

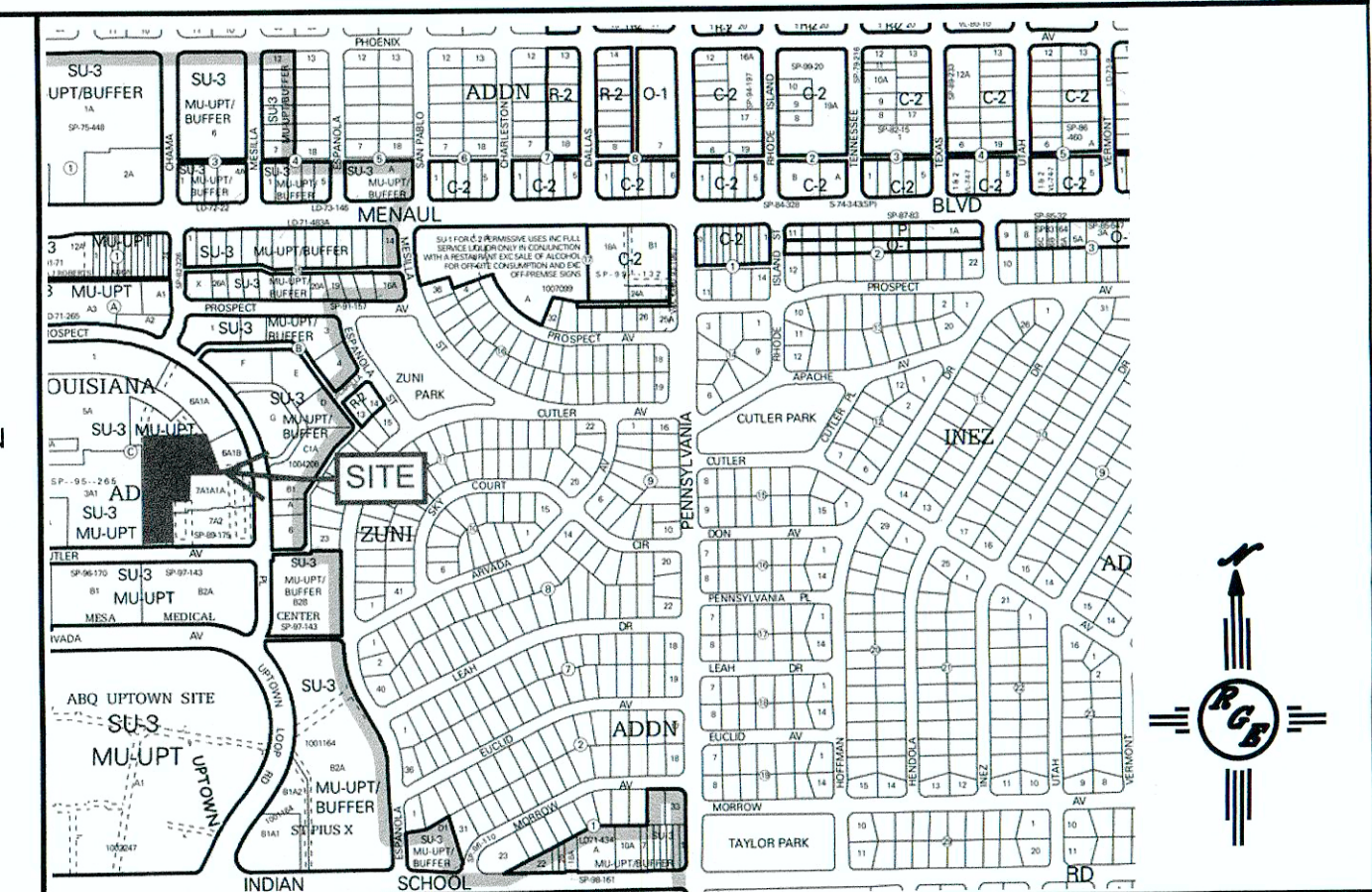
DRAINAGE NARRATIVE
 THE SITE IS A FULLY DEVELOPED PORTION OF AN EXISTING SITE. THE OVERALL ORIGINAL SITE WAS DESIGNED TO DISCHARGE TO AN EXISTING 60" STORM DRAIN IN LOUISIANA, VIA SURFACE AND UNDERGROUND CONDUITS. THE OVERALL SITE ANALYSIS IS LOCATED IN DRAINAGE FILE H16D1. THE PROJECT AREA WAS AT ONE TIME A RETENTION BASIN. THE SITE WAS REANALYZED BY BOHANAN HUSTON IN 1984 AND PARTIALLY CONSTRUCTED. THE POND BASIN WAS CONVERTED TO A PARKING LOT DETENTION POND IN A REPORT BY LARRY REID IN 2004. THE PROJECT AREA ACCEPTS UPLAND FLOW FROM THE EAST. THE SITE IS ALLOWED TO DISCHARGE AT A PEAK RATE OF 1.6CFS.

