

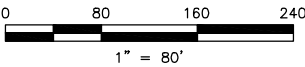
LEGEND:

- FINAL STABILIZATION
- EXISTING ASPHALT
- STABILIZED BERM
- CHECK DAM
- LIMITS OF WORK

NOTES:

- REFER TO GENERAL NOTES ON DRAWING G0006 FOR INFORMATION REGARDING TOPOGRAPHIC AND BATHYMETRIC DATA SOURCES.
- FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
- IF EXISTING CULVERT IS DAMAGED DURING CONSTRUCTION, REPLACE CULVERT WITH EQUIVALENT SIZE AND HYDRAULIC PERFORMANCE.
- EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED IN ACCORDANCE WITH STATE OF OREGON CONSTRUCTION STORMWATER BMP MANUAL.
- INSPECT AND REHABILITATE EXISTING POWERHOUSE ACCESS ROAD SWALES TO ADEQUATELY CONVEY RUNOFF TO THE EXISTING CULVERT INLETS.
- SEE C1622 AND C4601 FOR TYPICAL SECTIONS AND DETAILS.
- SEDIMENT GENERATED UPSLOPE TO BE CAPTURED IN EXISTING DRAINAGE AND CONVEYED TO A CHECK DAM BEFORE ENTERING EXISTING CULVERT.

Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence. Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site. At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.



PLAN  
1" = 80'

ISSUED FOR CONSTRUCTION

SEE SHEET C1602 FOR  
ADDITIONAL NOTES

REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	LB	CB	NSRM	05/27/22

WARNING  
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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE



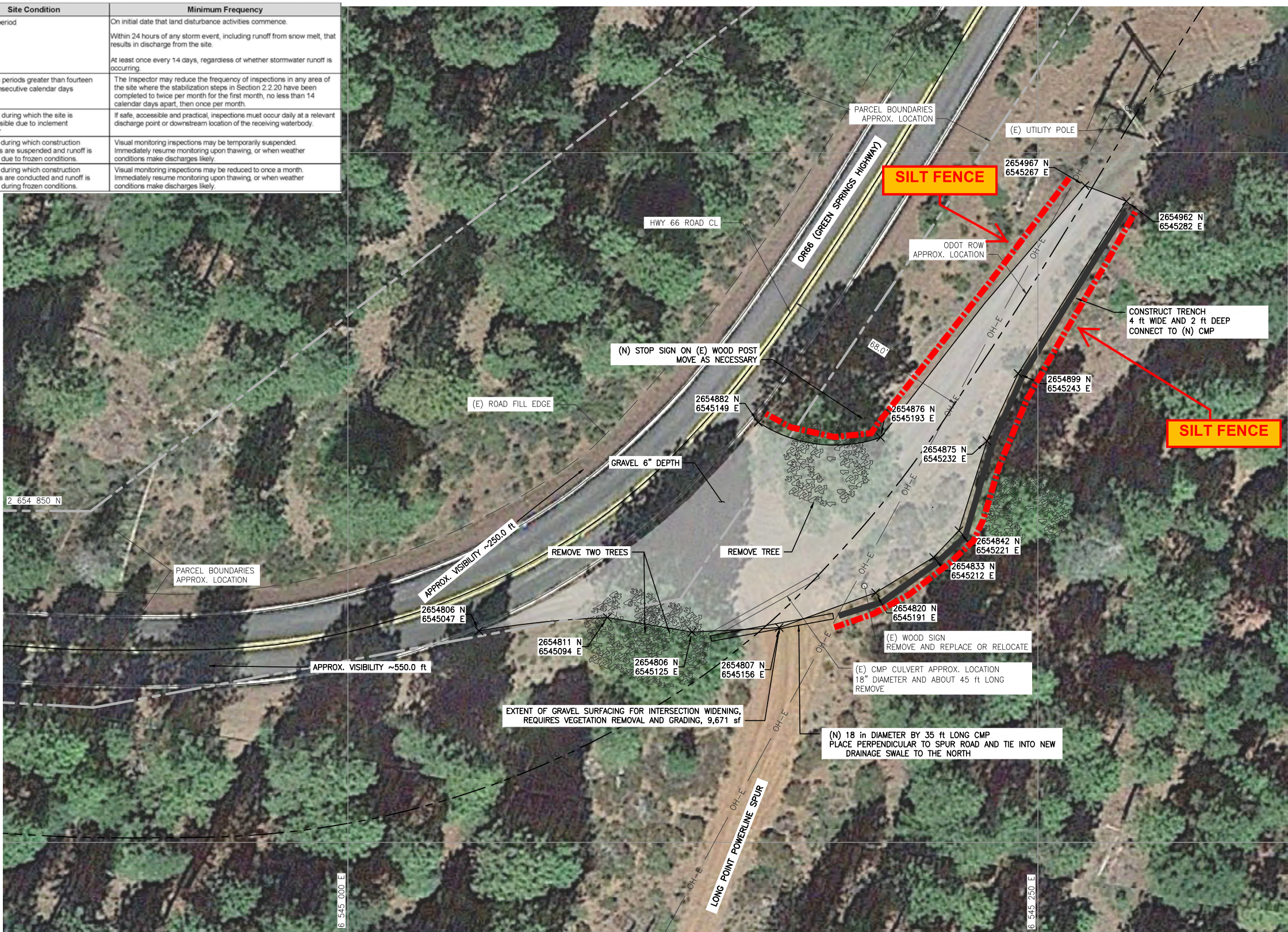
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	C. NIAMIR
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	KLAMATH RIVER RENEWAL PROJECT	PROJ #	VA103-640/1
SHEET TITLE	J.C. BOYLE FACILITY FINAL EROSION AND SEDIMENT CONTROL PENSTOCK AND POWERHOUSE	DATE	05/27/2022
DWG	C1624		



Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence. Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site. At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
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5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.

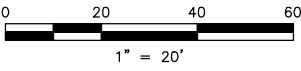


VICINITY MAP  
1" = 1 MILE

- NOTES:
- INTERSECTION IMPROVEMENT CONCEPT IS PROVIDED FOR ODOT AND BLM REVIEW. TRAFFIC MANAGEMENT FEATURES WILL BE DEVELOPED PENDING CONCEPT APPROVAL.
  - VERTICAL CURVATURE ON NORTH SIDE OF INTERSECTION IMPEDES SIGHT LINES.
  - EXTENT OF VEGETATION REMOVAL REQUIRED WILL BE DETERMINED BY THE CONTRACTOR, BLM, AND ODOT REVIEW.
  - SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.
  - SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
  - TRAFFIC MANAGEMENT PLAN, IF REQUIRED, SHALL BE COORDINATED AS APPROVED PER KLAMATH COUNTY MOU.
  - NO SURVEY HAS BEEN COMPLETED AND PROPERTY LINES HAVE NOT BEEN DELINEATED.
  - THE EXISTING CULVERT IS WITHIN THE FOOTPRINT SHOWN – CONFIRMED VISUALLY ON 9/17/2021 AND 5/24/2022. DUE TO THE CULVERT LOCATION AND REQUIRED TURNING RADIUS, IMPACT TO THE CULVERT IS UNAVOIDABLE. THE OUTLET IS CURRENTLY PLUGGED AND DAMAGED.
  - IF GRAVEL IS NEEDED FOR LARGER TURNING RADIUS, ADD CULVERT EXTENSION PRIOR TO BURYING END OF PIPE. EXTEND WITH 6" DIAMETER PLASTIC PIPE OR MATCH EXISTING.
  - WORK POINTS SHOWN ARE APPROXIMATE BASED ON AVAILABLE DATA, CONTRACTOR TO VERIFY CONTROL POINTS AND CULVERT LOCATION IN THE FIELD.

SEE SHEET C1602 FOR  
ADDITIONAL NOTES

PLAN  
1" = 20'



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0	ISSUED FOR CONSTRUCTION	JO	CS	SRM	05/27/22
REV	DESCRIPTION	BY	CHK	APP	DATE

WARNING  
0 1/2 1  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

PREPARED BY  
**Knight Piésold CONSULTING**  
**Kiewit**

DESIGNED	J. O'REILLY
DRAWN	K. FITZGERALD
REVIEWED	C. SCHLUMBERGER
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM

PREPARED FOR  
**KLAMATH RIVER RENEWAL CORPORATION**

PROJECT	KLAMATH RIVER RENEWAL PROJECT	PROJ #	VA103-640/1
SHEET TITLE	OR66 INTERSECTION 1 IMPROVEMENT SITE PLAN	DATE	05/27/2022
DWG	C6600		



ISSUED FOR CONSTRUCTION



Minimum Frequency	
On initial date that land disturbance activities commence.	
Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.	
At least once every 14 days, regardless of whether stormwater runoff is occurring.	
The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.	
If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.	
Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.	
Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.	

1. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES, AND CULVERT COMPONENTS.
2. SEE C5002 FOR LEGEND AND SYMBOLS.
3. SEE ROADS, BRIDGES, AND CULVERTS TECHNICAL SPECIFICATIONS (32 50 00) FOR QUALITY ASSURANCE INSPECTION AND TESTING REQUIREMENTS.
4. EXISTING CULVERT CROSSING SHALL BE PROTECTED OR RELOCATED. DEBRIS SHALL BE CLEARED AT THE INLET AND OUTLET TO ALLOW FOR DRAINAGE OF THE CONSTRUCTED TRENCH.
5. FINAL SITE REMEDIATION TO INCLUDE A 2' DEEP x 4' WIDE "TANK TRAP" STYLE DITCH TO ASSURE CARS CANNOT ACCESS/PARK IN THIS OPEN AREA FOLLOWING PROJECT COMPLETION.

$$\mathcal{N}$$
[illegible]



Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence. Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site. At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.

