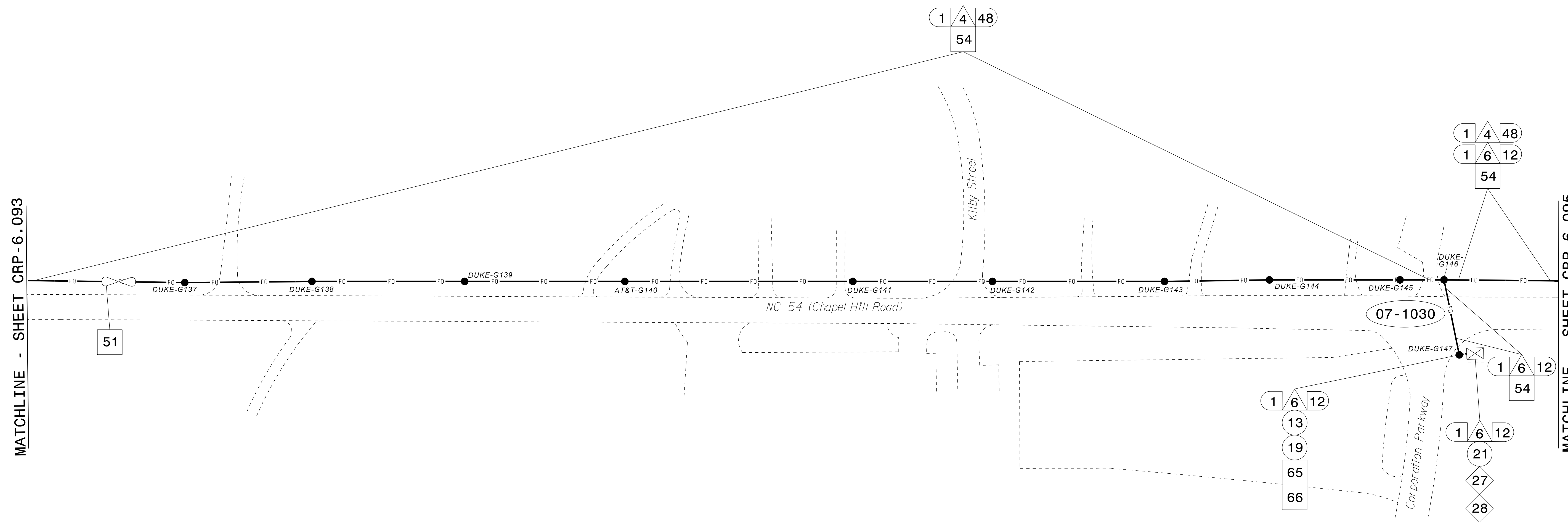


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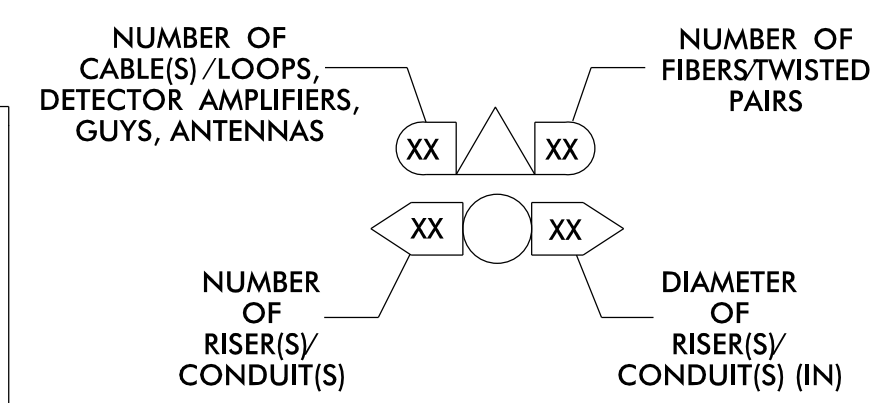
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NOTES:
 1. UNLESS OTHERWISE NOTED:
 - OVERLASH NEW FIBER OPTIC CABLE TO EXISTING COMMUNICATIONS CABLE.
 - ATTACH NEW MESSENGER CABLE 40" BELOW POWER.
 - ATTACH ON FRONT SIDE (FS) OF POLE.
 2. SEAL ALL CONDUIT ENDS WITH DUCT AND CONDUIT SEALER AT ALL JUNCTION BOX / CABINET ENTRANCES.

