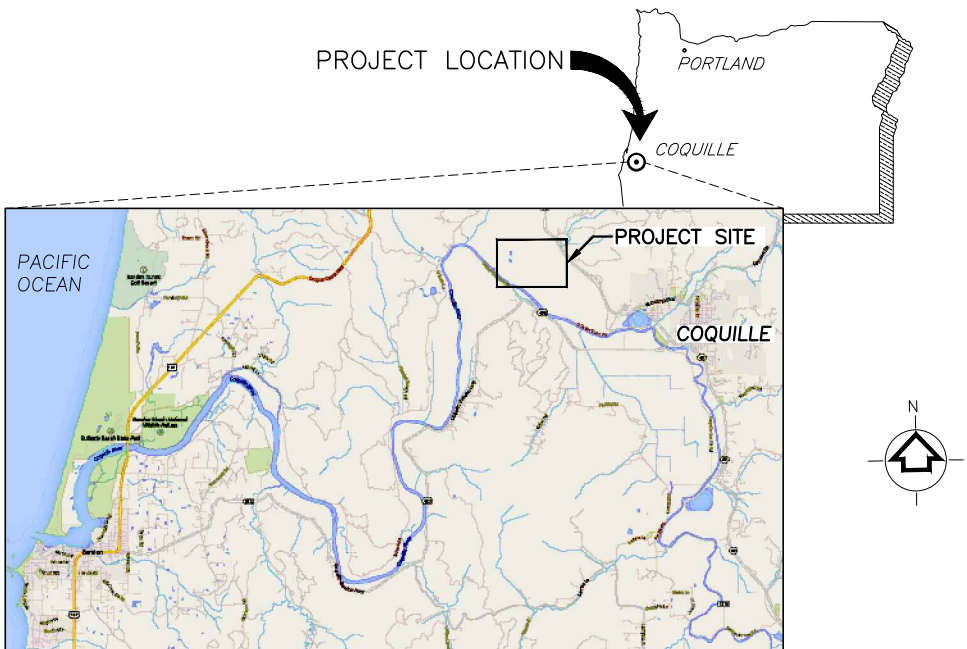
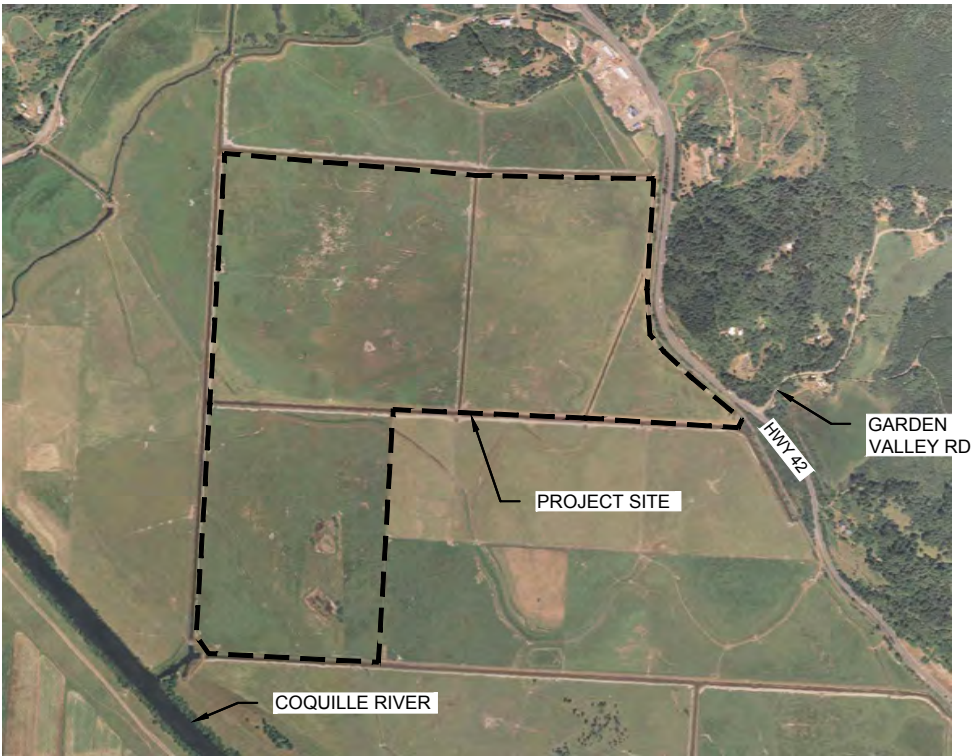


WINTER LAKE RESTORATION PROJECT
COQUILLE, COOS COUNTY, OREGON



VICINITY MAP
NOT TO SCALE



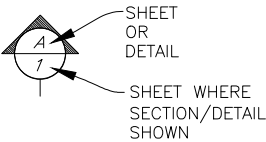
LOCATION MAP
SCALE: 1:1000

SHEET INDEX

SHT NUMBER	DWG NUMBER	SHT DESCRIPTION
GENERAL		
01	G01	TITLE, VICINITY, PROJECT AREA, LEGEND AND INDEX
02	G02	ABBREVIATIONS AND NOTES
CIVIL		
03	C01	EXISTING CONDITIONS WITH SURVEY CONTROL
04	C02	PLANNED MODIFICATIONS – NORTH
05	C03	PLANNED MODIFICATIONS – SOUTH
06	C04	NORTH FILL AREA LAYOUT AND COORDINATES
07	C05	SOUTH FILL AREA LAYOUT AND COORDINATES
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17	C15	NORTH CANAL BERM 4
18	C16	NEW NORTH–SOUTH CANAL AND BERM 1
19	C17	NEW NORTH–SOUTH CANAL AND BERM 2
20	C18	NEW NORTH–SOUTH CANAL AND BERM 3
21	C19	CHINA CAMP CREEK CANAL FILL 1
22	C20	CHINA CAMP CREEK CANAL FILL 2
23	C21	CHINA CAMP CREEK CANAL BERM 1
24	C22	CHINA CAMP CREEK CANAL BERM 2
25	C23	CHINA CAMP CREEK CANAL BERM 3
26	C24	INTERIOR CANAL FILL 1A
27	C25	INTERIOR CANAL FILL 1B
28	C26	INTERIOR CANAL FILL 1C
29	C27	INTERIOR CANAL FILL 2A
30	C28	INTERIOR CANAL FILL 2B
31	C29	TYPICAL CROSS SECTIONS
32	C30	FENCE DETAILS
33	C31	COORDINATE TABLES CHANNEL LAYOUT 1
34	C32	COORDINATE TABLES CHANNEL LAYOUT 2
35	C33	GUN CLUB TIDAL DEPRESSIONS PLAN
36	C34	GUN CLUB TIDAL DEPRESSIONS DETAILS
37	C35	GUN CLUB TIDAL DEPRESSIONS LAYOUT COORDINATES
38	C36	CULVERT PLAN, PROFILE AND SECTION
39	C37	ACCESS BRIDGE SECTION AND PROFILE
40	C38	ACCESS BRIDGE PLAN VIEW
41	C39	VEGETATION MOUNDS DETAILS & COORDINATE TABLE
42	C40	WATERFOWL NESTING ISLAND AND COORDINATE TABLE *TBD

LEGEND

EXISTING	PROPOSED
TREE	MAJOR CONTOUR
MAJOR CONTOURS	MINOR CONTOUR
MINOR CONTOURS	CONSTRUCTION LIMITS
PROPERTY LINE	CENTERLINE
FENCE	SILT/EXCLUSION FENCE
	RIPARIAN REVEGETATION
	AREA TO BE FILLED



ODFW IN–WATER WORK WINDOW: JUL 1 TO SEPT 15

90% DESIGN

PROJECT NO.
32071

FILE NAME:

DRAWING NO.
G01

SHT
NO 01 OF --

PROJECT LOCATION

JAN 2015

DESIGNED

MAR 2015

DRAWN

JAN 2015

CHECKED

JAN 2015

APPROVED

DATE

PRELIMINARY - NOT FOR CONSTRUCTION

TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-5388
(F) 503-228-8631

WINTER LAKE RESTORATION PROJECT

TITLE, VICINITY, PROJECT AREA,
LEGEND AND INDEX

COQUILLE, OREGON

Protecting nature. Preserving life.
THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

NOTES

GENERAL

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING REQUIREMENTS SET FORTH IN THE PERMITS OBTAINED FOR THIS PROJECT. THE CONTRACTOR SHALL MAINTAIN A COPY OF ALL PERMITS ONSITE DURING CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE CONDITIONS AND THE SAFETY OF HUMAN LIFE DURING THE COURSE OF CONSTRUCTION. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY DURING THE PERIOD OF CONSTRUCTION AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
3. THE CONTRACTOR SHALL KEEP JOB SITE AREA CLEAN, HAZARD-FREE, AND PROPERLY DISPOSE OF ALL DEBRIS, RUBBISH, AND CONSTRUCTION WASTE. ALL DISTURBED AREAS ARE TO BE REHABILITATED PER FINAL GRADING SPECIFICATIONS OR AT DIRECTION OF CAR.
4. THE CONTRACTOR SHALL INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE.

SURVEY CONTROL AND CONSTRUCTION LIMITS

1. EXISTING GROUND ELEVATION DATA IS FROM THE COMBINED LIDAR (DOGAMI 2009) AND 2013 TOPOGRAPHIC SURVEY (ESTABROOK 2013). ALL MAPPING IS PROJECTED TO NAD83 STATE PLANE OREGON SOUTH, UNITS OF US FEET. ALL ELEVATIONS ARE RELATIVE TO NAVD88 IN UNITS OF FEET. SURVEY CONTROL POINTS ARE PROVIDED FROM SURVEY PERFORMED BY ESTABROOK LAND SURVEYING IN 2013.
2. ALL STATIONING REFERS TO CENTERLINE OF CONSTRUCTION AND IS THE MEASURED HORIZONTAL DISTANCE.
3. CONSTRUCTION LIMITS, CENTERLINE AND OFFSET STAKING TO BE PERFORMED BY THE CONTRACTOR.
4. ALL CONSTRUCTION ACTIVITY, INCLUDING STAGING AND STOCKPILING, SHALL BE CONFINED TO THE PARCELS AS SHOWN IN THESE PLANS. CONTRACTOR SHALL ADHERE TO CONSTRUCTION LIMITS. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING REQUIRED DATUM, BENCHMARKS, CONTROL LINES AND LEVELS. DO NOT DISTURB, EXCAVATE OR WORK BEYOND PROJECT LIMITS WITHOUT WRITTEN PERMISSION FROM CAR.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING OREGON UTILITY NOTIFICATION CENTER AT 800.332.2344 AND SECURING A UTILITY LOCATE PRIOR TO COMMENCEMENT OF CONSTRUCTION WORK. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING MARKINGS.
6. CONTRACTOR TO INSTALL TEMPORARY FENCING WHEREVER NEEDED TO ENSURE CATTLE DO NOT ENTER THE WORKSITE.

ENVIRONMENTAL PROTECTION

1. CONTRACTOR WILL BE REQUIRED TO OBTAIN CONSTRUCTION NPDES PERMIT.
2. CONTRACTOR IS RESPONSIBLE FOR ADHERING TO WATER QUALITY STANDARDS AND SPECIFICATIONS. ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED AND PROVIDED BY CONTRACTOR. SILT CURTAIN AND SILT FENCING ARE MINIMUM REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY BE REQUIRED AT CONTRACTORS EXPENSE TO MEET BMPs, THE SEDIMENT AND EROSION CONTROL PLAN, AND NPDES PERMIT REQUIREMENTS.
3. IF POTENTIAL HAZARDOUS MATERIALS ARE ENCOUNTERED, THE CAR SHOULD BE CONTACTED IMMEDIATELY.
4. WORK WITHIN THE OHW OF CHINA CAMP CREEK WILL BE PERFORMED DURING THE IN-WATER WORK WINDOW FROM JULY 15 TO SEPT 15 OR AS DETERMINED BY ODFW.

SEDIMENT AND EROSION CONTROL

1. CONTRACTOR IS REQUIRED TO PREPARE AND SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL BY THE CAR PRIOR TO COMMENCING WORK.
2. SEDIMENT CONTROL MEASURES SUCH AS SILT CURTAINS OR BARRIERS IN THE CANALS ARE REQUIRED TO FUNCTION THROUGHOUT ALL TIDAL CYCLES AND ANTICIPATED RAINSTORMS AND MUST REMAIN IN PLACE UNTIL EXCAVATION OR FILL WORK IS COMPLETE FOR EACH LOCATION.
3. INSTALL EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO EACH CONSTRUCTION ELEMENT AND MAINTAIN THROUGHOUT DURATION OF ALL WORK.

SITE EARTHWORK AND GRADING

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SITE EARTHWORK AND GRADING ACTIVITIES. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB SITE CONDITIONS WITH APPROVAL BY THE CAR. SIGNIFICANT DEVIATIONS FROM THESE PLANS SHALL BE COORDINATED WITH THE ENGINEER OF RECORD AND SHALL BE DOCUMENTED FOR INCLUSION IN AS-BUILT DRAWINGS TO BE PREPARED BY CONTRACTOR AT COMPLETION OF PROJECT.
2. EXCAVATED SOILS THAT MEET REQUIREMENTS MAY BE REUSED ON-SITE AS SHOWN AS LONG AS MEETING THE REQUIREMENTS. FINAL GRADING OF REUSED MATERIAL SHALL BE APPROVED BY CAR.
3. EXISTING SOILS ARE LIKELY TO BE SOFT AND SATURATED, AND LIKELY TO NOT SUPPORT CONVENTIONAL CONSTRUCTION EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL ACCESS MEASURES REQUIRED TO KEEP CONSTRUCTION ON SCHEDULE. THESE INCLUDE AND ARE NOT LIMITED TO ADEQUATE DEWATERING, SOIL REINFORCEMENT PADS AND SOIL STABILIZATION MATS, AND/OR TEMP GEOTEXTILE AND GRAVEL ACCESS ROADS, USE OF LOW IMPACT TIRES, AND SPECIALIZED CONSTRUCTION EQUIPMENT.

TEMPORARY CONSTRUCTION FACILITIES

3. ALL TEMPORARY UTILITIES AND FACILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. A CONSTRUCTION TRAILER IS NOT REQUIRED. SITE MAY NOT HAVE EXISTING POTABLE WATER OR ELECTRICITY CONNECTIONS. ANY USE OF POTABLE WATER OR ELECTRICITY FROM EXISTING CONNECTIONS ON SITE MUST BE COORDINATED WITH LANDOWNER THROUGH WRITTEN AGREEMENT PRIOR TO USE. A CHEMICAL TOILET OF SUITABLE TYPE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT ALL TIMES.

ABBREVIATIONS

BMP	BEST MANAGEMENT PRACTICE(S)
BSDD	BEAVER SLOUGH DRAINAGE DISTRICT
BTM	BOTTOM
CAR	CONTRACTING AGENCY REPRESENTATIVE, THE NATURE CONSERVANCY (TNC)
CCGC	CHINA CAMP GUN CLUB, INC.
CUYD	CUBIC YARDS
DEPT	DEPARTMENT
DIA, Ø	DIAMETER
DMS	DEGREES, MINUTES, SECONDS
DWG	DRAWINGS
E	EASTING
EG	EXISTING GROUND
EL, ELEV	ELEVATION
FG	FINISHED GROUND
FT	FOOT OR FEET
HORZ	HORIZONTAL
IN	INCH OR INCHES
LWD	LARGE WOODY DEBRIS
MAX	MAXIMUM
MHHW	MEAN HIGHER HIGH WATER
MIN	MINIMUM
N	NORTH, NORTHING
NAD83	NORTH AMERICAN DATUM OF 1983
NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988
NO	NUMBER
NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NTS	NOT TO SCALE
OC	ON CENTER
ODOT	OR DEPT OF TRANSPORTATION
ODFW	OR DEPT OF FISH AND WILDLIFE
OHW	ORDINARY HIGH WATER
PC	PRIMARY CHANNEL
PT	POINT
RM	REFERENCE MONUMENT
STA	STATION
SC	SECONDARY CHANNEL
SHT	SHEET
SPEC	SPECIFICATION(S)
SS	SIDESLOPE
SQ	SQUARE
STD	STANDARD
TBD	TO BE DEVELOPED; TO BE DETERMINED
TEMP	TEMPORARY
TYP	TYPICAL
USACE	UNITED STATES ARMY CORPS OF ENGINEERS
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE
VERT	VERTICAL
W	WITH
WC	WITNESS CORNER
W/O	WITHOUT
°	DEGREE
@	AT
#	NUMBER

 The Nature Conservancy Protecting nature. Preserving life.® THE NATURE CONSERVANCY 57700 RATHBONE RD. EUGENE, OR 97402		WINTER LAKE RESTORATION PROJECT ABBREVIATIONS AND NOTES COQUILLE, OREGON		 TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631 PRELIMINARY - NOT FOR CONSTRUCTION		TB /MM DESIGNED JAN 2015 MAR DRAWN JAN 2015 WTF CHECKED JAN 2015 APPROVED DATE	
PROJECT NO. 32071		FILE NAME:		DRAWING NO. G02		SHT NO 02 OF --	



CONTROL POINT TABLE

POINT #	NORTHING	EASTING	ELEV	POINT DESCRIPTION
1	582322.50	3924626.00	39.33	BASE POINT ON HIGHWAY, HUB & NAIL
2	579770.00	3919024.00	18.59	TRAVERSE POINT HUB & NAIL
3	579627.40	3919151.00	18.46	TRAVERSE POINT HUB & NAIL
4	584624.40	3923132.00	4.67	TRAVERSE POINT HUB & NAIL
5	584855.80	3919355.00	7.72	TRAVERSE POINT HUB & NAIL
6	582319.90	3919333.00	10.95	TRAVERSE POINT HUB & NAIL
7	582219.70	3921149.00	9.04	TRAVERSE POINT HUB & NAIL
8	582179.20	3921789.00	5.56	TRAVERSE POINT HUB & NAIL
9	582116.80	3923103.00	6.73	TRAVERSE POINT HUB & NAIL
10	582056.20	3924416.00	5.66	5/8" IRON ROD WITHOUT CAP
11	582052.00	3924526.00	6.71	EYE BOLT @ FISH AND WILDLIFE MONITORING DEVICE
12	584622.90	3923806.00	4.99	BASE POINT A 5/8" IRON ROD WITH PLASTIC CAP LABELED "ESTABROOK LS2703"
13	584514.50	3923845.00	4.93	GPS CHECK PT A 5/8" IRON ROD WITH PLASTIC CAP LABELED "ESTABROOK LS2703"
14	584661.00	3923842.00	5.54	BSDD M14 A 1/2" IRON ROD WITH OUT CAP
15	584644.90	3921960.00	2.90	RM N1/4 COR A 5/8" IRON ROD WITH PLASTIC CAP
16	582174.40	3921800.00	5.79	BSDD M15 A 1/2" IRON ROD WITHOUT CAP
17	582179.60	3921791.00	5.48	WC C1/4 A 5/8" IRON ROD WITH PLASTIC CAP
18	582174.40	3921800.00	5.77	BSDD M15 A 1/2" IRON ROD WITHOUT CAP
19	582211.70	3921135.00	8.43	WC 1/64 A 5/8" IRON ROD WITH PLASTIC CAP
20	582242.10	3919264.00	7.64	BSDD M21 A 1/2" IRON ROD WITHOUT CAP
21	582026.10	3923692.00	5.53	BSDD M24 A 1/2" IRON ROD WITH OUT CAP
22	579869.00	3919060.00	9.39	BSDD M20 A 1/2" IRON ROD WITHOUT CAP
23	579371.40	3918976.00	18.34	BSDD M18 A 1/2" IRON ROD WITHOUT CAP
24	584623.50	3921999.00	3.21	BSDD M23 A 1/2" IRON ROD WITHOUT CAP

EXISTING CONDITIONS

1
—

90% DESIGN

JAN 2015

JAN 2015

JAN 2015

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

PRELIMINARY - NOT FOR CONSTRUCTION

TETRA TECH, INC.

1020 SW Taylor Street

Suite 530

Portland, OR 97205

(P) 503-223-5388

(F) 503-228-8631

Tt

WINTER LAKE RESTORATION PROJECT

EXISTING CONDITIONS WITH SURVEY CONTROL

COQUILLE, OREGON

Protecting nature. Preserving life.

THE NATURE CONSERVANCY

87200 RATHBONE RD.

EUGENE, OR 97402

PROJECT NO.

32071

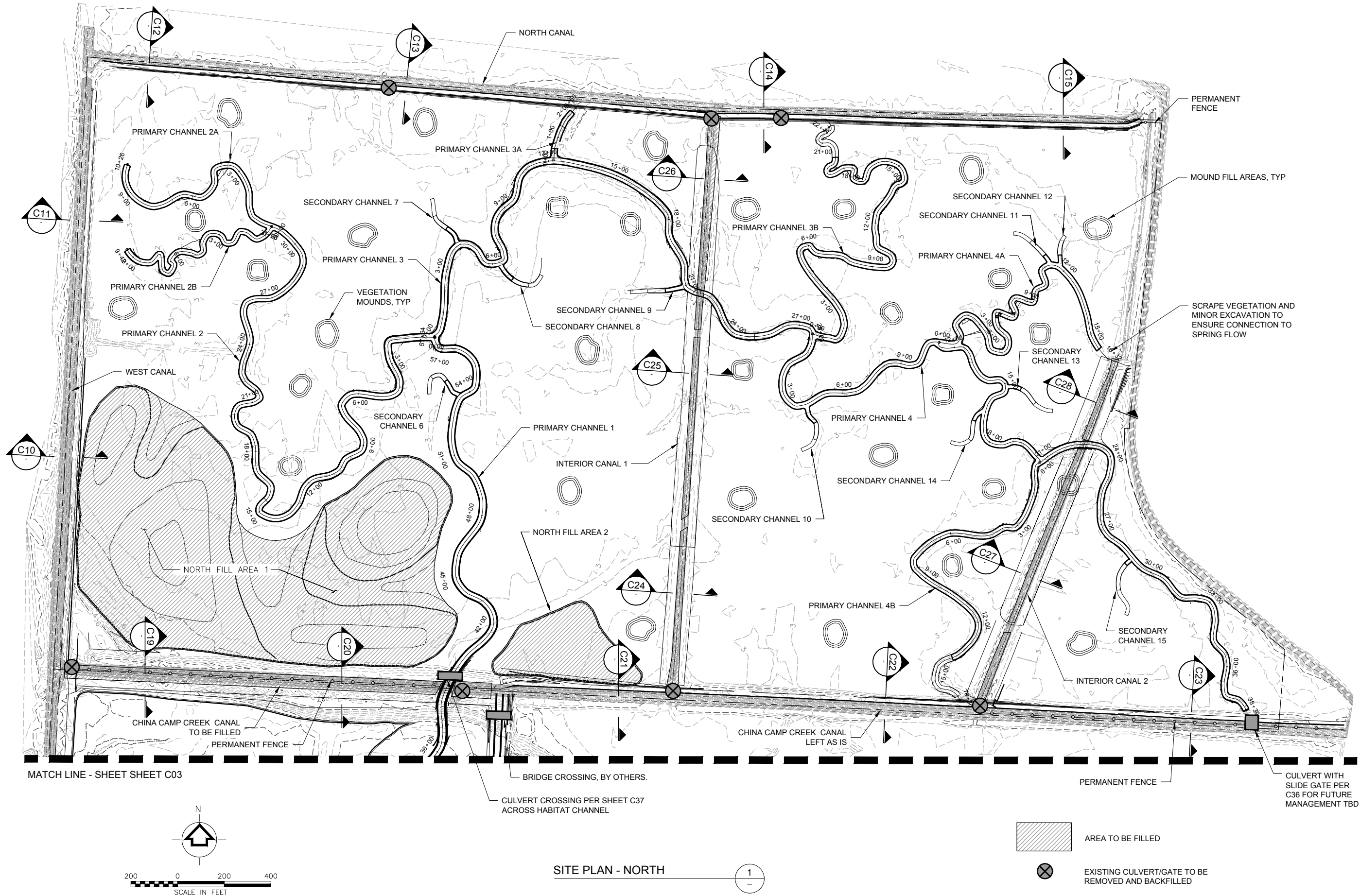
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DRAWING NO.

