

Appendix A: Plan Set

CITY OF KENT

JIM WHITE – MAYOR

MEMBERS OF CITY COUNCIL

TIM CLARK

CONNIE EPPERLY

LEONA ORR

JULIE PETERSON

BRUCE WHITE

JUDITH WOODS

RICO YINGLING

DON WICKSTROM – DIRECTOR OF PUBLIC WORKS

BRENDA JACOBER – CITY CLERK

GARY GILL – CITY ENGINEER

TOM BRUBAKER – CITY ATTORNEY



SHEET INDEX

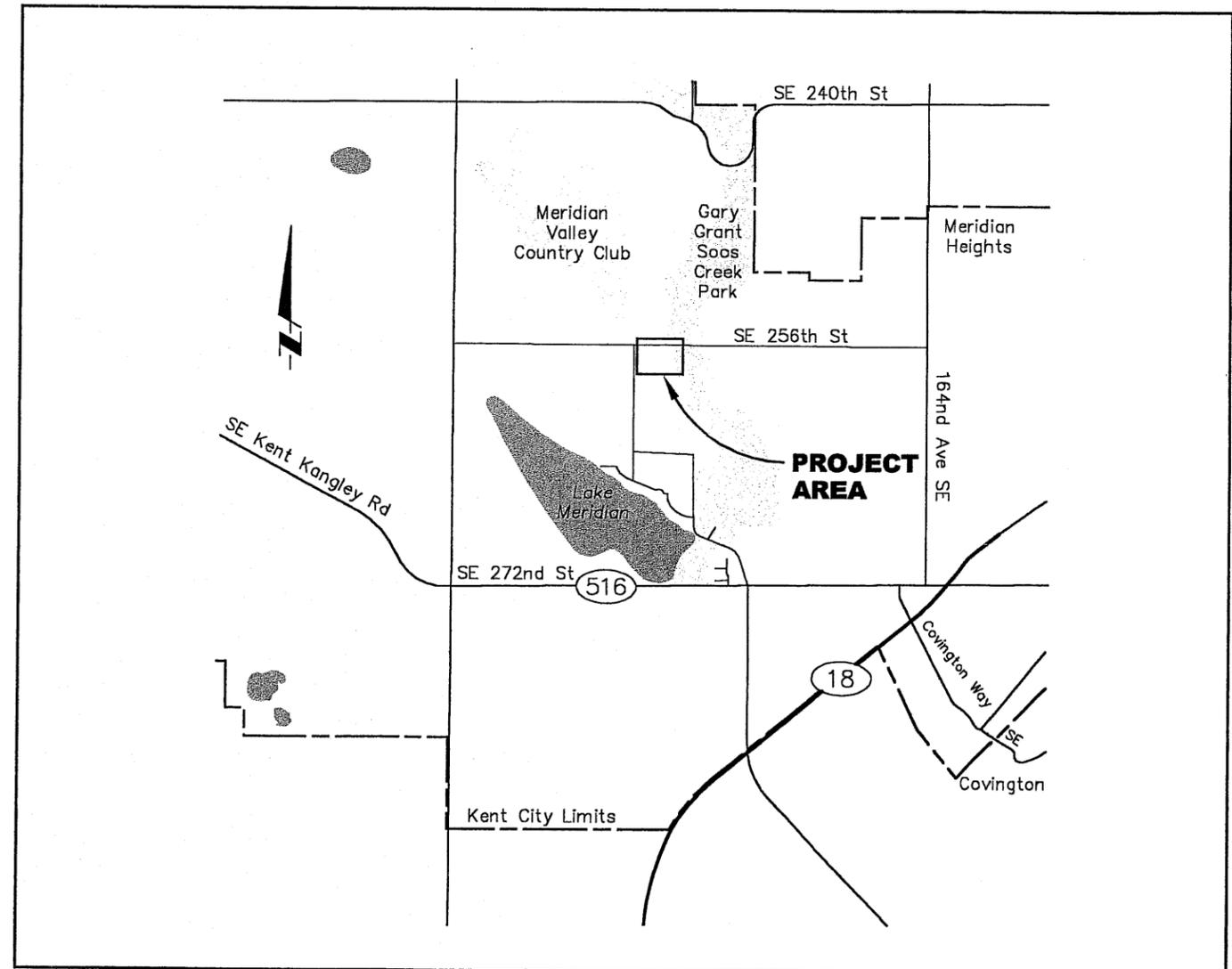
1. Notes, Legends and Abbreviations
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3. T.E.S.C. and Dewatering Plan – Lower Reach
4. T.E.S.C. and Dewatering Plan – Upper Reach
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SE 256th Street Flume Removal and Meridian Valley Creek Restoration

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The Watershed Company
Kirkland, WA Wenatchee, WA



VICINITY MAP
NOT TO SCALE

1/31/04 N. Dielerich \\meserve\company\1000\1024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal

Xrefs: Y:\1000\1024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\60% Submittal - Nov. 10, 2003\ref-profile.dwg; ref-hatch.dwg; ref-grad.dwg; ref-veg.dwg
 N. Dieterich
 7/31/04

GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF KENT STANDARD SPECIFICATIONS, AND WSDOT/APWA STANDARD SPECIFICATIONS, 2004. THE CITY OF KENT RESERVES THE RIGHT TO REJECT ANY DAMAGED AND/OR NON-COMPLIANT CONSTRUCTION MATERIAL.
- PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL SCHEDULE AND ATTEND A PRE-CONSTRUCTION CONFERENCE WITH THE CITY OF KENT CONSTRUCTION INSPECTION PERSONNEL BY PHONING 253-856-5500.
- AN APPROVED PLAN SET MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- ALL SITE WORK IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS. ANY DEVIATION FROM THE PLANS WILL REQUIRE APPROVAL FROM THE OWNER, ENGINEER AND APPROPRIATE PUBLIC AGENCIES.
- IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN STREET USE AND ANY OTHER RELATED PERMITS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. THE CONTRACTOR SHALL CONTACT THE UNDERGROUND UTILITIES LOCATION SERVICE (1-800-424-5555) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. THE OWNER OR HIS REPRESENTATIVE AND THE ENGINEER SHALL BE CONTACTED IMMEDIATELY IF CONFLICTS EXIST.
- LOCATIONS OF ROADWAYS, BUILDINGS AND PARKING AREAS SHOWN HEREON ARE APPROXIMATE. IMPROVEMENT AND STRUCTURE LOCATIONS SHALL BE FIELD SET BY THE SURVEYOR/ENGINEER AS REQUIRED.
- ANY APPROVED CUTS OF EXISTING PUBLIC ROADWAYS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH CITY OF KENT STANDARDS. ALL CUTS INTO EXISTING ASPHALT SHALL BE ALONG NEAT, CONTINUOUS, SAWED, OR WHEEL CUT LINES. TEMPORARY GOLD MIX PATCH MUST BE PLACED IMMEDIATELY AFTER BACKFILL AND COMPACTION. THIS EXISTING ROAD CUT SHALL BE REPLACED WITH AT LEAST THREE (3) INCHES OF COMPACTED CL "B" ASPHALT CONCRETE, SIX (6) INCH CRUSHED ROCK SURFACING TOP COURSE (5/8 INCH MINUS), AS REQUIRED DEPENDENT UPON A SOILS ENGINEER'S RECOMMENDATION AND TESTS. IN NO CASE SHALL THE REPLACEMENT BE LESS THAN THE EXISTING SECTION.
- CONSTRUCTION OF DEWATERING (GROUNDWATER INTERCEPTION) SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED PLANS.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL REGULATORY AND WARNING SIGNS PER THE LATEST EDITION OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

CONTRACTOR RESPONSIBILITIES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, TRAFFIC CONTROL, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH, AND SAFETY OF THEIR WORKERS AND THE PUBLIC AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY SHALL REQUIRE TRAFFIC CONTROL AS NECESSARY TO MEET THE PROVISIONS OF RCW 47.38.200 THROUGH 47.38.230 AND OTHER REGULATIONS WHICH MAY APPLY.
- ALL EXISTING UTILITIES ARE NOT SHOWN ON THE DRAWINGS. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS AND THE ONE-CALL LOCATE SERVICE TO CONFIRM UTILITY LOCATIONS AND HAVE THEM FIELD LOCATED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT OR RELOCATE (AS REQUIRED) EXISTING CONFLICTING UTILITIES IN ACCORDANCE WITH THE UTILITY OWNER REQUIREMENTS AND PROCEDURES.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY CUT SLOPES AND TEMPORARY SHORING AS NECESSARY FOR THE CONSTRUCTION AS SHOWN. THE STABILITY OF ALL TEMPORARY SLOPES AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR THE CARE AND TEMPORARY DIVERSION OF SURFACE WATERS AS MAY BE REQUIRED DURING CONSTRUCTION. THIS SHALL INCLUDE THE REQUIREMENT FOR MAINTAINING EXCAVATIONS IN A DEWATERED CONDITION SO AS NOT TO ADVERSELY AFFECT SUBGRADE CONDITIONS OR FILL PLACEMENT.

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ABBREVIATIONS

AVE	AVENUE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
CONC.	CONCRETE
D	STORM DRAIN
EL., ELEV.	ELEVATION
EX., EXIST.	EXISTING
FM	SANITARY SEWER FORCE MAIN
FT.	FOOT, FEET
G	NATURAL GAS
GV	GATE VALVE
HOR., HORIZ.	HORIZONTAL
I.E.	INVERT ELEVATION
IN.	INCH, INCHES
LF	LINEAR FEET
MAX.	MAXIMUM
MH	MANHOLE
MIN.	MINIMUM
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
P	POWER
R.O.W.	RIGHT-OF-WAY
S	SANITARY SEWER
SCWS	SOOS CREEK WATER AND SEWER DISTRICT
SDMH	STORM DRAIN MANHOLE
SSMH	SANITARY SEWER MANHOLE
STA	STATION
T	TELEPHONE
TYP.	TYPICAL
VERT.	VERTICAL
W	WATER

DATUM

NAVD 88 AS ESTABLISHED FROM CITY OF KENT CONTROLS.

LEGEND OF MATERIAL SYMBOLS

	EXISTING		PROPOSED	EARTH FILL
				STREAM GRAVEL
				QUARRY SPALLS
				PAVEMENT
				GRAVEL (EXISTING)
				WETLAND (EXISTING)

LEGEND OF SYMBOLS

EXISTING	UNDER CONSTRUCTION	PROPOSED	
			GAS VALVE
			UTILITY POLE
			UTILITY POLE ANCHOR
			STORM WATER MANHOLE
			STORM WATER CATCH BASIN
			STORM WATER CULVERT
			SANITARY SEWER MANHOLE
			CLEANOUT
			CAP/PLUG
			2-NOZZLE HYDRANT
			3-NOZZLE HYDRANT
			GATE/GENERAL VALVE
			BLOW-OFF VALVE
			GUARD POST
			MAIL BOX
			SIGN
			SPOT ELEVATION
			SURVEY MARKER
			MONUMENT ON SURFACE
			OWNERSHIP TIE
			TREE (Conifer)
			TREE (Deciduous)

