# **100% DESIGN SHELTON HARBOR SEDIMENT CLEANUP UNIT INTERIM ACTION (SEASON 2)**

## SIMPSON TIMBER COMPANY



	DRAWING I
DWG #	TITLE
G-1	COVER SHEET
G-2	GENERAL NOTES
G-3	EXISTING CONDITIONS PLAN
G-4	TEMPORARY EROSION SEDIMENT
G-5	TESC DETAILS
C-1	CAPPING PLAN
C-2	CAPPING CROSS SECTIONS
C-3	CAPPING DETAILS
	DWG # G-1 G-2 G-3 G-4 G-5 C-1 C-2 C-3

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		PHILIPLAN	REV	DATE	BY	APP'D	DESCRIPTION	DESIGNED BY: J. LAPLANTE
		SAL CALL	ł					DRAWN BY: T. GRIGA
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V OFA CL								APPROVED BY: J. LAPLANTE
K GEAM		38792						SCALE: AS NOTED
		CONAL PORT						DATE: JUNE 2019

INDEX

CONTROL, ACCESS AND STAGING PLAN

## **PROJECT INFORMATION**

PROJECT LOCATION:	SHELTON HARBOR/OAKLAND BAY 204 E RAILROAD AVE SHELTON, WA 98584	VIEWED LOCK IS
OWNER:	SIMPSON TIMBER COMPANY 1305 STH AVENUE SUITE 2700 SEATTLE, WA 98101 PHONE: (360) 490-1216 CONTACT: JERRY ENSLOW	LAN INTENDED TO BE N COLOR, ADJACENT B BLUE"
ENGINEER:	ANCHOR QEA, LLC 720 OLIVE WAY, SUITE 1900 SEATTLE, WA 98101 PHONE: (206) 287-9130 CONTACT: JOHN LAPLANTE, P.E.	

## ISSUED FOR CONSTRUCTION

## SHELTON HARBOR SEDIMENT **CLEANUP UNIT INTERIM ACTION** (SEASON 2)

G-1

AT

COVER SHEET

SHEET NO. 1 OF 8

#### **GENERAL CONSTRUCTION NOTES:**

- 1. CONTRACT DOCUMENTS REFER TO THESE DRAWINGS AND PROJECT SPECIFICATIONS INCLUDED HEREIN.
- CONTRACTOR SHALL FURNISH ALL EQUIPMENT AND LABOR NECESSARY TO COMPLETE ALL WORK AS INDICATED ON THE CONTRACT DOCUMENTS.
- 3. CONTRACTOR SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRM THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION.
- 4. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER PRIOR TO PROCEEDING WITH THE WORK.
- 5. THE CONTRACTOR SHALL RECEIVE, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
- 6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE BY THE OWNER OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- 7. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
- 10. DETAILS ARE INTENDED TO SHOW THE FINAL RESULT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB SITE DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
- THE CONTRACTOR SHALL BE INCLUDED AS PART OF THE WORK.
  THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, ROADWAY, DRAINAGE WAYS, CULVERTS, AND VEGETATION UNTIL SUCH ITEMS ARE TO BE DISTURBED OR REMOVED AS INDICATED ON THE CONTRACT DOCUMENTS.
- 12. CONTRACTOR SHALL KEEP JOB SITE AREA CLEAN AND HAZARD-FREE. CONTRACTOR SHALL DISPOSE OF ALL DEBRIS AND RUBBISH FOR DURATION OF THE WORK. UPON COMPLETION OF WORK, CONTRACTOR SHALL REMOVE ALL MATERIAL AND EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY.
- 13. REPRESENTATIONS OF TRUE NORTH SHALL NOT BE USED TO IDENTIFY OR ESTABLISH THE BEARING OF TRUE NORTH AT THIS JOB SITE.
- WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
- 15. NOTES AND DETAILS ON THE CONTRACT DOCUMENTS SHALL 2. TAKE PRECEDENCE OVER GENERAL NOTES HEREIN.
- 16. DIMENSION CALLOUTS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE CONTRACT DOCUMENTS.
- THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURES, WORKERS. AND THE PUBLIC DURING CONSTRUCTION.
- ASTM, AASHTO, AND OTHER STANDARD SPECIFICATIONS NOTED ON THE CONTRACT DOCUMENTS SHALL BE OF THE LATEST VERSION, UNLESS NOTED OTHERWISE.

#### GENERAL CONSTRUCTION NOTES CONTINUED

- 19. WORK BELOW MEAN HIGHER HIGH WATER (MHHW) TO BE COMPLETED WITHIN THE APPROVED WORK WINDOW. SEE
- PERMITS AND SPECIFICATIONS FOR FURTHER DETAIL. 20. CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION
- MEETING PRIOR TO COMMENCEMENT OF THE CONSTRUCTION. MEETING, LOCATION, DATE, AND TIME TO BE DETERMINED BY THE OWNER.

