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 DEPARTMENT OF TRANSPORTATION

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FROM: Jay A. Bennett, PE
 State Roadway Design Engineer

DATE: May 16, 2002

SUBJECT: New False Sump Detail & Cable Guiderail Placement

Issues concerning the placement of Median Cable Guiderail over False Sumps have been brought to my attention on several projects recently. The two design features appear to be in conflict with one another.

As a result of this finding, we have redesigned the False Sump detail (see attachment) to alleviate some of the construction problems. We are also recommending that you do not have the Cable Guiderail crossing the median ditch at False Sump locations.

Please start incorporating the new False Sump detail immediately. This new detail will become the standard detail for all False Sumps on upcoming projects.

If there are any questions, please contact me or Art McMillan, Project Design Engineer.

JAB/ARM

Attachment

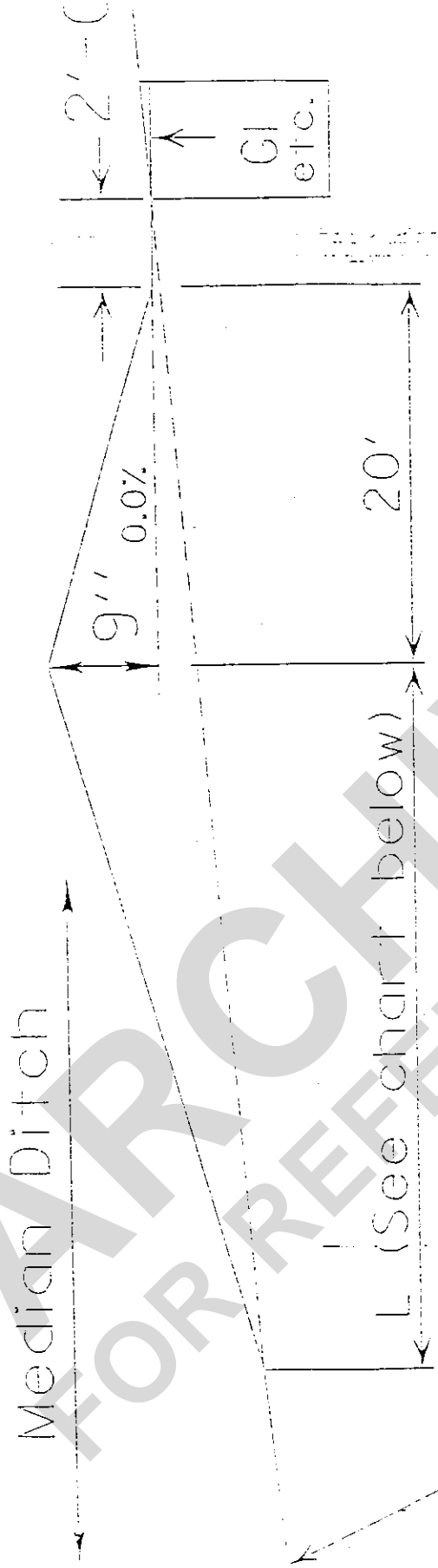
cc/att: Debbie Barbour, PE
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LOCATION:
 CENTURY CENTER COMPLE.
 BUILDING A
 1000 SOUTH PLOTZ DRIVE
 RALEIGH, NC

DETAIL FALSE SUMP



Ditch Grade (Not to Scale)
Proposed Ditch

Ditch Grade	L	Ditch Grade
0.0% To 2.0%	20'	Over 4.0% To 6.0%
Over 2.0% To 4.0%	30'	Over 6.0%