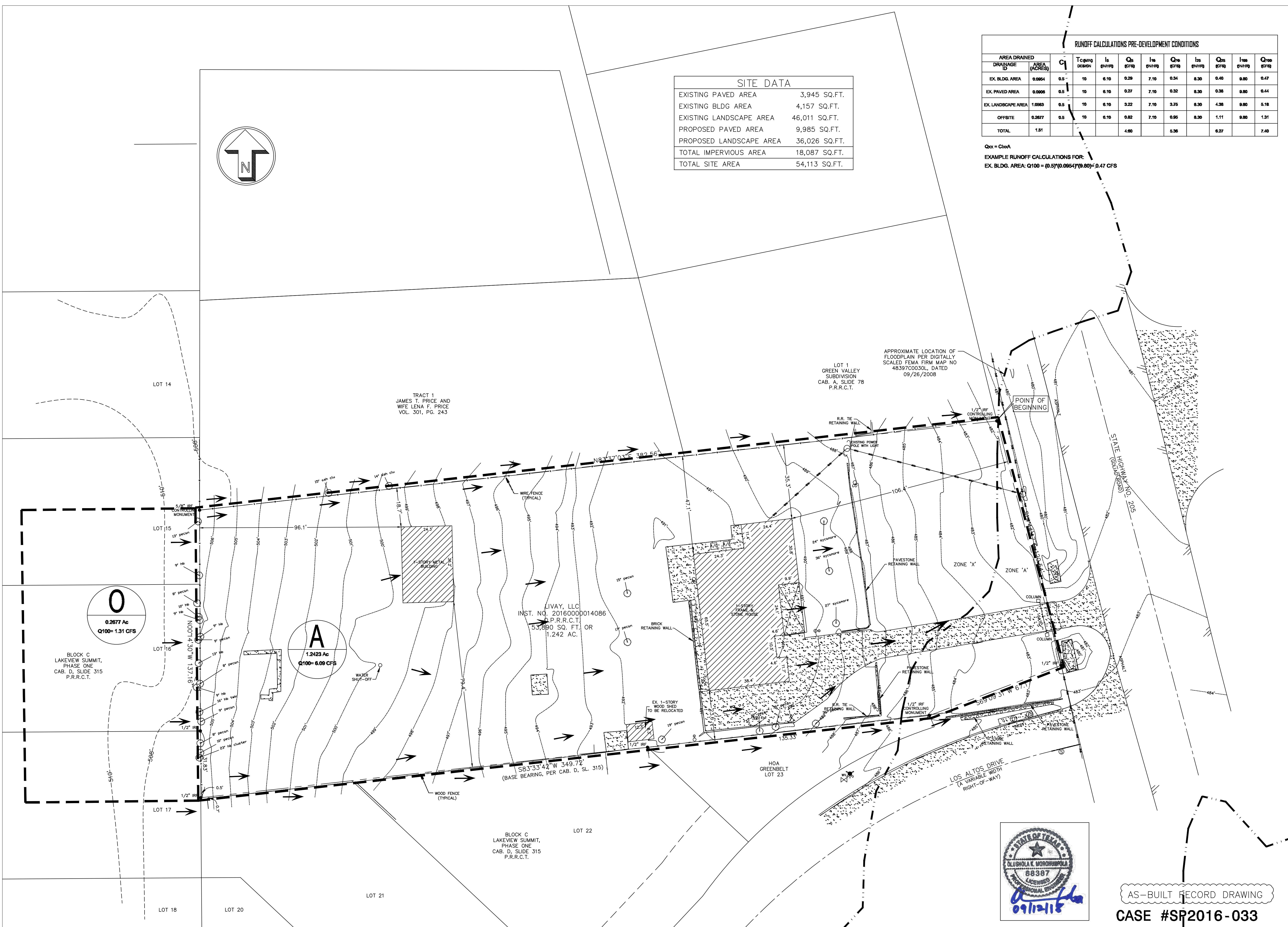


SITE DATA	
EXISTING PAVED AREA	3,945 SQ.FT.
EXISTING BLDG AREA	4,157 SQ.FT.
EXISTING LANDSCAPE AREA	46,011 SQ.FT.
PROPOSED PAVED AREA	9,985 SQ.FT.
PROPOSED LANDSCAPE AREA	36,026 SQ.FT.
TOTAL IMPERVIOUS AREA	18,087 SQ.FT.
TOTAL SITE AREA	54,113 SQ.FT.

