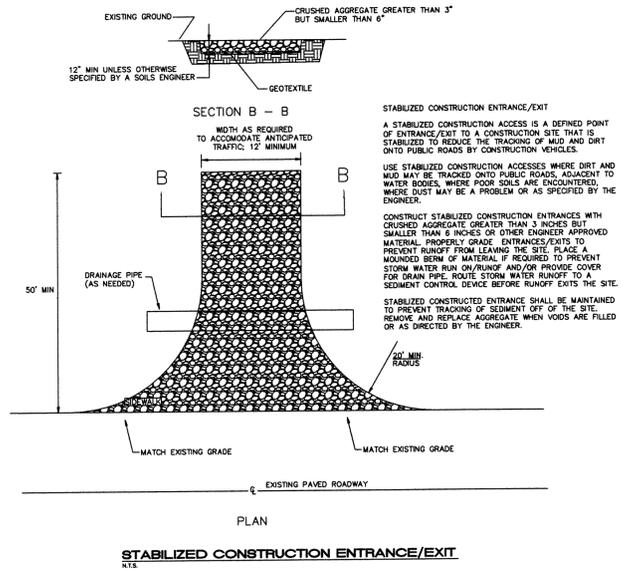
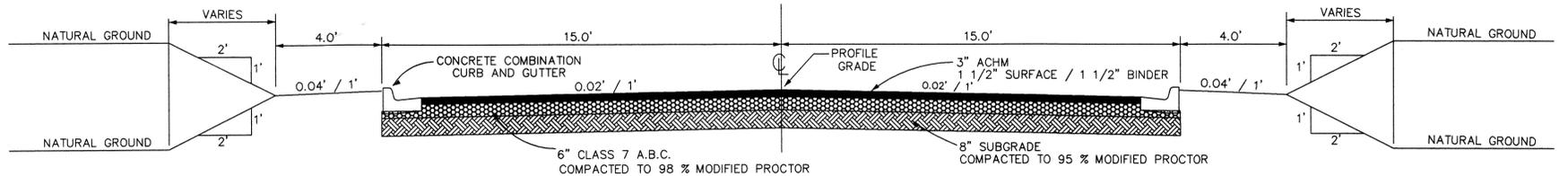
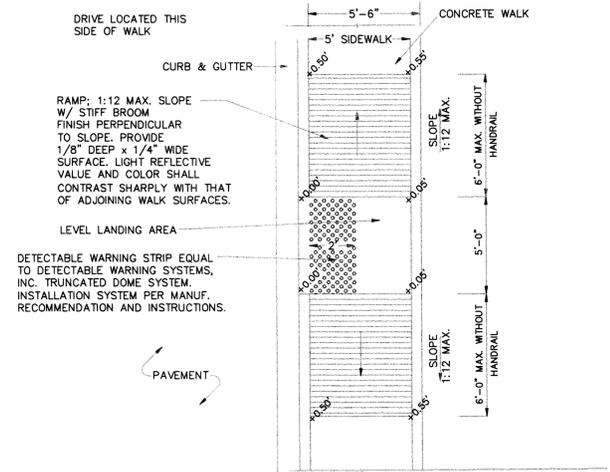
DETAILS

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JONESBORO, ARKANSAS**

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		SHEET 5 / 6



NOTE:
ALL SIGNS SHALL CONFORM TO MUTCD AND SHALL BE HIGH INTENSITY.



LIGHT DUTY

HEAVY DUTY

SECTION - ASPHALT DRIVE/PARKING
N.T.S.

DETAILS

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