

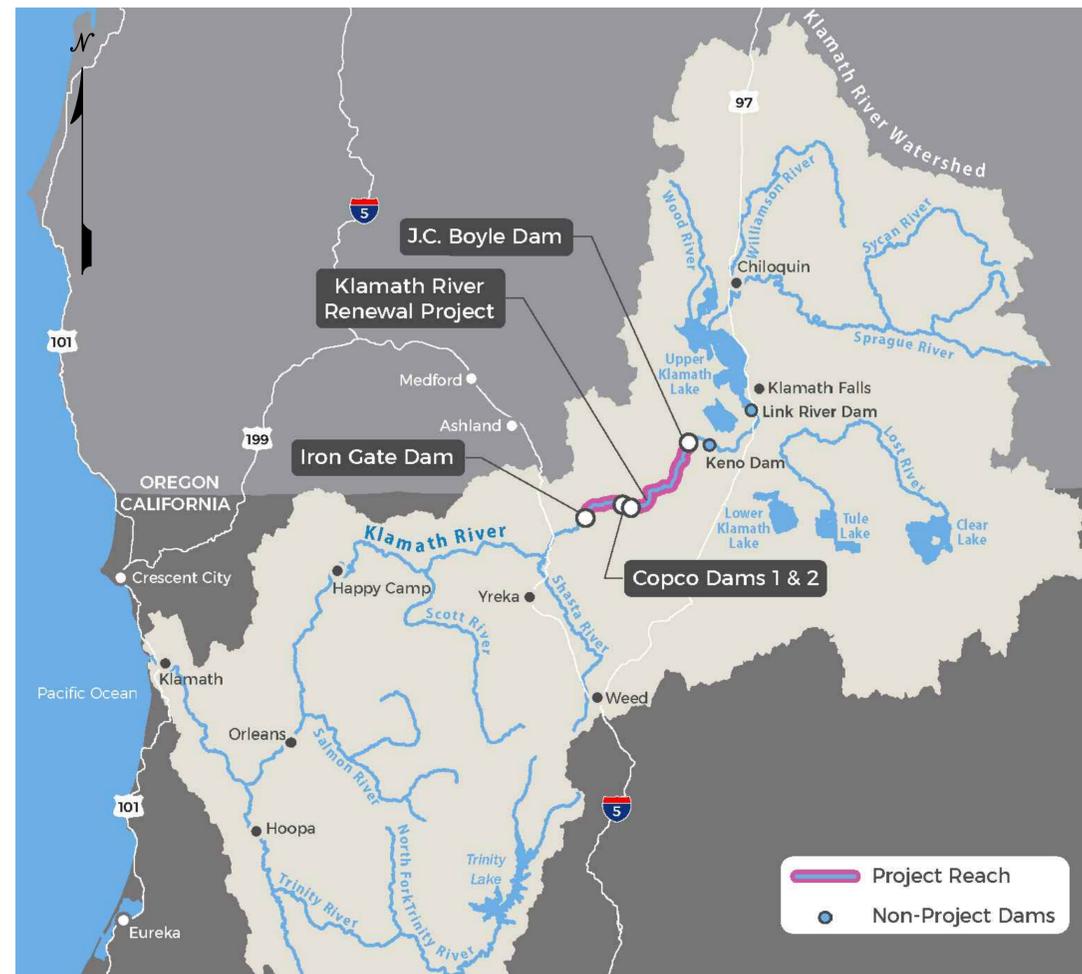
# WATER POLLUTION CONTROL DRAWINGS FOR KLAMATH RIVER RENEWAL PROJECT IN CALIFORNIA

## KLAMATH RIVER RENEWAL PROJECT KIEWIT CONTRACT #104168

**100% DESIGN COMPLETION DRAWINGS**

JACKSON COUNTY, OREGON  
KLAMATH COUNTY, OREGON  
SISKIYOU COUNTY, CALIFORNIA

**NOTE: THE WATER POLLUTION CONTROL DRAWINGS HAVE BEEN GROUPED IN 6 SETS. THESE SETS INCLUDE : ACTIVITIES ASSOCIATED WITH THE COPCO 1 DAM FACILITY REMOVAL, ACTIVITIES ASSOCIATED WITH THE COPCO 2 FACILITY REMOVAL, ACTIVITIES ASSOCIATED WITH THE IRON GATE FACILITY REMOVAL, ACTIVITIES ASSOCIATED WITH ROADS AND BRIDGES IMPROVEMENT, ACTIVITIES ASSOCIATED WITH TEMPORARY ROADS AND BRIDGES, AND ACTIVITIES ASSOCIATED WITH RECREATIONAL FACILITY REMOVAL.**



**LOCATION MAP**  
NOT TO SCALE



**ISSUED FOR CONSTRUCTION**

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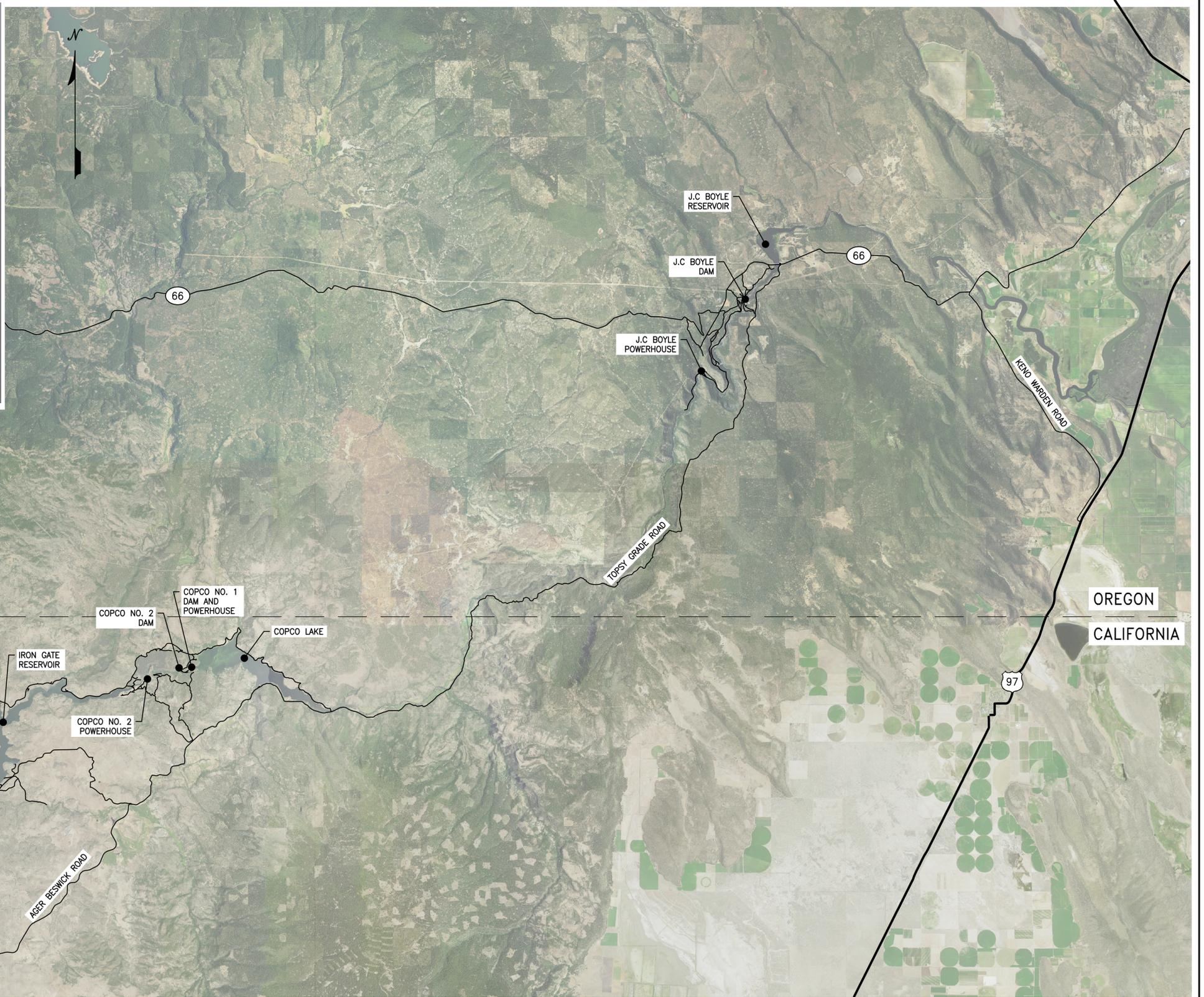
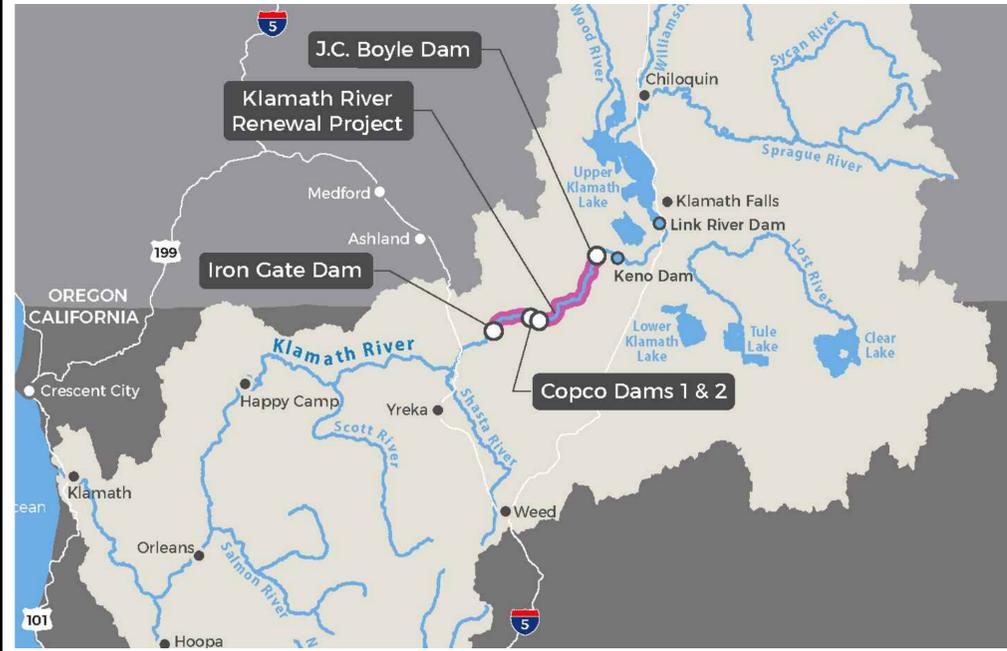


