

Application No. 8634A

Name of Applicant Wickliff and Company

Effective Date December 4, 1984

Expiration Date (If applicable) _____

DEPARTMENT OF THE ARMY
SACRAMENTO DISTRICT, CORPS OF ENGINEERS
650 CAPITOL MALL
SACRAMENTO, CALIFORNIA 95814

DEPARTMENT OF THE ARMY
PERMIT

4027396

Referring to written request dated September 26, 1984 for a permit to:

~~() Perform work in or affecting navigable waters of the United States, upon the recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of March 3, 1899 (33 U.S.C. 403);~~

Discharge dredged or fill material into waters of the United States upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344);

~~() Transport dredged material for the purpose of dumping it into ocean waters upon the issuance of a permit from the Secretary of the Army acting through the Chief of Engineers pursuant to Section 109 of the Marine Protection, Research and Sanctuaries Act of 1972 (36 Stat. 1032, P.L. 92-532);~~

Wickliff and Company, 303 East 17th Avenue, Suite 1110, Denver, Colorado 80203, _____

is hereby authorized by the Secretary of the Army:

to place 2,565 cubic yards of riprap, 1,970 cubic yards of rock for gabion construction, and 927 cubic yards of concrete for drop structure construction, _____

in Little Cottonwood Creek, _____

at a location between 1300 East and the access ramp to Interstate 215, within Section 29, Township 2 South, Range 1 East, Salt Lake County, Utah, _____

in accordance with the plans and drawings attached hereto which are incorporated in and made a part of this permit (on drawings, give file number or other definite identification marks.)

"Proposed Stream Improvement for Little Cottonwood Creek", dated September 27, 1984, thirteen sheets, _____

subject to the following conditions:

I. General Conditions:

a. That all activities identified and authorized herein shall be consistent with the terms and conditions of this permit; and that any activities not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this permit which may result in the modification, suspension or revocation of this permit, in whole or in part, as set forth more specifically in General Conditions j or k hereto, and in the institution of such legal proceedings as the United States Government may consider appropriate, whether or not this permit has been previously modified, suspended or revoked in whole or in part.

b. That all activities authorized herein shall, if they involve, during their construction or operation, any discharge of pollutants into waters of the United States or ocean waters, be at all times consistent with applicable water quality standards, effluent limitations and standards of performance, prohibitions, pretreatment standards and management practices established pursuant to the Clean Water Act (33 U.S.C. 1344), the Marine Protection, Research and Sanctuaries Act of 1972 (P.L. 92-532, 86 Stat. 1052), or pursuant to applicable State and local law.

c. That when the activity authorized herein involves a discharge during its construction or operation, or any pollutant (including dredged or fill material), into waters of the United States, the authorized activity shall, if applicable water quality standards are revised or modified during the term of this permit, be modified, if necessary, to conform with such revised or modified water quality standards within 6 months of the effective date of any revision or modification of water quality standards, or as directed by an implementation plan contained in such revised or modified standards, or within such longer period of time as the District Engineer, in consultation with the Regional Administrator of the Environmental Protection Agency, may determine to be reasonable under the circumstances.

d. That the discharge will not destroy a threatened or endangered species as identified under the Endangered Species Act, or endanger the critical habitat of such species.

e. That the permittee agrees to make every reasonable effort to prosecute the construction or operation of the work authorized herein in a manner so as to minimize any adverse impact on fish, wildlife, and natural environmental values.

f. That the permittee agrees that he will prosecute the construction or work authorized herein in a manner so as to minimize any degradation of water quality.

g. That the permittee shall allow the District Engineer or his authorized representative(s) or designee(s) to make periodic inspections at any time deemed necessary in order to assure that the activity being performed under authority of this permit is in accordance with the terms and conditions prescribed herein.

h. That the permittee shall maintain the structure or work authorized herein in good condition and in reasonable accordance with the plans and drawings attached hereto.

i. That this permit does not convey any property rights, either in real estate or material, or any exclusive privileges; and that it does not authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations.

j. That this permit does not obviate the requirement to obtain state or local assent required by law for the activity authorized herein.

k. That this permit may be either modified, suspended or revoked in whole or in part pursuant to the policies and procedures of 33 CFR 325.7.

l. That in issuing this permit, the Government has relied on the information and data which the permittee has provided in connection with his permit application. If, subsequent to the issuance of this permit, such information and data prove to be materially false, materially incomplete or inaccurate, this permit may be modified, suspended or revoked, in whole or in part, and/or the Government may, in addition, institute appropriate legal proceedings.

m. That any modification, suspension, or revocation of this permit shall not be the basis for any claim for damages against the United States.

n. That the permittee shall notify the District Engineer at what time the activity authorized herein will be commenced, as far in advance of the time of commencement as the District Engineer may specify, and of any suspension of work, if for a period of more than one week, resumption of work and its completion.

