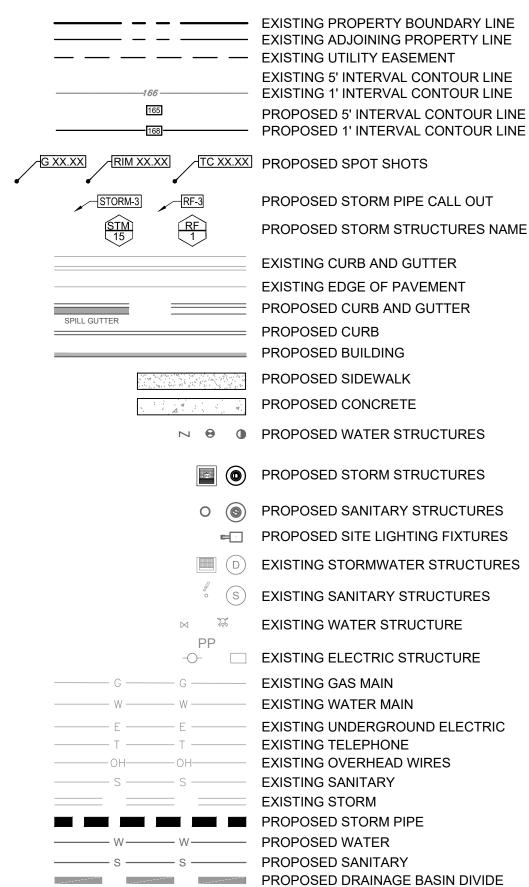


- 1. REFER TO SHEET C2 FOR GENERAL NOTES.
- 2. ALL DIMENSIONS ARE TO GROUND LEVEL IMPROVEMENTS (FACE OF CURB, CONCRETE SLAB, ETC.) UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
- 3. ALL DIMENSIONS FROM PROPERTY LINES ARE PERPENDICULAR
- 4. CONTRACTOR TO SEED ALL DISTURBED AREA UNLESS NOTED
- 5. CONTRACTOR TO INSTALL LIGHT DUTY ASPHALT IN ALL DRIVING

#### **GENERAL NOTES:**

- 1. RETENTION / DETENTION AREAS MUST BE STABILIZED WITH SOD UNLESS AN ALTERNATIVE METHOD IS SPECIFICALLY PERMITTED PRIOR TO PLAN APPROVAL. NO ORGANIC MULCH WILL BE PERMITTED IN OR ADJOINING RETENTION / DETENTION AREA.
- 2. THE PROJECT OWNER IS RESPONSIBLE FOR THE PERPETUAL MAINTENANCE OF ALL FEATURES OF THE SURFACE WATER MANAGEMENT SYSTEM AS OUTLINED ON THE DRAINAGE PLAN.
- 3. ELEVATIONS SHOWN ARE IN FEET ABOVE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (N.A.V.D.) BASED ON GPS OBSERVATIONS. CONVERSION FROM NAVD 88 TO NGVD 29, NAVD
- 4. PLAN PREPARED IN STATE PLANE COORDINATE SYSTEM, GA WEST

## **GRADING LEGEND**



# **EXISTING TOPOGRAPHY:**

THE EXISTING TOPOGRAPHY CONSISTS OF ROLLING TERRAIN, A VACANT AUTOMOTIVE REPAIR FACILITY, AND THE ASSOCIATED PARKING LOT AND APPURTENANCES. ELEVATIONS ON SITE VARY FROM 1991 FT TO 1984 FT, HOWEVER NO STEEP SLOPES HAVE BEEN OBSERVED ON SITE. THE EXISTING SITE SHEET FLOWS TO A CONCRETE FLUME AND TO A TRENCH DRAIN. BOTH STORMWATER DEVICES DISCHARGE INTO A CONCRETE DETENTION / RETENTION POND. THE CONCRETE POND DISCHARGES TO DOWNSTREAM DEVICES THROUGH A STANDPIPE.

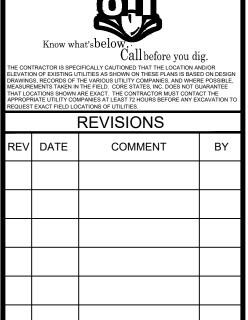
## SUMMARY OF DOWNSTREAM RECEIVING WATERS:

THE EXISTING DOWNSTREAM CONDITION IS A SERIES OF EXISTING STORM DRAINAGE PIPES AND STORMWATER MANAGEMENT AREAS THROUGH DEVELOPED ADJOINING COMMERCIAL PROPERTIES. THE ADJOINING AND DOWNSTREAM PROPERTIES CONSIST OF PARKING FIELDS, COMMERCIAL BUILDINGS, DRIVEWAYS, AND STORMWATER MANAGEMENT AREAS. THE ULTIMATE DISCHARGE POINT FOR THE SUBJECT SITE IS APPROXIMATELY 2,000 FEET DOWNSTREAM INTO HOG WALLOW CREEK. THE DISCHARGE POINT INTO HOG WALLOW CREEK IS APPROXIMATELY 85 VERTICAL FEET BELOW THE SUBJECT SITE. THIS SUMMARY IS BASED ON BEST AVAILABLE DATA FROM GOOGLE EARTH, THE CITY OF ROSWELL GIS AND SITE VISIT



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ENGINEER SEAL

SHEET TITLE STORMWATER CONCEPTUAL PLAN

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CHECKED BY:	BLS
DRAWN BY:	RJD
SCALE:	SCALE
DATE:	01/24/2020
JOB #:	JPM-27214