

N.W. 1/4, SEC. 26, T. 21 N., R. 4 E., W.M.

BLOCK 54 (PRESSURE ZONE 578, MAX. HEAD 577, MIN. HEAD 557)				
LOT NO.	LOWEST FIXTURE ELEV. (FT.)	HIGHEST FIXTURE ELEV. (FT.)	ESTIMATED MIN. STATIC PRESSURE (PSI.)	ESTIMATED MAX. STATIC PRESSURE (PSI.)
18	436.00'	451.00'	46	61
19	438.00'	453.00'	45	60
20	440.00'	455.00'	44	59
10	444.00'	459.00'	42	57
11	444.00'	459.00'	42	57
12	442.00'	457.00'	43	58
13	440.00'	455.00'	44	59
14	440.00'	455.00'	44	59
15	440.00'	455.00'	44	59

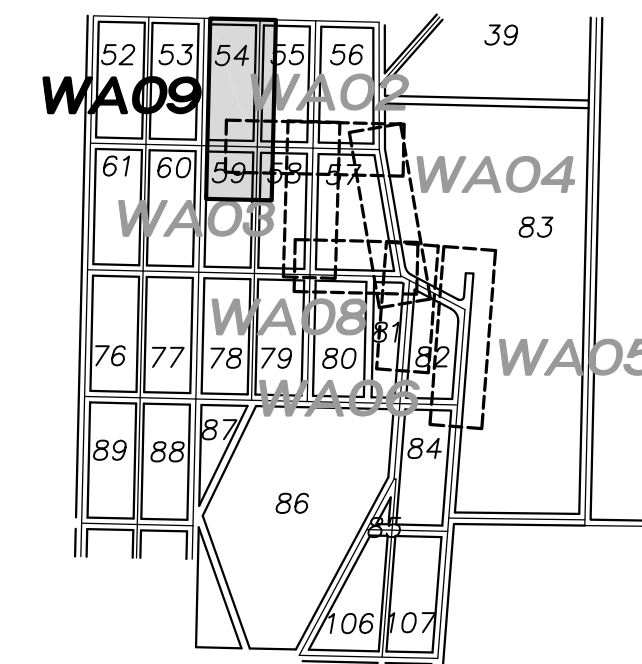
BLOCK 58 (PRESSURE ZONE 538, MAX. HEAD 537, MIN. HEAD 517)				
LOT NO.	LOWEST FIXTURE ELEV. (FT.)	HIGHEST FIXTURE ELEV. (FT.)	ESTIMATED MIN. STATIC PRESSURE (PSI.)	ESTIMATED MAX. STATIC PRESSURE (PSI.)
3	426.00'	441.00'	33	48
4	426.00'	441.00'	33	48
5	424.00'	439.00'	34	49
6	424.00'	439.00'	34	49
7	424.00'	439.00'	34	49
8	422.00'	437.00'	35	50

BLOCK 59 (PRESSURE ZONE 538, MAX. HEAD 537, MIN. HEAD 517)				
LOT NO.	LOWEST FIXTURE ELEV. (FT.)	HIGHEST FIXTURE ELEV. (FT.)	ESTIMATED MIN. STATIC PRESSURE (PSI.)	ESTIMATED MAX. STATIC PRESSURE (PSI.)
1	436.00'	451.00'	29	44
2	434.00'	449.00'	30	45

LEGEND

- EX. ASPHALT PAVEMENT
- EX. GRAVEL PAVEMENT
- EX. WATER MAIN
- NEW ASPHALT PAVEMENT
- NEW CONC. SIDEWALK
- 8" D.I. NEW WATER MAIN
- NEW GATE VALVE
- NEW F.H. ASSEMBLY
- NEW WATER BEND W/ CONC. BLOCKING
- NEW WATER TEE W/ CONC. BLOCKING
- NEW WATER METER
- EX. CONTOUR
- FINISHED CONTOUR
- BLOCK NUMBER



KEY MAP  
SCALE: 1" = 1000'

VERTICAL DATUM:

