

GENERAL NOTES

THE NOTES AND DETAILS PROVIDED ON THIS SHEET SERVE AS THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND ILLUSTRATE SOME OF THE MOST COMMON TEMPORARY EROSION/SILTATION CONTROL BEST MANAGEMENT PRACTICES (BMPs). ALTHOUGH SOME MEASURES SHOWN HERE MAY NOT BE SPECIFIED FOR THIS PROJECT, THE DETAILS ARE PROVIDED FOR FUTURE REFERENCE SHOULD SITE CONDITIONS REQUIRE ADDITIONAL MEASURES BEYOND THOSE SPECIFIED. APPROPRIATE RESPONSES TO UNANTICIPATED SITE CONDITIONS MAY INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING ADDITIONAL BMPs:

- STRAW MULCH
 - JUTE OR SYNTHETIC MATTING, EITHER GENERIC OR PROPRIETARY
 - TEMPORARY DITCHES, SWALES, DIKES, OR BASINS
 - BRUSH OR GRAVEL FILTER BERMS
 - ANCHORED PLASTIC CHECK DAMS
 - SLOPE SCARIFICATION OR TERRACING
 - TIRE WASH STATIONS
 - ROCK CHECK DAMS
 - DUST CONTROL
- SUCH MEASURES SHALL BE SELECTED BY THE CONTRACTOR IN CONSULTATION WITH THE PROJECT CIVIL ENGINEER AND SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, ENGINEER'S DESIGN OR STANDARD CONSTRUCTION INDUSTRY PRACTICE, AS THE SITUATION DICTATES.

1. THE TEMPORARY EROSION/SEDIMENTATION CONTROL FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OR LAND CLEARING IN ANY DISTURBED AREA. THE FACILITIES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND SHALL BE REMOVED OR DESTROYED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION. THESE FACILITIES MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION AND LANDSCAPING IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED.

2. NONCOMPLIANCE WITH THE EROSION CONTROL REQUIREMENTS, WATER QUALITY REQUIREMENTS, AND/OR CLEARING LIMITS MAY RESULT IN REVOCATION OF SUBJECT PERMITS OR PLAN APPROVAL, FINES, AND BOND FORFEITURES.

3. FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING IMPROVED OR MODIFIED FACILITIES AS NECESSARY TO MAINTAIN RUNOFF WATER QUALITY DURING AND AFTER SIGNIFICANT STORM EVENTS IN ORDER TO ADDRESS THE ACTUAL SITE AND SOILS CONDITIONS ENCOUNTERED.

4. CONTRACTOR SHALL MAINTAIN ON-SITE AT ALL TIMES SUFFICIENT QUANTITIES OF EROSION CONTROL MATERIALS TO COVER ALL EXPOSED SOIL IN THE EVENT OF UNANTICIPATED WEATHER CONDITIONS. CONTRACTOR MAY CONSIDER PHASING GRADING ON LARGE SITES TO MINIMIZE BARE SOIL EXPOSURE.

5. THE IMPLEMENTATION OF THESE PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.

6. ANY AREA STRIPPED OF VEGETATION WITH EXPOSED SOILS, INCLUDING ROADWAY EMBANKMENTS, THAT ARE NOT DESTROYED FOR TWO (2) YEARS AFTER THE END OF CONSTRUCTION SHALL BE REVEGETATED WITH SEEDS (SEE SPEC. 30) OR SHALL BE IMMEDIATELY STABILIZED WITH APPROVED METHODS (E.G. SEEDING, MULCHING, NETTING, EROSION BLANKETS, PLASTIC COVERING, ETC.). SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS.

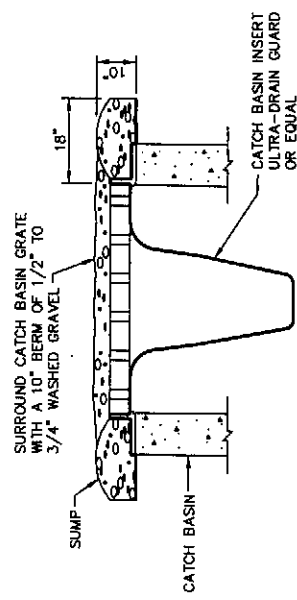
7. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.