THIS DEVELOPMENT WILL CONTINUE TO ALLOW THE UPLAND FLOW OF 3.435 CFS TO ENTER THE SITE. THE SITE WILL CONTINUE TO GENERATE 6.30 CFS. THE BASIN DISCHARGE SHALL MATCH THE HISTORICAL RATE OF 0.63 CFS ALLOWED BY THE INTRODUCTION PARKING LOT DETENTION WITH SUBSURFACE INFILTRATION CHAMBERS. THE REQUIRED FIRST FLUSH VOLUME OF 1450 CUBIC FEET WILL BE CAPTURED BY THE UNDERGROUND CHAMBERS.

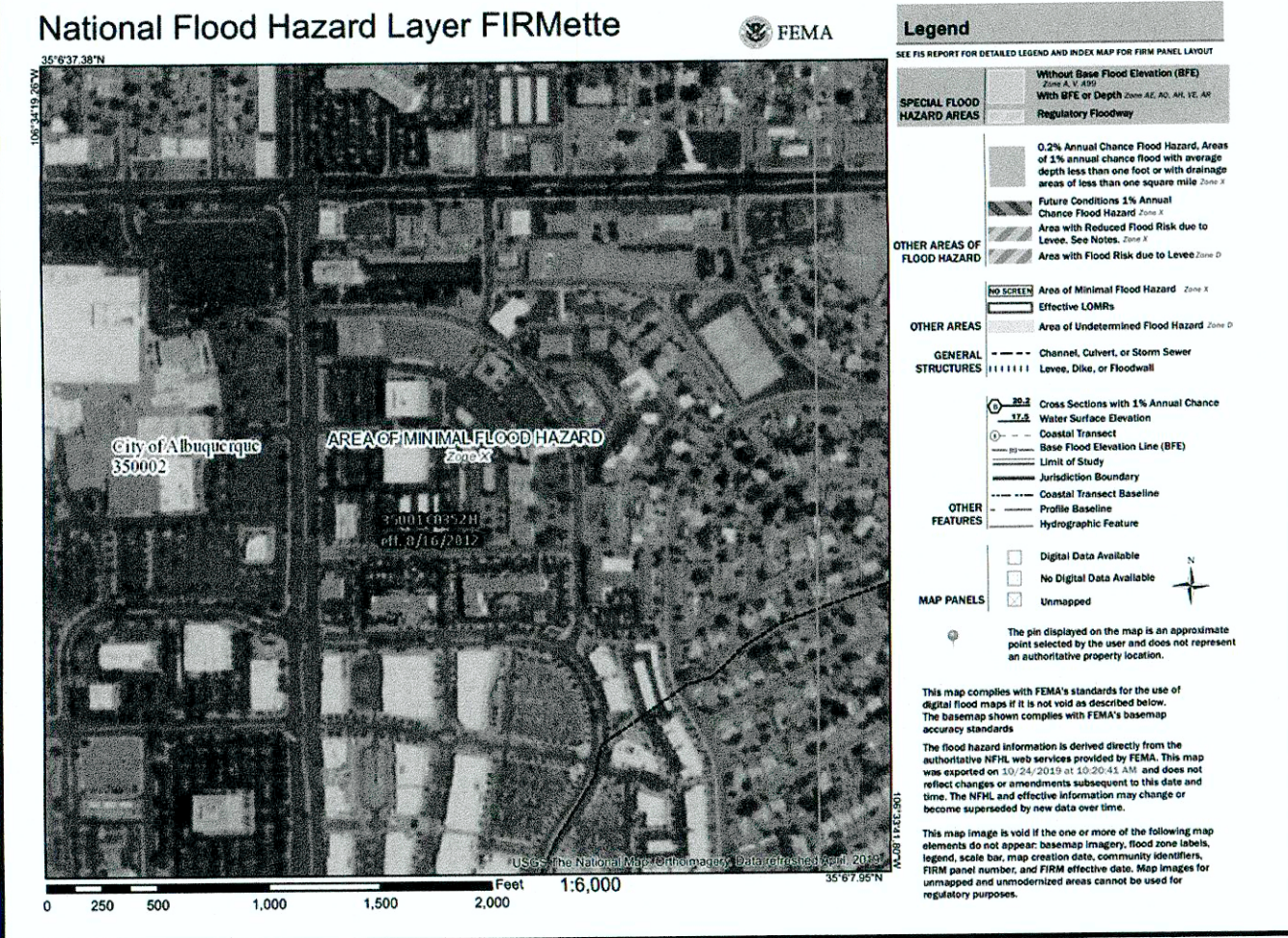
THE DEVELOPMENT OF THIS SITE WILL MATCH EXISTING CONDITIONS.