ATTACHMENT POINT:
 XXX
 YYY DISTANCE ABOVE (IN) REFERENCE POINT
 YYY
 XXX REFERENCE POINT DISTANCE BELOW (IN)
CONSTRUCTION NOTE SYMBOLOLOGY KEY



ATKINS 1616 EAST MILLBROOK ROAD, SUITE 160
 RALEIGH, NORTH CAROLINA 27609
 (919) 876-6888 NCBEES #F-0326

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

1 INSTALL CATEGORY 6 CABLE	11 INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD	22 INSTALL NEW CONDUIT INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)	32 MODIFY EXISTING SPLICE ENCLOSURE OR INTERCONNECT CENTER	43 REMOVE EXISTING WOOD POLE	55 LASH CABLE(S) TO EXISTING MESSENGER CABLE	66 BOND RISER TO POLE GROUND
2 INSTALL LOW VOLTAGE POWER CABLE (24VAC)	12 INSTALL RIGID, GALVANIZED STEEL RISER WITH HEAT SHRINK TUBING	23 INSTALL NEW RISER INTO CABINET BASE (USE EX CABINET ENTRANCE WHEN AVAILABLE)	33 REMOVE EXISTING SPLICE /HUB /CCTV CABINET	44 INSTALL AERIAL GUY ASSEMBLY	56 LASH CABLE(S) TO NEW MESSENGER CABLE	67 BOND TRACER WIRE TO EQUIPMENT GROUND BUS
3 INSTALL COMPOSITE CCTV CABLE	13 INSTALL HEAT SHRINK TUBING KIT	24 INSTALL NEW CONDUIT INTO POLE MOUNTED CABINET	34 INSTALL CABINET FOUNDATION	45 INSTALL STANDARD GUY ASSEMBLY	57 MODIFY EXISTING ELECTRICAL SERVICE FOR CCTV	68 BOND TRACER WIRE TO POLE GROUND
4 INSTALL SMFO CABLE	14 INSTALL HIGH DENSITY POLYETHYLENE CONDUIT	25 INSTALL NEW RISER INTO POLE MOUNTED CABINET	35 REMOVE EXISTING CABINET FOUNDATION	46 INSTALL SIDEWALK GUY ASSEMBLY	58 INSTALL NEW ELECTRICAL SERVICE FOR CCTV OR RADIO	69 HANDLASH AND INSTALL AERIAL CABLE PROTECTOR
5 INSTALL COAXIAL ANTENNA CABLE	15 DIRECTIONAL DRILL CONDUIT	26 INSTALL DIGITAL VIDEO ENCODER	36 INSTALL CCTV CAMERA ASSEMBLY	47 INSTALL MESSENGER CABLE	59 INSTALL NEW POLE MOUNTED CCTV CABINET (336)	70 INSTALL CCTV CABINET DISCONNECT
6 INSTALL FIBER-OPTIC DROP CABLE	16 BORE AND JACK CONDUIT	27 INSTALL NEW ETHERNET EDGE SWITCH IN CABINET	37 INSTALL CCTV WOOD POLE	48 REMOVE EXISTING COMMUNICATIONS CABLE AND MESSENGER CABLE	60 INSTALL NEW CCTV CABINET (NEMA TYPE 4)	71 INSTALL MANAGED ETHERNET SWITCH
7 INSTALL TRACER WIRE	17 INSTALL CABLE(S) IN EXISTING CONDUIT	28 INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS, AND FUSION SPLICE CABLE IN CABINET	38 INSTALL STANDARD SIZE JUNCTION BOX	49 REMOVE EXISTING COMMUNICATIONS CABLE	60A INSTALL NEW POLE MOUNTED CABINET FOR ANTENNA (RADIO)	72 INSTALL CCTV METAL POLE
8 INSTALL CONDUIT UNDERGROUND	18 INSTALL CABLE(S) IN NEW CONDUIT	29 INSTALL UNDERGROUND SPLICE ENCLOSURE	39 INSTALL SPECIAL-SIZED JUNCTION BOX	50 INSTALL SERVICE CONDUCTORS	61 REMOVE EXISTING CCTV CAMERA ASSEMBLY	73 REMOVE EXISTING CCTV METAL POLE
9 INSTALL PVC CONDUIT	19 INSTALL CABLE(S) IN EXISTING RISER(S)	30 INSTALL AERIAL SPLICE ENCLOSURE	40 INSTALL OVER-SIZED JUNCTION BOX	51 INSTALL CABLE STORAGE GUIDE(S) [SNOW SHOE(S)] AND STORE 100 FEET OF EACH CABLE	62 NEW CABINET ENTRANCE INTO NEW FOUNDATION	74 REMOVE WIRELESS COMMUNICATIONS EQUIPMENT
10 INSTALL RIGID, GALVANIZED STEEL CONDUIT	20 INSTALL CABLE(S) IN NEW RISER(S)	31 INSTALL SPLICE CABINET	41 REMOVE EXISTING JUNCTION BOX	52 INSTALL DELINEATOR MARKER	63 DRILL/CORE DRILL EXISTING FOUNDATION	75 BACKPULL AND COIL CITY IT CABLE
			42 INSTALL WOOD POLE	53 STORE 30' OF COMMUNICATIONS CABLE (EACH CABLE)	64 INTERCEPT AND REROUTE EXISTING CONDUITS	76 INSTALL 2.4 GHZ RADIO AND PANEL ANTENNA
				54 LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE	65 BOND MESSENGER TO POLE GROUND	77 INSTALL BASE MOUNTED CCTV CABINET WITH EXTENDER (336)

