

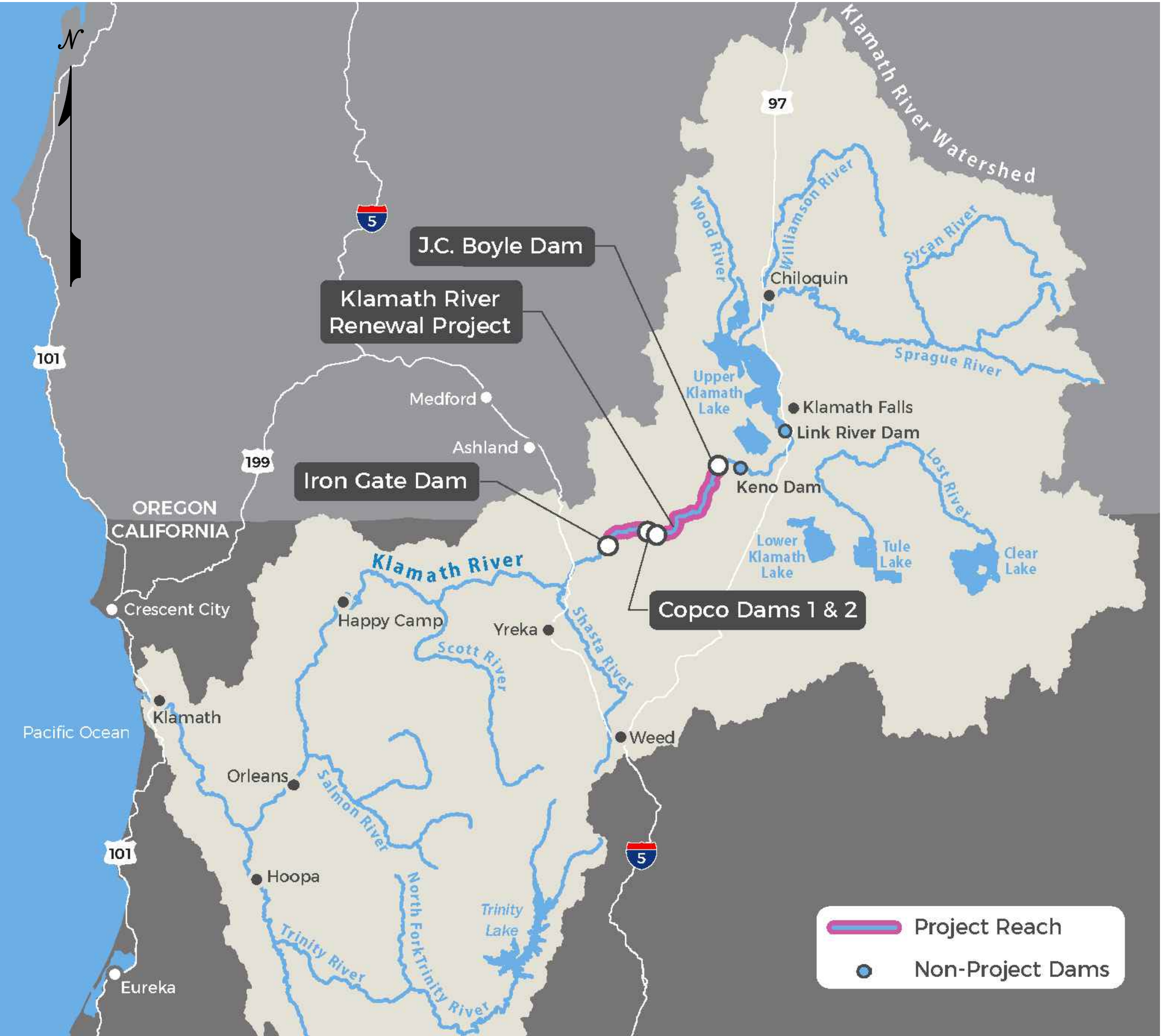
WATER POLLUTION CONTROL DRAWINGS FOR KLAMATH RIVER RENEWAL PROJECT IN CALIFORNIA

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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REV	DESCRIPTION	BY	CHK	APP	DATE

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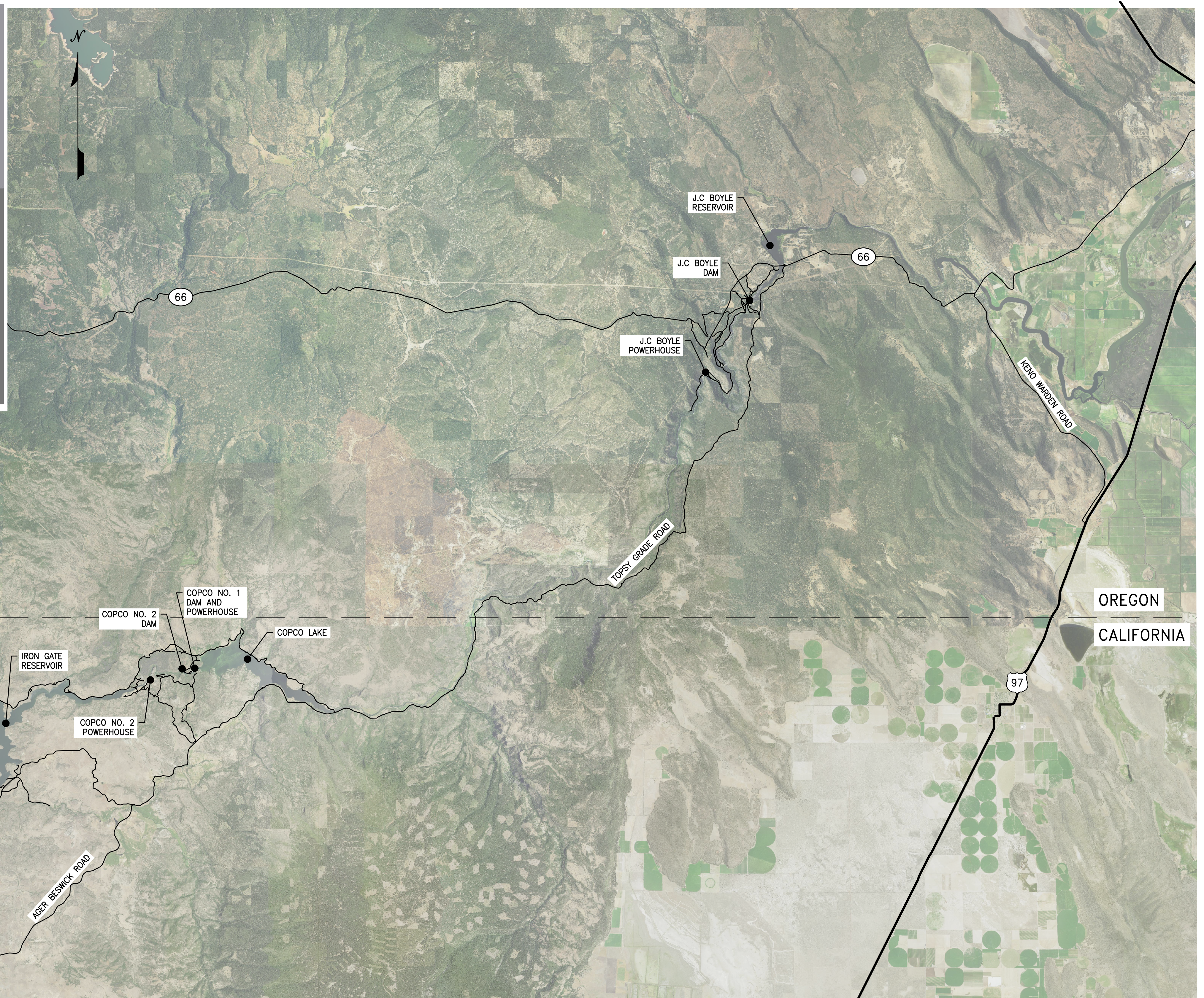


DESIGNED	C. NIAMIR
DRAWN	W. LAHODA
REVIEWED	H. ELWIN
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	KLAMATH RIVER RENEWAL PROJECT
SHEET TITLE	TITLE SHEET

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

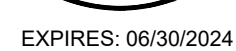


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$$1'' = 8000'$$

0 8000 16000 24000

HORIZ 1" = 8000'