DESIGNED	C. NIAMIR
DRAWN	W. LAHODA
REVIEWED	H. ELWIN
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	TITLE SHEET

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>G0001</b>



PLAN  
1" = 8000'

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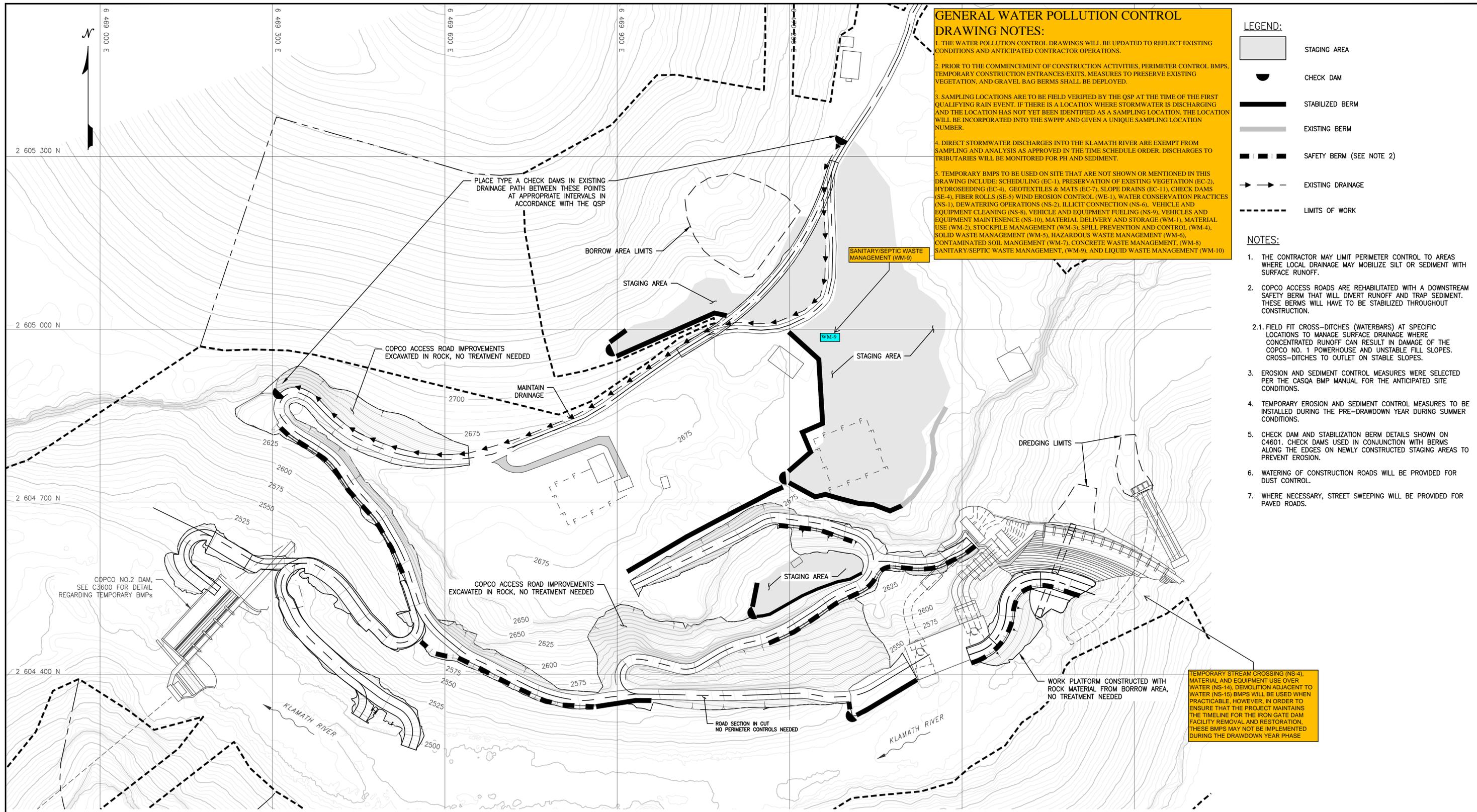
PREPARED BY  
 Knight Piésold CONSULTING  
 Kiewit

DESIGNED: C. NIAMIR  
 DRAWN: S. CHIZAR  
 REVIEWED: H. ELWIN  
 IN CHARGE: N. BISHOP  
 APPROVED: S. MOTTRAM

PREPARED FOR  
 KLAMATH RIVER RENEWAL CORPORATION

PROJECT: KLAMATH RIVER RENEWAL PROJECT  
 SHEET TITLE: PROJECT LOCATION, VICINITY AND ACCESS

PROJ#: VA103-640/1  
 DATE: 05/27/2022  
 DWG: G0020



**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

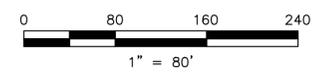
1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANAGEMENT (WM-7), CONCRETE WASTE MANAGEMENT (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

- LEGEND:**
- STAGING AREA
  - CHECK DAM
  - STABILIZED BERM
  - EXISTING BERM
  - SAFETY BERM (SEE NOTE 2)
  - EXISTING DRAINAGE
  - LIMITS OF WORK
- NOTES:**
1. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  2. COPCO ACCESS ROADS ARE REHABILITATED WITH A DOWNSTREAM SAFETY BERM THAT WILL DIVERT RUNOFF AND TRAP SEDIMENT. THESE BERMS WILL HAVE TO BE STABILIZED THROUGHOUT CONSTRUCTION.
  - 2.1. FIELD FIT CROSS-DITCHES (WATERBARS) AT SPECIFIC LOCATIONS TO MANAGE SURFACE DRAINAGE WHERE CONCENTRATED RUNOFF CAN RESULT IN DAMAGE OF THE COPCO NO. 1 POWERHOUSE AND UNSTABLE FILL SLOPES. CROSS-DITCHES TO OUTLET ON STABLE SLOPES.
  3. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL FOR THE ANTICIPATED SITE CONDITIONS.
  4. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
  5. CHECK DAM AND STABILIZATION BERM DETAILS SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES ON NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION.
  6. WATERING OF CONSTRUCTION ROADS WILL BE PROVIDED FOR DUST CONTROL.
  7. WHERE NECESSARY, STREET SWEEPING WILL BE PROVIDED FOR PAVED ROADS.

TEMPORARY STREAM CROSSING (NS-4), MATERIAL AND EQUIPMENT USE OVER WATER (NS-14), DEMOLITION ADJACENT TO WATER (NS-15) BMPs WILL BE USED WHEN PRACTICABLE, HOWEVER, IN ORDER TO ENSURE THAT THE PROJECT MAINTAINS THE TIMELINE FOR THE IRON GATE DAM FACILITY REMOVAL AND RESTORATION, THESE BMPs MAY NOT BE IMPLEMENTED DURING THE DRAWDOWN YEAR PHASE

PLAN  
1" = 80'

**ISSUED FOR CONSTRUCTION**



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 User: rmartin

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



PREPARED BY:  
 Knight Piésold CONSULTING  
 Kiewit

DESIGNED: L. BUETIKOFER  
 DRAWN: R. MARTIN  
 REVIEWED: S. BERKEBILE  
 IN CHARGE: N. BISHOP  
 APPROVED: S. MOTTRAM

PREPARED FOR:  
 KLAMATH RIVER RENEWAL CORPORATION

PROJECT: KLAMATH RIVER RENEWAL PROJECT  
 SHEET TITLE: COPCO NO. 1 FACILITY  
 TEMPORARY EROSION AND SEDIMENT CONTROL  
 PRE-DRAWDOWN YEAR - PLAN

