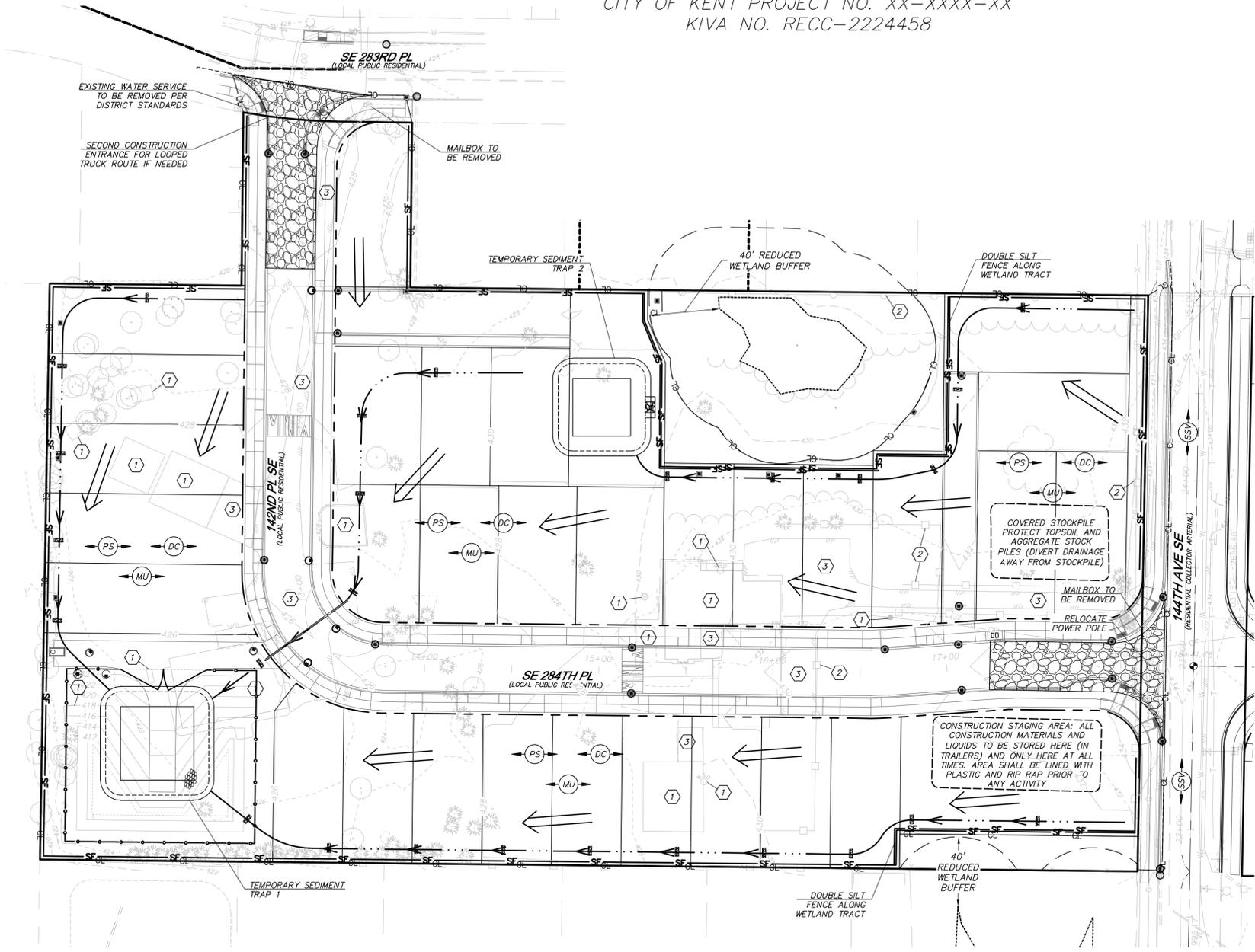


SE 1/4 SECTION 34, TOWNSHIP 22 N, RANGE 5 E, W.M.  
**BIGGERSTAFF-ADAMSON PLAT**

CITY OF KENT PROJECT NO. XX-XXXX-XX  
 KIVA NO. RECC-2224458



- T.E.S.C. LEGEND:**
- CL CONSTRUCTION LIMITS, TO BE FLAGGED OR FENCED WHEN NO SILT FENCE IS PROPOSED
  - SF SILT FENCE PER CITY OF KENT STANDARD DETAIL 5-31
  - STABILIZED CONSTRUCTION ENTRANCE
  - DC DUST CONTROL
  - MU MULCHING, MATTING, & COMPOST BLANKETS
  - O INLET PROTECTION
  - PS PERMANENT SEEDING AND PLANTING
  - PC PLASTIC COVERING
  - SSV STREET SWEEPING & VACUUMING
  - W/B NETS/BLANKETS
  - INTERCEPTOR SWALE
  - ROCK CHECK DAM EVERY 50'
  - 12" TEMPORARY CULVERT
  - 1 REMOVE EXISTING STRUCTURE
  - 2 REMOVE EXISTING FENCE
  - 3 REMOVE EXISTING DRIVEWAY