SEEDING NOTES

1. ALL DISTURBED AREAS SHALL BE SEEDED OR LANDSCAPED IN ACCORDANCE WITH THE LANDSCAPE PLANS AND SPECIFICATIONS.
2. EFFECTIVE SEEDING IS BEST ACCOMPLISHED DURING THE MONTHS OF APRIL, MAY, JUNE, AND SEPTEMBER. SEEDING DURING JULY AND AUGUST MAY REQUIRE SUBSTANTIAL IRRIGATION. SEE WINTER GRADING NOTE ABOVE.
3. CONSTRUCTION ACCEPTANCE WILL BE SUBJECT TO A WELL ESTABLISHED GROUND COVER THAT FULFILLS THE REQUIREMENT OF THE APPROVED SWPPP AND THE LANDSCAPE PLANS.

CONTRACTOR RESPONSIBILITY FOR EROSION/SILTATION CONTROL

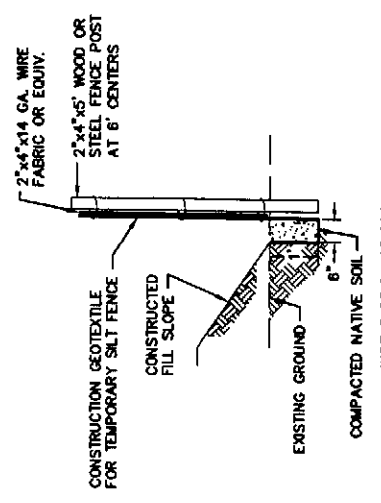
- IN THE EVENT THAT THE INSTALLED WATER QUALITY CONTROL MEASURES ARE INEFFECTIVE IN CONTROLLING EROSION AND TO PREVENT POLLUTANTS FROM ENTERING THE RECEIVING WATER BODY, THE CONTRACTOR SHALL IMMEDIATELY STOP ALL CONSTRUCTION AND CONSULT WITH THE PROJECT CIVIL ENGINEER TO FIND AN APPROPRIATE REMEDY. ALL CONSTRUCTION ACTIVITIES, WITH THE EXCEPTION OF EROSION AND SILTATION CONTROL MEASURES, SHALL CEASE UNTIL SUCH TIME AS THE WATER QUALITY IS BROUGHT UNDER CONTROL.
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING WEATHER CONDITIONS AND WEATHER ACTIVITY IN ORDER TO DETERMINE WHEN ALL PROJECT ACTIVITIES IN ANTICIPATION OF THE WEATHER.
 2. ALL SUPPLIES AND MATERIALS NECESSARY FOR IMPLEMENTING BMPs SHALL BE STORED ON SITE AND SHALL BE IMMEDIATELY AVAILABLE FOR USE. SUCH SUPPLIES AND MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO, STRAW BALES OR OTHER MULCHING MATERIAL, SILT FENCING AND STAKES, FILTER FABRIC, ETC.
 3. DURING AND AFTER RUNOFF PRODUCING STORM EVENTS, CONTRACTOR SHALL MONITOR ALL EROSION CONTROL MEASURES AND SHALL PRIORITIZE IMPLEMENTATION AND MAINTENANCE OF EROSION AND SILTATION CONTROL MEASURES ABOVE ALL OTHERS.



CATCH BASIN INLET PROTECTION

NTS
CATCH BASIN GRATES SHALL REMAIN BERMED UNTIL COMMENCEMENT OF PAVING.

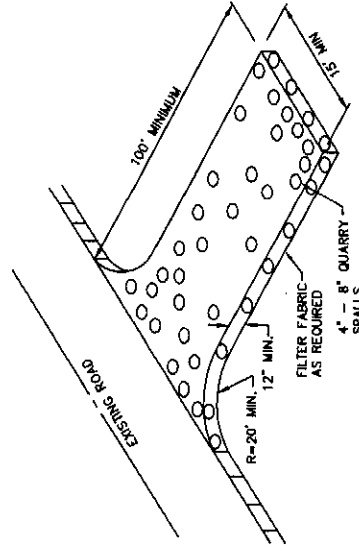
2
C7



TEMPORARY SILT FENCE DETAIL

NTS
WIRE FABRIC NOT REQUIRED FOR SILT FENCE INSTALLED AROUND INLETS.

1
C2



STABILIZED CONSTRUCTION ENTRANCE DETAIL

NTS
PURPOSE:
TO REDUCE THE AMOUNT OF MUD, DIRT, ROCKS, ETC. TRANSPORTED ONTO PUBLIC ROADS BY MOTOR VEHICLES OR RUNOFF BY CONSTRUCTING A STABILIZED PAD OF ROCK SPALLS AT ENTRANCES TO CONSTRUCTION SITES.