Prepared for the Offices of:

 Department of Transportation and Safety, State of North Carolina

Burlington-Graham Signal System Cable Routing Plans

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 REVIEWED BY: M B Toth

PREPARED BY: AME/AJH/VJP/NAP/JAW REVIEWED BY: BJ Slocum

REVISIONS INIT. DATE

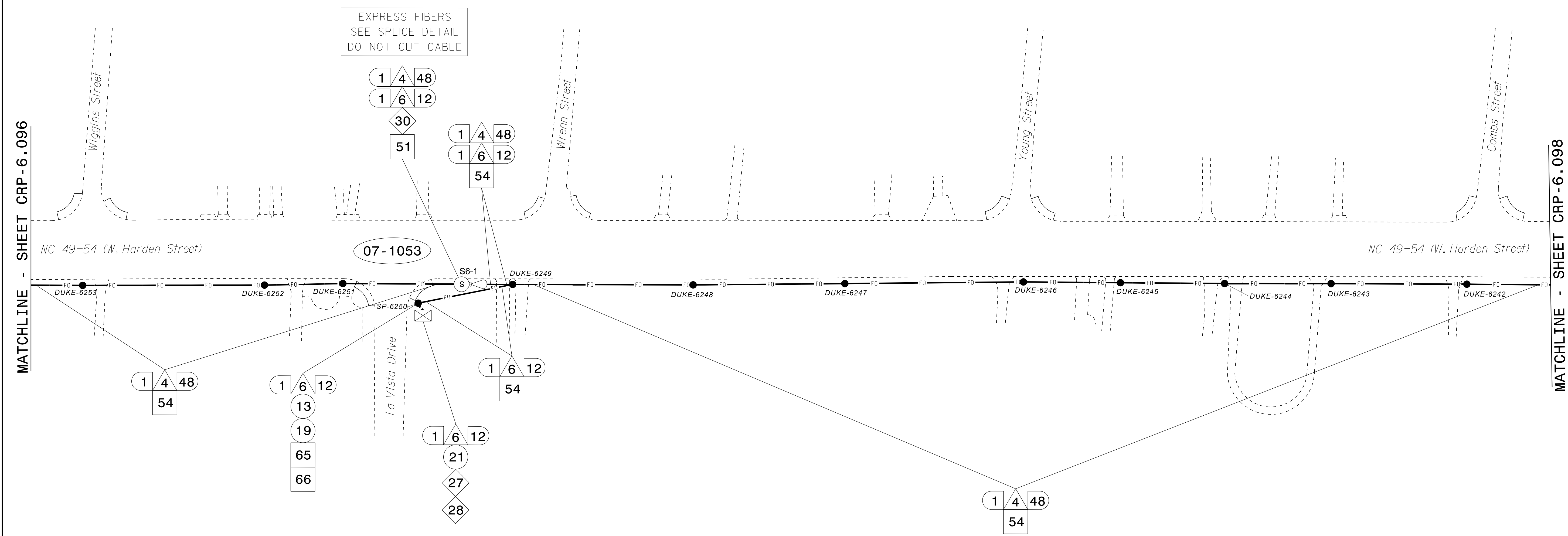
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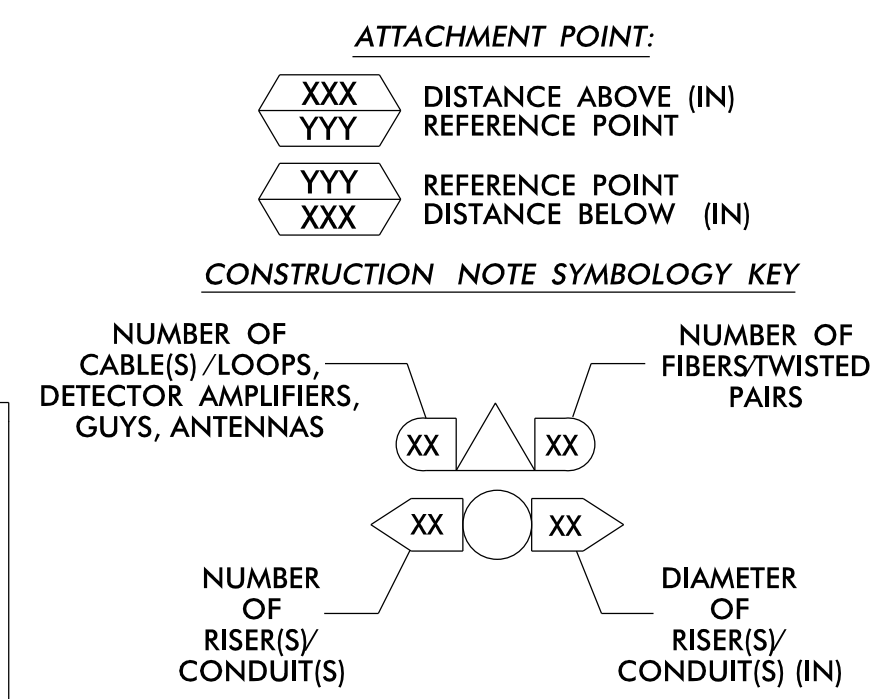
Melissa B. Toth 1/13/2018

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Burlington-Graham Signal System Cable Routing Plans

Division 7 Alamance County Burlington & Graham

PLAN DATE: June 2018 PREPARED BY: ANE/AJH/VJP/NAP/JAW REVIEWED BY: M B Toth

750 Greenfield Parkway, Garner, NC 27529

SCALE 0 50 1"=50'

REVISIONS INIT. DATE

SEAL NORTH CAROLINA PROFESSIONAL ENGINEER MELISSA B. TOOTH 025892

Melissa B. Toth 1/13/2018

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