NOTE:
FOR LEGEND OF PROPOSED PLANTS AND TREES, SEE LEGEND, SHEET L-1

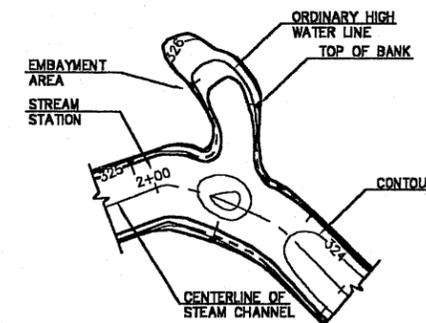
LEGEND OF LOG STRUCTURES

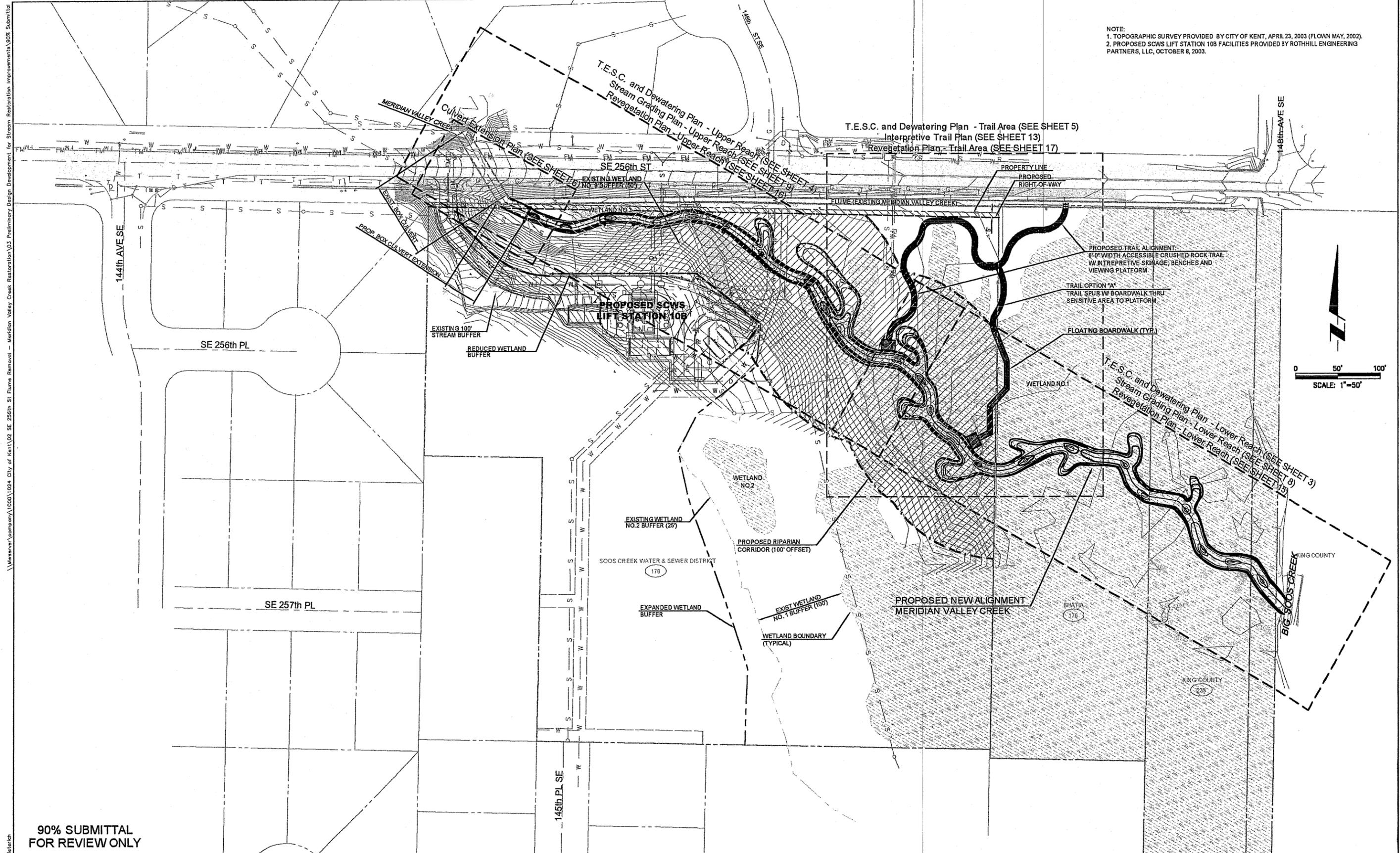
	BANK LOG
	EMBEDDED DIGGER LOG
	FALLEN TREE
	ROOT WAD
	SNAG
	DEBRIS PILE

LEGEND OF LINES

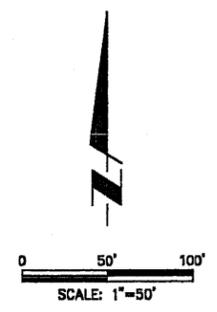
	CREEK/DITCH CENTERLINE (EXIST.)
	CREEK/DITCH CENTERLINE (PROP.)
	ORDINARY HIGH WATER LINE
	CONCRETE/SIDEWALK (EXIST.)
	CURB (EXIST.)
	FENCE (EXISTING)
	SILT FENCE (PROPOSED)
	GRAVEL PATH (EXISTING)
	PROPERTY LINE (EXISTING)
	RIGHT-OF-WAY (EXISTING)
	RIGHT-OF-WAY (PROPOSED)
	EASEMENT (EXISTING)
	EASEMENT (PROPOSED)
	EASEMENT (UNDER CONSTRUCTION)
	INDEX CONTOUR (EXISTING)
	INTERVAL CONTOUR (EXISTING)
	INDEX CONTOUR (PROPOSED)
	INTERVAL CONTOUR (PROPOSED)
	STORM DRAINAGE (EXISTING)
	STORM DRAINAGE (PROPOSED)
	STORM DRAINAGE (UNDER CONSTRUCTION)
	SANITARY SEWER FORCE MAIN (EXISTING)
	SANITARY SEWER FORCE MAIN (UNDER CONSTRUCTION)
	NATURAL GAS (EXISTING)
	POWER - BURIED (EXISTING)
	SANITARY SEWER (EXISTING)
	SANITARY SEWER (UNDER CONSTRUCTION)
	TELEPHONE - BURIED (EXISTING)
	WATER (EXISTING)
	WATER (UNDER CONSTRUCTION)

GRADING PLAN GUIDE





NOTE:
 1. TOPOGRAPHIC SURVEY PROVIDED BY CITY OF KENT, APRIL 23, 2003 (FLOW MAY, 2002).
 2. PROPOSED SCWS LIFT STATION 108 FACILITIES PROVIDED BY ROTHILL ENGINEERING PARTNERS, LLC, OCTOBER 8, 2003.



**90% SUBMITTAL
 FOR REVIEW ONLY**

NO.	REVISION	BY	DATE	APPROVED:	CITY ENGINEER	DATE
2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640
1	RE-ISSUED FOR 80% SUBMITTAL	R.L.B.	12/1/03	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW
0	ISSUED FOR 80% SUBMITTAL	R.L.B.	11/10/03			
						SCALE: HORIZ: AS NOTED VERT: AS NOTED
						BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY
						DATE Nov. 8, 2003

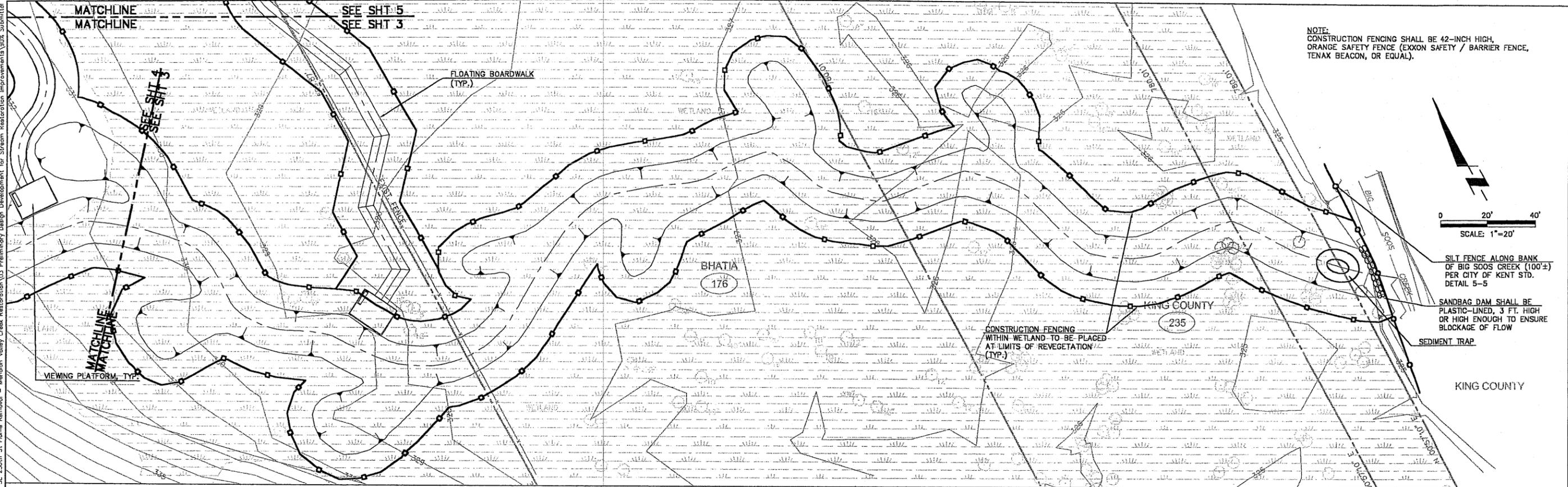
City of Kent
 Public Works Department
 Engineering Division

**SE 256th Street Flume Removal
 and Meridian Valley Creek Restoration
 Site Plan**

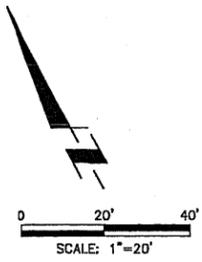
City of Kent
 King County, Washington

11/20/03 N. Dieterich
 \\wserver\geomap\1000\024 city of kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal

N. Dittlerich \\mswserver\company\1000\1024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal



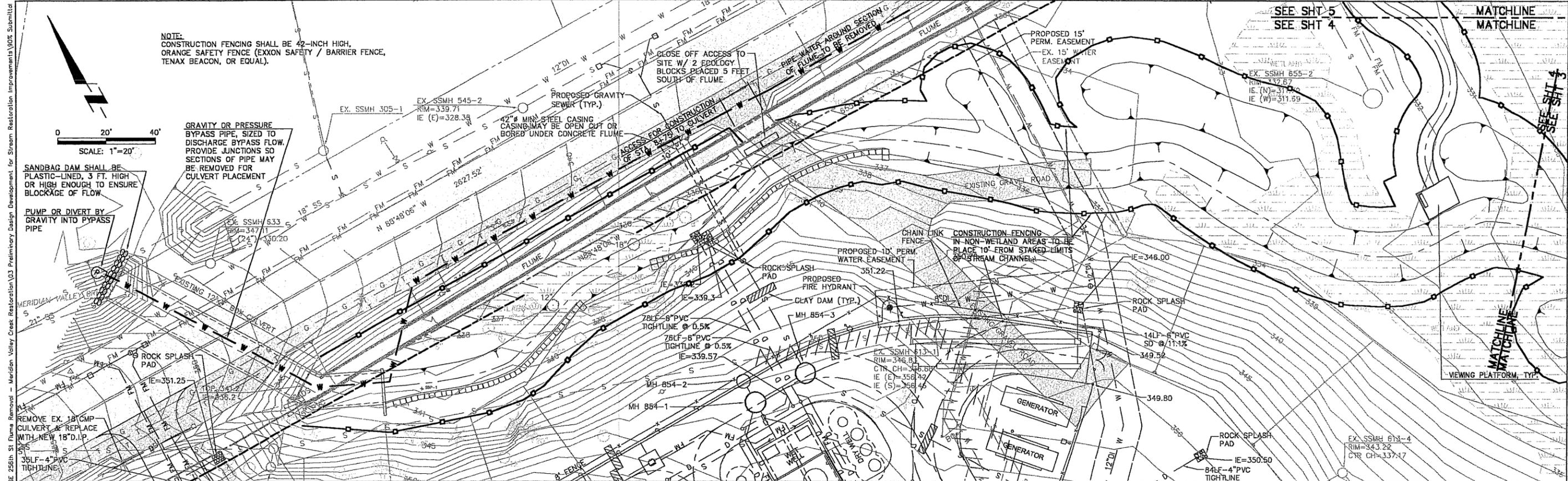
NOTE:
CONSTRUCTION FENCING SHALL BE 42-INCH HIGH,
ORANGE SAFETY FENCE (EXXON SAFETY / BARRIER FENCE,
TENAX BEACON, OR EQUAL).



T.E.S.C AND DEWATERING PLAN

90% SUBMITTAL
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2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ. AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY	City of Kent Public Works Department Engineering Division	SE 256th Street Flume Removal and Meridian Valley Creek Restoration T.E.S.C. and Dewatering Plan-Lower Reach	City of Kent King County, Washington	SHEET
	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	VERT: AS NOTED					3 of 17
NO.	ISSUED FOR 90% SUBMITTAL	BY: R.L.B.	DATE: 2/2/04	APPROVED: _____ CITY ENGINEER	DATE: Nov. 8, 2003	0"	1"	FILE NO.	



