

- GENERAL NOTES**
1. THESE PLANS ARE ONLY FOR THE INSTALLATION OF STORM DRAINAGE THAT DRAINS TO THE PROPOSED SCM BEHIND LOTS 80-110.
 2. ALL GRADING AND INFRASTRUCTURE THAT IS NOT PART OF THE STORM DRAINAGE SHOWN ON THESE PLANS IS TO BE CONSTRUCTED PER APPROVED CONSTRUCTION PLANS BY OTHERS.
 3. THESE PLANS MAY NOT SHOW ALL THE GRADING AND INFRASTRUCTURE INCLUDED ON THE APPROVED CONSTRUCTION PLANS BY OTHERS.
 4. THE OUTLET OF THE STORM DRAINAGE SYSTEM IS SHOWN IN THE SAME LOCATION AS WHAT IS SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.

- STORM DRAINAGE NOTES**
1. RIM ELEVATION FOR A CATCH BASIN OR CURB INLET IS TOP OF CURB. RIM ELEVATION FOR DROP INLET OR YARD INLET IS TOP OF BOX OR TOP OF GRATE (NOT SLAB). RIM ELEVATION FOR A MANHOLE OR JUNCTION BOX IS CENTER OF THE STRUCTURE COVER.
 2. ALL STORM DRAINAGE PIPES SHALL BE CLASS III REINFORCED CONCRETE PIPE (RCP) UNLESS NOTED OTHERWISE.
 3. ALL STORM DRAINAGE PIPE IN TRAFFIC AREAS SHALL HAVE A MINIMUM COVER OF 2 FEET TO THE PIPE CROWN UNLESS OTHERWISE APPROVED.
 4. ALL STORM DRAINAGE PIPE IN TRAFFIC NON-AREAS SHALL HAVE A MINIMUM COVER OF 1 FOOT TO THE PIPE CROWN UNLESS OTHERWISE APPROVED.
 5. ALL CONCRETE SHALL MEET A MINIMUM 3000 PSI COMPRESSIVE STRENGTH.
 6. ALL PIPE IN STORM DRAINAGE STRUCTURES SHALL BE STRUCK EVEN WITH THE INSIDE WALL.
 7. ALL PIPE JOINTS SHALL BE MADE WITH PREFORMED JOINT SEALER WHICH CONFORMS TO AASHTO SPECIFICATION M-198 FOR TYPE B FLEXIBLE PLASTIC GASKETS UNLESS OTHERWISE NOTED.
 8. EACH DRAINAGE STRUCTURE SHALL HAVE A SHAPED INVERT CONSTRUCTED FROM CONCRETE, AND A BENCH WITH A MAXIMUM 5:1 SLOPE. THE BENCH SHALL BEGIN AT A HEIGHT OF ONE-HALF THE PIPE DIAMETER FOR 12 TO 24 INCH PIPE, ONE-THIRD THE PIPE DIAMETER FOR 30 - 48 INCH PIPE, AND ONE-FOURTH THE DIAMETER FOR PIPE GREATER THAN 48 INCHES.
 9. ALL BACKFILL SHALL BE NON-PLASTIC IN NATURE, FREE FROM ROOTS, VEGETATIVE MATTER, WASTE, CONSTRUCTION MATERIAL OR OTHER OBJECTIONABLE MATERIAL. SUITABLE SOILS SHALL BE CAPABLE OF COMPACTED BY MECHANICAL MEANS AND SHALL HAVE NO TENDENCY TO FLOW OR BEHAVE IN A PLASTIC MANNER UNDER TAMPING BLOWS OR PROOF ROLLING.
 10. MATERIALS DEEMED AS UNSUITABLE FOR BACKFILL PURPOSES SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL.
 11. BACKFILLING OF TRENCHES SHALL BE PERFORMED IMMEDIATELY AFTER PIPE IS LAID. THE FILL AROUND AND ABOVE THE PIPE SHALL BE COMPACTED IN ACCORDANCE WITH THE PERMITTING AUTHORITY'S SPECIFICATIONS AND/OR THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
 12. UNDER NO CIRCUMSTANCES SHALL WATER BE ALLOWED TO RISE IN UNBACKFILLED TRENCHES AFTER PIPE HAS BEEN PLACED.

V3 - rcvd 2-3-23

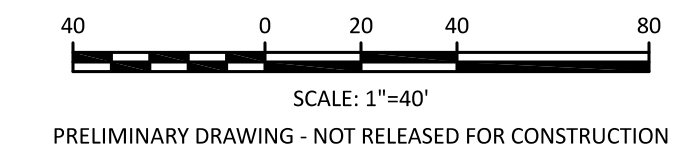
CITY OF RALEIGH - PLANS AUTHORIZED FOR CONSTRUCTION

Electronic Approval: This approval is being issued electronically. This approval is valid only upon the signature of a City of Raleigh Review Officer below. The City will retain a copy of the approved plans. Any work authorized by this approval must proceed in accordance with the plans kept on file with the City. This electronic approval may not be edited once issued. Any modification to this approval once issued will invalidate this approval.

City of Raleigh Development Approval _____

Raleigh Water Review Officer _____

CD 20-03 Preserve Jones Dairy South Revision
APPROVED
 Date: February 15, 2023
Meredith Gruber
 Town of Rolesville Planning Department

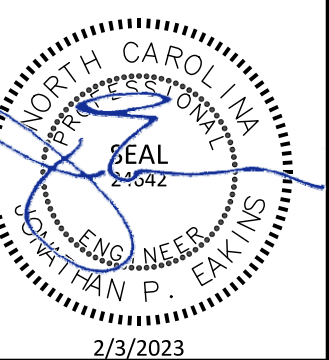


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CLIENT:
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 RALEIGH, NC 27617 919-491-0761

NO.	DATE	REVISIONS
1	2023-02-03	REVISIONS PER TOWN COMMENTS

PRESERVE AT JONES DAIRY - SOUTH STORM DRAINAGE REVISIONS
 ROLESVILLE, NC
STORM DRAINAGE REVISIONS



PROJECT NO:	---
DESIGN BY:	JPE
DRAWN BY:	JPE
SCALE:	1"=40'
DATE:	2022-10-11
SHEET NO:	SD1.1

PRELIMINARY DRAWING - NOT RELEASED FOR CONSTRUCTION