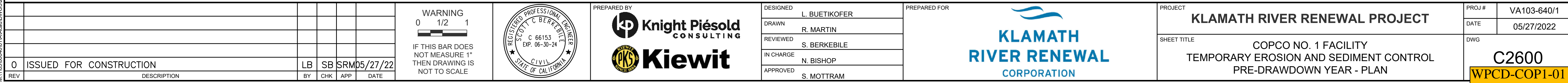


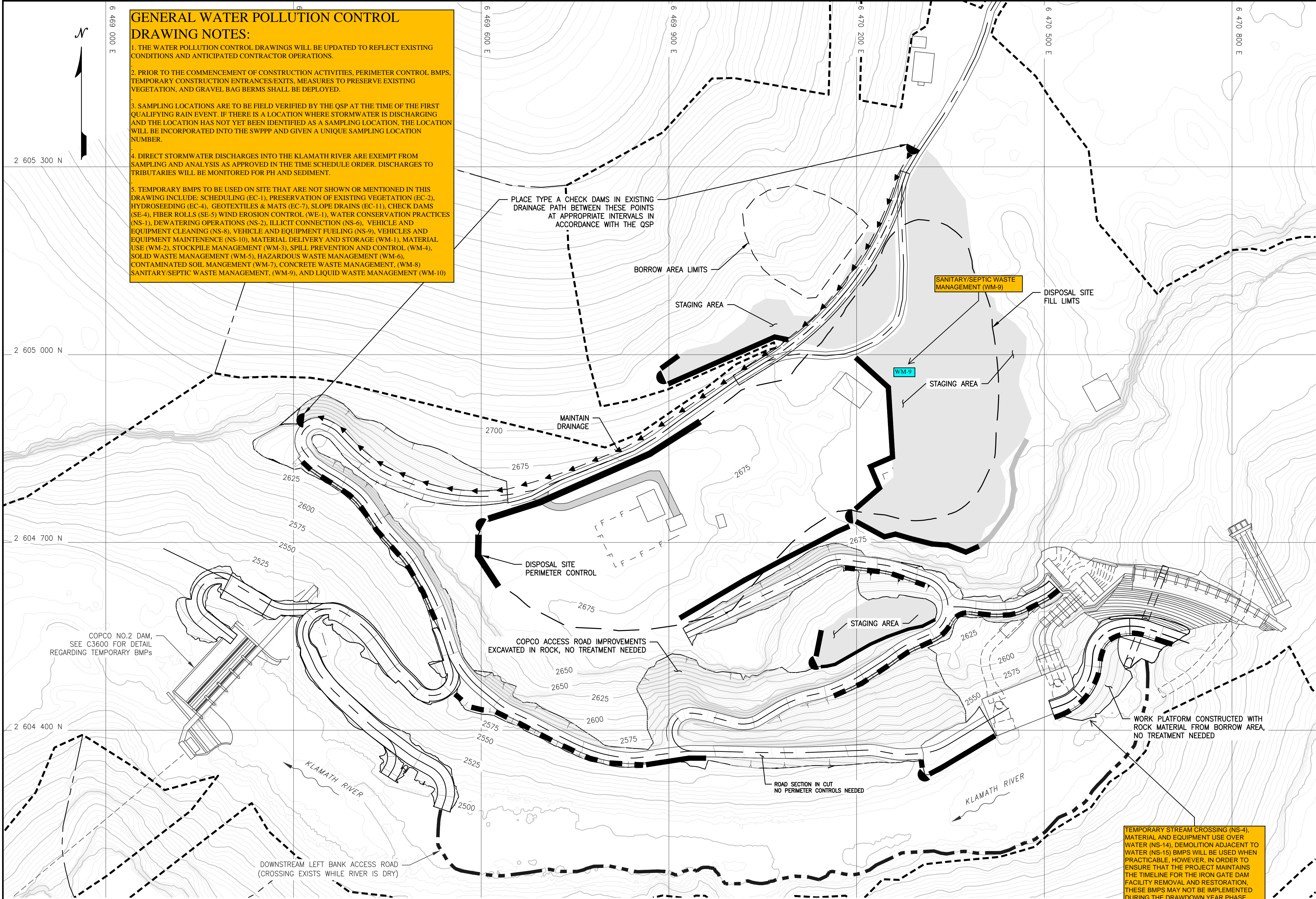
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THEN DRAWING IS  
NOT TO SCALE



PREPARED FOR	
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LEGEND:

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

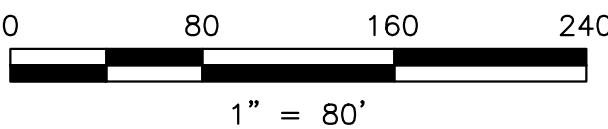
NOTES:

- THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
- 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.
- EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA BMP MANUAL FOR THE ANTICIPATED SITE CONDITIONS.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN YEAR DURING SUMMER CONDITIONS.
- 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.
- WATERING OF CONSTRUCTION ROADS WILL BE PROVIDED FOR DUST CONTROL.
- WHERE NECESSARY, STREET SWEEPING WILL BE PROVIDED FOR PAVED ROADS.

PLAN

1" = 80'

ISSUED FOR CONSTRUCTION



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REV	DESCRIPTION	BY	CHK	APP	DATE				

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

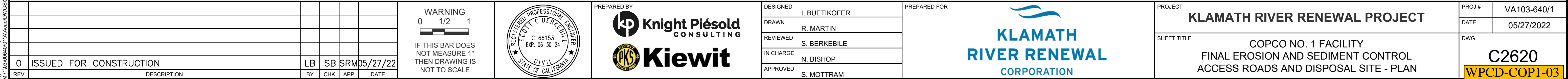


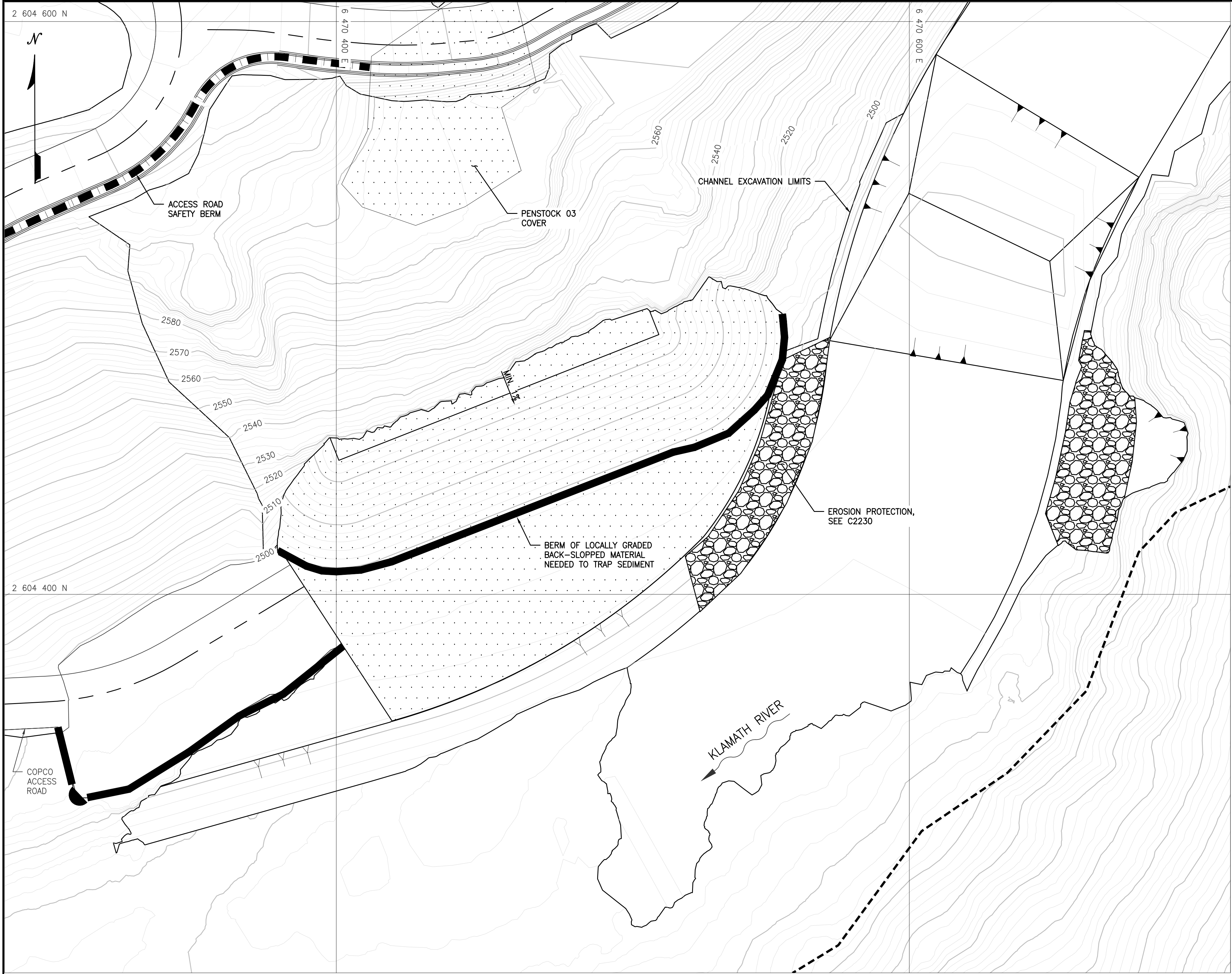
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