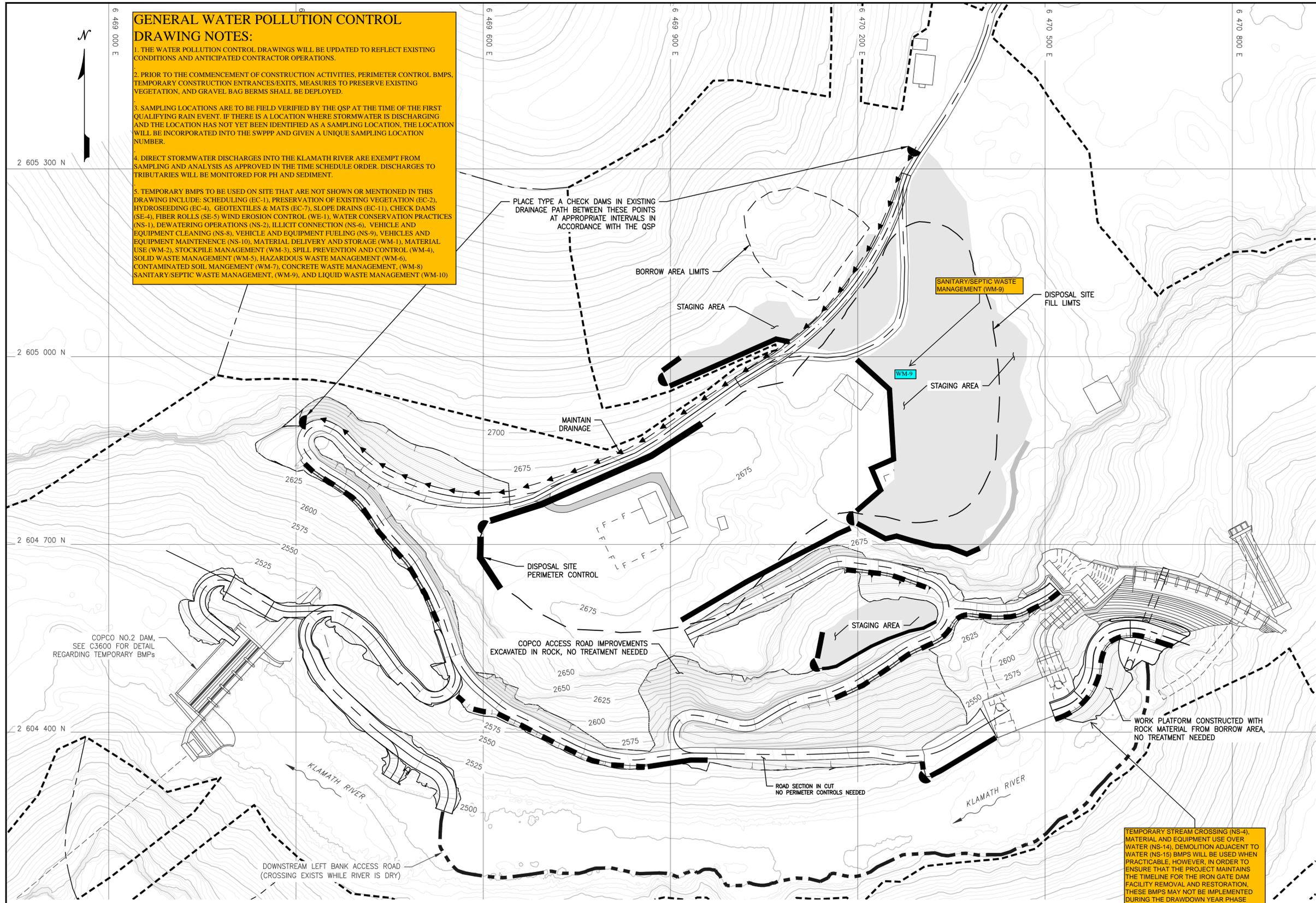
PROJ# VA103-640/1  
 DATE 05/27/2022  
 DWG C2600  
 WPCD-COP1-01

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
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5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

- LEGEND:**
-  STAGING AREA
  -  CHECK DAM
  -  STABILIZED BERM
  -  EXISTING BERM
  -  SAFETY BERM (SEE NOTE 2)
  -  EXISTING DRAINAGE
  -  LIMITS OF WORK

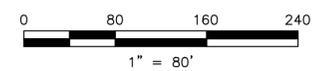
- NOTES:**
1. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  2. COPCO ACCESS ROADS ARE REHABILITATED WITH A DOWNSTREAM SAFETY BERM THAT WILL DIVERT RUNOFF AND TRAP SEDIMENT. THESE BERMS WILL HAVE TO BE STABILIZED THROUGHOUT CONSTRUCTION.
  - 2.1. FIELD FIT CROSS-DITCHES (WATERBARS) AT SPECIFIC LOCATIONS TO MANAGE SURFACE DRAINAGE WHERE CONCENTRATED RUNOFF CAN RESULT IN DAMAGE OF THE COPCO NO. 1 POWERHOUSE AND UNSTABLE FILL SLOPES. CROSS-DITCHES TO OUTLET ON STABLE SLOPES.
  3. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL FOR THE ANTICIPATED SITE CONDITIONS.
  4. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
  5. CHECK DAM AND STABILIZATION BERM DETAILS SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES ON NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION.
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TEMPORARY STREAM CROSSING (NS-4), MATERIAL AND EQUIPMENT USE OVER WATER (NS-14), DEMOLITION ADJACENT TO WATER (NS-15) BMPs WILL BE USED WHEN PRACTICABLE, HOWEVER, IN ORDER TO ENSURE THAT THE PROJECT MAINTAINS THE TIMELINE FOR THE IRON GATE DAM FACILITY REMOVAL AND RESTORATION, THESE BMPs MAY NOT BE IMPLEMENTED DURING THE DRAWDOWN YEAR PHASE

PLAN  
1" = 80'

**ISSUED FOR CONSTRUCTION**



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



PREPARED BY  
  


DESIGNED: L. BUETIKOFER  
 DRAWN: R. MARTIN  
 REVIEWED: S. BERKEBILE  
 IN CHARGE: N. BISHOP  
 APPROVED: S. MOTTRAM

PREPARED FOR  

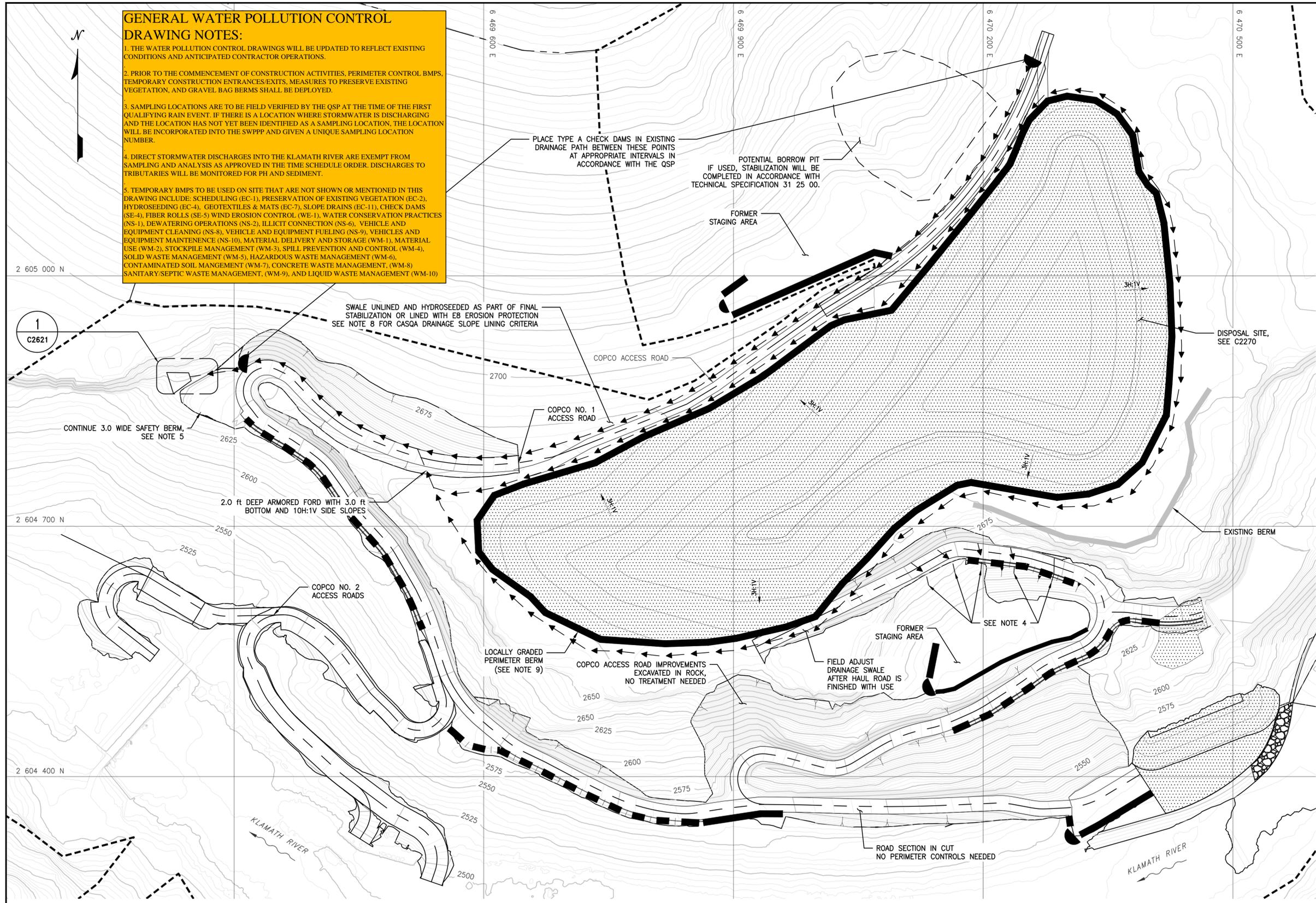

PROJECT: **KLAMATH RIVER RENEWAL PROJECT**  
 SHEET TITLE: **COPCO NO. 1 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR - PLAN**