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.



VICINITY MAP: H-19-Z



FIRM MAP:

LEGAL DESCRIPTION:

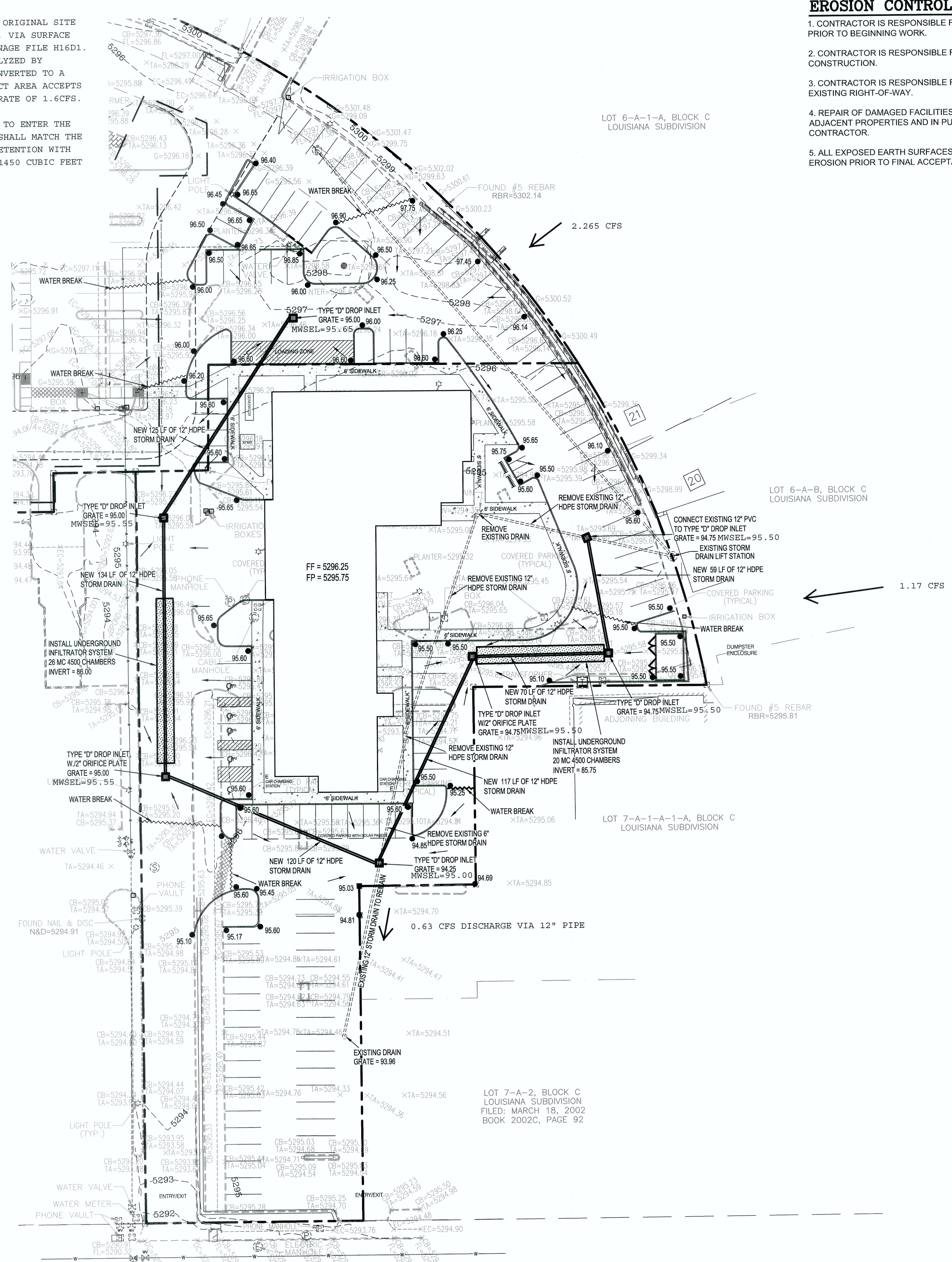
LOTS 5-A-1, 5-A-2, 6-A-1-C-1-A AND 6-A-1-C-1-B, BLOCK "C" LOUISIANA SUBDIVISION ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