NAVD 88

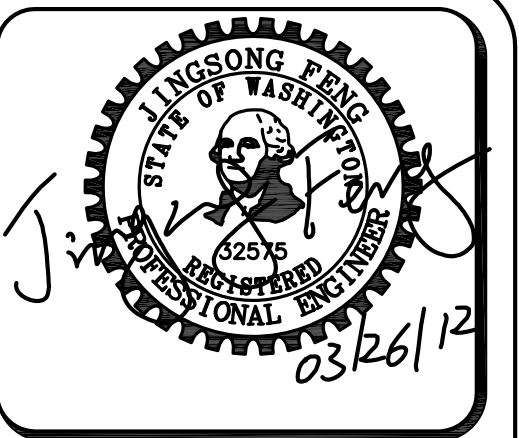
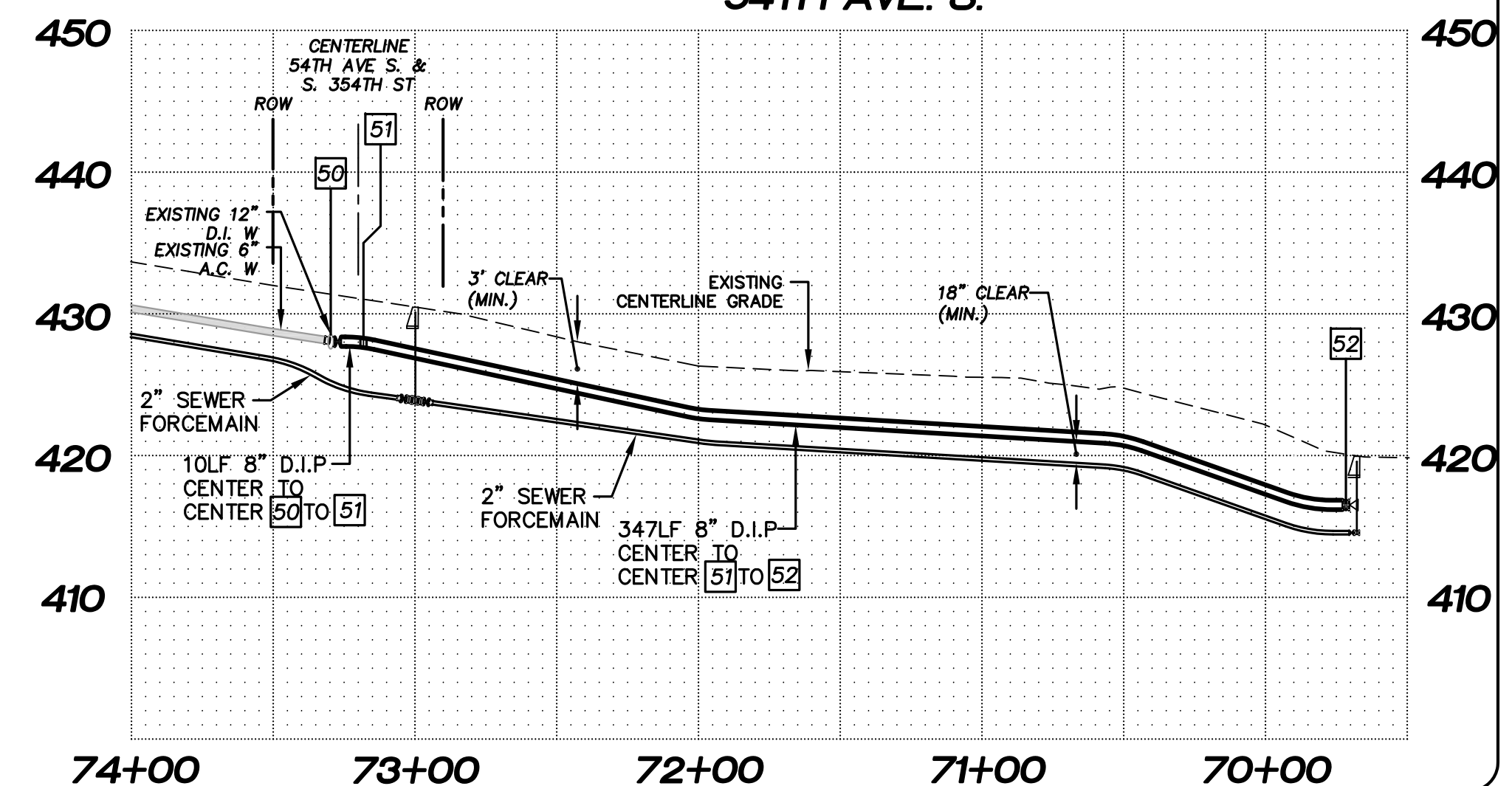