PROJ# VA103-640/1  
 DATE 05/27/2022  
 DWG **C2605**  
**WPCD-COPI-02**

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

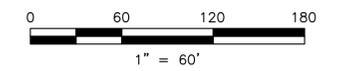
1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
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- LEGEND:**
- FINAL STABILIZATION
  - STABILIZED BERM
  - EXISTING BERM
  - SAFETY BERM (SEE NOTE 5)
  - CHECK DAM
  - TYPE 1 DRAINAGE SWALE (SEE C1622)
  - LIMITS OF WORK
- NOTES:**
1. REFER TO GENERAL NOTES ON DRAWINGS G0006 FOR INFORMATION REGARDING TOPOGRAPHIC AND BATHYMETRIC DATA SOURCES.
  2. FINAL STABILIZATION TO BE CONDUCTED PER TECHNICAL SPECIFICATION 31 25 00.
  3. SAFETY BERM TO BE MODIFIED POST DAM DECONSTRUCTION IN ORDER TO MAKE ROOM FOR DRAINAGE APRON.
  - 3.1. CONVERT TEMPORARY CROSS-DITCHES (WATERBARS) FOR PERMANENTLY DEACTIVATED ROAD CLASSIFICATION. TEMPORARY CROSS-DITCH LOCATION ARE ANTICIPATED TO BE ADEQUATE TO MANAGE SURFACE DRAINAGE WHERE ACCELERATED FLOW CAN LEAD TO EROSION. EVALUATE POINTS OF DISCHARGE, MODIFY CROSS-DITCHES OUTLET POINTS TO PROTECT UNSTABLE OR ERODIBLE FILL AS REQUIRED.
  4. CROSS ROAD DRAINS SKEWED 30 DEGREES PERPENDICULAR TO ROAD SURFACE. OPENINGS WILL BE MADE IN THE SAFETY BERM TO ALLOW RUNOFF TO DRAIN.
  5. COPCO ACCESS ROAD SAFETY BERMS TO BE LEFT IN PLACE. EVALUATE PERFORMANCE OF BERMS, REPLACE UNSTABLE FILLS WITH NON-ERODIBLE MATERIAL IF REQUIRED.
  6. FINAL STABILIZATION OF STAGING AREAS TO BE CONDUCTED PER TECHNICAL SPECIFICATION 31 25 00.
  7. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL FOR THE ANTICIPATED SITE CONDITIONS. VERIFY CONDITIONS OF EXPOSED CUT AND FILL SLOPES.
  8. WHERE ROCK IS NOT PRESENT ALONG A SWALE ALIGNMENT, BOTTOM SLOPES LESS THAN OR EQUAL TO 5% SHALL BE HYDROSEEDED, WHILE BOTTOM SLOPES GREATER THAN 5% SHALL BE ROCK-LINED IN ACCORDANCE WITH DRAWINGS C1622.
  9. A LOCALLY GRADED PERIMETER BERM WILL BE CONSTRUCTED AT THE TOE OF THE DISPOSAL SITE TO TRAP ANY SEDIMENT DURING RUNOFF EVENTS.



PLAN  
1" = 60'

**ISSUED FOR CONSTRUCTION**



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



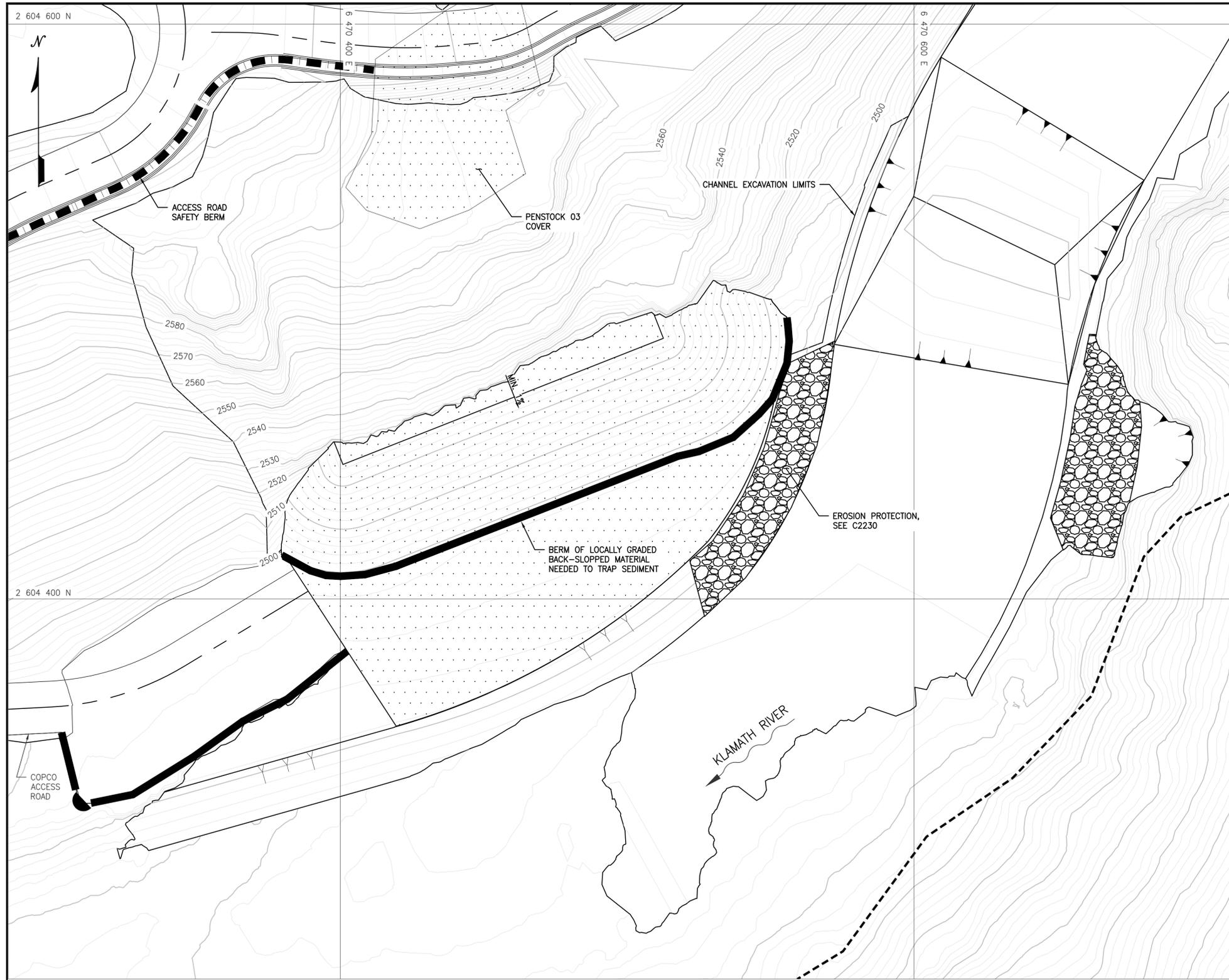
PREPARED BY  
 Knight Piesold CONSULTING  
 Kiewit

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

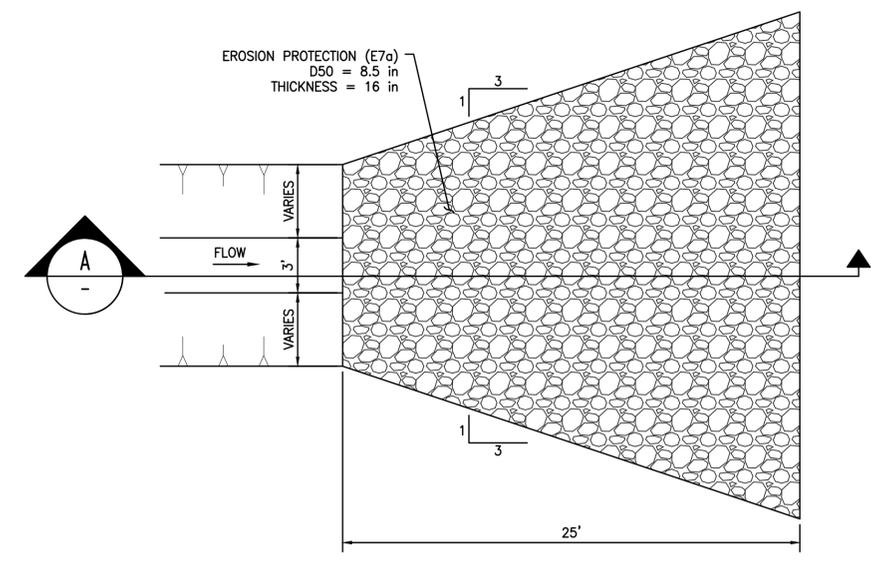
PREPARED FOR  
 KLAMATH RIVER RENEWAL CORPORATION

PROJECT  
**KLAMATH RIVER RENEWAL PROJECT**  
 SHEET TITLE  
 COPCO NO. 1 FACILITY  
 FINAL EROSION AND SEDIMENT CONTROL  
 ACCESS ROADS AND DISPOSAL SITE - PLAN

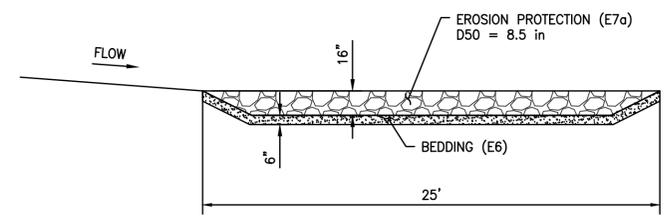
PROJ# VA103-640/1  
 DATE 05/27/2022  
 DWG  
**C2620**  
 WPCD-COPI-03



PLAN - POWERHOUSE BUTTRESS  
1" = 20'



1 DETAIL - TYPICAL APRON - PLAN  
1" = 5'



A SECTION  
1" = 5'

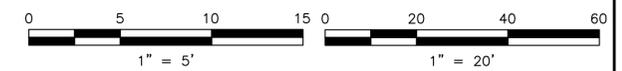
LEGEND:

- FINAL STABILIZATION
- BEDDING (E6/E8)
- EROSION PROTECTION (E7a)
- LIMITS OF WORK
- STABILIZED BERM

NOTES:

1. REFER TO GENERAL NOTES ON DRAWINGS G0006 FOR INFORMATION REGARDING TOPOGRAPHIC AND BATHYMETRIC DATA SOURCES.
2. FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
3. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL FOR THE ANTICIPATED SITE CONDITIONS.
4. RIPARIAN VEGETATION TO BE APPLIED BY OTHERS ACCORDING TO THE RAMP, AS REQUIRED.

