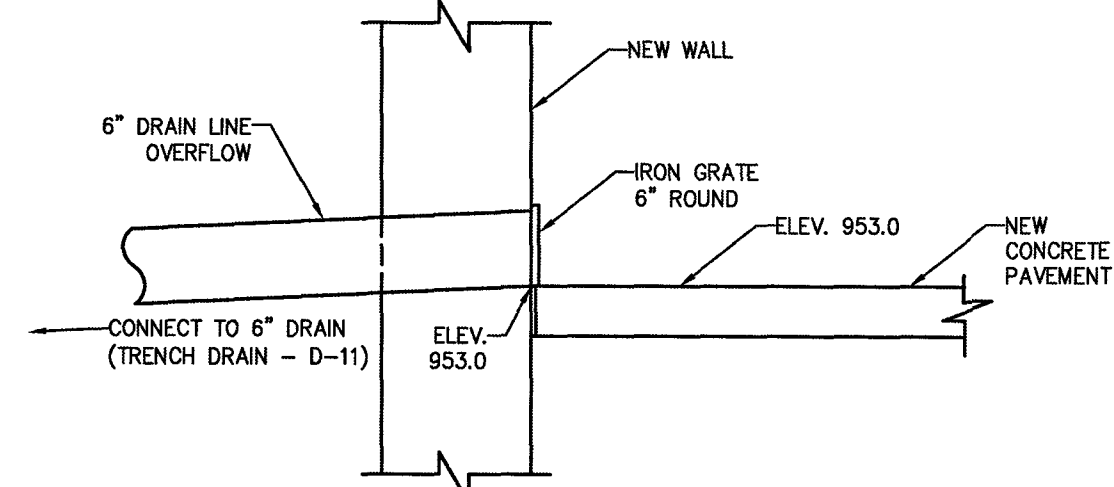
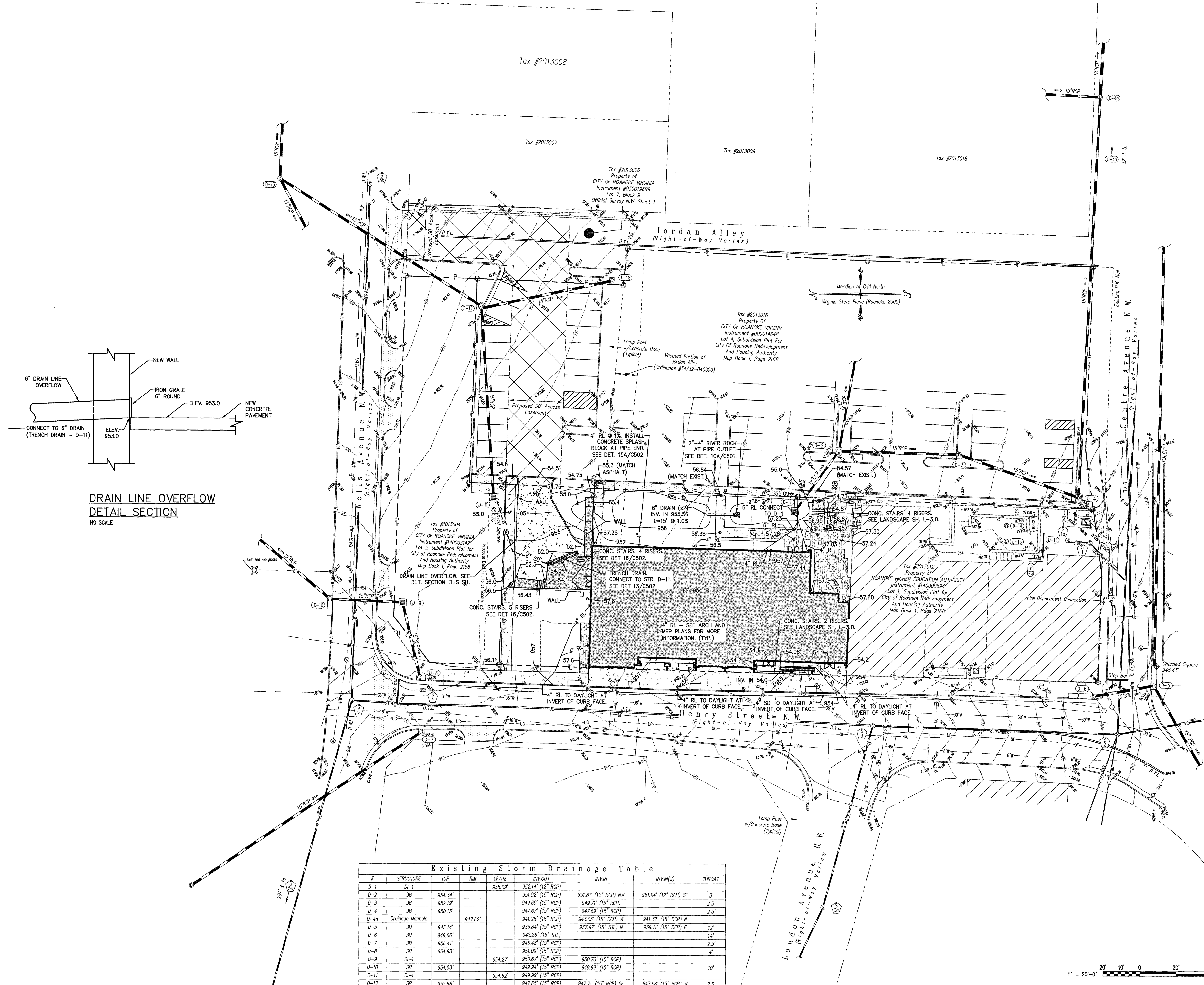
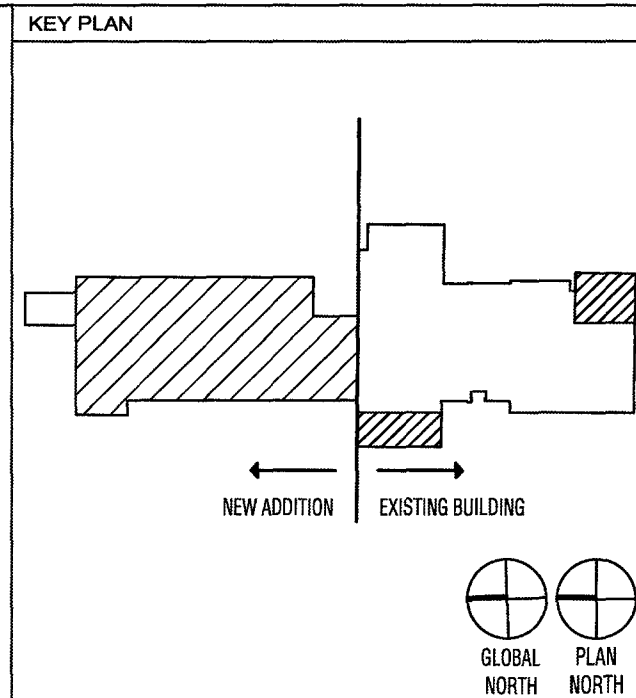