**GENERAL EROSION CONTROL NOTES**

- SEE DRAWING C2 FOR CITY OF KENT STANDARD TEMPORARY EROSION AND SEDIMENT CONTROL NOTES.
- TEMPORARY STOCKPILING SHALL BE PROTECTED PER CITY OF KENT STANDARD DETAIL 5-35.
- CONSTRUCTION STAGING AREA: ALL CONSTRUCTION MATERIALS AND LIQUIDS TO BE STORED (IN TRAILERS) AND ONLY IN THE ALLOTTED LOCATION AT ALL TIMES. AREA SHALL BE LINED WITH PLASTIC AND RIP RAP PRIOR TO ANY ACTIVITY.

**EXISTING SURVEY MONUMENT NOTE:**

EXISTING SURVEY MONUMENTS SHALL BE PROTECTED DURING CONSTRUCTION. ANY DISTURBANCE OF EXISTING SURVEY MONUMENTS MUST BE DONE UNDER STATE DNR PERMIT.

**TREE REMOVAL NOTE:**

ALL TREES WITHIN CLEARING LIMITS TO BE REMOVED. ARBORIST TO BE ONSITE TO EVALUATE TREES ALONG THE WEST PROPERTY LINE FOR POTENTIAL TREE RETENTION.

**WETLAND MITIGATION NOTE:**

SILT FENCE SHOWN FOR WETLAND MITIGATION ACCORDINGLY. CONTRACTOR TO COORDINATE WITH PROJECT BIOLOGIST FOR APPROPRIATE LOCATION AND ANY ADDITIONAL EROSION PROTECTION FOR THE AREA ACCORDINGLY.

**DEMOLITION PERMIT NOTE:**

THE REMOVAL OF THE EXISTING HOUSES ON SITE WILL BE DONE UNDER A SEPARATE DEMOLITION PERMIT TO BE OBTAINED FROM THE CITY.

**SEDIMENT TRAP 1 SIZING SUMMARY:**

THE TRAP WAS SIZED USING THE REQUIREMENTS STATED IN APPENDIX D OF THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL WHICH REQUIRES 2,080 S.F. OF SURFACE AREA PER CFS OF INFLOW; DEVELOPED 2-YEAR STORM, 15-MIN. TIME STEPS.

CATCHMENT AREA:	2,999 AC.
2-YEAR PEAK FLOW RATE:	0.796 CFS
REQUIRED SURFACE AREA:	1,656 S.F.
PROVIDED SURFACE AREA:	1,782 S.F.

**SEDIMENT TRAP 2 SIZING SUMMARY:**

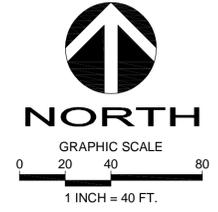
THE TRAP WAS SIZED USING THE REQUIREMENTS STATED IN APPENDIX D OF THE 2016 KING COUNTY SURFACE WATER DESIGN MANUAL WHICH REQUIRES 2,080 S.F. OF SURFACE AREA PER CFS OF INFLOW; DEVELOPED 2-YEAR STORM, 15-MIN. TIME STEPS.

CATCHMENT AREA:	1,713 AC.
10-YEAR PEAK FLOW RATE:	0.455 CFS
REQUIRED SURFACE AREA:	946 S.F.
PROVIDED SURFACE AREA:	1,097 S.F.

**CONSTRUCTION SEQUENCE:**

- PRE-CONSTRUCTION MEETING.
- FLAG OR FENCE CLEARING LIMITS. OFFSITE SURVEY IN FIELD.
- POST SIGN WITH NAME AND PHONE NUMBER OF TESC SUPERVISOR.
- INSTALL CATCH BASIN PROTECTION AS REQUIRED.
- GRADE AND INSTALL CONSTRUCTION ENTRANCES.
- INSTALL PERIMETER PROTECTION (SILT FENCE, SWALES, SEDIMENT TRAPS)
- CONSTRUCT DETENTION VAULT, SEDIMENT TRAPS
- GRADE AND STABILIZE CONSTRUCTION ROAD
- CONSTRUCT SURFACE WATER CONTROLS (INTERCEPTOR DIKES, PIPE SLOPE DRAINS, ETC.) SIMULTANEOUSLY WITH CLEARING AND GRADING FOR PROJECT DEVELOPMENT
- MAINTAIN EROSION CONTROL MEASURES IN ACCORDANCE WITH WSDOT BMP STANDARDS AND MANUFACTURER'S RECOMMENDATIONS.

