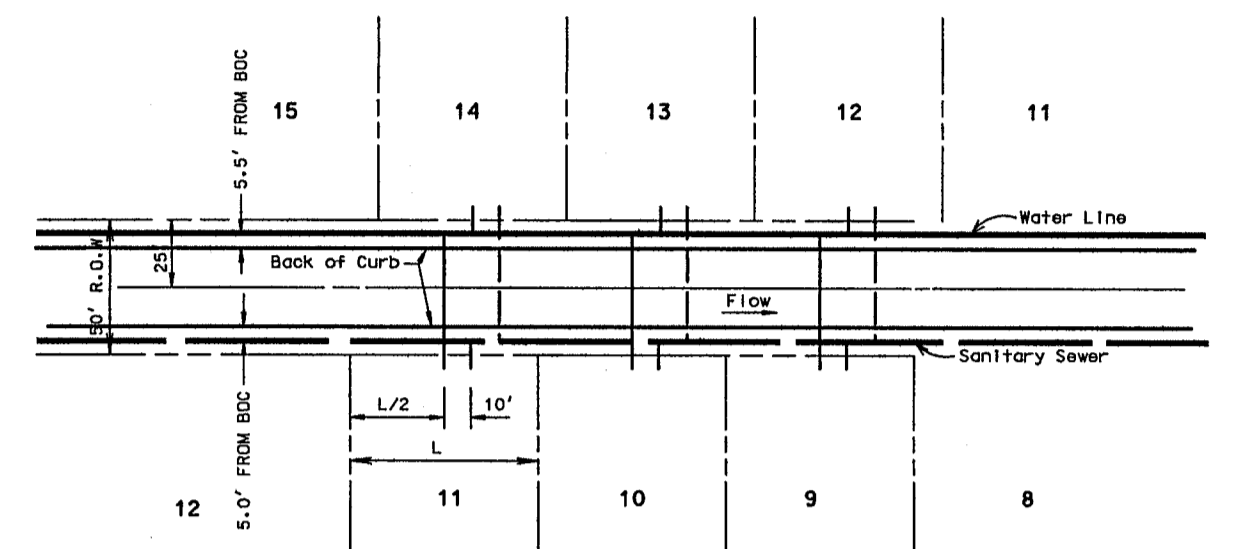


SCALE: 1" = 50'



TYPICAL WATER & SEWER SERVICE LAYOUT  
N.T.S.

NOTE:  
 ALL WATER LINES TO BE CLASS 200 PIPE SDR 14.  
 ALL SANITARY SEWER PIPE TO BE SDR 35 FOR 5'-10" DEEP AND SDR 26 FOR 10' AND GREATER. 10" SANITARY SEWER TO BE SDR 26.  
 INSTALL BLUE "EMS" DISK ON WATER LINE AT EVERY CHANGE IN DIRECTION, VALVE, AND SERVICE.  
 INSTALL GREEN "EMS" DISK ON SANITARY SEWER LINE AT EVERY CHANGE IN DIRECTION, MANHOLE, CLEANOUT, AND SERVICE.  
 ALL MANHOLES TO BE RAVEN EPOXY LINED (OR APPROVED EQUAL) AND SEALED IF LOCATED IN STREET PAVEMENT.  
 ALL HOMES TO BE SPRINKLERED

BENCHMARK \*1  
 PK NAIL FOUND IN CENTER OF S. JOHN KING BLVD. 20' ± NORTH OF MEDIAN OPENING NEAR NORTHWEST CORNER OF PROPERTY.  
 ELEV. -564.12  
 N. 7021747.513  
 E. 2602779.713  
 BENCHMARK \*2  
 "X" FOUND ON NORTH END OF TOP OF HEADWALL ON WEST SIDE OF S. JOHN KING BLVD. AT BUFFALO CREEK.  
 ELEV. -550.82  
 N. 7020725.306  
 E. 2602982.310

LEGEND

	PROP. WATER LINE
	PROP. FIRE HYDRANT AND VALVE
	PROP. GATE VALVE
	PROP. FLUSH VALVE
	EXIST. WATER LINE
	EXIST. FIRE HYDRANT AND VALVE
	PROP. SANITARY SEWER
	PROP. MANHOLE
	PROP. CLEANOUT
	EXIST. SANITARY SEWER
	EXIST. MANHOLE
	PROP. STORM SEWER
	PROP. CURB INLETS
	PROP. CONC. HEADWALL

SANITARY SEWER CURVE DATA

CURVE NO.	①	②	③	④
Δ	57° 57' 19"	30° 50' 41"	11° 02' 43"	17° 33' 45"
R	200.00'	250.00'	250.00'	200.00'
T	110.76'	68.97'	24.17'	30.89'
L	202.30'	134.58'	48.19'	61.30'

SERVICE SCHEDULE

TYPE	SIZE	NO.
SANITARY	4"	34
WATER	1"	34

AS-BUILT JULY 2015  
 INFORMATION PROVIDED BY CONTRACTORS (NOT FIELD VERIFIED)



The seal appearing on this document was authorized by Brandon Davidson, P.E. 87682, on October 9, 2014.

**CORWIN ENGINEERING, INC.**  
 200 W. BELMONT, SUITE E  
 ALLEN, TEXAS 75013 (972)396-1200  
 TBPE FIRM #5951

DEVELOPMENT PLANS FOR  
**ROCKWALL DOWNES**  
 PHASE 1  
 ROCKWALL, TEXAS

WATER & SANITARY SEWER PLAN

DRAWN BY	DESIGNED BY	CHECKED BY	SHEET NO.
JOB NUMBER	DATE	SCALE:	7 OF 17
14046	JANUARY 2015	HOR: 1"=50'	