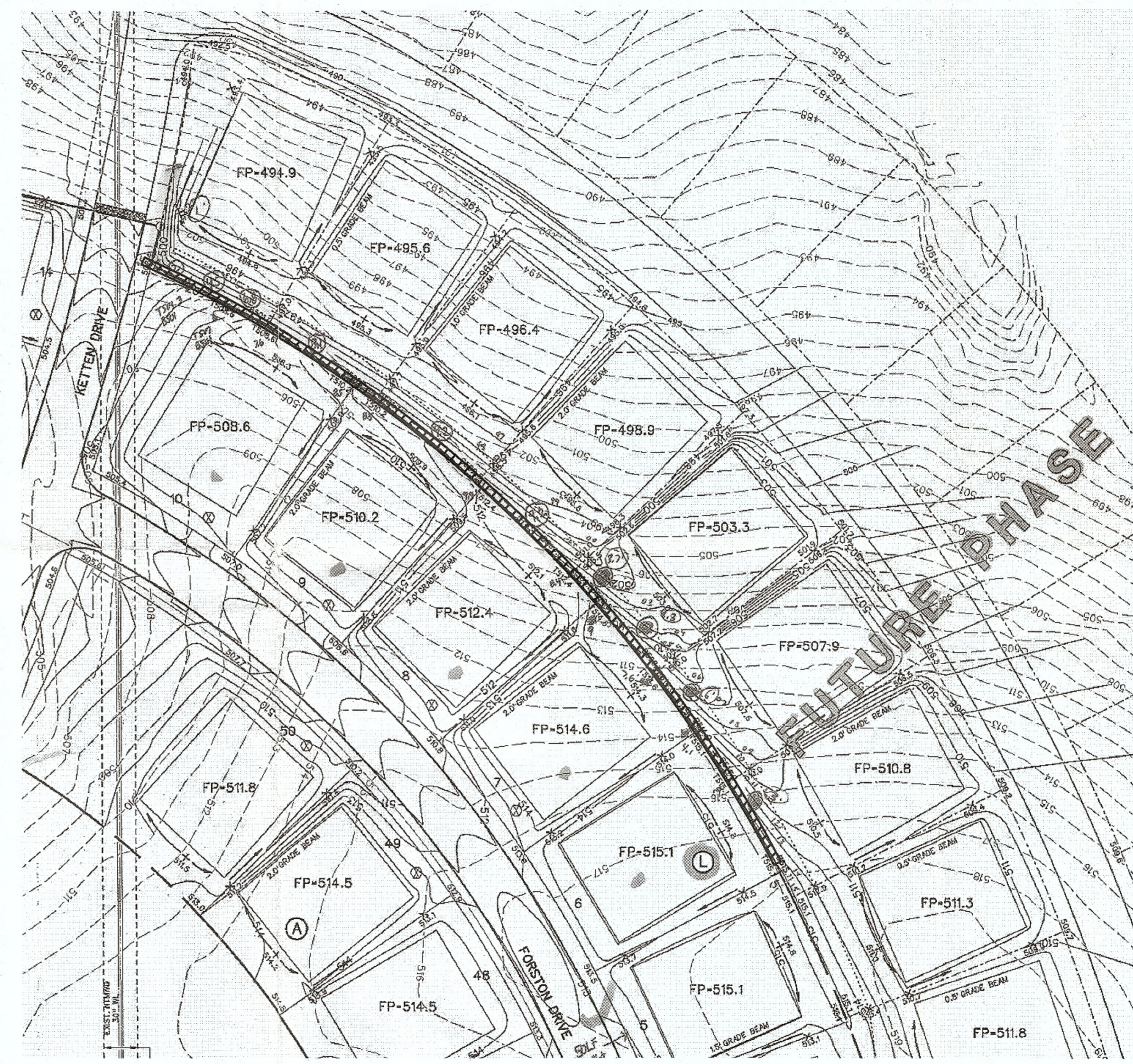


RW2/1 ALTERNATE SLOPE MASONRY WALL
 SCALE: N.T.S.

RW2/1 - ALTERNATE MASONRY WALL SCHEDULE - 1800 psf										
1800 psf - BEARING CAPACITY (COMPACTED AND TESTED OR NATURAL SOILS)										
WALL HEIGHT	BASE WIDTH	TOE	BASE DEPTH (TOE)	BASE DEPTH (HEEL)	BATTER	FULLY MORTARED ZONE	THICKNESS OF WALL	DRAINAGE ZONE THICKNESS	BEARING CAPACITY	
H	B	B1	C	C1	A	E	T	G	1800 psf	
7' - 0"	3' - 10"	0' - 10"	1' - 8"	0' - 8"	1' - 2"	0' - 10"	3' - 0"	1' - 0"		
8' - 0"	4' - 6"	1' - 0"	2' - 0"	0' - 10"	1' - 4"	1' - 0"	3' - 6"	1' - 3"		
9' - 0"	5' - 2"	1' - 2"	2' - 6"	0' - 11"	1' - 6"	1' - 2"	4' - 0"	1' - 6"		
10' - 0"	6' - 0"	1' - 4"	2' - 9"	1' - 1"	1' - 8"	1' - 4"	4' - 8"	1' - 9"		
11' - 0"	6' - 9"	1' - 6"	3' - 0"	1' - 3"	1' - 10"	1' - 6"	5' - 3"	2' - 0"		
WALL DESIGN CRITERIA										
BEARING	SLOPE TOP	SLOPE BOT	ACTIVE PRESSURE	PASSIVE PRESSURE	FRICTION ANGLE BASE	SLOPE OF BACK OF WALL	SURCHARGE			
Q_u	β	β_1	ϕ_a	ϕ_p	δ	α	q			
1800 psf	5.7 deg	18.4 deg	30 deg	30 deg	17 deg	99.5 deg	0 psf			

RW2/1 ALT MASONRY WALL SCHEDULE
 SCALE: N.T.S.



ALT MASONRY WALL LOCATION
 SCALE: N.T.S.

No.	Date	Item	REVISIONS



RELEASED FOR CONSTRUCTION
 ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN
 REMAINS WITH THE DESIGN ENGINEER. THE CITY
 OF ROCKWALL FOR CONSTRUCTION ASSUMES NO
 RESPONSIBILITY FOR ADEQUACY OR ACCURACY
 OF DESIGN.
 DATE

RETAINING WALL
 DETAILS AND NOTES

Project No.	RW120415-1
Date	12.04.2015
Last Revision	12.04.2015

RW2