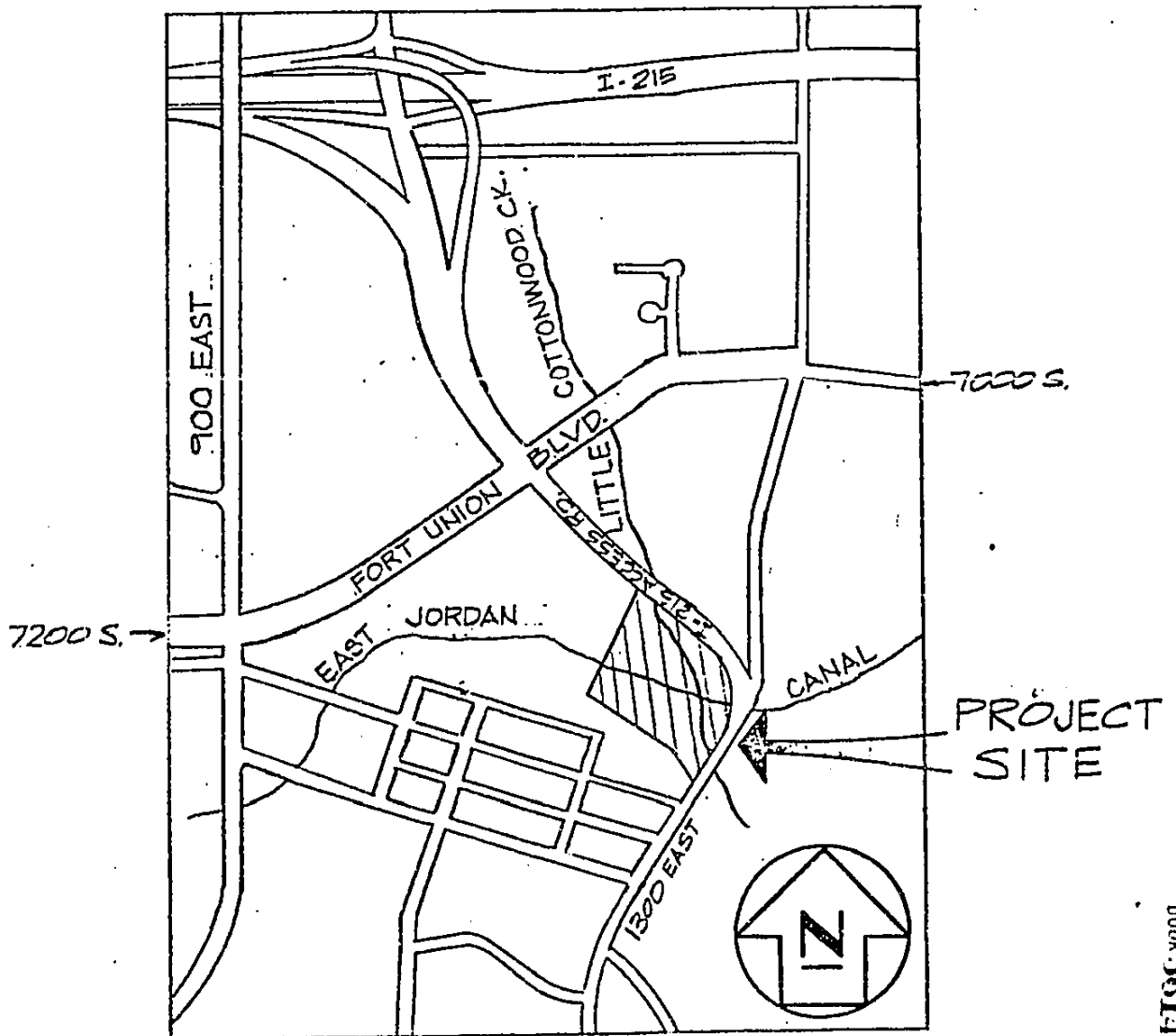
o. That if the activity authorized herein is not completed on or before 30th day of Nov., 1987, (three years from the date of issuance of this permit unless otherwise specified) this permit, if not previously revoked or specifically extended, shall automatically expire.

p. That this permit does not authorize or approve the construction of particular structures, the authorization or approval of which may require authorization by the Congress or other agencies of the Federal Government.

q. That if and when the permittee desires to abandon the activity authorized herein, unless such abandonment is part of a transfer procedure by which the permittee is transferring his interests herein to a third party pursuant to General Condition t hereof, he must restore the area to a condition satisfactory to the District Engineer.

r. That if the recording of this permit is possible under applicable State or local law, the permittee shall take such action as may be necessary to record this permit with the Register of Deeds or other appropriate official charged with the responsibility for maintaining records of title to and interests in real property.

No. 8634A



VICINITY MAP

BOOK 5614 PAGE 1322

ELEV. DATUM: U.S. GEOLOGICAL SURVEY

HWL = HIGH WATER LEVEL
CB = CHANNEL BOTTOM ELEV.

0 500' 1000' 1500' 2000'

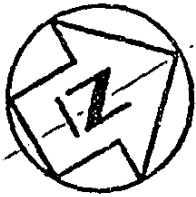
GRAPHIC SCALE

REF: SLC MAP

PROPOSED STREAM IMPROVEMENT	
FOR LITTLE COTTONWOOD CREEK	
COUNTY OF SALT LAKE	STATE OF UTAH
APPLICATION BY WICKLIFF AND CO.	
SHT. 1 OF 13	DATE 9-27-84

RECEIVED NOV 1 1984

No. 8634A



SCALE 1"=40'



HWL=57.8
CB=48.6

EXISTING CREEK ALIGNMENT

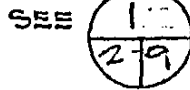
FUTURE BRIDGE



HWL=57.8
CB=50.4

HWL=58.3
CB=52.1

DROP STRUCTURE #1 ELEV.



DROP (4:05)



HWL=62.9
CB=57.1

BOTT. CHORD
EL.=62.5

1300 E. ST.

PLAN

EXISTING DRAINAGE STRUCTURE

MATCH LINE SEE SHT. #3

BOOK 5614 PAGE 1323

PROPOSED STREAM IMPROVEMENT

FOR LITTLE COTTONWOOD CREEK

COUNTY OF SALT LAKE STATE OF UTAH

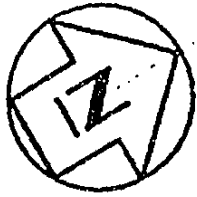
APPLICATION BY WICKLIFF AND CO.

