

REVISIONS:

- 5 1-6" ISOLATION GATE VALVE W/BOX
- 6 2-6" ISOLATION GATE VALVE W/BOX
1-6" FORCE MAIN CLEANOUT W/PIG PORT #2
1-6" HDPE DR 11 SPOOL
- 7 1-6" ISOLATION GATE VALVE W/BOX
- 1 REPLACE EX. 12" A.C. WATER, INSTALL
20LF 12" D.I. CL50 WATER 10 FEET
BOTH SIDES OF SEWER CROSSING.

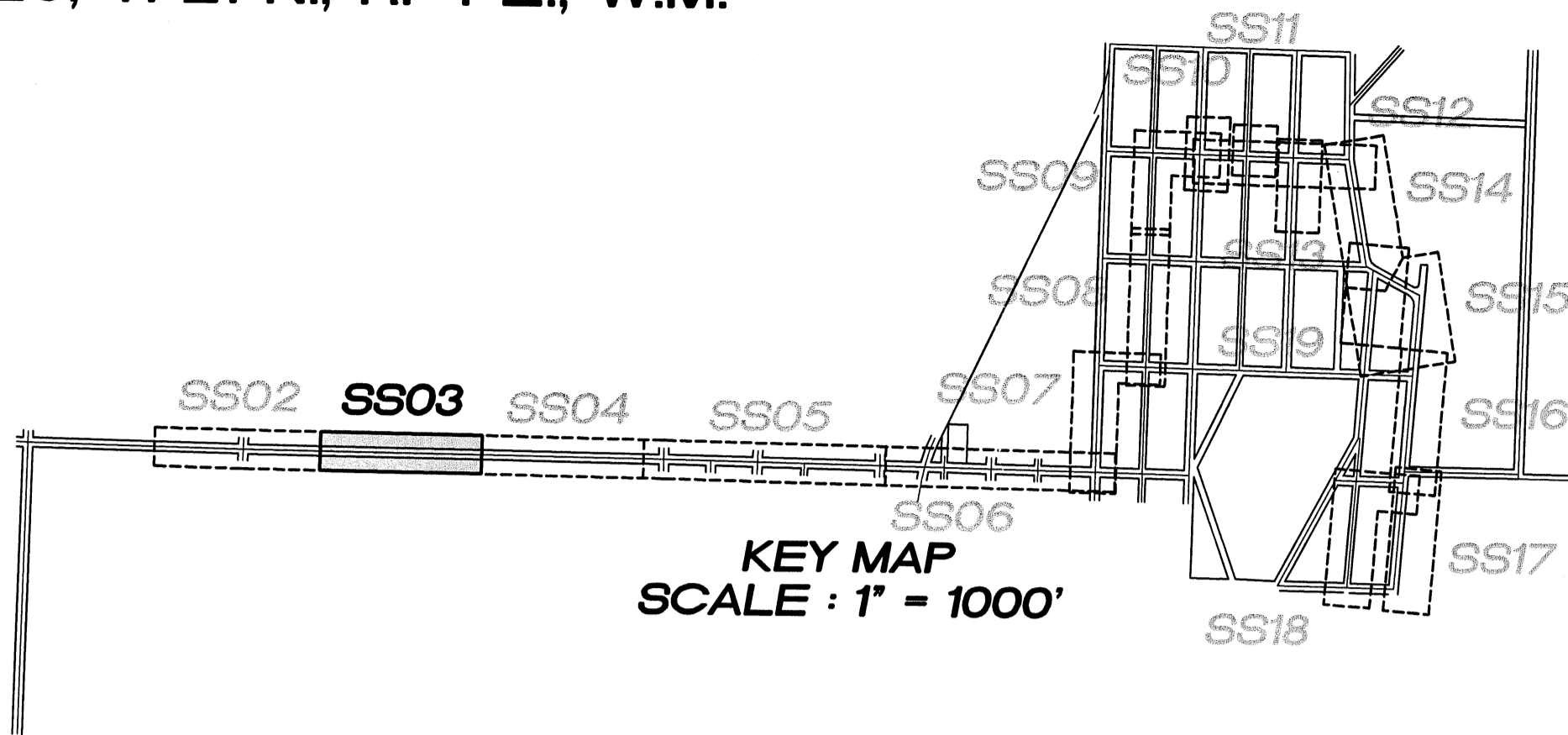
N.W. 1/4, SEC. 26, T. 21 N., R. 4 E., W.M.

