

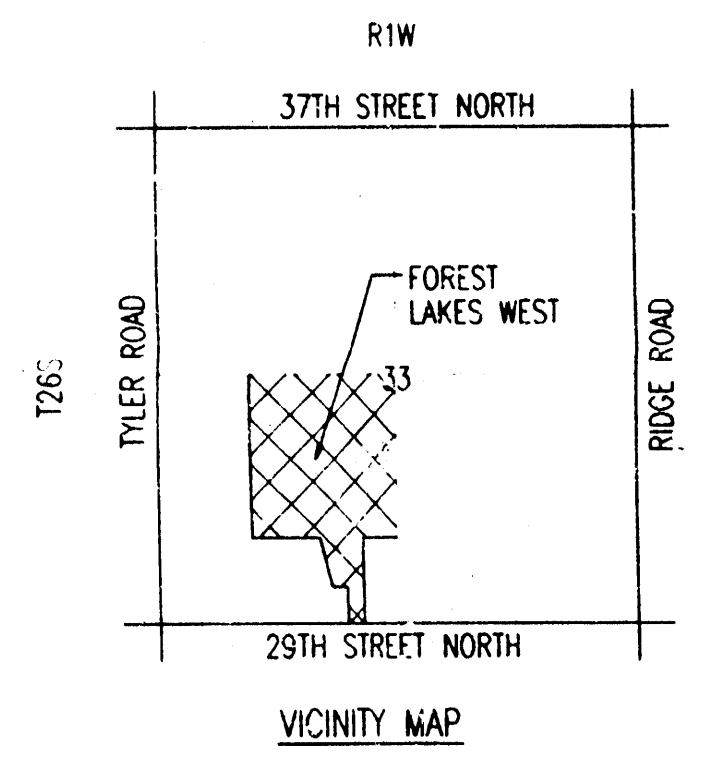
DRAINAGE PLAN FOR
FOREST LAKES WEST
AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS
DEVELOPER: BOOTHE AND SCHELLENBERG

N.W. Corner of Sec. 33 of the 6th T. 19 N. R. 14 W. 4000 No.

= IRON SET
SCALE: 1"=100'
2-14-97
TOPOGRAPHY DATE: JANUARY, 1997

B.M. - CHISELED "X" ON N.E. CORNER OF EAST HEADWALL OF R.O.S. UNDER RIDGE ROAD AT 202' NORTH OF EAST 1/4 CORNER, SEC. 4, T29S, R1W.
ELEV.=138.46 CITY DATUM
ELEV.=132.64 M.S.L.

B.M. - RAILROAD SPIKE IN POWER POLE, NORTHWEST SUBSTATION ADDITION.
ELEV.=1347.14 M.S.L.



CITY DATUM USED FOR ALL ELEVATIONS.
MEAN SEA LEVEL = CITY DATUM + 1187.4

THIS PLAN ASSUMES 3 5/8" ROLL CURB & WALK GRADE AT 0.5' ABOVE TOP OF CURB UNLESS NOTED.

ALL OF PEPPER RIDGE COURT IN BASINS 4B AND 4D SHALL HAVE 6 5/8" STANDARD CURB AND GUTTER WITH 0.7' WALK GRADE.