SHT 2 OF 13

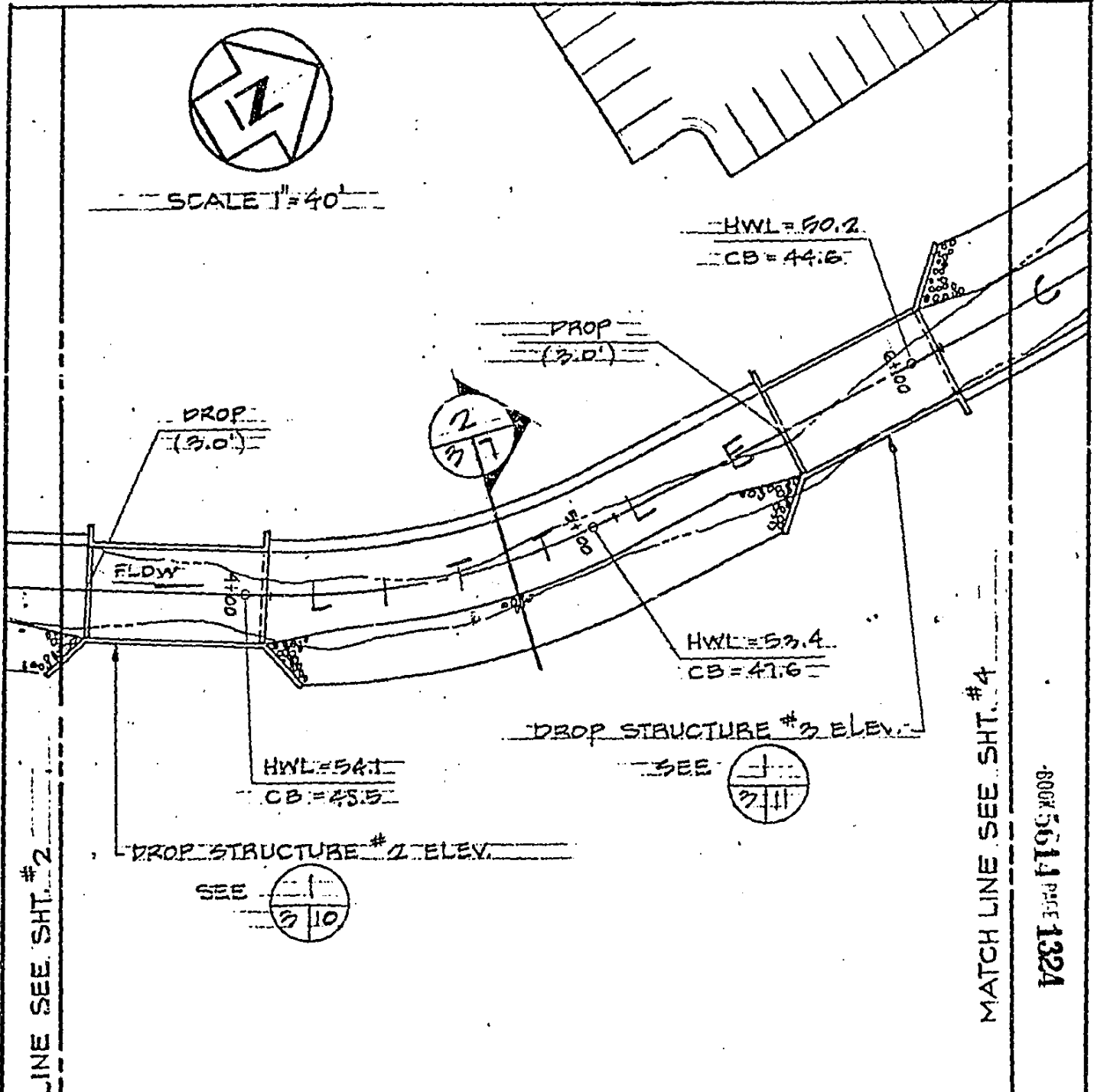
DATE 9-27-84

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No. 8634A



SCALE 1" = 40'