C01

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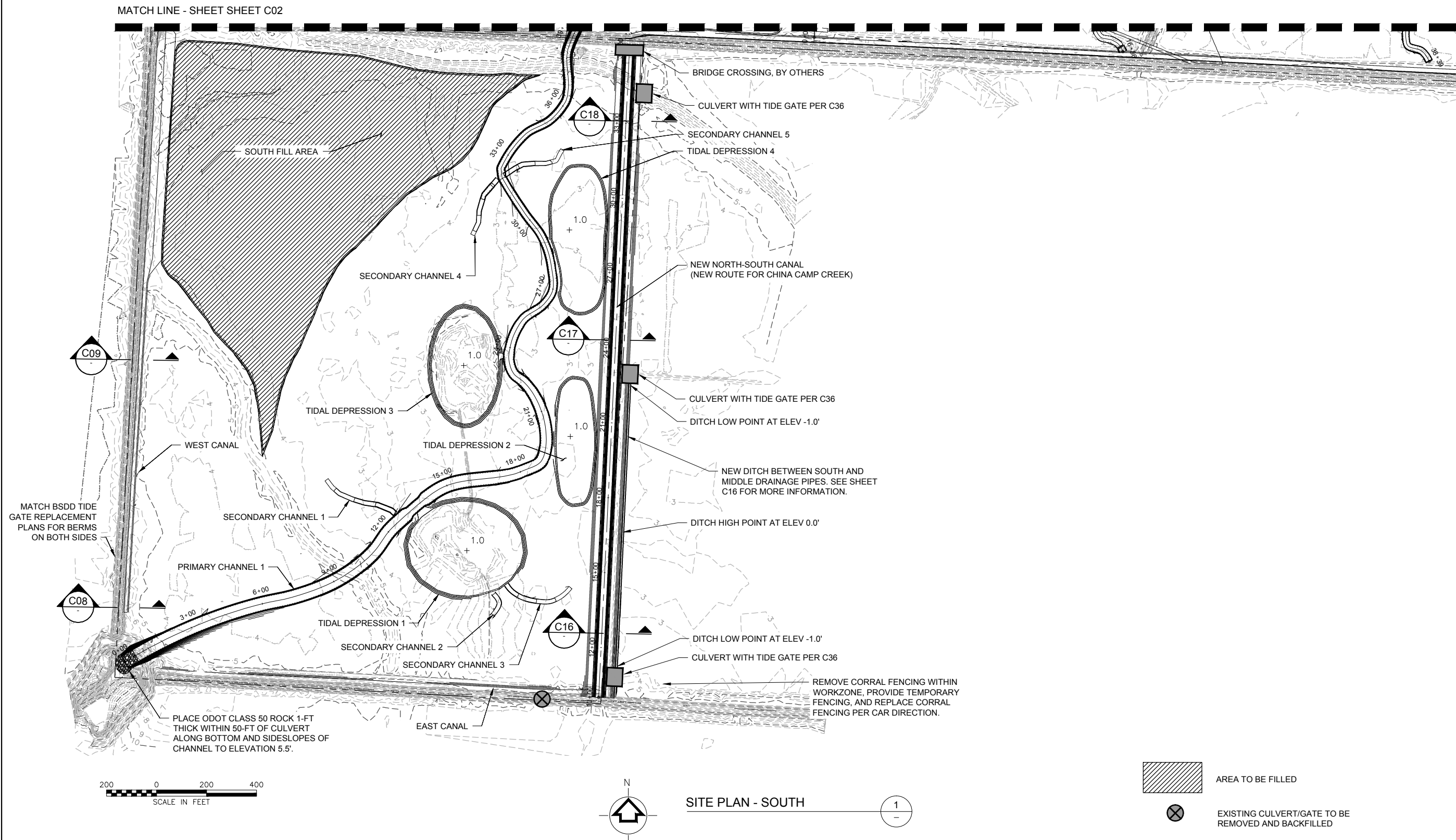
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JAN 2015		JAN 2015		JAN 2015	
DESIGNED	DRAWN	CHECKED	APPROVED		
TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-6388 (F) 503-228-8631					
WINTER LAKE RESTORATION PROJECT					
PLANNED MODIFICATIONS - NORTH					
COQUILLE, OREGON					
 THE NATURE CONSERVANCY 87200 RATHBONE RD. EUGENE, OR 97402					
PROJECT NO. 32071					
FILE NAME:					
DRAWING NO. C02					
SHT NO 04 OF --					

PRELIMINARY - NOT FOR CONSTRUCTION

90% DESIGN



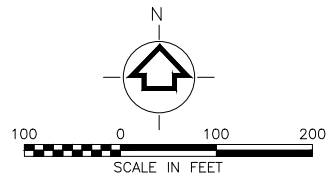
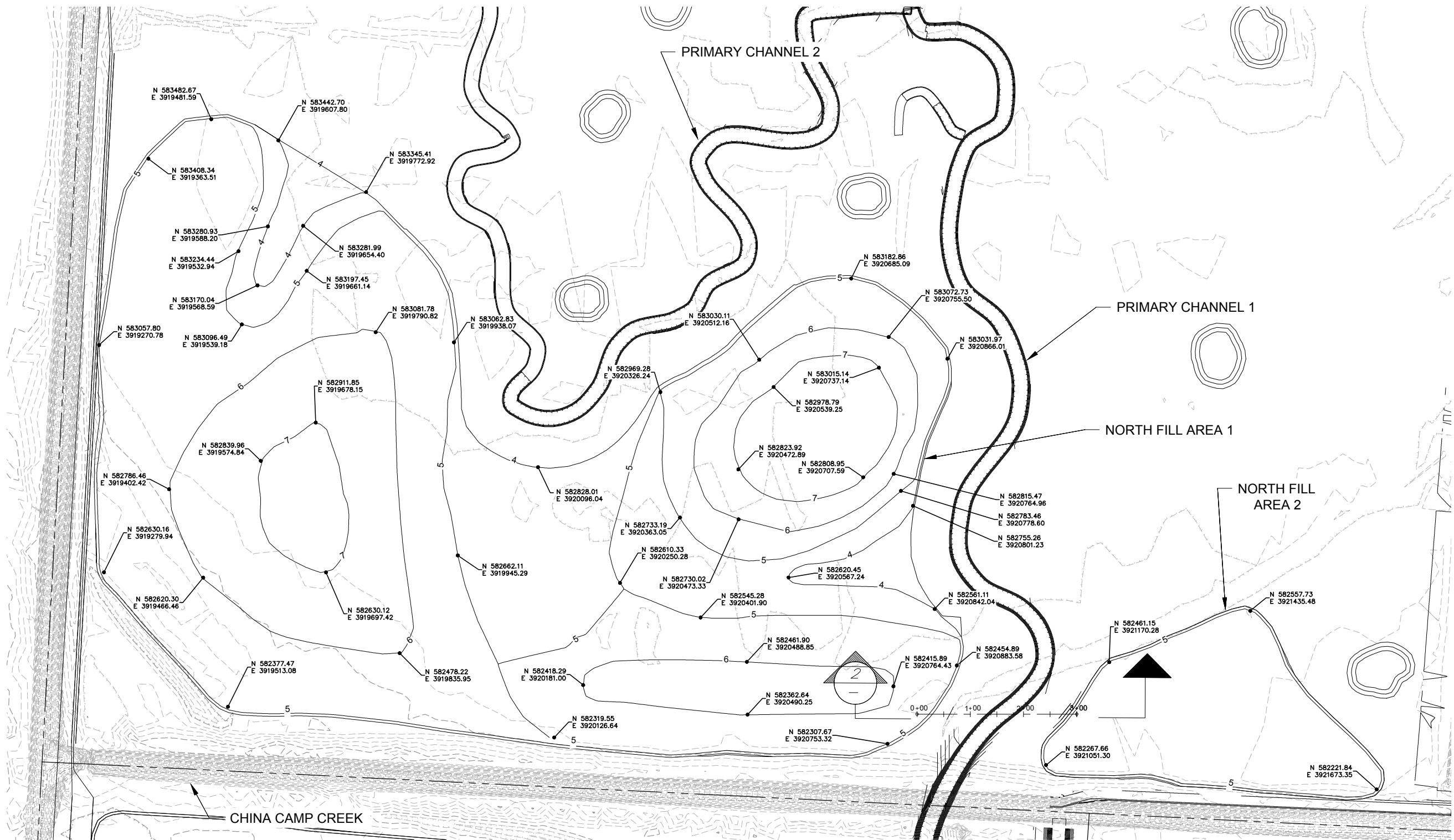
MATCH LINE - SHEET SHEET C02

SITE PLAN - SOUTH

AREA TO BE FILLED

90% DESIGN

P:\Projects\32071 Winter Lake\CAD\SheetFiles\C04.dwg 1/27/2015 RIVERO, MARIA



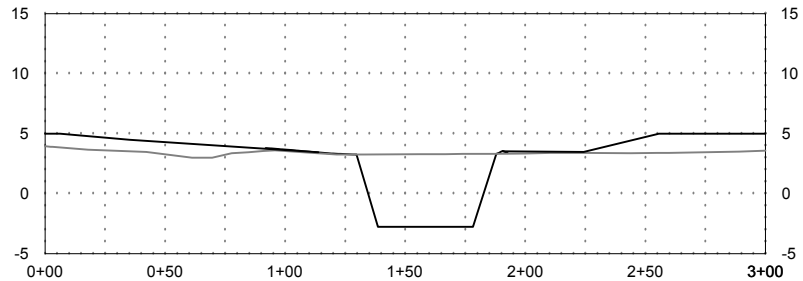
NOTE:

FILL AREA MAY HAVE SOME TOPOGRAPHIC VARIABILITY BETWEEN ELEV 5.0' TO 6.0'.

NORTH FILL AREA LAYOUT

SCALE: 1"=100'

1



SECTION - NORTH FILL AREA

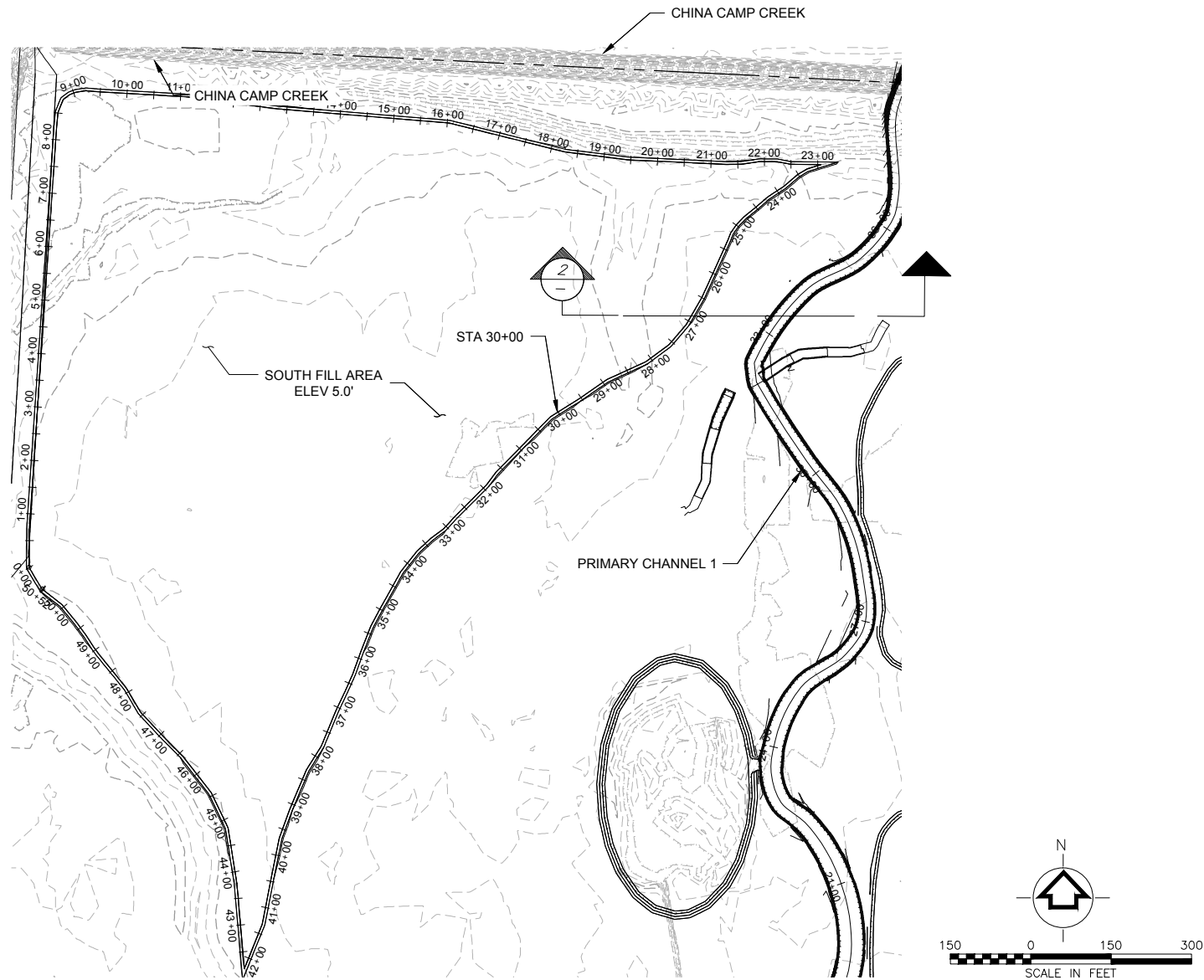
HORZ 1"=40'; VERT 1"=8'

2

90% DESIGN

TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-6388 (F) 503-228-8631		PRELIMINARY - NOT FOR CONSTRUCTION	
WINTER LAKE RESTORATION PROJECT		COQUILLE, OREGON	
NORTH FILL AREA LAYOUT AND COORDINATES			
PROJECT NO. 32071		FILE NAME:	
DRAWING NO. C04		SHT NO 06 OF --	
JAN 2015 DESIGNED		JAN 2015 DRAWN	
JAN 2015 CHECKED		JAN 2015 APPROVED	
MARK		DESCRIPTION	
DATE			

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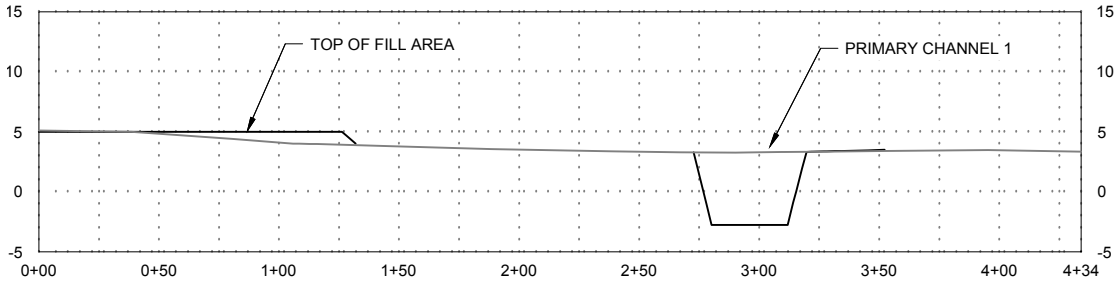


SOUTH FILL/GRAZING
AREA LAYOUT

SCALE: 1"=150'

NOTE:

FILL AREA MAY HAVE SOME TOPOGRAPHIC
VARIABILITY BETWEEN ELEV 5.0' TO 6.0'.



SECTION - SOUTH FILL

HORZ 1"=40'; VERT 1"=8'

SOUTH FILL AREA COORDINATES EDGE TOP OF BERM:

STATION	NORTHING	EASTING	FILL ELEV
0+00.00	581286.94	3919209.09	5.0
0+50.00	581336.94	3919209.34	5.0
1+00.00	581386.88	3919211.12	5.0
1+50.00	581436.77	3919214.50	5.0
2+00.00	581486.66	3919217.88	5.0
2+50.00	581536.54	3919221.26	5.0
3+00.00	581586.43	3919224.64	5.0
3+50.00	581636.31	3919228.03	5.0
4+00.00	581686.20	3919231.41	5.0
4+50.00	581736.08	3919234.79	5.0
5+00.00	581785.97	3919238.17	5.0
5+50.00	581835.85	3919241.55	5.0
6+00.00	581885.74	3919244.93	5.0
6+50.00	581935.62	3919248.32	5.0
7+00.00	581985.51	3919251.70	5.0
7+50.00	582035.40	3919255.08	5.0
8+00.00	582085.28	3919258.46	5.0
8+50.00	582135.10	3919262.66	5.0
9+00.00	582172.13	3919291.94	5.0
9+50.00	582174.39	3919341.36	5.0
10+00.00	582171.54	3919391.28	5.0
10+50.00	582168.70	3919441.20	5.0
11+00.00	582165.85	3919491.11	5.0
11+50.00	582160.07	3919540.76	5.0
12+00.00	582153.52	3919590.33	5.0
12+50.00	582146.97	3919639.90	5.0
13+00.00	582141.29	3919689.56	5.0
13+50.00	582137.15	3919739.39	5.0
14+00.00	582133.01	3919789.21	5.0
14+50.00	582128.88	3919839.04	5.0
15+00.00	582124.74	3919888.87	5.0
15+50.00	582120.60	3919938.70	5.0
16+00.00	582116.46	3919988.53	5.0
16+50.00	582105.00	3920037.15	5.0
17+00.00	582092.88	3920085.65	5.0
17+50.00	582080.76	3920134.16	5.0
18+00.00	582068.64	3920182.67	5.0
18+50.00	582059.39	3920231.72	5.0
19+00.00	582053.20	3920281.33	5.0
19+50.00	582047.38	3920330.98	5.0
20+00.00	582045.04	3920380.92	5.0
20+50.00	582042.69	3920430.87	5.0
21+00.00	582040.35	3920480.81	5.0
21+50.00	582039.29	3920530.78	5.0
22+00.00	582044.24	3920580.41	5.0
22+50.00	582039.19	3920629.97	5.0
23+00.00	582038.67	3920679.96	5.0
23+50.00	582020.79	3920643.15	5.0
24+00.00	581990.00	3920603.89	5.0
24+50.00	581959.54	3920564.38	5.0
25+00.00	581926.01	3920527.45	5.0

25+50.00	581881.72	3920504.78	5.0
26+00.00	581836.16	3920484.19	5.0
26+50.00	581790.72	3920463.34	5.0
27+00.00	581747.41	3920438.34	5.0
27+50.00	581708.53	3920407.07	5.0
28+00.00	581677.64	3920367.96	5.0
28+50.00	581654.83	3920323.67	5.0
29+00.00	581632.58	3920279.02	5.0
29+50.00	581604.13	3920237.90	5.0
30+00.00	581577.37	3920195.67	5.0
30+50.00	581544.84	3920158.11	5.0
31+00.00	581509.15	3920123.09	5.0
31+50.00	581473.46	3920088.06	5.0
32+00.00	581435.30	3920055.94	5.0
32+50.00	581399.95	3920020.57	5.0
33+00.00	581363.85	3919986.00	5.0
33+50.00	581331.87	3919947.71	5.0
34+00.00	581294.89	3919914.28	5.0
34+50.00	581253.01	3919887.26	5.0
35+00.00	581209.38	3919862.84	5.0
35+50.00	581164.54	3919840.85	5.0
36+00.00	581117.86	3919822.95	5.0
36+50.00	581071.31	3919804.75	5.0
37+00.00	581025.94	3919783.75	5.0
37+50.00	580979.85	3919764.39	5.0
38+00.00	580935.29	3919742.10	5.0
38+50.00	580891.48	3919718.31	5.0
39+00.00	580845.41	3919698.89	5.0
39+50.00	580798.65	3919681.22	5.0
40+00.00	580750.35	3919668.77	5.0
40+50.00	580701.34	3919658.90	5.0
41+00.00	580652.25	3919649.40	5.0
41+50.00	580604.18	3919636.45	5.0
42+00.00	580557.84	3919617.68	5.0
42+50.00	580509.70	3919607.61	5.0
43+00.00	580619.51	3919603.21	5.0
43+50.00	580669.32	3919598.82	5.0
44+00.00	580718.94	3919592.93	5.0
44+50.00	580768.32	3919585.12	5.0
45+00.00	580816.25	3919572.62	5.0
45+50.00	580861.38	3919551.08	5.0
46+00.00	580901.46	3919521.40	5.0
46+50.00	580940.29	3919489.97	5.0
47+00.00	580976.04	3919455.01	5.0
47+50.00	581012.53	3919420.83	5.0
48+00.00	581054.86	3919394.45	5.0
48+50.00	581094.41	3919363.97	5.0
49+00.00	581133.58	3919332.91	5.0
49+50.00	581174.71	3919304.52	5.0
50+00.00	581213.77	3919273.32	5.0
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50+51.68	581246.57	3919233.53	5.0

PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C05

SHT
NO 07 OF --

DESIGNED
JAN 2015

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MAR 2015

CHECKED
JAN 2015

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DATE

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DESCRIPTION

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TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-6388
(F) 503-228-8631

WINTER LAKE RESTORATION PROJECT

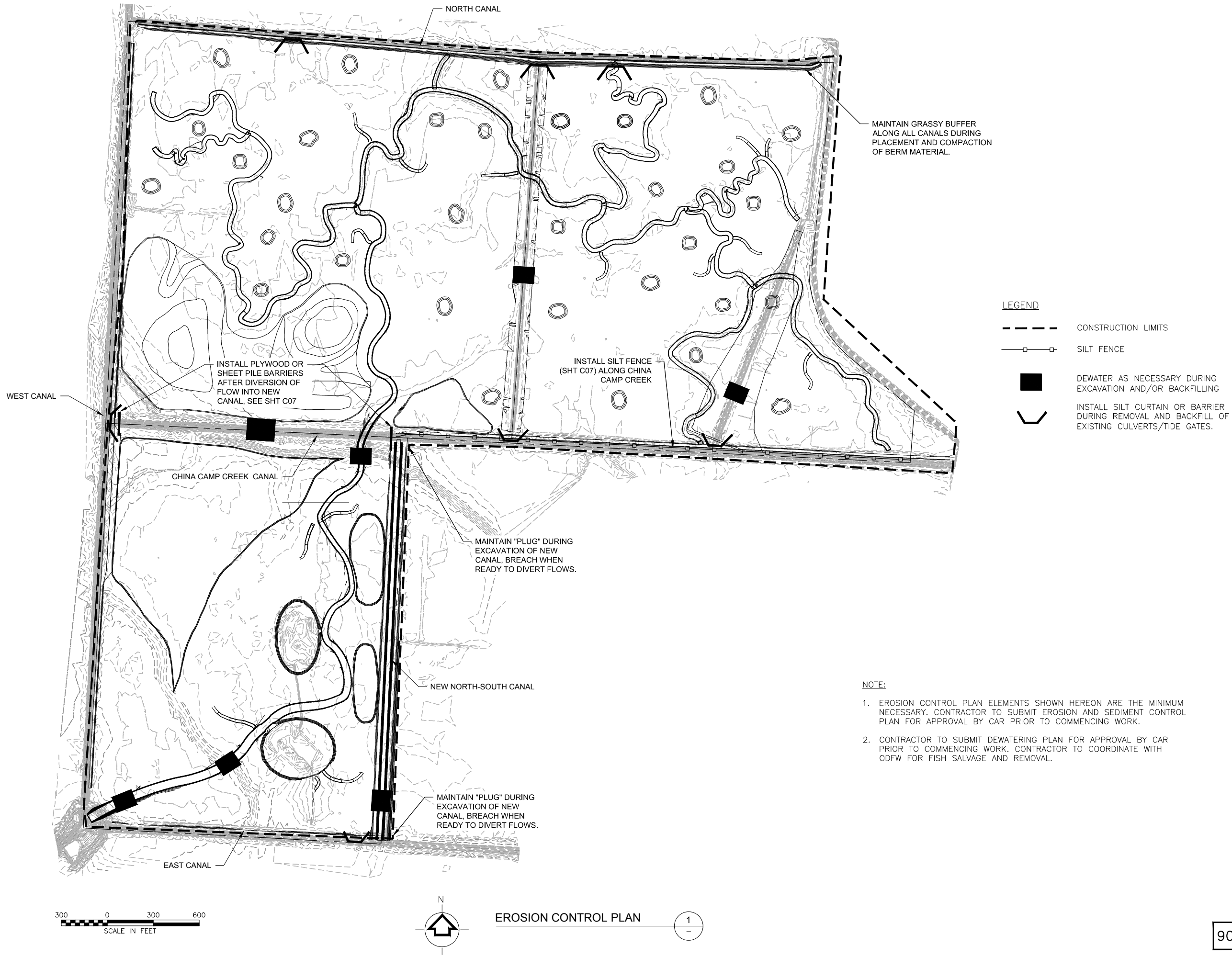
SOUTH FILL AREA LAYOUT
AND COORDINATES

COQUILLE, OREGON

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P:\Projects\32071 Winter Lake\CAD\SheetFiles\C06.dwg 1/28/2015 RIVERO, MARIA



- NOTE:
1. EROSION CONTROL PLAN ELEMENTS SHOWN HEREON ARE THE MINIMUM NECESSARY. CONTRACTOR TO SUBMIT EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL BY CAR PRIOR TO COMMENCING WORK.
 2. CONTRACTOR TO SUBMIT DEWATERING PLAN FOR APPROVAL BY CAR PRIOR TO COMMENCING WORK. CONTRACTOR TO COORDINATE WITH ODFW FOR FISH SALVAGE AND REMOVAL.

- LEGEND
- CONSTRUCTION LIMITS
 - SILT FENCE
 - DEWATER AS NECESSARY DURING EXCAVATION AND/OR BACKFILLING
 - ∨ INSTALL SILT CURTAIN OR BARRIER DURING REMOVAL AND BACKFILL OF EXISTING CULVERTS/TIDE GATES.

PROJECT NO. 32071		WINTER LAKE RESTORATION PROJECT		TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		TB/MM DESIGNED JAN 2015			
FILE NAME:		EROSION CONTROL PLAN				MAR DRAWN JAN 2015			
DRAWING NO. C06		 THE NATURE CONSERVANCY 87200 RATHBONE RD. EUGENE, OR 97402		COQUILLE, OREGON		WTF CHECKED JAN 2015			
SHT NO 08 OF --						APPROVED	MARK	DESCRIPTION	DATE

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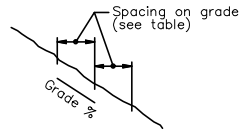
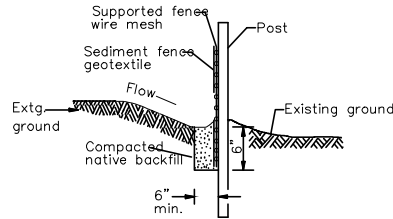
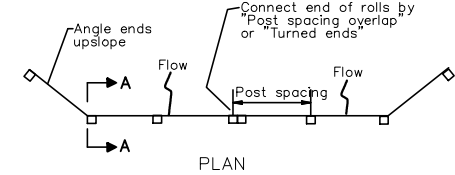
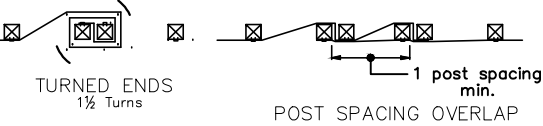
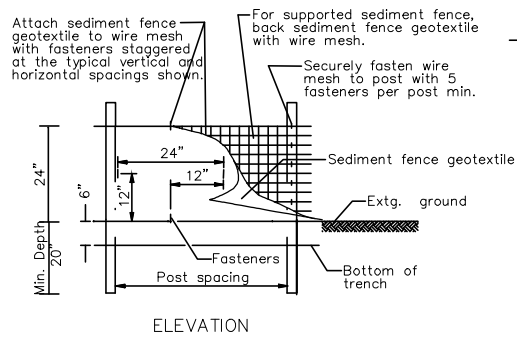


TABLE 1 FENCE SPACING FOR GENERAL APPLICATION	
INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS	
GRADE	MAX SPACING ON GRADE
Grade $\leq$ 10%	300'
10% Δ Grade $\leq$ 15%	150'
15% Δ Grade $\leq$ 20%	100'
20% Δ Grade $\leq$ 30%	50'
30% Grade Δ	25'

TABLE 2 POST SPACING	
4'	Supported Sediment Fence
6'	Unsupported Sediment Fence with Geotextile elongation *less than 50%
4'	Unsupported Sediment Fence with Geotextile elongation *more than 50%

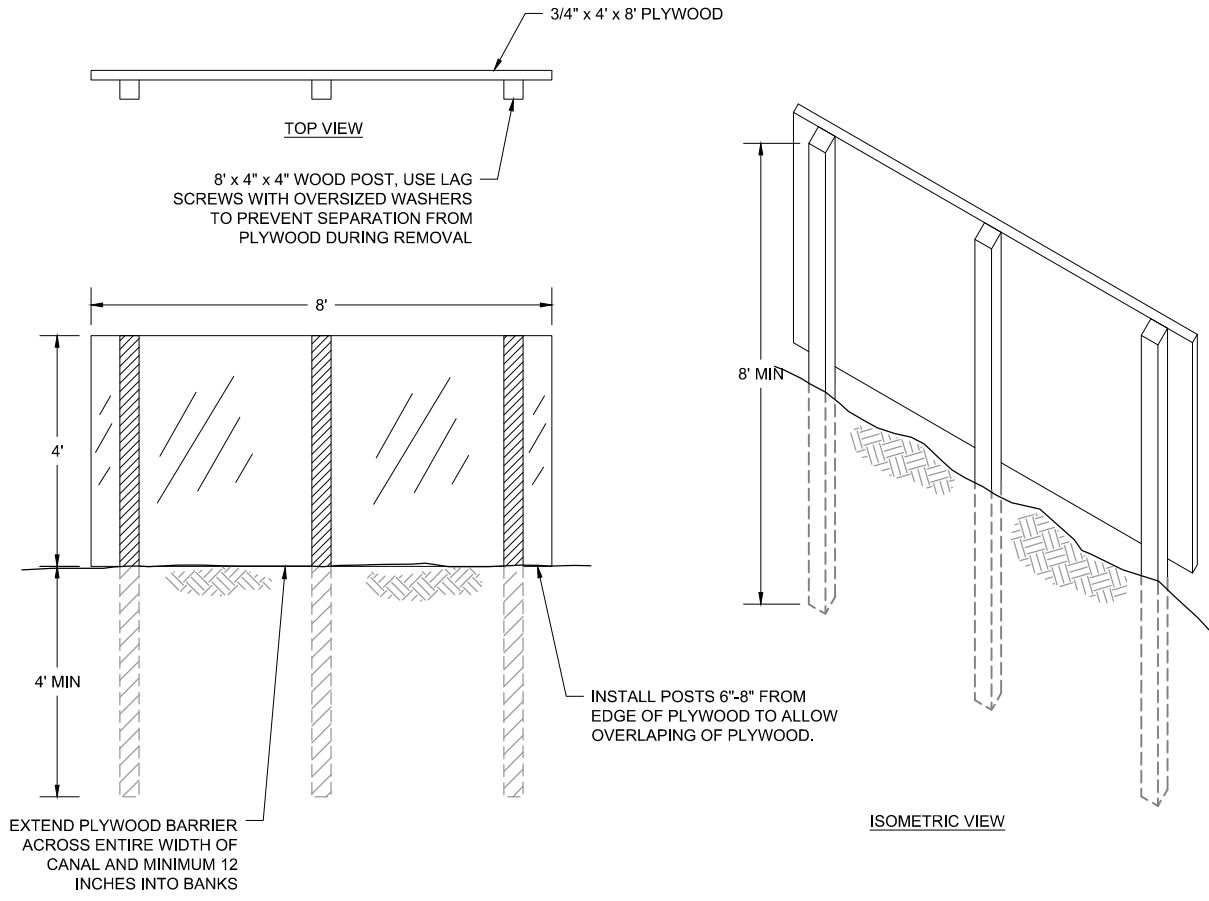
* Geotextile grab elongation value as documented by "Level B" manufacturer's documentation (See Standard Specifications).