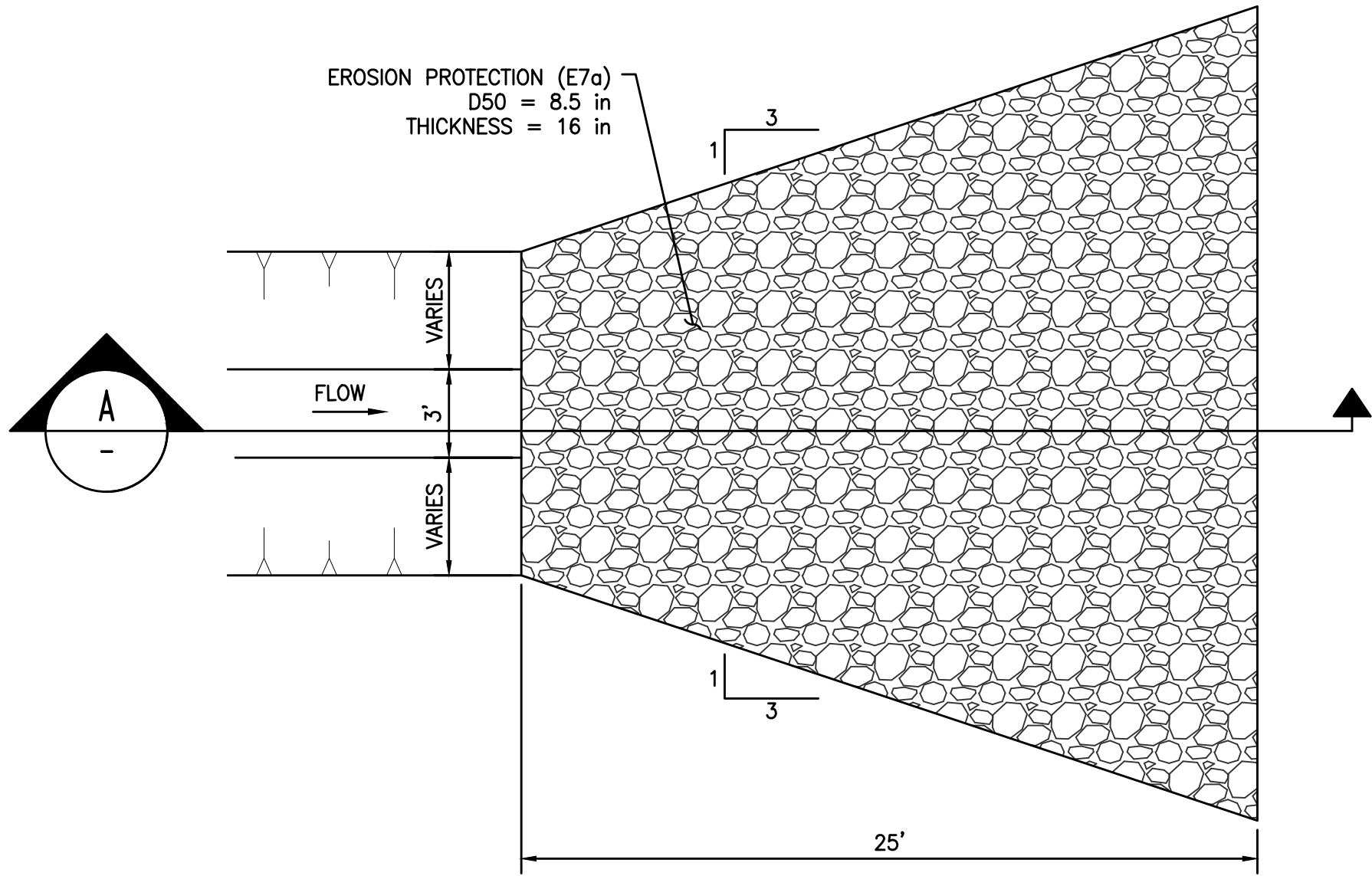
PROJECT	KLAMATH RIVER RENEWAL PROJECT
SHEET TITLE	COPCO NO. 1 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR - PLAN

PROJ #	VA103-640/1
DATE	05/27/2022
DWG	C2605
	WPCD-COP1-02

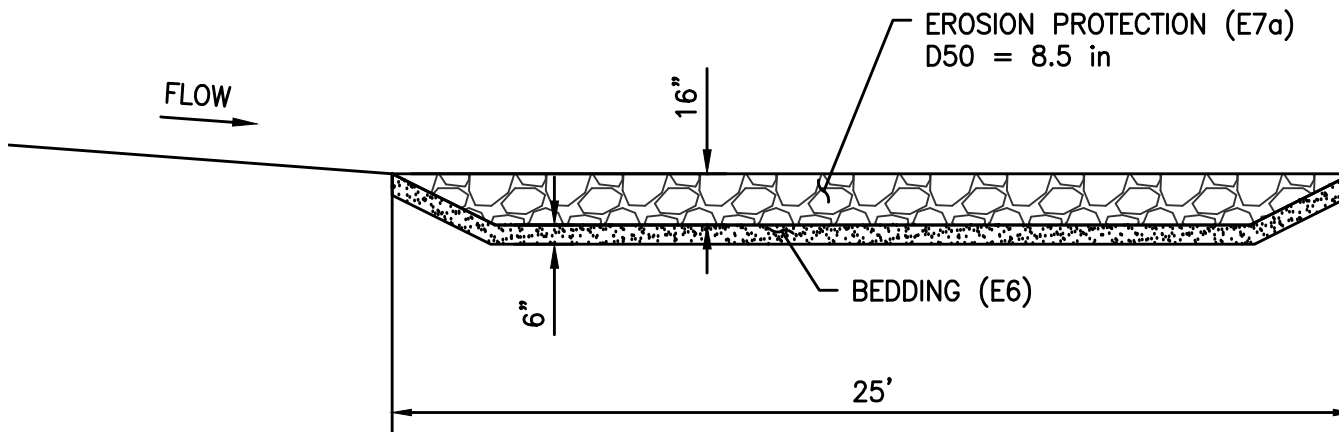




PLAN — POWERHOUSE BUTTRESS  
1" = 20'



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



A SECTION  
1" = 5'

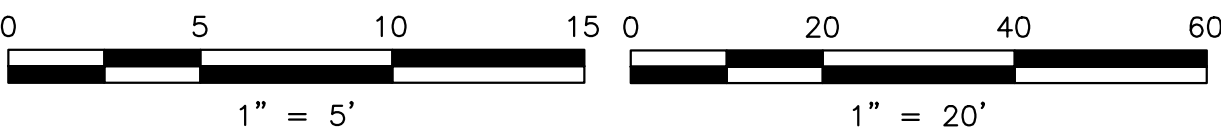
LEGEND:

- 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 REVEGETATION TO BE APPLIED BY OTHERS ACCORDING TO THE RAMP, AS REQUIRED.

ISSUED FOR CONSTRUCTION



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



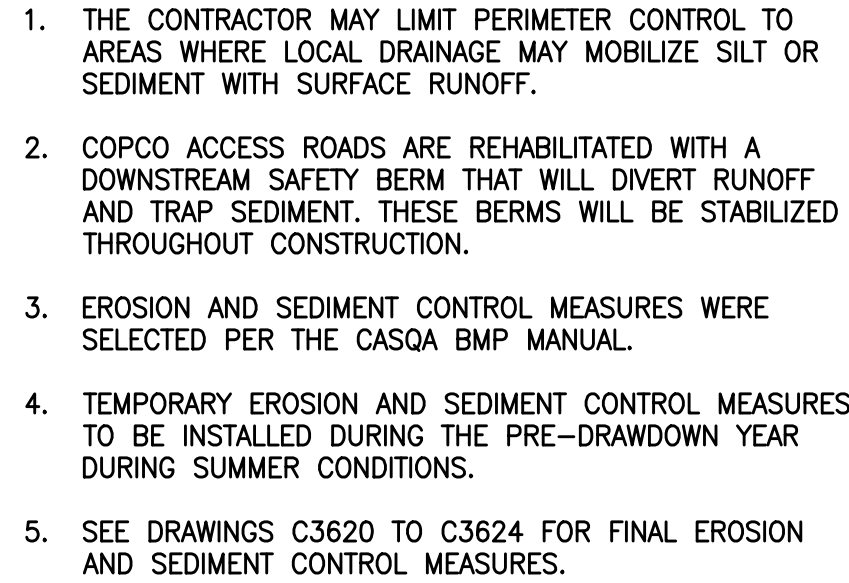
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM



PROJECT	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-COP1-04




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. DISCHARGE 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)

$$1'' = 30'$$

0 30 60 90

1" = 30'