MATCH LINE SEE SHT. # 2

MATCH LINE SEE SHT. # 4

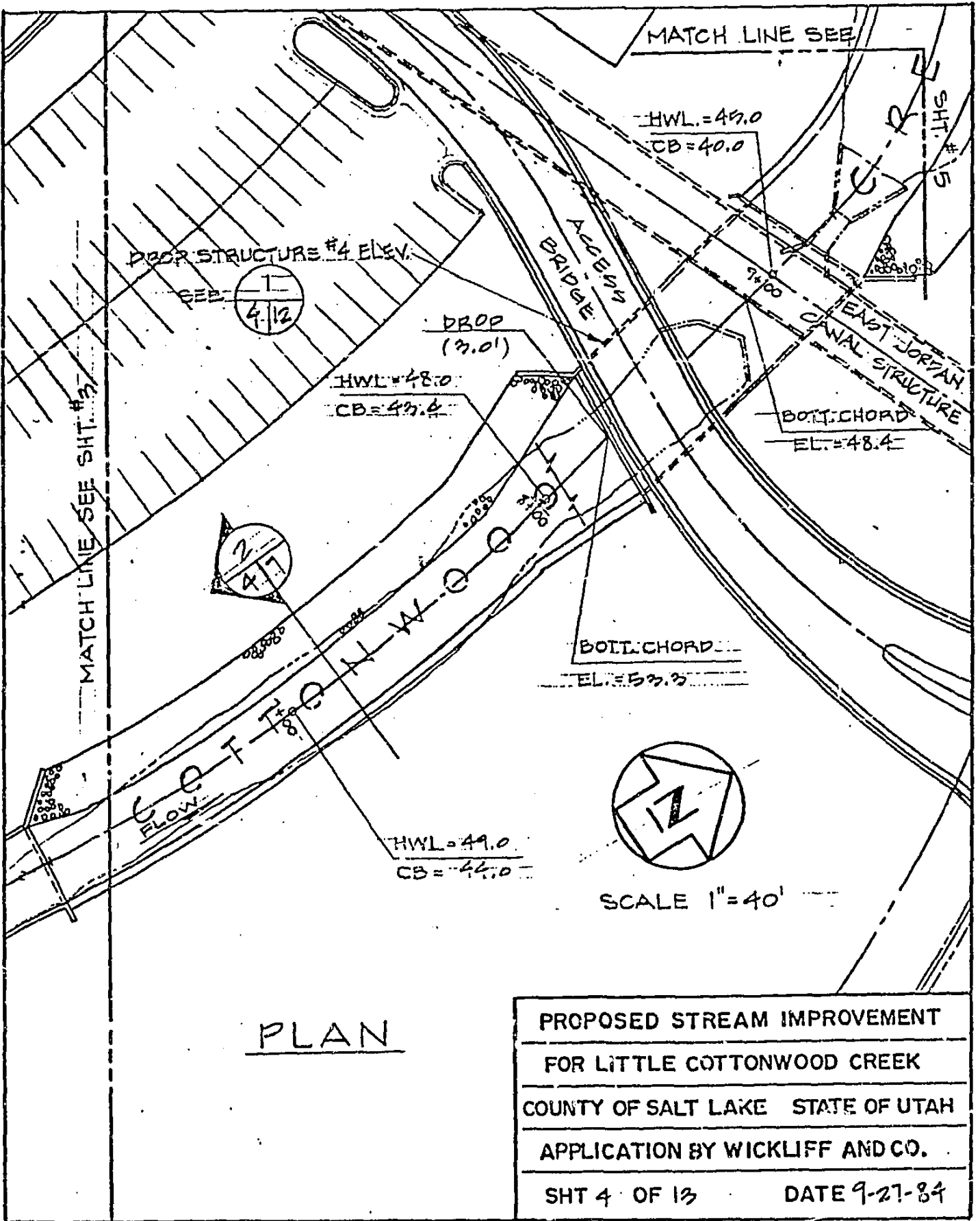
8007 5614 PAGE 1324

PROPOSED STREAM IMPROVEMENT
FOR LITTLE COTTONWOOD CREEK
COUNTY OF SALT LAKE STATE OF UTAH
APPLICATION BY WICKLIFF AND CO.
SHT 3 OF 13 DATE 9-27-84

PLAN

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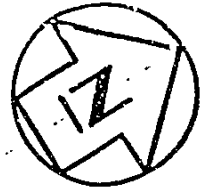
PLAN

PROPOSED STREAM IMPROVEMENT
FOR LITTLE COTTONWOOD CREEK
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APPLICATION BY WICKLIFF AND CO.
SHT 4 OF 13 DATE 9-27-84

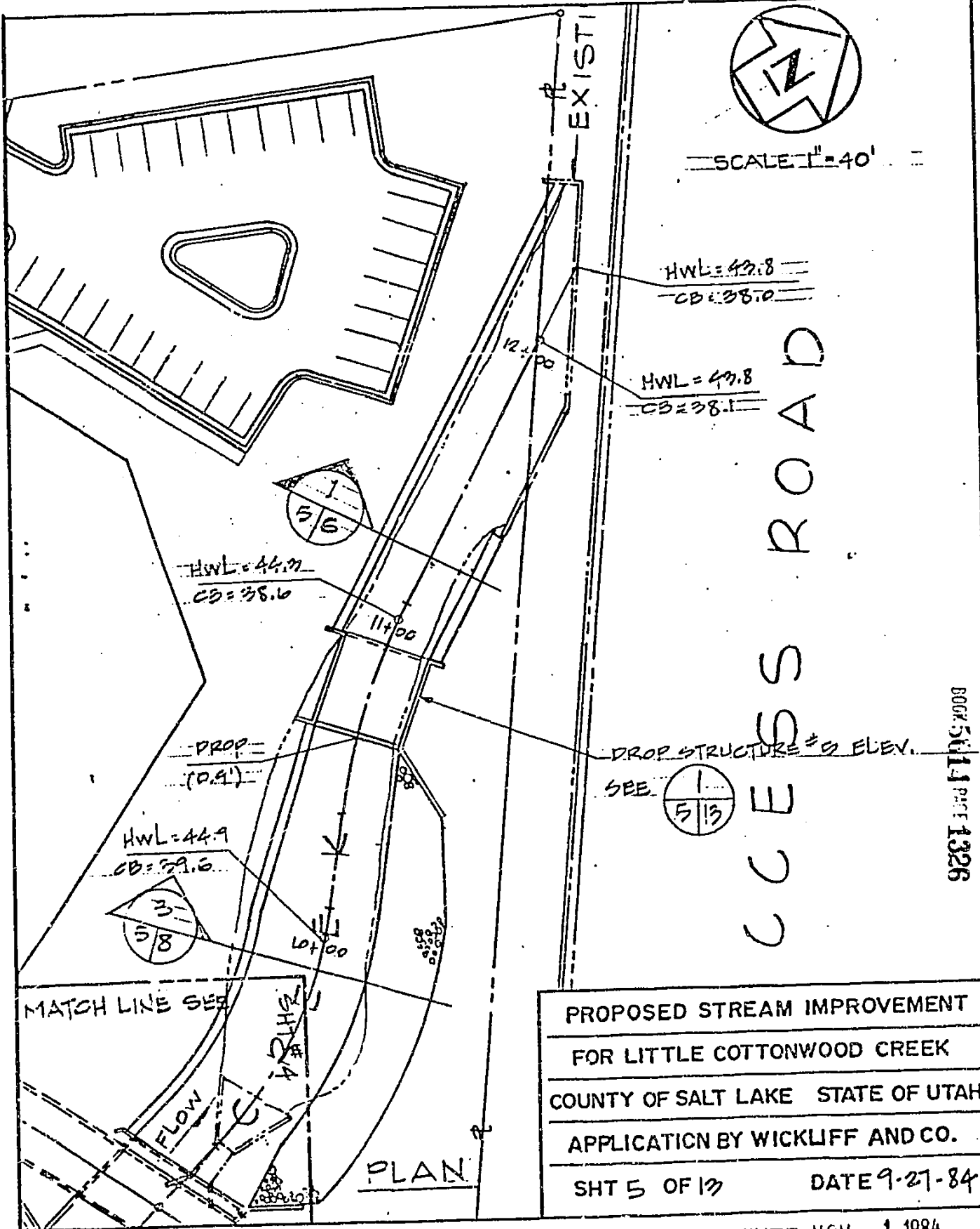
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No. 8634A