NOTES:

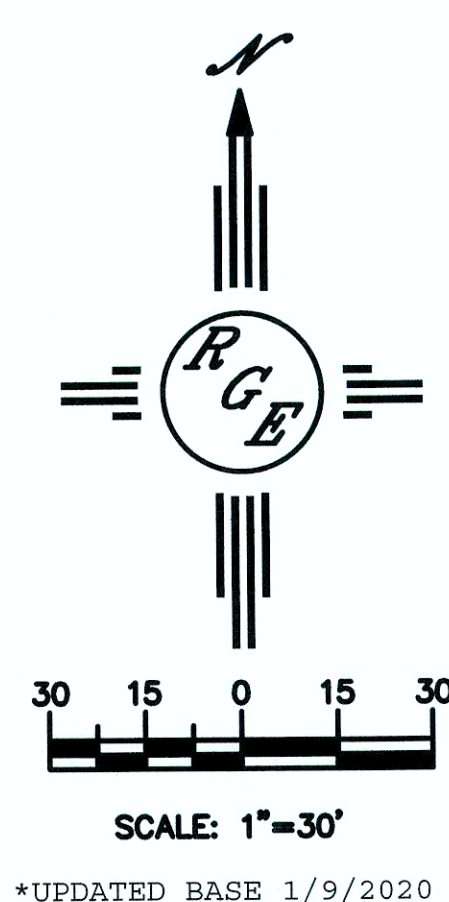
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL SLOPES SHALL BE 3:1 MAX. AND GRAVEL OR NATIVE SEEDING PRIOR TO CO.
3. ANY PERIMETER WALLS MUST BE PERMITTED SEPARATELY. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.
4. SURVEY INFORMATION PROVIDED BY COMMUNITY SCIENCES CORPORATION USING NAVD DATUM 1988.

LEGEND

---	EXISTING CONTOUR	CB = CURB
---	EXISTING INDEX CONTOUR	BPOND = BOTTOM OF POND
•	EXISTING SPOT ELEVATION	DRN = DRAIN
•	PROPOSED SPOT ELEVATION	EC = EDGE OF CONCRETE
---	BOUNDARY	FF = FINISHED FLOOR
---	ADJACENT BOUNDARY	FL = FLOW LINE
---	EXISTING CURB AND GUTTER	G = GROUND
---	PROPOSED WATER BREAK	N&D = NAIL & DISC
---	PROPOSED HDPE STORM DRAIN	RMP = RAMP
---	PROPOSED TYPE "D" DROP INLET PER COA STD DWG	SASMH = SANITARY SEWER MANHOLE
---	PROPOSED UNDERGROUND INFILTRATOR SYSTEM	TA = TOP OF ASPHALT
		☆ = LIGHT POLE
		☐ = CABLE BOX
		☐ = IRRIGATION BOX
		☐ = WATER VALVE
		☐ = WATER METER
		⊙ = SANITARY SEWER MANHOLE
		⊙ = STORM DRAIN MANHOLE
		⊙ = ELECTRIC MANHOLE
		⊙ = PHONE MANHOLE



CAUTION:
 EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



	2440 LOUISIANA BLVD. GRADING AND DRAINAGE PLAN	DRAWN BY DEM DATE 10-24-19 2440 LOUISIANA BLVD.DWG
		SHEET # C1 JOB #
11/7/19 DAVID SOULE P.E. #14522	1806 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	