GEOTEXTILE END CONNECTIONS

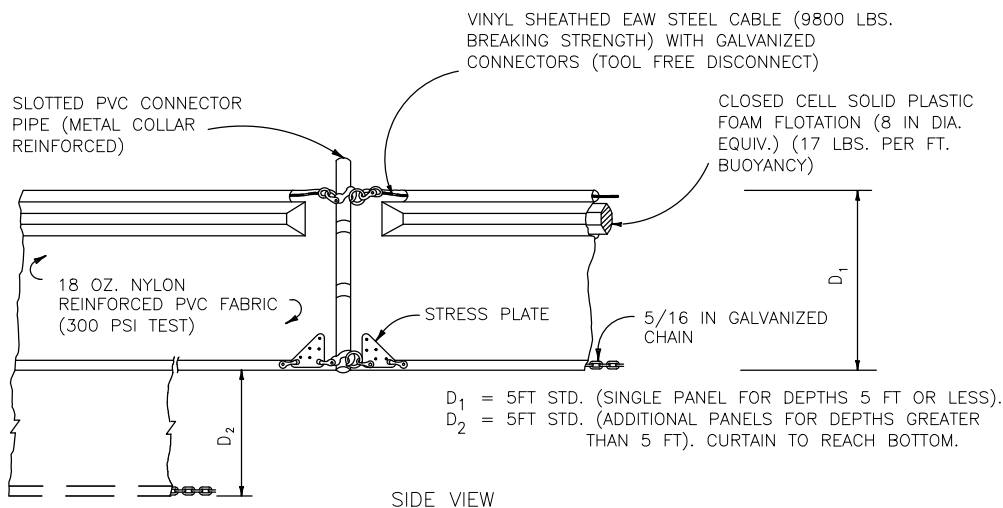
ODOT DETAIL RD1040
SEDIMENT FENCE

1



PLYWOOD BARRIER

2



D₁ = 5FT STD. (SINGLE PANEL FOR DEPTHS 5 FT OR LESS).
D₂ = 5FT STD. (ADDITIONAL PANELS FOR DEPTHS GREATER THAN 5 FT). CURTAIN TO REACH BOTTOM.

SIDE VIEW

SILT CURTAIN DETAIL

NTS

PLAN VIEW

- NOTES:
1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH.
 2. NUMBER AND SPACING OF ANCHORS DEPENDENT ON CURRENT VELOCITIES.
 3. DEPLOYMENT OF BARRIER AROUND LOCATIONS MAY VARY TO ACCOMMODATE CONSTRUCTION OPERATIONS.
 4. NAVIGATION MAY REQUIRE SEGMENTING BARRIER DURING CONSTRUCTION OPERATIONS.
 5. SILT CURTAIN TO BE STABLE AND SECURELY TIED DOWN TO WITHSTAND TIDAL CURRENTS, TIDAL ELEVATIONS, AND WAVE ACTION.

3

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WINTER LAKE RESTORATION PROJECT

EROSION CONTROL DETAILS

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EUGENE, OR 97402

PROJECT NO.

32071

FILE NAME:

DRAWING NO.

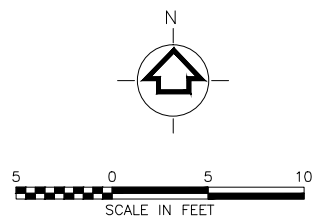
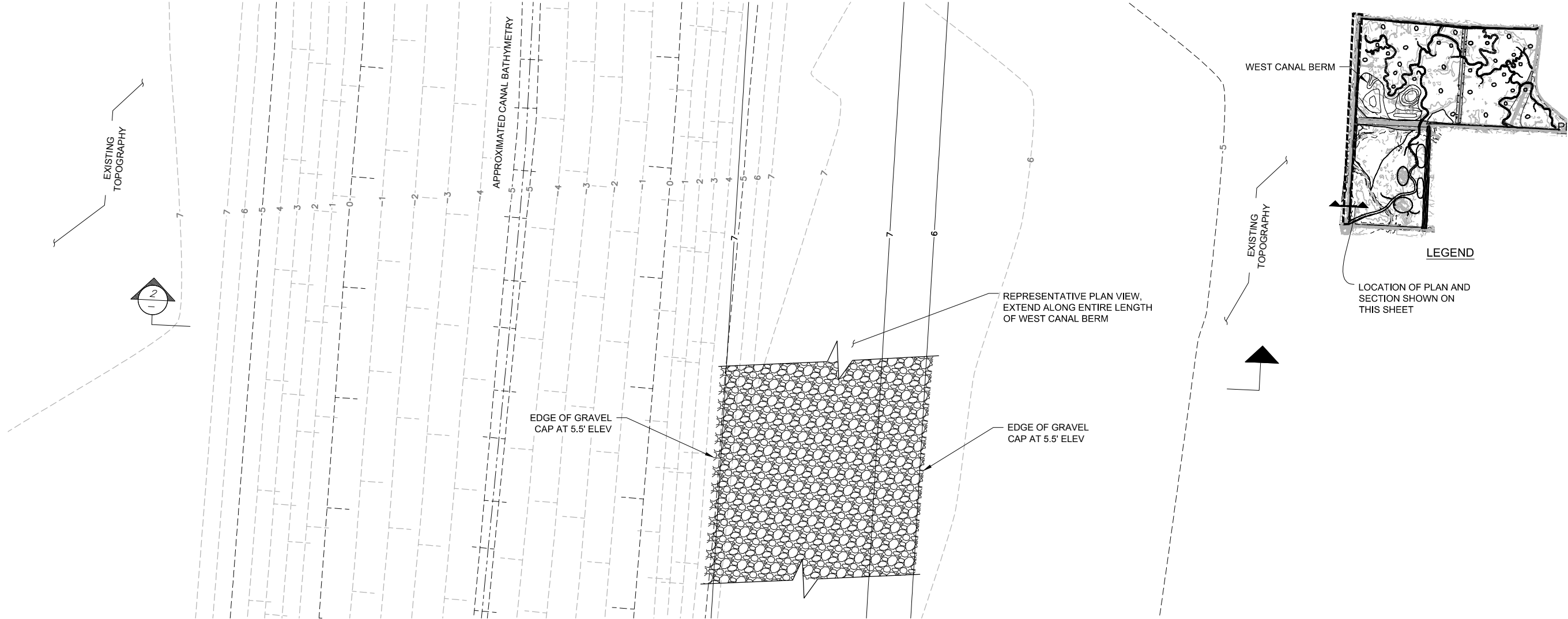
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SHT NO

09

OF

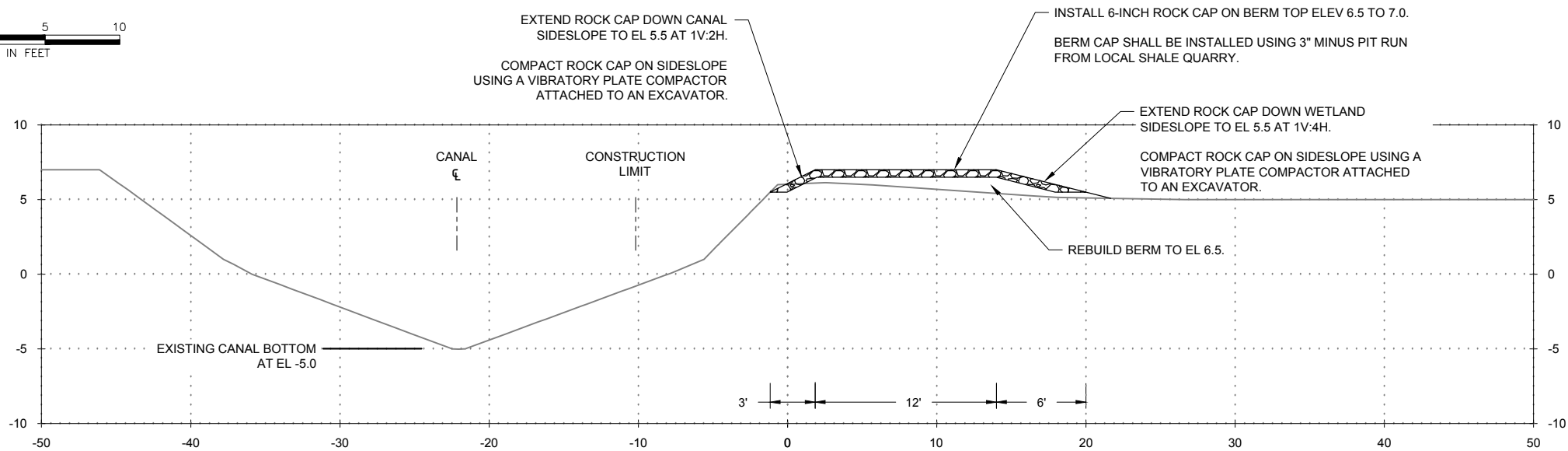
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PLAN - WEST CANAL BERM 1

SCALE: 1"=5'

1
C03



SECTION - WEST CANAL BERM 1

HORZ 1"=5'; VERT 1"=5'

2
C03

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JAN 2015		JAN 2015		JAN 2015		JAN 2015		JAN 2015		JAN 2015	
TETRA TECH, INC.		TETRA TECH, INC.		TETRA TECH, INC.		TETRA TECH, INC.		TETRA TECH, INC.		TETRA TECH, INC.	
1020 SW Taylor Street		1020 SW Taylor Street		1020 SW Taylor Street		1020 SW Taylor Street		1020 SW Taylor Street		1020 SW Taylor Street	
Suite 530		Suite 530		Suite 530		Suite 530		Suite 530		Suite 530	
Portland, OR 97205		Portland, OR 97205		Portland, OR 97205		Portland, OR 97205		Portland, OR 97205		Portland, OR 97205	
(P) 503-223-5388		(P) 503-223-5388		(P) 503-223-5388		(P) 503-223-5388		(P) 503-223-5388		(P) 503-223-5388	
(F) 503-228-8631		(F) 503-228-8631		(F) 503-228-8631		(F) 503-228-8631		(F) 503-228-8631		(F) 503-228-8631	

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WINTER LAKE RESTORATION PROJECT

WEST CANAL BERM 1

COQUILLE, OREGON

PROJECT NO. 32071

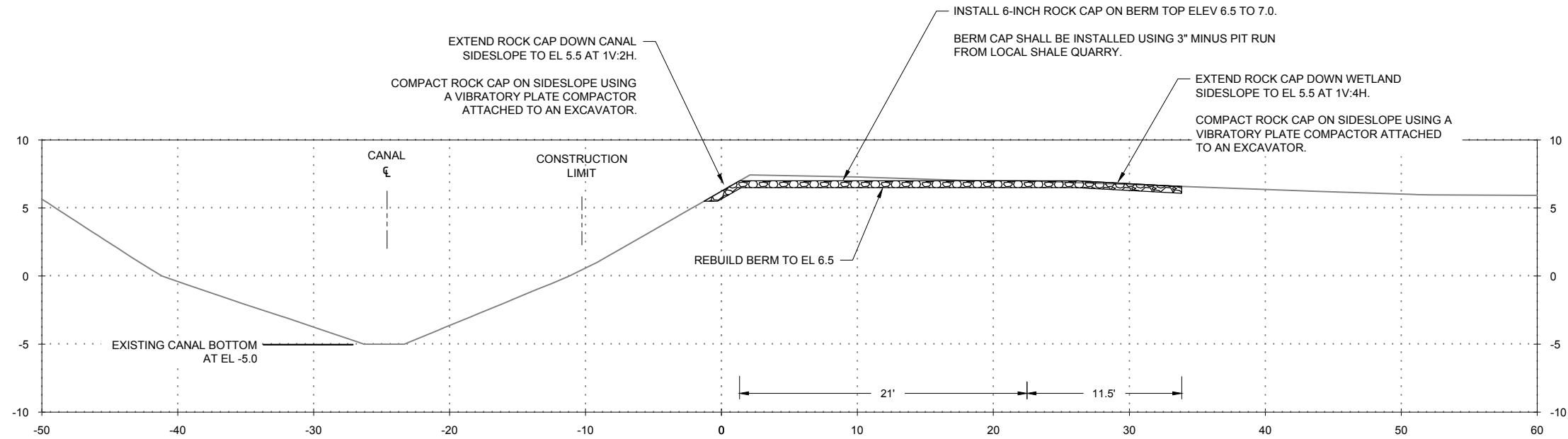
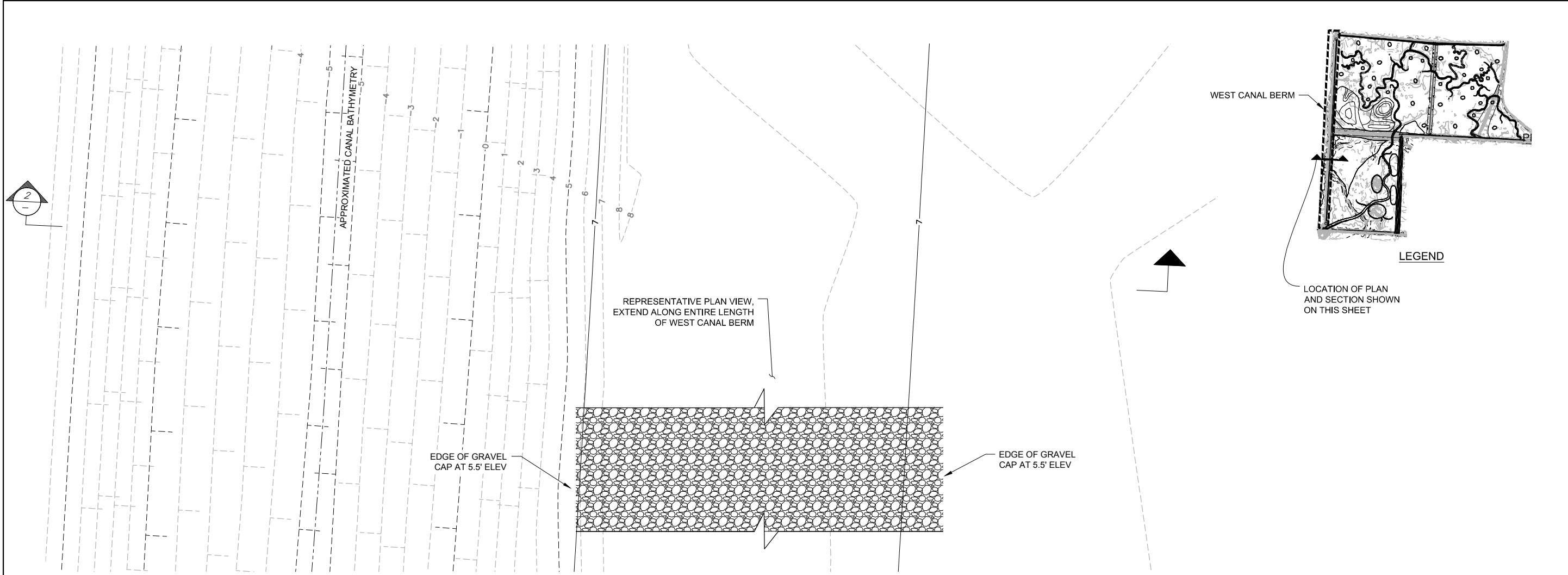
FILE NAME:

DRAWING NO. C08

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WINTER LAKE RESTORATION PROJECT

WEST CANAL BERM 2

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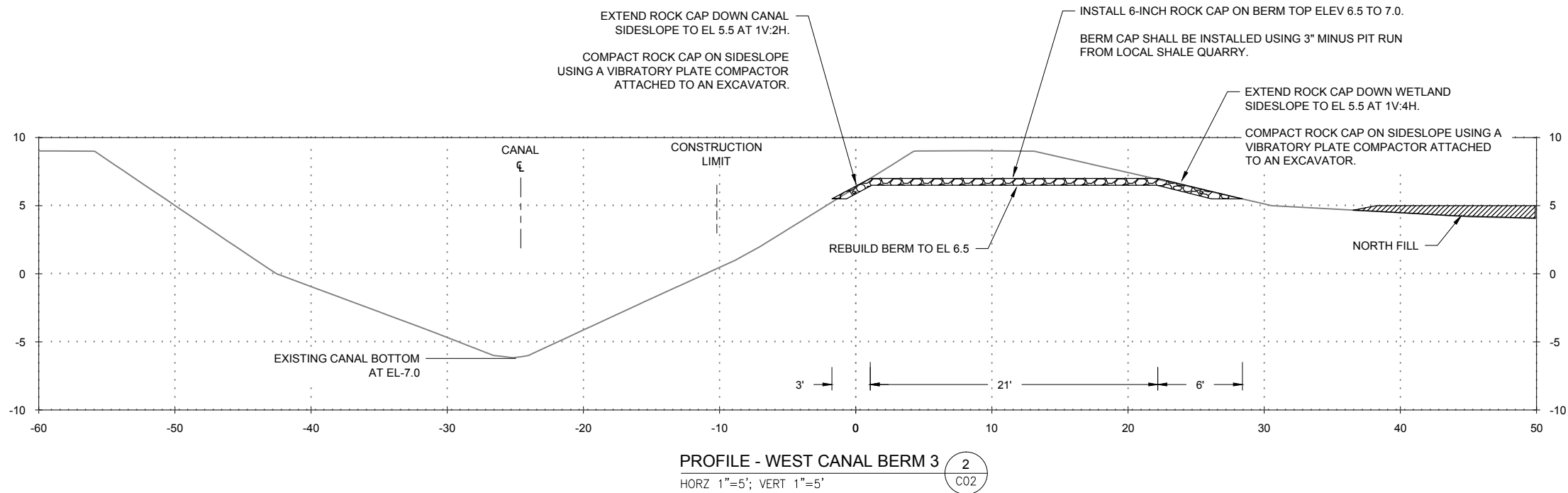
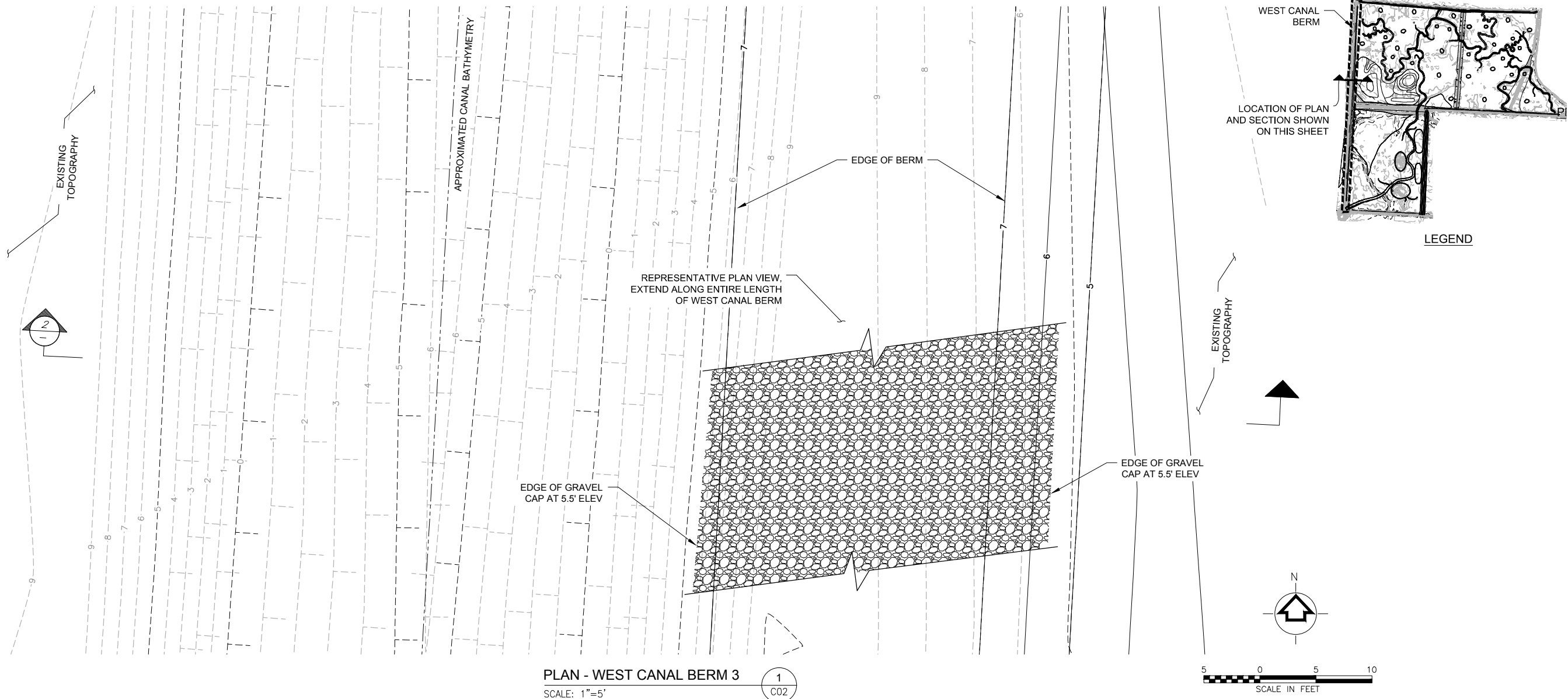
PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C09

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WINTER LAKE RESTORATION PROJECT

WEST CANAL BERM 3

COQUILLE, OREGON

PROJECT NO. 32071

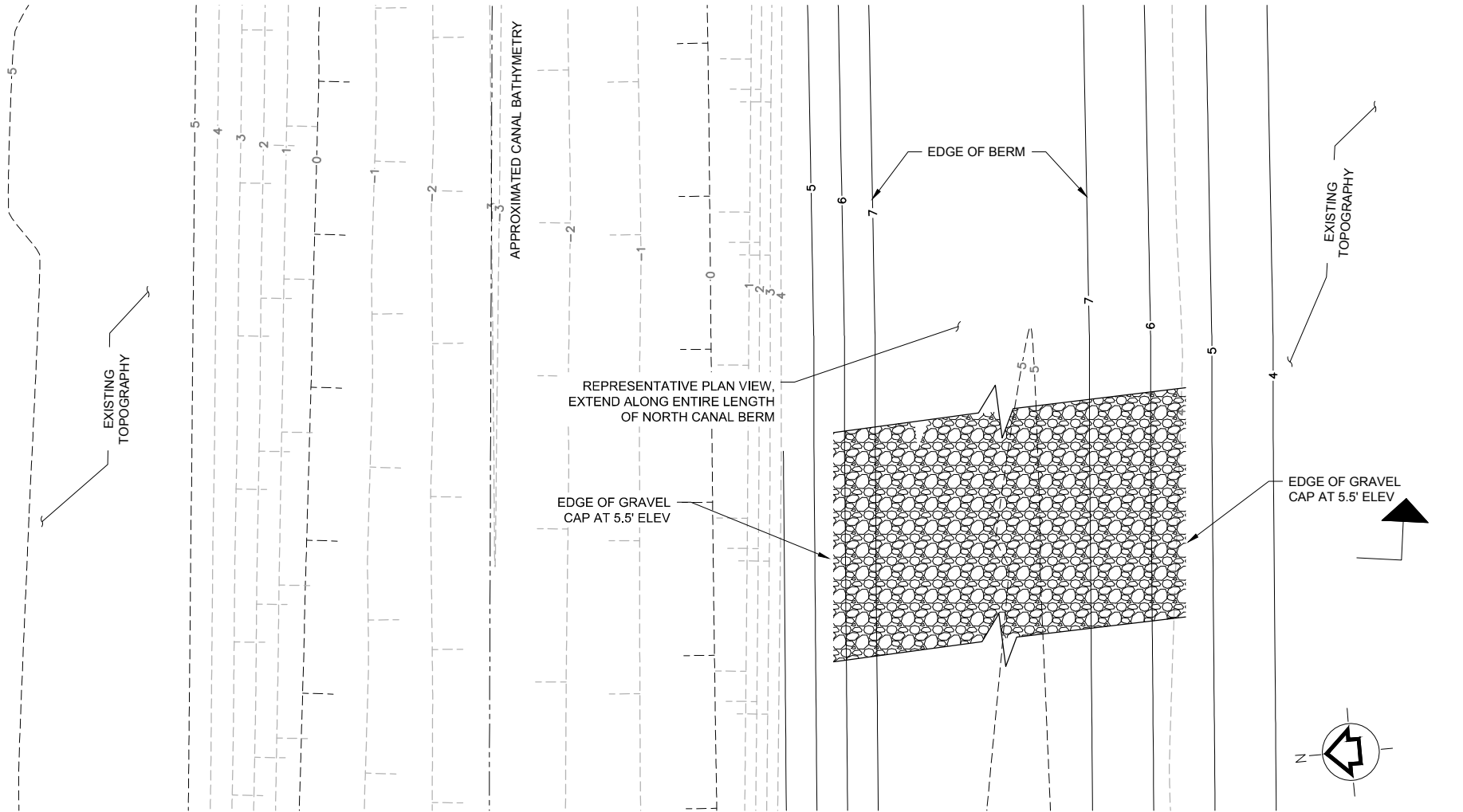
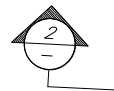
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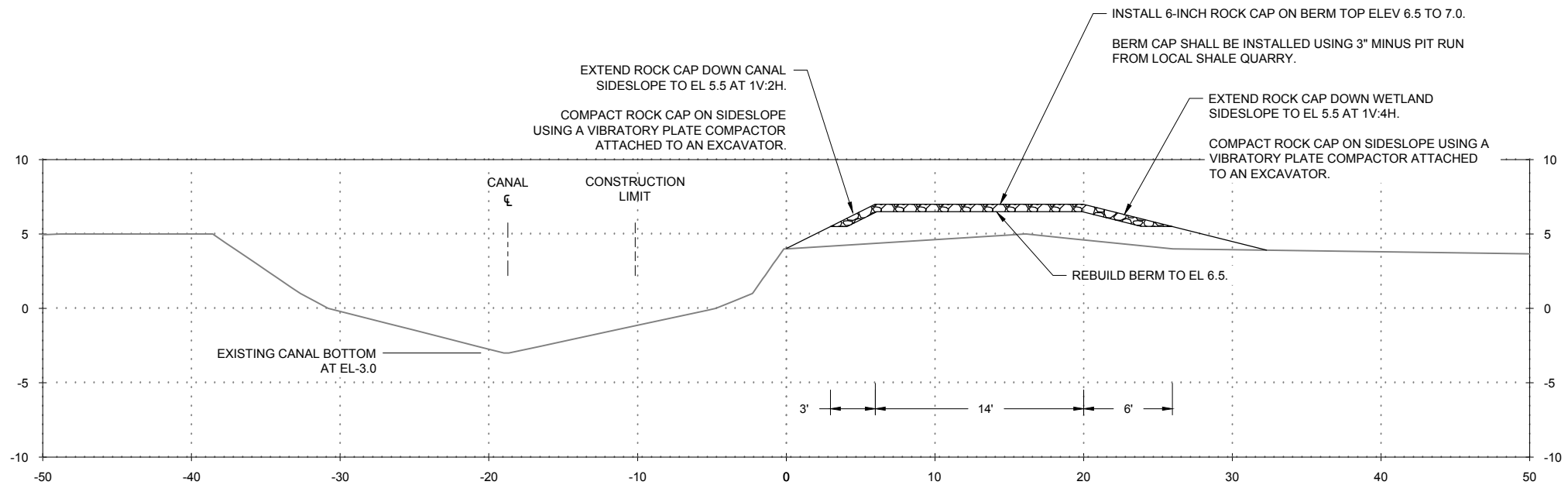
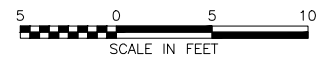
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PLAN - NORTH CANAL BERM 1
SCALE: 1"=5'