T.E.S.C AND DEWATERING PLAN

90% SUBMITTAL
FOR REVIEW ONLY

2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5840	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY	City of Kent Public Works Department Engineering Division	SE 256th Street Flume Removal and Meridian Valley Creek Restoration T.E.S.C. and Dewatering Plan—Upper Reach	City of Kent King County, Washington	SHEET
	NO.	REVISION	BY	DATE	APPROVED: _____	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW					VERT: AS NOTED

2/2/04 N. Diabetchin \\meserve\company\0001\024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal

T.E.S.C AND DEWATERING NOTES

- APPROVAL OF THIS TEMPORARY EROSION/SEDIMENTATION CONTROL PLAN (TESCP) DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN.
- THE TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) PLAN DRAWINGS ARE CONCEPTUAL AND CONTRACTOR IS REQUIRED TO SUBMIT A DETAILED TESC PLAN IN ACCORDANCE WITH SECTION 1-07.15.
- THE IMPLEMENTATION OF THESE TESC AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE TESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION.
- THE TESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED PRIOR TO ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
- THE TESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND AS THE CITY REQUIRES.
- THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING AND OPERATION.
- ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF TWO (2) DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED TESC METHODS. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH OCTOBER INCLUSIVE.
- ANY AREA NEEDING TESC MEASURE, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
- THE TESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN 48 HOURS FOLLOWING A STORM EVENT AND AS THE CITY DEEMS NECESSARY.
- AT NO TIME SHALL MORE THAN ONE (1) FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS PER CITY STANDARDS, SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURE MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- DURING THE TIME PERIOD OF NOVEMBER 1ST THROUGH MARCH 31ST, ALL PROJECT DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE COVERED BY ONE OF THE FOLLOWING COVER MEASURES: MULCH, SODDING, OR PLASTIC COVERING.
- ANY PERMANENT RETENTION DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES AND SHALL PROVIDE ADEQUATE STORAGE CAPACITY AND SHALL BE CLEANED OUT ENTIRELY WITH PROPER DISCHARGE OF WASTEWATER. IF THE PERMANENT FACILITY IS TO FUNCTION ULTIMATELY AS AN INFILTRATION OR DISPERSION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
- WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, THE APPROPRIATE MIXTURE SHOWN ON LANDSCAPING PLAN WILL BE USED FOR THE TYPE OF AREA DISTURBED.
- WHERE STRAW MULCH FOR TEMPORARY EROSION IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF THREE (3) INCHES OR 3,000 LBS/ACRE.
- AS CONSTRUCTION PROGRESSES AND UNEXPECTED SEASONAL CONDITIONS DICTATE, AND AS THE CITY REQUIRES, THE PERMITTEE SHOULD ANTICIPATE THAT MORE TESC MEASURES WILL BE NECESSARY TO PROTECT ADJACENT PROPERTIES AND ENSURE DEFICIENT TESC CONDITIONS AND PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE MINIMUM REQUIREMENTS OUTLINED ON THE APPROVED PLANS.
- FILTER FABRIC FENCE SHALL BE USED WHERE NOTED ON THE PLANS OR AS DIRECTED BY THE CITY.

DISCHARGE CORRESPONDING MONTH TO EXCEEDANCE PROBABILITY (CFS)

	90%	50%	20%	10%
MAY	1.2	2.6	4.7	8.0
JUNE	1.1	1.7	3.3	4.8
JULY	1.0	1.3	1.7	2.3
AUG	0.6	1.1	1.5	1.8
SEP	0.6	1.1	1.8	3.6
OCT	0.7	1.6	4.9	9.0

CONSTRUCTION SEQUENCING

SITE PREPARATION

- INSTALL ALL TEMPORARY EROSION CONTROL MEASURES, GENERAL AND SITE SPECIFIC AS NOTED ELSEWHERE.
- INSTALL A TEMPORARY ACCESS BRIDGE OVER THE FLUME AT THE LOCATION INDICATED ON THE PLANS AND CONSTRUCT ACCESS TO PROJECT.
- LOCATE BY SURVEY THE LOCATION OF THE NEW STREAM CHANNEL. MARK CUT/FILL DEPTHS ON GRADE STAKES AT THESE LOCATIONS.
- CLEAR AND GRUB AREAS SHOWN ON THE PLANS TO BE GRADED AND/OR REPLANTED.
- PLACE COIR FABRIC AND HOG FUEL ALONG CHANNEL ALIGNMENT FOR VEHICLE ACCESS IN WETLAND.

CHANNEL GRADING OF DOWNSTREAM REACH (STATION 0+00 TO 8+75)

- EXCAVATE ACCORDING TO GRADING PLANS, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE, IN ORDER TO FORM THE ROUGH DIMENSIONS OF THE CHANNEL. CHANNEL SHOULD BE EXCAVATED BELOW THE FINISH ELEVATIONS INDICATED ON THE GRADING PLAN TO ALLOW SPACE FOR STREAMBED GRAVEL PLACEMENT.

- SCULPT THE OVERFLOW CHANNELS PARALLELING THE ACTIVE STREAM CHANNEL AS SHOWN ON THE PLANS AND AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE. THE OVERFLOW CHANNELS ARE TO BE EXCAVATED TO THE ELEVATION OF ADJACENT STREAM SECTIONS, INCLUDING POOL DEPRESSIONS TO ACCOMMODATE LOG STRUCTURES.

- INSTALL AND ANCHOR THE IN-STREAM LOG HABITAT FEATURES ACCORDING TO PLANS AND SPECIFICATIONS AND AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE.

- INSTALL INTERPRETIVE TRAIL.

CULVERT EXTENSION AND CHANNEL GRADING OF UPSTREAM REACH (STATION 8+75 TO CULVERT)

- CONSTRUCT A SANDBAG AND PLASTIC DAM ACROSS THE UPSTREAM FACE OF THE CULVERT AT SE 256TH STREET.

- DIVERT WATER BY GRAVITY OR PUMPING INTO A DIVERSION PIPE PLACED THROUGH CULVERT AND ALONG ROAD EMBANKMENT TO A DOWNSTREAM LOCATION IN THE FLUME.

- EXCAVATE ACCORDING TO GRADING PLANS, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE, IN ORDER TO FORM THE ROUGH DIMENSIONS OF THE CHANNEL. CHANNEL SHOULD BE EXCAVATED BELOW THE FINISH ELEVATIONS INDICATED ON THE GRADING PLAN TO ALLOW SPACE FOR STREAMBED GRAVEL PLACEMENT.

- SCULPT THE OVERFLOW CHANNELS PARALLELING THE ACTIVE STREAM CHANNEL AS SHOWN ON THE PLANS AND AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE. THE OVERFLOW CHANNELS ARE TO BE EXCAVATED TO THE ELEVATION OF ADJACENT STREAM SECTIONS, INCLUDING POOL DEPRESSIONS TO ACCOMMODATE LOG STRUCTURES.

- INSTALL AND ANCHOR THE IN-STREAM LOG HABITAT FEATURES ACCORDING TO PLANS AND SPECIFICATIONS AND AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE.

- INSTALL CULVERT EXTENSION.

- DIVERT FLOW INTO NEW CHANNEL.

- BREAKUP AND FILL REMAINING FLUME AND REVEGETATE.

REVEGETATION

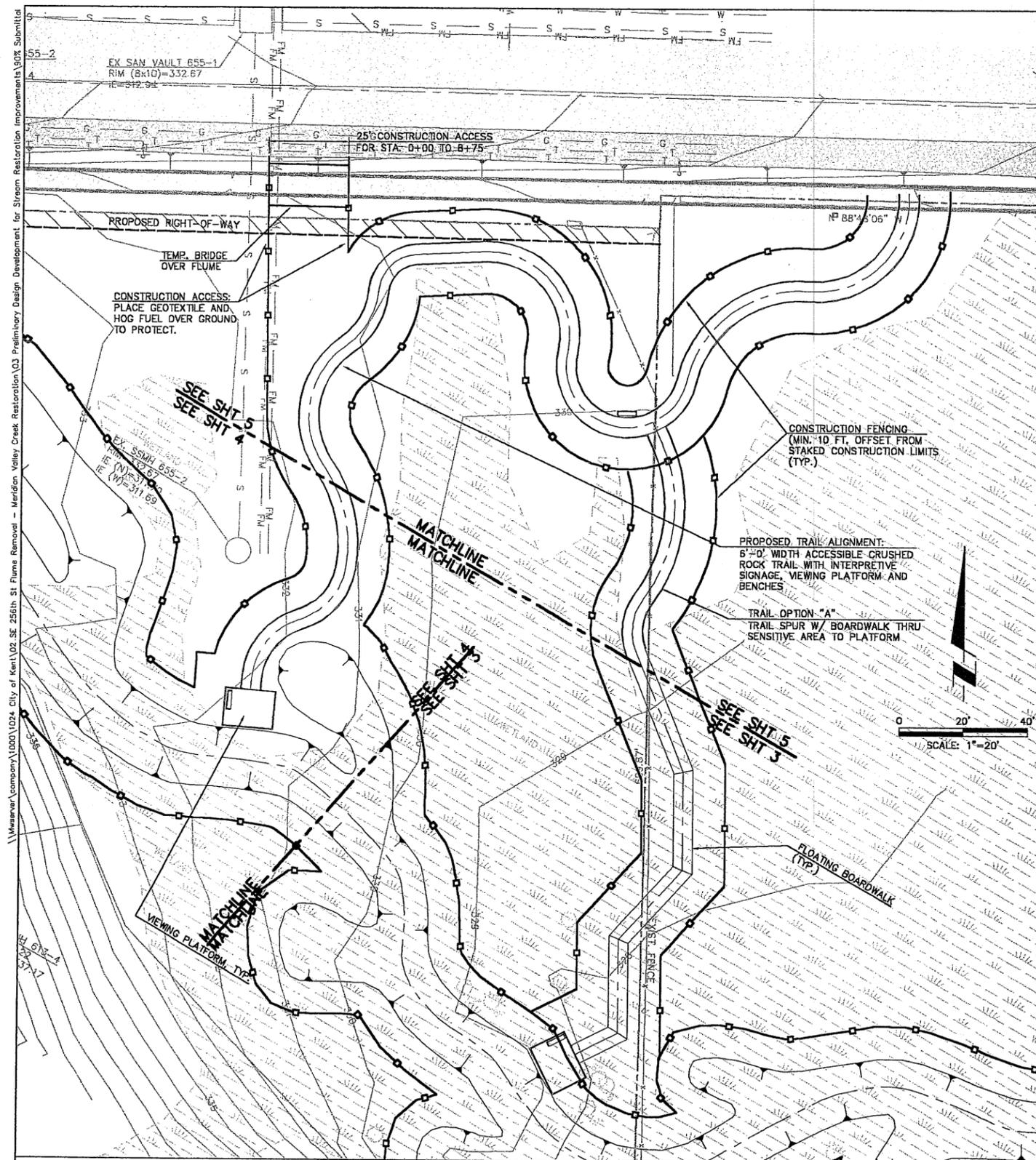
- REVEGETATE THE ENTIRE LENGTH OF DISTURBED CHANNEL BANK AND STREAM CORRIDOR ACCORDING TO REVEGETATION PLANS.

- LAYOUT EACH PLANTING AREA BY FLAGGING THE LOCATIONS OF EACH TREE AND LARGE SHRUB PRIOR TO INSTALLATION.

- PREPARE THE PLANTING PITS AND INSTALL THE PLANTS PER THE PLANTING DETAIL SPECIFICATIONS.

- MULCH EACH TREE AND SHRUB AS SHOWN IN THE DETAILS (2-INCH WOOD CHIP MULCH).

- HYDROSEED OR HAND SEED AS NECESSARY TO REPAIR AREAS DISTURBED FOLLOWING PLANT PLACEMENT.