ISSUED FOR CONSTRUCTION



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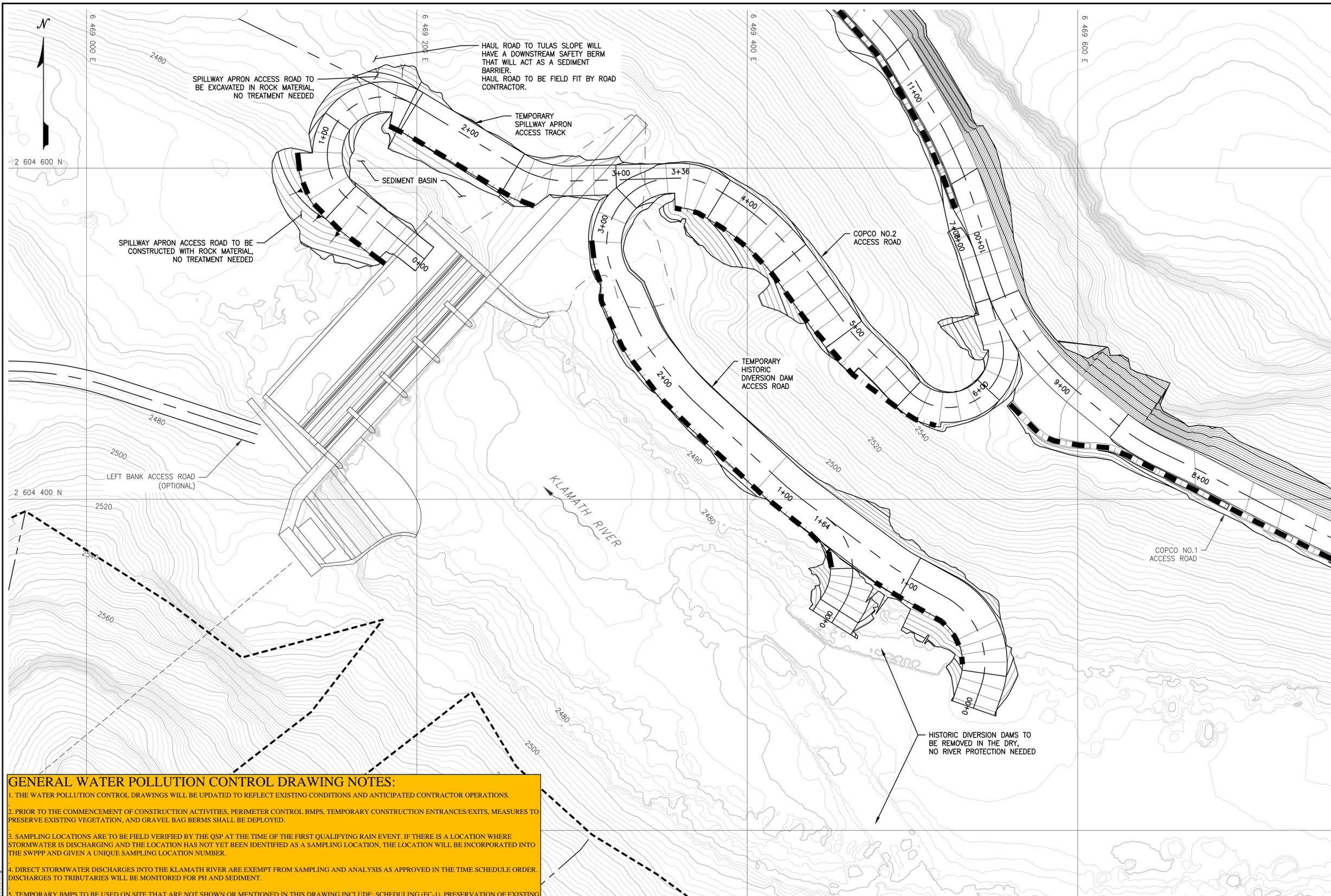
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	KLAMATH RIVER RENEWAL PROJECT
SHEET TITLE	COPCO NO. 1 FACILITY FINAL EROSION AND SEDIMENT CONTROL POWERHOUSE BUTTRESS - PLAN AND TYPICAL SECTION

PROJ#	VA103-640/1
DATE	05/27/2022
DWG	C2621

WPCD-COPI-04



LEGEND:

- ■ ■ ■ SAFETY BERM (SEE NOTE 2)
- - - - LIMITS OF WORK

NOTES:

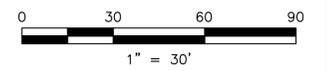
1. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
2. COPCO ACCESS ROADS ARE REHABILITATED WITH A DOWNSTREAM SAFETY BERM THAT WILL DIVERT RUNOFF AND TRAP SEDIMENT. THESE BERMS WILL BE STABILIZED THROUGHOUT CONSTRUCTION.
3. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL.
4. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
5. SEE DRAWINGS C3620 TO C3624 FOR FINAL EROSION AND SEDIMENT CONTROL MEASURES.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BERMS, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

PLAN  
1" = 30'

ISSUED FOR CONSTRUCTION



dwgname: May 24, 2022, 2:05pm  
\\KPLVAP-FJIS1\03\0640401\A\Acad\DWG\3600\C3600\C3600.dwg

REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22

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



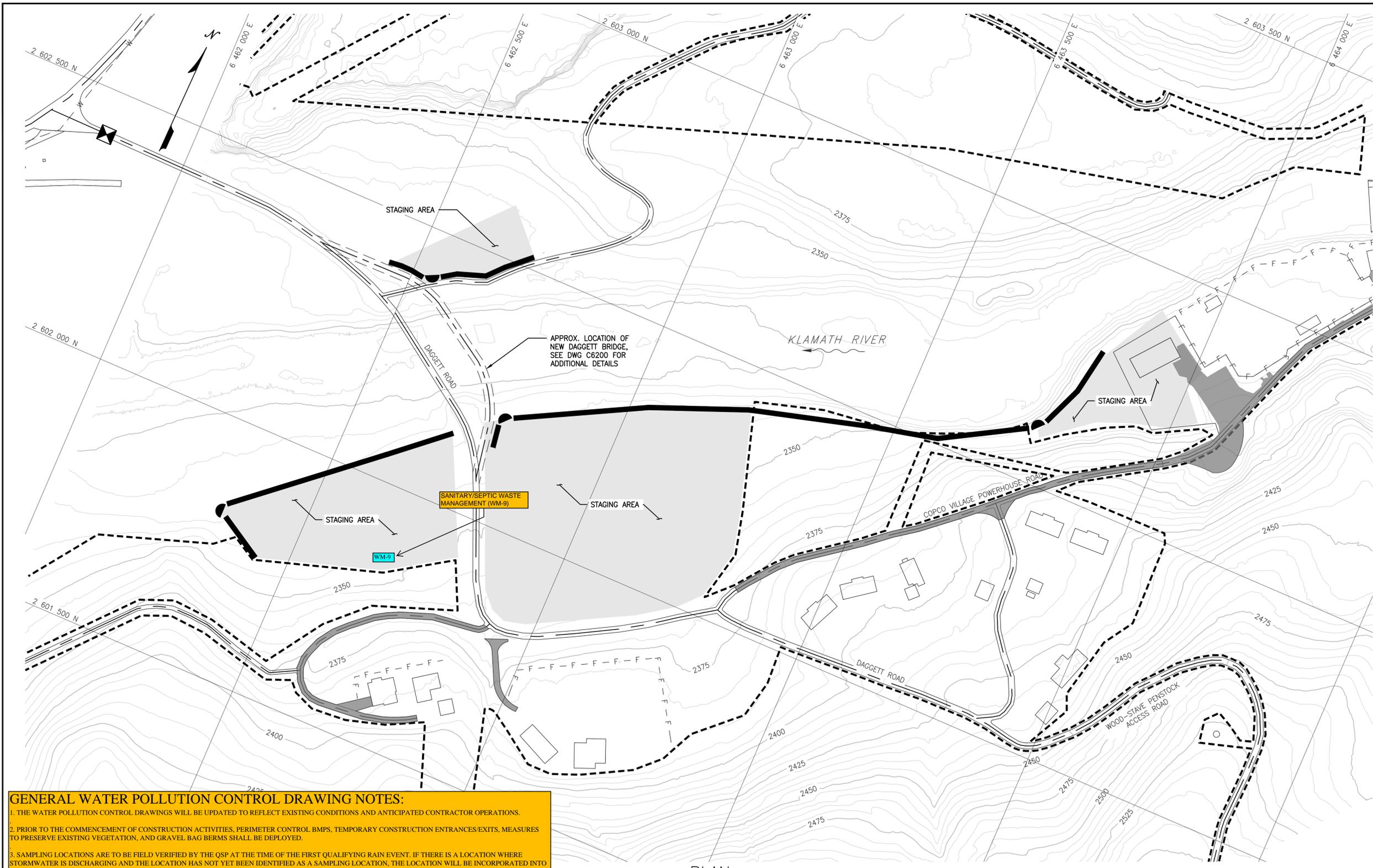
PREPARED BY

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

PREPARED FOR

PROJECT	KLAMATH RIVER RENEWAL PROJECT
SHEET TITLE	COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL PRE-DRAWDOWN YEAR DAM REMOVAL

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	C3600 WPCD-COP2-01



- LEGEND:**
- STAGING AREA
  - ASPHALT
  - CHECK DAM
  - CONSTRUCTION ENTRANCE
  - STABILIZED BERM
  - LIMITS OF WORK

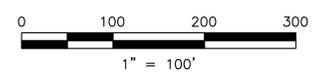
- NOTES:**
1. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
  2. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
  4. SEE DRAWINGS C3620 TO C3624 FOR FINAL EROSION AND SEDIMENT CONTROL MEASURES.
  5. CHECK DAM AND STABILIZATION BERM DETAILS ARE SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES OF NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPS, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPS TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10).