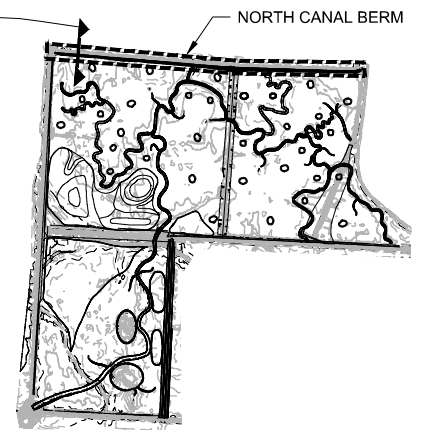
1
C02



SECTION - NORTH CANAL BERM 1
HORZ 1"=5'; VERT 1"=5'

2
C02

LOCATION OF PLAN
AND SECTION SHOW
ON THIS SHEET



LEGEND

TS/MM	DESIGNED	MAR	DRAWN	WTF	CHECKED	APPROVED	MARK	DESCRIPTION	DATE
	JAN 2015		JAN 2015		JAN 2015				

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WINTER LAKE RESTORATION PROJECT

NORTH CANAL BERM 1

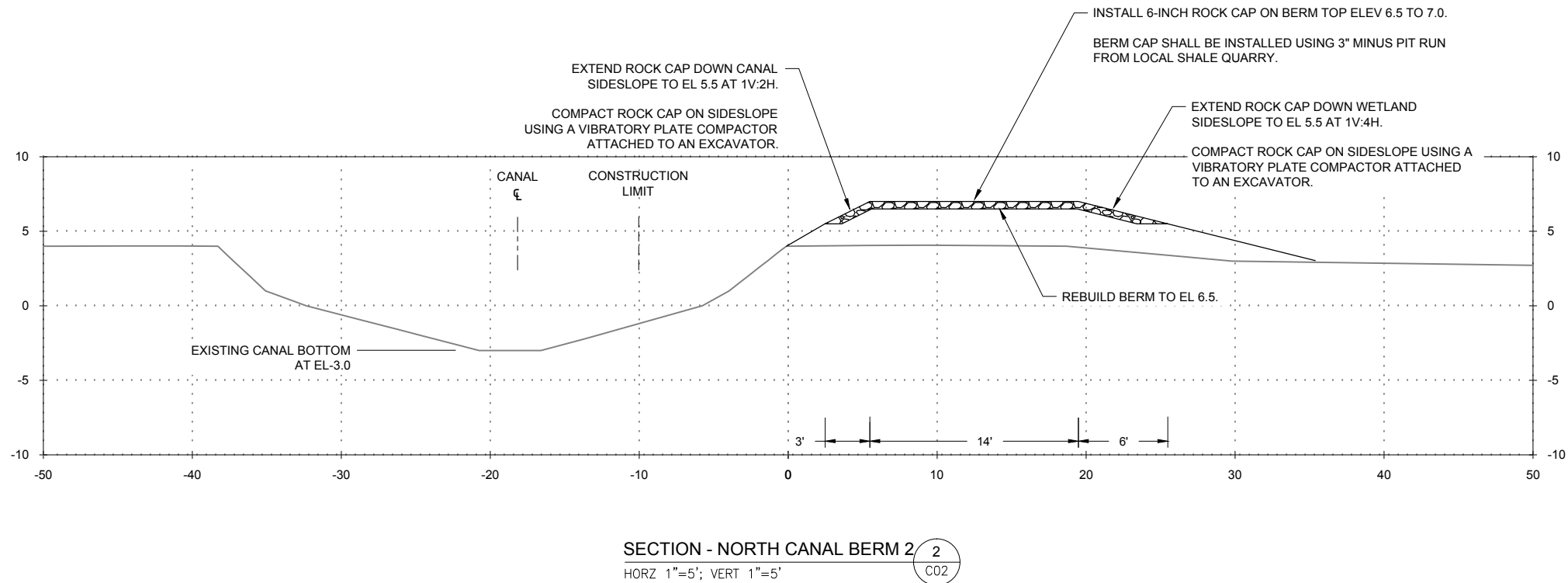
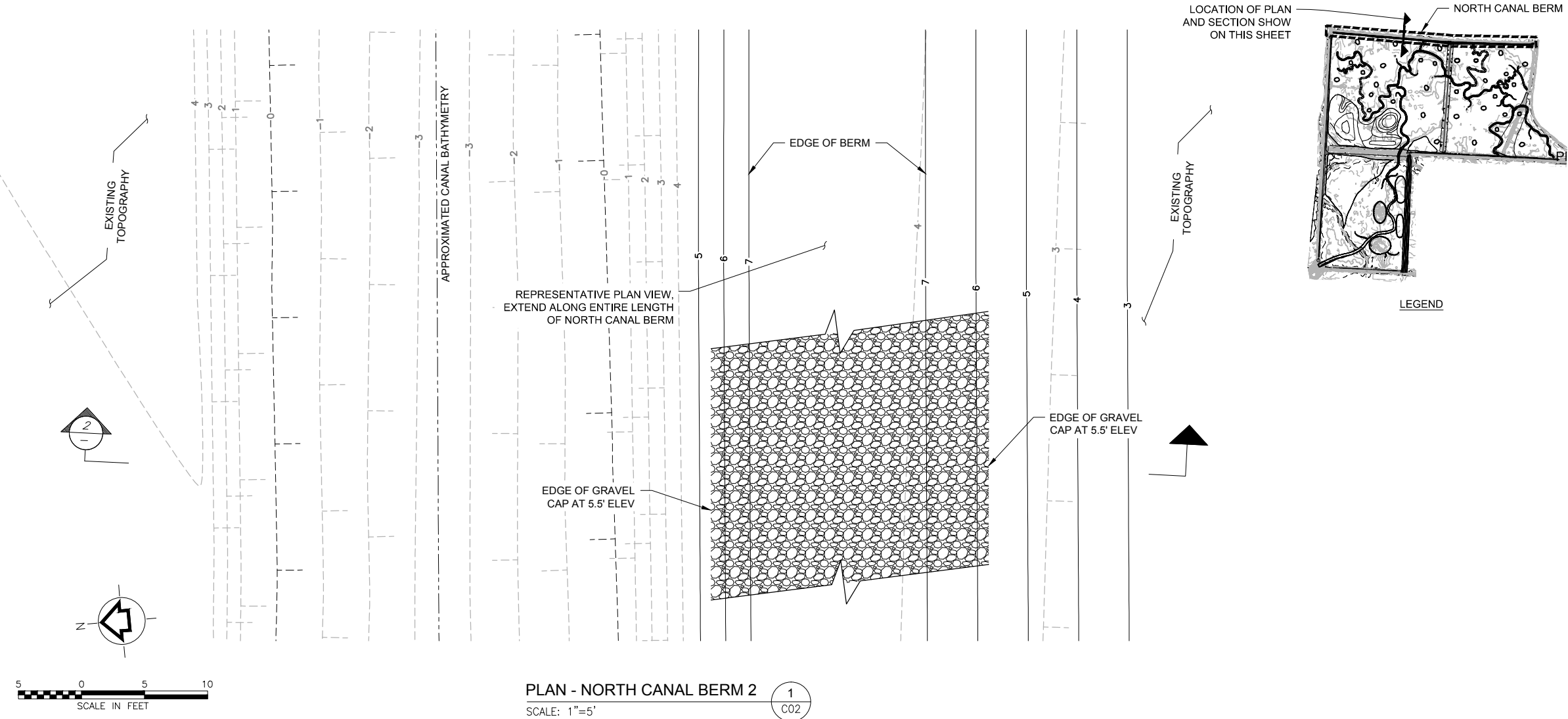
COQUILLE, OREGON



PROJECT NO.	32071
FILE NAME:	
DRAWING NO.	C12
SHT NO	14 OF --

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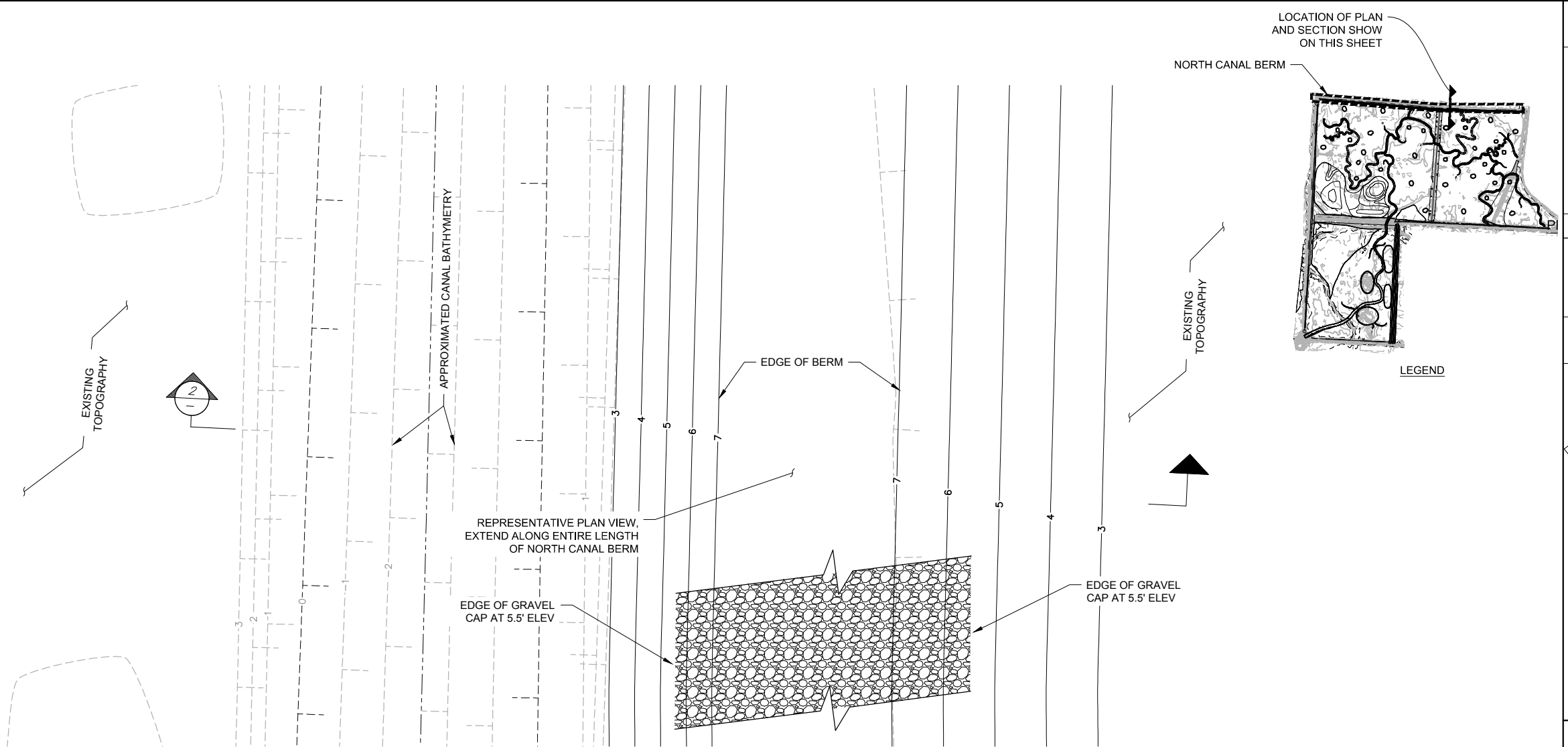
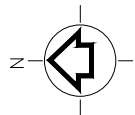
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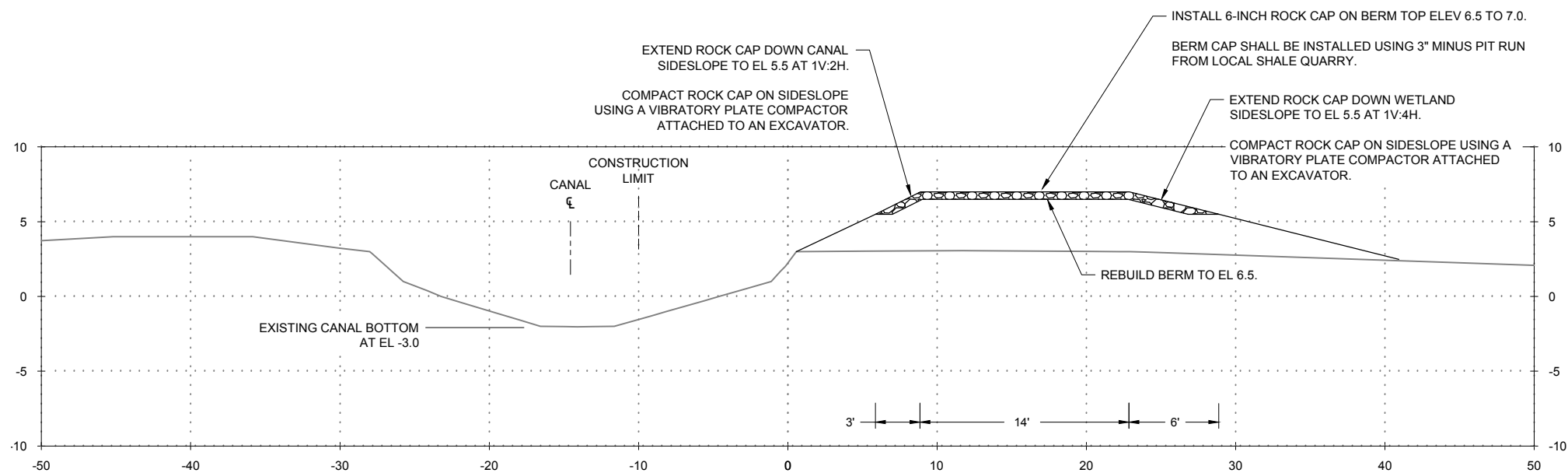
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TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		COQUILLE, OREGON	
PROJECT NO. 32071		DRAWING NO. C13	
FILE NAME:		SHT NO 15 OF --	
DATE		MARK DESCRIPTION	
JAN 2015	JAN 2015	JAN 2015	JAN 2015
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PRELIMINARY - NOT FOR CONSTRUCTION			
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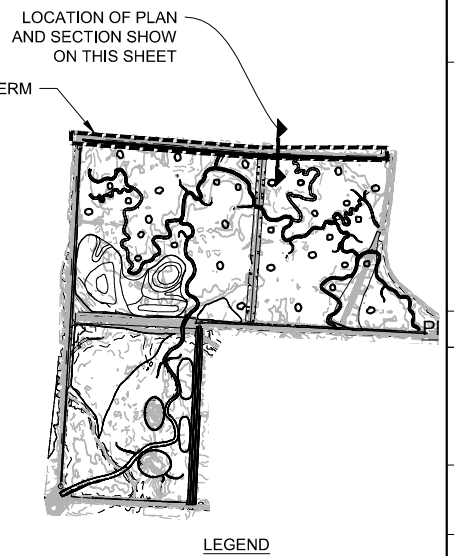
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PLAN - NORTH CANAL BERM 3
SCALE: 1"=5'



SECTION - NORTH CANAL BERM 3
HORZ 1"=5'; VERT 1"=5'



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PROJECT NO. 32071		DRAWING NO. C14	
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MARK		DATE	

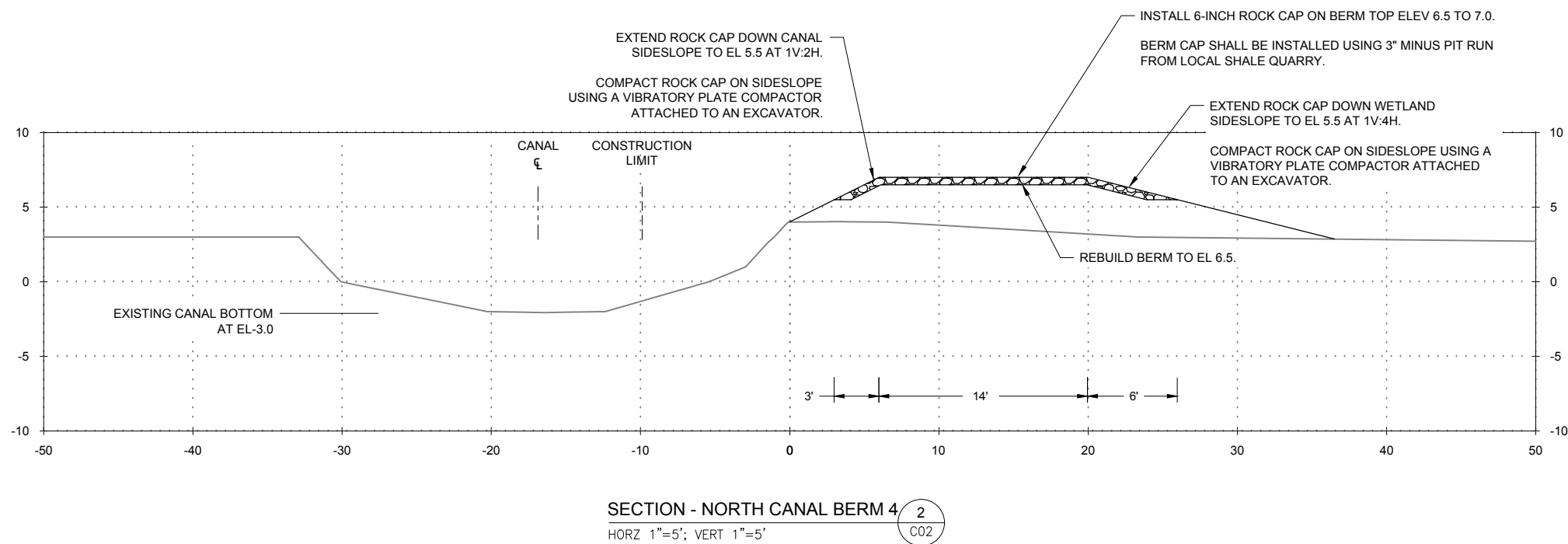
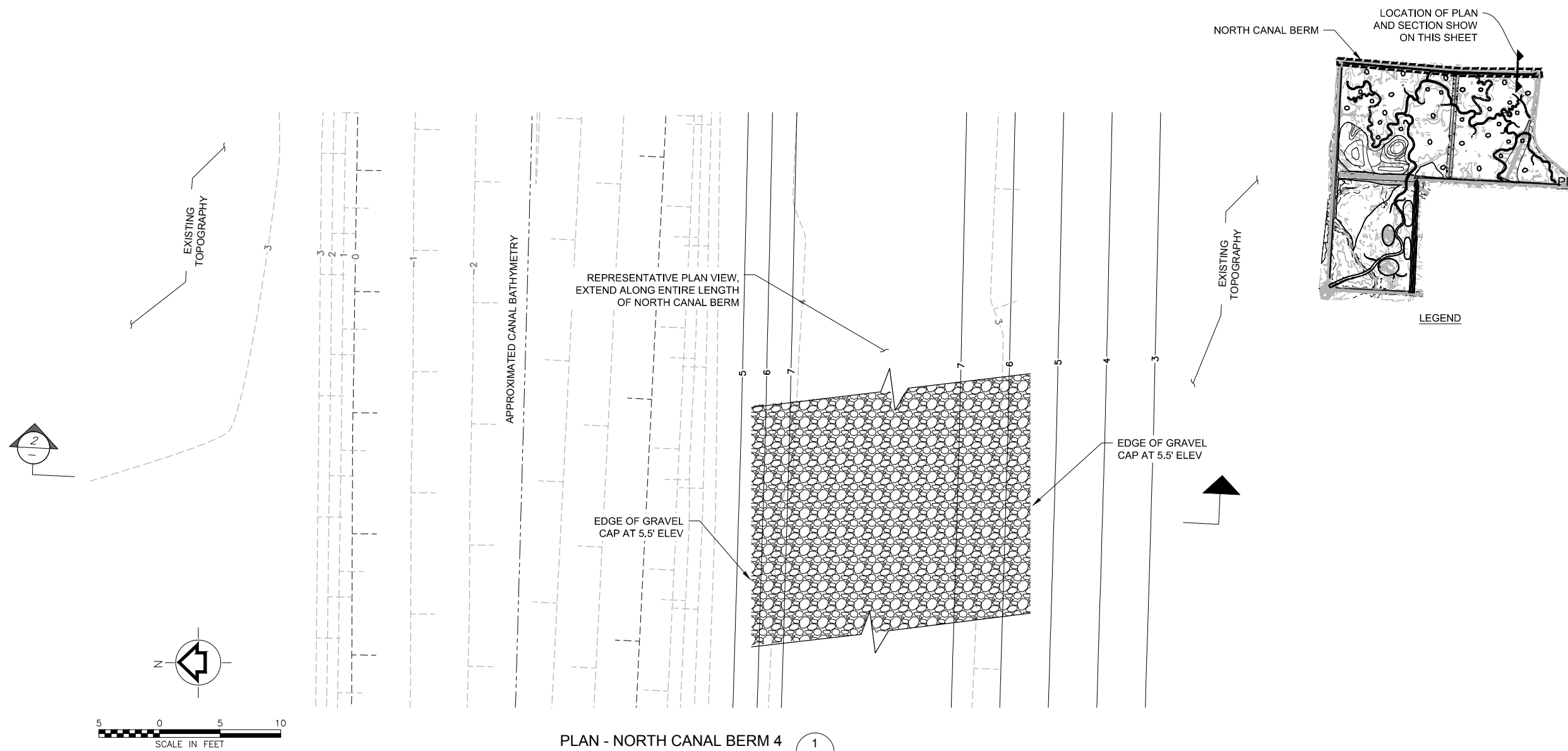
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NORTH CANAL BERM 3

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WINTER LAKE RESTORATION PROJECT

NORTH CANAL BERM 4

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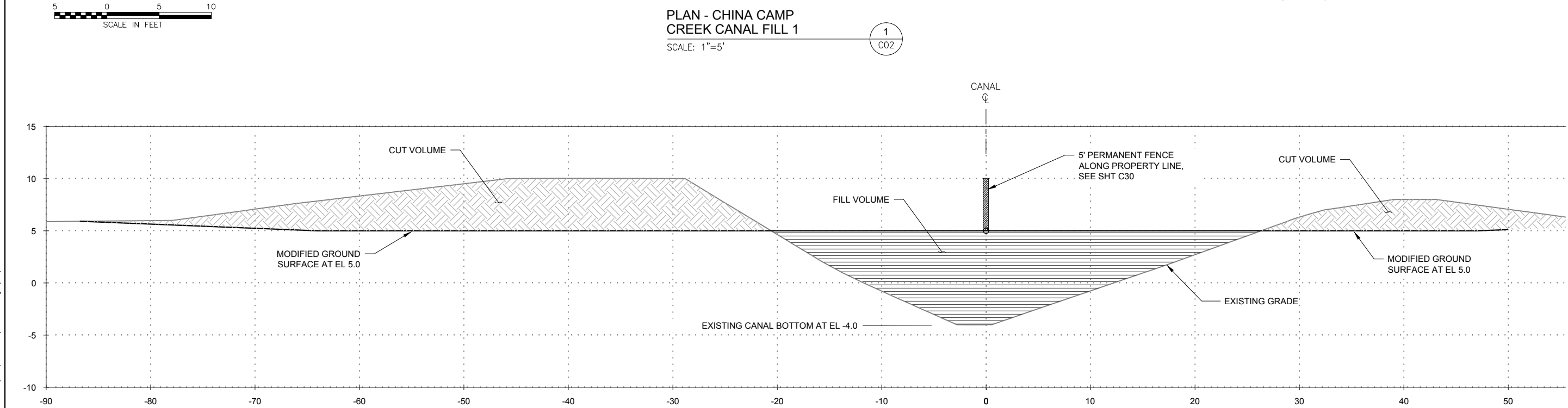
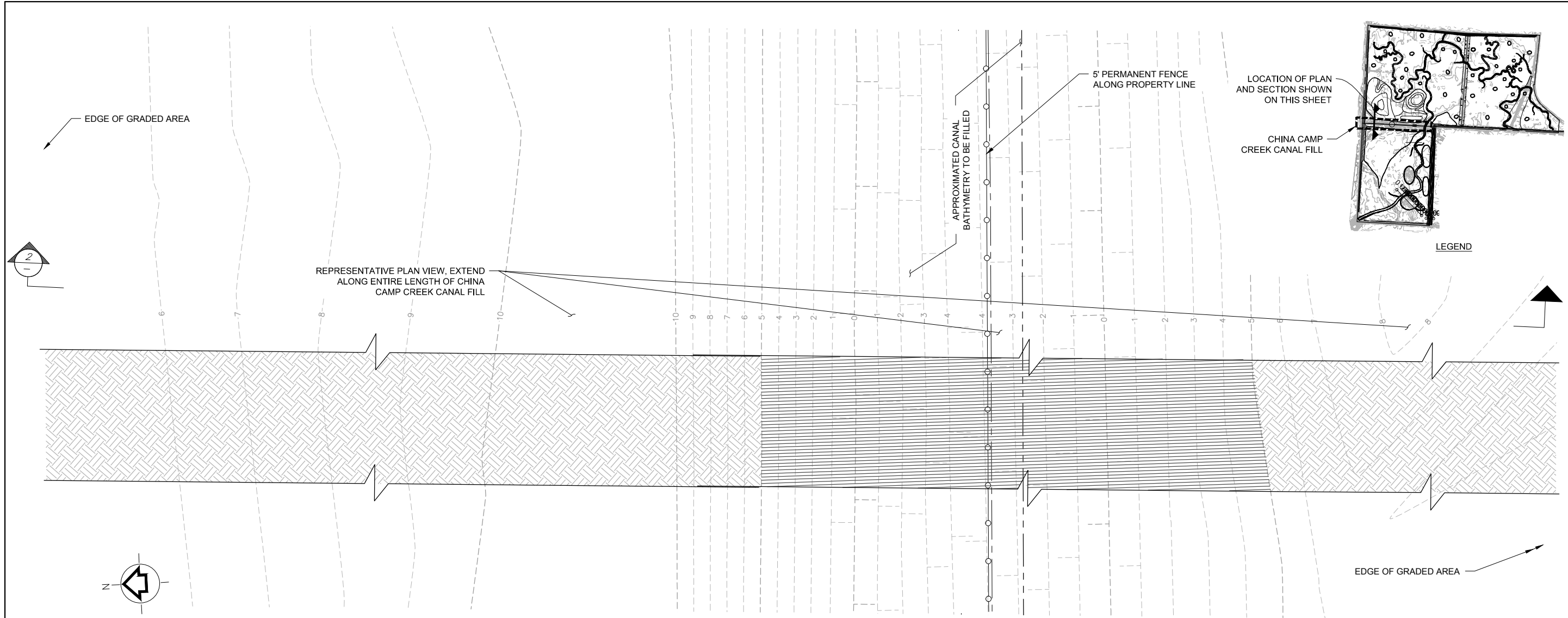
PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C15

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NO 17 OF --

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SECTION - CHINA CAMP CREEK CANAL FILL 1

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CHINA CAMP CREEK
CANAL FILL 1

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PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C19

SHT NO 21 OF --

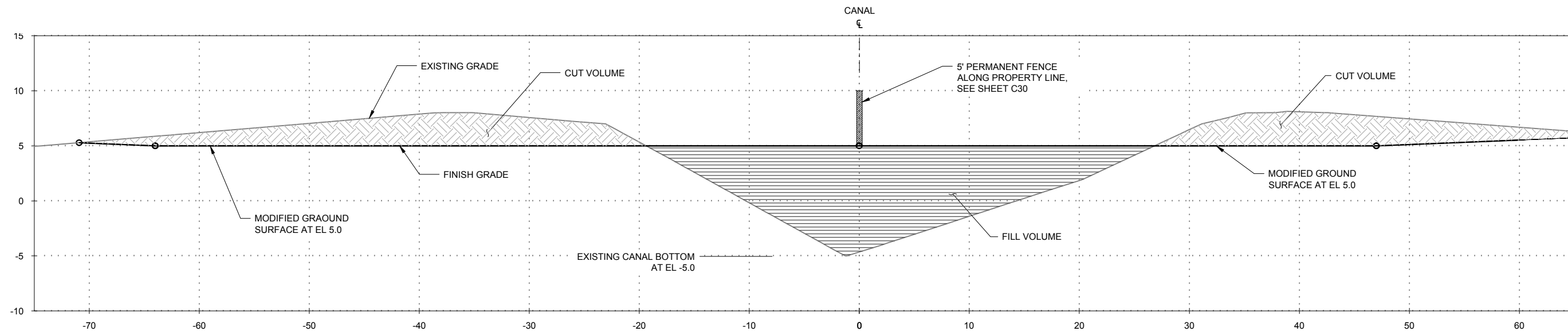
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PLAN - CHINA CAMP CREEK CANAL FILL 2