2 658 229 N

2 657 979 N

VEGETATION REMOVAL  
AS NEEDED

APPROX. LOCATION OF CREST OF HILL

HWY 66 ROAD CL

PARCEL BOUNDARIES  
APPROX. LOCATION

ODOT ROW  
APPROX. LOCATION

(E) STOP SIGN  
PRESERVE

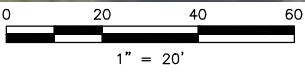
REMOVE 2 LARGE TREES

(E) ROAD SIGN WITH WOOD POST  
PRESERVE

LIMITS OF GRAVEL SURFACING FOR INTERSECTION WIDENING,  
2-6" ROCK  
REQUIRES VEGETATION REMOVAL AND GRADING, 4,183 sf

SILT FENCE

PLAN  
1" = 20'



VICINITY MAP  
1" = 1 MILE

- NOTES:
- INTERSECTION IMPROVEMENT CONCEPT IS PROVIDED FOR ODOT AND BLM REVIEW. TRAFFIC MANAGEMENT FEATURES WILL BE DEVELOPED PENDING CONCEPT APPROVAL.
  - VERTICAL CURVATURE ON NORTH SIDE OF INTERSECTION IMPEDES SIGHT LINES.
  - EXTENT OF VEGETATION REMOVAL REQUIRED WILL BE DETERMINED BY THE CONTRACTOR, BLM, AND ODOT REVIEW.
  - TRAFFIC SIGNAGE NEEDED. CONTRACTOR TO PROVIDE TRAFFIC CONTROL PLAN FOR SUBMITTAL AND REVIEW. THIS SIGHT HAS POOR VISIBILITY AND TRAFFIC COUNT IS HIGH AND SPEEDS ARE 55 mph.
    - CAUTION TRUCKS ENTERING HIGHWAY SIGNS WILL BE MINIMUM.
    - REDUCE SPEEDS SIGNS.
    - RIGHT TURN ONLY ENTERING AND EXITING HIGHWAY WITH CONSTRUCTION TRUCKS.
  - TRAFFIC MANAGEMENT PLAN, IF REQUIRED, SHALL BE COORDINATED AS APPROVED PER KLAMATH COUNTY MOU.
  - NO SURVEY HAS BEEN COMPLETED AND PROPERTY LINES HAVE NOT BEEN DELINEATED.
  - WORK POINTS SHOWN ARE APPROXIMATE BASED ON AVAILABLE DATA, CONTRACTOR TO VERIFY CONTROL POINTS AND CULVERT LOCATION IN THE FIELD.
  - SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
  - SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.



ISSUED FOR CONSTRUCTION

SEE SHEET C1602 FOR  
ADDITIONAL NOTES

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REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	JO	CS	SRM	05/27/22

WARNING  
0 1/2 1  
IF THIS BAR DOES  
NOT MEASURE 1"  
THEN DRAWING IS  
NOT TO SCALE



DESIGNED	J. O'REILLY
DRAWN	K. FITZGERALD
REVIEWED	C. SCHLUMPBERGER
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	KLAMATH RIVER RENEWAL PROJECT	PROJ #	VA103-640/1
SHEET TITLE	OR66 INTERSECTION 2 IMPROVEMENT SITE PLAN	DATE	05/27/2022
		DWG	C6610



PROJ #	VA103-640/1
DATE	05/27/2022
DWG	

C6611

$$\mathcal{N}$$

1. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES, AND CULVERT COMPONENTS.
2. SEE C5002 FOR LEGEND AND SYMBOLS.
3. SEE ROADS, BRIDGES, AND CULVERTS TECHNICAL SPECIFICATIONS (32 50 00) FOR QUALITY ASSURANCE INSPECTION AND TESTING REQUIREMENTS.





Proposed Work: Project entrance to be constructed within shaded area. Construction entrance to be constructed in accordance with ODOT specifications (i.e. placement of geotextile fabric and a minimum of 8" of aggregate). The entrance will be approximately 50-100' feet from OR66 and 18 feet wide. Two trees will be removed on the west side and 3 trees on the east side of the proposed entrance.

SEE SHEET C1602 FOR  
ADDITIONAL NOTES

Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence.  Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.  At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.



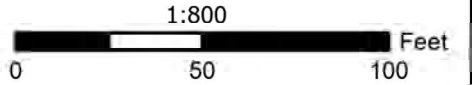
✗ Trees to be Removed

Gravel Coverage

Access Routes

# Lower Klamath Project

## OR-66 and North Access Rd #3 (Intersection 3)





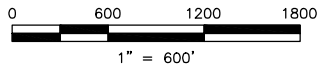


1. THE RECREATION SITE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PLAN DRAWINGS ARE PROVIDED AS A REFERENCE FOR TEMPORARY AND PERMANENT BMP INSTALLATION.
2. DEMOLITION AND REMOVAL SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS (SECTION 02 41 00 – (DEMOLITION AND FACILITY REMOVAL).
3. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.
4. SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
5. SEE C7000 SERIES FOR DEMOLITION PLANS.
6. DISTURBED AREA EXPOSED BY FEATURE REMOVAL WILL BE BACKFILLED AND COVERED WITH GRAVEL OR ON-SITE FILL MATERIAL TO MATCH EXISTING GRADES.
7. IN AREAS OF REMOVED GRAVEL, FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
8. TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES TO BE REMOVED ONCE DECONSTRUCTION WORK IS COMPLETED.

Site Condition	Minimum Frequency
1. Active period	<p>On initial date that land disturbance activities commence.</p> <p>Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.</p> <p>At least once every 14 days, regardless of whether stormwater runoff is occurring.</p>
2. Inactive periods greater than fourteen (14) consecutive calendar days	<p>The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.2.4 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.</p>
3. Periods during which the site is inaccessible due to inclement weather	<p>If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.</p>
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	<p>Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.</p>
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	<p>Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.</p>

# ISSUED FOR CONSTRUCTION

## PLAN

$$1'' = 600'$$


REGISTERED PROFESSIONAL  
ENGINEER  
15,654  
OREGON  
SEPT. 17, 1951  
CHARLES P. SCHLUMBERGER  
EXPIRES: 06/30/2022

EXPIRES: 06/30/2022


				<div>WARNING</div> <div>01/21</div> <div><div></div></div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE</div>				<div>PREPARED BY</div> <div><div><div></div></div><div>Knight Piesold CONSULTING</div></div> <div><div><div></div></div><div>Kiewit</div></div>				<div>DESIGNED</div> <div>K. FITZGERALD</div> <div>DRAWN</div> <div>K. FITZGERALD</div> <div>REVIEWED</div> <div>C. SCHLUMBERGER</div> <div>IN CHARGE</div> <div>N. BISHOP</div> <div>APPROVED</div> <div>S. MOTRAM</div>				<div>PREPARED FOR</div> <div><div><div></div></div><div>KLAMATH RIVER RENEWAL CORPORATION</div></div>				<div>PROJECT</div> <div>KLAMATH RIVER RENEWAL PROJECT</div>				<div>PROJ #</div> <div>VA103-640/1</div>	
																<div>DATE</div> <div>05/27/2022</div>									
																<div>DWG</div> <div>C7600</div>									
																<div>SHEET TITLE</div> <div>J.C. BOYLE RESERVOIR RECREATION FACILITY TEMPORARY &amp; PERMANENT EROSION &amp; SEDIMENT CONTROL PLAN KEY MAP</div>									
0 ISSUED FOR CONSTRUCTION				KFCS SRM05/27/22																					
REVDESCRIPTION				BYCHKAPPDATE																					





NOTES:


1. THE RECREATION SITE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PLAN DRAWINGS ARE PROVIDED AS A REFERENCE FOR TEMPORARY AND PERMANENT BMP INSTALLATION.
2. DEMOLITION AND REMOVAL SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS (SECTION 02 41 00 - (DEMOLITION AND FACILITY REMOVAL).
3. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.
4. SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
5. SEE C7005 FOR DEMOLITION PLAN.
6. EXISTING SITE INVENTORY WAS DEVELOPED USING AERIAL PHOTOGRAPHS AND SITE INSPECTIONS, CONDUCTED IN SEPTEMBER 2020.
7. REFER TO DRAWING G0050 AND G0051 FOR DEMOLITION MATERIAL SPECIFICATIONS AND WASTE DISPOSAL REQUIREMENTS.
8. GRAVEL FROM PARKING LOT TO BE REMOVED AND PLACED SOUTH OF ACCESS ROAD OUTSIDE OF THE NEW FENCE LINE FOR A NEW TURN-A-ROUND AND PARKING AREA.
9. DISTURBED AREA EXPOSED BY FEATURE REMOVAL WILL BE BACKFILLED AND COVERED WITH GRAVEL OR ON-SITE FILL MATERIAL TO MATCH EXISTING GRADES.
10. REMOVE ALL ABOVE-GROUND RELATED INFRASTRUCTURE, INCLUDING DECOMMISSIONING OF ACCESS ROAD AND BOAT RAMP AREA. DISK/RIP AND REGRADE/RECONTOUR THE ROAD AND BOAT RAMP SITES, AND HYDROSEED ACCORDING TO TECHNICAL SPECIFICATION 31 25 00, EROSION AND SEDIMENTATION CONTROLS.
11. IN AREAS OF REMOVED GRAVEL, FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.