PLAN  
1" = 100'

**ISSUED FOR CONSTRUCTION**



chawkins May 24, 2022 - 2:07pm  
 \\KFLVA-PJ\JIS\1030064001\A\Acad\DWG\C3601\C3601.dwg

REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22

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

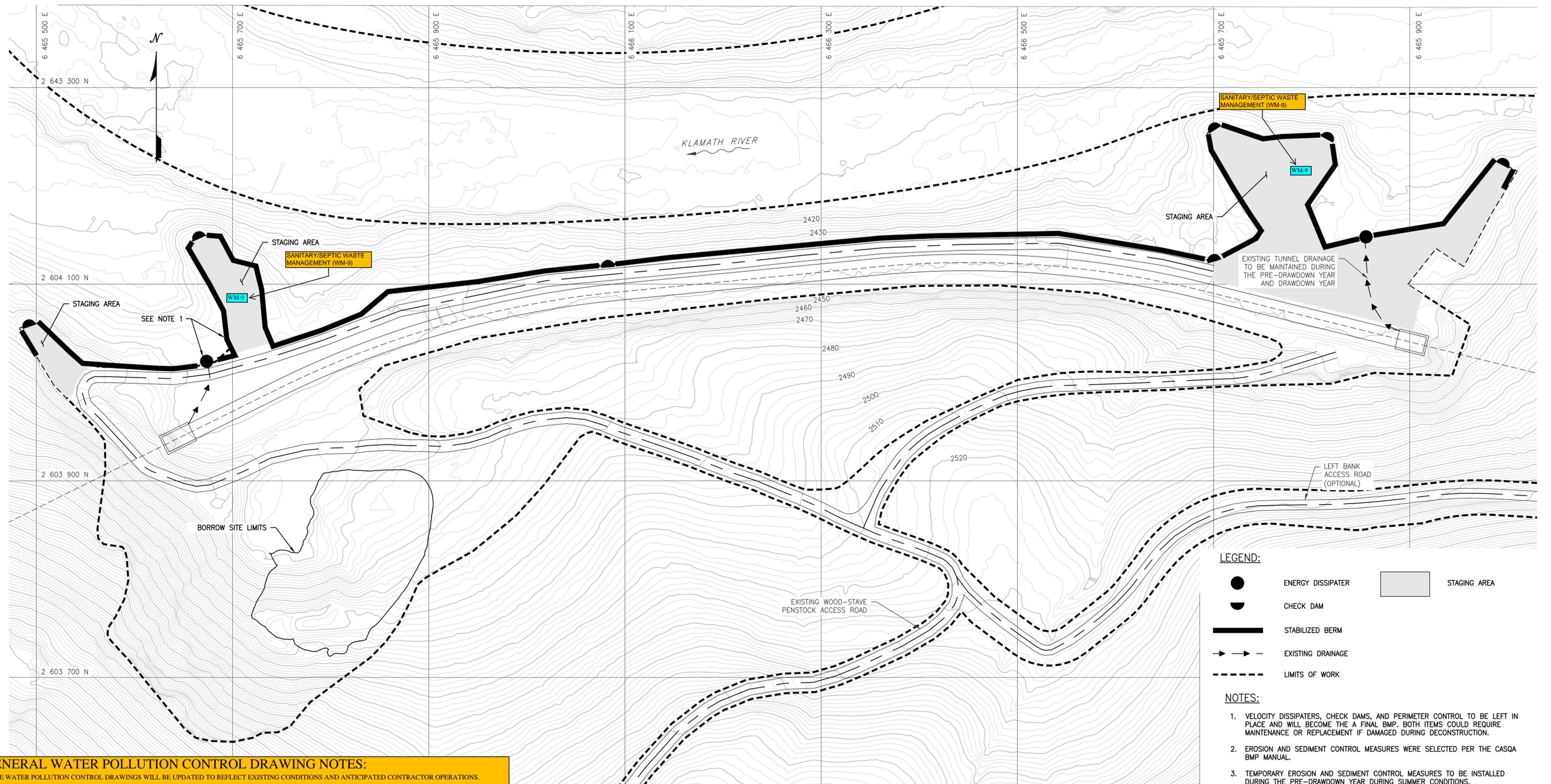


DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL PRE-DRAWDOWN YEAR COPCO VILLAGE

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>C3601</b>
	<b>WPCD-COP2-02</b>



**LEGEND:**

- ENERGY DISSIPATER
- CHECK DAM
- STABILIZED BERM
- EXISTING DRAINAGE
- LIMITS OF WORK
- STAGING AREA

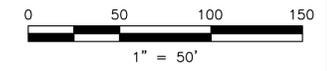
- NOTES:**
1. VELOCITY DISSIPATERS, CHECK DAMS, AND PERIMETER CONTROL TO BE LEFT IN PLACE AND WILL BECOME THE A FINAL BMP. BOTH ITEMS COULD REQUIRE MAINTENANCE OR REPLACEMENT IF DAMAGED DURING DECONSTRUCTION.
  2. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL.
  3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
  4. SEE DRAWINGS C3620 TO C3624 FOR FINAL EROSION AND SEDIMENT CONTROL MEASURES.
  5. CHECK DAM AND STABILIZATION BERM DETAILS SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES OF NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION.
  6. ENERGY DISSIPATER DETAILS PROVIDED ON C1622.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

PLAN  
1" = 50'

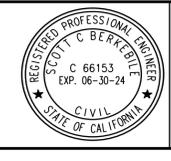
**ISSUED FOR CONSTRUCTION**



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REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22

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



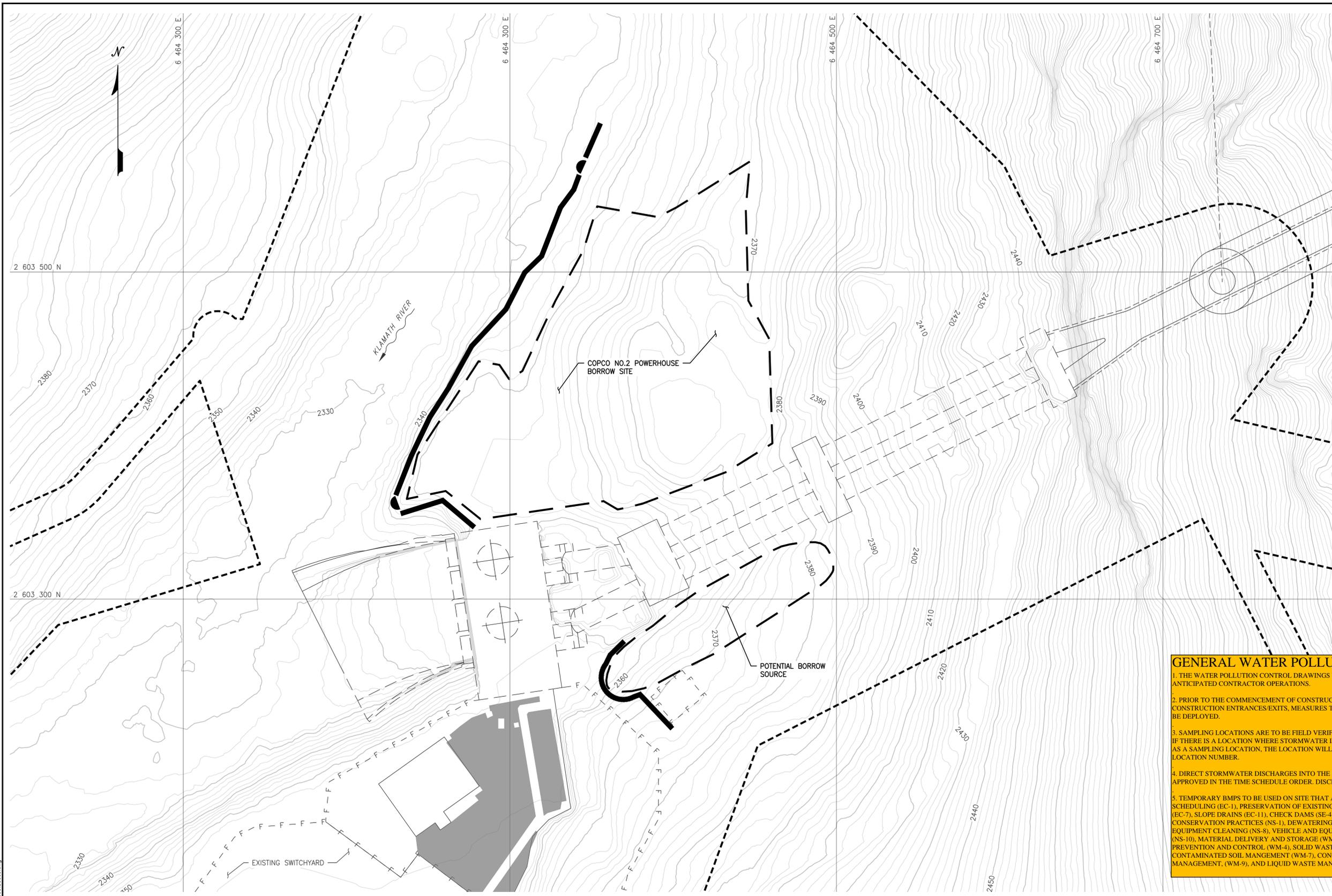
PREPARED BY

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

PREPARED FOR

PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR WOOD-STAVE PENSTOCK REMOVAL