#### **STANDARD CIVIL NOTES:**

- 1. ALL SITE WORK SHALL BE AS INDICATED ON THE CONTRACT DOCUMENTS.
- 2. DO NOT EXCAVATE OR DISTURB BEYOND THE JOB SITE AREA UNLESS NOTED OTHERWISE.
- RUBBISH, DEBRIS, GARBAGE, AND OTHER REFUSE SHALL BE REMOVED FROM THE JOB SITE AND DISPOSED OF LEGALLY.
- CONTRACTOR AND ITS EMPLOYEES SHALL PROVIDE SAFETY TRAINING FOR THE WORK CREW PRIOR TO STARTING THE PROJECT.
- THE AREAS OF THE JOB SITE DISTURBED BY THE WORK SHALL BE GRADED SMOOTH TO THE PRE-CONSTRUCTION GRADE AND PROTECTED AND/OR
- PRE-CONSTRUCTION GRADE AND PROTECTED AND/OF REVEGETATED AS SPECIFIED HEREIN. COMPACTED AREAS NEED TO BE RIPPED PRIOR TO SMOOTHING TO LEAVE AN AREA SUITABLE FOR PLANTING. 6 ALL MATERIALS SHALL BE NEW AND LINDAMAGED
- ALL MATERIALS SHALL BE NEW AND UNDAMAGED, UNLESS OTHERWISE APPROVED BY THE OWNER. THE SAME MANUFACTURER OF EACH ITEM SHALL BE USED THROUGHOUT THE WORK UNLESS OTHERWISE APPROVED BY THE OWNER.

#### UTILITY NOTES:

- THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE LOCATIONS OF EXISTING UTILITIES HAVE NOT BEEN FIELD VERIFIED. THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION REQUEST CENTER (ONE-CALL CENTER) AT 1-800-424-5555 FOR UTILITY LOCATIONS NOT LESS THAN TWO (2) BUSINESS DAYS BEFORE THE SCHEDULED DATE FOR EARTHWORK OR TRENCHING THAT MAY IMPACT EXISTING UTILITIES, UNLESS OTHERWISE NOTED.
- ALL ABANDONED UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK SHALL BE VERIFIED BY THE OWNER AND THE UTILITY FRANCHISE PRIOR TO DISTURBING THE UTILITIES. ONLY AFTER WRITTEN APPROVAL OF DISTURBANCE OR MODIFICATION OF THE UTILITY FROM THE UTILITY FRANCHISE IS RECEIVED BY THE OWNER MAY THE CONTRACTOR TAKE ACTION.
   SIZE, LOCATION, AND TYPE OF ANY UNDERGROUND
- UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON AS-BUILT DRAWINGS BY THE CONTRACTOR AND ISSUED TO THE OWNER AT COMPLETION OF THE PROJECT.

#### DETAIL AND SECTION REFERENCING



#### SURVEY NOTES:

1. TOPOGRAPHY AND BATHYMETRY IS A COMPOSITE OF SEVERAL SOURCES INCLUDING:

- (BLUEGREEN) LIDAR COLLECTED IN NOVEMBER 2016, PROVIDED BY SQUAXIN ISLAND TRIBE AND SPSSEG.
- BATHYMETRY SURVEY BY QUIGG BROTHERS, INC DATED FEBRUARY 8, 2019.
- LIDAR FROM PUGET SOUND LIDAR CONSORTIUM PERFORMED IN 2005.
- VERTICAL DATUM: MEAN LOWER LOW WATER (MLLW), FEET.
  HORIZONTAL DATUM: WASHINGTON STATE PLANE SOUTH
- ZONE, NAD83 FEET.
- 4. CONVERSION FOR NAVD88 AND MLLW DATUMS ACQUIRED FROM NOAAs VDATUM TOOL (v.3.2).

REVISIONS

DESCRIPTION





DESIGNED BY: J. LAPLANT

DRAWN BY: T. GRIGA

CHECKED BY: <u>G. BRUNKHORST</u> APPROVED BY: <u>J. LAPLANTE</u> SCALE: <u>AS NOTED</u>

DATE: JUNE 2019





ABBREVIATIONS AND ACRONYMS						
ITEM	TERM					
ABB	ABBREVIATION					
AC	ACRE OR ACRES					
BGID	BELOW GRATE INLET DEVICE					
BMP	BEST MANAGEMENT PRACTICE					
CONC	CONCRETE					
CY	CUBIC YARD					
DIA	DIAMETER					
EA	EACH					
EL	ELEVATION					
EX	EXISTING					
FT	FOOT OR FEET					
IN	INCH OR INCHES					
LOC(S)	LOCATION(S)					
LF	LINEAR FOOT					
MAX	MAXIMUM					
MHHW	MEAN HIGHER HIGH WATER					
MIN	MINIMUM					
MLLW	MEAN LOWER LOW WATER					
NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988					
O.C.	ON CENTER					
OHWL	ORDINARY HIGH WATER LINE					
P.E.	PROFESSIONAL ENGINEER					
QTY	QUANTITY					
RCP	REINFORCED CONCRETE PIPE					
S	SLOPE					
SF	SQUARE FOOT OR SQUARE FEET					
STA	STATION					
TYP	TYPICAL					
WAC	WASHINGTON ADMINISTRATIVE CODE					
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION					
WSEL	WATER SURFACE ELEVATION					