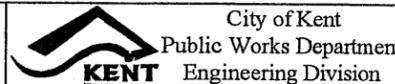


T.E.S.C AND DEWATERING PLAN

90% SUBMITTAL
FOR REVIEW ONLY

DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: AS NOTED
DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	HORIZ: AS NOTED
APPROVED:	CITY ENGINEER	DATE: Nov. 8, 2003	VERT: AS NOTED

BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY



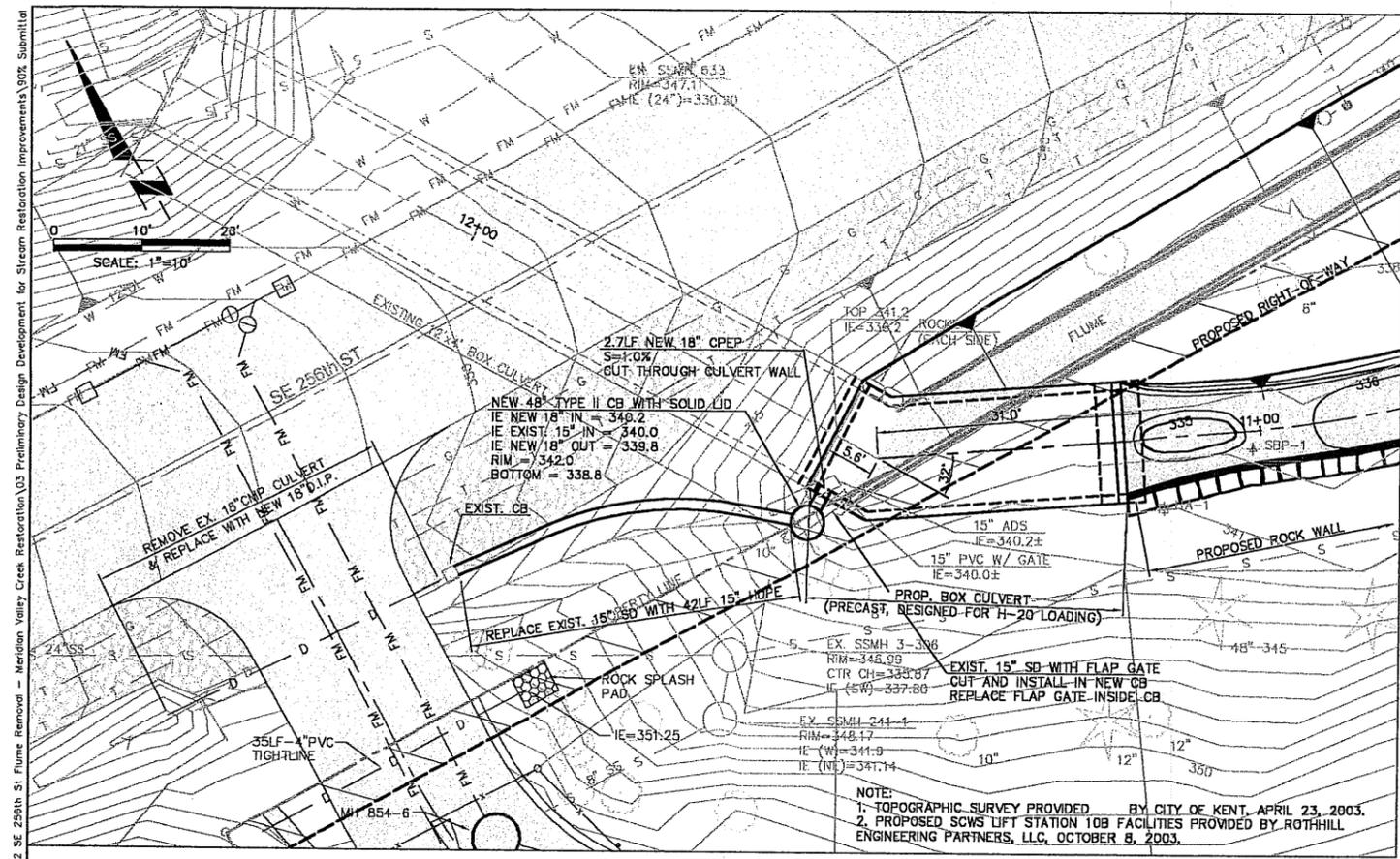
City of Kent
Public Works Department
Engineering Division
SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
T.E.S.C. and Dewatering Plan - Trail Area

City of Kent
King County, Washington

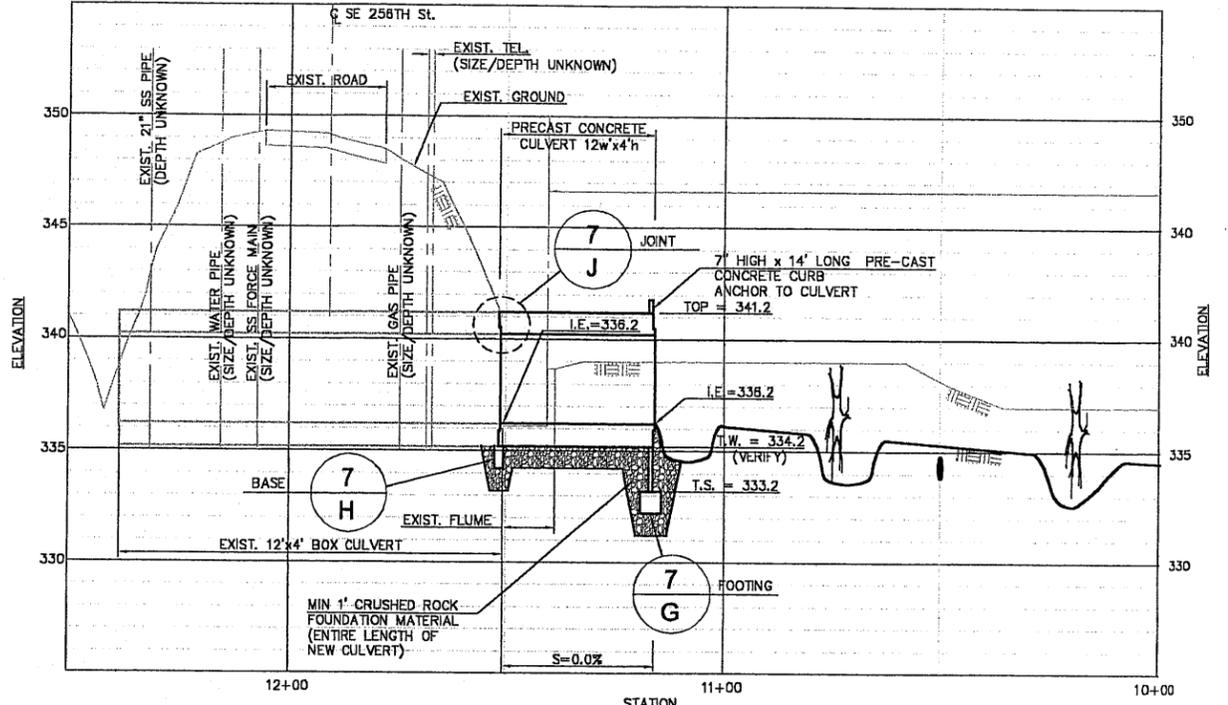
SHEET	5 OF 17
FILE NO.	

2/2/04
NO.

ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04
REVISION	BY	DATE



**CULVERT EXTENSION
PLAN**

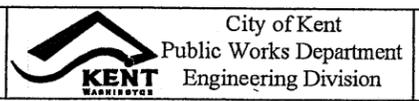


**CULVERT EXTENSION
PROFILE**

HOR. SCALE: 1"=20'
VER. SCALE: 1"=4'

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NO.	REVISION	BY	DATE	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED VERT: AS NOTED
2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY
1	RE-ISSUED FOR 60% SUBMITTAL	R.L.B.	12/1/03	APPROVED: _____	CITY ENGINEER	DATE Nov. 24, 2003	



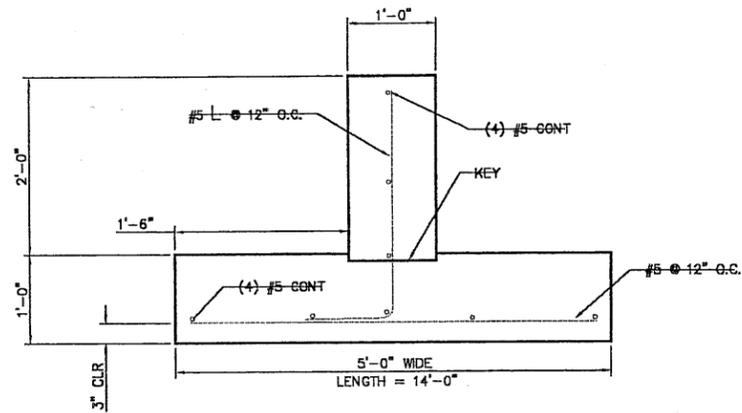
SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
Culvert Extension Plan and Profile

City of Kent
King County, Washington

SHEET	8 OF 17
FILE NO.	

11/20/03 N. Dieterich
 \\meserve\company\1000\1024_City of Kent\02_SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal

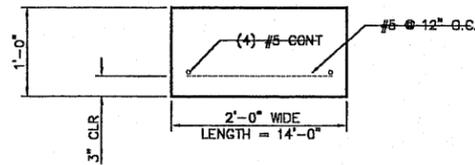
\\wawer\company\1000\024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration - Preliminary Design Development for Stream Restoration Improvement\005 Submitted



**CUTOFF WALL
DETAIL**

G
6

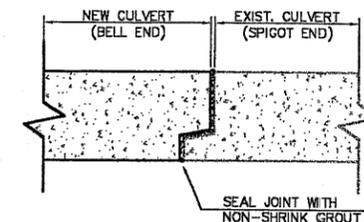
0 1' 2'
SCALE: 1"=1'



**CULVERT BASE
DETAIL**

H
6

0 1' 2'
SCALE: 1"=1'



**CULVERT JOINT
DETAIL**

J
6

0 1' 2'
SCALE: 1"=1'

90% SUBMITTAL
FOR REVIEW ONLY

11/20/03 N. Dieterich

DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY
DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	VERT: AS NOTED	
APPROVED: _____	CITY ENGINEER	DATE Nov. 24, 2003	0" 1"	
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NO.	REVISION	BY	DATE	

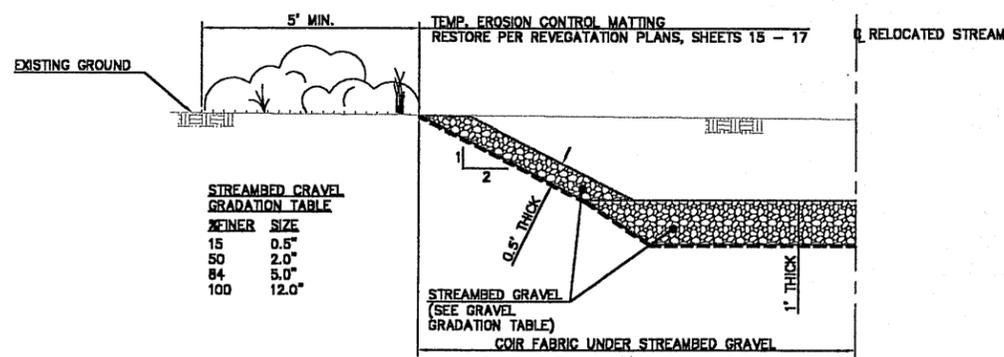
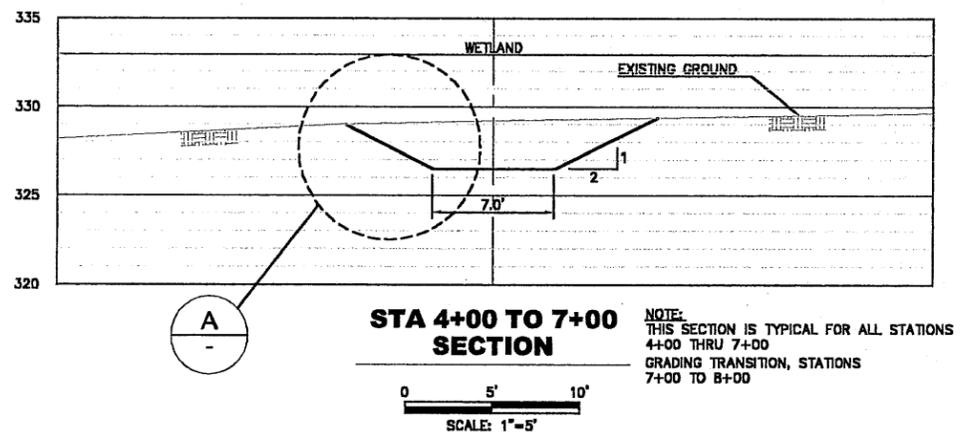
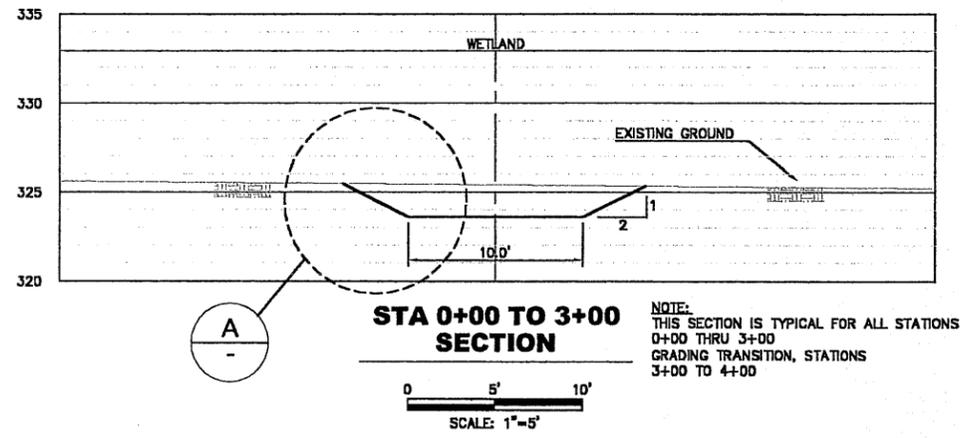
City of Kent
Public Works Department
Engineering Division

SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
Culvert Extension Details

City of Kent
King County, Washington

SHEET	7 OF 17
FILE NO.	