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>C3605</b> WPCD-COP2-03

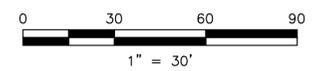


- LEGEND:**
- ASPHALT
  - CHECK DAM
  - STABILIZED BERM
  - LIMITS OF WORK

- NOTES:**
1. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
  2. SEE DRAWINGS C3620 TO C3624 FOR FINAL EROSION AND SEDIMENT CONTROL MEASURES.
  3. SEE C4601 FOR CHECK DAM AND STABILIZATION BERM TYPICAL SECTIONS.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE OSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANAGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)



PLAN  
1" = 30'

**ISSUED FOR CONSTRUCTION**

0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22
REV	DESCRIPTION	BY	CHK	APP	DATE

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



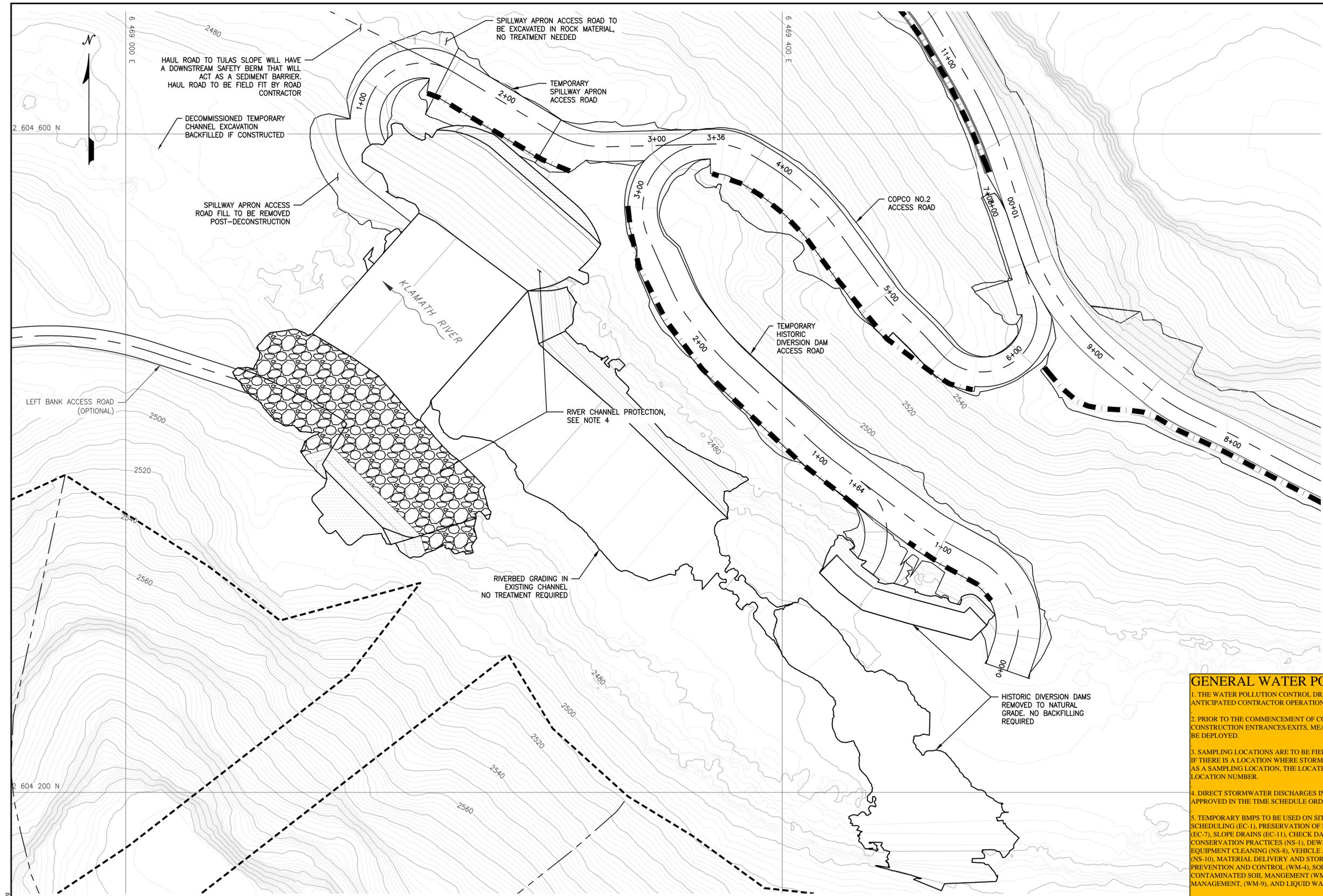
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR POWERHOUSE AND PENSTOCK REMOVAL

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>C3606</b>
	<b>WPCD-COP2-04</b>

dwgname: May 24, 2022, 2:17pm  
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- LEGEND:**
- EROSION PROTECTION (E7)
  - FINAL STABILIZATION
  - SAFETY BERM (SEE NOTE 2)
  - LIMITS OF WORK

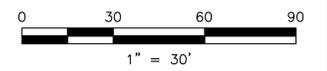
- NOTES:**
1. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  2. COPCO ACCESS ROADS ARE REHABILITATED WITH A DOWNSTREAM SAFETY BERM THAT WILL DIVERT RUNOFF AND TRAP SEDIMENT. THESE BERMS WILL BE STABILIZED THROUGHOUT CONSTRUCTION.
  3. FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  4. BACKFILL COVERED WITH RIPRAP TO AN EL. 2486 ft QUALIFIES AS A NON-VEGETATED STABILIZATION MEASURE (EC-16). NO FURTHER TREATMENT IS REQUIRED IN THIS AREA.
  5. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL.
  6. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANAGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

PLAN  
1" = 30'

**ISSUED FOR CONSTRUCTION**



0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22
REV	DESCRIPTION	BY	CHK	APP	DATE

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



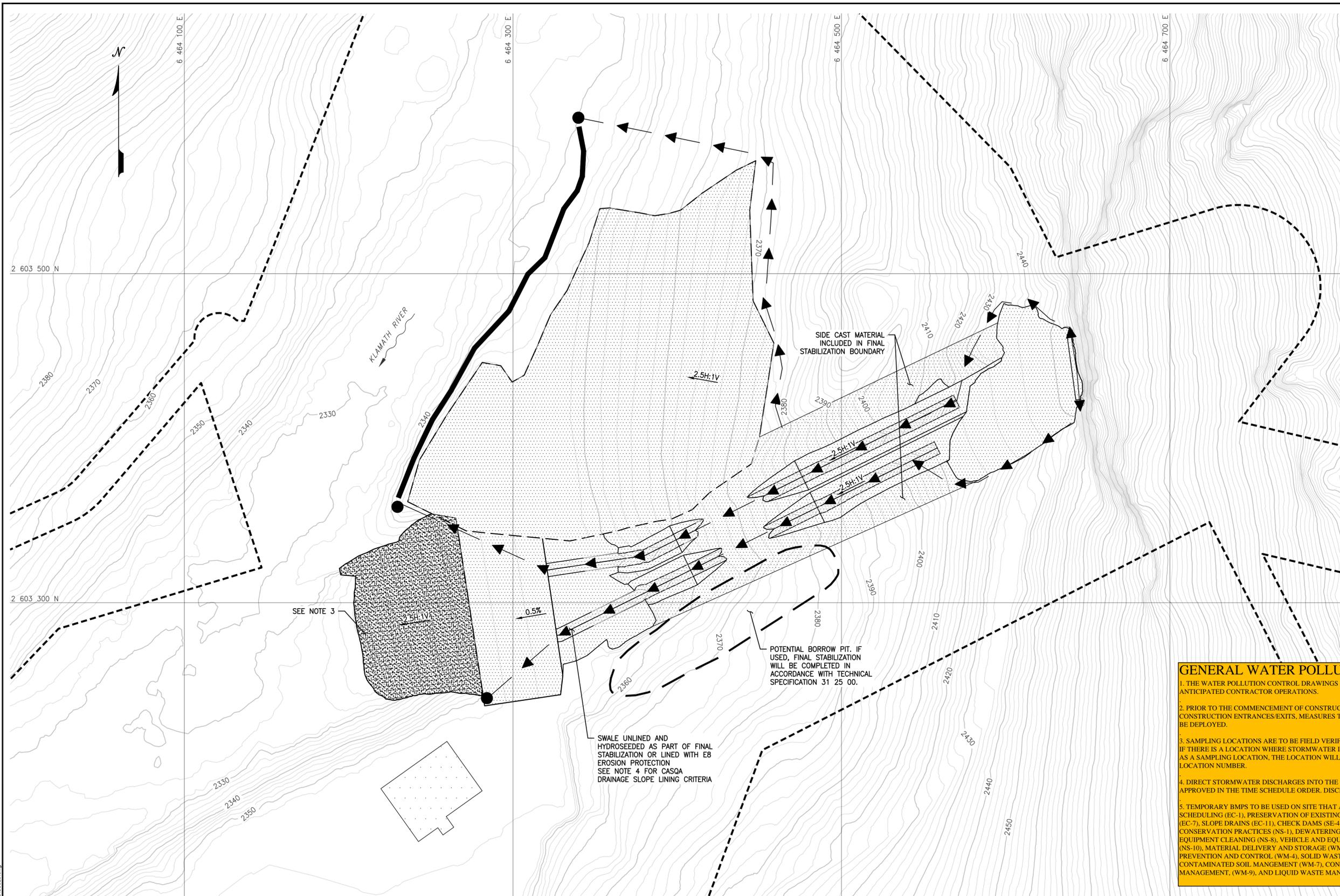
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>	PROJ #	VA103-640/1
		DATE	05/27/2022
SHEET TITLE	COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL FINAL RIVER CHANNEL	DWG	C3620
			WPCD-COP2-05