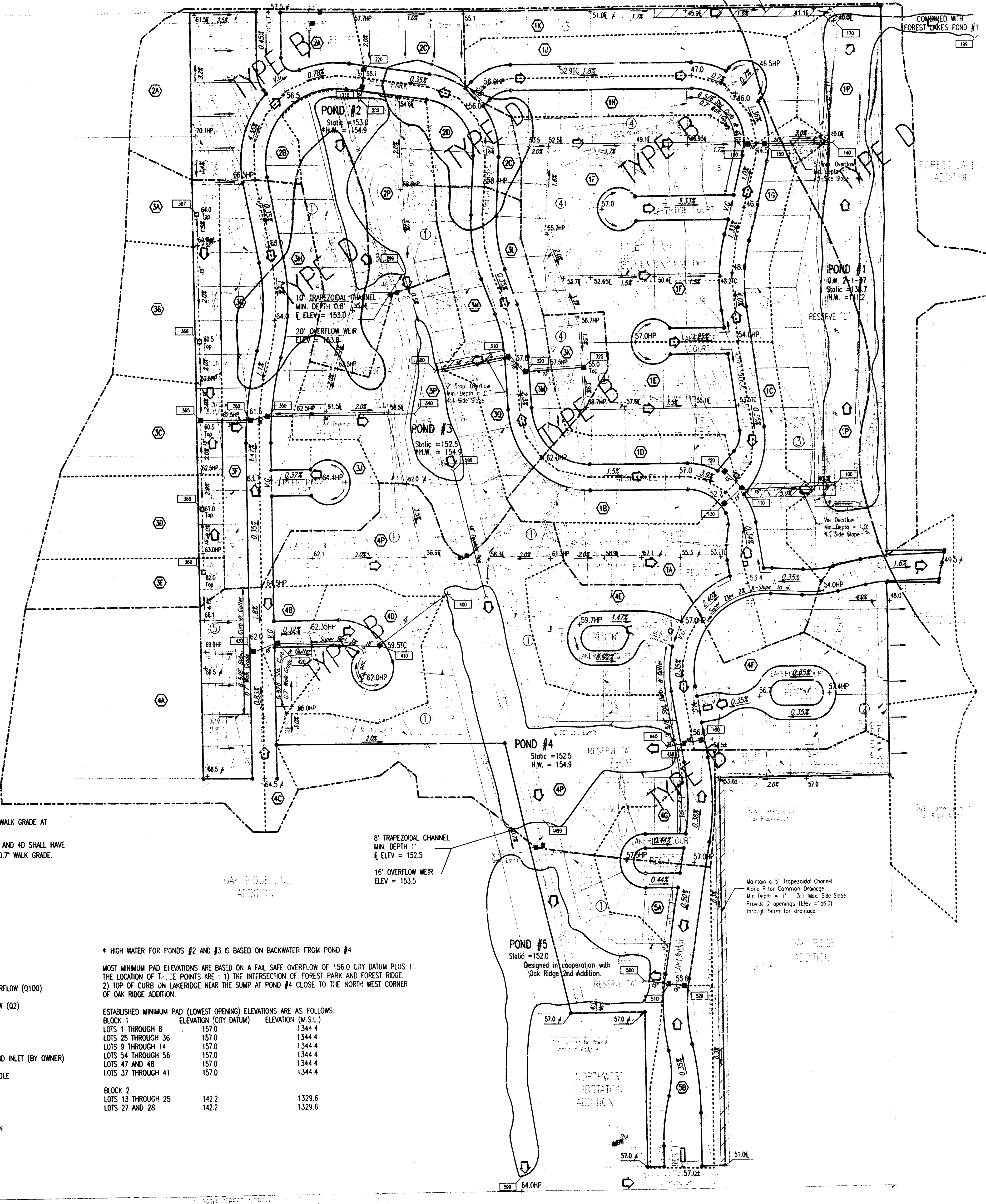
- LEGEND**
- SOIL GROUP BOUNDARY
 - BASIN IDENTIFIER
 - MINOR BASIN BOUNDARY
 - MAJOR BASIN BOUNDARY
 - MAJOR STORM WATER OVERFLOW (3100)
 - MINOR STORM WATER FLOW (02)
 - NODE IDENTIFIER
 - STORM SEWER AND INLET
 - PRIVATE STORM SEWER AND INLET (BY OWNER)
 - STORM SEWER AND MANHOLE
 - 156 S'OT ELEVATION
 - 156HP HIGH POINT ELEVATION
 - 156 # MATCH EXISTING ELEVATION

* HIGH WATER FOR PONDS #2 AND #3 IS BASED ON BACKWATER FROM POND #4

MOST MINIMUM PAD ELEVATIONS ARE BASED ON A FAIR SAFE OVERFLOW OF 156.0 CITY DATUM PLUS 1'. THE LOCATION OF THESE POINTS ARE: 1) THE INTERSECTION OF FOREST PARK AND FOREST RIDGE. 2) TOP OF CURB ON LAKERIDGE NEAR THE SUMP AT POND #4 CLOSE TO THE NORTH WEST CORNER OF OAK RIDGE ADDITION.