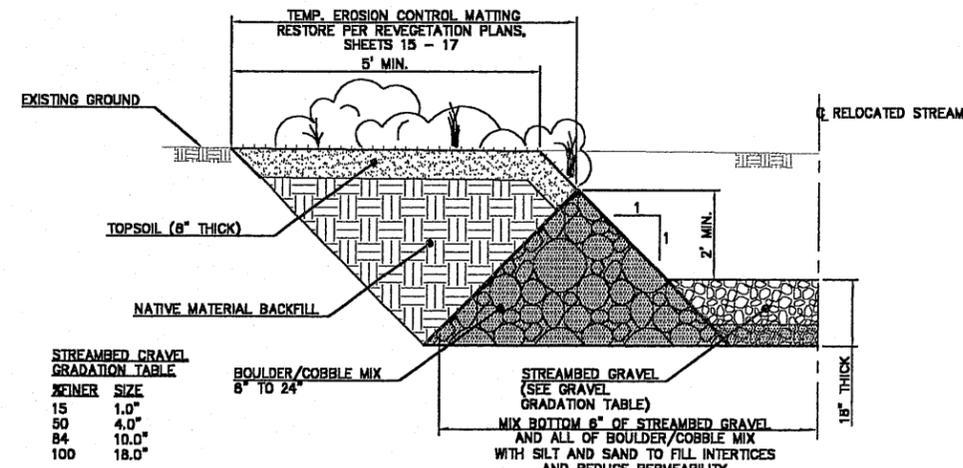
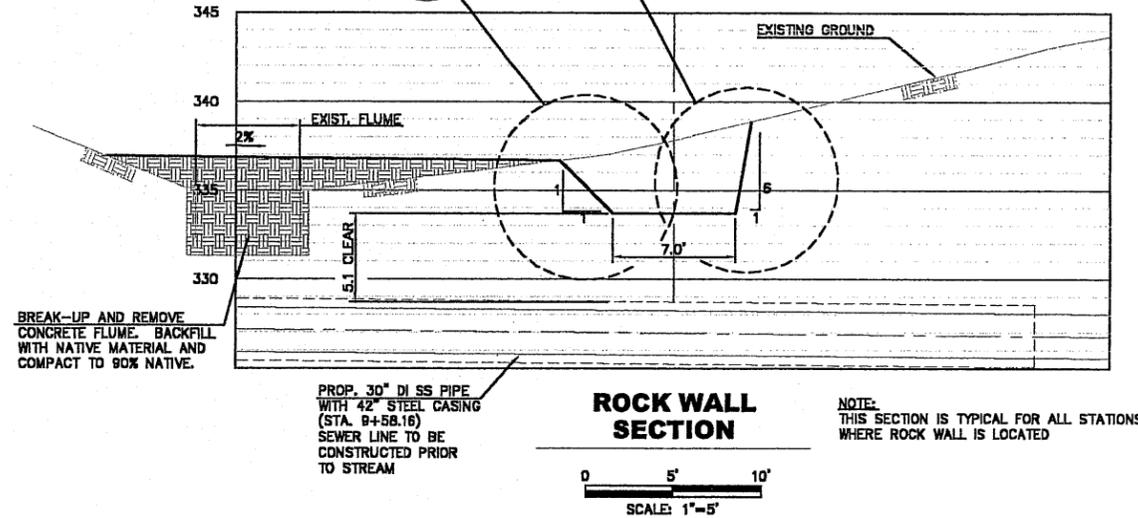
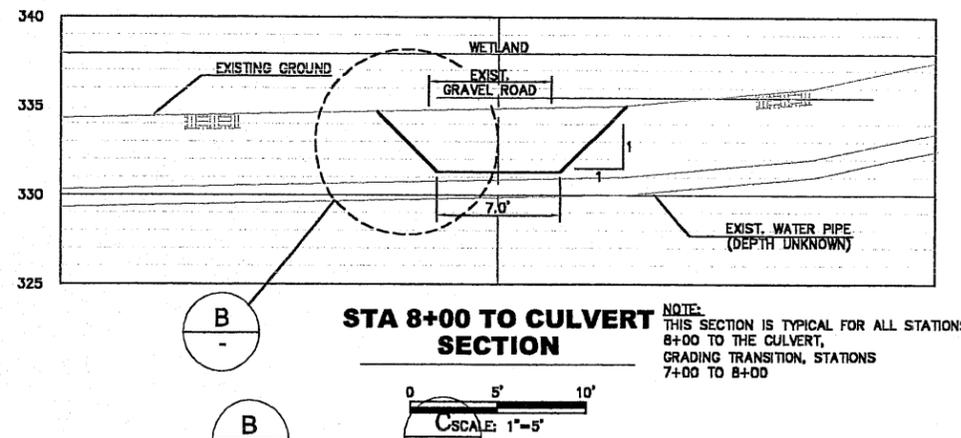
N. Dienerich
 2/27/04
 \\waser\company\1000\1024 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\3075 Submittal



STREAMBED GRAVEL GRADATION TABLE

FINER SIZE	PERCENT
15	0.5%
50	2.0%
84	5.0%
100	12.0%

(SEE GRAVEL GRADATION TABLE)



STREAMBED GRAVEL GRADATION TABLE

FINER SIZE	PERCENT
15	1.0%
50	4.0%
84	10.0%
100	18.0%

(SEE GRAVEL GRADATION TABLE)

90% SUBMITTAL
FOR REVIEW ONLY

NO.	REVISION	BY	DATE	APPROVED:	CITY ENGINEER	DATE
2	ISSUED FOR 90% SUBMITTAL.	R.L.B.	2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640
1	RE-ISSUED FOR 60% SUBMITTAL.	R.L.B.	12/1/03	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW
0	ISSUED FOR 60% SUBMITTAL.	R.L.B.	11/10/03			

SCALE: HORIZ: AS NOTED
VERT: AS NOTED

BAR IS ONE INCH ON ORIGINAL DRAWING
ADJUST SCALES ACCORDINGLY

DATE Nov. 8, 2003

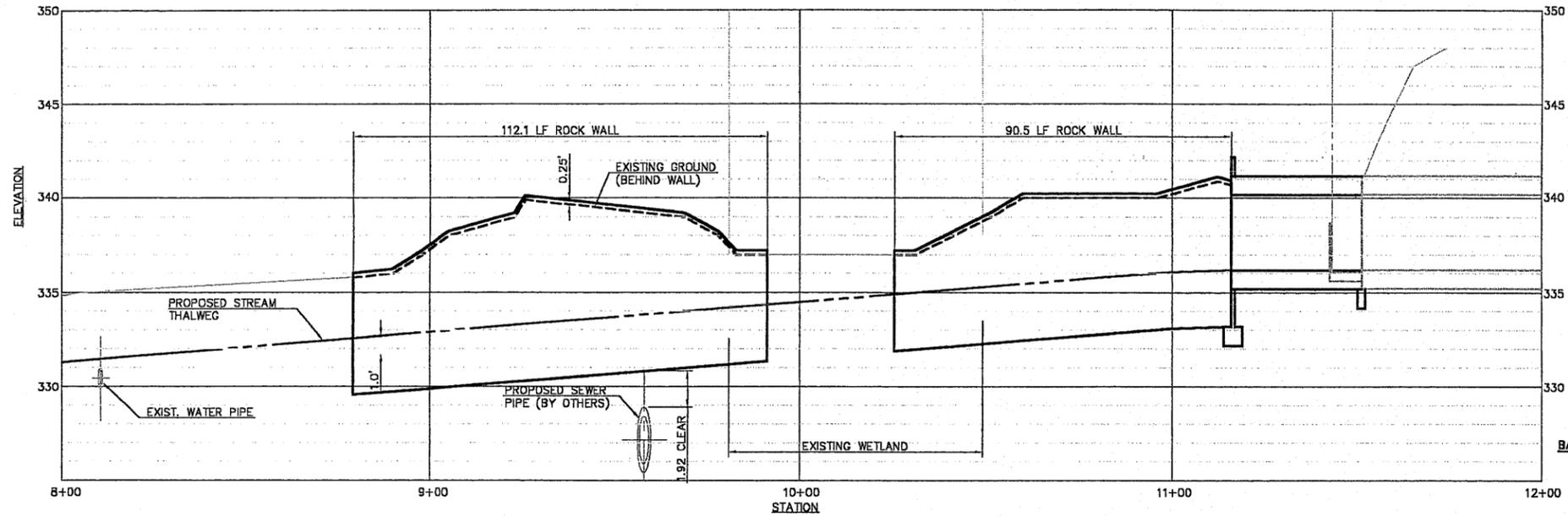
City of Kent
Public Works Department
Engineering Division

SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
Stream Grading Details

City of Kent
King County, Washington

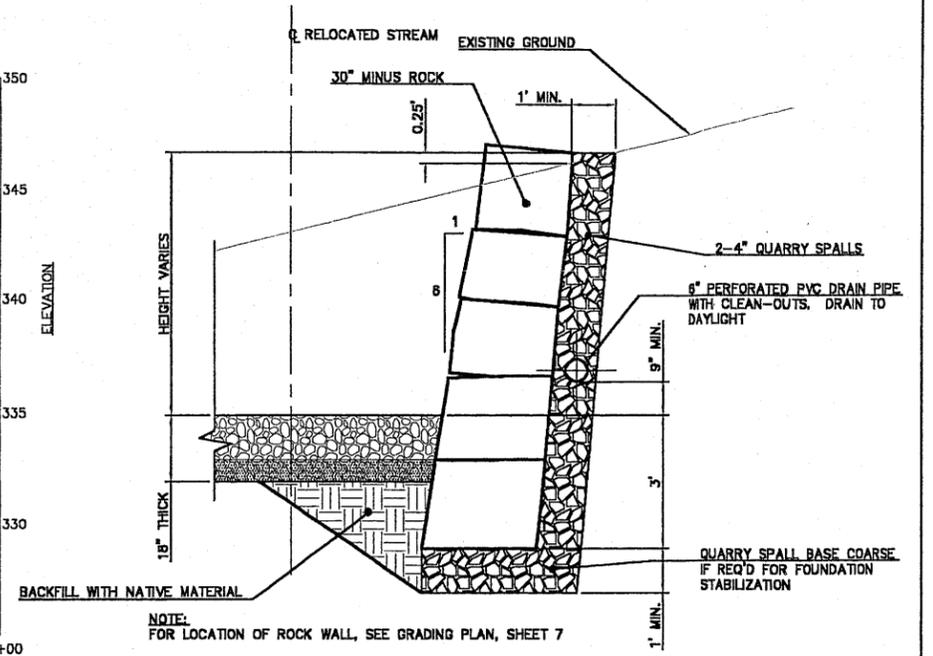
SHEET
10 OF 17
FILE NO.