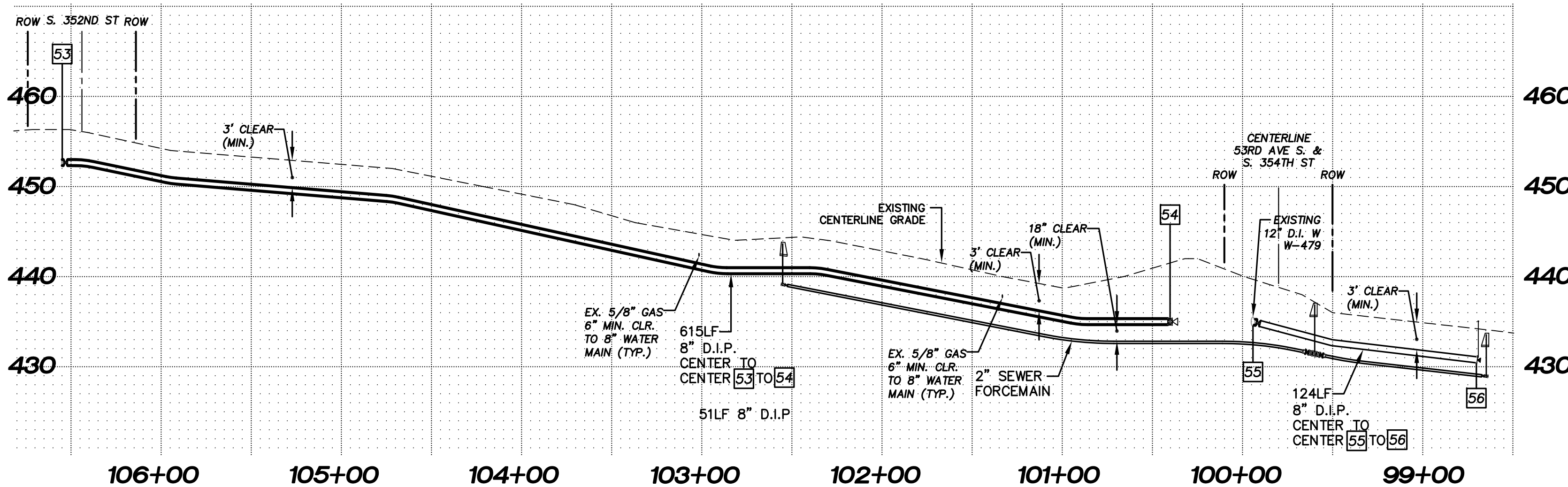