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

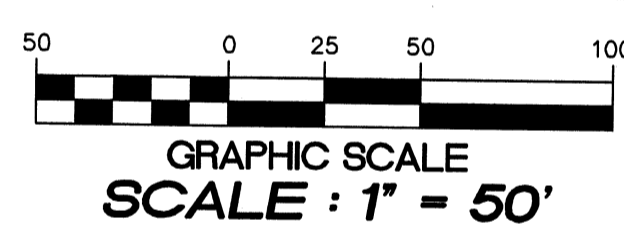
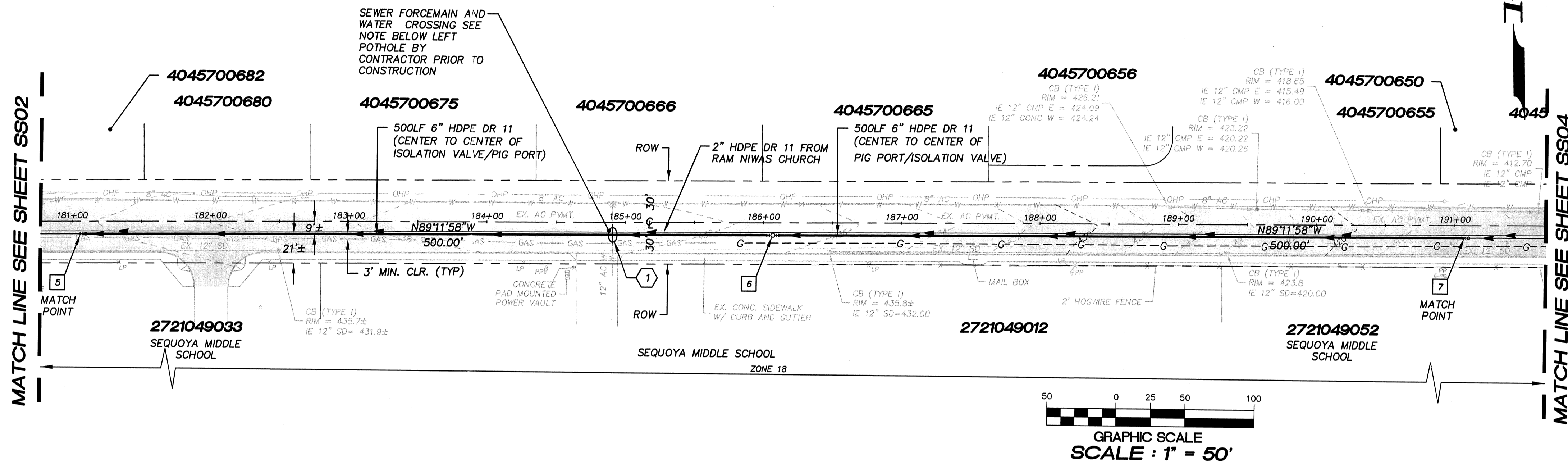


LAKEHAVEN UTILITY DISTRICT
 O Water Plan
 Dated **8/24/10** Sewer Plan
 APPROVED FOR CONSTRUCTION
 SUBJECT TO CHANGES NOTED
 The District's review is not a check of any dimension or quantities and will not relieve the Developer from responsibility for errors of any sort. No changes shall be made in the plans except by the consent of the District.
 General Manager/District Engineer *[Signature]* Date **9/23/10**
 This construction plan will expire one year from plan approval date, if construction has not commenced.