NOTE: IF THE ROCK PAD IS NOT EFFECTIVE IN REMOVING MATERIAL FROM VEHICLES, TIRES, OR ADEQUATELY FILTERING RUNOFF FROM THE SITE, OTHER MEASURES MAY BE REQUIRED BY THE OWNER.

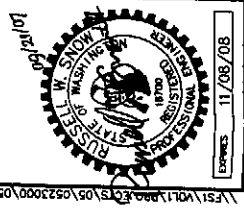
GENERAL:
MATERIAL SHOULD BE QUARRY SPALLS, 4" - 8" IN SIZE.
THE ROCK PAD SHALL BE AT LEAST 12 INCHES THICK, 15 FEET IN WIDTH MIN. AND 100 FEET IN LENGTH.

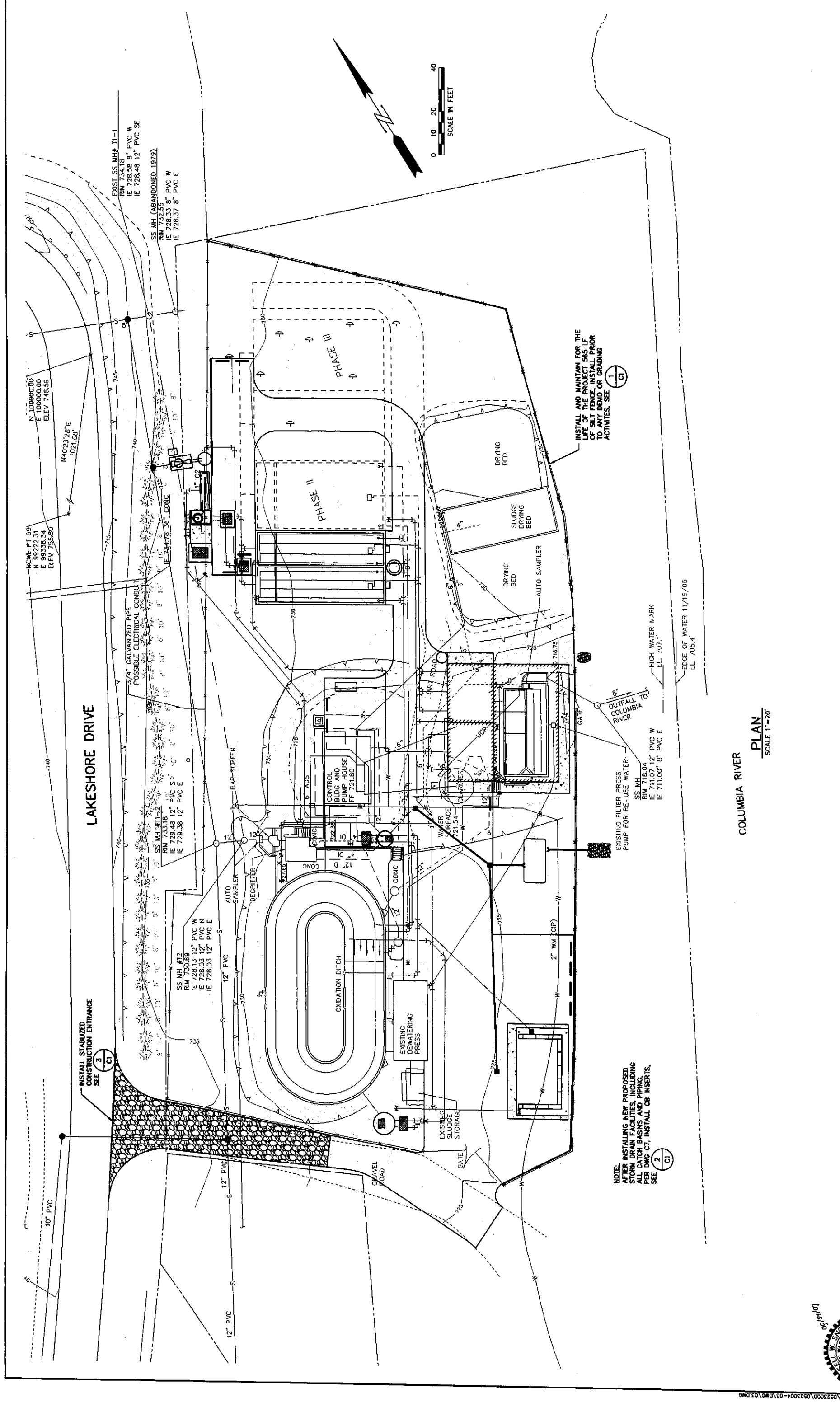
ADDITIONAL ROCK MAY HAVE TO BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE PAD.