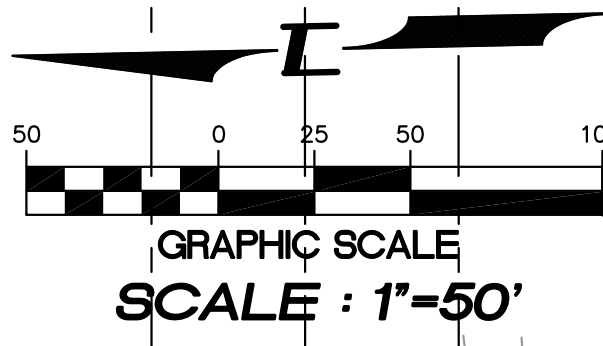
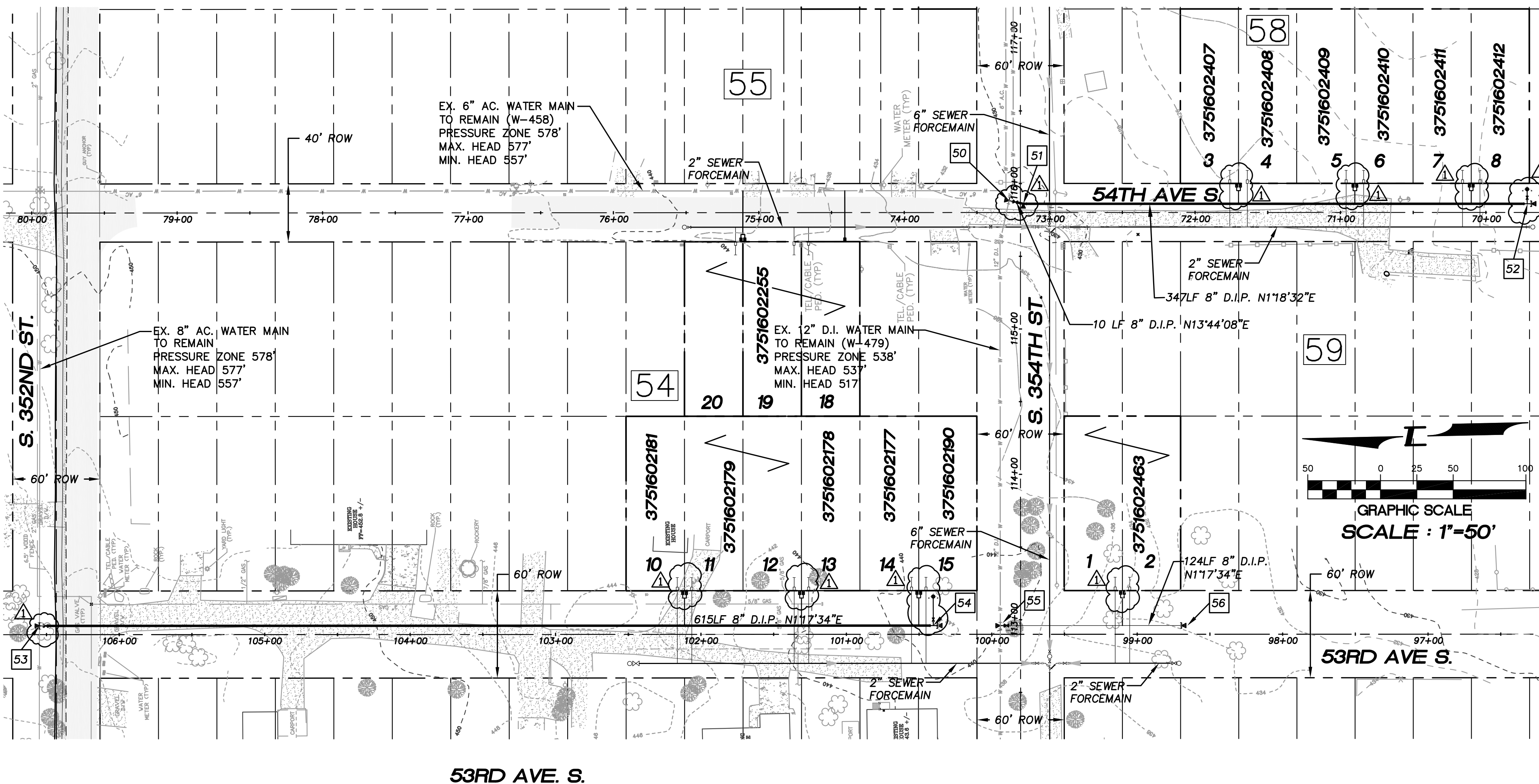
BENCH MARK:

KING COUNTY SURVEY CONTROL POINT No. 6905, SW CORNER OF SECTION 27, T 24 N, R 4 E, W.M., CONCRETE MONUMENT WITH LEAD AND BRASS TACK, SET 1.2 FEET BELOW GRADE, IN STANDARD KC MON. CASE.

ELEVATION = 367.06

NOTE:

- ALL SEWER FORCEMAIN PIPES ARE DR-11 HDPE PIPES. THE SEWER FORCEMAIN SHALL HAVE 10' MINIMUM HORIZONTAL CLEARANCE BETWEEN WATERMAIN. WHEN CROSSING WITH WATERMAIN, THE SEWER FORCEMAIN SHALL CROSS UNDER AND KEEP MINIMUM 18" VERTICAL CLEARANCE FROM THE WATERMAIN. IF THE EXISTING WATERMAIN IS AC PIPE, IT SHALL BE REPLACED WITH SAME SIZE DUCTILE IRON PIPE 10 FEET EACH SIDE OF SEWER CROSSING BUT NO LESS THAN 2 FEET INTO BOTH TRENCH WALLS (NO CDF CRADLE ALLOWED).
- WATERMAINS DEPICTED IN PROFILE VIEW TO HAVE MINIMUM 3' COVER. WATERMAIN VALVE OPERATING NUT TO HAVE 12" COVER.
- LOCATIONS OF EXISTING UTILITIES ARE BASED ON FIELD SURVEY DATA. POTHOLE/RESEARCH EXISTING WATERMAIN AND OTHER UTILITIES BEFORE CONSTRUCTION.
- ALL NEW WATERMAINS ARE DUCTILE IRON PIPES WITH MINIMUM CLASS 50.
- ALL NEW SERVICES TO INDIVIDUAL LOTS ARE 1" (SERVICE & METER) W/ 8" x 2" REDUCER BUSHINGS. ALL WATER METERS TO BE INSTALLED BY LAKEHAVEN FOLLOWING COMPLETION OF NEW WATERMAIN CONSTRUCTION. UNDER SEPARATE APPLICATIONS, ANY WATER SERVICE CONNECTIONS PROPOSED FROM EXISTING WATERMAIN SHALL BE ENTIRELY INSTALLED BY LAKEHAVEN. DEVELOPER SHOULD SUBMIT APPLICATIONS FOR THESE 'FULL' SERVICE INSTALLATIONS TO LAKEHAVEN AT THE COMMENCEMENT OF CONSTRUCTION.
- FIELD LOCATE EXISTING 6" WATER MAIN, REROUTE WATER MAIN AROUND NEW STORM STRUCTURES AND PIPES AS REQUIRED FOR CONSTRUCTION. (MIN. 10' EACH SIDE STORM DRAIN CROSSINGS.)
- SALVAGE EXISTING WATER METERS TO LAKEHAVEN UTILITY DISTRICT.
- RELOCATE EXISTING GATE VALVE AND VALVE BOX BEHIND SIDEWALK AND EXISTING VALVE BOX RIMS TO BE ADJUSTED TO GRADE. EX. HYDRANT TO REMAIN.
- THE MINIMUM SEPARATION BETWEEN (PARALLEL PIPELINES) WATER MAIN, WATER SERVICE LINE AND PRESSURE SEWER FACILITIES (MUST BE BELOW WATER MAIN OR WATER SERVICE) MUST BE MET, ARE AS FOLLOWS: HORIZONTAL  $\geq$  10' MEASURED EDGE TO EDGE VERTICAL  $\geq$  18", MEASURED EDGE TO EDGE.
- THE MINIMUM SEPARATION BETWEEN (CROSSING PIPELINES) WATER MAIN, WATER SERVICE LINE AND PRESSURE SEWER FACILITIES (MUST BE BELOW WATER MAIN OR WATER SERVICE) MUST BE MET, ARE AS FOLLOWS: VERTICAL  $\geq$  18" MEASURED EDGE TO EDGE.
- LAKE HAVEN CREWS ARE REQUIRED TO INSTALL ALL SERVICE LINES FROM EXISTING ACTIVE MAINS



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LAKEHAVEN UTILITY DISTRICT PROJECT No. 6304025  
PEPPER HILL ESTATES  
KING COUNTY, WA.  
FOR: HIGHLAND PACIFIC HOUSING GROUP I, LLC  
1420 5TH AVE SUITE 2200  
SEATTLE, WA 98101-5346  
PHONE: (206) 521-5979 FAX: (206) 254-2880

PROJECT NO.: 05052  
DRAWN BY: JGC  
ISSUE DATE: 07-31-07  
SHEET REV.: 03-26-2012

WATER SERVICES  
53RD AVE. S.  
AND 54TH AVE. S.  
PLAN

05052WA09-WA09.DWG  
**WA09**