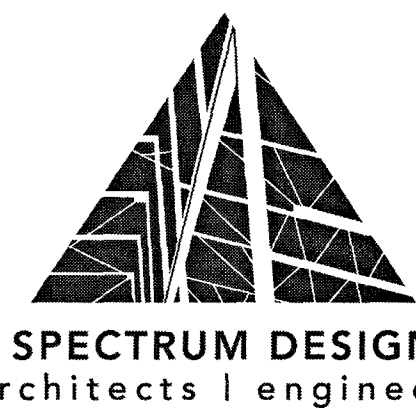
Drain Line Overflow
Detail Section
NO SCALE

Existing Storm Drainage Table							
#	STRUCTURE	TOP	RM	GRATE	INV./OUT	INV./IN	INV./IN(2)
D-1	D-1	954.34'		955.09'	952.14' (12" ROP)		
D-2	3B	954.34'			951.92' (15" ROP)	951.91' (12" ROP) NW	951.94' (12" ROP) SE
D-3	3B	952.19'			949.69' (15" ROP)	949.71' (15" ROP)	
D-4	3B	950.13'			947.67' (15" ROP)	947.69' (15" ROP)	
D-4a	Drainage Manhole		947.62'		941.28' (18" ROP)	943.05' (15" ROP) W	941.32' (15" ROP) N
D-5	3B	945.14'			935.64' (15" ROP)	937.97' (15" STL) N	939.11' (15" ROP) E
D-6	3B	946.66'			942.26' (15" STL)		
D-7	3B	956.41'			948.48' (15" ROP)		
D-8	3B	954.93'			951.09' (15" ROP)		
D-9	D-1			954.27'	950.67' (15" ROP)	950.70' (15" ROP)	
D-10	3B	954.53'			949.94' (15" ROP)	949.99' (15" ROP)	
D-11	D-1			954.62'	949.99' (15" ROP)		
D-12	3B	952.66'			947.65' (15" ROP)	947.75' (15" ROP) SE	947.58' (15" ROP) W
D-13	Drainage Manhole	948.32'			944.65' (15" ROP)	944.69' (15" ROP) SW	944.74' (15" ROP) WSW
D-14	Drainage Manhole	953.94'			Not Accessible		
D-15	Rain Cistern	953.95'			Not Accessible		
D-16	Trench Drain		947.07'		946.22' (6" STL)		
D-17	Trench Drain		947.37'		946.45' (4" STL)		
D-18	3B		954.70'		950.45' (15" ROP)		



GENERAL NOTES
1. SEE STRUCTURAL SHEETS FOR WALL DETAILS AND DESIGN.

City of Roanoke
Planning, Building, & Development
COMPREHENSIVE DEVELOPMENT PLAN
APPROVED
by plkr1
06/02/2017



10 CHURCH AVE SE, PLAZA SUITE 1 ROANOKE, VIRGINIA 24011 540.342.6001
CLAUDE MOORE
COMPLEX ADDITION
ROANOKE, VA
PROJECT CODE #: 935-18158

SPECTRUM DESIGN PROJECT NO. 14132



DATE: 18 SEPTEMBER 2016
DESIGN ARCHITECT: MAR
PROJECT ENGINEER: THL
CHECKED BY: DATE
DRAWN BY: NUMBER
REVISIONS: DATE

SHEET TITLE
GRADING AND DRAINAGE PLAN

C103