RUNOFF CALCULATIONS PRE-DEVELOPMENT CONDITIONS											
AREA DRAINED	AREA (ACRES)	C _i	T _o (MIN)	I _s (IN/HR)	Q _s (CFS)	I _o (IN/HR)	Q _o (CFS)	I _{2s} (IN/HR)	Q _{2s} (CFS)	I _{10s} (IN/HR)	Q _{10s} (CFS)
EX. BLDG. AREA	0.0954	0.5	10	6.10	0.29	7.10	0.34	8.30	0.40	9.80	0.47
EX. PAVED AREA	0.0908	0.5	10	6.10	0.27	7.10	0.32	8.30	0.38	9.80	0.44
EX. LANDSCAPE AREA	1.0863	0.5	10	6.10	3.22	7.10	3.78	8.30	4.28	9.80	5.18
OFFSITE	0.2877	0.5	10	6.10	0.82	7.10	0.96	8.30	1.11	9.80	1.31
TOTAL	1.51								6.27		7.40

Q₁₀₀ = C₁₀₀A
 EXAMPLE RUNOFF CALCULATIONS FOR:
 EX. BLDG. AREA: Q₁₀₀ = (0.57)(0.0954)(9.80) = 0.47 CFS

LEGEND	
---436---	EXISTING CONTOUR LINE
→	DRAINAGE / GRADING DIRECTION
+ 437.00	EXISTING SPOT ELEVATION
● 655.35	PROPOSED SPOT ELEVATION
---	DRAINAGE DIVIDE LINE
B	DRAINAGE AREA NO.
---436---	PROPOSED CONTOUR LINE
[Pattern]	NEW CONCRETE PAVEMENT
[Pattern]	EXISTING CONCRETE PAVEMENT
[Pattern]	ASPHALT PAVEMENT
[Pattern]	LANDSCAPE AREA
○	EXISTING CHAIN LINKED FENCE
---	EXISTING WOODEN FENCE
---	PROPERTY LINE
T.O.C.	TOP OF CURB ELEVATION
□	TELEPHONE PEDESTAL
○	POWER POLE
□	SIGN
○	EXISTING SAN. SEWER MANHOLE
○	FIRE HYDRANT
T.O.W.	TOP OF WALL
B.O.W.	BOTTOM OF WALL



OWNER/APPLICANT NAME:
 LIZARDO OEMENO
 816 COURTLAND DRIVE
 MESQUITE, TX 75150
 (214) 475-5144

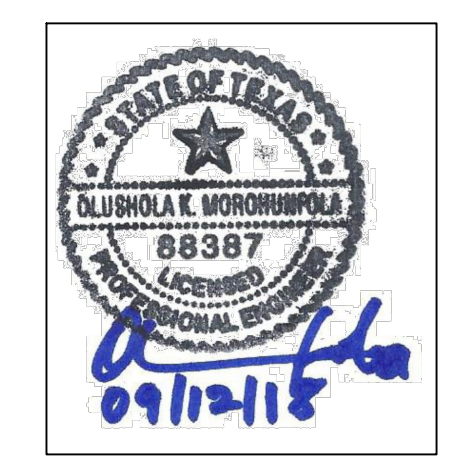
OKM ENGINEERING, INC.
 Geotechnical, Environmental & Civil Engineering Consultants
 (TBPE FIRM REG. #F-7241)
 112 S. Madison Avenue
 Dallas, Texas 75028
 Phone: (214) 941-9412
 Fax: (214) 941-9445

REVISIONS	
Date	Description

Project Name & Address:
 PROPOSED OFFICE (REAL ESTATE)
 1201 N. GOLIAD STREET
 LIZARDO OEMENO ADDITION
 LOT 1, BLOCK A
 ROCKWALL, TX 75087

Sheet Title:
 EXISTING DRAINAGE PLAN

Date: AUGUST 30, 2017
 Scale: 1" = 20'
 OKM Project No.: 17-150
 Owner's Project No.: N/A
 Sheet No.: C-2



AS-BUILT RECORD DRAWING
 CASE #SP2016-033