

BARLOW ENGINEERING, P.C.
6512 Six Forks Road, Suite 203-B
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PROJECT MEMORANDUM

ISSUE DATE:	November 19, 2015
PROJECT:	Parking Deck Study – Guilford County Courthouse Complex
OWNER:	Guilford County
LOCATION:	Park Street, High Point, NC
BE PROJECT No.:	150749
ISSUED BY:	Dennis R. Hilton, PE
SUBJECT:	Structural Integrity of Parking Deck

REMARKS

Upon review of our findings at the referenced parking deck to date, it is our professional opinion that there are a number of structural components of the parking deck that exhibit moderate to severe distress. Of particular concern are corroded bolted spandrel beam to column connections, minimal bearing at the ends of some double tees, and cracks in the stems of some double tees.

While there has been nothing observed that would indicate an imminent failure of the distressed structural components, there may be portions of the parking deck that have marginal structural integrity. We therefore recommend that parking restrictions be imposed in various areas at each level of the parking deck. The attached drawings illustrate the areas where, in our opinion, there should be no parking until further notice.

Dennis R. Hilton, PE

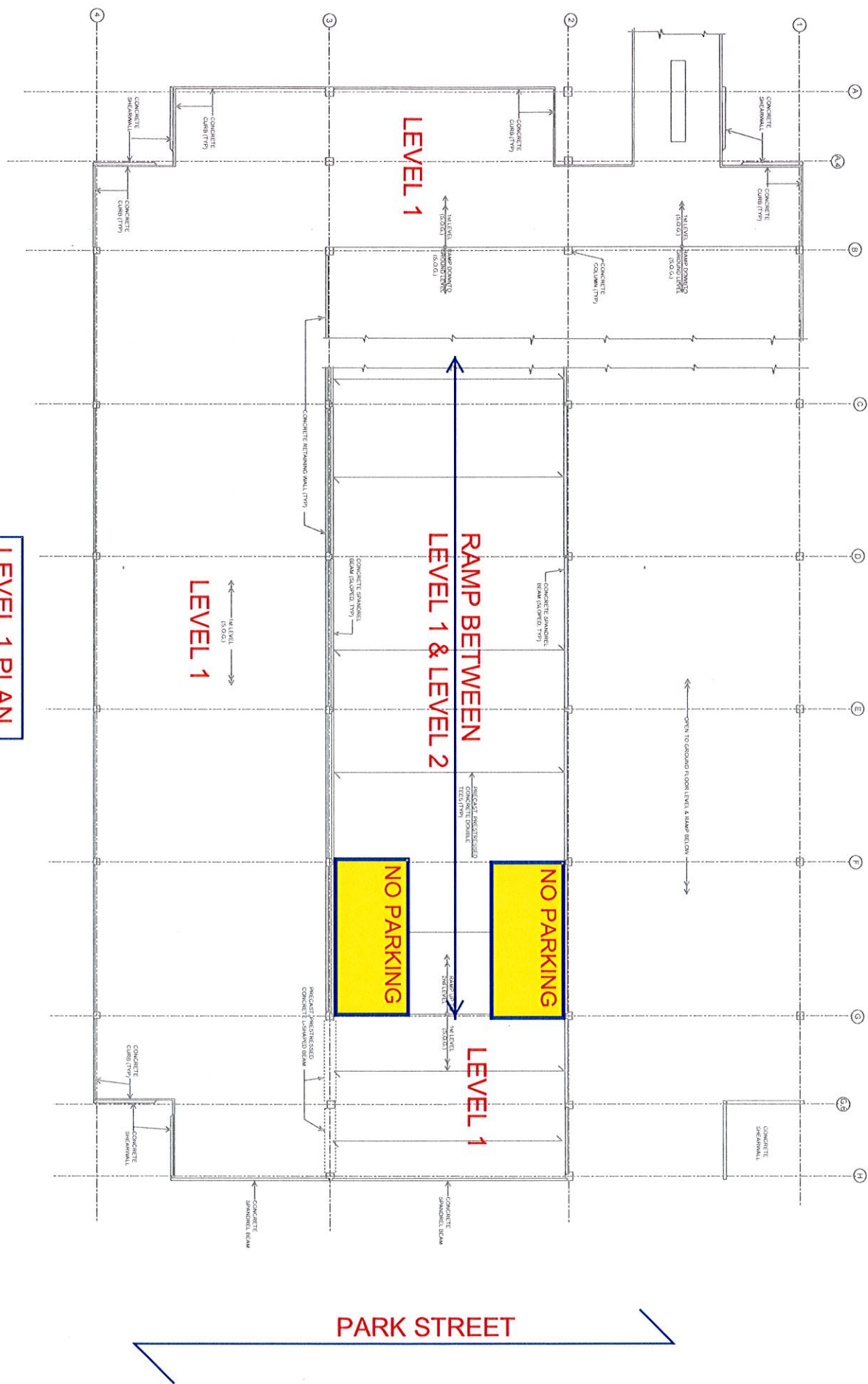