- RELOCATE EROSION CONTROL MEASURES OR INSTALL NEW MEASURES SO THAT AS SITE CONDITIONS CHANGE, THE EROSION AND SEDIMENT CONTROL IS ALWAYS IN ACCORDANCE WITH THE CITY OF KENT TESC MINIMUM REQUIREMENTS.
- STABILIZING EXPOSED SOIL. THE APPLICANT SHALL STABILIZE DENUDED AREAS AND SOIL STOCKPILES AS FOLLOWS:
  - FROM OCTOBER 1 TO APRIL 30, NO SOIL MAY REMAIN EXPOSED FOR MORE THAN 2 DAYS. FROM MAY 1 TO SEPTEMBER 30, NO SOIL MAY REMAIN EXPOSED FOR MORE THAN 7 DAYS. ON PORTIONS OF THE SITE WHERE ACTIVE GRADING IS IN PROGRESS, THE DIRECTOR MAY EXTEND THE DEADLINE FOR SOIL STABILIZATION UPON DETERMINING THAT THE LIKELIHOOD OF EROSION IMPACTS IS LOW BASED ON THE TYPE AND AMOUNT OF SOIL EXPOSED, SITE TOPOGRAPHY, THE POTENTIAL FOR DISCHARGE TO CRITICAL AREAS AND LAKES, AND OTHER FACTORS. UPON FINDING A RISK OF EROSION, THE APPLICANT SHALL IMMEDIATELY APPLY SOIL STABILIZATION, REGARDLESS OF ANY PREVIOUSLY ESTABLISHED DEADLINE, AND THE CITY INSPECTOR MAY REQUIRE IMMEDIATE STABILIZATION AT ANY TIME FOR THIS PURPOSE. THE APPLICANT SHALL KEEP MATERIALS, EQUIPMENT, AND OTHER RESOURCES ON SITE AT ALL TIMES, IN ADEQUATE QUANTITIES TO IMMEDIATELY STABILIZE ALL SOIL;
  - DENUDED AREAS SHALL BE COVERED BY MULCH, SOD, PLASTIC, OR OTHER BMP IN THE SNOHOMISH COUNTY DRAINAGE MANUAL OR APPROVED BY THE DIRECTOR;
  - SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT RETENTION BMPS WITHIN 24 HOURS OF FORMATION TO PREVENT SOIL LOSS; AND
  - GRADING AND CONSTRUCTION SHALL BE TIMED AND CONDUCTED IN STAGES TO MINIMIZE SOIL EXPOSURE;
- UPON COMPLETION OF THE PROJECT, ALL DISTURBED AREAS MUST BE STABILIZED AND BMPS REMOVED IF APPROPRIATE.



**DRS**  
**D.R. STRONG**  
**CONSULTING ENGINEERS**  
 ENGINEERS PLANNERS SURVEYORS  
 620 - 7th AVENUE KIRKLAND, WA 98033  
 O 425.827.3063 F 425.827.2423

**BIGGERSTAFF-ADAMSON PLAT**  
 EROSION CONTROL PLAN  
 28415 144TH AVE SE, 14223 SE  
 283RD PL KENT, WASHINGTON  
 98042; PARCEL NO. 2569500200  
 PARCEL NO. 3422059096

**HARBOUR HOMES, LLC**  
 Harbour Homes  
 18329 98TH AVE. NE, STE. 300  
 BOTHELL, WA 98011  
 (206) 315-8130



**APPROVED**  
 07/28/2023  
 CITY OF KENT  
 DEVELOPMENT ENGINEERING  
 BY: Shaylor

**Call 2 Working Days Before You Dig**  
**811**  
 Utilities Underground Location Center  
 (ID.MT.ND.OR.WA)

KIVA NO. RECC-2224458  
 BASED ON THE SUBMITTED DRAWINGS AND SPECIFICATIONS PROVIDED BY THE APPLICANT'S LICENSED ENGINEERS, SURVEYORS AND ARCHITECTS AND OTHER CERTIFIED PROFESSIONALS, THESE PLANS ARE APPROVED FOR CONFORMANCE WITH THE CITY OF KENT ENGINEERING DIVISION'S REQUIREMENTS

Development Engineering Manager \_\_\_\_\_ Date \_\_\_\_\_  
 City Engineer \_\_\_\_\_ Date \_\_\_\_\_

THESE RECORD PLANS AND THE INFORMATION SHOWN ACCURATELY REFLECT EXISTING FIELD CONDITION AS OF \_\_\_\_\_ (DATE SIGNED).

BY: \_\_\_\_\_

APR	YLP	YLP
REVISION	CITY COMMENT 03.23.23	CITY COMMENTS
DATE	05.05.23	7.17.23

DRAFTED BY: **BD**  
 DESIGNED BY: **YLP**  
 PROJECT ENGINEER: **YLP**  
 DATE: **10.17.2022**  
 PROJECT NO.: **21043**

DRAWING: **C5**  
 SHEET: **5 OF 23**