ESTABLISHED MINIMUM PAD (LOWEST OPENING) ELEVATIONS ARE AS FOLLOWS:

BLOCK	LOTS	ELEVATION (CITY DATUM)	ELEVATION (M.S.L.)
BLOCK 1	LOTS 1 THROUGH 8	157.0	1344.4
	LOTS 25 THROUGH 36	157.0	1344.4
	LOTS 9 THROUGH 14	157.0	1344.4
	LOTS 54 THROUGH 56	157.0	1344.4
	LOTS 47 AND 48	157.0	1344.4
BLOCK 2	LOTS 13 THROUGH 25	142.2	1329.6
	LOTS 27 AND 28	142.2	1329.6



01/1997/97004/DRAINPLAN 06-05-1997 12:57:05 pm

FOREST LAKES ADDITION TO SEDGWICK COUNTY, KANSAS

SOIL BORING TABLE

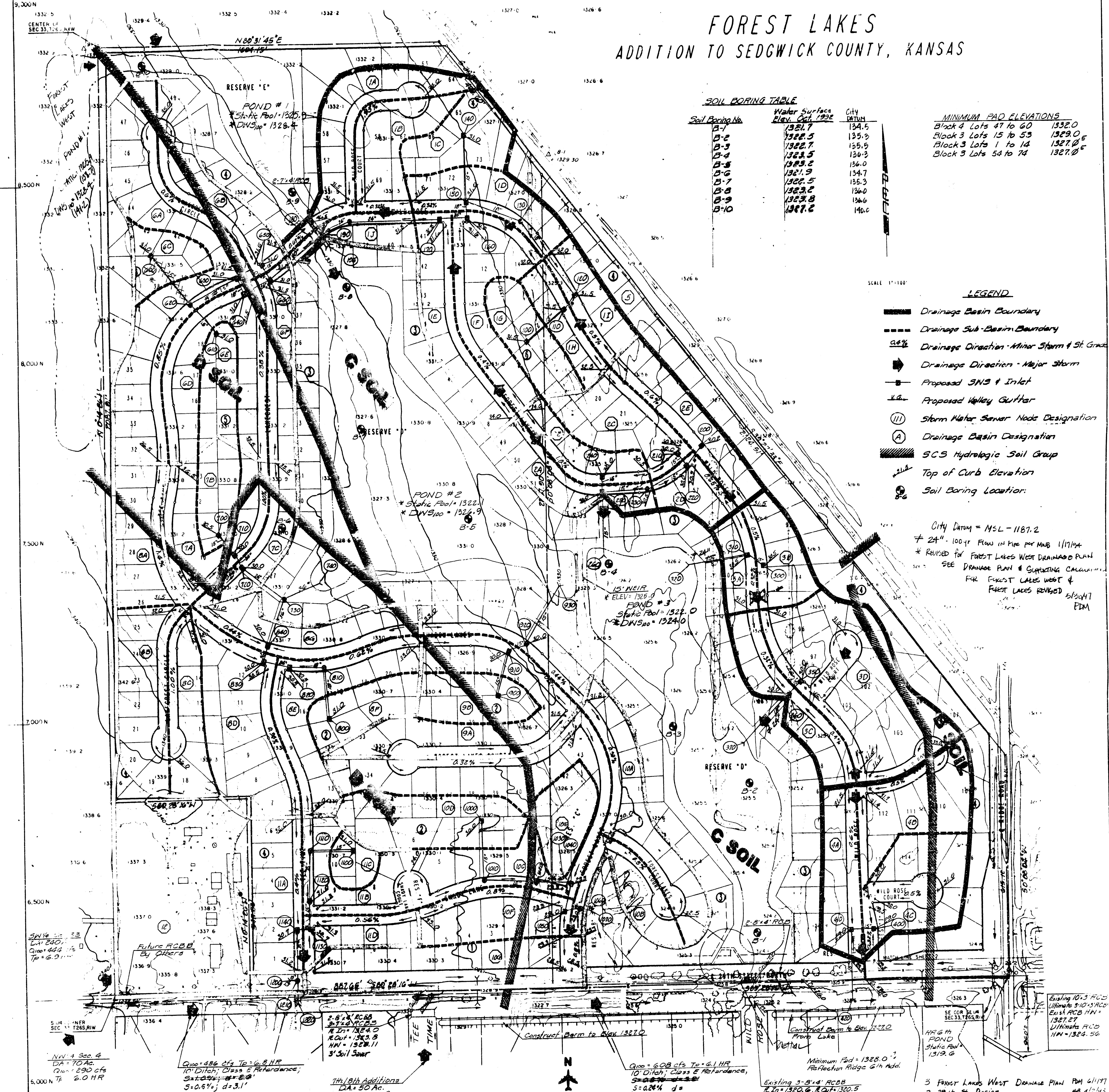
Soil Boring No.	Water Surface Elev. Oct. 1952	CITY DATUM
B-1	1321.7	134.5
B-2	1322.5	135.3
B-3	1322.7	135.5
B-4	1323.5	136.3
B-5	1323.5	136.0
B-6	1321.5	134.7
B-7	1322.5	135.5
B-8	1322.2	136.0
B-9	1322.8	136.6
B-10	1317.2	140.0