\\msawyer\company\1000\1024_City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal
 2/2/04 Dierich



ROCK WALL PROFILE

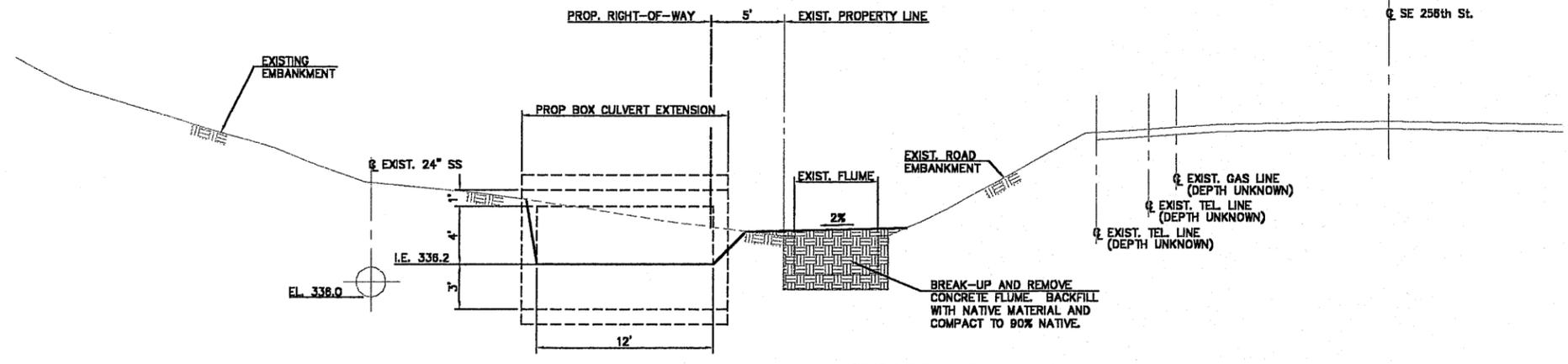
HOR. SCALE: 1"=20'
VER. SCALE: 1"=4'



TYPICAL ROCK WALL DETAIL

C
10

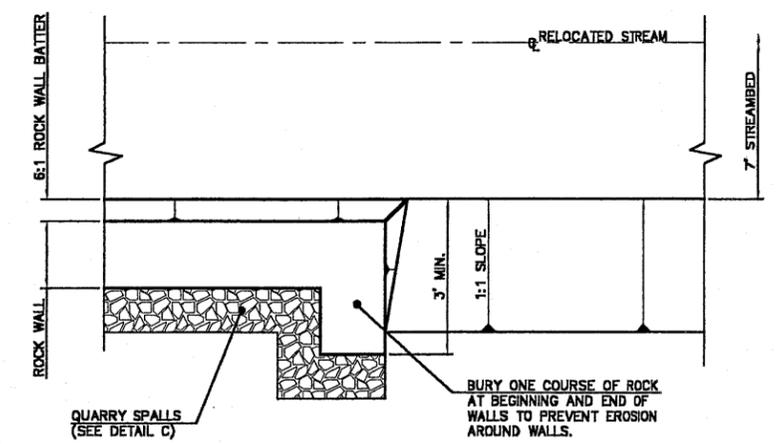
0 2' 4'
SCALE: 1"=2'



CULVERT OUTLET SECTION

D
9

0 5' 10'
SCALE: 1"=5'



TYPICAL ROCK WALL END TREATMENT DETAIL PLAN

E
9

0 2' 4'
SCALE: 1"=2'

90% SUBMITTAL FOR REVIEW ONLY

NO.	REVISION	BY	DATE	APPROVED:	CITY ENGINEER	DATE
2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640
1	RE-ISSUED FOR 60% SUBMITTAL	R.L.B.	12/1/03	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW
0	ISSUED FOR 60% SUBMITTAL	R.L.B.	11/10/03			
APPROVED: _____					CITY ENGINEER	DATE Nov. 8, 2003

SCALE: 1"=1'

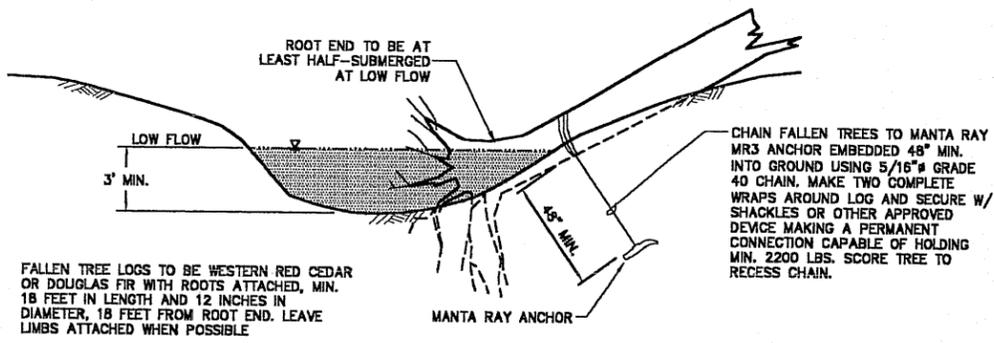
City of Kent
Public Works Department
Engineering Division

SE 256th Street Flume Removal and Meridian Valley Creek Restoration Stream Rock Wall Profile and Details

City of Kent
King County, Washington

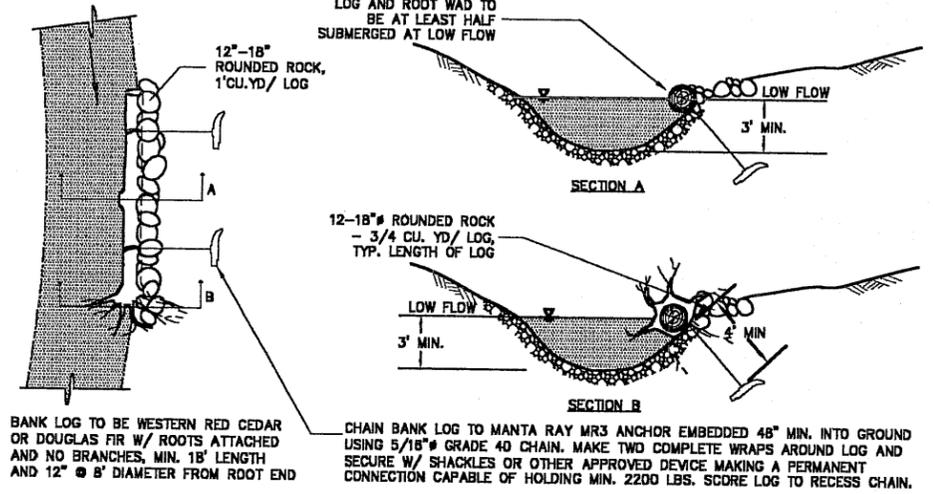
SHEET
11 OF 17
FILE NO.

1/31/04 N. Dieterich
 \\meserve\company\000\1024_City of Kent\02_SE 256th St Flume Removal - Meridian Valley Creek Restoration\03_Preliminary Design\Improvements\90% Submittal



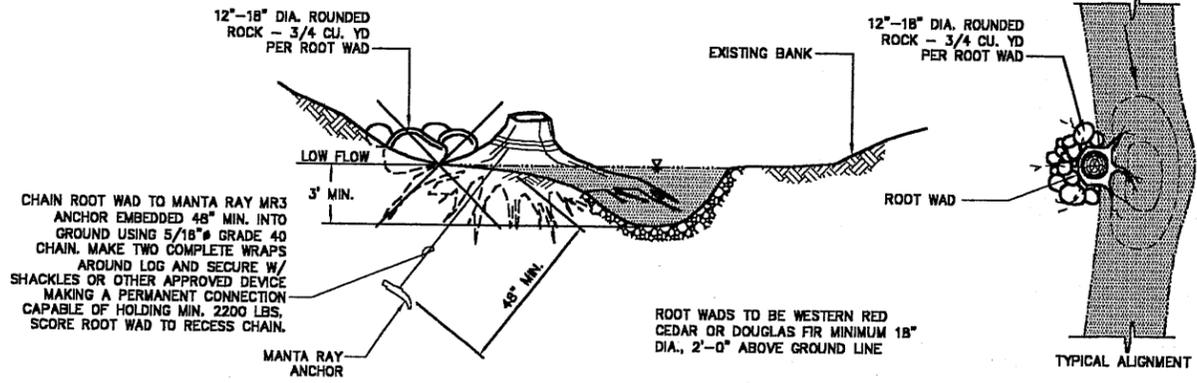
1
8,9
FALLEN LOG DETAIL

SCALE: 1"=5'
0 5' 10'



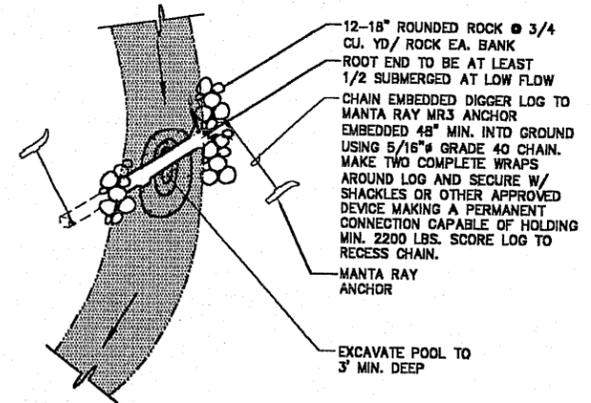
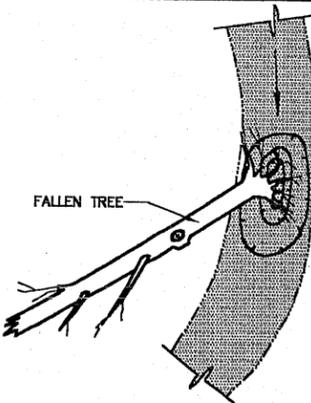
2
8,9
BANK LOG DETAIL

SCALE: 1"=5'
0 5' 10'



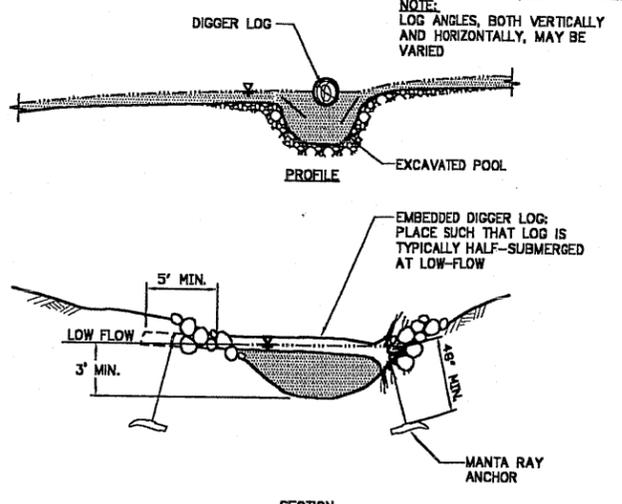
3
8,9
ROOT WAD DETAIL

SCALE: 1"=5'
0 5' 10'

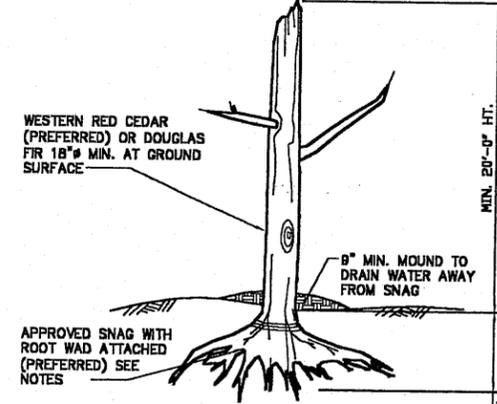
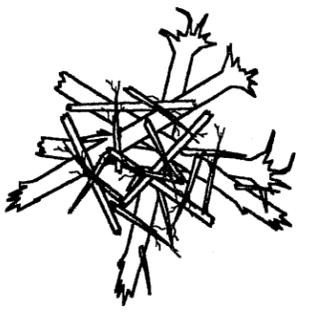


4
8,9
EMBEDDED DIGGER LOG DETAIL

SCALE: 1"=5'
0 5' 10'



- NOTES:**
1. DEBRIS PILE TO CONSIST OF MIN. 4 LARGE LOGS AND MIN. 4 CU. YD. OF SMALL WOODY DEBRIS.
 2. LARGE LOGS TO BE NATIVE SPECIES, EXCLUDING ALDER AND COTTONWOOD, MIN. 15' LONG AND 10" DIAMETER AT THE SMALL END.
 3. AT LEAST 2 LARGE LOGS SHALL HAVE ROOTWADS ATTACHED, AND AT LEAST 2 LARGE LOGS SHALL HAVE MIN. 5 BRANCHES INTACT.
 4. SMALL WOODY DEBRIS TO CONSIST OF IMMATURE NATIVE TREES, BRANCHES AND BRUSH MIN. 3" DIAMETER.
 5. DEBRIS PILE TO BE BUILT WITHOUT PLACING LOGS OR DEBRIS IN A NOTICEABLE PATTERN.



