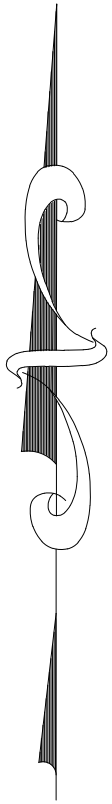


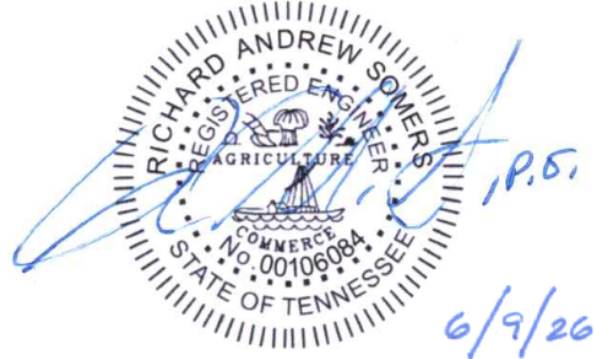
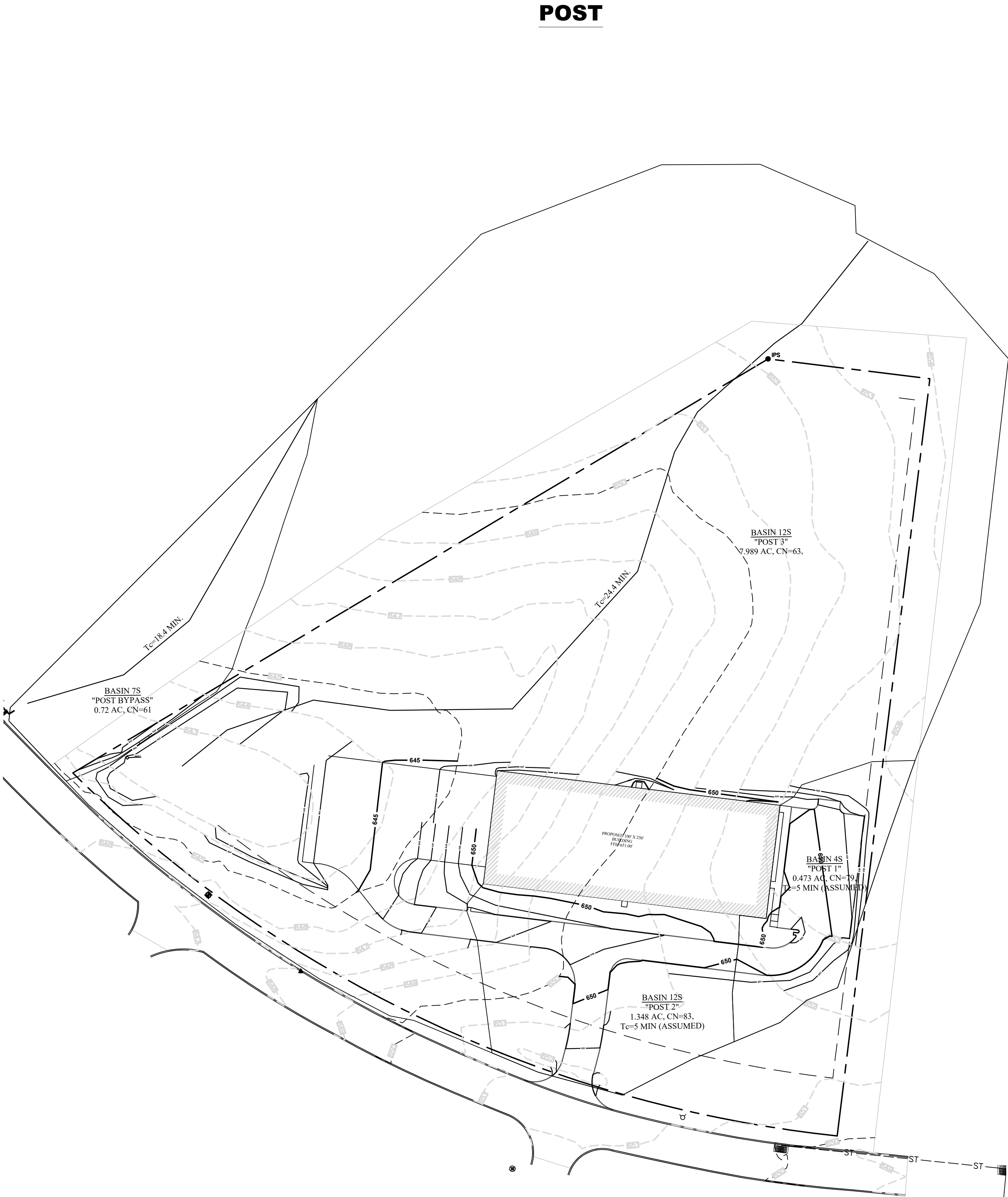
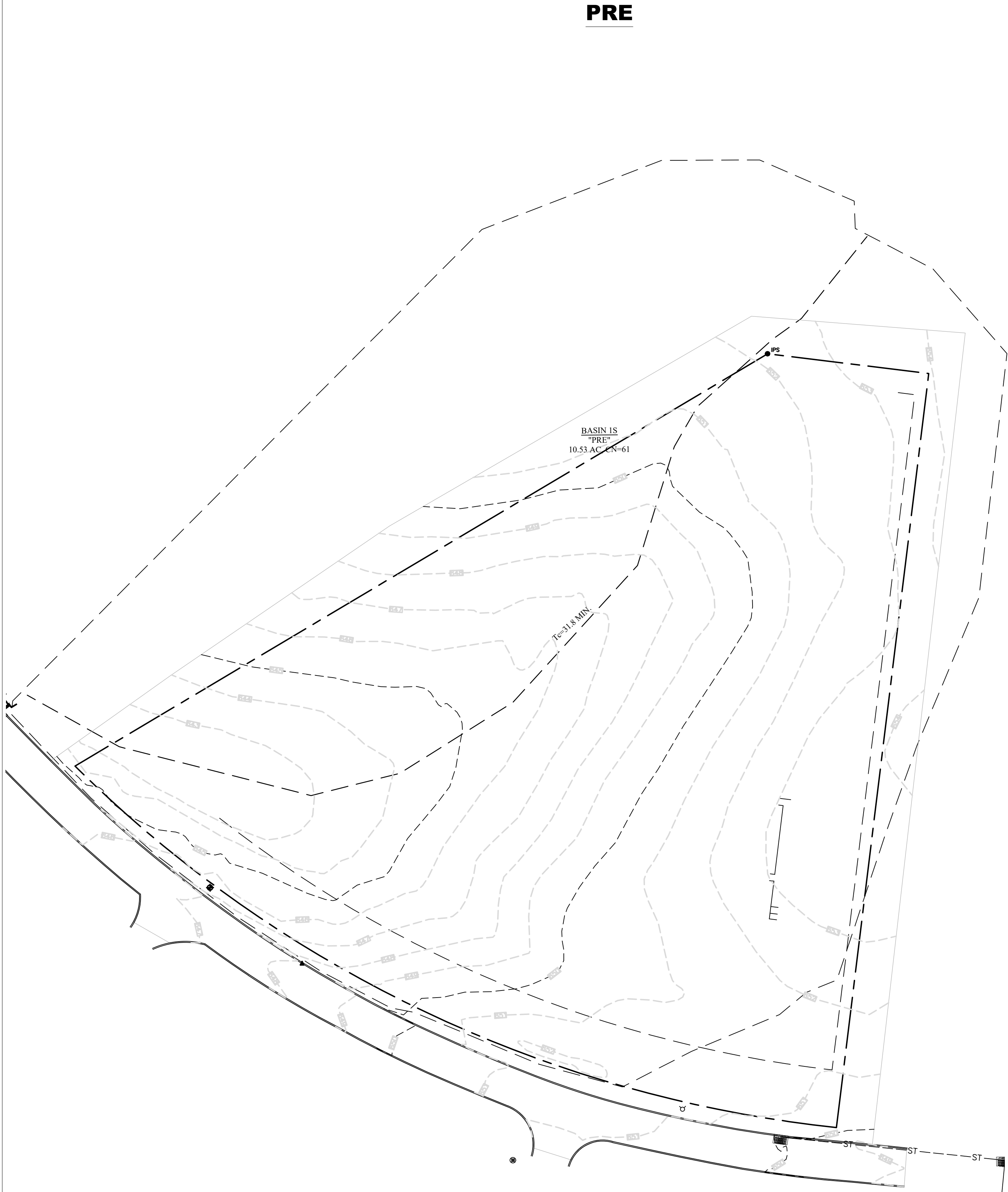
HYDROLOGY SUMMARY			
STORM EVENT	RUNOFF		MAX. WATER CREST IN POND
	PRE-DEVELOPMENT	POST-DEVELOPMENT	
2-YEAR	5.12 CFS	3.59 CFS	643.28
10-YEAR	12.87 CFS	6.81 CFS	643.90
25-YEAR	18.38 CFS	8.25 CFS	644.29
100-YEAR	28.31 CFS	15.05 CFS	644.74

TOTAL VOLUME OF DETENTION POND = 49,077 CUBIC FEET
TOP OF POND AT 644.90' ELEVATION



**LINEAGE METALS -
CHERRY GLEN INDUSTRIAL PARK**
JOE FRANK PORTER ROAD
MT. PLEASANT, TN 38474

JUNE 9, 2026



**SOMERS CONSULTING
SERVICES, LLC.**
ANDY SOMERS, P.E.
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2206 SHADES CREST RD
HUNTSVILLE, AL 35801

LINEAGE METALS
(925) 330-6747
2737 COUCHVILLE PIKE, SUITE 300
NASHVILLE, TN 37217

DRAWN:
AS

CHECKED:
AS

SHEET NAME:
HYDROLOGY

SCALE:
1"=60'

SHEET NO:
1 OF 1