SCALE: 1"=5'

1
C02



SECTION - CHINA CAMP CREEK CANAL FILL 2

HORZ 1"=5'; VERT 1"=5'

2
C02

90% DESIGN

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WINTER LAKE RESTORATION PROJECT

CHINA CAMP CREEK
CANAL FILL 2
COQUILLE, OREGON

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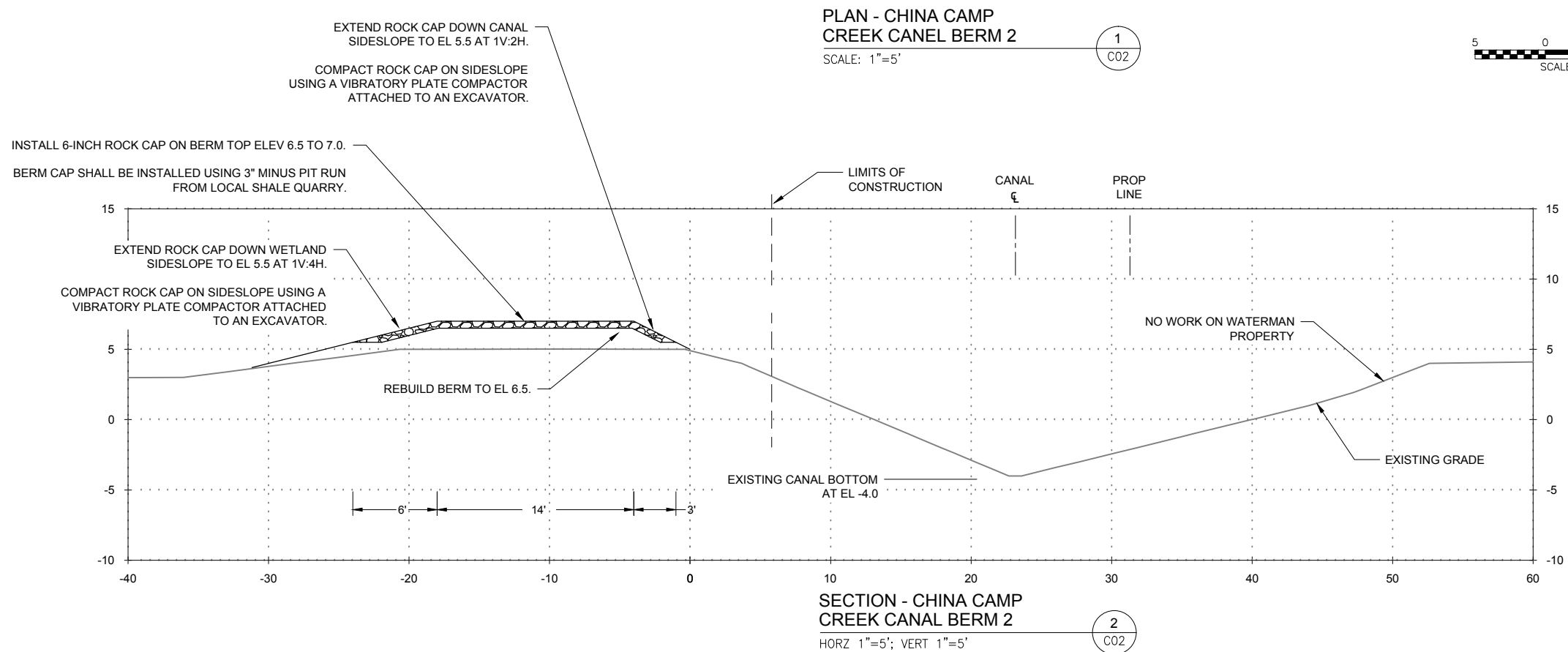
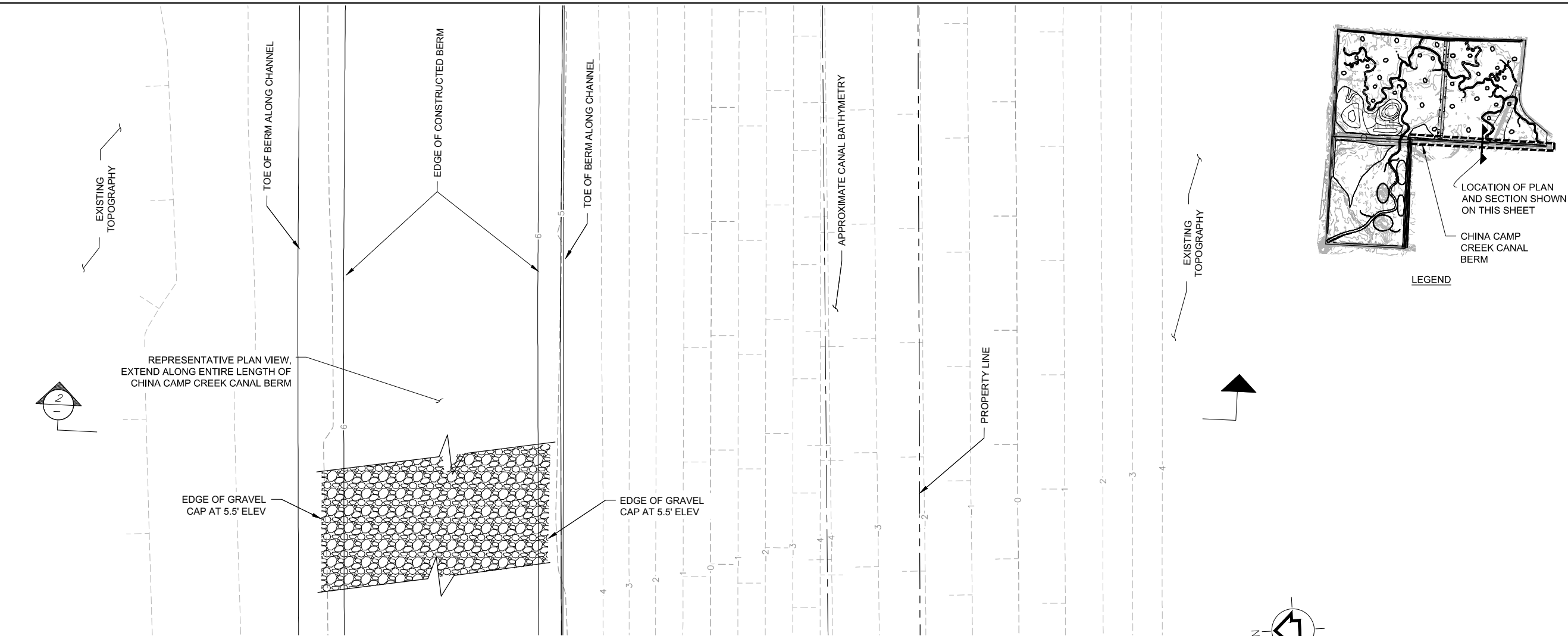
PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C20

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NO 22 OF --

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CHINA CAMP CREEK
CANAL BERM 2

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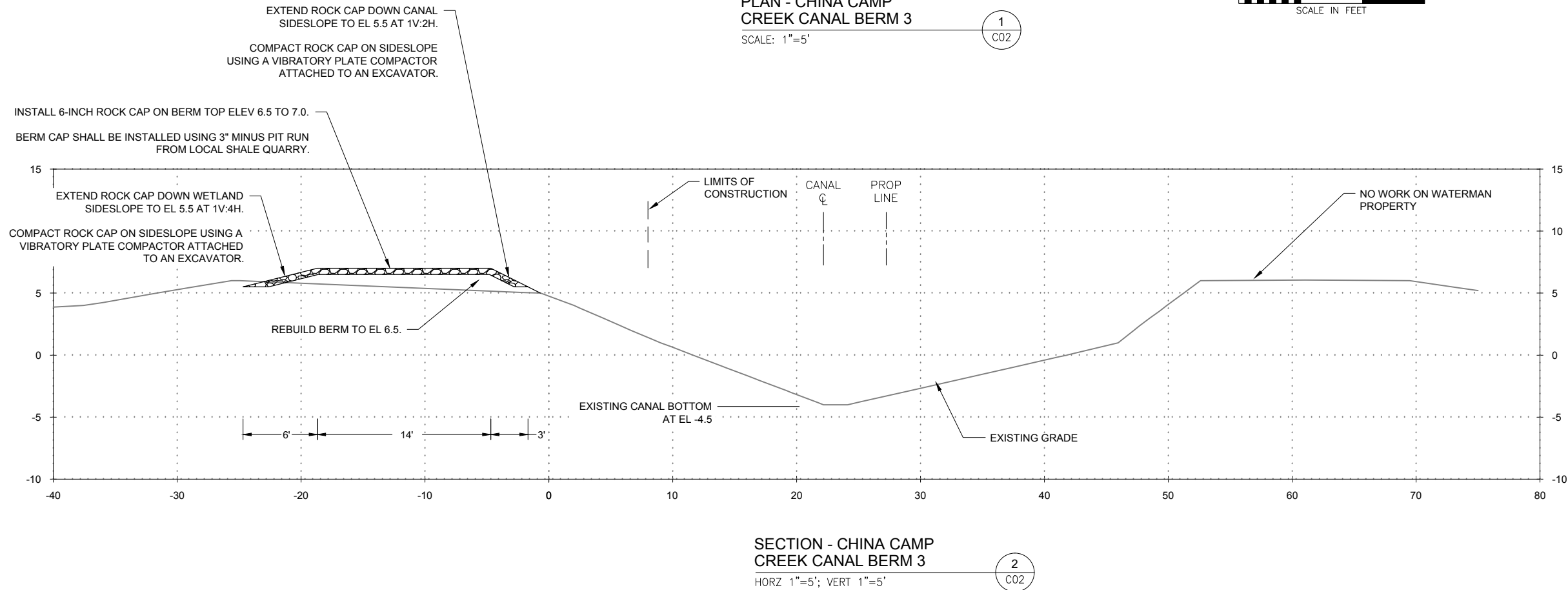
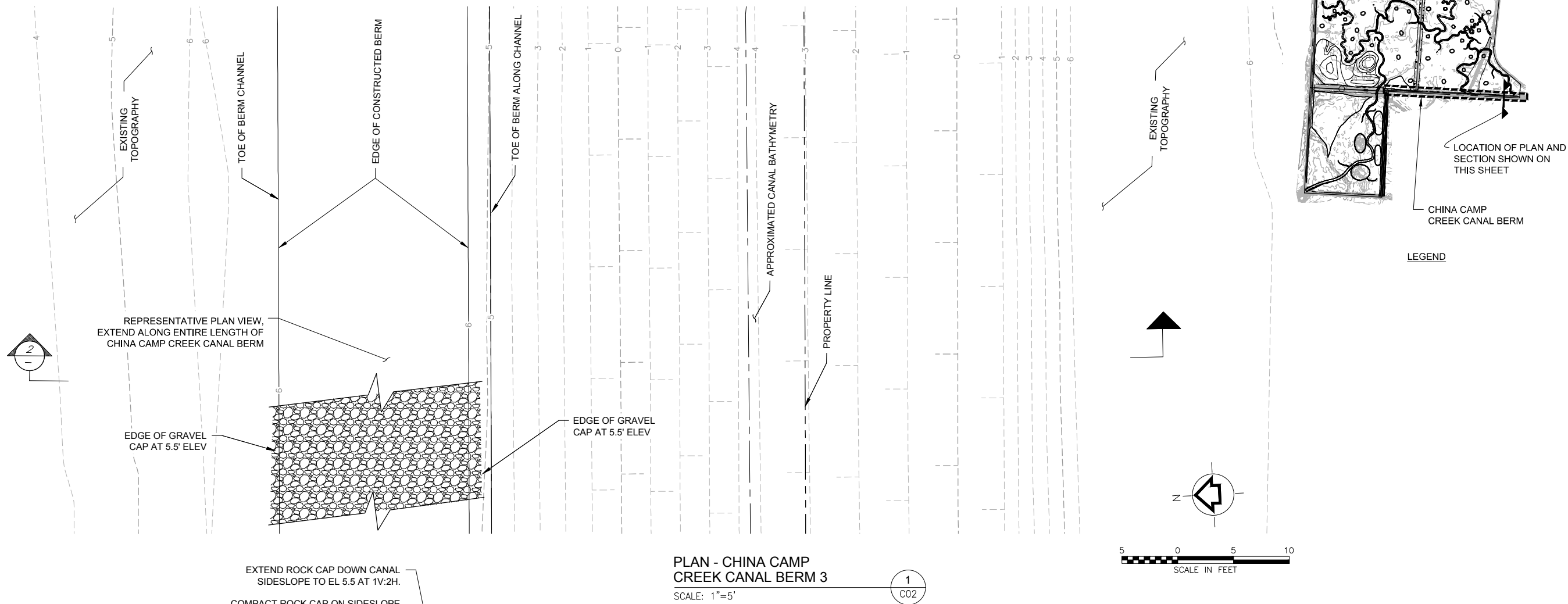
PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C22

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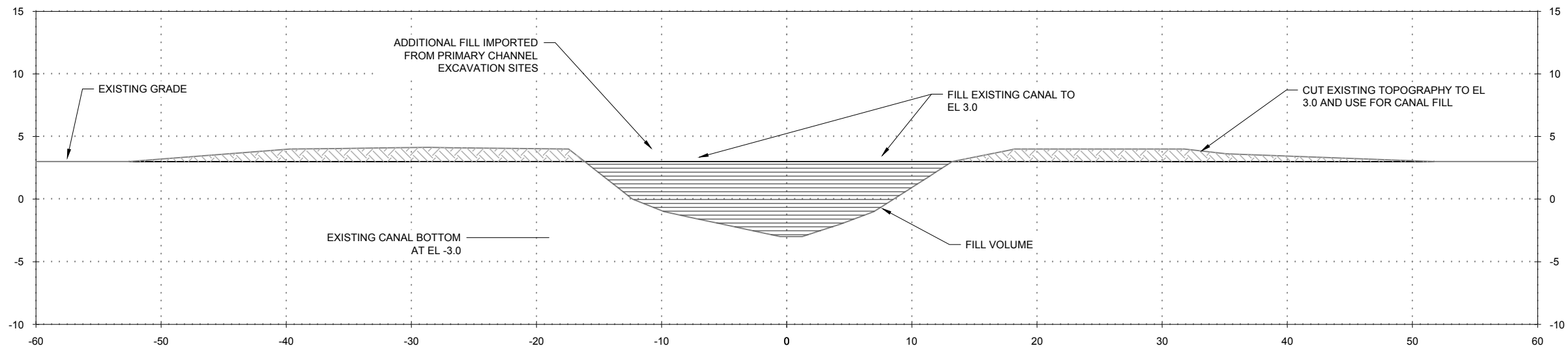
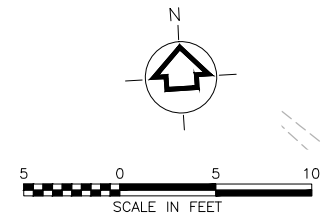
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CHINA CAMP CREEK CANAL BERM 3 COQUILLE, OREGON			
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PROJECT NO. 32071			
FILE NAME:			
DRAWING NO. C23			
SHT NO 25 OF --			

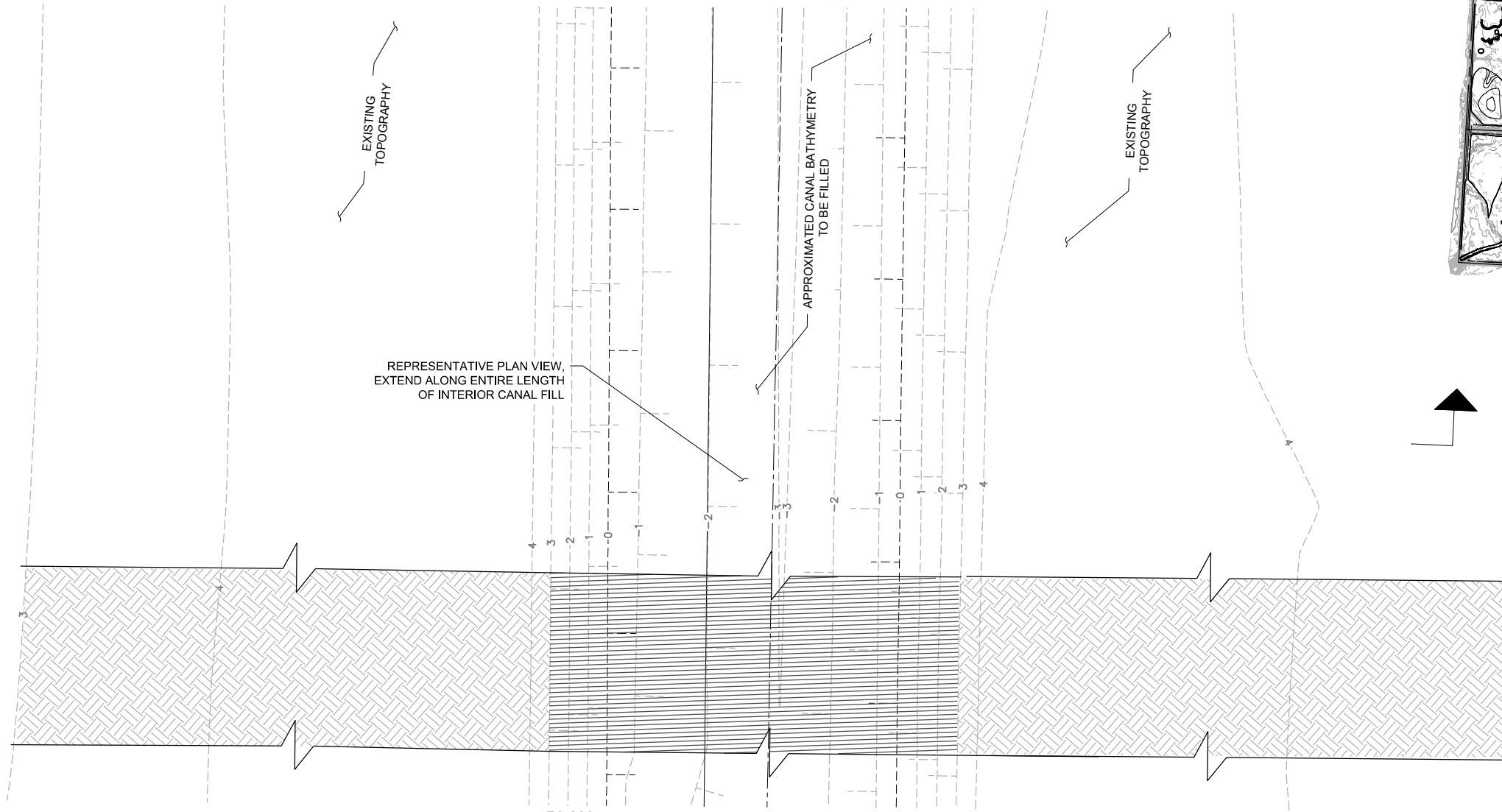
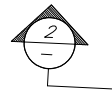
90% DESIGN

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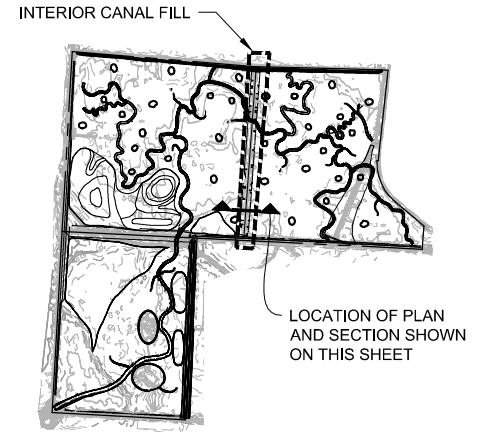
SECTION
INTERIOR CANAL FILL 1A
HORZ 1"=5'; VERT 1"=5'

2
C02



PLAN
INTERIOR CANAL FILL 1A
SCALE: 1"=5'

1
C02



LEGEND

PRELIMINARY - NOT
FOR CONSTRUCTION

TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-5388
(F) 503-228-8631



WINTER LAKE RESTORATION PROJECT

INTERIOR CANAL
FILL 1A

COQUILLE, OREGON



THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO.

32071

FILE NAME:

DRAWING NO.

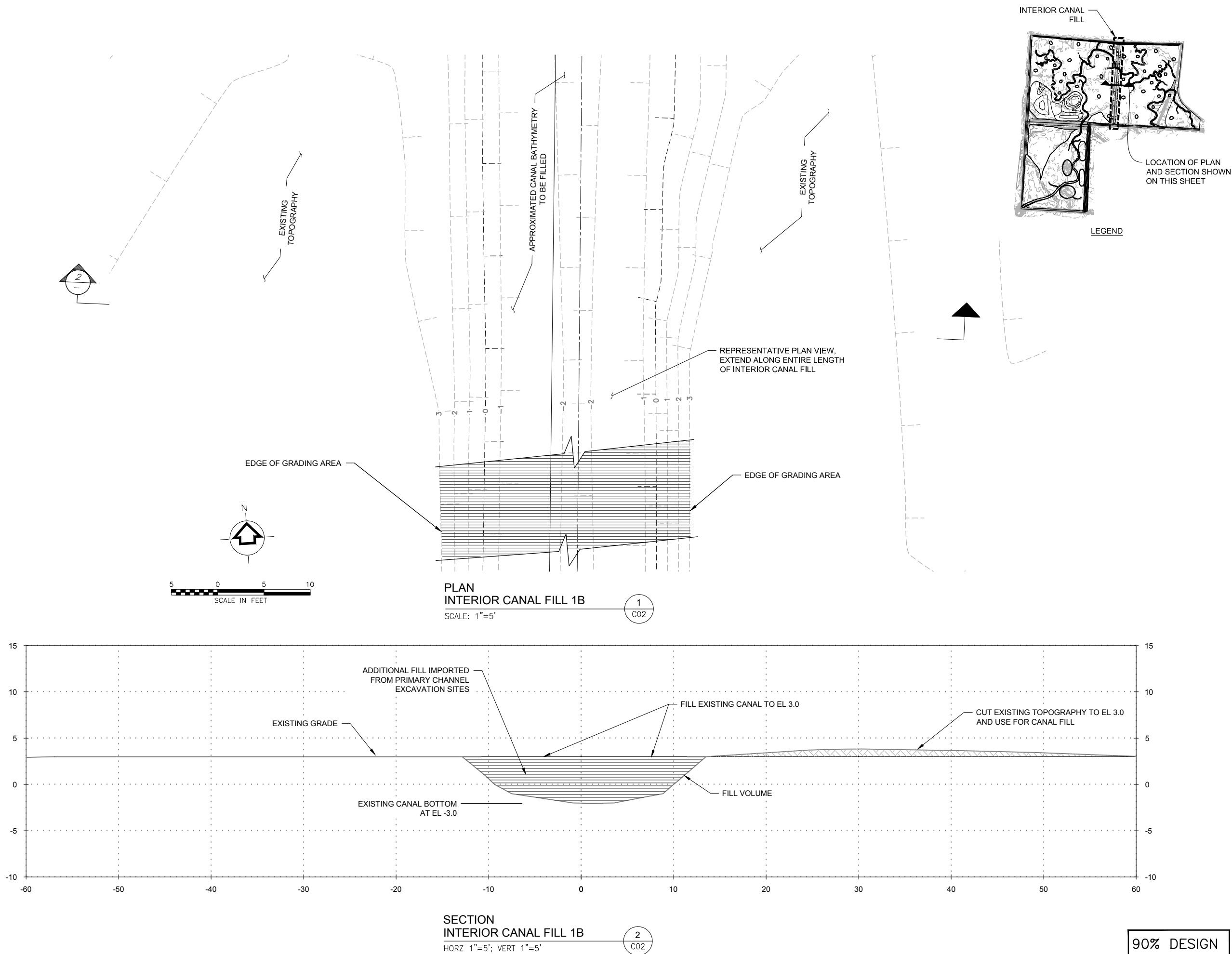
C24

SHT
NO 26 OF --

90% DESIGN

TS/MM	DESIGNED	MAR	DRAWN	WTF	CHECKED	APPROVED	MARK	DESCRIPTION	DATE
JAN 2015		JAN 2015		JAN 2015					

P:\Projects\32071 Winter Lake\CAD\SheetFiles\C24-C26 INTERIOR CANAL 1.dwg 1/26/2015



DESIGNED	JAN 2015	DATE	
DRAWN	MAR 2015	MARK	
CHECKED	JAN 2015	DESCRIPTION	
APPROVED			

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WINTER LAKE RESTORATION PROJECT

INTERIOR CANAL
FILL 1B

COQUILLE, OREGON

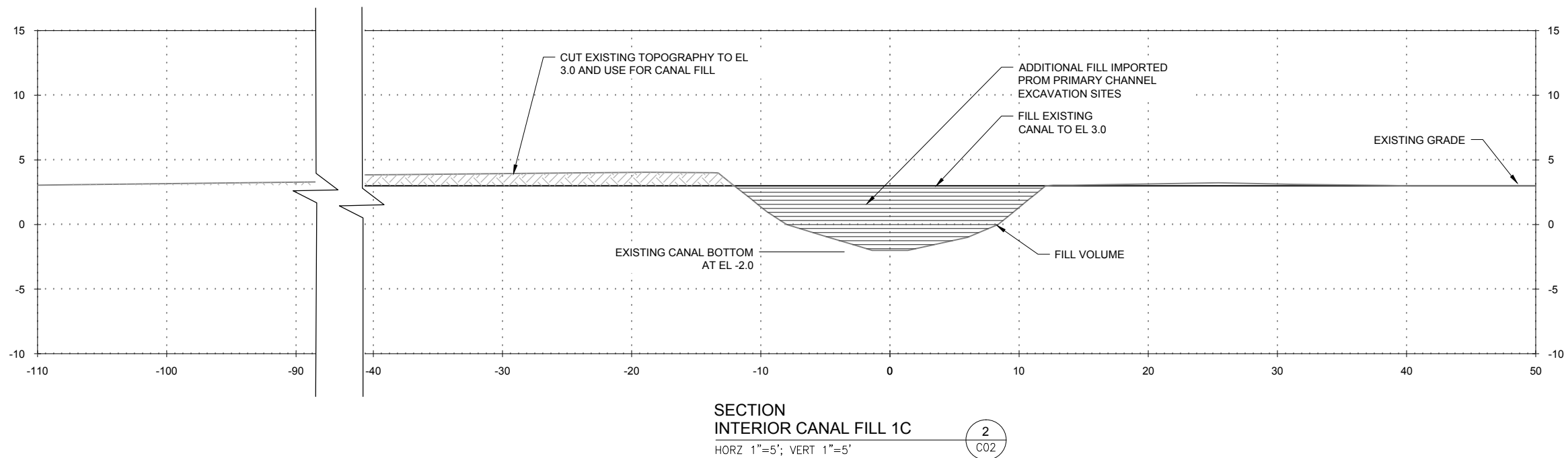
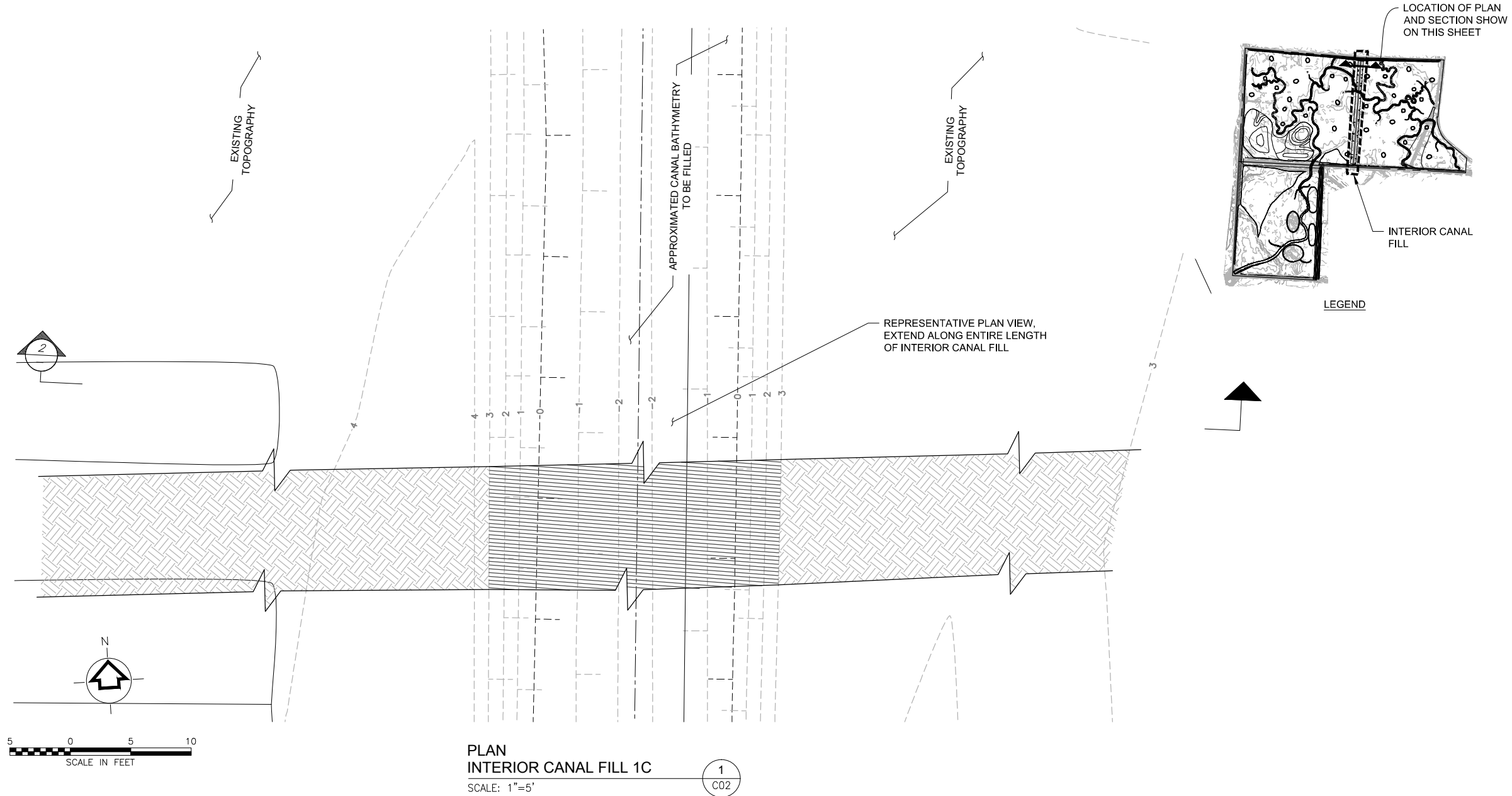
The Nature Conservancy

Protecting nature. Preserving life.

THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO.	32071
FILE NAME:	
DRAWING NO.	C25
SHT NO	27 OF --

P:\Projects\32071 Winter Lake\CAD\SheetFiles\C24-C26 INTERIOR CANAL 1.dwg 1/26/2015



90% DESIGN

DESIGNED		DRAWN		CHECKED		APPROVED	
JAN 2015	MAR	JAN 2015	WTF	JAN 2015			

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WINTER LAKE RESTORATION PROJECT

INTERIOR CANAL
FILL 1C

COQUILLE, OREGON

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EUGENE, OR 97402

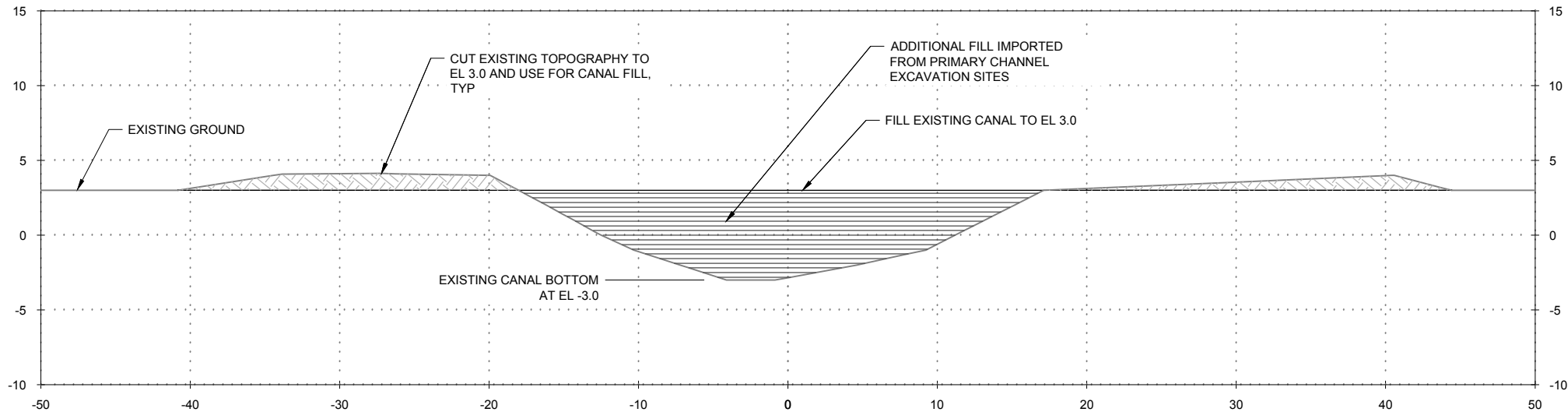
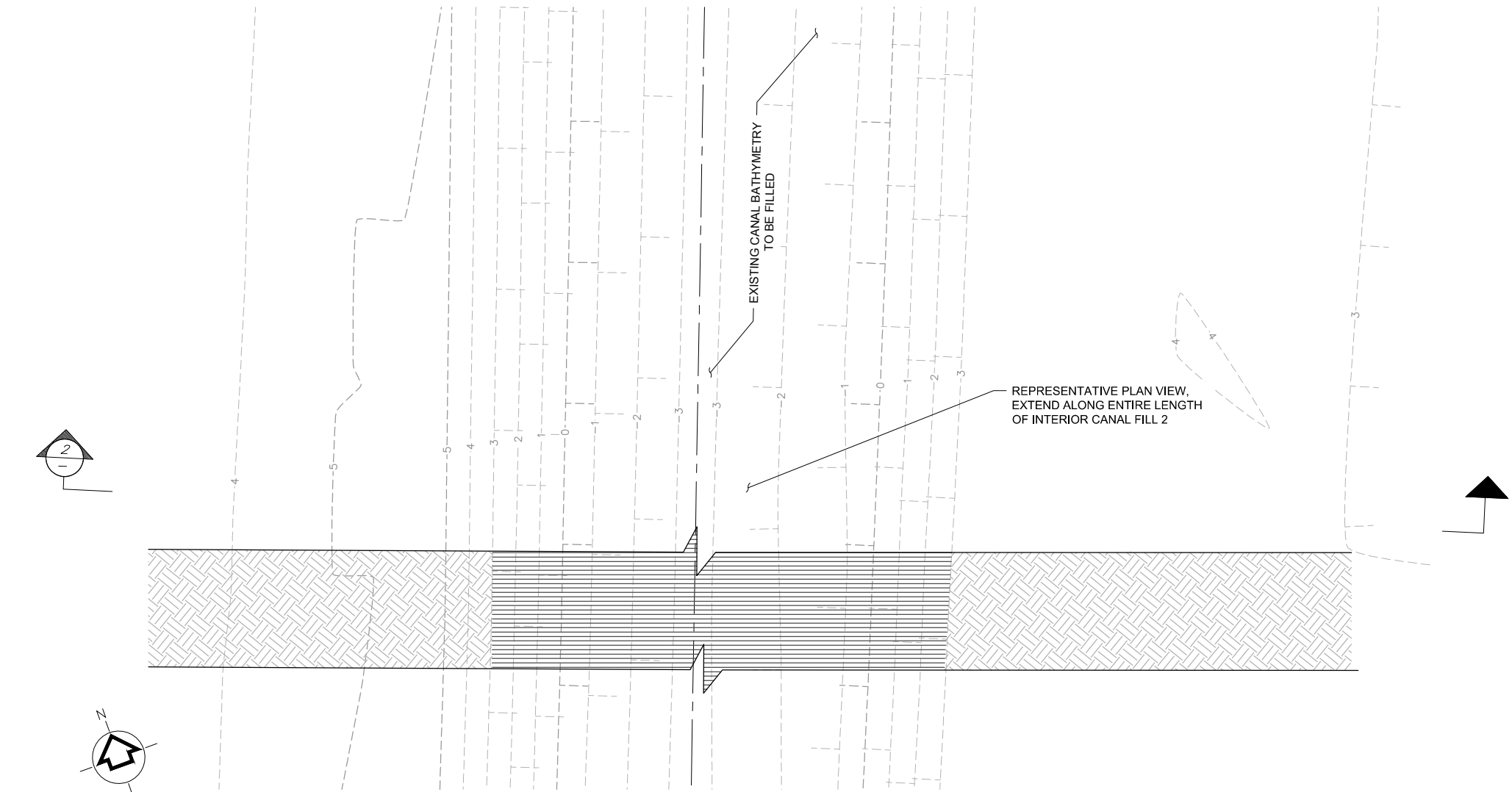
PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C26

SHT
NO 28 OF --

P:\Projects\32071 Winter Lake\CAD\SheetFiles\C27-C28 INTERIOR CANAL 2.dwg 1/26/2015



90% DESIGN

DESIGNED		DRAWN		CHECKED		APPROVED	
JAN 2015		JAN 2015		JAN 2015			
TB/MM		MAR		WTF			

PRELIMINARY - NOT FOR CONSTRUCTION

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1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-5388
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WINTER LAKE RESTORATION PROJECT

INTERIOR CANAL
FILL 2A
COQUILLE, OREGON

PROJECT NO.
32071

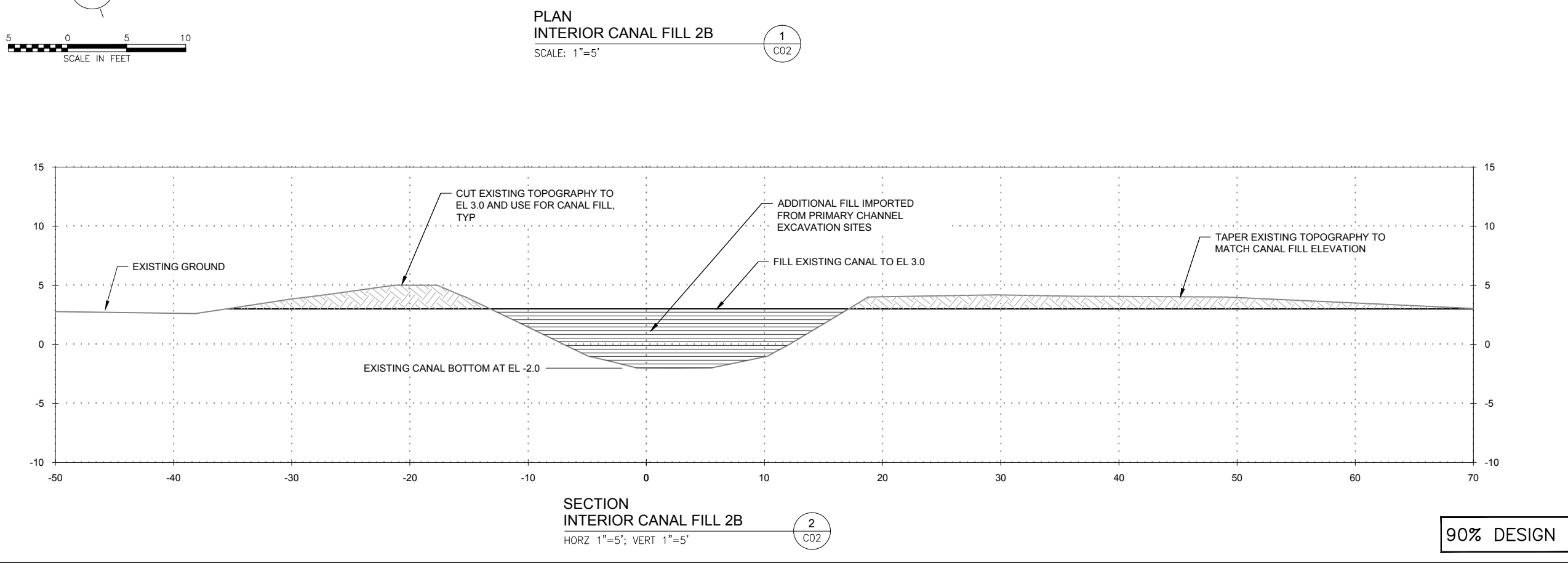
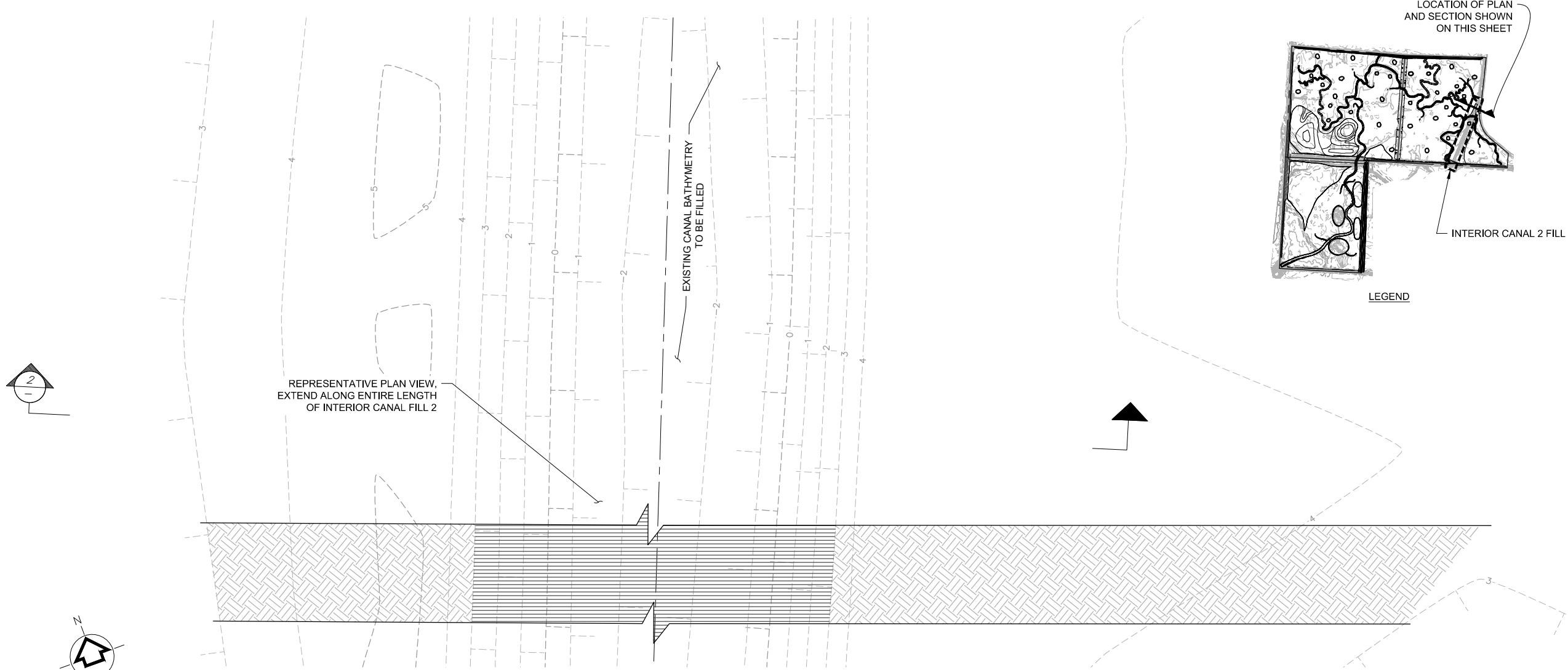
FILE NAME:

DRAWING NO.
C27

SHT NO 29 OF --

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P:\Projects\32071 Winter Lake\CAD\SheetFiles\C27-C28 INTERIOR CANAL 2.dwg 1/26/2015



DESIGNED		DRAWN		CHECKED		APPROVED	
JAN 2015	TB/MM	JAN 2015	MAR	JAN 2015	WTF		

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Tt

WINTER LAKE RESTORATION PROJECT

INTERIOR CANAL FILL 2B

COQUILLE, OREGON

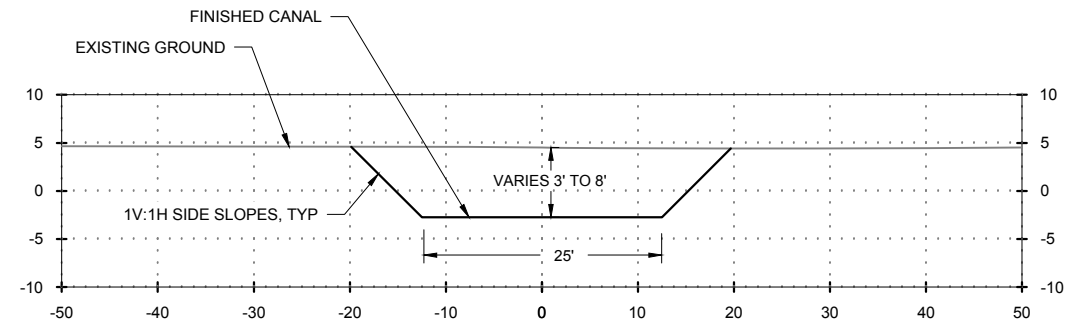
THE NATURE CONSERVANCY
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EUGENE, OR 97402

PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C28

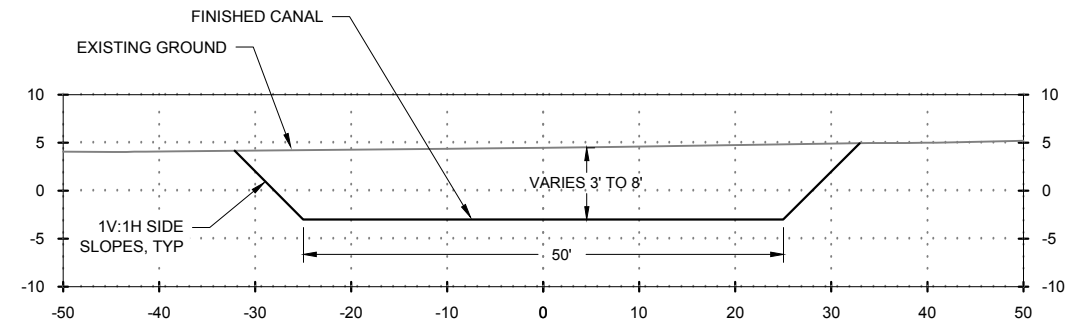
SHT NO 30 OF --



TYP PRIMARY CHANNEL
25-FT BOTTOM WIDTH SECTION

HORZ 1"=10'; VERT 1"=10'

1
-

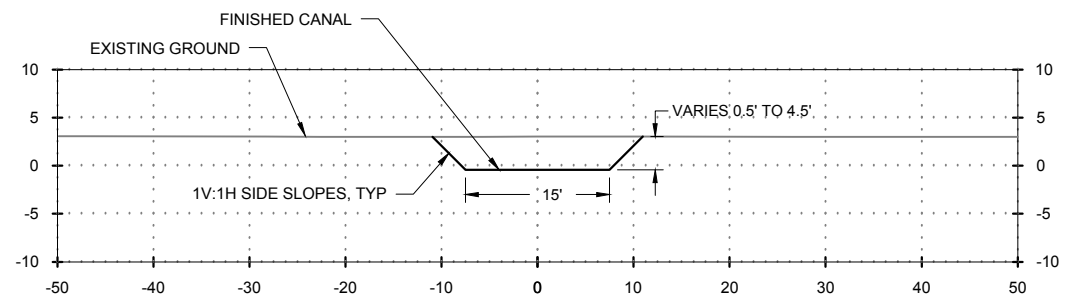


TYP PRIMARY CHANNEL
50-FT BOTTOM WIDTH SECTION

HORZ 1"=10'; VERT 1"=10'

2

—



TYP SECONDARY CHANNEL
15-FT BOTTOM WIDTH SECTION

HORZ 1"=10'; VERT 1"=10'

3
-

NOTE:

1. SEE TABLES ON SHEET C31 AND C32 FOR PROPOSED CANAL ALIGNMENT COORDINATES, BOTTOM, ELEVATIONS AND BOTTOM WIDTH.

DATE	DESCRIPTION	MARK
JAN 2015		
MAR DRAWN		
WTF CHECKED		
JAN 2015		
APPROVED		

PRELIMINARY - NOT
FOR CONSTRUCTION

TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-5388
(F) 503-228-8631



WINTER LAKE RESTORATION PROJECT

TYPICAL SECTIONS

COQUILLE, OREGON



THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C29

SHT
NO 31 OF --

90% DESIGN

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	At New Tide Gate Structure	3919056.66	579697.05	-3.0	50
50		3919099.64	579722.58	-3.0	50
100		3919143.19	579747.14	-3.0	50
150		3919187.30	579770.69	-3.0	50
200		3919232.02	579793.04	-3.0	50
250		3919277.28	579814.29	-3.0	50
300		3919323.03	579834.46	-3.0	50
350		3919369.31	579853.37	-3.0	50
400		3919416.06	579871.10	-3.0	50
450		3919463.22	579887.71	-3.0	50
500	3919510.83	579902.98	-3.0	50	
550	3919558.80	579917.05	-3.0	50	
600	3919607.11	579929.97	-3.0	50	
650	3919655.97	579940.53	-3.0	50	
700	3919704.90	579950.77	-3.0	50	
750	3919753.11	579963.99	-3.0	50	
800	3919800.62	579979.57	-3.0	50	
850	3919847.26	579997.54	-3.0	50	
900	3919892.57	580018.64	-3.0	50	
950	3919935.92	580043.51	-3.0	50	
1000	3919977.35	580071.49	-3.0	50	
1050		3920016.55	580102.50	-3.0	50
1100	Confluence of SC 1	3920052.42	580137.29	-3.0	50
1150		3920082.53	580177.12	-3.0	50
1200	DS End CCGC Tidal Depression No 1	3920111.48	580217.84	-3.0	50
1250		3920146.48	580253.46	-3.0	50
1300		3920183.78	580286.76	-3.0	50
1350		3920221.28	580319.83	-3.0	50
1400		3920259.85	580351.63	-3.0	50
1450	US End CCGC Tidal Depression No 1	3920300.64	580380.52	-3.0	50
1500		3920345.12	580403.16	-3.0	50
1550		3920393.08	580417.06	-3.0	50
1600		3920442.46	580424.82	-3.0	50
1650		3920492.19	580429.94	-3.0	48
1700		3920541.89	580435.43	-3.0	46
1750		3920591.20	580443.53	-3.0	44
1800		3920639.04	580457.84	-3.0	42
1850	DS End CCGC Tidal Depression No 2	3920685.43	580476.49	-3.0	42
1900		3920725.23	580504.99	-3.0	42
1950		3920739.73	580552.47	-3.0	42
2000		3920742.48	580602.27	-3.0	42
2050	US End CCGC Tidal Depression No 2	3920736.57	580651.88	-3.0	42
2100		3920723.58	580700.10	-3.0	40
2150		3920704.11	580746.11	-3.0	38
2200		3920677.99	580788.68	-3.0	36
2250	DS End CCGC Tidal Depression No 3	3920643.85	580824.94	-3.0	34
2300		3920607.65	580858.52	-3.0	34
2350	US End CCGC Tidal Depression No 3	3920593.12	580906.00	-3.0	34
2400		3920597.76	580955.53	-3.0	34
2450		3920612.02	581003.39	-3.0	32
2500		3920634.95	581047.73	-3.0	30
2550		3920668.23	581084.51	-3.0	28
2600		3920710.74	581110.81	-3.00	26
2650	DS End CCGC Tidal Depression No 4	3920746.70	581145.15	-3.00	25
2700		3920769.13	581189.22	-3.00	25
2750		3920769.43	581239.03	-3.00	25
2800		3920761.97	581288.47	-3.00	25
2850	US End CCGC Tidal Depression No 4	3920750.58	581337.11	-3.00	25
2900		3920732.44	581383.65	-3.00	25
2950		3920707.50	581426.88	-3.00	25
3000		3920676.58	581466.16	-3.00	25
3050		3920647.29	581506.66	-3.00	25
3100		3920619.23	581548.05	-3.00	25
3150	Confluence of SC 4 and SC 5	3920592.41	581590.24	-3.00	25
3200		3920567.32	581633.49	-2.75	25
3250					

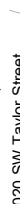
4400		3920952.28	582593.93	-2.50	25
4450		3920913.40	582624.50	-2.50	25
4500		3920889.63	582667.95	-2.50	25
4550		3920888.08	582717.67	-2.50	25
4600		3920896.44	582766.93	-2.50	25
4650		3920919.60	582810.96	-2.50	25
4700		3920950.32	582850.39	-2.50	25
4750		3920980.52	582890.19	-2.50	25
4800		3920999.81	582935.95	-2.50	25
4850		3921004.34	582985.67	-2.50	25
4900		3920995.23	583034.59	-2.50	25
4950		3920977.41	583081.25	-2.50	25
5000		3920948.63	583121.65	-2.25	25
5050		3920908.93	583152.00	-2.25	25
5100		3920882.38	583193.63	-2.25	25
5150		3920871.31	583242.27	-2.25	25
5200		3920869.74	583292.11	-2.25	25
5250		3920876.36	583341.66	-2.25	25
5300		3920886.53	583390.57	-2.25	25
5350		3920905.66	583436.60	-2.25	25
5400	Confluence of SC 6	3920946.59	583464.39	-2.25	25
5450		3920974.03	583503.03	-2.25	25
5500		3920976.23	583552.88	-2.25	25
5550		3920962.07	583600.15	-2.25	25
5600		3920926.59	583634.81	-2.25	25
5650		3920880.02	583650.87	-2.25	25
5700	Junction of PC 1 with PC 2 & PC 3	3920830.08	583649.95	-2.00	25