LEGEND:


- 


EC-4: HYDROSEED WITH NATIVE SEED; SEE R0809 (80 SEEDS/sf OR (50 lb/AC) & ORGANIC TRACKIFIER (125 lb/AC)
- 


TC-1: STABILIZED CONSTRUCTION ENTRANCE/EXIT
- 

CONSTRUCTION ENTRANCE
- 

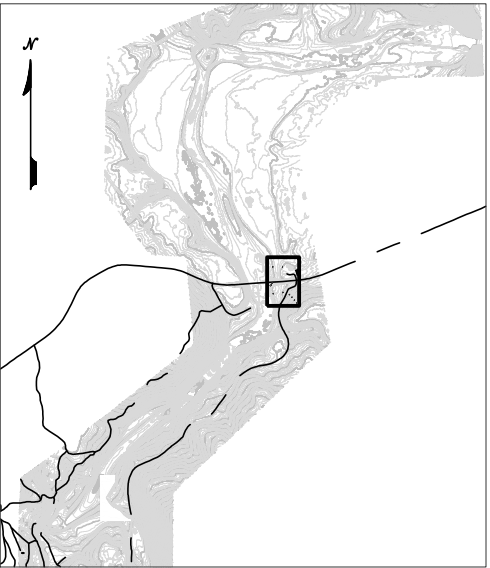
WM-4: SPILL PREVENTION & CONTROL
- 

SE-1: SILT FENCE
- 

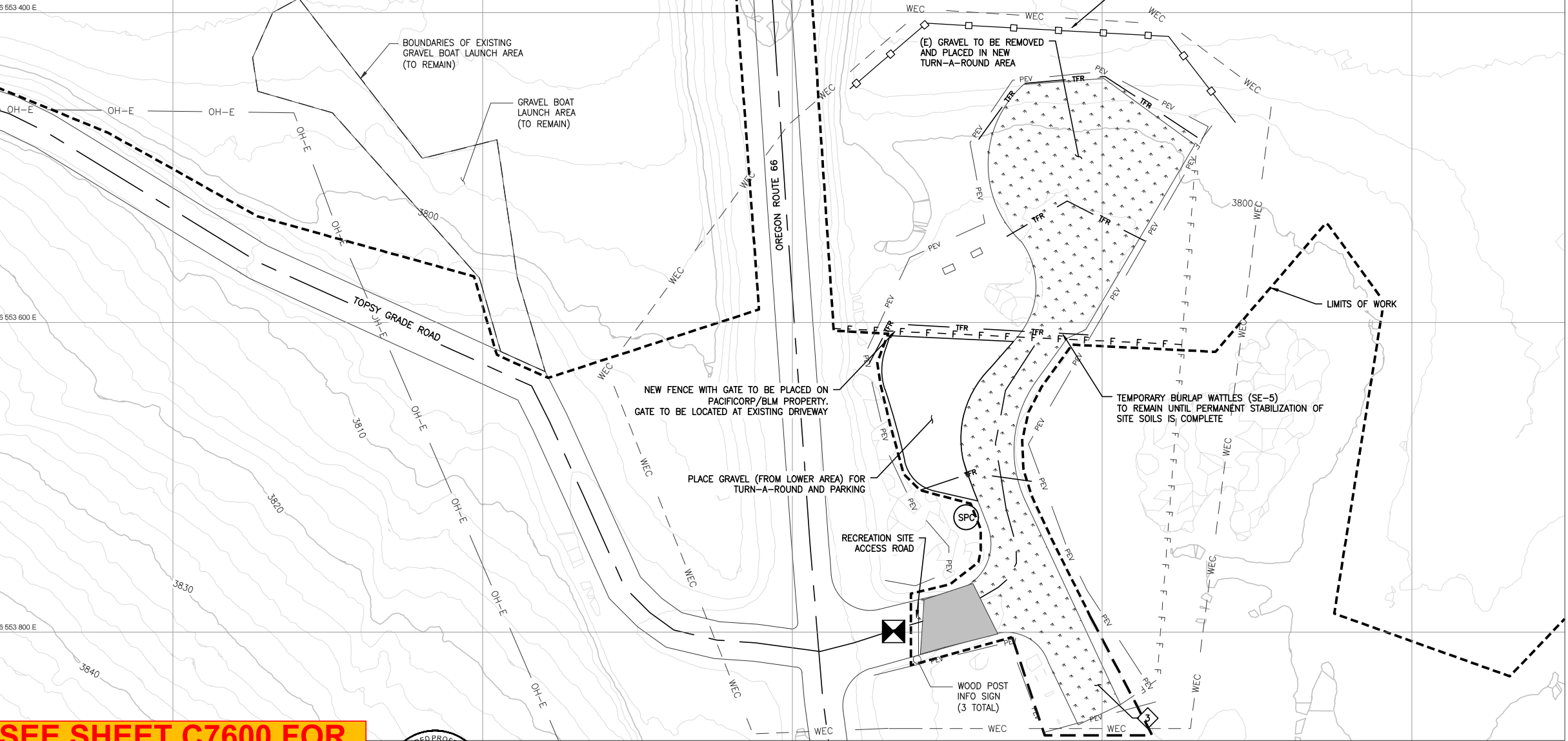
SE-5: TEMPORARY FIBER ROLL-BURLAP WATTLE
- 

WE-1: WIND EROSION CONTROL
- 

EC-2: PRESERVATION OF EXISTING VEGETATION



Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence. Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site. At least once every 14 days, regardless of whether stormwater runoff is occurring.
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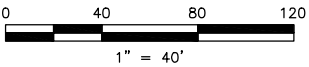
SEE SHEET C7600 FOR  
ADDITIONAL NOTES

ISSUED FOR CONSTRUCTION



PLAN

1" = 40'



REV	0	ISSUED FOR CONSTRUCTION	KF	CS	SRM	05/27/22
DESCRIPTION	BY	CHK	APP	DATE		

WARNING  
0 1/2 1  
IF THIS BAR DOES  
NOT MEASURE 1"  
THEN DRAWING IS  
NOT TO SCALE



DESIGNED	K. FITZGERALD
DRAWN	K. FITZGERALD
REVIEWED	C. SCHLUMBERGER
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	KLAMATH RIVER RENEWAL PROJECT	PROJ #	VA103-640/1
SHEET TITLE	PIONEER PARK EAST RECREATION FACILITY TEMPORARY & PERMANENT EROSION & SEDIMENT CONTROL PLAN	DATE	05/27/2022
		DWG	C7605



1. THE RECREATION SITE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PLAN DRAWINGS ARE PROVIDED AS A REFERENCE FOR TEMPORARY AND PERMANENT BMP INSTALLATION.
2. DEMOLITION AND REMOVAL SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS (SECTION 02 41 00 - (DEMOLITION AND FACILITY REMOVAL).
3. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.
4. SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
5. SEE C7010 FOR DEMOLITION PLAN.
6. EXISTING GUARDRAIL TO BE REPAIRED AND REMAIN. EXISTING ROAD BARRICADE TO REMAIN. ITEMS NOT SHOWN ON THIS DRAWING.
7. DISTURBED AREA EXPOSED BY FEATURE REMOVAL WILL BE BACKFILLED AND COVERED WITH GRAVEL OR ON-SITE FILL MATERIAL TO MATCH EXISTING GRADES.
8. IN AREAS OF REMOVED GRAVEL, FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.

EC-4: HYDROSEED WITH NATIVE SEED; SEE R0809  
(80 SEEDS/sf OR (50 lb/AC) & ORGANIC  
TRACKIFIER (125 lb/AC)

TC-1: STABILIZED CONSTRUCTION ENTRANCE/EXIT

CONSTRUCTION ENTRANCE

WM-4: SPILL PREVENTION & CONTROL

SE-1: SILT FENCE

SE-5: TEMPORARY FIBER ROLL-BURLAP WATTLE

WE-1: WIND EROSION CONTROL

EC-2: PRESERVATION OF EXISTING VEGETATION

EXISTING ASPHALT

TYPE 1 DRAINAGE SWALE

Site Condition	Minimum Frequency
1. Active period	<p>On initial date that land disturbance activities commence.</p> <p>Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.</p> <p>At least once every 14 days, regardless of whether stormwater runoff is occurring.</p>
2. Inactive periods greater than fourteen (14) consecutive calendar days	<p>The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.</p>
3. Periods during which the site is inaccessible due to inclement weather	<p>If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.</p>
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	<p>Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.</p>
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	<p>Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.</p>