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- LEGEND:**
- FINAL STABILIZATION
  - BEDDING (EB)
  - CHECK DAM
  - ENERGY DISSIPATER
  - STABILIZED BERM
  - TYPE 1 DRAINAGE SWALE
  - LIMITS OF WORK

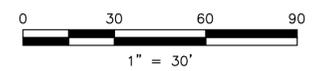
- NOTES:**
1. FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  2. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
  3. TAILRACE COVER MATERIAL (TYPE EB) QUALIFIES AS A NON-VEGETATED STABILIZATION MEASURE (EC-16) IF WASHED OF ANY APPRECIABLE FINES. NO FURTHER TREATMENT IS REQUIRED IN THIS AREA.
  4. WHERE ROCK IS NOT PRESENT ALONG A SWALE ALIGNMENT, BOTTOM SLOPES LESS THAN OR EQUAL TO 5% SHALL BE HYDROSEEDED, WHILE BOTTOM SLOPES GREATER THAN 5% SHALL BE ROCK-LINED IN ACCORDANCE WITH DRAWING C1622.
  5. SEE DRAWINGS C1622 AND C4601 FOR TYPICAL SECTIONS FOR EROSION AND SEDIMENT CONTROL MEASURES.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

1. THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
2. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPs, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
4. DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
5. TEMPORARY BMPs TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANAGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

PLAN  
1" = 30'

**ISSUED FOR CONSTRUCTION**



0	ISSUED FOR CONSTRUCTION	LB	SB	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



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

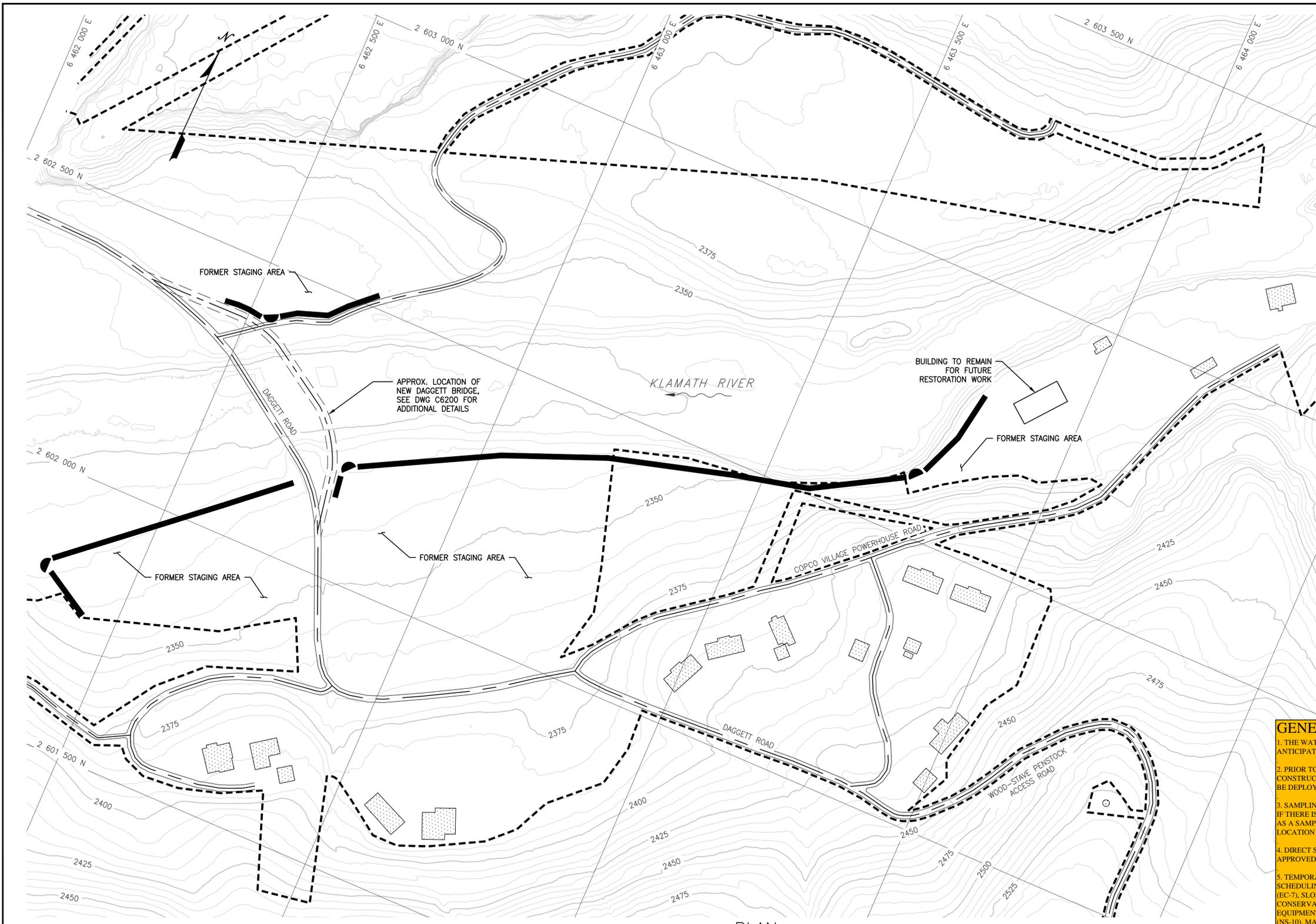


PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL POWERHOUSE AND PENSTOCK

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>C3623</b>

WPCD-COP2-07

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**LEGEND:**

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

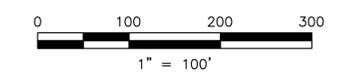
- NOTES:**
- FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  - FINAL STABILIZATION OF STAGING AREAS WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  - EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
  - CHECK DAM AND STABILIZATION BERM DETAILS SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES ON NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION.

**GENERAL WATER POLLUTION CONTROL DRAWING NOTES:**

- THE WATER POLLUTION CONTROL DRAWINGS WILL BE UPDATED TO REFLECT EXISTING CONDITIONS AND ANTICIPATED CONTRACTOR OPERATIONS.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, PERIMETER CONTROL BMPS, TEMPORARY CONSTRUCTION ENTRANCES/EXITS, MEASURES TO PRESERVE EXISTING VEGETATION, AND GRAVEL BAG BERMS SHALL BE DEPLOYED.
- SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.
- DIRECT STORMWATER DISCHARGES INTO THE KLAMATH RIVER ARE EXEMPT FROM SAMPLING AND ANALYSIS AS APPROVED IN THE TIME SCHEDULE ORDER. DISCHARGES TO TRIBUTARIES WILL BE MONITORED FOR PH AND SEDIMENT.
- TEMPORARY BMPS TO BE USED ON SITE THAT ARE NOT SHOWN OR MENTIONED IN THIS DRAWING INCLUDE: SCHEDULING (EC-1), PRESERVATION OF EXISTING VEGETATION (EC-2), HYDROSEEDING (EC-4), GEOTEXTILES & MATS (EC-7), SLOPE DRAINS (EC-11), CHECK DAMS (SE-4), FIBER ROLLS (SE-5) WIND EROSION CONTROL (WE-1), WATER CONSERVATION PRACTICES (NS-1), DEWATERING OPERATIONS (NS-2), ILLICIT CONNECTION (NS-6), VEHICLE AND EQUIPMENT CLEANING (NS-8), VEHICLE AND EQUIPMENT FUELING (NS-9), VEHICLES AND EQUIPMENT MAINTENANCE (NS-10), MATERIAL DELIVERY AND STORAGE (WM-1), MATERIAL USE (WM-2), STOCKPILE MANAGEMENT (WM-3), SPILL PREVENTION AND CONTROL (WM-4), SOLID WASTE MANAGEMENT (WM-5), HAZARDOUS WASTE MANAGEMENT (WM-6), CONTAMINATED SOIL MANAGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

PLAN  
1" = 100'

**ISSUED FOR CONSTRUCTION**



d:\projects\2022\052722\Klamath River\DWG\C3624\C3624.dwg  
 05/27/2022 2:38pm

REV	DESCRIPTION	BY	CHK	APP	DATE
0	ISSUED FOR CONSTRUCTION	LB	SB	SRM	05/27/22

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



PREPARED BY

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

PREPARED FOR

PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>
SHEET TITLE	COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL COPCO VILLAGE

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	<b>C3624</b> WPCD-COP2-08