SCALE 1" = 40'



ACCESS ROAD

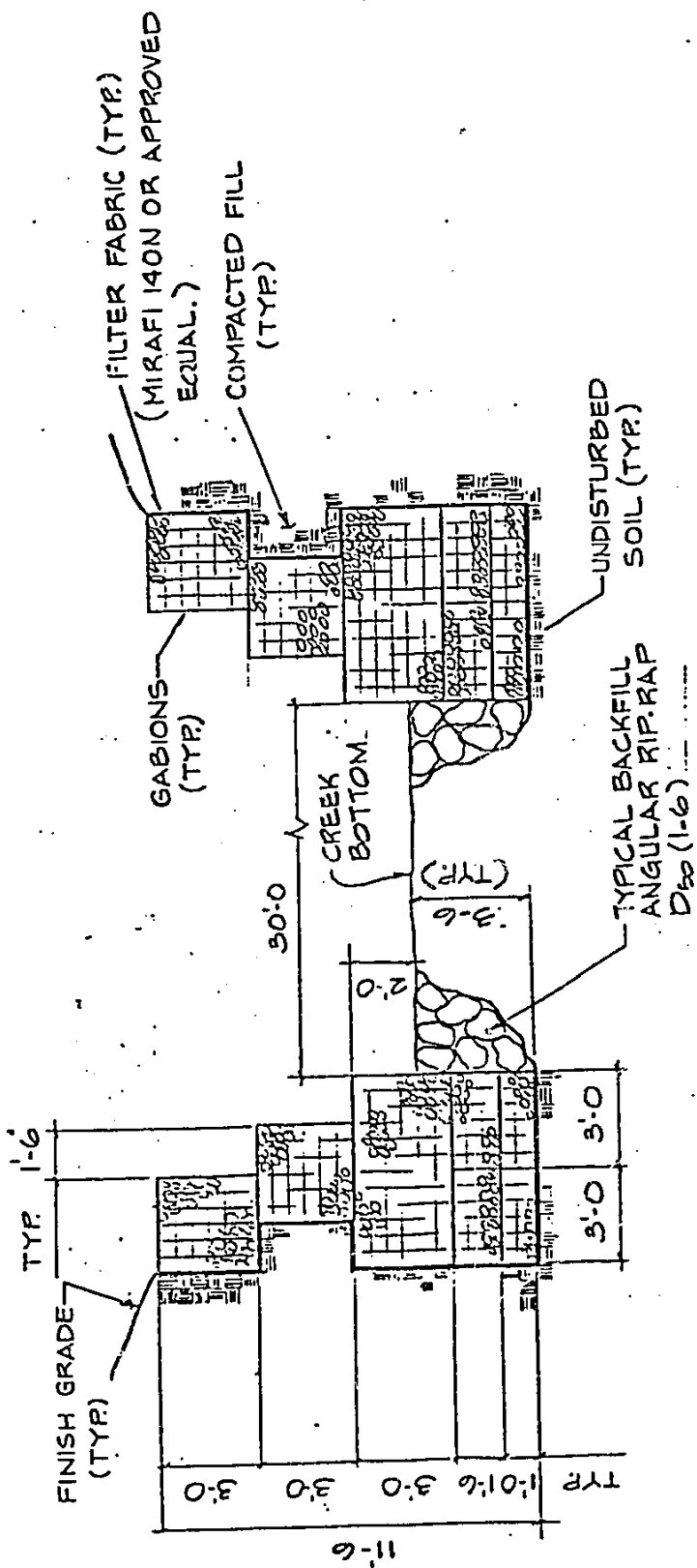
DROP STRUCTURE TO ELEV.



BOOK 5014 PAGE 1326

PROPOSED STREAM IMPROVEMENT
FOR LITTLE COTTONWOOD CREEK
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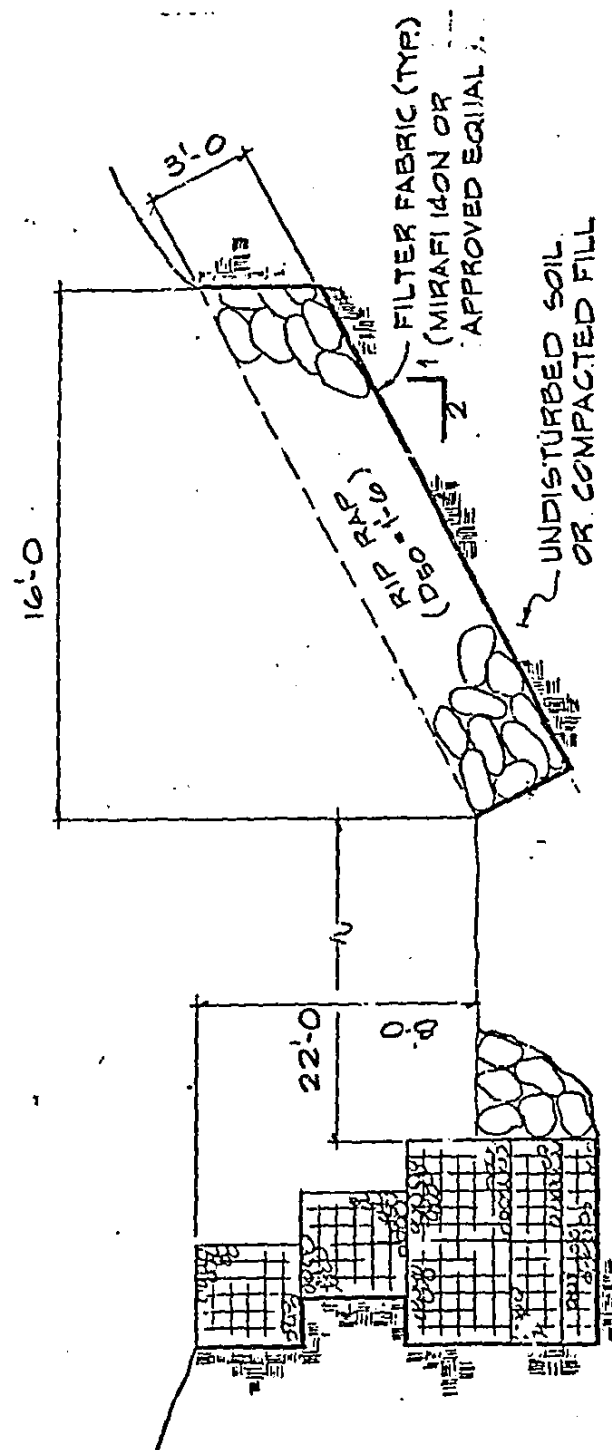
SECTION
NTS
2.5/6