**SEE SHEET C7600 FOR  
ADDITIONAL NOTES**



# ISSUED FOR CONSTRUCTION



IF THIS BAR DOES  
NOT MEASURE 1"  
THEN DRAWING IS  
NOT TO SCALE

PREPARED BY



DESIGNED	K. FITZGERALD
DRAWN	K. FITZGERALD
REVIEWED	C. SCHLUMPBE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM

PREPARED FOR



PROJECT

# KLAMATH RIVER RENEWAL PROJECT

PROJ #

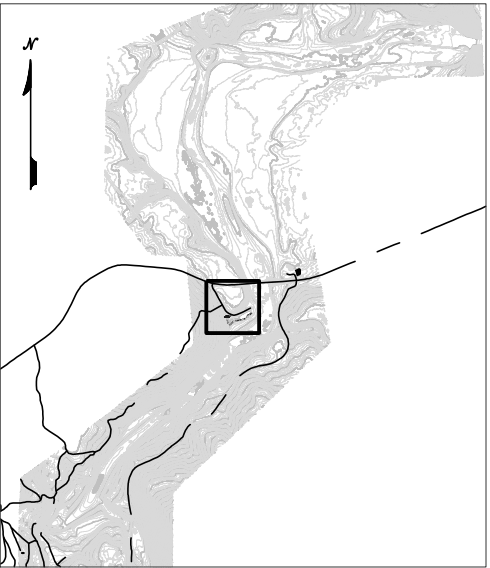
VA103-640/1

DATE \_\_\_\_\_

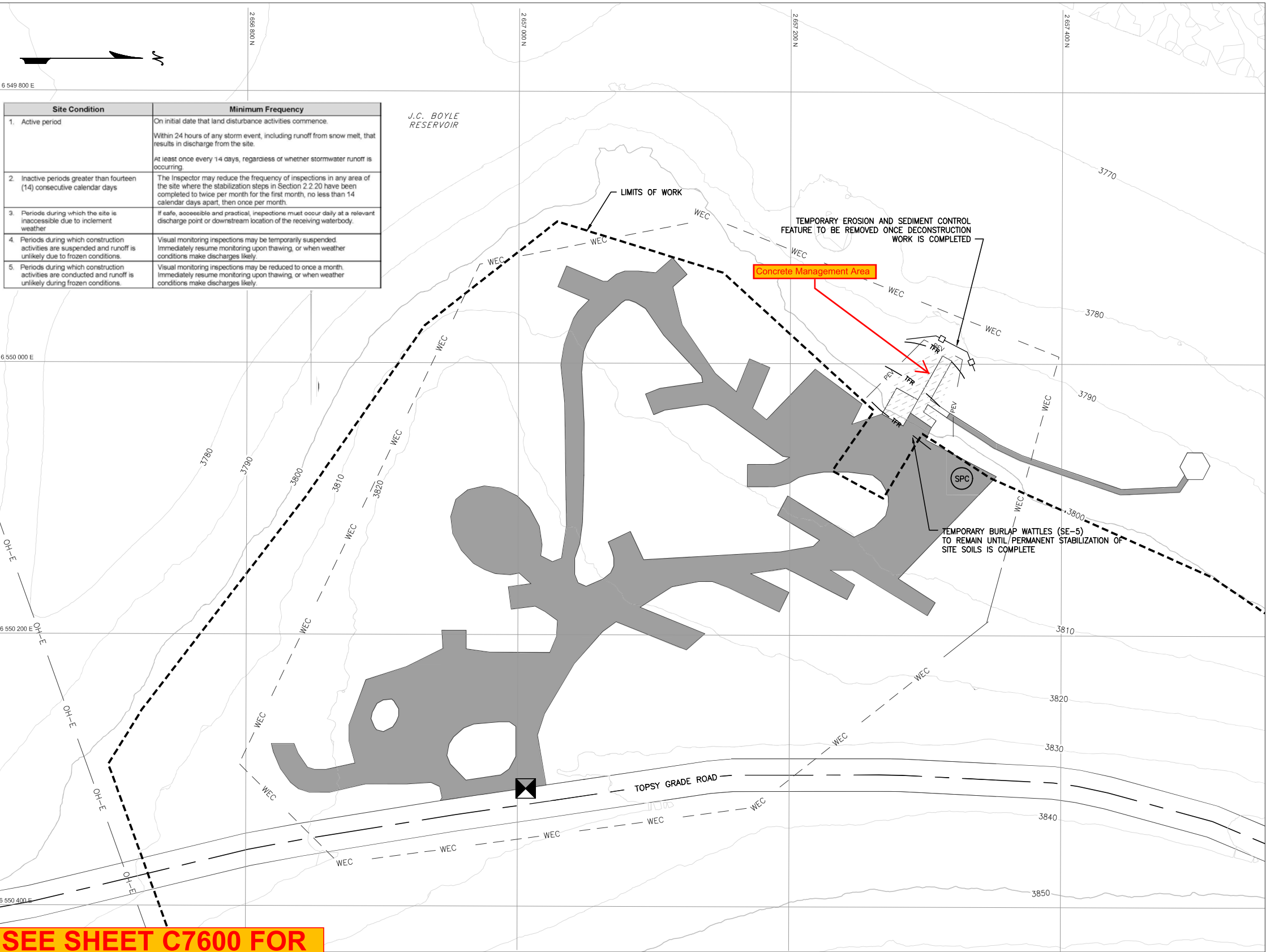
05/27/2022

DWG

C7610





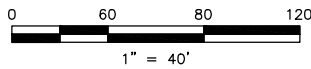


SEE SHEET C7600 FOR  
ADDITIONAL NOTES

ISSUED FOR CONSTRUCTION

PLAN

1" = 40'

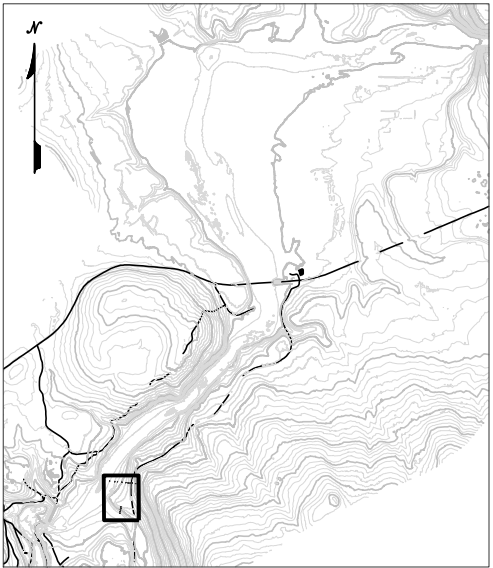


NOTES:

1. THE RECREATION SITE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PLAN DRAWINGS ARE PROVIDED AS A REFERENCE FOR TEMPORARY AND PERMANENT BMP INSTALLATION.
2. DEMOLITION AND REMOVAL SHALL BE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS (SECTION 02 41 00 - (DEMOLITION AND FACILITY REMOVAL).
3. SEE C5000 AND C5001 FOR GENERAL NOTES SPECIFIC TO ROADS, BRIDGES AND CULVERT COMPONENTS.
4. SEE C5002 AND G0005 FOR LEGEND AND SYMBOLS.
5. SEE C7015 FOR DEMOLITION PLAN.
6. EXISTING SITE INVENTORY WAS DEVELOPED USING AERIAL PHOTOGRAPHS AND SITE INSPECTIONS, CONDUCTED IN SEPTEMBER 2020.
7. GRAVEL AND ASPHALT SURFACES TO REMAIN IN PLACE.
8. UTILITIES SHALL BE SEVERED 1 ft MINIMUM BELOW GROUND SURFACE AND CAPPED APPROPRIATELY.
9. DISTURBED AREA EXPOSED BY FEATURE REMOVAL WILL BE BACKFILLED AND COVERED WITH GRAVEL OR ON-SITE FILL MATERIAL TO MATCH EXISTING GRADES.
10. FLOATING DOCK TO BE RE-USED AND RETAINED ONSITE FOR BLM TO REMOVE. RETAIN ADA FISHING PLATFORM AS IS (DO NOT DISMANTLE).
11. FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.

LEGEND:

- EC-4: HYDROSEED WITH NATIVE SEED; SEE R0809 (80 SEEDS/sf OR (50 lb/AC) & ORGANIC TRACKIFIER (125 lb/AC)
- TC-1: STABILIZED CONSTRUCTION ENTRANCE/EXIT
- CONSTRUCTION ENTRANCE
- WM-4: SPILL PREVENTION & CONTROL
- SE-1: SILT FENCE
- SE-5: TEMPORARY FIBER ROLL-BURLAP WATTLE
- WE-1: WIND EROSION CONTROL
- EC-2: PRESERVATION OF EXISTING VEGETATION
- EXISTING ASPHALT



PREPARED BY

**Knight Piésold**  
CONSULTING

**Kiewit**

DESIGNED K. FITZGERALD

DRAWN K. FITZGERALD

REVIEWED C. SCHLUMBERGER

IN CHARGE N. BISHOP

APPROVED S. MOTTRAM

PREPARED FOR

**KLAMATH RIVER RENEWAL CORPORATION**

PROJECT

**KLAMATH RIVER RENEWAL PROJECT**

SHEET TITLE

**TOPSY CAMPGROUND RECREATION FACILITY  
TEMPORARY & PERMANENT EROSION & SEDIMENT  
CONTROL PLAN**

PROJ #

VA103-640/1

DATE

05/27/2022

DWG

**C7615**

REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	KF	CS	SRM	05/27/22



IF THIS BAR DOES  
NOT MEASURE 1"  
THEN DRAWING IS  
NOT TO SCALE



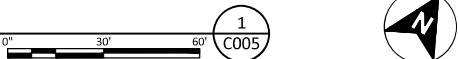
- SHEET NOTES:
- CONTRACTOR SHALL SUBMIT A PROPOSED DEWATERING PLAN FOR OWNER APPROVAL PRIOR TO IMPLEMENTATION. DEWATERING PLAN SHALL INCLUDE DRAWINGS OF PROPOSED DEWATERING CONFIGURATION, AND DESCRIPTION OF INSTALLATION AND REMOVAL SEQUENCING.
  - DEWATERING IS REQUIRED FOR INSTALLATION OF BOAT RAMP SUBBASE AND RAIL SYSTEM, BUT NOT FOR PRECAST PLANK INSTALLATION.
  - CONTRACTOR TO INSTALL TEMPORARY FLOATING TURBIDITY CURTAIN SURROUNDING THE PERIMETER OF IN-WATER WORK ACTIVITIES. CONTRACTOR SHALL SUBMIT FLOATING TURBIDITY CURTAIN SHOP DRAWINGS AND INSTALLATION PLAN FOR OWNER APPROVAL PRIOR TO IMPLEMENTATION.

Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence.  Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.  At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.



SEE SHEET C7600 FOR  
ADDITIONAL NOTES

PIONEER PARK WEST BOAT RAMP AND DRY HYDRANT PLAN  
SCALE: 1" = 30'



A	06/03/22	KRJ	100% DESIGN SUBMITTAL
REV	DATE	BY	DESCRIPTION

PRELIMINARY  
NOT FOR CONSTRUCTION

WARNING  
0 1/2 1  
IF THIS BAR DOES NOT  
MEASURE 1" THEN  
DRAWING IS NOT TO SCALE.



KLAMATH RIVER RENEWAL CORPORATION  
FIRE ACCESS BOAT RAMPS AND DRY HYDRANTS

EROSION AND SEDIMENT CONTROL  
PIONEER PARK WEST

DESIGNED K. JENSEN  
DRAWN R. WOOD  
CHECKED M. MCMILLEN  
PROJECT DATE 06/03/22

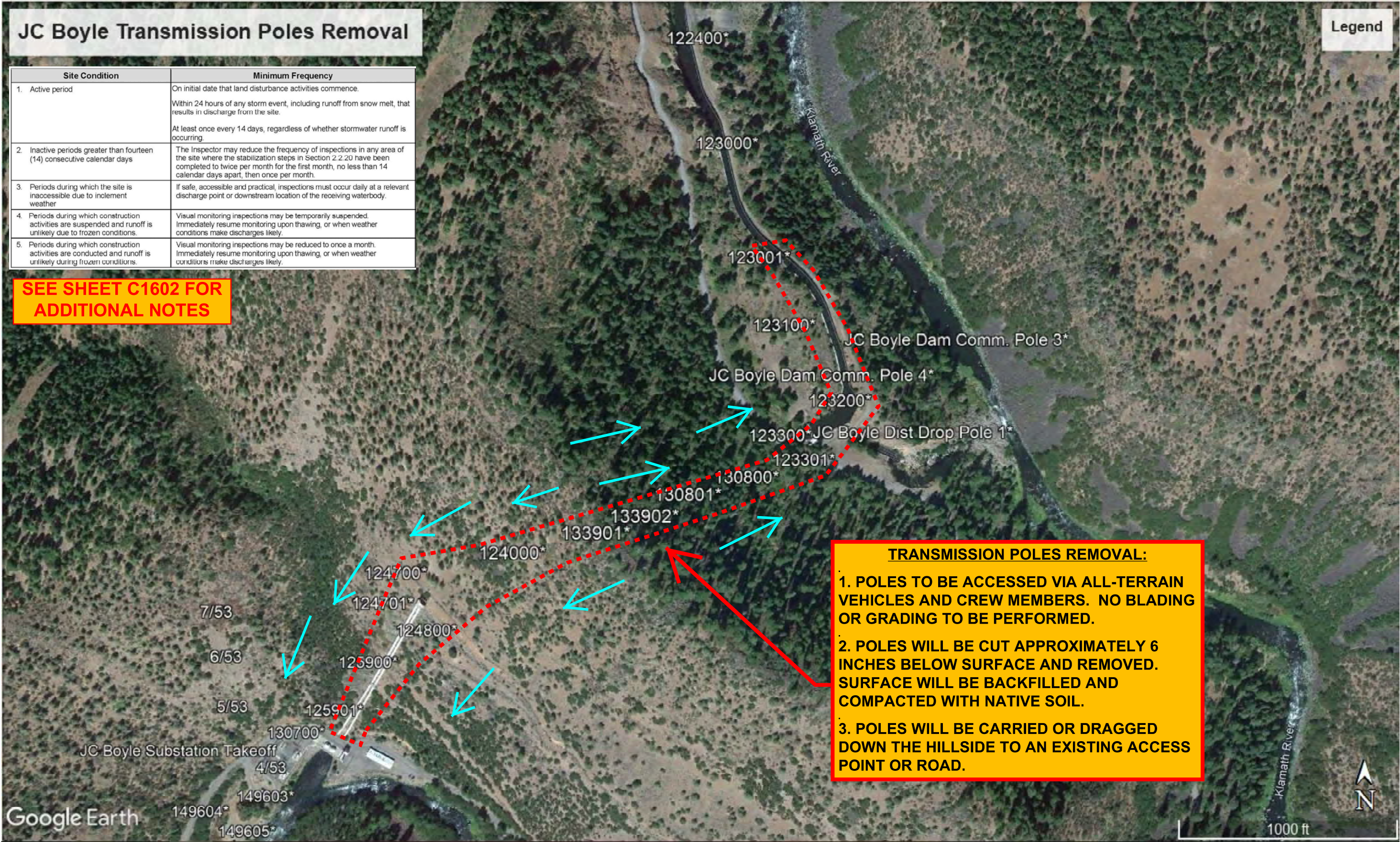
DRAWING  
EC500



JC Boyle Transmission Poles Removal

Site Condition	Minimum Frequency
1. Active period	On initial date that land disturbance activities commence.  Within 24 hours of any storm event, including runoff from snow melt, that results in discharge from the site.  At least once every 14 days, regardless of whether stormwater runoff is occurring.
2. Inactive periods greater than fourteen (14) consecutive calendar days	The Inspector may reduce the frequency of inspections in any area of the site where the stabilization steps in Section 2.2.20 have been completed to twice per month for the first month, no less than 14 calendar days apart, then once per month.
3. Periods during which the site is inaccessible due to inclement weather	If safe, accessible and practical, inspections must occur daily at a relevant discharge point or downstream location of the receiving waterbody.
4. Periods during which construction activities are suspended and runoff is unlikely due to frozen conditions.	Visual monitoring inspections may be temporarily suspended. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.
5. Periods during which construction activities are conducted and runoff is unlikely during frozen conditions.	Visual monitoring inspections may be reduced to once a month. Immediately resume monitoring upon thawing, or when weather conditions make discharges likely.

SEE SHEET C1602 FOR ADDITIONAL NOTES



TRANSMISSION POLES REMOVAL:

1. POLES TO BE ACCESSED VIA ALL-TERRAIN VEHICLES AND CREW MEMBERS. NO BLADING OR GRADING TO BE PERFORMED.
2. POLES WILL BE CUT APPROXIMATELY 6 INCHES BELOW SURFACE AND REMOVED. SURFACE WILL BE BACKFILLED AND COMPACTED WITH NATIVE SOIL.
3. POLES WILL BE CARRIED OR DRAGGED DOWN THE HILLSIDE TO AN EXISTING ACCESS POINT OR ROAD.



# EROSION AND SEDIMENT CONTROL PLAN

## KLAMATH RIVER RENEWAL PROJECT

### BOYLE RESERVOIR - PIONEER PARK WEST/PIER REMOVAL AND SPENCER CREEK STAG

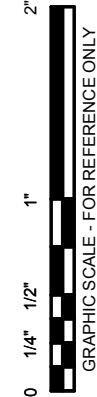
KLAMATH, OREGON

PRINTED: 4/6/2022 3:34:25 PM FMCHENRY \\sdc\central-01\data\cadd\k\klamath river renewal\drawings\sw0334\klamath-ec10tl.dwg IF ELECTRONIC SIGNATURE IS BROKEN OR MISSING - THIS IS NOT A LEGAL DRAWING DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 11" x 17"



0 1/4" 1/2" 1" 2"

GRAPHIC SCALE - FOR REFERENCE ONLY



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| # | DATE | BY | REVISION | APP | # | DATE | BY | REVISION | APP | <div> <div>---</div> <div>DESIGN NUMBER</div> </div> |
|---|------|----|----------|-----|---|------|----|----------|-----|--|

SW0334		
PROJECT NUMBER		

<div style="border-bottom: 1px solid black; margin-bottom: 5px;">SW0334</div> <div style="text-align: center; font-size: small;">PROJECT NUMBER</div>		
IF ELECTRONIC SIGNATURE IS BROKEN OR MISSING - THIS IS NOT A LEGAL DRAWING		

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

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1. NOT USED FOR THIS SHEET.
2. INSTALL GRAVEL CONSTRUCTION ENTRANCE, SHAKER RACK, OR WHEEL WASH PER BMP MANUAL SECTION 2.19. REFER TO SHEET EC-4 FOR DETAIL.
3. NOT USED FOR THIS SHEET.
4. PRESERVE EXISTING VEGETATION PER BMP MANUAL SECTION 2.1.
5. INSTALL STRAW WATTLES PER PER BMP MANUAL SECTION 2.16.
6. INSTALL PERIMETER CONTROL (SILT FENCE) PER BMP MANUAL SECTION 2.24. REFER TO SHEET EC-4 FOR DETAIL.
7. MAINTAIN NATURAL BUFFER ZONE PER 1200-C SECTION 2.2.4.
8. CONCRETE AND ASPHALT PRODUCTION PER BMP MANUAL SECTION 2.28.
9. NOT USED FOR THIS SHEET.
10. INSTALL CONTAINER AND WASTE STORAGE PER BMP MANUAL SECTION 2.31
11. INSTALL SECONDARY CONTAINMENT FOR FUEL TANKS PER BMP MANUAL SECTION 2.30. REFER TO SPPC PLAN.
12. POSITION PORTABLE RESTROOMS AWAY FROM WATERS OF THE STATE (1200-C SECTION 2.3.8)
13. PLASTIC SHEETING TO TEMPORARILY COVER SOIL STOCK PILES PER BMP MANUAL SECTION 2.7.
14. PREVENT WIND EROSION AND CONTROL DUST PER BMP MANUAL SECTION 2.8.
15. PROPOSED STAGING AREA TO BE ROLL AND CRUSH WITH MINIMAL GRADING. AREA TO BE LINED WITH GEOTEXTILE PER BMP MANUAL SECTION 2.6. WOOD MULCH TO BE PLACED ON TOP OF GEOTEXTILE AND. GRAVEL TO BE PLACED ON AREAS FOR PARKING AND FUELING.
16. TREES TO BE PRESERVED WILL BE SHOWN AFTER THE 100% DESIGN.
17. PREEXISTING DEVELOPED ROADS WILL BE UTILIZED WITHIN THE 50FT BUFFER ZONE. REQUIREMENTS PER 1200-C SECTION 2.2.4 ARE NOT APPLICABLE.
18. NOT USED FOR THIS SHEET.