ANY ROCK SPALLS THAT ARE LOOSENED FROM THE PAD AND END UP ON THE ROADWAY SHALL BE REMOVED IMMEDIATELY.

3
C2

	<p>CITY OF ENTIAT 2007 WASTEWATER TREATMENT FACILITIES IMPROVEMENTS</p>	<p>JOB NO. 0523004-03 DRAWING NO. C1 SHEET OF</p>
<p>SEATTLE (206) 632-2664 WENATCHEE (509) 662-1762 OMAK (509) 826-5861 LAKEWOOD (253) 472-1992</p>	<p>HAMMOND COLLIER WADE LIVINGSTONE</p>	<p>TESC NOTES AND DETAILS</p>
<p>DESIGNED BY: RRS DRAWN BY: M.R. DG CHECKED BY: [Signature] APPROVED BY: [Signature] DATE PRINTED: 09/20/07 SCALE: AS SHOWN P.B. NO.: 0523004-03</p>	<p>GENERAL NOTES</p>	<p>REVISIONS</p>





EXIST. SS. MH# 11-1
 RM 734.18
 IE 728.58 8" PVC W
 IE 728.48 12" PVC SE

SS MH (ABANDONED 1979)
 RM 732.56
 IE 728.33 8" PVC W
 IE 728.37 8" PVC E

HCML-PT 69
 N 99222.31
 E 99338.34
 ELEV 755.80

M40°23'28"E
 1021.08'

LAKESHORE DRIVE

INSTALL STABILIZED
 CONSTRUCTION ENTRANCE
 SEE 3
 (C1)

SS MH #12
 RM 750.69
 IE 728.13 12" PVC W
 IE 728.03 12" PVC N
 IE 728.03 12" PVC E

OXIDATION DITCH

EXISTING
 DEWATERING
 PRESS

EXISTING
 SLUDGE
 STORAGE

CONTROL
 BLDG AND
 PUMP HOUSE
 FF 721.80

PHASE II

PHASE III

DRYING
 BED

SLUDGE
 DRYING
 BED

DRYING
 BED

AUTO SAMPLER

EXISTING FILTER PRESS
 PUMP FOR RE-USE WATER

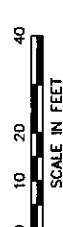
SS MH
 RM 718.04
 IE 711.07 12" PVC W
 IE 711.00 8" PVC E

HIGH WATER MARK
 EL. 707.1

EDGE OF WATER 11/16/05
 EL. 705.4

INSTALL AND MAINTAIN FOR THE
 LIFE OF THE PROJECT 565 LF
 OF SILT FENCE. INSTALL PRIOR
 TO ANY DIRT OR GRADING
 ACTIVITIES. SEE 1
 (C1)

NOTE:
 AFTER INSTALLING NEW PROPOSED
 STORM DRAIN FACILITIES, INCLUDING
 ALL CATCH BASINS AND PIPING,
 PER DWG C1, INSTALL C8 INSERTS.
 SEE 2
 (C1)