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	At Confluence of PC 1, PC 2 & PC 3	3920797.05	583698.82	-2.0	25
50		3920747.12	583696.48	-2.0	25
100		3920697.21	583693.92	-2.0	25
150		3920647.55	583688.14	-2.0	25
200		3920600.66	583675.56	-2.0	25
250		3920600.05	583626.53	-2.0	25
300		3920614.86	583579.17	-1.8	25
350		3920638.77	583535.29	-1.8	25
400		3920646.05	583486.78	-1.8	25
450		3920617.93	583449.52	-1.8	25
500		3920568.88	583441.94	-1.8	25
550		3920519.23	583447.50	-1.8	25
600		3920469.65	583453.51	-1.6	25
650		3920422.87	583439.99	-1.6	25
700		3920398.01	583398.64	-1.6	25
750		3920419.91	583354.04	-1.6	25
800		3920454.25	583317.75	-1.6	25
850		3920483.45	583277.48	-1.6	25
900		3920491.35	583229.44	-1.4	25
950		3920458.49	583195.25	-1.4	25
1000		3920415.16	583171.05	-1.4	25
1050		3920390.21	583128.06	-1.4	25
1100		3920347.07	583103.53	-1.4	25
1150		3920298.11	583093.61	-1.4	25
1200		3920255.17	583069.88	-1.2	25
1250		3920229.64	583027.55	-1.2	25
1300		3920211.90	582980.96	-1.2	25
1350		3920179.77	582942.87	-1.2	25
1400		3920135.18	582921.37	-1.2	25
1450	At Tip of 180 Degree Bend	3920085.86	582924.28	-1.2	25
1500		3920044.86	582950.10	-1.0	25
1550		3920067.15	582992.15	-1.0	25
1600		3920093.68	583033.16	-1.0	25
1650		3920079.29	583077.57	-1.0	25
1700		3920042.75	583111.58	-1.0	25
1750		3920029.78	583159.08	-1.0	25
1800		3920029.70	583209.07	-0.8	25
1850		3920020.71	583257.99	-0.8	25
1900		3919988.81	583293.92	-0.8	25
1950		3919948.62	583322.18	-0.8	25
2000		3919940.77	583370.50	-0.8	25
2050		3919970.02	583407.45	-0.8	25
2100		3920018.92	583417.48	-0.6	25
2150		3920044.28	583450.22	-0.6	25
2200		3920011.06	583486.56	-0.6	25
2250		3919978.14	583523.23	-0.6	25
2300		3919973.95	583571.72	-0.6	25
2350		3919988.33	583619.46	-0.6	25
2400		3920004.20	583666.82	-0.4	25
2450		3920001.40	583716.19	-0.4	25
2500		3919985.61	583763.69	-0.4	25
2550		3919978.25	583812.68	-0.4	25
2600		3920003.54	583852.62	-0.4	25
2650		3920052.11	583861.64	-0.4	25
2700		3920101.66	583866.01	-0.2	25
2750		3920145.00	583890.51	-0.2	25
2800		3920182.56	583923.42	-0.2	25
2850		3920212.72	583963.16	-0.2	25
2900		3920232.40	584008.93	-0.2	25
2950		3920226.16	584057.73	-0.2	25
3000		3920196.86	584098.08	0.0	25
3050		3920162.19	584134.02	0.0	25
3100	At Confluence of PC 2A & PC 2B	3920121.08	58		

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
	Primary Channel 2A				
0	At Confluence of PC 2A & PC 2B	3920099.22	584170.58	0.0	25
50		3920052.77	584188.95	0.0	25
100		3920014.00	584219.61	0.0	25
150		3920002.33	584267.90	0.0	25
200		3920001.58	584317.85	0.0	25
250		3919985.61	584365.03	0.0	25
300		3919958.68	584407.06	0.0	25
350		3919917.97	584433.10	0.0	25
400		3919869.18	584425.24	0.0	25
450		3919853.02	584383.55	0.0	25
500		3919844.67	584335.98	0.0	25
550		3919809.35	584301.26	0.0	25
600		3919761.02	584301.39	0.0	25
650		3919712.05	584306.21	0.0	25
700		3919667.73	584283.52	0.0	25
750		3919622.77	584262.24	0.0	25
800		3919573.75	584259.59	0.0	25
850		3919529.09	584281.59	0.0	25
900		3919493.53	584316.34	0.0	25
950		3919473.45	584361.76	0.0	25
1000		3919474.00	584411.29	0.0	25

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
	Primary Channel 2B				
0	At Confluence of PC 2A & PC 2B	3920099.14	584170.34	0.0	25
50		3920067.49	584132.00	0.0	25
100		3920022.23	584121.72	0.0	25
150		3919980.47	584148.00	0.0	25
200		3919945.42	584122.64	0.0	25
250		3919906.72	584099.65	0.0	25
300		3919874.54	584135.18	0.0	25
350		3919826.51	584136.53	0.0	25
400		3919803.54	584093.91	0.0	25
450		3919790.58	584051.24	0.0	25
500		3919743.00	584060.31	0.0	25
550		3919693.99	584058.99	0.0	25
600		3919666.83	584020.79	0.0	25
650		3919667.32	583979.48	0.0	25
700		3919629.44	583990.14	0.0	25
750		3919624.81	584039.81	0.0	25
800		3919594.56	584027.59	0.0	25
850		3919548.71	584016.77	0.0	25
900		3919504.71	584039.00	0.0	25

90% DESIGN

 THE NATURE CONSERVANCY 87200 RATHBONE RD. EUGENE, OR 97402		WINTER LAKE RESTORATION PROJECT COORDINATE TABLES CHANNEL LAYOUT 1 COQUILLE, OREGON		 TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		PRELIMINARY - NOT FOR CONSTRUCTION		TB/MM DESIGNED JAN 2015		
						MAR DRAWN JAN 2015				
						WTF CHECKED JAN 2015				
						APPROVED				
PROJECT NO. 32071		FILE NAME:		DRAWING NO. C31		SHT NO 33 OF --		MARK DESCRIPTION	DATE	

PRIMARY CHANNEL 3

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	At Confluence of PC 1, PC 2 & PC 3	3920797.05	583698.82	-2.0	25
50		3920822.97	583740.33	-2.0	25
100		3920833.55	583789.19	-2.0	25
150		3920838.21	583838.95	-2.0	25
200		3920839.71	583888.92	-2.0	25
250		3920842.01	583938.86	-2.0	25
300		3920849.98	583988.14	-2.0	25
350	Confluence of SC 7	3920861.82	584036.72	-2.0	25
400		3920886.03	584079.64	-2.0	25
450		3920931.29	584095.20	-2.0	25
500		3920975.11	584073.33	-1.8	25
550		3921002.30	584031.60	-1.8	25
600	Confluence of SC 8	3921044.39	584010.80	-1.8	25
650		3921091.31	584025.46	-1.8	25
700		3921088.05	584073.34	-1.8	25
750		3921064.21	584117.23	-1.8	25
800		3921054.84	584165.61	-1.8	25
850	Confluence of PC 3A	3921066.30	584213.75	-1.8	25
900		3921097.03	584252.62	-1.8	25
950		3921134.81	584285.13	-1.8	25
1000		3921150.25	584332.17	-1.6	25
1050		3921160.90	584380.87	-1.6	25
1100		3921191.45	584419.90	-1.6	25
1150		3921235.98	584441.85	-1.6	25
1200		3921285.00	584451.10	-1.6	25
1250		3921334.89	584450.75	-1.6	25
1300		3921384.21	584442.66	-1.6	25
1350		3921433.09	584432.15	-1.6	25
1400		3921481.72	584420.55	-1.6	25
1450		3921529.62	584406.26	-1.6	25
1500		3921576.36	584388.56	-1.4	25
1550		3921621.14	584366.37	-1.4	25
1600		3921664.25	584341.06	-1.4	25
1650		3921705.34	584312.60	-1.4	25
1700		3921744.58	584281.65	-1.4	25
1750		3921779.11	584245.57	-1.4	25
1800		3921800.69	584201.58	-1.4	25
1850		3921799.93	584151.63	-1.4	25
1900		3921813.56	584104.07	-1.4	25
1950		3921840.27	584061.83	-1.4	25
2000		3921863.18	584017.62	-1.2	25
2050		3921867.41	583968.10	-1.2	25
2100	Confluence of SC 9	3921874.60	583918.98	-1.2	25
2150		3921914.25	583890.63	-1.2	25
2200		3921962.38	583877.20	-1.2	25
2250		3921998.76	583844.20	-1.2	25
2300		3922022.12	583800.23	-1.2	25
2350		3922042.39	583754.58	-1.2	25
2400		3922074.63	583716.73	-1.2	25
2450		3922121.66	583701.27	-1.2	25
2500		3922171.50	583699.41	-1.0	25
2550		3922221.00	583705.94	-1.0	25
2600		3922266.70	583725.41	-1.0	25
2650		3922311.71	583746.78	-1.0	25
2700		3922361.43	583747.72	-1.0	25
2750		3922407.85	583731.68	-1.0	25
2800		3922457.80	583747.72	-1.0	25

PRIMARY CHANNEL 3A

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	Primary Channel 3A				
50		3921308.16	584455.58	0.0	25
100		3921311.04	584505.50	0.0	25
150		3921326.22	584553.05	0.0	25
200		3921344.76	584599.40	0.0	25
250		3921370.51	584641.80	0.0	25
250	At Confluence with North Canal	3921402.29	584680.40	0.0	25

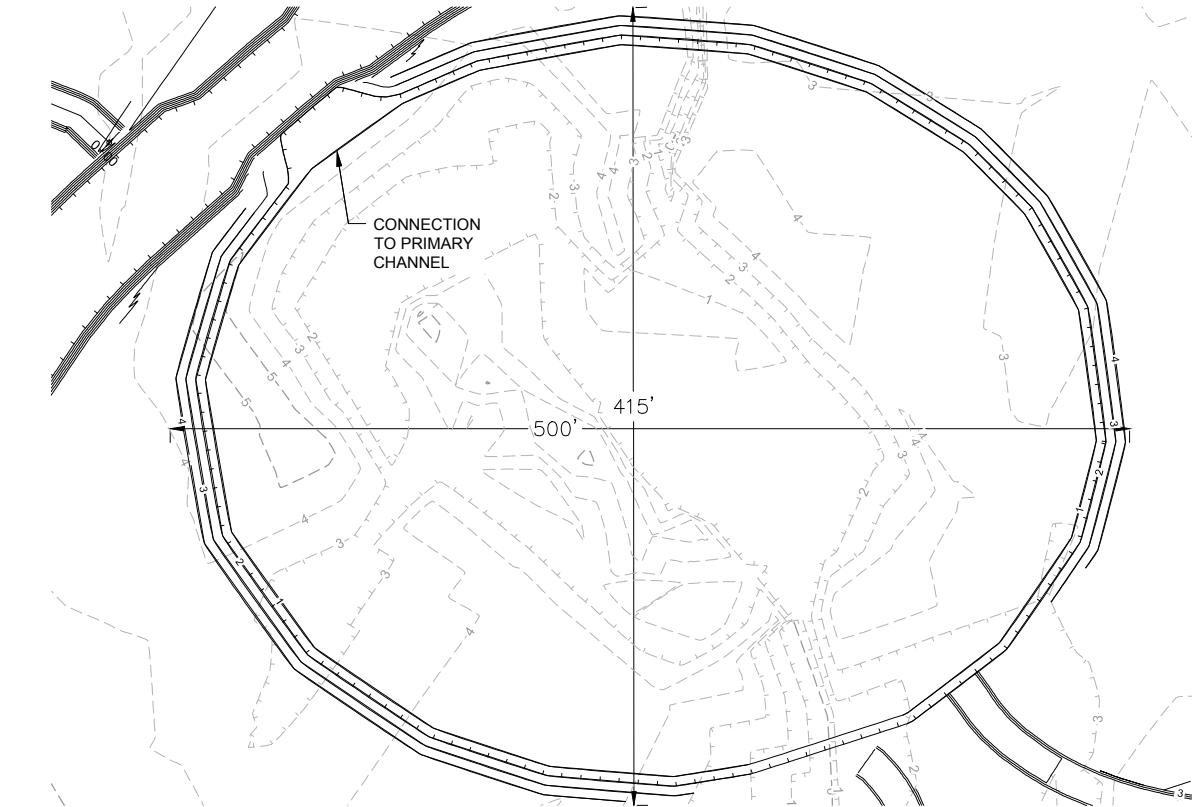
PRIMARY CHANNEL 3B

CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	Primary Channel 3B				
50		3922418.12	583709.85	-1.0	25
100		3922466.14	583696.25	-1.0	25
150		3922514.99	583686.77	-1.0	25
200		3922545.70	583722.98	-1.0	25
250	At Confluence of PC 3B, PC 3 & PC 4	3922549.34	583771.76	-1.0	25
300		3922553.19	583817.95	-1.0	25
350		3922502.29	583858.69	-1.0	25
400		3922468.66	583895.68	-1.0	25
450		3922435.82	583933.38	-0.8	25
500		3922404.70	583972.49	-0.8	25
550		3922377.95	584014.69	-0.8	25
600		3922362.73	584061.78	-0.8	25
650		3922399.69	584088.52	-0.8	25
700		3922435.98	584057.62	-0.8	25
750		3922485.25	584050.28	-0.8	25
800		3922534.93	584046.03	-0.8	25
850		3922578.18	584021.96	-0.6	25
900		3922625.90	584007.39	-0.6	25
950		3922675.13	583998.84	-0.6	25
1000		3922724.95	583994.92	-0.6	25
1050		3922774.95	583994.92	-0.6	25
1100		3922824.95	583994.92	-0.6	25
1150		3922874.95	583994.92	-0.6	25
1200		3922924.95	583994.92	-0.6	25
1250		3922974.95	583994.92	-0.6	25
1300		3923024.95	583994.92	-0.6	25
1350		3923074.95	583994.92	-0.6	25
1400		3923124.95	583994.92	-0.6	25
1450		3923174.95	583994.92	-0.6	25
1500		3923224.95	583994.92	-0.6	25
1550		3923274.95	583994.92	-0.6	25
1600		3923324.95	583994.92	-0.6	25
1650		3923374.95	583994.92	-0.6	25
1700		3923424.95	583994.92	-0.6	25
1750		3923474.95	583994.92	-0.6	25
1800		3923524.95	583994.92	-0.6	25
1850		3923574.95	583994.92	-0.6	25
1900		3923624.95	583994.92	-0.6	25
1950		3923674.95	583994.92	-0.6	25
2000		3923724.95	583994.92	-0.6	25
2050		3923774.95	583994.92	-0.6	25
2100		3923824.95	583994.92	-0.6	25
2150		3923874.95	583994.92	-0.6	25
2200		3923924.95	583994.92	-0.6	25
2250		3923974.95	583994.92	-0.6	25
2300		3924024.95	583994.92	-0.6	25
2350		3924074.95	583994.92	-0.6	25
2400		3924124.95	583994.92	-0.6	25
2450		3924174.95	583994.92	-0.6	25
2500		3924224.95	583994.92	-0.6	25
2550		3924274.95	583994.92	-0.6	25
2600		3924324.95	583994.92	-0.6	25
2650		3924374.95	583994.92	-0.6	25
2700		3924424.95	583994.92	-0.6	25
2750		3924474.95	583994.92	-0.6	25
2800		3924524.95	583994.92	-0.6	25
2850		3924574.95	583994.92	-0.6	25
2900		3924624.95	583994.92	-0.6	25
2950		3924674.95	583994.92	-0.6	25
3000		3924724.95	583994.92	-0.6	25
3050		3924774.95	583994.92	-0.6	25
3100		3924824.95	583994.92	-0.6	25
3150		3924874.95	583994.92	-0.6	25
3200		3924924.95	583994.92	-0.6	25
3250		3924974.95	583994.92	-0.6	25
3300		3925024.95	583994.92	-0.6	25
3350		3925074.95	583994.92	-0.6	25
3400		3925124.95	583994.92	-0.6	25
3450		3925174.95	583994.92	-0.6	25
3500		3925224.95	583994.92	-0.6	25
3550		3925274.95	583994.92	-0.6	25
3600		3925324.95	583994.92	-0.6	25
3650		3925374.95	583994.92	-0.6	25
3700		3925424.95	583994.92	-0.6	25
3750		3925474.95	583994.92	-0.6	25
3800		3925524.95	583994.92	-0.6	25
3850		3925574.95	583994.92	-0.6	25
3900		3925624.95	583994.92	-0.6	25
3950		3925674.95	583994.92	-0.6	25

PRIMARY CHANNEL 4

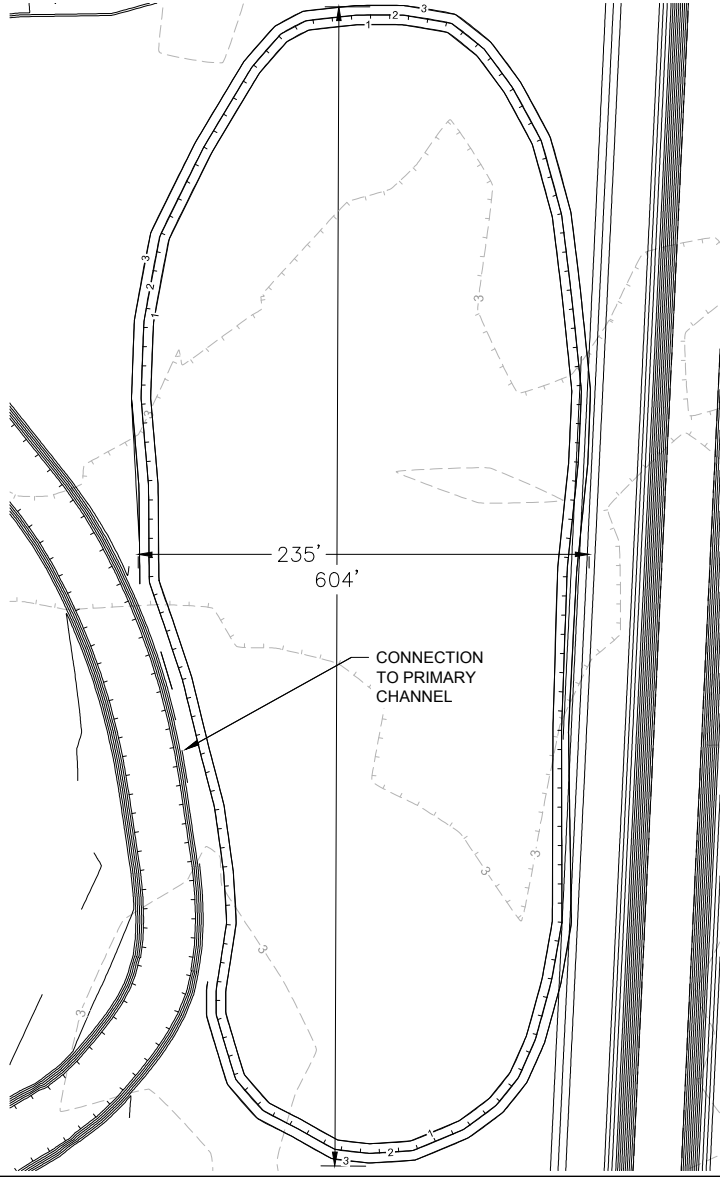
CHANNEL		CENTERLINE	CENTERLINE	PROPOSED	BOTTOM
STA	NOTES	NORTHING	EASTING	BTM ELEV	WIDTH
0	At Confluence of PC 3, PC 3B & PC 4	3922415.03	583709.99	-1.0	25
50		3922409.42	583660.86	-1.0	25
100		3922382.66	583619.52	-1.0	25
150		3922338.68	583595.93	-1.0	25
200		3922302.90	583562.42	-1.0	25
250		3922287.21	583515.31	-1.0	25
300		3922289.02	583465.59	-1.0	25
350		3922313.27	583422.72	-1.0	25
400		3922356.31	583401.46	-1.0	25
450		3922403.82	583415.86	-1.0	25
500	Confluence of SC 10	3922446.33	583442.15	-1.0	25
550		3922493.41	583457.27	-1.0	25
600		3922543.38	583456.78	-1.0	25
650		3922592.96	583462.12	-1.0	25
700		3922636.73	583484.88	-0.8	25
750		3922670.90	583520.96	-0.8	25
800		3922704.10	583558.19	-0.8	25
850		3922746.08	583584.28	-0.8	25
900		3922795.64	583582.52	-0.8	25
950		3922844.75	583576.98	-0.8	25
1000		3922882.63	583605.05	-0.8	25
1050		3922901.43	583651.34	-0.8	25
1100		3922941.06	583675.85	-0.8	25
1150		3922976.08	583651.09	-0.8	25
1200		3923025.69	583652.65	-0.8	25
1250		3923073.47	583646.80	-0.8	25
1300		3923097.01	583603.43	-0.8	25
1350		3923116.16	583557.50	-0.8	25
1400		3923148.89	583520.38	-0.6	25
1450		3923196.76	583512.76	-0.6	25
1500	Confluence of SC 13	3923240.21	583497.01	-0.6	25
1550		3923228.09	583453.71	-0.6	25
1600		3923183.53	583432.35	-0.6	25
1650		3923160.92	583388.19	-0.6	25

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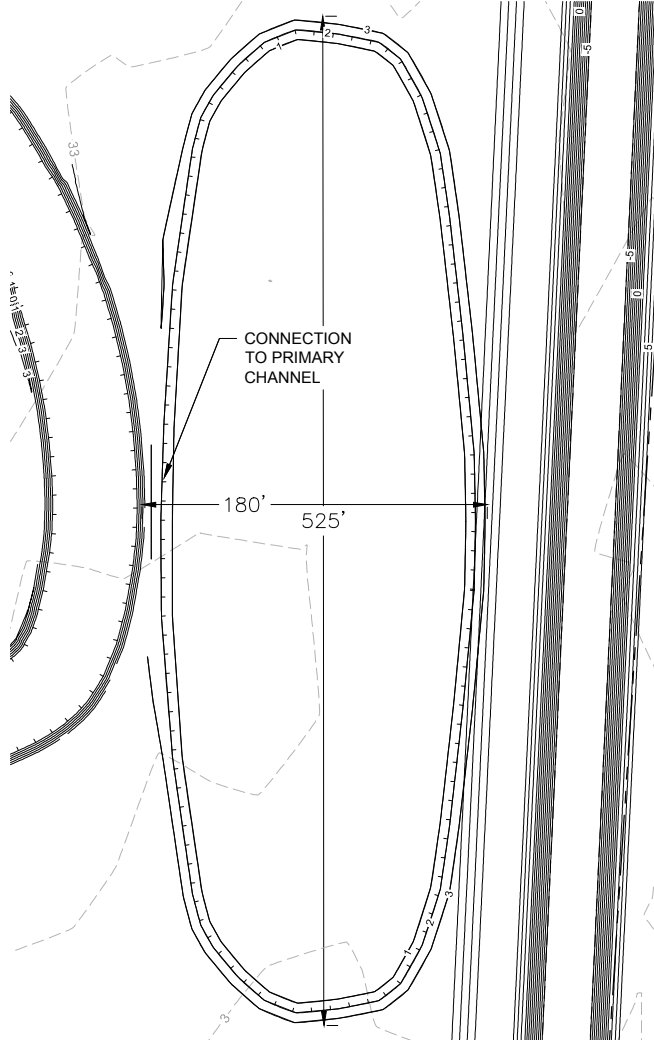
TIDAL DEPRESSION 1
SCALE: 1"=50'

1
C02



TIDAL DEPRESSION 4
SCALE: 1"=50'

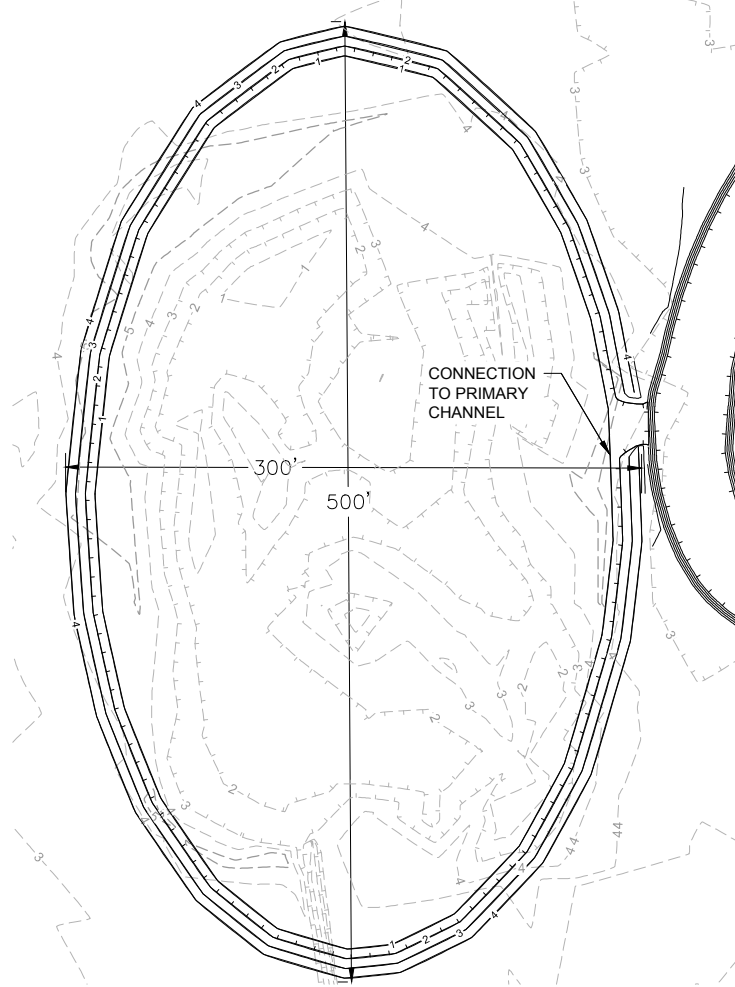
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C02



TIDAL DEPRESSION 2
SCALE: 1"=50'

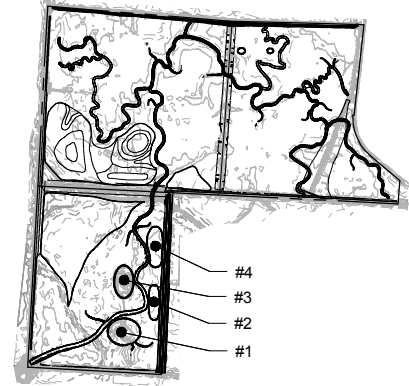
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C02

NOTE:
ADJUST EAST-WEST WIDTH OF
DEPRESSIONS 2 AND 4 TO PROVIDE
ROOM FOR NEW NORTH-SOUTH
CANAL BERM.