MINIMUM PAD ELEVATIONS
Block 4 Lots 47 to 60 1332.0
Block 3 Lots 15 to 53 1329.0
Block 3 Lots 1 to 14 1327.0
Block 3 Lots 54 to 74 1327.0

LEGEND

- Drainage Basin Boundary
- Drainage Sub-Basin Boundary
- Drainage Direction - Minor Storm & St. Grace
- Drainage Direction - Major Storm
- Proposed SWS & Inlet
- Proposed Valley Gutter
- Storm Water Sewer Node Designation
- Drainage Basin Designation
- SCS Hydrologic Soil Group
- Top of Curb Elevation
- Soil Boring Location

City Datum = MSL - 1187.2
24" - 100 ft Flow in Pipe per MMB 1/17/54
* REVISED FOR FOREST LAKES WEST DRAINAGE PLAN
SEE DRAINAGE PLAN & EXISTING CALCULATIONS
FOR FOREST LAKES WEST &
FOREST LAKES REVISED 5/13/67
PDM



TOPOGRAPHIC MAP OF LAKE LOODING AT
SE CORNER SECTION 36, T.15S, R.11E
SEDGWICK COUNTY, KANSAS
CURRENTLY A LAKES PLAN
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
200 S. WILSON ST. WICHITA, KS 67202
U 100 200 300
1:1250

3 Forest Lakes West Drainage Plan PM 4/1/77
2 29th St. Design AB 4/15/76
1 Supplemental Drainage Study 5/10/76
Date _____
By _____

**DRAINAGE PLAN
FOREST LAKES**
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
WICHITA, KANSAS
Designed by: M.H.M. 200 ft.
Reviewed by: J.B.B.