PLAN INTENDED TO BE VIEWED IN COLOR, ADJACENT BLOCK IS "BLUE"

ISSUED FOR CONSTRUCTION

## SHELTON HARBOR SEDIMENT CLEANUP UNIT INTERIM ACTION (SEASON 2)

G-2

**GENERAL NOTES** 









#### EROSION CONTROL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL MEASURES NECESSARY TO MEET CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPS) IN ACCORDANCE WITH WASHINGTON STATE DEPARTMENT OF ECOLOGY STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON (2012), WSDOT HIGHWAY RUNOFF MANUAL (2014), AND ALL OTHER STATE AND LOCAL REQUIREMENTS.
- 2. TEMPORARY EROSION AND SEDIMENT CONTROL (TESC) FEATURES SHALL BE INSTALLED TO PREVENT RUNOFF FROM THE PROJECT STOCKPILES FROM ENTERING ADJACENT SURFACE WATER BODY. THE NEED FOR THESE FEATURES, AND THEIR LOCATION, SHALL BE DETERMINED DURING CONSTRUCTION BASED ON THE ACTUAL LOCATION OF THE STOCKPILE ACTIVITIES.
- 3. FILTER FABRIC SILT FENCES, WHERE USED, SHALL BE INSTALLED ALONG A CONTOUR OF CONSTANT ELEVATION WHENEVER POSSIBLE.
- 4. ALTERNATIVES SUCH AS BRUSH BARRIERS MAY BE SUBSTITUTED IN LIEU OF SILT FENCES, SUBJECT TO APPROVAL OF THE ENGINEER.
- 5. TESC FEATURES SHALL BE USED BETWEEN ALL DRAINAGE DITCHES AND ADJACENT SURFACE WATER BODY WHERE THESE DITCHES ARE DOWNSTREAM OF THE STOCKPILE AREAS.
- 6. THE CONTRACTOR SHALL KEEP OFF-SITE STREETS THAT ARE IMPACTED AS A RESULT OF THE CONTRACTOR'S WORK CLEAN AT ALL TIMES. FLUSHING STREETS IS NOT ALLOWED. ALL STREETS SHOULD BE SWEPT USING HIGH EFFICIENCY VACUUM SWEEPERS.
- 7. THE TEMPORARY EROSION/SEDIMENT CONTROLS SHALL BE INSTALLED, INSPECTED, AND OPERATING BEFORE ANY STOCKPILING OCCURS. THESE CONTROLS MUST BE SATISFACTORILY MAINTAINED UNTIL CONSTRUCTION ACTIVITIES ARE APPROVED AS COMPLETE BY THE OWNER.

AT FULL SIZE, IF NOT ONE "BLUE

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## ISSUED FOR CONSTRUCTION

### SHELTON HARBOR SEDIMENT CLEANUP UNIT INTERIM ACTION (SEASON 2)



**TESC DETAILS** 

SHEET NO. 5 OF 8



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NTROL POIN	TS			EXISTING CONTOURS		
NORTHING	EASTING			(1 & 5 INTERVALS)		<b>F</b> \/
693978.4	995729.7					E T
694048.1	995720.7			APPROXIMATE PROJEC	LIVIIIS	
694090.1	995704.7		<b>o</b> <sup>SH-03</sup>	SEDIMENT SAMPLE LO	CATIONS	
694108.0	995684.0	1		CAP AREA		
694111.5	995675.1			EXTERNAL CAP SLOPE	(APPROX)	
694188.3	995692.7		💢 CP-100	CONTROL POINT		
694188.3	995916.5					
694053.0	996347.1					
693756.3	996347.1					
693756.3	996119.8	NOTES				
693799.6	996106.8	1. HO	ORIZONTAL DA	TUM: WASHINGTON STA	TE PLANE SOUT	Ή
693799.6	996014.6	2. VI	ERTICAL DATUN	A: MEAN LOWER LOW W	ATER, FEET.	
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693937.0	995995.0	A	PPROXIMATE LO R GAPS ARE IDE	DCATION OF SITE FEATUR ENTIFIED BETWEEN THE E	RES. IF INTERFER DGE OF CAPPIN	ENCE G AND
693961.2	995966.7	SI AI	TE STRUCTURES	S, CONTRACTOR SHALL N	IOTIFY THE ENG	INEER
693975.4	995920.8					
693979.1	995841.2					
693972.3	995756.5					
693927.9	995727.6					
693927.5	995716.7	_				
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PHILIPLAN	REV	DATE	BY	APP'D	DESCRIPTION	DESIGNED BY: J. LAPLAN	TE
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						APPROVED BY: J. LAPLAN	TE
38792						SCALE: AS NOTED	)
CONTRACTOR OF						DATE: JUNE 201	9
5/19							