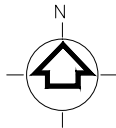


TIDAL DEPRESSION 3
SCALE: 1"=50'

3
C02



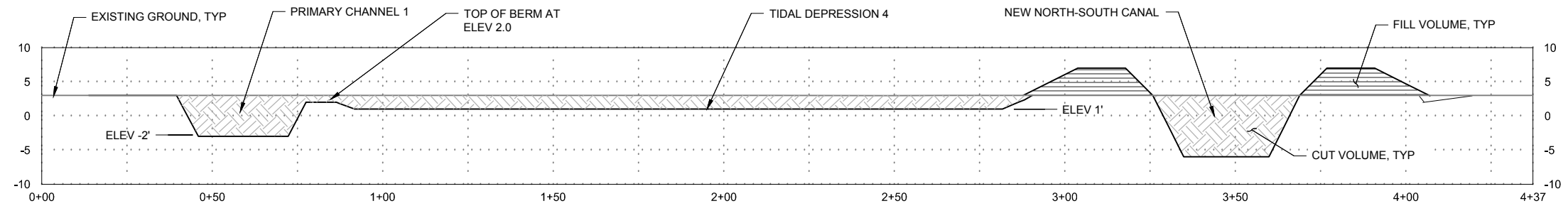
LEGEND



90% DESIGN

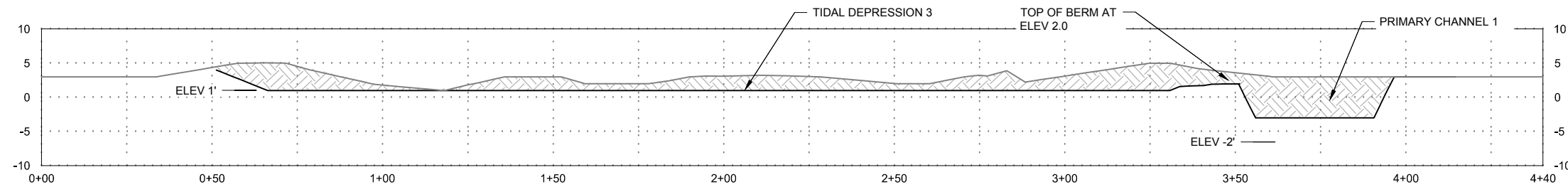
PROJECT NO. 32071		FILE NAME:		DRAWING NO. C33		SHT NO 35 OF --	
TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		PRELIMINARY - NOT FOR CONSTRUCTION		TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		DATE	
WINTER LAKE RESTORATION PROJECT		GUN CLUB TIDAL DEPRESSIONS PLAN		COQUILLE, OREGON		MARK DESCRIPTION	
THE NATURE CONSERVANCY 87200 RATHBONE RD. EUGENE, OR 97402		JAN 2015 DESIGNED		JAN 2015 DRAWN		JAN 2015 CHECKED	
		MAR		WTF		APPROVED	

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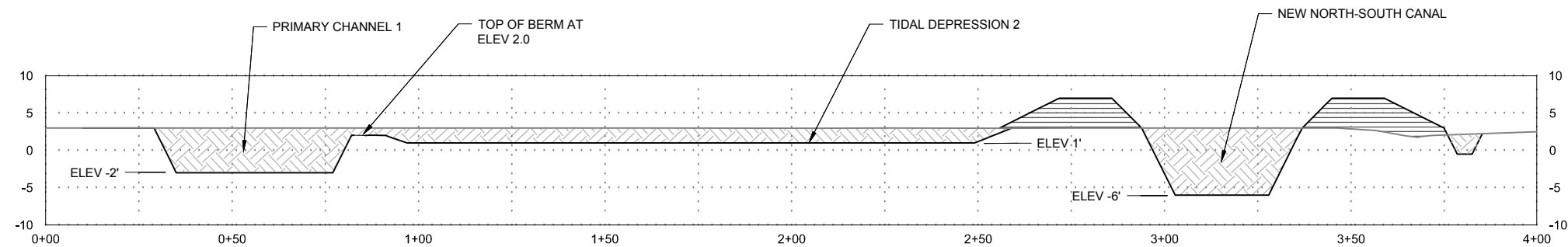
TIDAL DEPRESSION 4
SCALE: 1"=20'

4
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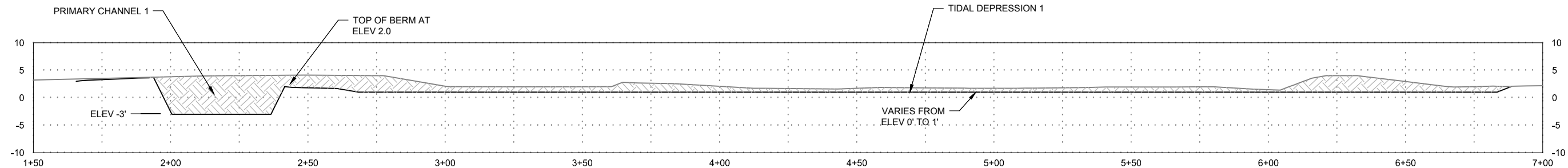
TIDAL DEPRESSION 3
SCALE: 1"=20'

3
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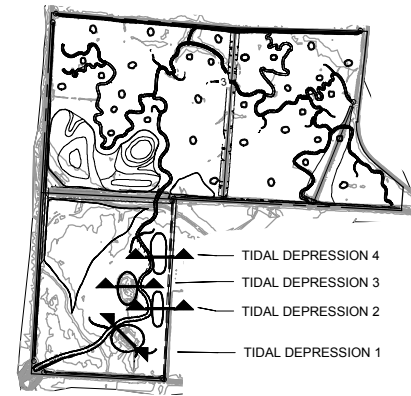
TIDAL DEPRESSION 2
SCALE: 1"=20'

2
—



TIDAL DEPRESSION 1
SCALE: 1"=20'

1
—



LEGEND

DATE	DESCRIPTION	MARK
JAN 2015	DESIGNED	TB/MM
JAN 2015	DRAWN	MAR
JAN 2015	CHECKED	WTF
	APPROVED	

PRELIMINARY - NOT
FOR CONSTRUCTION

TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-5388
(F) 503-228-8631



WINTER LAKE RESTORATION PROJECT
GUN CLUB TIDAL
DEPRESSIONS DETAILS
COQUILLE, OREGON

THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO. 32071
FILE NAME:
DRAWING NO. C34
SHT NO 36 OF --

90% DESIGN

F:\Projects\32071 Winter Lake\CAD\SheetFiles\C35.dwg 1/7/2015 RIVERO, MARIA

TIDAL DEPRESSION 1

CHANNEL				PROPOSED
STA	NOTES	NORTHING	EASTING	BTM ELEV
TD1-0	At Primary Channel, Tidal Depression 1	580295.57	3920274.59	1.0
TD1-50	Upstream End Primary Channel Opening	580318.94	3920318.47	1.0
TD1-100		580330.69	3920366.82	1.0
TD1-150	Midpoint North	580334.55	3920416.18	1.0
TD1-200		580332.91	3920466.04	1.0
TD1-250		580318.60	3920513.84	1.0
TD1-300	NE Corner	580296.45	3920558.27	1.0
TD1-350		580266.10	3920597.58	1.0
TD1-400		580226.32	3920627.12	1.0
TD1-450		580180.45	3920644.79	1.0
TD1-500	Midpoint East	580130.90	3920651.38	1.0
TD1-550		580082.45	3920638.93	1.0
TD1-600		580040.96	3920611.29	1.0
TD1-650	SE Corner	580006.69	3920575.69	1.0
TD1-700		579982.88	3920632.51	1.0
TD1-750		579967.36	3920484.98	1.0
TD1-800	Midpoint South	579957.17	3920436.16	1.0
TD1-850		579960.14	3920386.38	1.0
TD1-900		579971.21	3920337.96	1.0
TD1-950		579990.95	3920292.48	1.0
TD1-1000	SW Corner	580018.93	3920251.05	1.0
TD1-1050		580057.61	3920220.02	1.0
TD1-1100		580101.35	3920198.29	1.0
TD1-1150	Midpoint West	580150.63	3920189.82	1.0
TD1-1200		580198.97	3920198.13	1.0
TD1-1250		580242.86	3920220.28	1.0
TD1-1300	Downstream End Primary Channel Opening	580280.07	3920253.05	1.0

TIDAL DEPRESSION 2

CHANNEL				PROPOSED
STA	NOTES	NORTHING	EASTING	BTM ELEV
TD2-0	At Primary Channel, Tidal Depression 2	580625.70	3920784.12	1.0
TD2-50	Upstream End Primary Channel Opening	580675.29	3920785.28	1.0
TD2-100		580724.83	3920792.10	1.0
TD2-150	NW Corner	580774.48	3920799.87	1.0
TD2-200		580815.14	3920826.88	1.0
TD2-250	Midpoint North	580824.09	3920873.11	1.0
TD2-300		580793.93	3920908.89	1.0
TD2-350	NE Corner	580745.54	3920920.80	1.0
TD2-400		580695.91	3920926.85	1.0
TD2-450		580646.18	3920931.99	1.0
TD2-500	Midpoint East	580596.35	3920935.63	1.0
TD2-550		580546.35	3920935.42	1.0
TD2-600		580496.45	3920931.07	1.0
TD2-650	SE Corner	580446.84	3920925.77	1.0
TD2-700		580397.25	3920919.41	1.0
TD2-750		580349.92	3920904.38	1.0
TD2-800	Midpoint South	580326.83	3920863.87	1.0
TD2-850		580343.58	3920819.86	1.0
TD2-900		580387.21	3920797.88	1.0
TD2-950	SW Corner	580436.88	3920790.71	1.0
TD2-1000		580487.09	3920785.88	1.0
TD2-1050		580536.10	3920776.67	1.0
TD2-1100	Downstream End Primary Channel Opening	580586.42	3920782.91	1.0

TIDAL DEPRESSION 3

CHANNEL				PROPOSED
STA	NOTES	NORTHING	EASTING	BTM ELEV
TD3-0	At Primary Channel, Tidal Depression 3	580893.10	3920551.40	1.0
TD3-50	Downstream End Primary Channel Opening	580843.26	3920550.90	1.0
TD3-100		580794.09	3920542.51	1.0
TD3-150	SE Corner	580745.77	3920528.28	1.0
TD3-200		580701.93	3920505.19	1.0
TD3-250		580665.36	3920471.23	1.0
TD3-300	Midpoint South	580646.97	3920425.53	1.0
TD3-350		580657.03	3920377.32	1.0
TD3-400		580690.37	3920340.56	1.0
TD3-450	SW Corner	580732.48	3920313.92	1.0
TD3-500		580778.77	3920296.20	1.0
TD3-550		580828.42	3920286.21	1.0
TD3-600	Midpoint West	580878.05	3920282.89	1.0
TD3-650		580927.81	3920287.64	1.0
TD3-700		580976.60	3920297.41	1.0
TD3-750	NW Corner	581023.63	3920313.83	1.0
TD3-800		581065.98	3920340.41	1.0
TD3-850		581098.21	3920378.01	1.0
TD3-900	Midpoint North	581107.89	3920424.87	1.0
TD3-950		581089.56	3920470.01	1.0
TD3-1000		5841054.24	3920504.91	1.0
TD3-1050	NE Corner	581010.25	3920528.39	1.0
TD3-1100		580962.61	3920543.28	1.0
TD3-1150	Upstream End Primary Channel Opening	580913.28	3920550.65	1.0

TIDAL DEPRESSION 4

CHANNEL				PROPOSED
STA	NOTES	NORTHING	EASTING	BTM ELEV
TD4-0	At Primary Channel, Tidal Depression 4	581363.34	3920773.52	1.0
TD4-50	Upstream End Primary Channel Opening	581412.04	3920765.50	1.0
TD4-100		581461.95	3920763.05	1.0
TD4-150		581511.77	3920762.32	1.0
TD4-200		581561.15	3920770.53	1.0
TD4-250		581605.96	3920791.73	1.0
TD4-300	NW Corner	581648.90	3920817.22	1.0
TD4-350		581674.10	3920858.22	1.0
TD4-400		581672.79	3920907.42	1.0
TD4-450	Midpoint North	581641.37	3920944.17	1.0
TD4-500		581595.96	3920963.67	1.0
TD4-550		581548.05	3920976.33	1.0
TD4-600		581497.36	3920979.10	1.0
TD4-650	NE Corner	581397.82	3920973.63	1.0
TD4-700		581297.98	3920970.39	1.0
TD4-750		581348.07	3920977.63	1.0
TD4-800	Midpoint East	581298.10	3920975.89	1.0
TD4-850		581248.20	3920972.82	1.0
TD4-900		581198.17	3920968.58	1.0
TD4-950		581149.80	3920967.22	1.0
TD4-1000	SE Corner	581109.35	3920929.00	1.0
TD4-1050		581093.16	3920882.84	1.0
TD4-1100		581106.48	3920836.44	1.0
TD4-1150	Midpoint South	581143.46	3920805.34	1.0
TD4-1200		581192.26	3920803.54	1.0
TD4-1250		518242.33	3920803.25	1.0
TD4-1300	SW Corner	581291.33	3920793.70	1.0
TD4-1350	Downstream End Primary Channel Opening	581339.77	3920781.36	1.0

TE/WM
DESIGNED

MAR
DRAWN

JAN 2015

JAN 2015

JAN 2015

WTF
CHECKED

APPROVED

MARK

DESCRIPTION

DATE



THE NATURE CONSERVANCY

Protecting nature. Preserving life.®

87200 RATHBONE RD.
EUGENE, OR 97402

WINTER LAKE RESTORATION PROJECT

GUN CLUB TIDAL DEPRESSIONS
LAYOUT COORDINATES

COQUILLE, OREGON

TETRA TECH, INC.
1020 SW Taylor Street
Suite 530
Portland, OR 97205
(P) 503-223-6388
(F) 503-228-8631



PRELIMINARY - NOT
FOR CONSTRUCTION

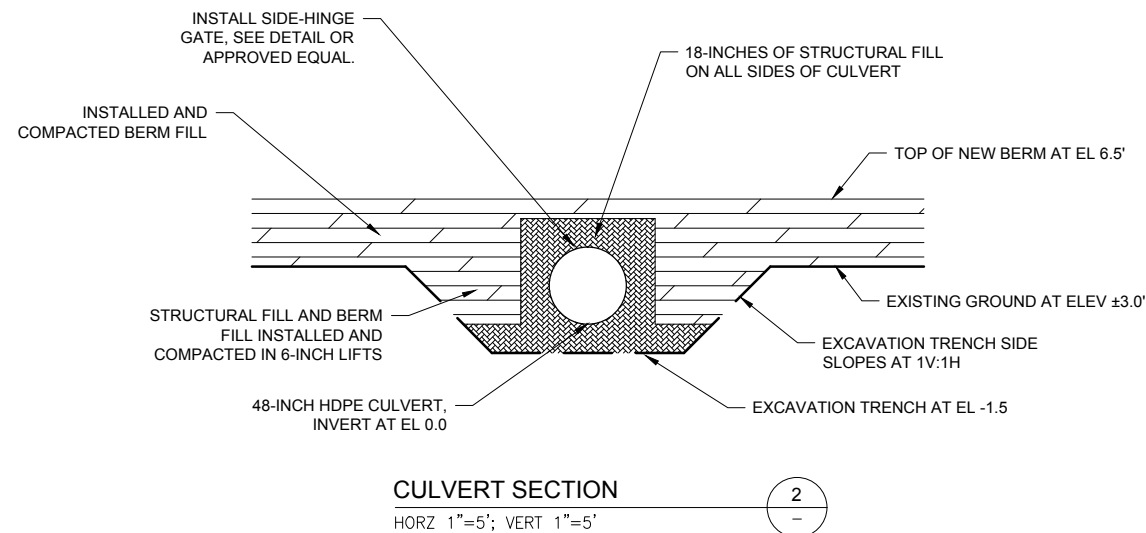
PROJECT NO.
32071

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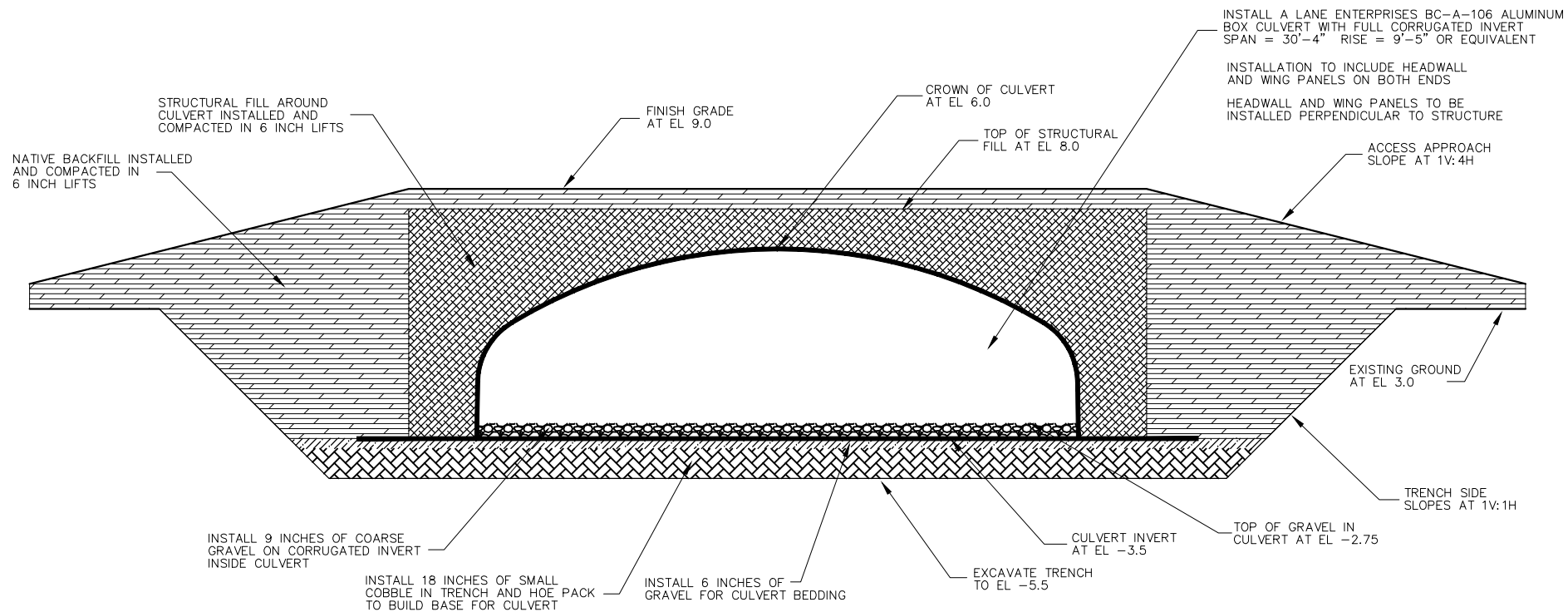
DRAWING NO.
C35

SHT
NO 37 OF --

90% DESIGN



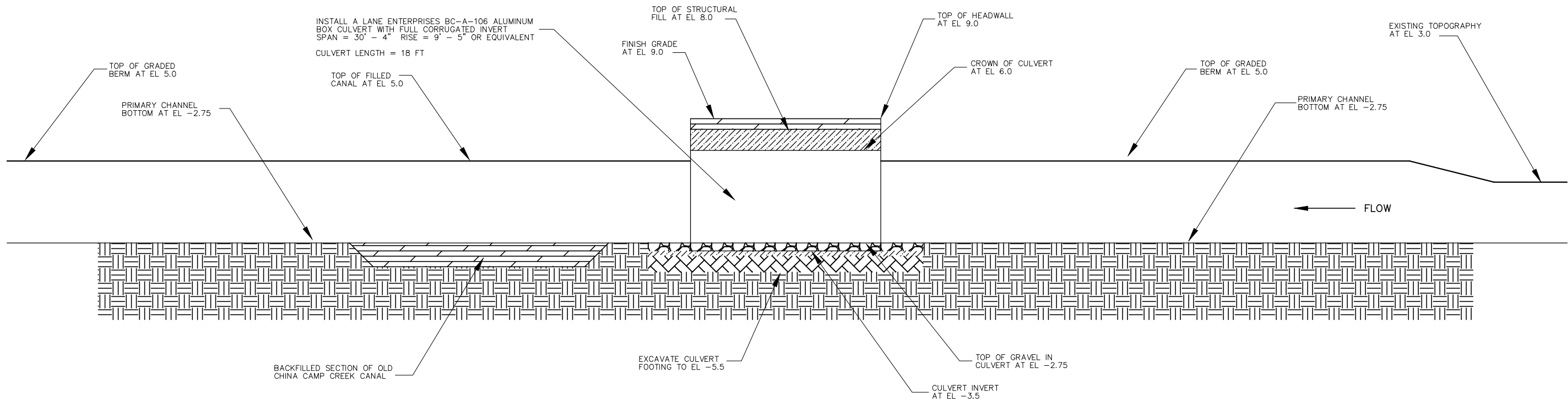
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ODFW CULVERT SECTION
IN PRIMARY CHANNEL

HORZ 1"=4'; VERT 1"=4'

1
—



ODFW CULVERT PROFILE
IN PRIMARY CHANNEL

HORZ 1"=5'; VERT 1"=5'

1
—

90% DESIGN

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WINTER LAKE RESTORATION PROJECT

ACCESS BRIDGE SECTION
AND PROFILE

COQUILLE, OREGON



THE NATURE CONSERVANCY
87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO.

32071

FILE NAME:

DRAWING NO.

C37

SHT

NO

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OF

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TB/MM

DESIGNED

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JAN 2015

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MARK

DESCRIPTION

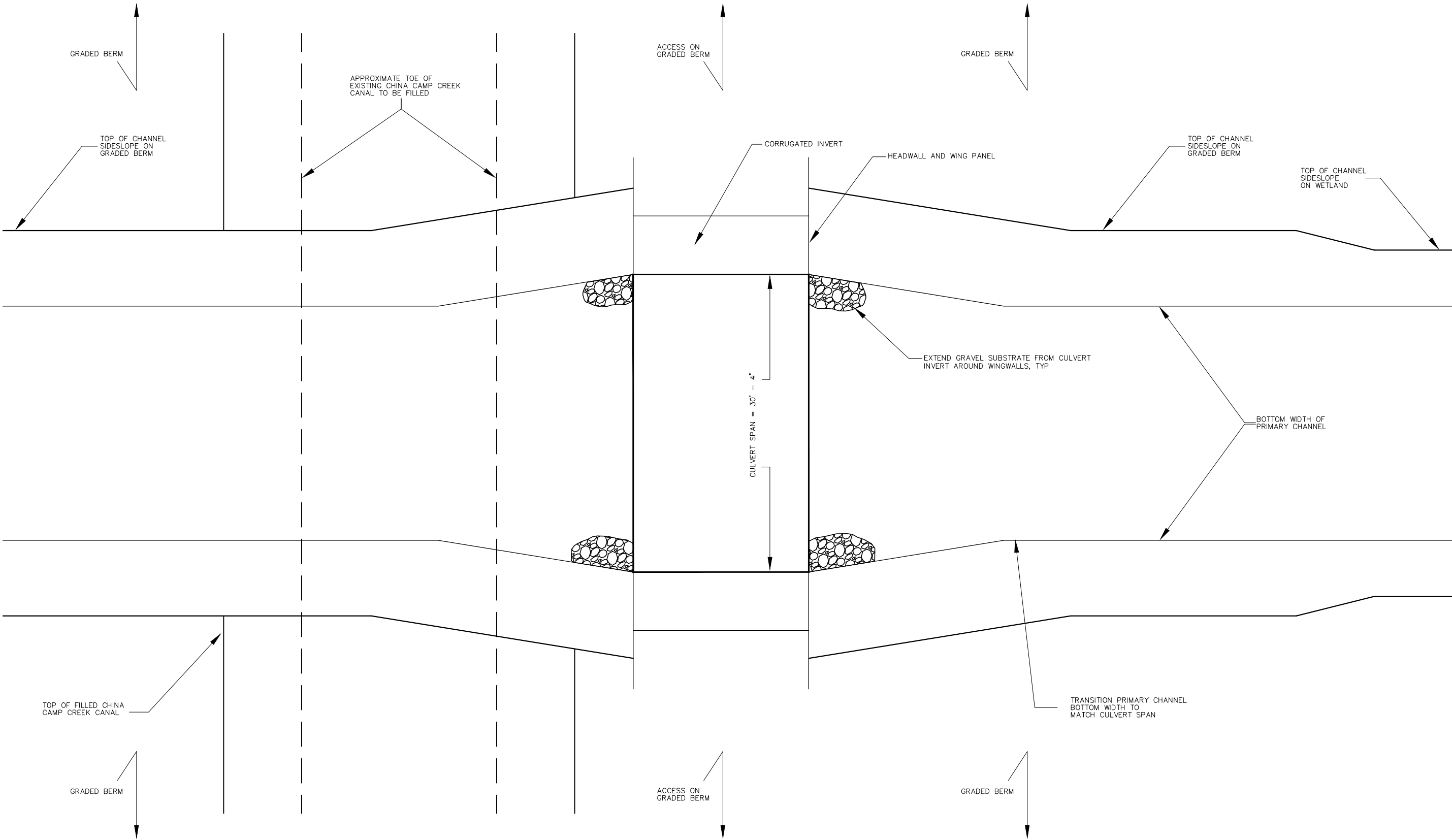
P:\Projects\32071 Winter Lake\CAD\SheetFiles\C38.dwg 1/28/2015 RIVERO, MARIA

ODFW CULVERT PLAN VIEW
IN PRIMARY CHANNEL

HORZ 1"=5'; VERT 1"=5'

1
—

90% DESIGN



PROJECT NO. 32071		DRAWING NO. C38		SHT NO 40 OF --	
FILE NAME:		DRAWN MAR 2015		CHECKED JAN 2015	
THE NATURE CONSERVANCY Protecting nature. Preserving life. THE NATURE CONSERVANCY 87200 RATHBONE RD. EUGENE, OR 97402		TETRA TECH, INC. 1020 SW Taylor Street Suite 530 Portland, OR 97205 (P) 503-223-5388 (F) 503-228-8631		DATE	
WINTER LAKE RESTORATION PROJECT		ACCESS BRIDGE PLAN VIEW		COQUILLE, OREGON	
PRELIMINARY - NOT FOR CONSTRUCTION		DESIGNED JAN 2015		APPROVED JAN 2015	
MARK		DESCRIPTION		DATE	

P:\Projects\32071 Winter Lake\CAD\SheetFiles\C39.dwg 1/28/2015 RIVERO, MARIA



VEGETATION MOUND LAYOUT

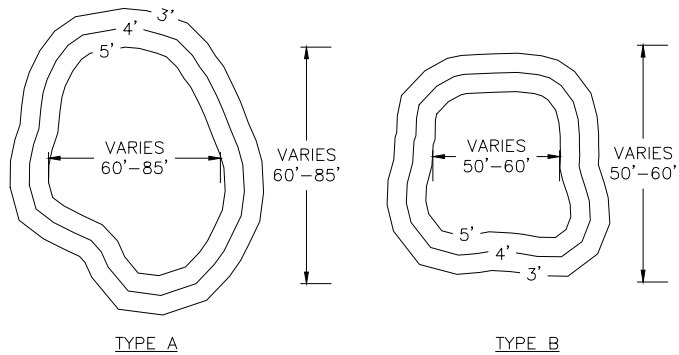
VEGETATION MOUNDS COORDINATES:

MOUND NUMBER	NORTHING	EASTING	TYPE
1	584658.47	3919918.56	A
2	584622.36	3920758.30	A
3	584131.21	3920489.57	A
4	583824.26	3919459.02	A
5	583715.08	3920337.42	A
6	583635.51	3921451.62	A
7	583040.25	3921375.54	A
8	583007.59	3922113.19	A
9	582445.59	3921679.75	A
10	582422.98	3922520.44	A
11	582382.62	3923572.34	A
12	583192.29	3922719.50	A
13	584416.87	3923098.42	A
14	584246.94	3922130.17	A
15	584516.06	3921741.27	A
16	584164.84	3923641.57	A

MOUND NUMBER	NORTHING	EASTING	TYPE
17	584198.95	3919771.19	B
18	583982.86	3920039.39	B
19	583263.54	3920325.91	B
20	583141.56	3920176.84	B
21	583336.48	3920712.70	B
22	584253.17	3921323.65	B
23	584180.68	3921638.95	B
24	584245.82	3922553.50	B
25	583945.36	3923221.14	B
26	583707.80	3923391.58	B
27	583453.60	3922873.84	B
28	583044.08	3923189.48	B
29	583065.43	3923517.46	B
30	582717.51	3923017.32	B
31	583552.94	3922116.96	B
32	583792.92	3922758.32	B

NOTE:

- NORTHING AND EASTING COORDINATES LISTED ABOVE ARE LOCATED AT THE CENTER POINT OF THE MOUNDS.

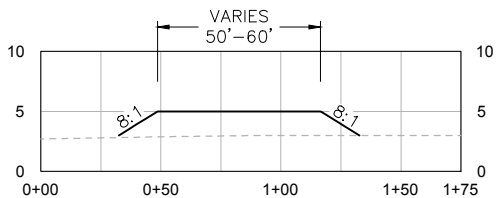


VEGETATION MOUND PLAN

HORZ 1"=5'; VERT 1"=5'

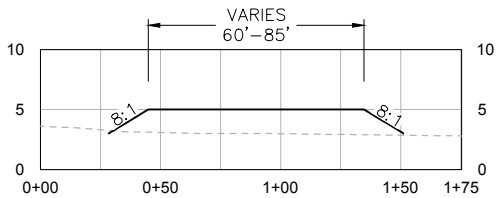
NOTE:

- MOUNDS ARE TO BE BUILT WITH NATURAL RANDOM SHAPES. SHAPES SHOWN ARE FOR GUIDANCE ONLY. NO CORNERS OR SHARP ANGLES.
- VEGETATION MOUNDS ARE TO HAVE APPROX 5,000 SQ FT AREAS BETWEEN ELEV 4.5'-6.0'.



VEGETATION MOUND SECTION 1

HORZ 1"=5'; VERT 1"=5'



VEGETATION MOUND SECTION 2

HORZ 1"=5'; VERT 1"=5'

90% DESIGN

DESIGNED	JAN 2015	DATE	
DRAWN	MAR 2015	MARK	
CHECKED	JAN 2015	DESCRIPTION	
APPROVED			

PRELIMINARY - NOT FOR CONSTRUCTION

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WINTER LAKE RESTORATION PROJECT

VEGETATION MOUNDS DETAILS AND COORDINATE TABLE

COQUILLE, OREGON

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87200 RATHBONE RD.
EUGENE, OR 97402

PROJECT NO.
32071

FILE NAME:

DRAWING NO.
C39

SHT NO 41 OF --