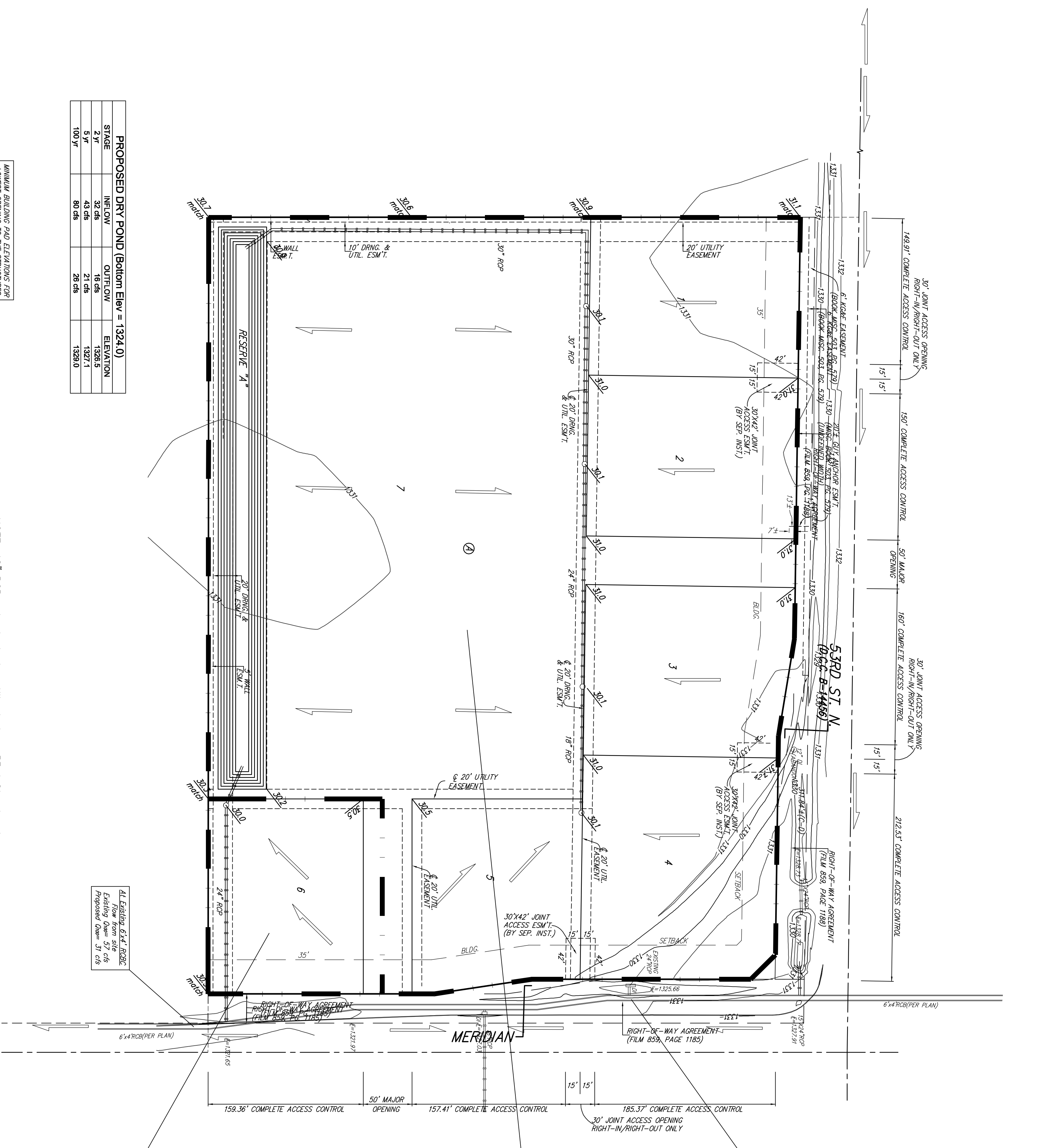


# DRAINAGE PLAN

## JOHNSON COMMERCIAL CENTRE

### AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



PROPOSED DRY POND (Bottom Elev = 1324.0)			
STAGE	INFLOW	OUTFLOW	ELEVATION
2 Yr	32 cfs	16 cfs	1328.5
5 Yr	43 cfs	21 cfs	1327.1
100 Yr	80 cfs	28 cfs	1329.0

