

### **PROPOSED CONDITIONS**

- 1. THE PURPOSE OF THIS PLAN IS TO PRESENT A PROPOSED STORM DRAINAGE DIVERSION TO ALLOW FOR THE CONSTRUCTION OF SINGLE FAMILY DWELLINGS ON LOTS 1A AND 1B
- 2. ALL CONSTRUCTION NOT RELATED TO THIS STORM DRAINAGE DIVERSION THAT REQUIRES REVIEW AND APPROVAL FROM THE TOWN OF CHAPEL HILL IS TO BE DESIGNED AND PREPARED FOR REVIEW BY OTHERS.

### **GENERAL NOTES**

SEAL

030339

8-7-2024

- 1. THE LAYOUT ON THIS PLAN WAS TAKEN FROM A CAD FILE PROVIDED BY JOHN MACKOWIAK AND PREPARED BY ECLS GLOBAL, LLC **SURVEYORS**
- TOPOGRAPHY SHOWN ON THIS PLAN WAS TAKEN FROM A CAD FILE 2. PROVIDED BY JOHN MACKOWIAK AND PREPARED BY ECLS GLOBAL, LLC **SURVEYORS**
- PROPERTY LINES ADJACENT TO THIS PROJECT WERE TAKEN FROM ORANGE COUNTY GIS
- INFORMATION FOR STORM DRAINAGE PIPES IN GRAND ALEXANDER DRIVE WAS TAKEN FROM A CAD FILE PROVIDED BY JOHN MACKOWIAK AND PREPARED BY ECLS GLOBAL, LLC SURVEYORS.

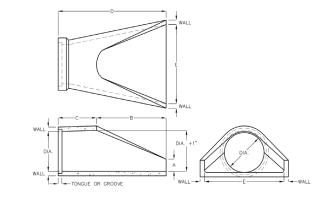
# PROPOSED GRADING AND STORM DRAINAGE NOTES

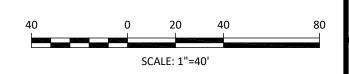
- GRADING AROUND THE PROPOSED HOUSES IS NOT AVAILABLE AT THIS TIME. ALL GRADING AROUND THE PROPOSED HOUSES SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE HOUSE FOUNDATION
- GRADING IS NECESSARY OVER THE PROPOSED STORM DRAINAGE PIPE TO PROVIDE ADEQUATE COVER. PROVIDE POSITIVE DRAINAGE AWAY FROM FILL OVER PROPOSED STORM PIPES.

# **PROPOSED FLARED END SECTION (FES 100)**

- 1. IF EXISTING CIRCULAR FLARED END SECTION IS IN GOOD CONDITION AND IS COMPATIBLE AT THE JOINT, IT WILL BE USED FOR THE PROPOSED RCP CULVERT EXTENSION OUTLET.
- IF THE EXISTING FLARED END SECTION IS NOT IN GOOD CONDITION AND/OR IS NOT COMPATIBLE AT THE JOINT, A NEW FLARED END SECTION OF INDENTICAL DIMENSIONS AND COMPATIBLE AT THE JOINT WILL BE USED AT THE OUTLET OF THE PROPOSED RCP CULVERT EXTENSION.

#### REINFORCED CONCRETE PIPE **FLARED END SECTIONS** 15" TO 42" I.D.





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**ALEXANDER SUBDIVISION** CHAPEL HILL, NC

PLAN

STORM DRAINAGE

PROJECT NO:

GRAND

SCALE:

1"=40'

DATE:

2024-08-07

SHEET NO:

**SD1.1**