6
8,9
SNAG DETAIL

SCALE: 1"=5'
0 5' 10'

5
8,9
DEBRIS PILE DETAIL

SCALE: 1"=5'
0 5' 10'

- SNAG NOTES:**
1. UPRIGHT SNAGS ARE TO BE PLACED AT THE LOCATIONS SHOWN ON THE PLAN
 2. ALL SNAGS SHALL BE WESTERN CEDAR OR DOUGLAS-FIR TREES WITH A SUBSTANTIAL PORTION OF THEIR LIMBS LEFT INTACT. DO NOT TRIM TOPS, DAMAGED OR BROKEN TOPS ARE PREFERRED. PROVIDE LOGS WITH NUMEROUS UNTRIMMED LIMBS. LOGS USED FOR SNAGS MAY BE PARTIALLY HOLLOW AND CONTAIN CAVITIES AS LONG AS THEY ARE GENERALLY SOUND.
 3. SNAGS SHALL BE A MINIMUM OF 18 INCHES IN DIAMETER AT GROUND SURFACE WHEN INSTALLED AND SHALL BE PLACED TO A DEPTH INTO THE GROUND EQUAL TO 1/3RD OF THEIR ABOVE-GROUND HEIGHT.
 4. SNAGS WITH SUBSTANTIAL ROOT MASSES ATTACHED MAY BE PLACED TO THE DEPTH INDICATED AND BACKFILLED WITH COMPACTED SOIL ONLY UPON APPROVAL OF EACH SNAG INDIVIDUALLY BY THE STREAM/WETLAND CONSULTANT OR OTHER AUTHORIZED OWNER'S REPRESENTATIVE.
 5. SNAGS WITHOUT ROOT MASSES ATTACHED ARE TO BE PLACED IN HOLES BACKFILLED WITH CONCRETE. HOLES SHALL BE A MINIMUM OF 54 INCHES IN DIAMETER AND SHALL BE AT LEAST 30 INCHES LARGER THAN THE SNAG DIAMETER AT GROUND SURFACE WHEN INSTALLED.

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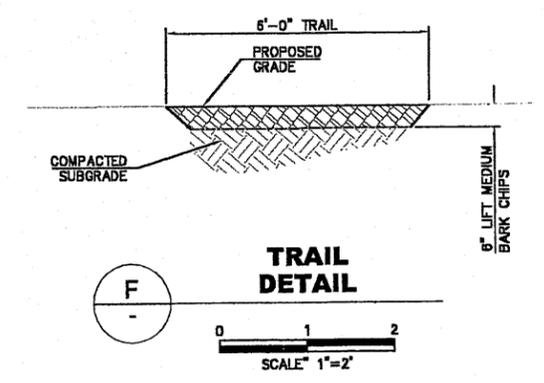
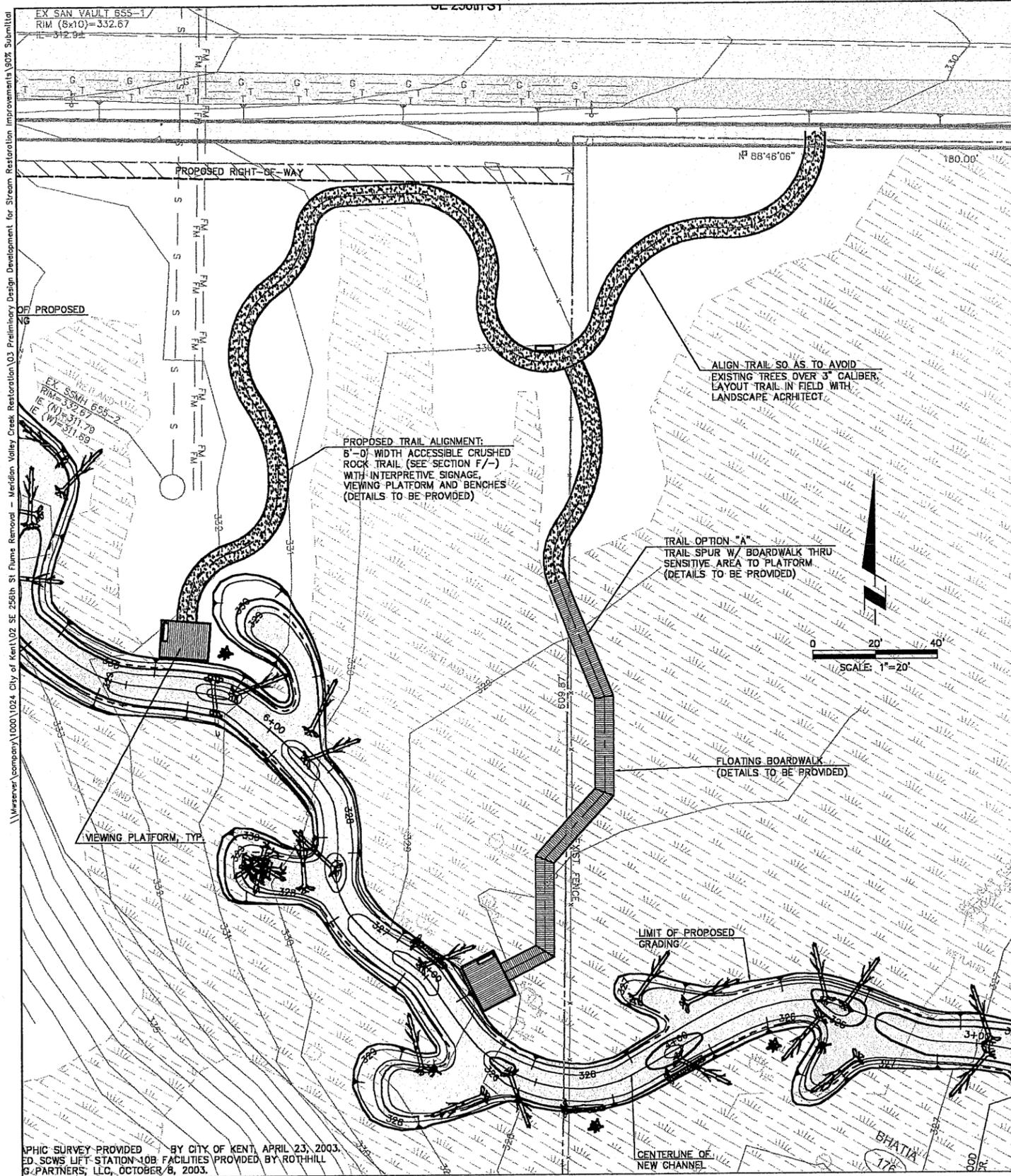
2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY
1	RE-ISSUED FOR 60% SUBMITTAL	R.L.B.	12/1/03	DRAWN: N.E.D.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	VERT: AS NOTED	
0	ISSUED FOR 80% SUBMITTAL	R.L.B.	11/10/03	APPROVED:				
NO.	REVISION	BY	DATE			CITY ENGINEER	DATE Nov. 8, 2003	

City of Kent
Public Works Department
Engineering Division

SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
Stream Log Structure Details

City of Kent
King County, Washington

SHEET
12 OF 17
FILE NO.



PHIC SURVEY PROVIDED BY CITY OF KENT, APRIL 23, 2003.
 ED SCWS LIFT STATION-10B FACILITIES PROVIDED BY ROTH HILL
 G-PARTNERS, LLC, OCTOBER 8, 2003.

**90% SUBMITTAL
 FOR REVIEW ONLY**

INTERPRETIVE TRAIL PLAN

DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY 0" 1"
DRAWN: M.G.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	VERT: AS NOTED	
APPROVED: _____	CITY ENGINEER		DATE Nov. 26, 2003	
NO.	REVISION	BY	DATE	
2	ISSUED FOR 90% SUBMITTAL.	R.L.B.	2/2/04	
1	RE-ISSUED FOR 80% SUBMITTAL.	R.L.B.	12/1/03	

City of Kent
 Public Works Department
 Engineering Division

**SE 256th Street Flume Removal
 and Meridian Valley Creek Restoration
 Interpretive Trail Plan**

City of Kent
 King County, Washington

SHEET	13 OF 17
FILE NO.	

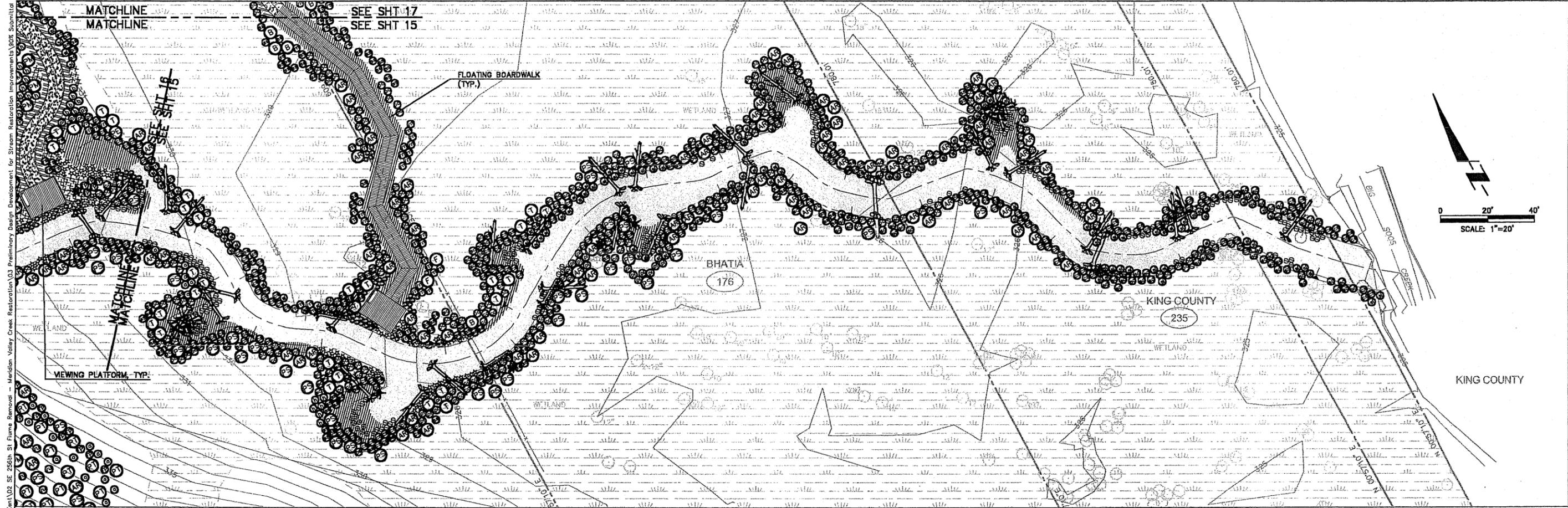
\\server\company\1000\1024\City of Kent\02_SE_256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90% Submittal

INTERPRETIVE TRAIL DETAILS TO BE PROVIDED UPON SELECTION OF TRAIL OPTIONS

90% SUBMITTAL
 FOR REVIEW ONLY

2/2/04 N. Dietrich

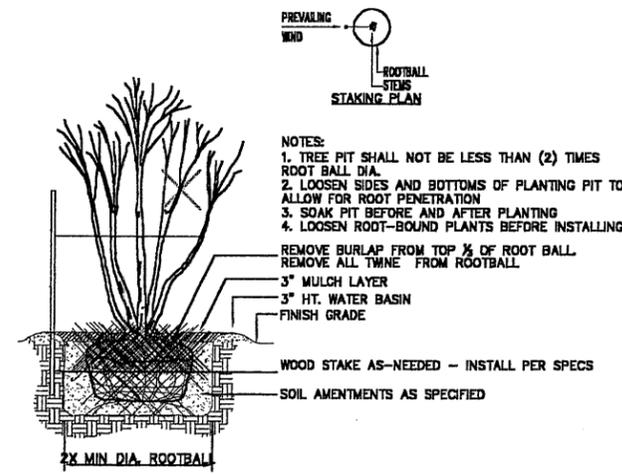
				DESIGNED: R.L.B.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED VERT: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY	 City of Kent Public Works Department Engineering Division	SE 256th Street Flume Removal and Meridian Valley Creek Restoration Interpretive Trail Details	City of Kent King County, Washington	SHEET
2	RE-ISSUED FOR 90% SUBMITTAL	M.G.	2/2/04	DRAWN: M.G.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW						14 OF 17
NO.	REVISION	BY	DATE	APPROVED: _____ CITY ENGINEER			DATE Jan 2, 04	0" 1"				FILE NO.