SECURITY FENCE  
SILT FENCE  
STRAW WATTLE  
PROPOSED ACCESS ROAD  
LIMITS OF DISTURBANCE  
LIMITS OF WORK  
SLOPE DRAIN  
FLOW DIRECTION  
50-FT NATURAL BUFFER ZONE  
PROPOSED STAGING AREA  
PROPOSED DISPOSAL CUT AREA  
(STOCKPILE)  
CONSTRUCTION ENTRANCE  
RESERVOIR DEPENDENT WETLANDS  
RESERVOIR INDEPENDENT WETLANDS  
ENERGY DISSIPATOR

1.       ONSITE SOIL TYPE: BLY-ROYST COMPLEX, 1 TO 12 PERCENT SLOPES, HYDROLOGIC SOIL GROUP C
2.       EXISTING VEGETATION: TBD
3.       ONSITE FILL MATERIALS:
  - NATIVE SOIL (IF GRADING)
  - GRAVEL AGGREGATE (CRUSHED ROCK)
4.       PHASE SCHEDULE:  
START: 2023  
FINISH: 2029

## CLEARING & GRADING - SPENCER CREEK STAGING AREA

SUBMITTED BY	--	
DESIGN BY	--	
DRAWN BY	--	
CHECKED BY	--	
DATE	MAR 2022	
SHEET NO.	--	TYPE: --
DRAWING NO.	--	DISC. SHT. NO. EC-2.0

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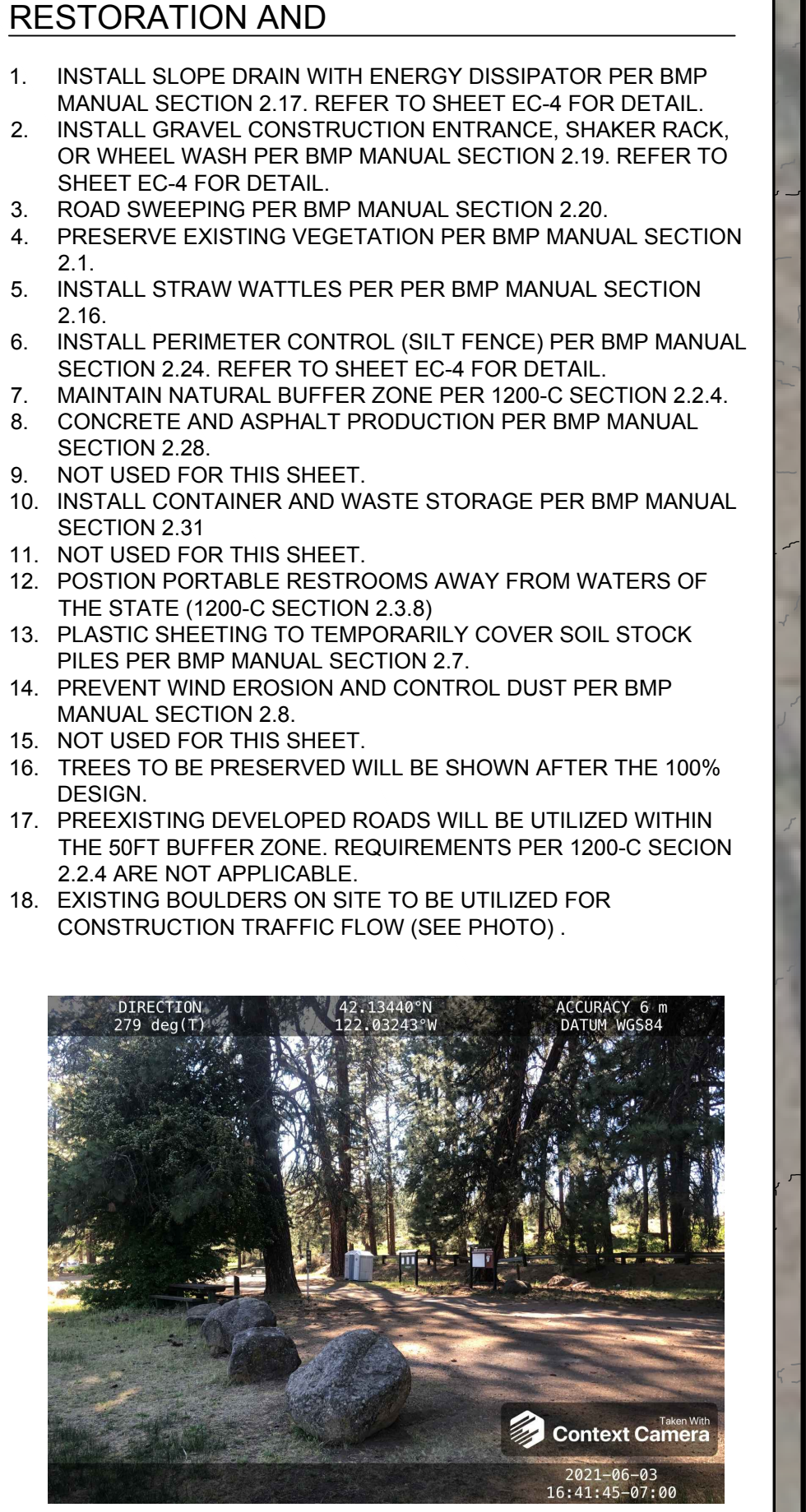
IF ELECTRONIC SIGNATURE IS BROKEN OR MISSING - THIS IS NOT A LEGAL DRAWING

DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 11" x 17







0 1/4" 1/2" 1" 2"  
GRAPHIC SCALE - FOR REFERENCE ONLY



1.       ONSITE SOIL TYPE:  
-BLY-ROYST COMPLEX, 1 TO 12 PERCENT SLOPES, HYDROLOGIC  
SOIL GROUP C  
-GREYSTOKE-PINEHURST COMPLEX, 12 TO 35 PERCENT NORTH  
SLOPES, HYDROLOGIC SOIL GROUP C
2.       EXISTING VEGETATION: TBD
3.       ONSITE FILL MATERIALS:  
-NONE
4.       PHASE SCHEDULE:  
START:    2023  
FINISH:   2030

 	
-- DESIGN NUMBER	2355 NORTHSIDE DRIVE SUITE 250, SAN DIEGO, CA 92108 TEL: 619/297-1530 SW0334 PROJECT NUMBER

KLAMATH RIVER RENEWAL PROJECT

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ESCP

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CLEARING & GRADING - PIONEER PARK WEST STAGING AREA  
AND PIER REMOVAL









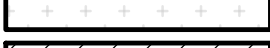
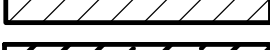
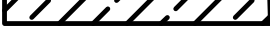



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DATE	MAR 2022	
SHEET NO.	--	TYPE: --
DRAWING NO.	--	DISC. SHT. NO. EC-2.1

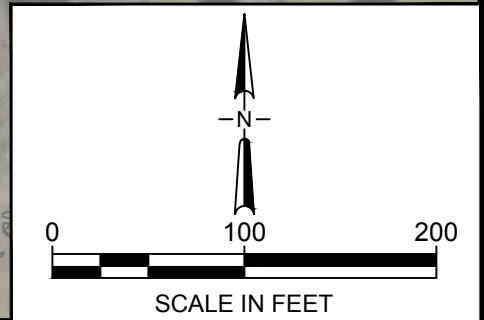




1. IF VEGETATIVE COVER EXISTS, THEN REESTABLISH VEGETATIVE COVER PER BMP MANUAL 2.3. AREA TO BE RESTORED THROUGH PRESERVATION OR REPLACEMENT OF TOPSOIL OR NATIVE SEED.
2. EXISTING ACCESS ROAD TO BE STABILIZED WITH GRAVEL AGGREGATE PER 1200-C SECTION 2.2.20 AND 2.2.21.
3. ALL PERIMETER SEDIMENT FENCING AND STRAW WATTLES TO BE REMOVED UPON COMPLETION OF THIS PHASE. BIODegradable WATTLES AND/OR WATER BARS TO REMAIN IN PLACE ON THE ROADS.
4. PHASE SCHEDULE:  
START: TBD  
FINISH: 2030

**LEGEND:**

	SECURITY FENCE
	SILT FENCE
	STRAW WATTLE
	PROPOSED ACCESS ROAD
	LIMITS OF DISTURBANCE
	LIMITS OF WORK
	SLOPE DRAIN
	FLOW DIRECTION
	VEGETATION RESTORATION AREA
	PROPOSED STAGING AREA
	PROPOSED DISPOSAL CUT AREA (STOCKPILE)
	CONSTRUCTION ENTRANCE
	RESERVOIR DEPENDENT WETLANDS
	ENERGY DISSIPATOR