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



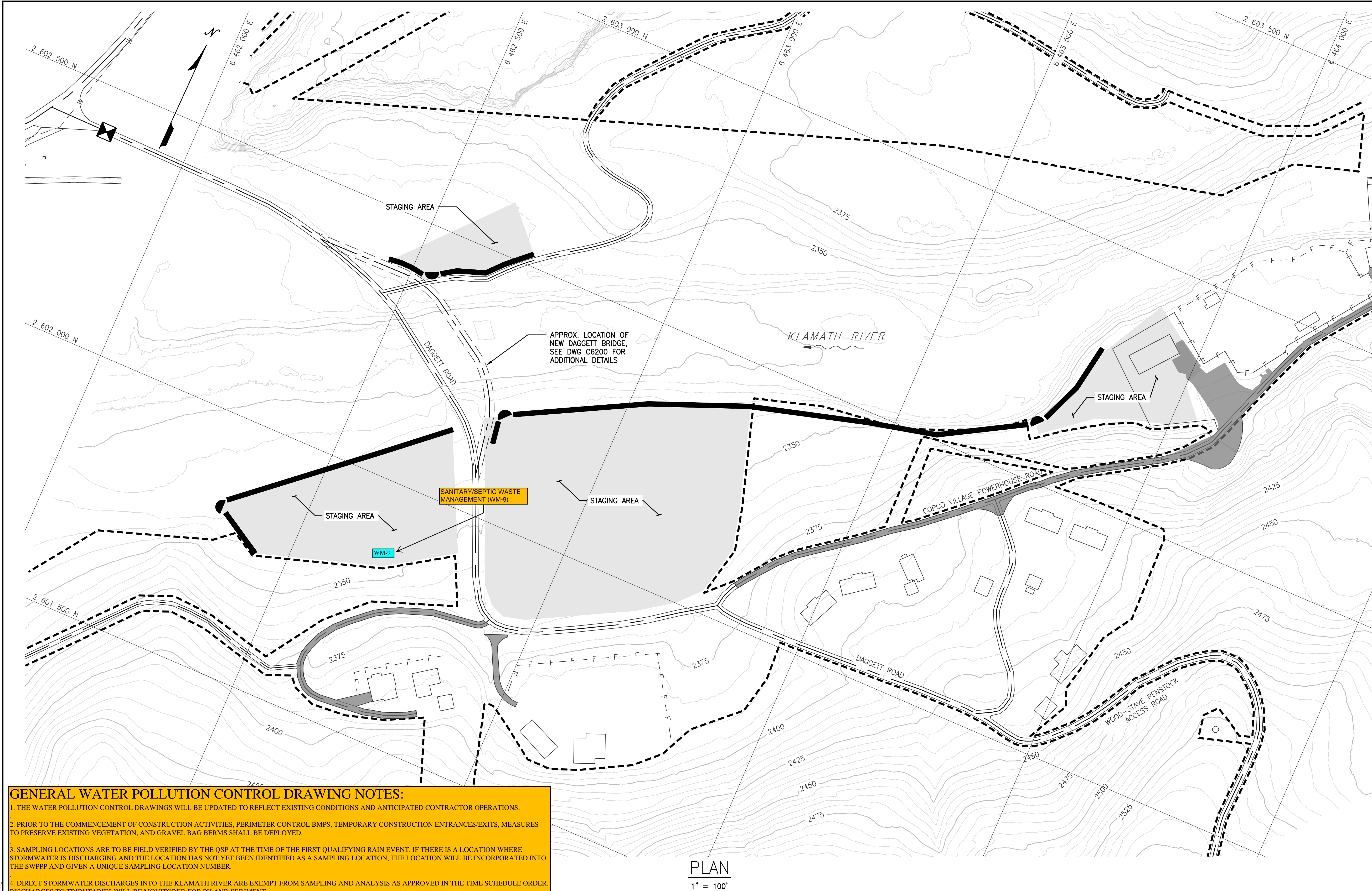
DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM

PREPARED FOR



**KLAMATH  
RIVER RENEWAL  
CORPORATION**

PROJECT	<b>KLAMATH RIVER RENEWAL PROJECT</b>		PROJ #	VA103-640/1
SHEET TITLE	COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL PRE-DRAWDOWN YEAR DAM REMOVAL		DATE	05/27/2022
			DWG	C3600 WPCD-COP2-0



**LEGEND:**

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

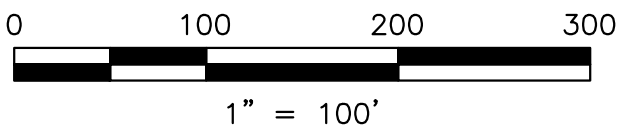
- NOTES:**
1. EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
  2. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  3. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED DURING THE PRE-DRAWDOWN 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'

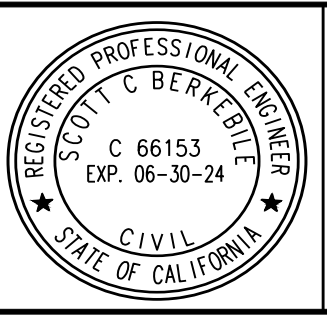
ISSUED FOR CONSTRUCTION



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REV	DESCRIPTION	BY	CHK	APP	DATE
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**WARNING**  
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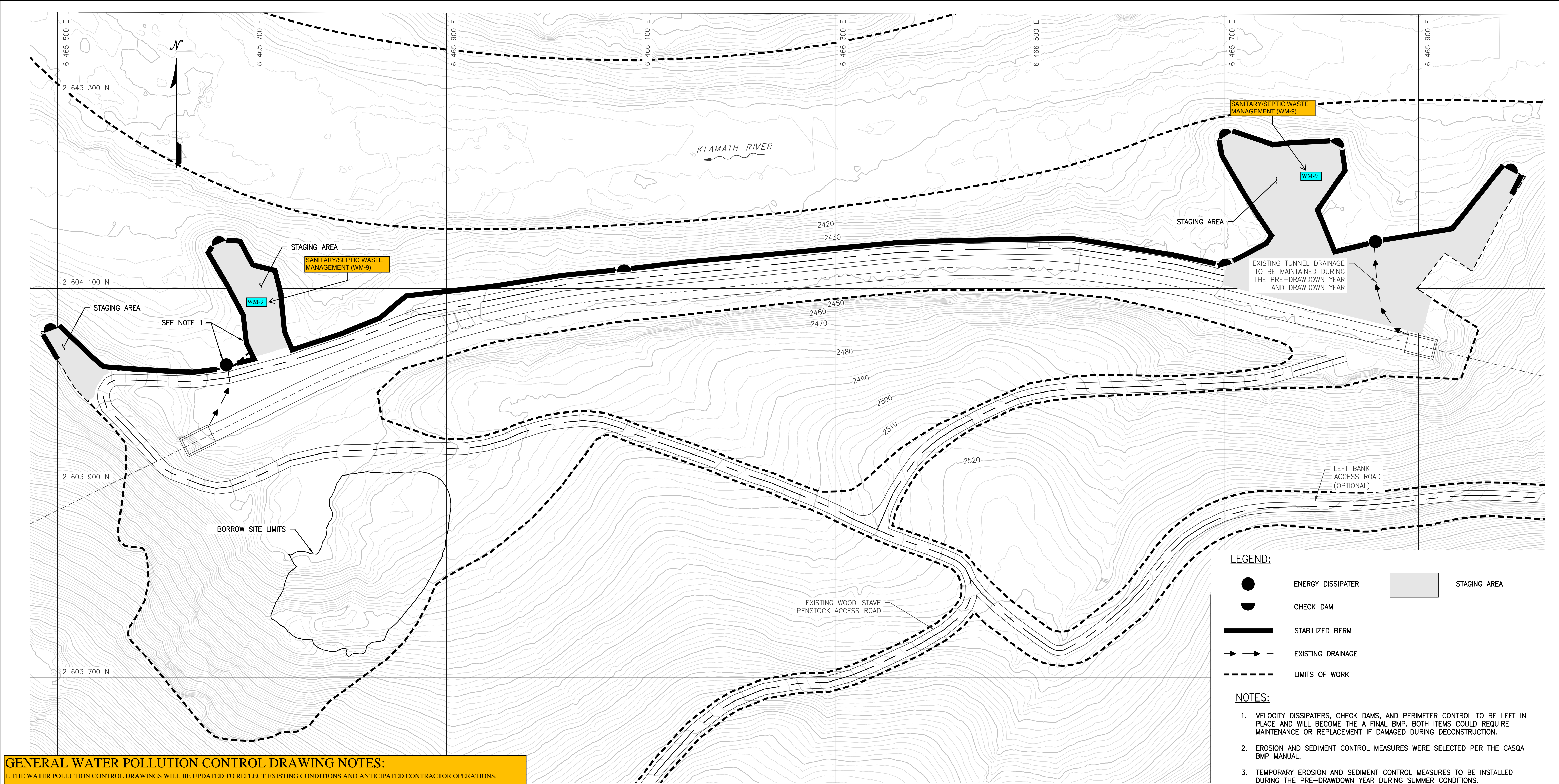


PREPARED BY  
**Knight Piésold CONSULTING**  
**Kiewit**

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

PREPARED FOR  
**KLAMATH RIVER RENEWAL CORPORATION**

PROJECT <b>KLAMATH RIVER RENEWAL PROJECT</b>		PROJ #	VA103-640/1
SHEET TITLE COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL PRE-DRAWDOWN YEAR COPCO VILLAGE		DATE	05/27/2022
		DWG	C3601
			WPCD-COP2-02



**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.

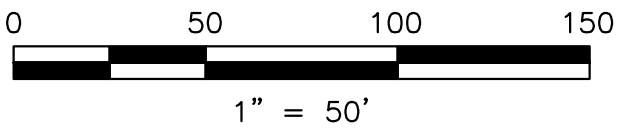
3. SAMPLING LOCATIONS ARE TO BE FIELD VERIFIED BY THE QSP AT THE TIME OF THE FIRST QUALIFYING RAIN EVENT. IF THERE IS A LOCATION WHERE STORMWATER IS DISCHARGING AND THE LOCATION HAS NOT YET BEEN IDENTIFIED AS A SAMPLING LOCATION, THE LOCATION WILL BE INCORPORATED INTO THE SWPPP AND GIVEN A UNIQUE SAMPLING LOCATION NUMBER.

