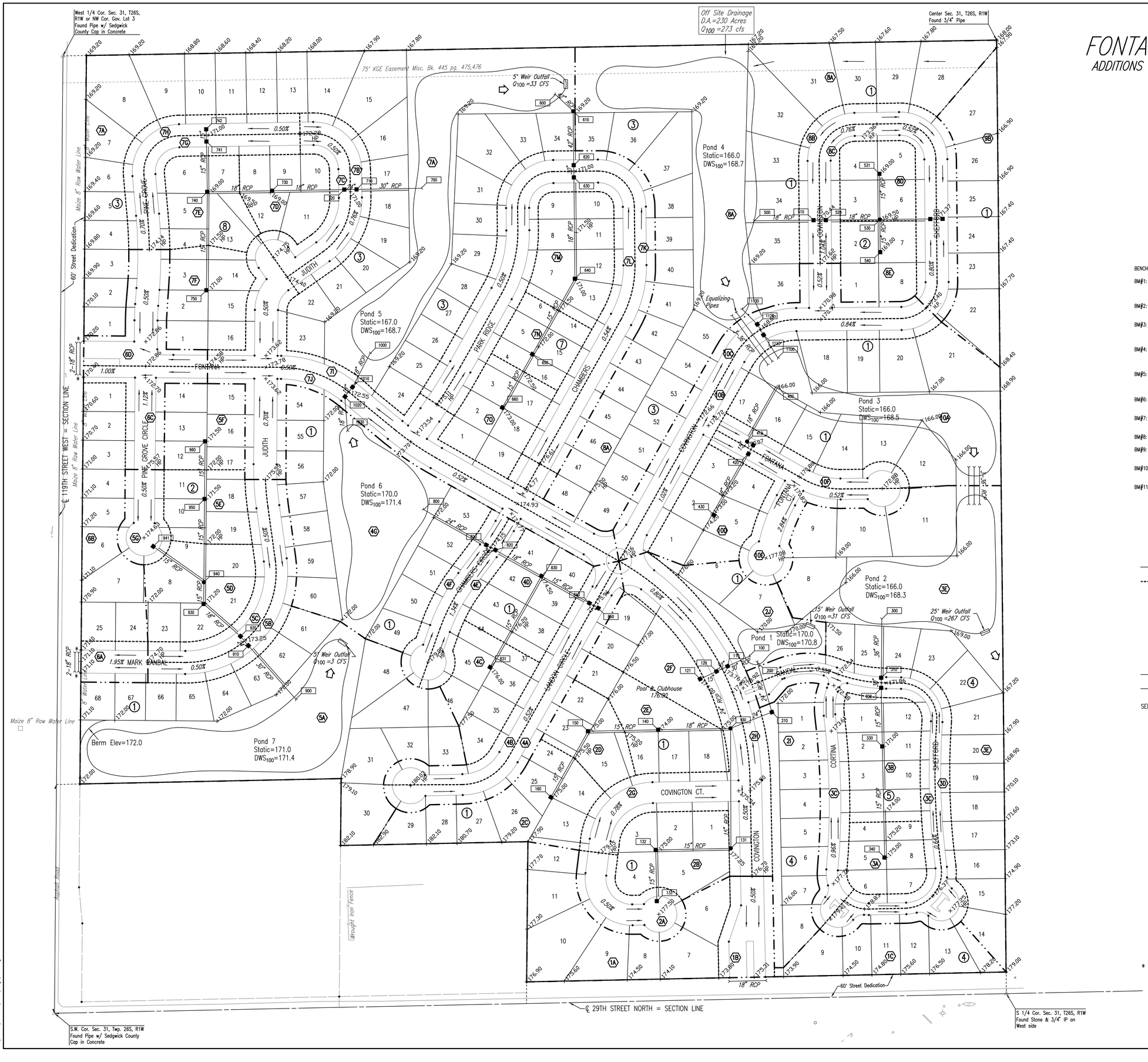
FONTANA & FONTANA 2ND

ADDITIONS TO WICHITA, SEDGWICK COUNTY, KANSAS

DRAINAGE PLAN



SCALE: 1" = 100'

● = 3/4" IRON PIPE W/PEC CAP UNLESS OTHERWISE NOTED

BENCHMARKS:

BM#1: C.O.W. DISK STAMPED "NO STAMP" ±22.0' S. OF S1/4 COR. SEC. 31, T26S, R1W.
ELEV. = 178.29 CITY DATUM
1365.69 N.G.V.D.