PROPOSED STREAM IMPROVEMENT
 FOR LITTLE COTTONWOOD CREEK
 COUNTY OF SALT LAKE STATE OF UTAH
 APPLICATION BY WICKLIFF AND CO.
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SECTION 2-2

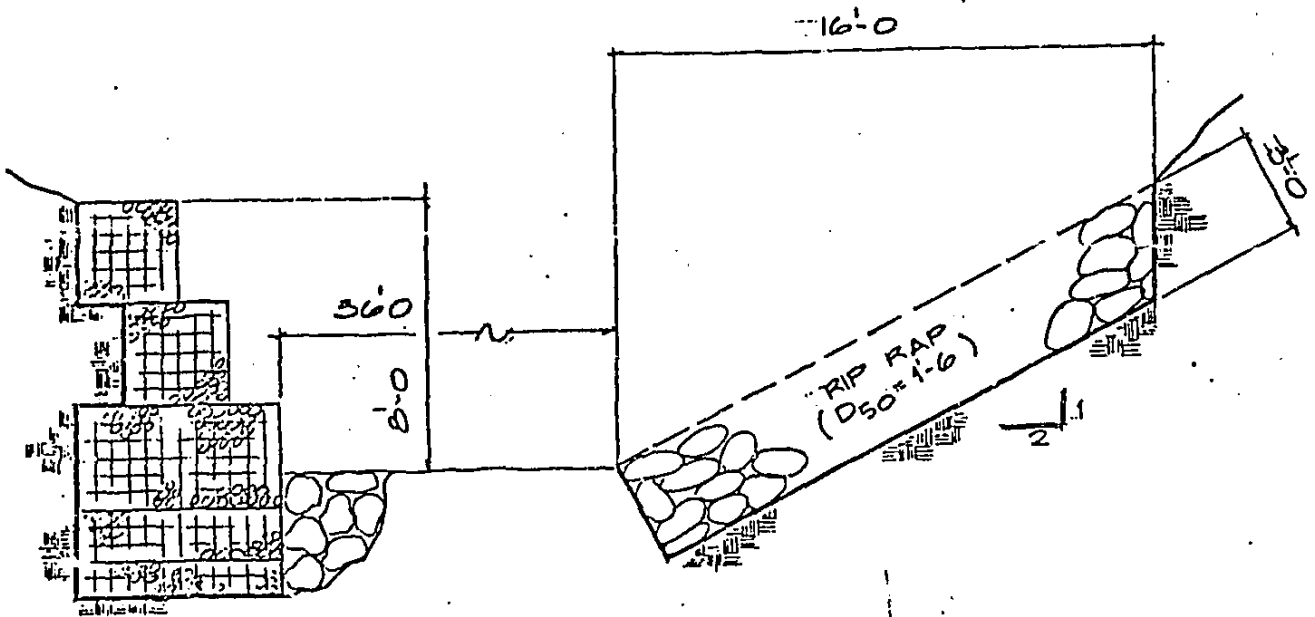
NTS

BOOK 5611 PAGE 1328

PROPOSED STREAM IMPROVEMENT	
FOR LITTLE COTTONWOOD CREEK	
COUNTY OF SALT LAKE STATE OF UTAH	
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SECTION

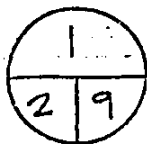
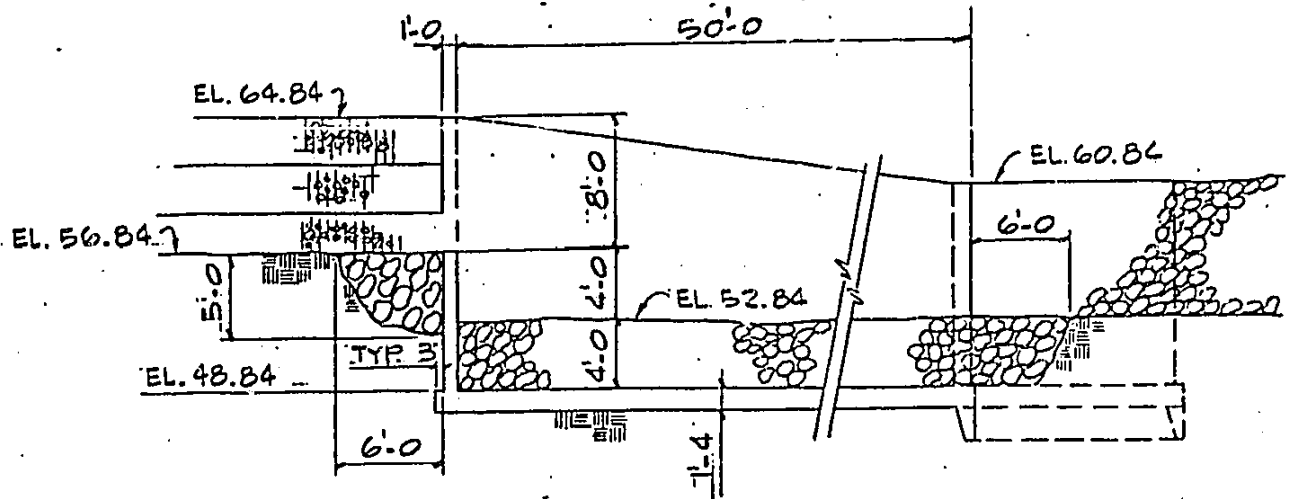
NTS