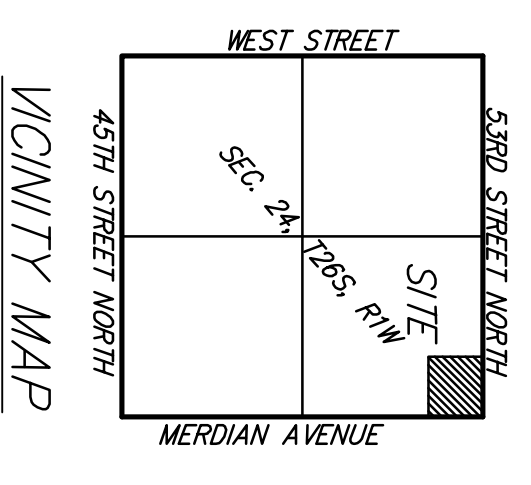
MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION
7	A	1322.0

All Existing 6\"/>

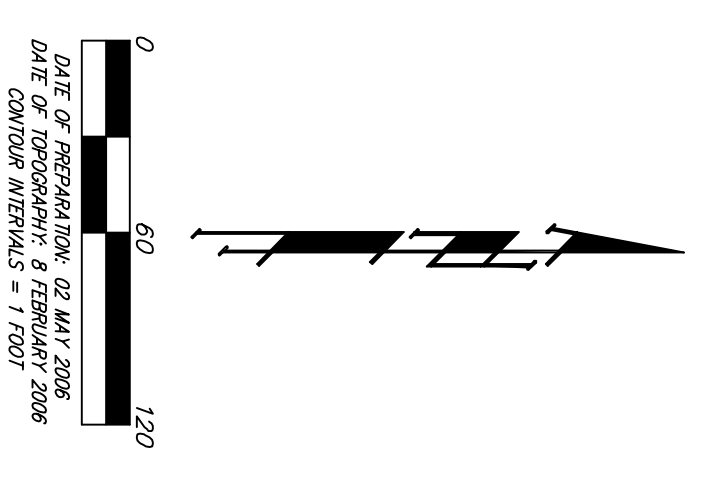
**Developed**  
 Area = 0.6 acres  
 Soil Type B  
 Tc = 15 min  
 CN = 92  
 Q<sub>2</sub> = 1.8 cfs  
 Q<sub>3</sub> = 2.5 cfs  
 Q<sub>100</sub> = 4.6 cfs

**Developed**  
 Area = 10.4 acres  
 Soil Type B  
 Tc = 15 min  
 CN = 92  
 Q<sub>2</sub> = 32 cfs  
 Q<sub>3</sub> = 43 cfs  
 Q<sub>100</sub> = 80 cfs

**Existing**  
 Area = 11 acres  
 Soil Type B  
 Tc = 15 min  
 CN = 69  
 Q<sub>2</sub> = 12 cfs  
 Q<sub>3</sub> = 21 cfs  
 Q<sub>100</sub> = 57 cfs



Existing 24" RCP to be removed. A new 24" RCP will be installed approximately 420 feet south to accommodate drainage.



**OWNER:**  
 W. JOHNSON LINCO TRUST  
 2821 KENNETH CT  
 WICHITA, KS 67204-2317

**LEGAL DESCRIPTION:**  
 THE NORTH 66.00 FEET OF THE EAST 861.00 FEET OF THE NE 1/4 OF SECTION 24, T49S, R-1-W OF THE 6TH P.M., 10 SEDGWICK COUNTY, KANSAS, SUBJECT TO THE RIGHTS OF THE CITY OF WICHITA.

**BENCHMARK:**  
 AT THE INTERSECTION OF WEST STREET AND 53RD ST. N, THE CORNER OF CONCRETE HEADWALL  
 44' NORTH OF CENTERLINE  
 37' EAST OF CENTERLINE  
 50.80' NE OF SECTION CORNER  
 26' EAST OF SECTION LINE  
 ELEV = 1331.37' MWD29

**NOTE:** 18" RCP culverts to be utilized along 53rd Street entrances. These culverts will be removed upon 53rd Street improvements. Flow lines to match existing ditch grades.  
 No FEMA Special Flood Hazard Area lies on this property as of September 14, 2006.