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

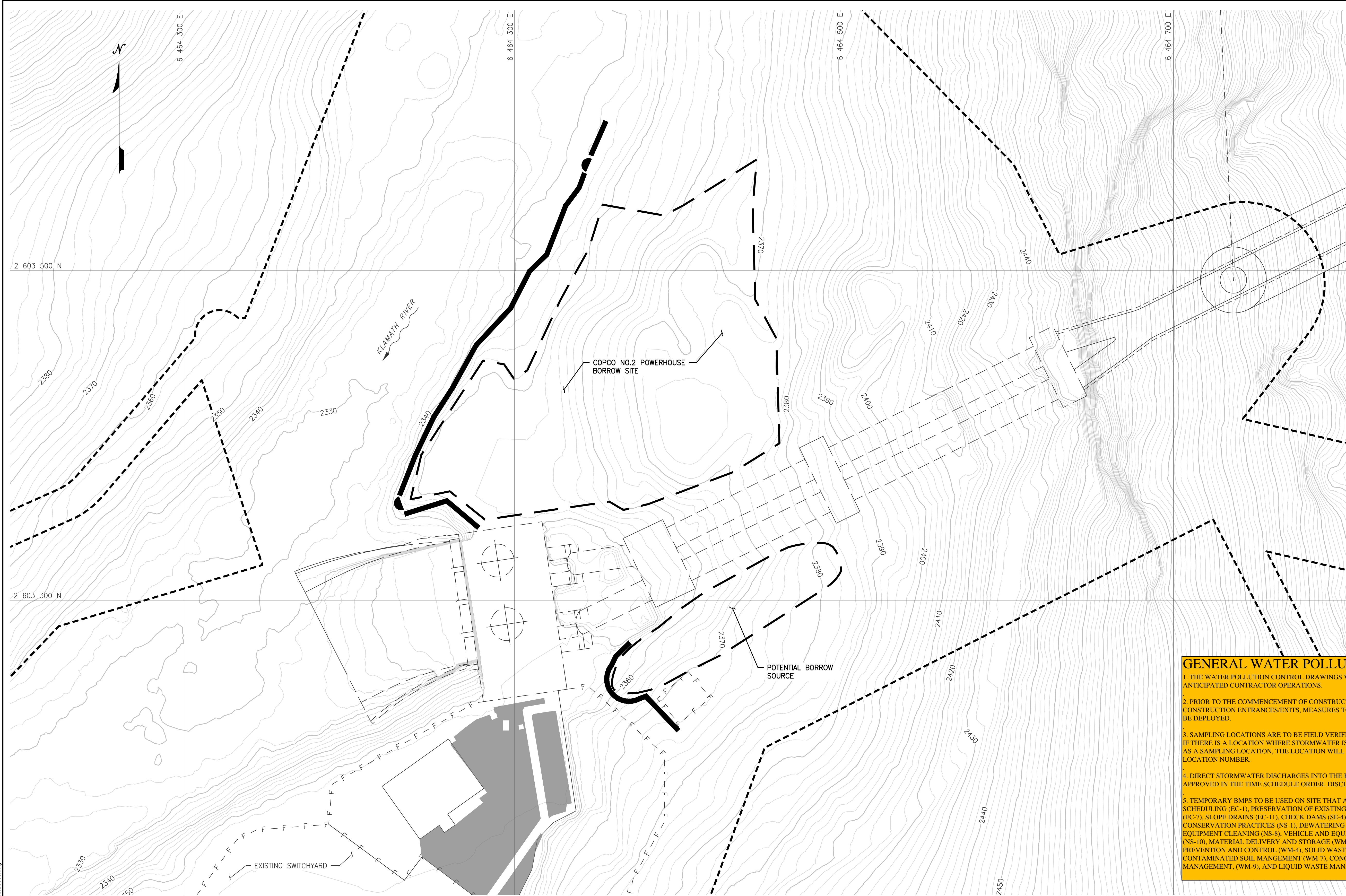


DESIGNED	L. BUETIKOFER
DRAWN	R. MARTIN
REVIEWED	S. BERKEBILE
IN CHARGE	N. BISHOP
APPROVED	S. MOTTRAM

PREPARED FOR



PROJECT	KLAMATH RIVER RENEWAL PROJECT		PROJ #	VA103-640/1
	COPCO NO. 2 FACILITY		DATE	05/27/2022
SHEET TITLE	TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR		DWG	C3605
	WOOD-STAVE PENSTOCK REMOVAL			WPCD-COP2-03



LEGEND:

- ASPHALT
- CHECK DAM
- STABILIZED BERM
- LIMITS OF WORK

NOTES:

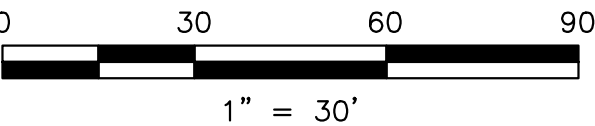
- EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
- SEE DRAWINGS C3620 TO C3624 FOR FINAL EROSION AND SEDIMENT CONTROL MEASURES.
- SEE C4601 FOR CHECK DAM AND STABILIZATION BERM TYPICAL SECTIONS.

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 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.
- 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 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



drawings May 24, 2022 - 2:17pm  
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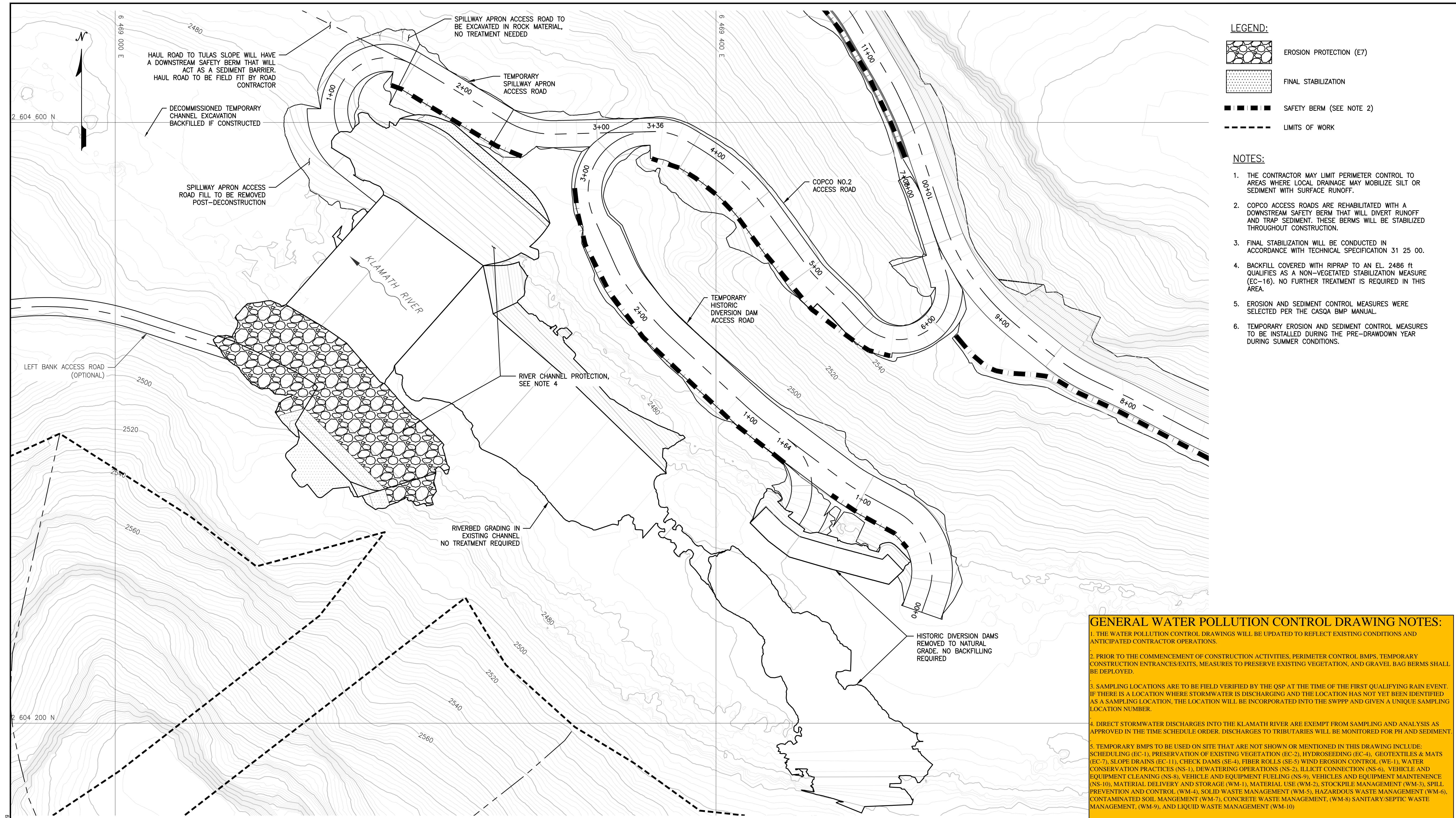
WARNING  
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IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE



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



PROJECT KLAMATH RIVER RENEWAL PROJECT		PROJ #	VA103-640/1
SHEET TITLE COPCO NO. 2 FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR POWERHOUSE AND PENSTOCK REMOVAL		DATE	05/27/2022
		DWG	C3606 WPCD-COP2-04



- LEGEND:**
- EROSION PROTECTION (E7)
  - FINAL STABILIZATION
  - SAFETY BERM (SEE NOTE 2)
  - LIMITS OF WORK

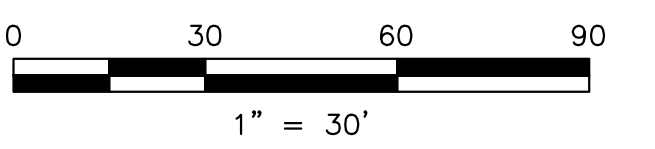
- NOTES:**
1. THE CONTRACTOR MAY LIMIT PERIMETER CONTROL TO AREAS WHERE LOCAL DRAINAGE MAY MOBILIZE SILT OR SEDIMENT WITH SURFACE RUNOFF.
  2. COPCO ACCESS ROADS ARE REHABILITATED WITH A DOWNSTREAM SAFETY BERM THAT WILL DIVERT RUNOFF AND TRAP SEDIMENT. THESE BERMS WILL BE STABILIZED THROUGHOUT CONSTRUCTION.
  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 MANGEMENT (WM-7), CONCRETE WASTE MANAGEMENT, (WM-8) SANITARY/SEPTIC WASTE MANAGEMENT, (WM-9), AND LIQUID WASTE MANAGEMENT (WM-10)

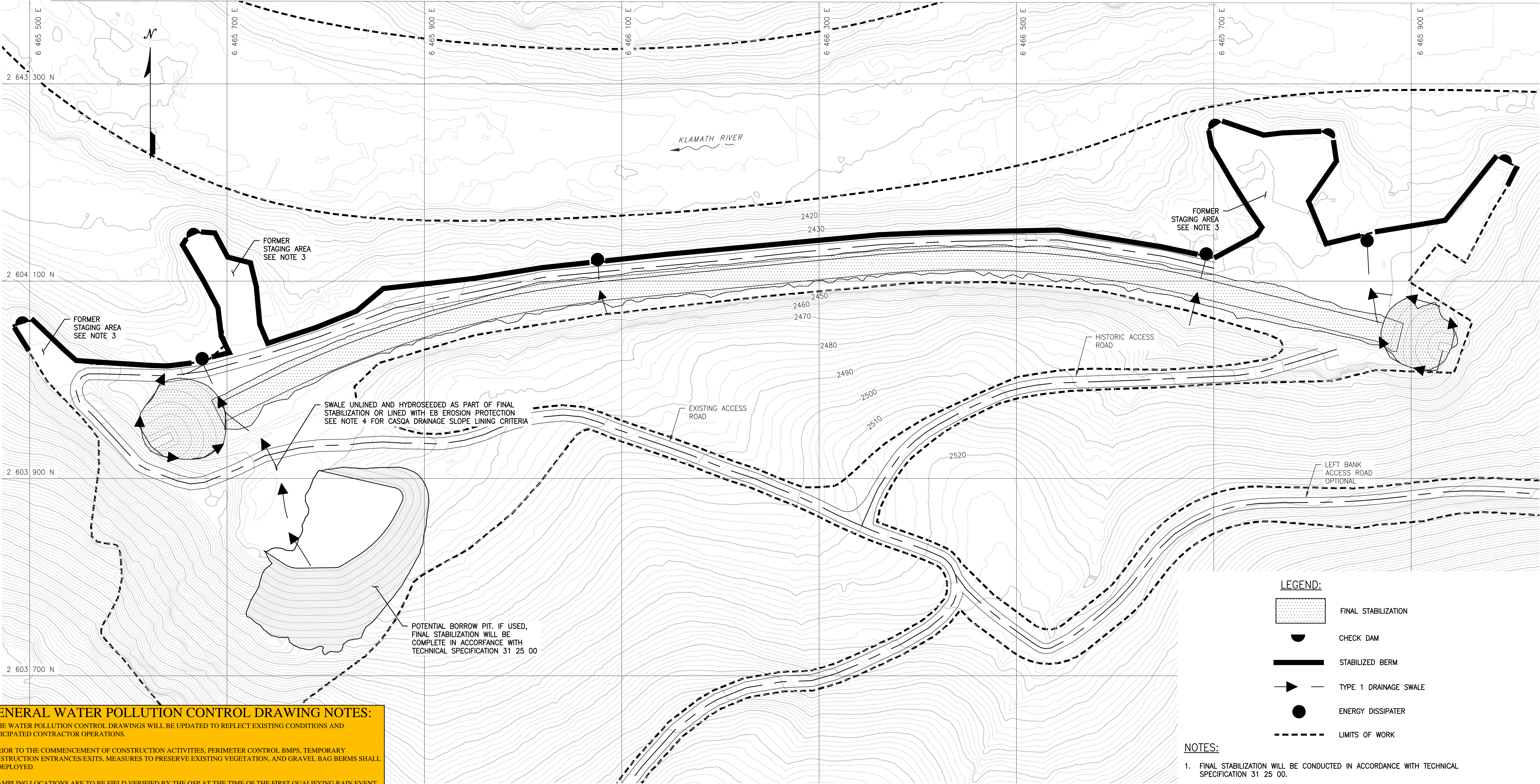
PLAN  
1" = 30'

ISSUED FOR CONSTRUCTION



					<div>WARNING</div> <div>0 1/2 1</div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE</div>					<div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>SCOTT C. BERKEBILE</div><div>C 66153</div><div>EXP. 06-30-24</div><div>CIVIL</div><div>STATE OF CALIFORNIA</div></div>					<div>PREPARED BY</div> <div><div> Knight Piésold CONSULTING</div><div><div> Kiewit</div></div></div>					<div>DESIGNED</div> <div>L. BUETIKOFER</div> <div>DRAWN</div> <div>R. MARTIN</div> <div>REVIEWED</div> <div>S. BERKEBILE</div> <div>IN CHARGE</div> <div>N. BISHOP</div> <div>APPROVED</div> <div>S. MOTTRAM</div>					<div>PREPARED FOR</div> <div><div> KLAMATH RIVER RENEWAL CORPORATION</div></div>					<div>PROJECT</div> <div>KLAMATH RIVER RENEWAL PROJECT</div> <div>SHEET TITLE</div> <div>COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL FINAL RIVER CHANNEL</div>					<div>PROJ #</div> <div>VA103-640/1</div> <div>DATE</div> <div>05/27/2022</div> <div>DWG</div> <div>C3620</div> <div>WPCD-COP2-05</div>	
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**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)

- LEGEND:**
- FINAL STABILIZATION
  - CHECK DAM
  - STABILIZED BERM
  - TYPE 1 DRAINAGE SWALE
  - ENERGY DISSIPATER
  - LIMITS OF WORK
- NOTES:**
- FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  - EROSION AND SEDIMENT CONTROL MEASURES TO BE WERE SELECTED PER THE CASQA MANUAL.
  - FINAL STABILIZATION FOR STAGING AREAS WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
  - 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.
  - SEE DRAWINGS C1622 AND C4601 FOR TYPICAL SECTIONS FOR EROSION AND SEDIMENT CONTROL MEASURES.
- 0 50 100 150  
1" = 50'

PLAN  
1" = 50'

ISSUED FOR CONSTRUCTION

drawings May 24, 2022 - 2:32pm  
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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