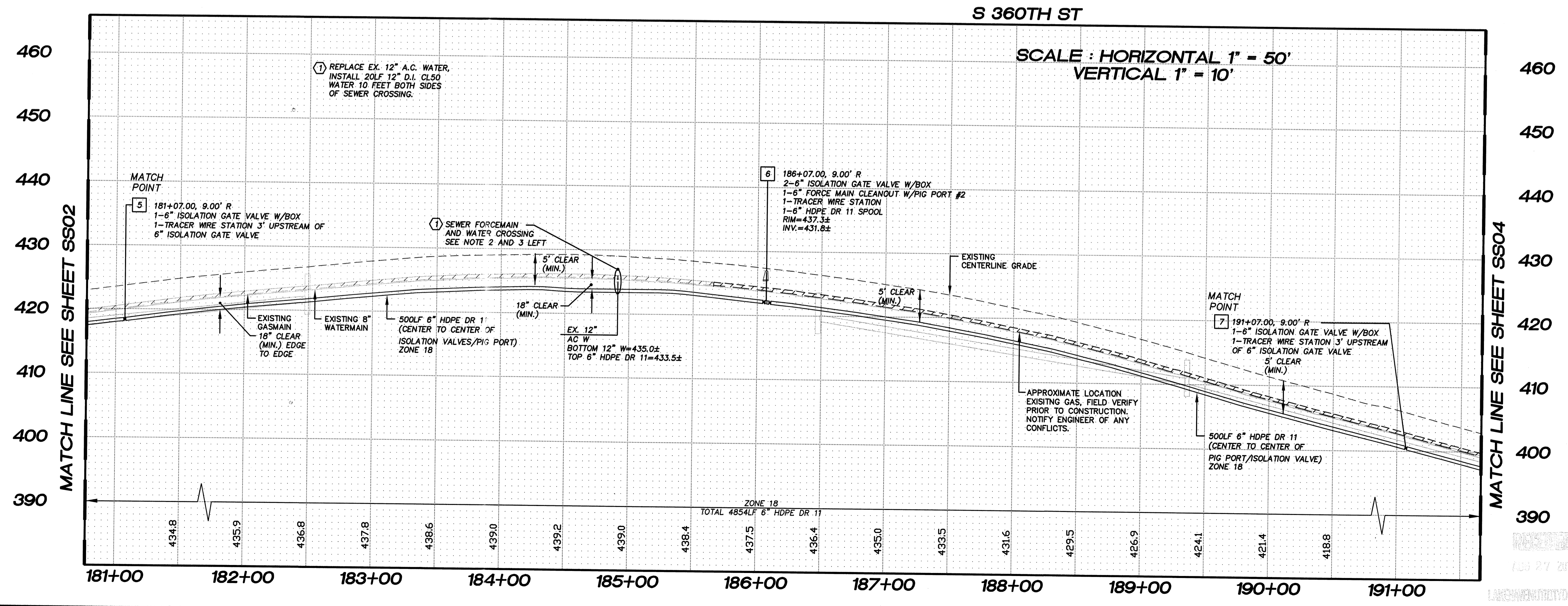


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Pacific Engineering Design, LLC
 Civil Engineering and Planning Consultants



- NOTES :
- 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 >=10' MEASURED EDGE TO EDGE VERTICAL >=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: HORIZONTAL >=3' MEASURED EDGE TO EDGE VERTICAL >=6" MEASURED EDGE TO EDGE.
 - IF THE EXISTING WATER 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).
 - LOCATION OF EXISTING UNDERGROUND UTILITIES WAS PROVIDED BY UTILITY LOCATE AND BY AS BUILT RECORDS. UTILITY PAINT MARKS WERE FIELD SURVEYED BY CES NW INC.
 - OTHER UTILITY SEPARATION BETWEEN PRESSURE SEWER FACILITIES MUST BE MET, ARE AS FOLLOWS: HORIZONTAL >=3' MEASURED EDGE TO EDGE VERTICAL >=6" MEASURED EDGE TO EDGE.
 - FOR PARCELS IN PEPPER HILL ESTATES AREAS, EXISTING PARCEL NUMBERS AND LOT NUMBERS WILL BE UPDATED AFTER BOUNDARY LINE ADJUSTMENTS ARE RECORDED.
 - ALL CLEANOUTS W/PIG PORTS ARE USED AS TRACE WIRE STATIONS.
 - FRAMES AND COVERS FOR CLEANOUTS/PIGPORTS NOT SUBJECT TO VEHICULAR TRAFFIC SHALL BE SET 6" ABOVE FINISHED GRADE AND BE PROTECTED BY VALVE BOX PROTECTIVE PADS.
 - INSTALL APPROXIMATELY 4300 LF± OF 2" HDPE DR11 FORCEMAIN AT THE SAME TRENCH OF THE 6" HDPE DR11 FORCEMAIN FROM SSMH #10 (S-1727) TO THE RAM NIWAS CHURCH. HORIZONTAL SEPARATION BETWEEN 2" AND 6" FORCEMAINS SHOULD BE 2'± AND AS CONSISTENT AS POSSIBLE. PIPE CROWN ELEVATIONS SHOULD MATCH. TRACER WIRE AND TRACER WIRE STATIONS ONLY APPLY TO THE 6" FORCEMAIN.



LAKEHAVEN UTILITY DISTRICT PROJECT No. 6904025
 PEPPER HILL ESTATES
 KING COUNTY, WA.
 FOR: PACIFIC HOUSING GROUP I, LLC
 520 5TH AVE, SUITE 2200
 SEATTLE, WA 98101
 PHONE: (206) 521-5979 FAX: (206) 224-2880

PROJECT NO.: 05052
 DRAWN BY: JGC
 ISSUE DATE: 09-30-05
 SHEET REV.: 08-24-10

FORCE MAIN
 SANITARY SEWER
 S 360TH ST
 STA. 181+07.00 TO
 STA. 191+07.00
 PLAN AND PROFILE

05052SS03.DWG
SS03