BOOK 56,14 PAGE 1329

PROPOSED STREAM IMPROVEMENT	
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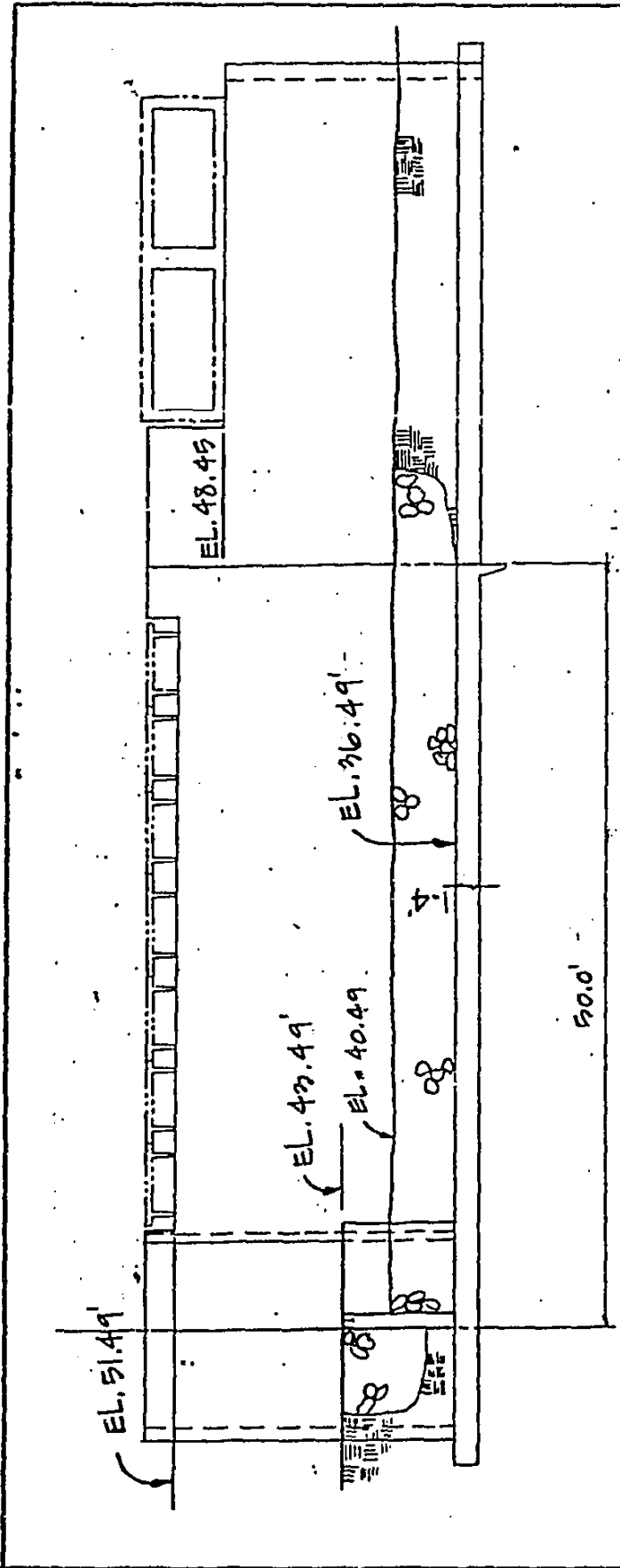
ELEV. DROP STRUCTURE N^o 1

NTS

BOOK 5614 PAGE 1330

PROPOSED STREAM IMPROVEMENT	
FOR LITTLE COTTONWOOD CREEK	
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SHT 9 OF 13	DATE 9-27-84

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1
4 | 2

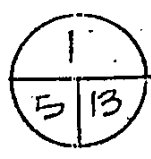
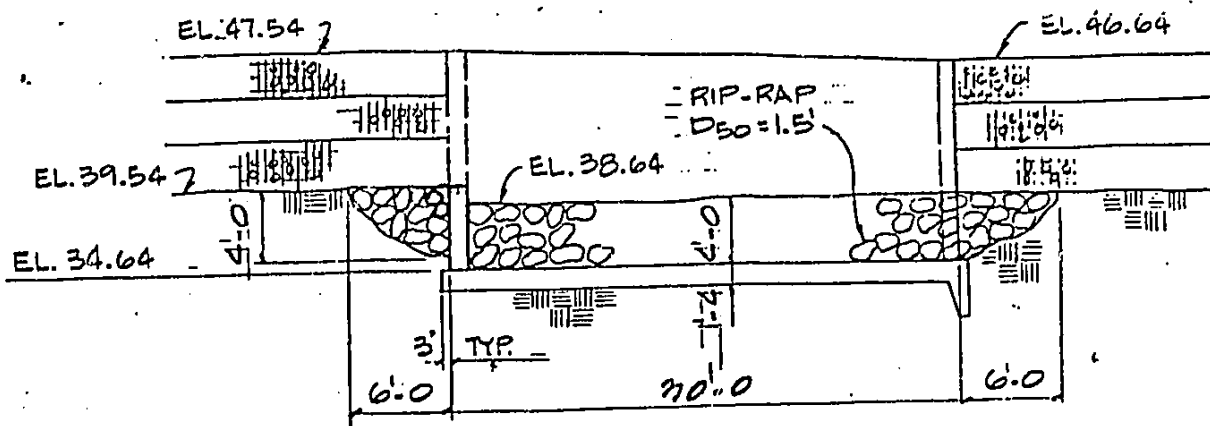
ELEV. DROP STRUCTURE No 4
NTS

BOOK 5614 PAGE 1333

PROPOSED STREAM IMPROVEMENT	
FOR LITTLE COTTONWOOD CREEK	
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ELEV. DROP STRUCTURE No. 5