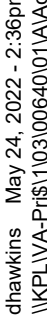


PREPARED BY  
**Knight Piésold CONSULTING**  
**Kiewit**

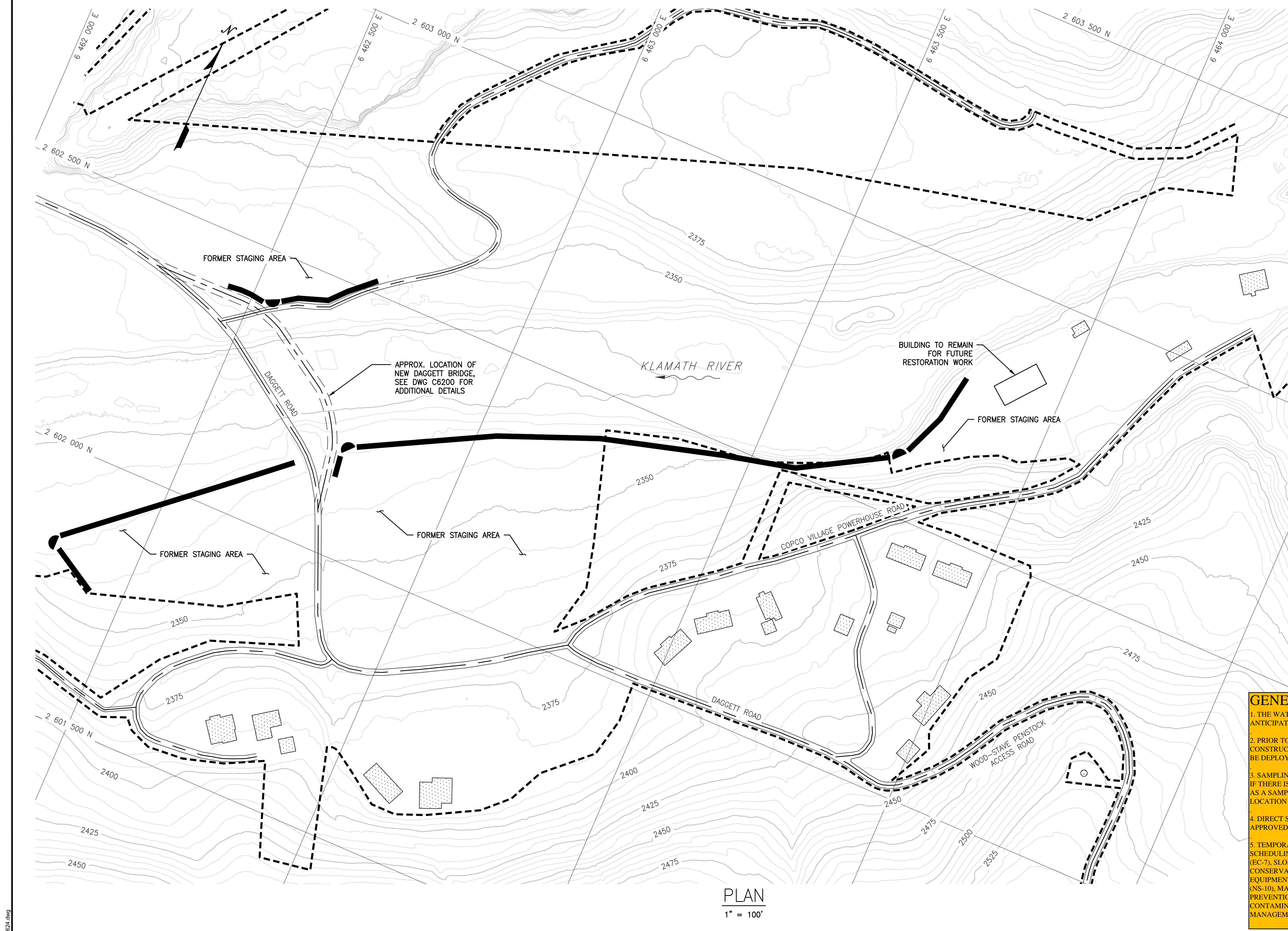
DESIGNED L. BUETIKOFER  
DRAWN R. MARTIN  
REVIEWED S. BERKEBILE  
IN CHARGE N. BISHOP  
APPROVED S. MOTTRAM

PREPARED FOR  
**KLAMATH RIVER RENEWAL CORPORATION**

PROJECT <b>KLAMATH RIVER RENEWAL PROJECT</b>	PROJ # VA103-640/1
SHEET TITLE COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL WOOD-STAVE PENSTOCK	DATE 05/27/2022
DWG <b>C3622</b> WPCD-COP2-06	



										<div>WARNING</div> <div>0 1/2 1</div> <div><div></div></div>		<div><div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>SCOTT C. BERKEBILE</div><div>C 66153</div><div>EXP. 06-30-24</div><div>CIVIL</div><div>STATE OF CALIFORNIA</div></div></div>		<div>PREPARED BY</div> <div><div><div>KP</div><div>Knight Piésold CONSULTING</div></div><div><div>PKS</div><div>Kiewit</div></div></div>		<div>DESIGNED</div> <div>L. BUETIKOFER</div>		<div>PREPARED FOR</div> <div><div><div><div></div><div>KLAMATH RIVER RENEWAL CORPORATION</div></div></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>C3623</div>					
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LEGEND:

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

NOTES:

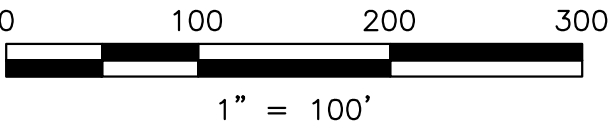
- FINAL STABILIZATION WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
- FINAL STABILIZATION OF STAGING AREAS WILL BE CONDUCTED IN ACCORDANCE WITH TECHNICAL SPECIFICATION 31 25 00.
- EROSION AND SEDIMENT CONTROL MEASURES WERE SELECTED PER THE CASQA MANUAL.
- CHECK DAM AND STABILIZATION 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.
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- 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