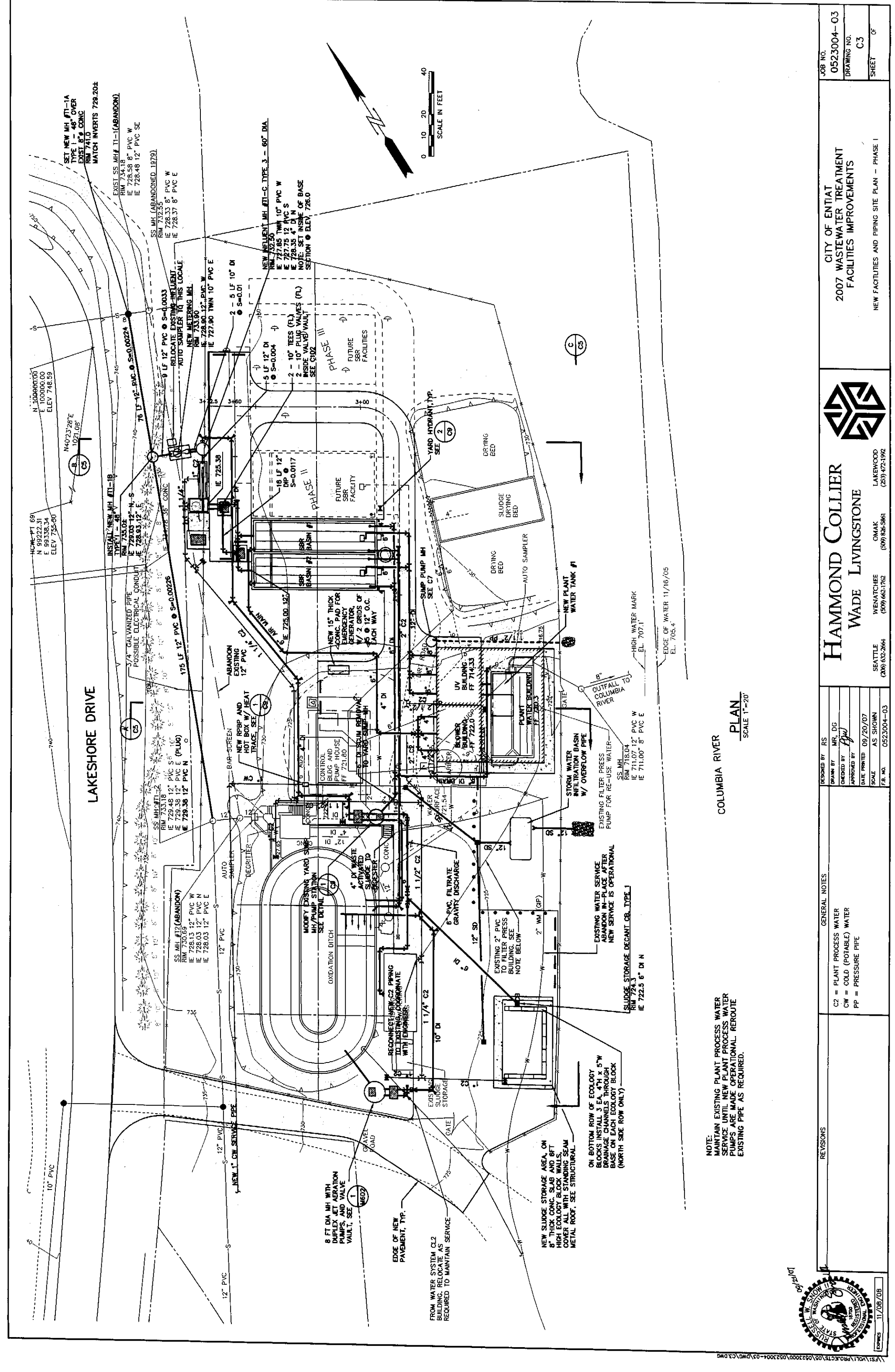


SCALE IN FEET
 0 10 20 40

COLUMBIA RIVER

PLAN
 SCALE 1"=20'

DESIGNED BY RS	DRAWN BY MR. DG	CHECKED BY [Signature]	APPROVED BY [Signature]	DATE PRINTED 09/20/07	SCALE AS SHOWN	F.B. NO. 0523004-03	GENERAL NOTES	REVISIONS		CITY OF ENTIAI 2007 WASTEWATER TREATMENT FACILITIES IMPROVEMENTS		TESC PLAN SHEET OF	JOB NO. 0523004-03	DRAWING NO. C2



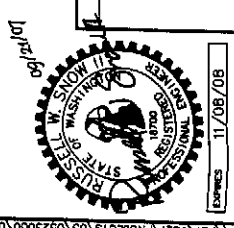
LAKESHORE DRIVE

COLUMBIA RIVER

NOTE: MAINTAIN EXISTING PLANT PROCESS WATER SERVICE UNTIL NEW PLANT PROCESS WATER PUMPS ARE MADE OPERATIONAL. REROUTE EXISTING PIPE AS REQUIRED.

PLAN
SCALE 1"=20'

<p>HAMMOND COLLIER WADE LIVINGSTONE</p>	<p>CITY OF ENTIAI 2007 WASTEWATER TREATMENT FACILITIES IMPROVEMENTS</p>	<p>JOB NO. 0523004-03</p>
		<p>DRAWING NO. C3</p>
<p>SEATTLE (206) 632-2664</p>	<p>OMAK (509) 826-5861</p>	<p>LAKEMOOD (253) 472-1992</p>
<p>DESIGNED BY: RS</p>	<p>DRAWN BY: MR. DG</p>	<p>CHECKED BY: [Signature]</p>
<p>DATE PRINTED: 09/20/07</p>	<p>SCALE: AS SHOWN</p>	<p>FR. NO.: 0523004-03</p>
<p>GENERAL NOTES</p> <p>C2 = PLANT PROCESS WATER CW = COLD (POTABLE) WATER PP = PRESSURE PIPE</p>	<p>REVISIONS</p>	<p>SHEET 0'</p>



11/09/08