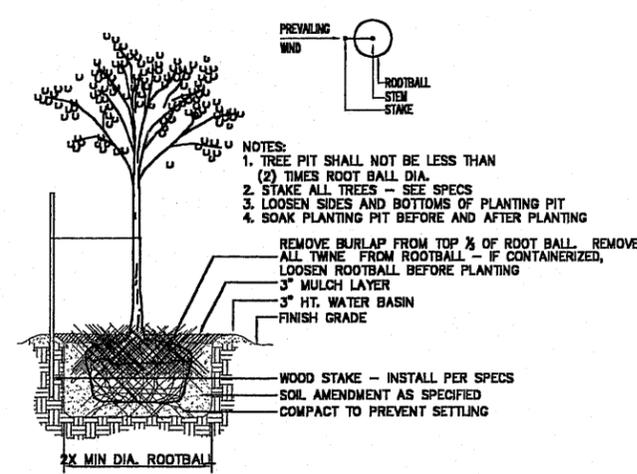
REVEGETATION NOTES

1. CLEAR ALL BLACKBERRY AND OTHER INVASIVE NON-NATIVE WEEDS WITHIN 100' EACH SIDE OF NEW STREAM CENTERLINE. SEE SPECS.
2. INSTALL PLANTS GENERALLY AS SHOWN ON PLAN; FIELD ADJUST FOR LOCAL MICROSITE CONDITIONS.
3. ADJUST LOCATIONS AS NEEDED TO AVOID PLANTING TREES OVER OR WITHIN 5'-0" OF EXISTING OR PROPOSED BURIED UTILITIES. CONTRACTOR TO STAKE ALL EXISTING AND PROPOSED UTILITIES.
4. DO NOT INSTALL PLANTS WITHIN 3'-0" OF RETAINING WALLS.
5. HYDROSEED ALL PLANTED AND CONSTRUCTION DISTURBED AREAS WITH SEED MIXES LISTED IN SPECS. SEE SPECS FOR COMPOSITION AND LOCATION FOR EACH SEED MIX.

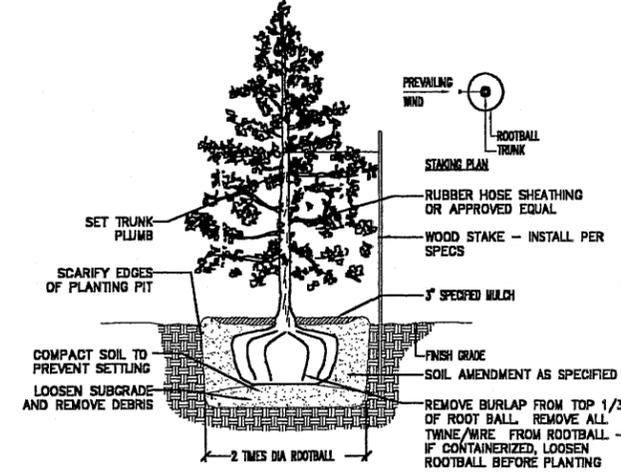
REVEGETATION PLAN



TYPICAL SHRUB TREE PLANTING



TYPICAL DECIDUOUS TREE PLANTING



TYPICAL CONIFEROUS TREE PLANTING

90% SUBMITTAL FOR REVIEW ONLY

2/2/04	DESIGNED: M.G.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY	City of Kent Public Works Department Engineering Division	SE 256th Street Flume Removal and Meridian Valley Creek Restoration Revegetation Plan-Lower Reach	City of Kent King County, Washington	SHEET
	NO. 2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04					VERT: AS NOTED
	REVISION	BY	DATE	APPROVED: _____ CITY ENGINEER	DATE Nov. 8, 2003				FILE NO.

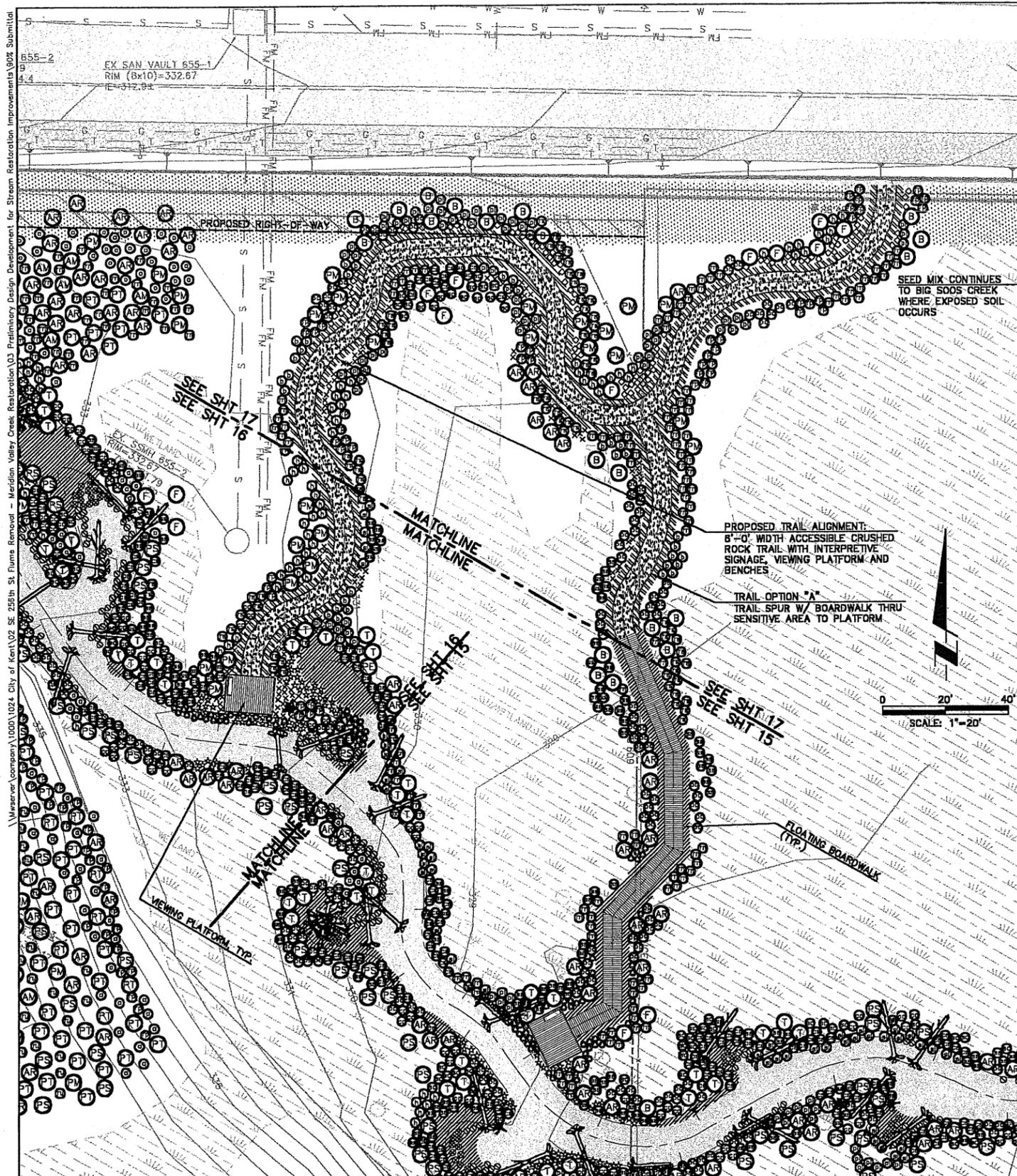
\\wawaw\company\1000\1024 City of Kent\02 SE 256th St Flume Removal - Meridian Valley Creek Restoration\03 Preliminary Design Development for Stream Restoration Improvements\90K Submittal



REVEGETATION PLAN

90% SUBMITTAL
FOR REVIEW ONLY

2	ISSUED FOR 90% SUBMITTAL	R.L.B.	2/2/04	DESIGNED: M.G.	CHECKED: R.A.M.	KENT PROJECT NO. 5840	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY	City of Kent Public Works Department Engineering Division	SE 256th Street Flume Removal and Meridian Valley Creek Restoration Revegetation Plan—Upper Reach	City of Kent King County, Washington	SHEET
	NO.	REVISION	BY	DATE	APPROVED:	CITY ENGINEER	DATE Nov. 8, 2003					0" 1"



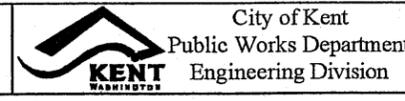
REVEGETATION LEGEND

TREES		QTY.	SIZE / SPACING
BOTANICAL NAME / COMMON NAME			
AM	ACER MACROPHYLLUM / BIG-LEAF MAPLE	51	2 GAL
AR	ALNUS RUBRA / RED ALDER	285	1 GAL
B	BETULA Papyrifera / PAPER BIRCH	22	2 GAL
F	FRAXINUS LATIFOLIA / OREGON ASH	22	2 GAL
PS	PICEA SITCHENSIS / SITKA SPRUCE	88	40% 5 GAL / 60% 2 GAL
PT	POPULUS TRICHOCARPA / BLACK COTTONWOOD	115	1 GAL
PC	PRUNUS EMARGINATA / BITTER CHERRY	7	2 GAL
PM	PSEUDOTSUGA MENZIESII / DOUGLAS FIR	88	40% 5 GAL / 60% 2 GAL
T	THUJA Plicata / WESTERN RED CEDAR	88	40% 5 GAL / 60% 2 GAL
SHRUBS			
CM	ACER CIRCINATUM / VINE MAPLE	318	2 GAL
GN	BERBERIS NERVOSA / LOW OREGON GRAPE	82	1 GAL
CS	CORNUS STOLONIFERA / RED OSIER DOGWOOD	330	2 GAL
CH	CORYLUS CORNUTA / BEAKED HAZELNUT	107	2 GAL
CD	CRATAEGUS DOUGLASII / BLACK HAWTHORN	87	1 GAL
HO	HOLDISCUS DISCOLOR / OCEAN SPRAY	98	1 GAL
OC	OEMLERIA CERASIFORMIS / INDIAN PLUM	47	1 GAL
PL	PHILADELPHUS LEWISII / MOCK ORANGE	108	1 GAL
PN	PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK	284	1 GAL
RS	RIBES SANGUINEUM / RED FLOWERING CURRANT	110	1 GAL
PR	ROSA PISOCARPA / PEAFRUIT ROSE	52	1 GAL
NR	ROSA NUTKANA / NOOTKA ROSE	310	1 GAL
RP	RUBUS PARVIFLORUS / THIMBLEBERRY	42	1 GAL
RS	RUBUS SPECTABILIS / SALMONBERRY	145	1 GAL
SL	SALIX LASIANDRA / PACIFIC WILLOW	131	1 GAL
SC	SALIX SCOULERIANA / SCOULER'S WILLOW	80	1 GAL
SI	SALIX SITCHENSIS / SITKA WILLOW	197	1 GAL
SE	SAMBUCUS RACEMOSA / RED ELDERBERRY	66	1 GAL
SD	SPIRAEA DOUGLASII / HARDHACK	68	1 GAL
SN	SYMPHORICARPOS ALBUS / SNWBERRY	87	1 GAL
PERENNIALS / EMERGENTS / GROUNDCOVER			
	CAREX KELLOGGII / KELLOGG'S SEDGE	708	20% DIVIDERS @ 12" O.C.
	CAREX OBNUPTA / SLOUGH SEDGE (SHADE ONLY)	530	15% DIVIDERS @ 12" O.C.
	JUNCUS ACUMINATUS / TAPER TIP RUSH	530	15% DIVIDERS @ 12" O.C.
	JUNCUS ENSIFOLIUS / DAGGER LEAF RUSH	530	15% DIVIDERS @ 12" O.C.
	SCIRPUS MICROCARPUS / SMALL-FRUITED BULRUSH	885	25% DIVIDERS @ 12" O.C.
	SPARGANIUM EMERSUM / BUR-REED	354	10% DIVIDERS @ 12" O.C.
	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK	532	4" POTS @ 24" O.C.
	CAREX STIPATA / SAWBEAK SEDGE	82	DIVIDERS
	GAULTHERIA SHALLON / SALAL	220	DIVIDERS
	LUPINUS POLYPHYLLUS / LARGE-LEAVED LUPINE	88	4" POTS
	LYSICHITON AMERICANUM / SKUNK CABBAGE	24	1 GAL
	POLYSTICHUM MUNITUM / SWORD FERN	443	4" POTS
	POTAMOGETON NATANS / FLOATING-LEAVED PONDWEED	88	DIVIDERS
	SCIRPUS ACUTUS / HARDSTEM BULRUSH	259	DIVIDERS
	STACHYS COOLEYAE / COOLEY'S HEDGE-NETTLE	119	4" POTS
	OTHER		
	SEED MIX - INVASIVE CONTROL		SEE SPECS

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REVEGETATION PLAN

DESIGNED: M.G.	CHECKED: R.A.M.	KENT PROJECT NO. 5640	SCALE: HORIZ: AS NOTED	BAR IS ONE INCH ON ORIGINAL DRAWING ADJUST SCALES ACCORDINGLY
DRAWN: M.G.	PROJECT ENGR: R.A.M.	CONST. MGMT. REVIEW	VERT: AS NOTED	
APPROVED:	CITY ENGINEER	DATE: Nov. 8, 2003	0" 1"	



SE 256th Street Flume Removal
and Meridian Valley Creek Restoration
Revegetation Plan—Trail Area

City of Kent
King County, Washington