FOUR CORNER LOT GRADING PLAN FOR
FOREST LAKES WEST
 AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS
 DEVELOPER: BOOTHE AND SCHELLENBERG

IRON SET
 SCALE: 1"=100'
 2-14-97
 TOPOGRAPHY DATE: JANUARY, 1997
 B.M. - CHECKED "S" ON N.E. CORNER OF EAST HEADWALL
 OF RCB UNDER RIDGE ROAD AT 200' NORTH OF
 EAST 1/4 CORNER, SEC. 4, T27S, R1W
 ELEV. = 1325.64 CITY DATUM
 ELEV. = 1325.64 M.S.L.
 B.M. - RAILROAD SPIKE IN POWER POLE, NORTHWEST
 SUBSTATION ADDITION
 ELEV. = 1347.14 M.S.L.

RIW
 37TH STREET NORTH
 RIDGE ROAD
 29TH STREET NORTH
 VICINITY MAP

CITY DATUM USED FOR ALL ELEVATIONS.
 MEAN SEA LEVEL = CITY DATUM + 1187.4
 THIS PLAN ASSUMES 3 5/8" ROLL CURB & GUTTER.
 WALK GRADE AT 0.5' ABOVE TOP OF CURB UNLESS NOTED.
 SEE STREET DESIGN PLANS FOR MORE DETAILED & UPDATED STREET GRACES.
 SEE SANITARY SEWER PLANS FOR MORE DETAILED & UPDATED FLOWLINE DATA.

LEGEND

STORM SEWER AND INLET
 STORM SEWER AND MANHOLE
 PRIVATE STORM SEWER AND INLET (BY OWNER)
 PROPOSED SANITARY SEWER
 PROPOSED WATERLINES
 VIEWOUT BASEMENT
 WALKOUT BASEMENT
 POSSIBLE WALKOUT BASEMENT
 POSSIBLE WALKOUT BASEMENT
 FULL FOUNDATION
 4 CORNER LOT ELEVATION
 (ADD 100 FOR CITY DATUM)
 H.P. HIGH POINT
 MATCH EXISTING
 FLOW LINE (DITCH)
 TC TOP OF CURB