NTS

BOOK 5614 PAGE 1334

PROPOSED STREAM IMPROVEMENT	
FOR LITTLE COTTONWOOD CREEK	
COUNTY OF SALT LAKE STATE OF UTAH	
APPLICATION BY WICKLIFF AND CO.	
SHT 13 OF 13	DATE 9-27-84

RECEIVED NOV 1 1984

s. That there shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein.

t. That this permit may not be transferred to a third party without prior written notice to the District Engineer, either by the transferee's written agreement to comply with all terms and conditions of this permit or by the transferee subscribing to this permit in the space provided below and thereby agreeing to comply with all terms and conditions of this permit. In addition, if the permittee transfers the interests authorized herein by conveyance of realty, the deed shall reference this permit and the terms and conditions specified herein and this permit shall be recorded along with the deed with the Register of Deeds or other appropriate official.

u. That if the permittee during prosecution of the work authorized herein, encounters a previously unidentified archeological or other cultural resource within the area subject to Department of the Army jurisdiction that might be eligible for listing in the National Register of Historic Places, he shall immediately notify the district engineer.

II. Special Conditions: (Here list conditions relating specifically to the proposed structure or work authorized by this permit):

a. That a plan showing drainage patterns of the project site, location and capacities of catch basins, and identification of temporary and permanent sediment control structures be prepared and submitted to the Corps of Engineers for approval prior to construction.

b. That precautions be taken to protect existing vegetation, and, where woody vegetation is lost due to gabion and riprap placement, equivalent vegetation shall be planted. Cottonwood trees and willow shoots are recommended.

c. That precautions be taken to prevent entry of spilled petroleum products or other deleterious substances into Little Cottonwood Creek to protect water quality.

d. That the new channel bottom shall be lined with parent cobble material and compacted to reduce bottom scour and undercutting of bank stabilization material.

BOOK 5614 PAGE 1335
KATIE R. DIXON
RECORDER
SALT LAKE COUNTY,
UTAH

DEC 13 2 01 PM '84

2000
Department of the Army

REG. OF
Regulation File
Bachelone Paper

U. S. Army Engineer District,
Sacramento

Other Regulatory
and Capital Work
Sacramento, California
95814

The following Special Conditions will be applicable when appropriate:

STRUCTURES IN OR AFFECTING NAVIGABLE WATERS OF THE UNITED STATES:

a. That this permit does not authorize the interference with any existing or proposed Federal project and that the permittee shall not be entitled to compensation for damage or injury to the structures or work authorized herein which may be caused by or result from existing or future operations undertaken by the United States in the public interest.

b. That no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized by this permit.

c. That if the display of lights and signals on any structure or work authorized herein is not otherwise provided for by law, such lights and signals as may be prescribed by the United States Coast Guard shall be installed and maintained by and at the expense of the permittee.

d. That the permittee, upon receipt of a notice of revocation of this permit or upon its expiration before completion of the authorized structure or work, shall, without expense to the United States and in such time and manner as the Secretary of the Army or his authorized representative may direct, restore the waterway to its former conditions. If the permittee fails to comply with the direction of the Secretary of the Army or his authorized representative, the Secretary or his designee may restore the waterway to its former condition, by contract or otherwise, and recover the cost thereof from the permittee.

e. Structures for Small Boats: That permittee hereby recognizes the possibility that the structure permitted herein may be subject to damage by wave wash from passing vessels. The issuance of this permit does not relieve the permittee from taking all proper steps to insure the integrity of the structure permitted herein and the safety of boats moored thereto from damage by wave wash and the permittee shall not hold the United States liable for any such damage.

MAINTENANCE DREDGING:

a. That when the work authorized herein includes periodic maintenance dredging, it may be performed under this permit for _____ years from the date of issuance of this permit (ten years unless otherwise indicated);

b. That the permittee will advise the District Engineer in writing at least two weeks before he intends to undertake any maintenance dredging.

DISCHARGES OF DREDGED OR FILL MATERIAL INTO WATERS OF THE UNITED STATES:

a. That the discharge will be carried out in conformity with the goals and objectives of the EPA Guidelines established pursuant to Section 404(b) of the Clean Water Act and published in 40 CFR 230;

b. That the discharge will consist of suitable material free from toxic pollutants in toxic amounts.

c. That the fill created by the discharge will be properly maintained to prevent erosion and other non-point sources of pollution.

DISPOSAL OF DREDGED MATERIAL INTO OCEAN WATERS:

a. That the disposal will be carried out in conformity with the goals, objectives, and requirements of the EPA criteria established pursuant to Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, published in 40 CFR 220-228.

b. That the permittee shall place a copy of this permit in a conspicuous place in the vessel to be used for the transportation and/or disposal of the dredged material as authorized herein.

This permit shall become effective on the date of the District Engineer's signature.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

J. Steven McCallen
J. STEVEN MCCALLEN, PERMITTEE & NOTARY PUBLIC w/stamp

11 Nov 84 S+5 THIS DATE
DATE STATE OF COLO
COUNTY OF DENVER
BY W. OERBELT NOTARY

BY AUTHORITY OF THE SECRETARY OF THE ARMY:
Albert E. McCollam, Jr.
Albert E. McCollam, Jr., LTC, CE for
Arthur E. Williams, Colonel, CE
DISTRICT ENGINEER, Sacramento
U.S. ARMY, CORPS OF ENGINEERS

84 DEC 04 EXPIRES 6/28/88
DATE

Transferee hereby agrees to comply with the terms and conditions of this permit.

TRANSFEREE

DATE

STATE OF CALIFORNIA

COUNTY OF Sacramento

ss. On this 4th day of December, Nineteen hundred and eighty four, before me, Kelli Flores

a Notary Public, State of California, duly commissioned and sworn, personally appeared LTC Albert E. McCollam, Jr.

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed it.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the County of Sacramento on the date set forth above in this certificate.



Kelli Flores

Notary Public, State of California

My commission expires Sept. 2, 1988

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