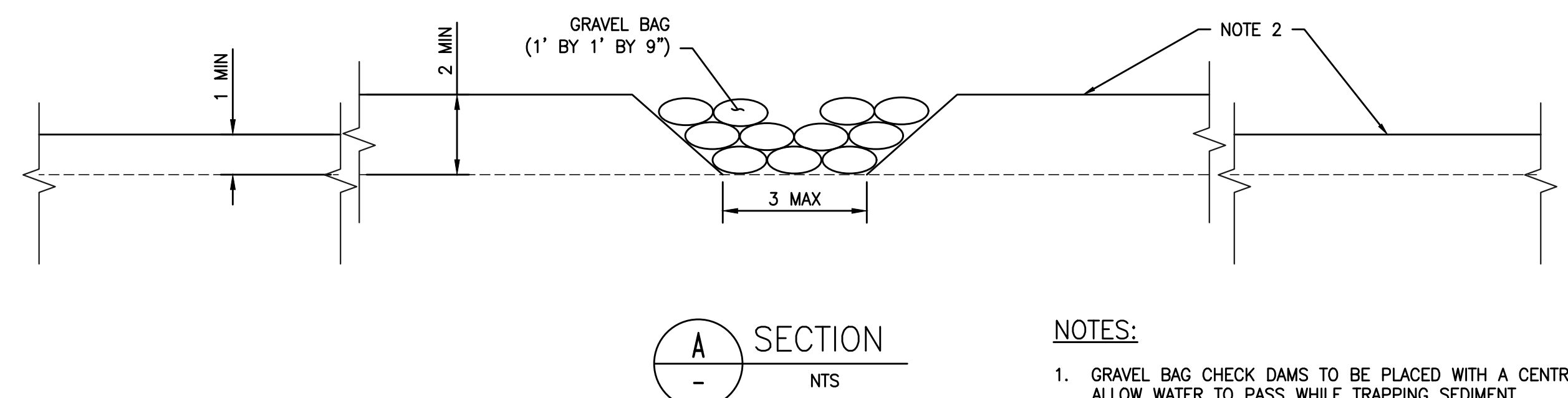
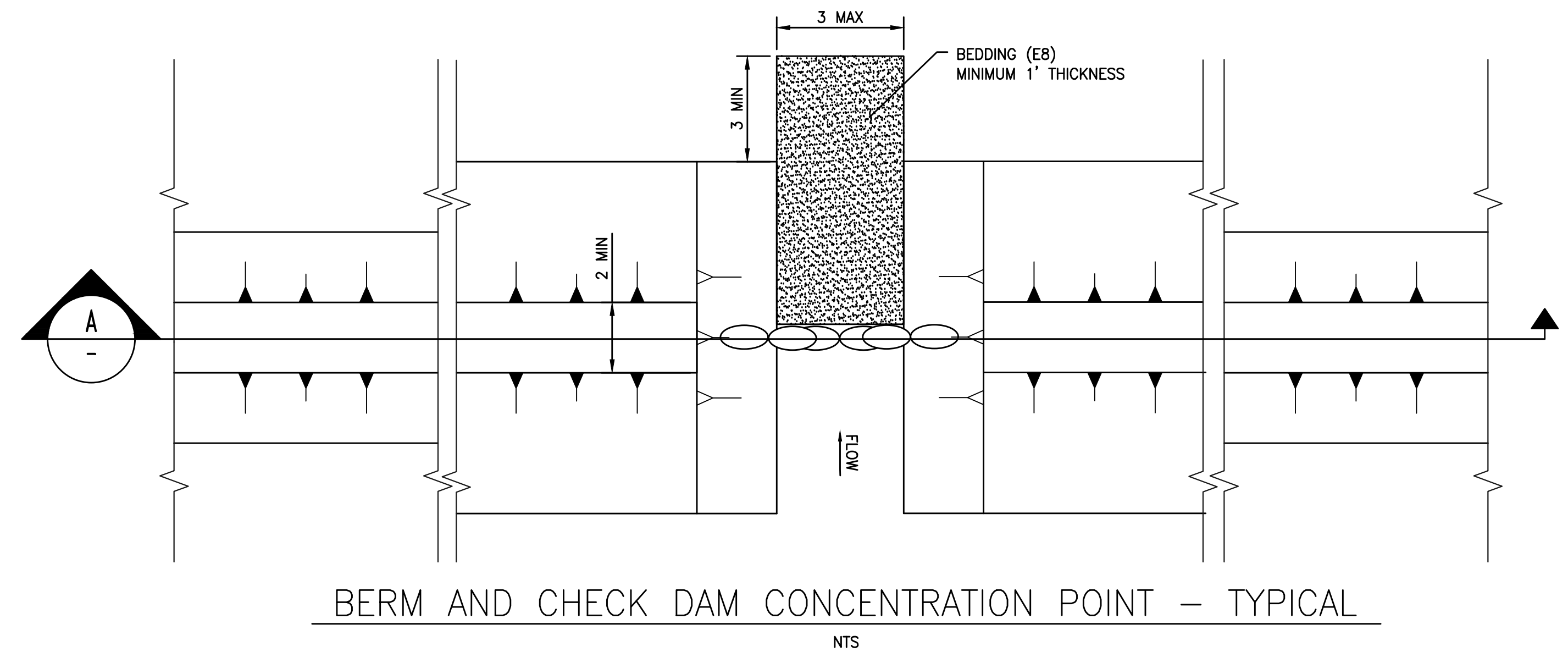
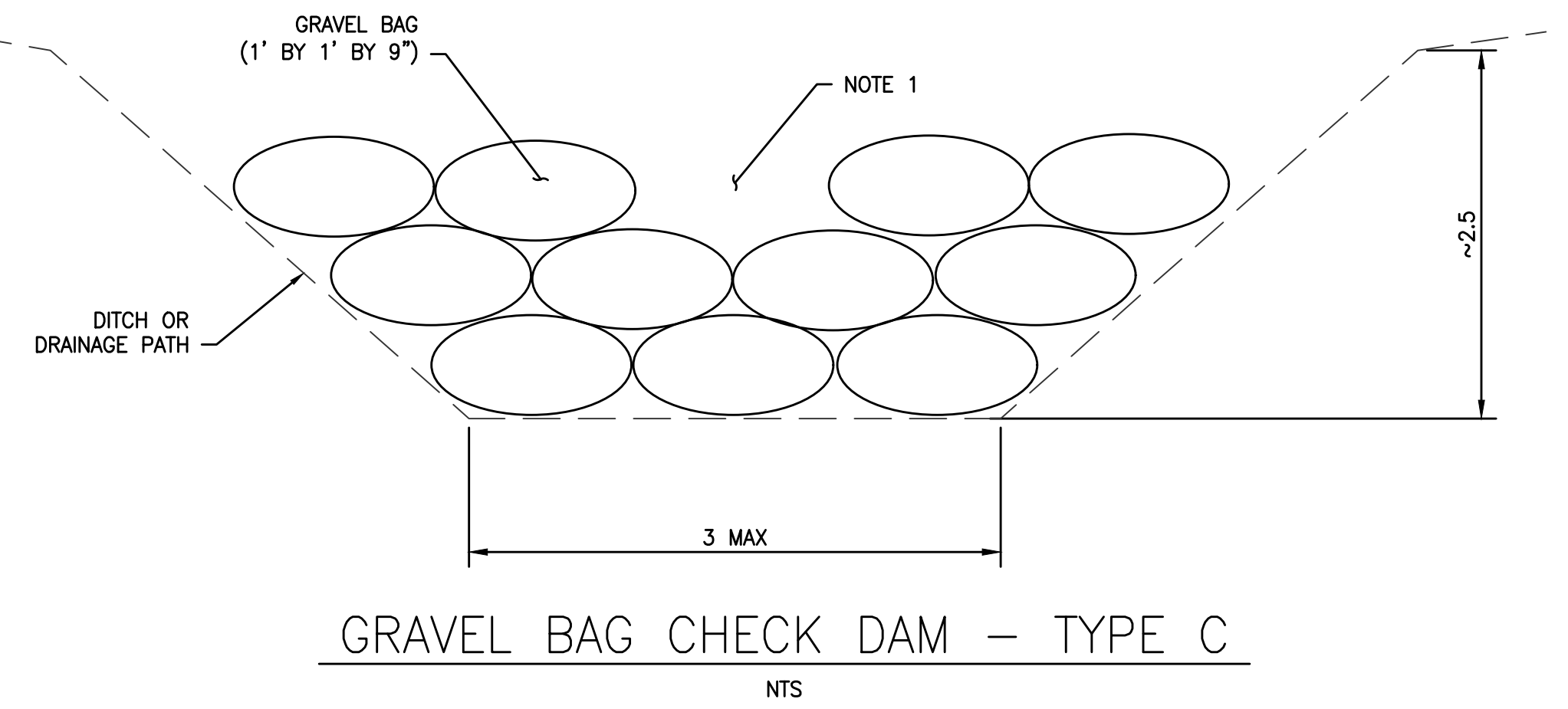
										<div>WARNING</div> <div>0 1/2 1</div> <div>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE</div>		<div><div>SCOTT C. BERKEBILLE</div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>C 66153</div><div>EXP. 06-30-24</div><div>CIVIL</div><div>STATE OF CALIFORNIA</div></div>		<div>PREPARED BY</div> <div><div><div></div></div> Knight Piésold CONSULTING</div> <div><div><div></div></div> Kiewit</div>		<div>DESIGNED</div> <div>L. BUETIKOFER</div> <div>DRAWN</div> <div>R. MARTIN</div> <div>REVIEWED</div> <div>S. BERKEBILE</div> <div>IN CHARGE</div> <div>N. BISHOP</div> <div>APPROVED</div> <div>S. MOTTRAM</div>		<div>PREPARED FOR</div> <div><div><div></div></div> KLAMATH RIVER RENEWAL CORPORATION</div>		<div>PROJECT</div> <div>KLAMATH RIVER RENEWAL PROJECT</div>		<div>PROJ #</div> <div>VA103-640/1</div>
																<div>SHEET TITLE</div> <div>COPCO NO. 2 FACILITY FINAL EROSION AND SEDIMENT CONTROL COPCO VILLAGE</div>		<div>DATE</div> <div>05/27/2022</div>				
																<div>DWG</div> <div>C3624</div> <div>WPCD-COP2-08</div>						
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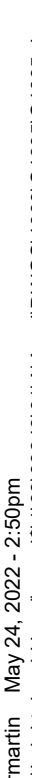
11. CHECK DAM AND STABILIZATION BERM DETAILS SHOWN ON C4601. CHECK DAMS USED IN CONJUNCTION WITH BERMS ALONG THE EDGES OF NEWLY CONSTRUCTED STAGING AREAS TO PREVENT EROSION,

## WPCD-IG-01



- ISSUED FOR CONSTRUCTION**

				 <p>WARNING 0 1/2 1</p> <p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE</p>								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>				PROJ # VA103-640/1	
																SHEET TITLE IRON GATE FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL BERM AND CHECK DAM SECTIONS				DATE 05/27/2022									
O ISSUED FOR CONSTRUCTION				LB SB SRM				05/27/22								DWG <b>C4601</b> <b>WPCD-IG-02</b>													
REV DESCRIPTION				BY CHK APP DATE																									



				WARNING 0 1/2 1 			PREPARED BY   <b>Kiewit</b>	DESIGNED L. BUETIKOFER	 <b>KLAMATH RIVER RENEWAL CORPORATION</b>	PROJECT <b>KLAMATH RIVER RENEWAL PROJECT</b>	PROJECT # VA103-640/
								DRAWN R. MARTIN		DATE 05/27/2022	
								REVIEWED S. BERKEBILE		SHEET TITLE IRON GATE FACILITY TEMPORARY EROSION AND SEDIMENT CONTROL DRAWDOWN YEAR	DWG <b>C4605</b> <b>WPCD-IG-03</b>
								IN CHARGE N. BISHOP			
							APPROVED S. MOTTRAM				
0 ISSUED FOR CONSTRUCTION				LB	SB	SRM	05/27/22				
REV	DESCRIPTION			BY	CHK	APP	DATE				