[illegible]

**Geosyntec**<sup>®</sup>  
consultants

2355 NORTHSIDE DRIVE SUITE 250, SAN DIEGO, CA 92108  
TEL: 619-297-1530

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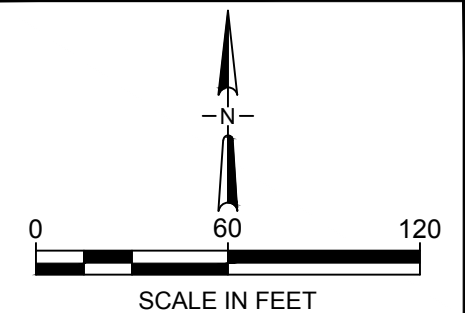
**SW0334**  
PROJECT NUMBER

ESCP

## STABILIZATION - SPENCER CREEK STAGING AREA

SUBMITTED BY	--	
DESIGN BY	--	
DRAWN BY	--	
CHECKED BY	--	
DATE	MAR 2022	
SHEET NO.	--	TYPE: --
DRAWING NO.	--	DISC. SHT. NO. EC-3.0





1. IF VEGETATIVE COVER EXISTS, THEN REESTABLISH VEGETATIVE COVER PER BMP MANUAL 2.3. AREA TO BE RESTORED THROUGH PRESERVATION OR REPLACEMENT OF TOPSOIL OR NATIVE SEED.
2. EXISTING ACCESS ROAD TO BE STABILIZED PER 1200-C SECTION 2.2.20 AND 2.2.21.
3. ALL PERIMETER SEDIMENT FENCING AND STRAW WATTLES TO BE REMOVED UPON COMPLETION OF THIS PHASE. BIODEGRADABLE WATTLES AND/OR WATER BARS TO REMAIN IN PLACE ON THE ROADS.
4. PHASE SCHEDULE:

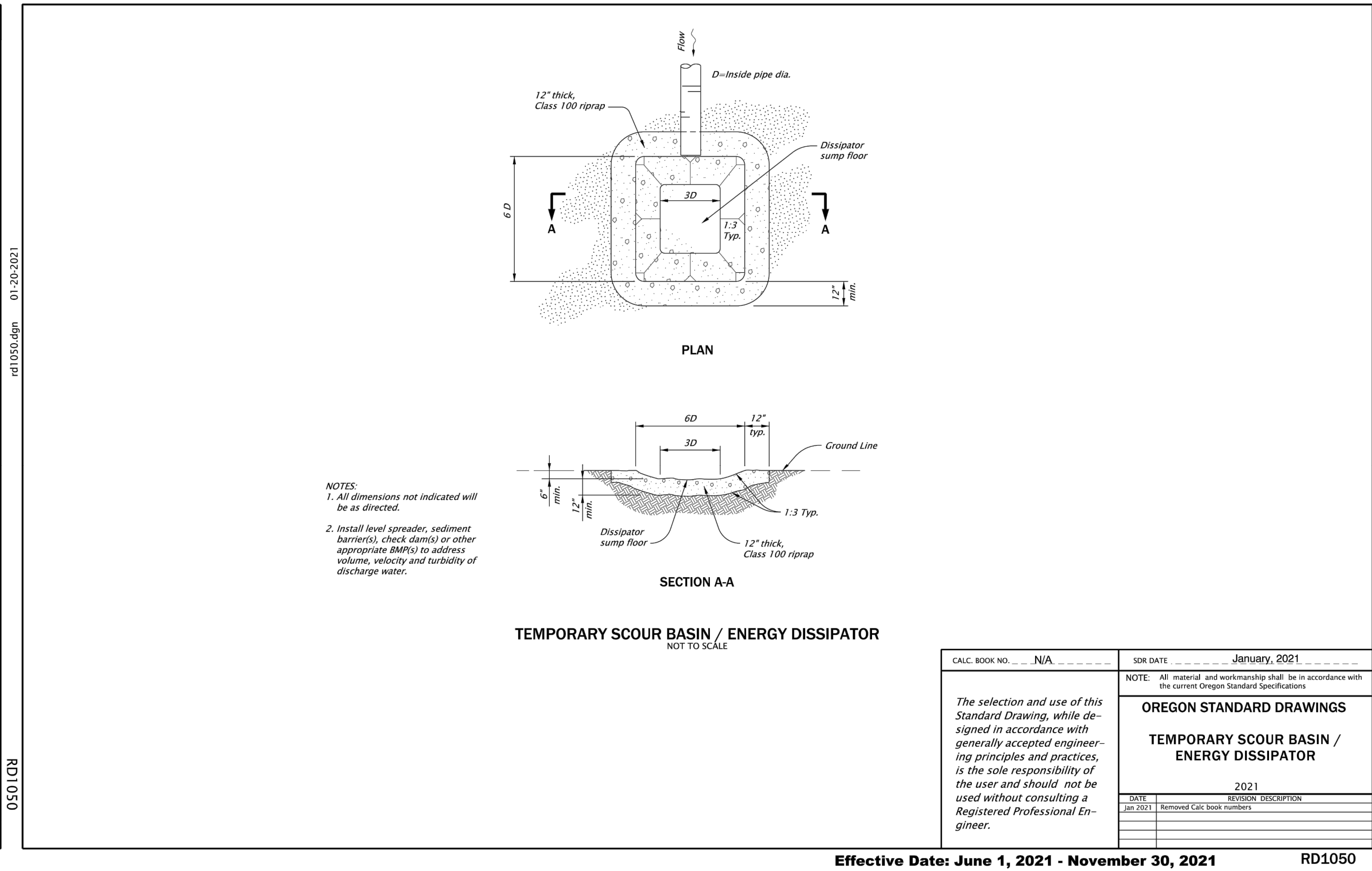
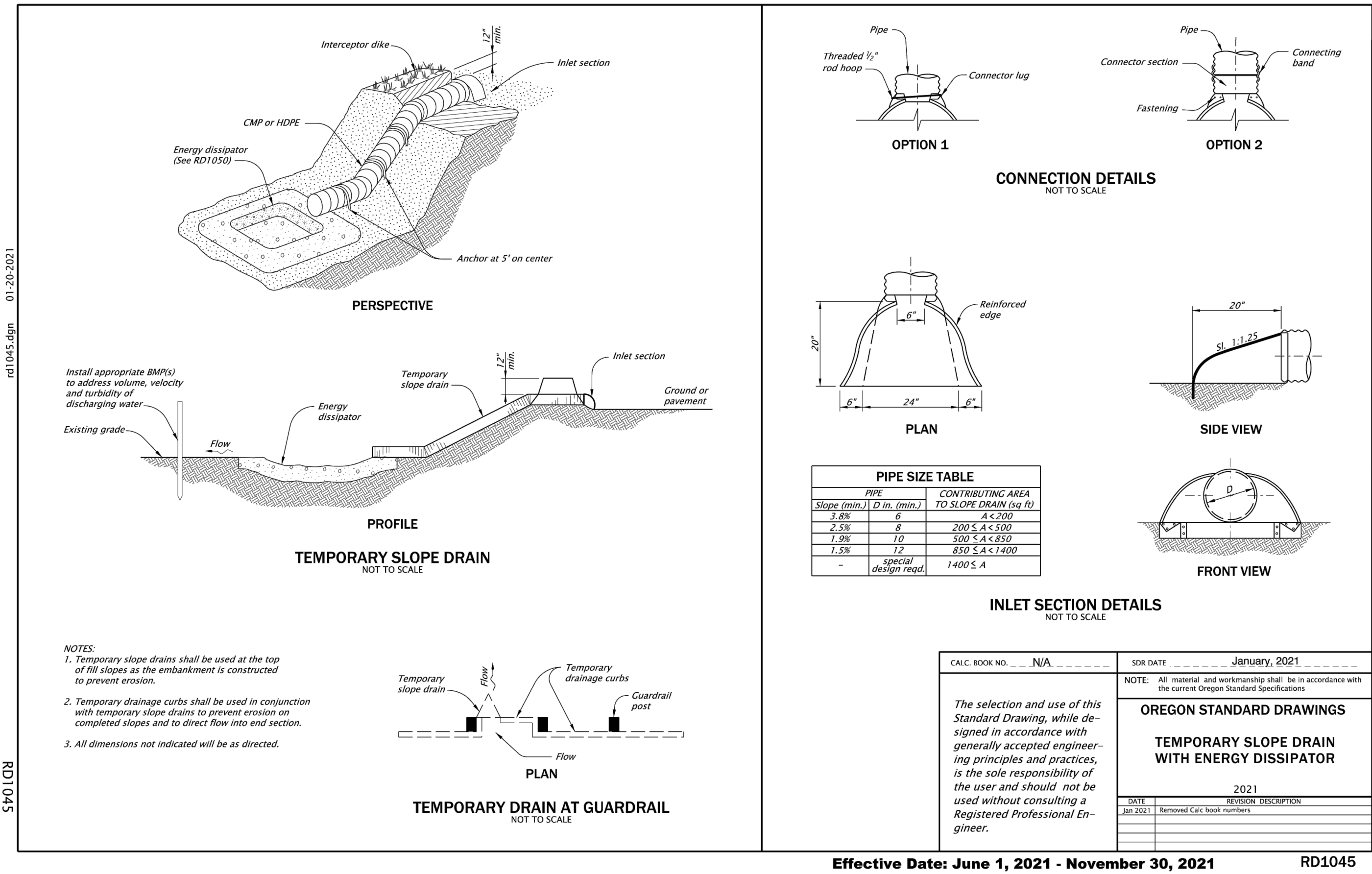
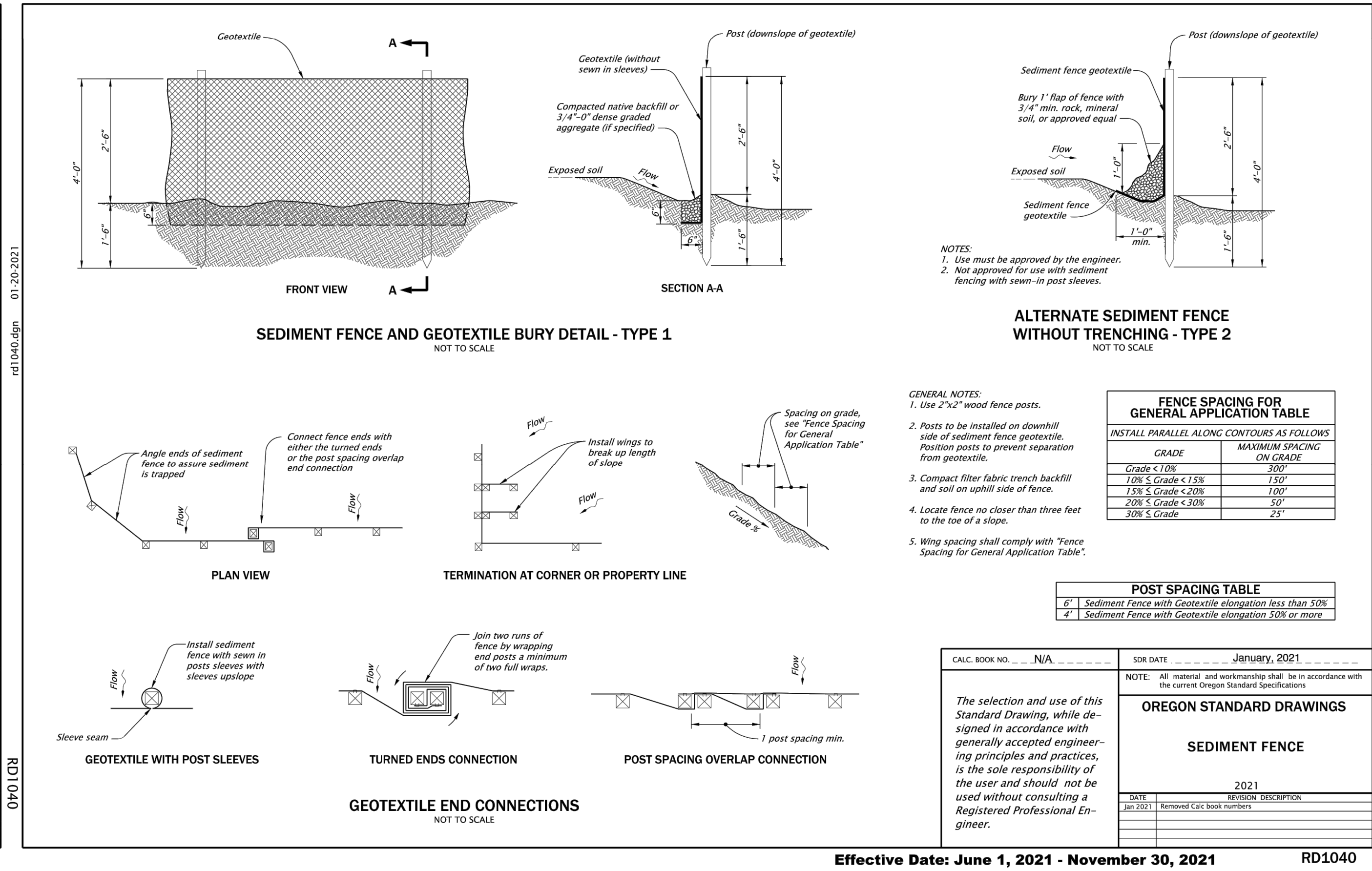
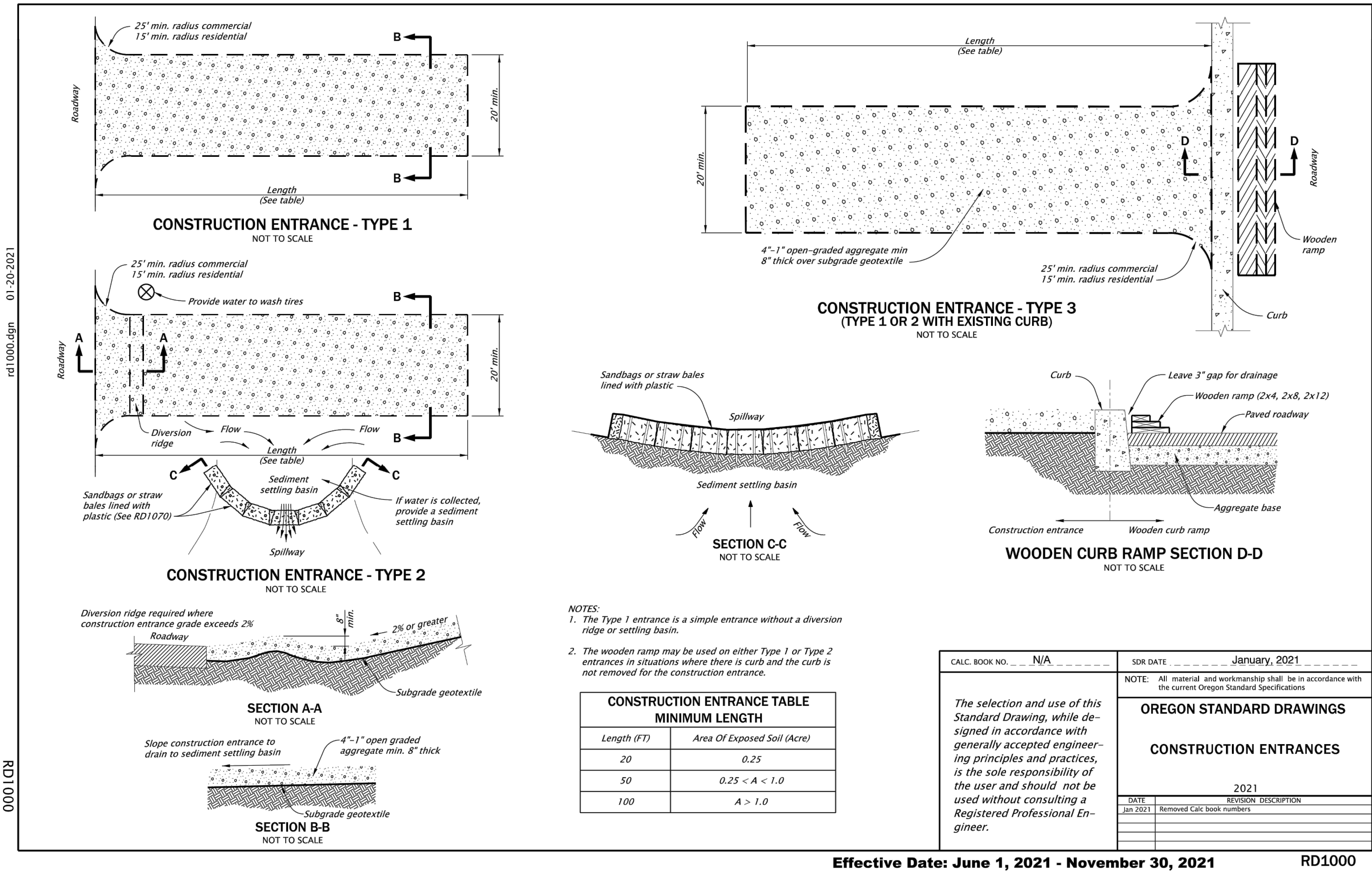
START: TBD  
FINISH: 2030

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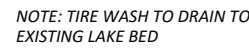
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DESIGN BY	--	
DRAWN BY	--	
CHECKED BY	--	
DATE	MAR 2022	
SHEET NO.	--	TYPE: --
DRAWING NO.	--	DISC. SHT. NO. EC-3.1



CAN YOU SEE THE AIRPLANES? THE ADJACENT SAMPLES SHOW THREE DIFFERENT LEVELS OF SHADING. SETTINGS FOR VIEWING AND PRINTING DRAWING CONTENT ARE OPTIMIZED WHEN ALL THREE PLANES ARE VISIBLE. THIS GUIDANCE IS PROVIDED FOR REFERENCE ONLY.







RD1060

CALC BOOK NO. <u>N/A</u>	SQR DATE <u>January, 2021</u>
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications	
<p><i>The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.</i></p>	
<p align="center"><b>OREGON STANDARD DRAWINGS</b></p> <p align="center"><b>TIRE WASH FACILITY</b></p> <p align="center"><b>TYPE 1 AND 2</b></p>	
2021	
DATE	REVISION DESCRIPTION
Jan 2021	Removed Cal. book numbers

	DATE	BY	REVISION	NPP		DATE	BY	REVISION	APP



2355 NORTHSIDE DRIVE SUITE 250, SAN DIEGO, CA 92108  
TEL: 619-297-1530

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**SW0334**

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PROJECT NUMBER

## DETAILS

SUBMITTED BY	--	
DESIGN BY	--	
DRAWN BY	--	
CHECKED BY	--	
DATE	MAR 2022	
SHEET NO.	--	TYPE: --
DRAWING NO.	--	DISC. SHT. NO. EC-4.1