BM#2: SET "T" POST ±10' E. AND 10' N. OF S.E. COR. 5 ACRE EXCEPTION OR ±65' E. AND ±40'N. OF S.E. COR. GOV. LOT 4.
ELEV. = 176.39 CITY DATUM

BM#3: FOUND 60D STEP NAIL IN S.E. FACE OF POWER POLE ON THE N.W. COR. 119TH ST. WEST AND 29TH ST. N. ±36' N.W. OF S.W. COR. SEC. 31, T26S, R1W.
ELEV. = 174.92 CITY DATUM

BM#4: FOUND R.R. SPIKE IN W. FACE OF POWER POLE ON E. SIDE 119TH ST. WEST ADJACENT TO 3133 N. 119TH, OR ±18' S. AND ±28' E. OF THE N.W. COR. GOV. LOT 4.
ELEV. = 171.955 CITY DATUM

BM#5: SET R.R. SPIKE IN S. FACE S. POLE 2 POLE ELECTRIC LINE STRUCTURE ON E. SIDE 119TH ST. WEST OR ±9' S. AND 25' E. OF W1/4 COR. SEC. 31, T26S, R1W.
ELEV. = 171.135 CITY DATUM

BM#6: SET R.R. SPIKE IN S. FACE OF S. POLE 2 POLE ELECTRIC LINE STRUCTURE, 2ND STRUCTURE W. OF CENTER SEC. 31, T26S, R1W.
ELEV. = 168.755 CITY DATUM

BM#7: SET "T" POST IN PI DITCH BERM N-E, ±20' E. OF CENTER SEC. 31, T26S, R1W.
ELEV. = 168.93 CITY DATUM

BM#8: SET "T" POST ±15' S. OF N.W. COR. SW1/4, SEC. 31, T26S, R1W.
ELEV. = 169.43 CITY DATUM

BM#9: SET "T" POST ±70' W. AND ±75' S. OF N.E. COR. SW1/4, SE1/4, SEC. 31, T26S, R1W.
ELEV. = 163.705 CITY DATUM

BM#10: FOUND R.R. SPIKE IN POLE "NO USE" ON N. SIDE 29TH ST. N., BESIDE POWER POLE, ±130' E. OF DRIVE TO S. FOR 10825 W. 29TH ST. NORTH.
ELEV. = 163.57 CITY DATUM

BM#11: SET "T" POST ±75' S.S.E. OF CENTER PIVOT POINT IRRIGATION NEAR CENTER SW1/4 SEC. 31, T26S, R1W.
ELEV. = 175.165 CITY DATUM

LEGEND

- (A) BASIN IDENTIFIER
- MAJOR BASIN BOUNDARY
- MINOR BASIN BOUNDARY
- MAJOR STORM WATER OVERFLOW (Q100)
- MINOR STORM WATER FLOW (Q2)
- 130 NODE IDENTIFIER
- + 169.00 SPOT ELEVATION (CONCEPT ONLY)
- + 169.00 HP HIGH POINT ELEVATION (CONCEPT ONLY)
- STORM SEWER AND INLET
- STORM SEWER AND MANHOLE

SEE SUPPORTING CALCULATIONS FOR HYDROLOGY

FONTANA

MINIMUM OPENINGS	ELEVATION (N.G.V.D.)	City Datum
BLOCK 1		
LOTS 31, 47-68	1361.80	174.40
BLOCK 3		
LOTS 15-41, 55	1359.10	171.70
BLOCK 4		
LOTS 22-25	1358.70	171.30

FONTANA 2ND

MINIMUM OPENINGS	ELEVATION (N.G.V.D.)	City Datum
BLOCK 1		
LOTS 7-8	1361.20	173.80
LOTS 10-11	1358.70	171.30
LOTS 12-21	1358.90	171.50
LOTS 32-36	1359.10	171.70
BLOCK 2		
LOTS 1-8	1359.10	171.70

* Due to shallow ditches along 119th Street West, culvert pipes were sized to maintain existing roadside ditch conveyance.

REVISED 08-17-05

DSNR: BLB OPER: BLB SCALE: 1=100.00
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