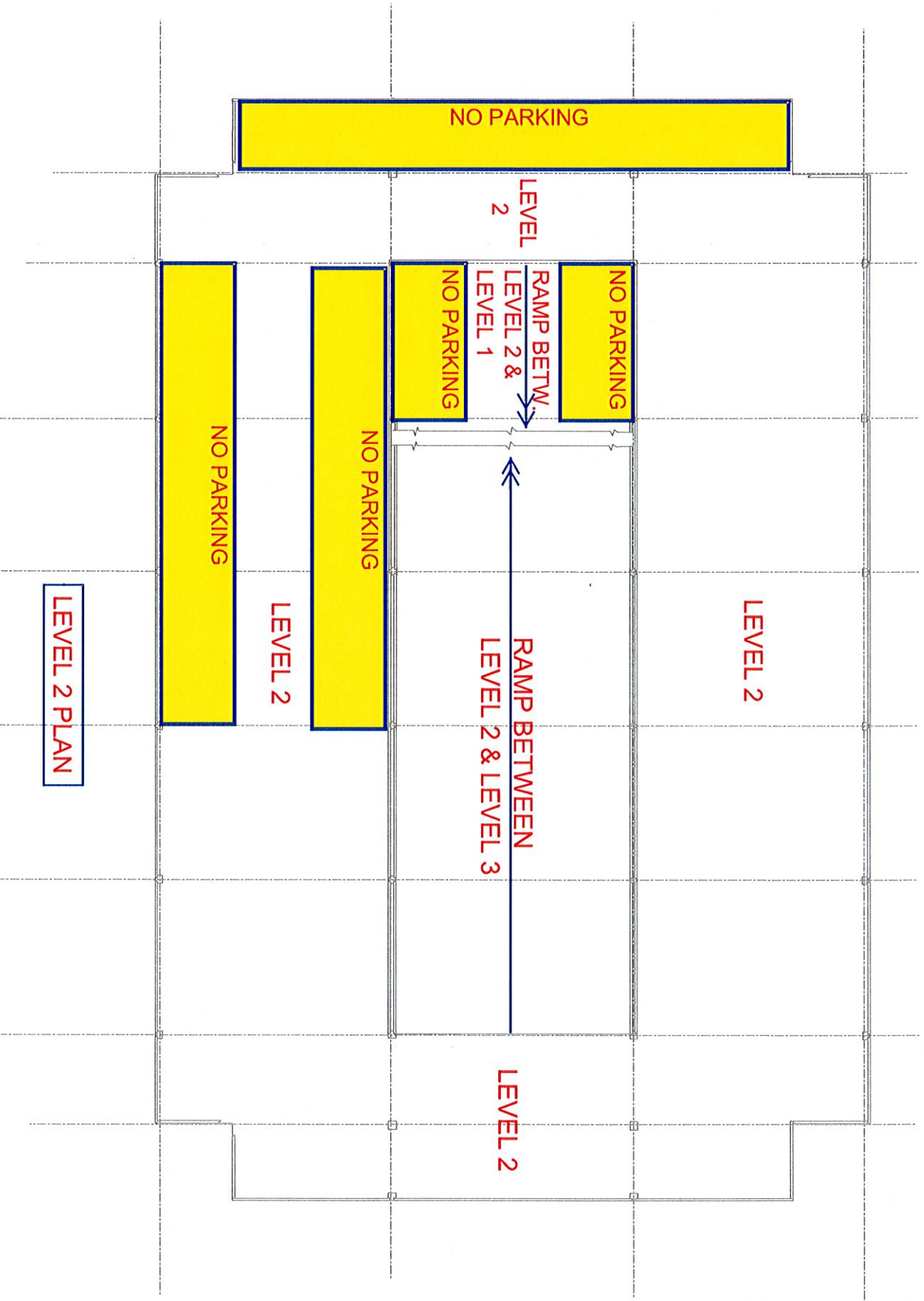
Barlow Engineering, PC

ATTACHMENTS: Parking Deck Plans

DISTRIBUTION:

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LEVEL 2 PLAN

PARK STREET

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PROJECT MEMORANDUM

ISSUE DATE:	February 11, 2016
PROJECT:	Parking Deck Study – Guilford County Courthouse Complex
OWNER:	Guilford County
LOCATION:	Park Street, High Point, NC
BE PROJECT No.:	150749
ISSUED BY:	Dennis R. Hilton, PE
SUBJECT:	Structural Integrity of Parking Deck - Update

REMARKS

Based upon our February 9, 2016 review of various structural components of the parking garage, we recommend that one additional area of Level 2 be closed to parking until further notice. The attached drawing illustrates that area.

During the February 9 review we found that in some areas previously designated for no parking the cone and tape barriers placed around them had been disturbed and there were cars parked where they should not have been parked. All barriers around designated no parking areas should be re-established immediately.

Barlow Engineering, PC



Dennis R. Hilton, PE

ATTACHMENTS: Parking Garage Plan – Level 2

DISTRIBUTION:

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