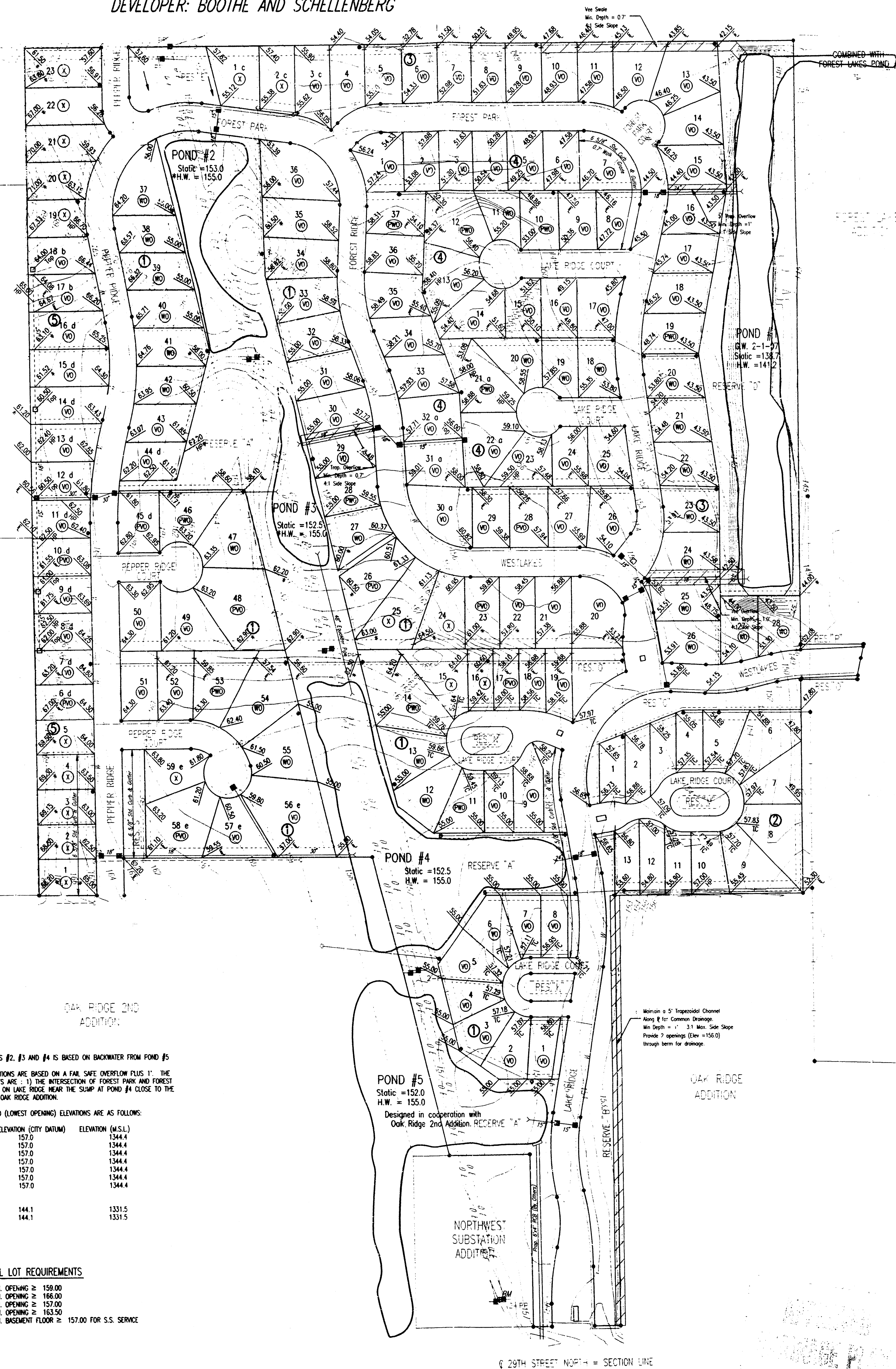
* HIGH WATER FOR PONDS #2, #3 AND #4 IS BASED ON BACKWATER FROM POND #5
 MOST JANUARY PAD ELEVATIONS ARE BASED ON A FAN SAFE OVERFLOW PLUS 1' THE
 LOCATION OF THESE POINTS ARE: 1) THE INTERSECTION OF FOREST PARK AND FOREST
 RIDGE, 2) TOP OF CURB ON LAKE RIDGE NEAR THE SWAMP AT POND #4 CLOSE TO THE
 NORTHWEST CORNER OF OAK RIDGE ADDITION.

ESTABLISHED MINIMUM PAD (LOWEST OPENING) ELEVATIONS ARE AS FOLLOWS:

BLOCK	LOTS	ELEVATION (CITY DATUM)	ELEVATION (M.S.L.)
BLOCK 8	LOTS 1 THROUGH 8	157.0	1344.4
BLOCK 25	LOTS 25 THROUGH 36	157.0	1344.4
BLOCK 9	LOTS 9 THROUGH 14	157.0	1344.4
BLOCK 54	LOTS 54 THROUGH 56	157.0	1344.4
LOT 47	LOT 47	157.0	1344.4
BLOCK 37	LOTS 37 THROUGH 41	157.0	1344.4
LOT 48	LOT 48	157.0	1344.4
BLOCK 3	LOTS 13 THROUGH 25	144.1	1331.5
BLOCK 27	LOTS 27 AND 28	144.1	1331.5

ADDITIONAL LOT REQUIREMENTS

o - MIN. OPENING ≥ 159.00
 b - MIN. OPENING ≥ 166.00
 c - MIN. OPENING ≥ 157.00
 d - MIN. OPENING ≥ 163.50
 e - MIN. BASEMENT FLOOR ≥ 157.00 FOR S.S. SERVICE



@ 29TH STREET NORTH = SECTION LINE

FOREST LAKES

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

