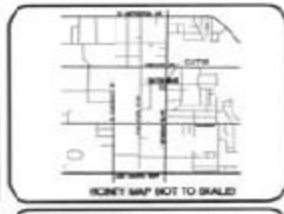


STORM RUNOFF CALCULATIONS	
RATIONAL METHOD TO 15MIN STORM	
Q - AREA - 0.25 ACRES	Q - 0.25 X 7.4 X 0.25 = 153 CFS
Q - AREA - 0.25 ACRES	Q - 0.25 X 7.4 X 0.25 = 153 CFS
Q - AREA - 0.25 ACRES	Q - 0.25 X 7.4 X 0.25 = 153 CFS
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Q - AREA - 0.25 ACRES	Q - 0.25 X 7.4 X 0.25 = 153 CFS



DE-060 PROPOSED STORM DRAIN CALCULATIONS

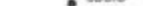
KEY NOTES

- CONNECT TO ROOF DRAIN DETAIL 5 / C603
- CONNECT TO DOWNSPOUT DETAIL 4 / C603
- YARD INLET RM. EL. 567 DETAIL 1 / C603
- 50 GRATE INLET DETAIL 7 / C603
- 24 UP 6" PVC - 8 MIN. SLOPE
- 5" PVC - 8 MIN. SLOPE (TYPICAL)
- 180 UP 6" PVC - 8 MIN. SLOPE
- TERRACE DRAIN AT DOOR - SEE DETAIL 2 / C603
- 37 UP 6" PVC - 8 MIN. SLOPE
- 14 UP 6" PVC - 8 MIN. SLOPE
- 42 UP 6" PVC - 8 MIN. SLOPE
- 33 UP 6" PVC - 8 MIN. SLOPE
- 36 UP 6" PVC - 438 MIN. SLOPE
- 50 UP 10" PVC - 8 MIN. SLOPE
- CATCH BASIN - SEE SHEETS C60 E C603
- CATCH BASIN - SEE SHEETS C60 E C603
- CATCH BASIN - SEE SHEETS C60 E C603
- CATCH BASIN - SEE SHEETS C60 E C603
- MANHOLE - SEE SHEETS C60 E C603
- MANHOLE - SEE SHEETS C60 E C603

- NOTES:
- CATCH BASIN, MANHOLE, FRAME, GRATES SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES.
 - THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT NUMBER, SIZE AND LOCATION OF THE ROOF DRAIN.
 - ADDITIONAL CONSIDERATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY LOCATING TEST PITS BY HAND AT ALL CROSSINGS WELL IN ADVANCE OF TRENCHING IF CLEARANCES ARE LESS THAN SPECIFIED ON THE PLANS OR TWELVE (12) INCHES, WHICHEVER IS LESS, CONTACT THE DESIGN ENGINEER AND THE OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
 - PRECAST DRAINAGE STRUCTURES HAVE BEEN SPECIFIED ON THE PLANS. THE OWNER AND THE ENGINEER JOINTLY ASSUME NO RESPONSIBILITY FOR THESE STRUCTURES AS FIELD CONDITIONS, OTHER LOCATIONS, MINOR ELEVATION ADJUSTMENTS, THE CONTRACTOR ASSUMES ALL RESPONSIBILITY AND EXPENSE FOR MODIFYING THE PRECAST STRUCTURES TO ACCOMMODATE FIELD REVISIONS.

LEGEND

<u>PROPOSED</u>	<u>DESCRIPTION</u>
	CONCRETE PAVING BLOCK
	HANDICAP SYMBOL
	SIGN
	STRIPING
	SITE LIGHTING

<u>EXISTING</u>	<u>PROPOSED</u>	<u>DESCRIPTION</u>
		STORM DRAIN
		SPOT ELEVATION
		CONTOUR LINE



GRADING PLAN

JONESBORO, ARKANSAS



ISSUED FOR CONSTRUCTION
06-06-11

ISSUED FOR BID AND PERMIT

FOR REFERENCE ONLY,
NOT TO BE USED FOR
CONSTRUCTION

REVISIONS	BY
C602	JR
C602	JR

DESIGNER'S SHALL NOT CONTACT THE ENGINEER
FREELAND and KAUFMAN, INC.
 Engineers & Landscape Architects
 309 West State Avenue
 Fayetteville, Arkansas 72701
 501-233-4497
 Fax 501-233-8960
 AIA 150, P.E. R.E.

CHEDDAR'S CASUAL CAFE

CHEDDAR'S DEVELOPMENT
 2500 JOHN J. DUNN FREEWAY
 SUITE 200
 FAYETTEVILLE, ARKANSAS 72703

DESIGN	IN
DATE	06/06/11
SCALE	1" = 20'
DRAWN	
CHECKED	
APPROVED	
C602	