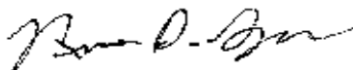


City of Calistoga

Staff Report

1
2
3
4 **TO:** Honorable Mayor and City Council
5 **FROM:** Derek Rayner, Senior Civil Engineer
6 **VIA:** Michael Kirn, Public Works Director/City Engineer
7 **DATE:** September 15, 2015
8 **SUBJECT:** Consideration of a Resolution Awarding a Construction Contract to
9 Maggiora & Ghilotti, Inc. for the Emergency River Bank Repair for the Feige
10 Tank Water Main and Authorizing the City Manager to Execute the Contract

11 **APPROVAL FOR FORWARDING:**

12 

13
14 **RICHARD D. SPITLER, CITY MANAGER**

15 **ISSUE:** Consideration of a Resolution that:

- 16
17 1. Conditionally awards the construction contract to Maggiora & Ghilotti, Inc. for the
18 Emergency River Bank Repair for the Feige Tank Water Main Project in the
19 amount of \$79,440, subject to Maggiora & Ghilotti, Inc. providing all documents in
20 satisfaction of the bid award requirements.
21
22 2. Approves the total project construction budget in the amount of \$93,390, which
23 includes a contingency of 10% of the bid amount, permit administration, and
24 construction staking costs and authorizes the Public Works Director to negotiate
25 and approve contract change orders up to the approved construction budget
26 amount.
27
28 3. Authorizes the City Manager to execute the Project contract on behalf of the City
29 of Calistoga.
30
31 4. Directs staff to issue a notice of award to Maggiora & Ghilotti, Inc. and otherwise
32 administer the Project.
33

34 **RECOMMENDATION:** Adopt the Resolution.
35

September 15, 2015

Consideration of a Resolution Awarding a Contract to Maggiora & Ghilotti, Inc. for the Feige River Bank
Emergency Repair

Page 2 of 3

36

37 **BACKGROUND / DISCUSSION:** City staff discovered the bank along Cyrus Creek is
38 severely eroding and has exposed support caissons that hold up the 14-inch domestic
39 water line that serves as Feige tanks only inlet/outlet. The tank's water main is located
40 on a narrow private road (City has easement for waterline). This road is the City's only
41 way to access Feige Reservoir. If the piles become any more exposed the water main
42 will collapse, and result in catastrophic failure; access to Feige Tank may also be
43 impossible (see photo below):

44



45

46

47 If the water main fails it could potentially drain all of the City's stored domestic drinking
48 water (from both Mt Washington Tank and Feige Tank), depending on how quickly staff
49 is able to isolate and close off valves.

50

51 Staff hired Prunuske Chatham, Inc. to design a bank repair to fix this eroded section
52 and protect the water main from failure. In order to protect this main the river bank
53 repair needs to be completed prior to this winter season.

54

55 We recommend construction begin this September so that it can be completed by mid-
56 October. The design has been completed and staff has requested bids from six
57 contractors: Argonaut Constructors, Granite Construction, Maggiora & Ghilotti, Inc,
58 Harold Smith, Wilson Construction, Blakely Construction and Dennis Watson
59 Construction. Since this is such a tight schedule, we only received one bid from M&G
60 for \$79,440.

61

62 Staff is trying to be proactive to alleviate a potentially catastrophic event to the City's
63 critical water infrastructure and highly recommends that Council adopt this resolution.

64

65 **CONSISTENCY WITH CITY COUNCIL GOALS AND OBJECTIVES AND CEQA:**

66

67 The recommended action supports the FY 2015/16 City Council Goal No. 3, Objective 1
68 and 2:

69

- Maintain the high level of service and reliability of the City's infrastructure
70 systems and facilities

71

- Upgrade and maintain the long-term reliability of the City's water system
72

73

74 This repair is considered a "statutory exemption" from CEQA per Guidelines Section
75 15269.

76

77 The project is also permitted under an emergency Army Corp permit (Regional General
78 Permit 5) that also covers Fish and Wildlife and State Regional Board permits.

79

80 **FISCAL IMPACT:**

81

82 The total construction cost is estimated at \$93,390 broken down as follows:

83

Construction Contract:	\$79,440
------------------------	----------

Contingency at 10%:	\$ 7,950
---------------------	----------

Permit Administration:	\$3,500
------------------------	---------

Construction Staking	\$2,500
----------------------	---------

87

88 This project was approved in the FY15/16 budget as a Major Capital Improvement
89 Project in the amount of \$130,000, funded through Measure A. The City will also apply
90 for Cost Share program through County Flood Control District and hopes to receive up
91 to \$30,000 for the repair. If successful Measure A monies expenditures would amount to
92 \$63,390.

93

94 **ATTACHMENTS:**

95

96 1. Resolution

97 2. Plan Sheet for Repair

RESOLUTION NO. 2015- XXX

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALISTOGA,
COUNTY OF NAPA, STATE OF CALIFORNIA, AWARDDING A
CONSTRUCTION CONTRACT TO MAGGIORA & GHILOTTI, INC. FOR THE
EMERGENCY RIVER BANK REPAIR FOR THE FEIGE TANK WATER MAIN
AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE CONTRACT**

WHEREAS, staff discovered the bank along Cyrus Creek is severely eroding and has exposed support caissons that hold up the 14-inch domestic water line and serves as the Feige Tank’s only inlet/outlet; and

WHEREAS, if the support caissons fail and the water main breaks, it could potentially drain all of the City’s stored domestic drinking water from both the Mt. Washington Tank and the Feige Tank; and

WHEREAS, in order to protect the water main, the river bank needs to be repaired prior to this winter rainy season; and

WHEREAS, staff hired Prunuske Chatham, Inc to design a bank repair to fix this eroded section and protect the water main from failure; and

WHEREAS, the Project is considered a statutory exemption from the provisions of the California Environmental Quality Act pursuant to Title 14, the California Code of Regulations, Section 15269, and permitted under an emergency Regional General Permit; and.

WHEREAS, a request for bids was circulated to six construction companies. However, due to the tight schedule only one bid was received from Maggiora & Ghilotti, Inc. in the amount of \$79,440; and

WHEREAS, staff has confirmed that the bid from Maggiora & Ghilotti, Inc. satisfies the bidding requirements for the Project as described in the bid instructions; and

WHEREAS, staff has determined that Maggiora & Ghilotti, Inc. possesses the required license(s) for this Project and is otherwise qualified to perform the Project in accordance with the Contract documents; and

WHEREAS, staff has reviewed the bid from Maggiora & Ghilotti, Inc. and recommends that the City Council find that Maggiora & Ghilotti, Inc. is the lowest responsible and responsive bidder; and

WHEREAS, the project will use Measure A funds and Staff will also apply for the Cost Share Program through the Napa County Flood Control District for \$30,000; and

47 **WHEREAS**, funds for the Emergency Feige River Bank Repair Project are
48 budgeted in FY 2015/16 Streets Capital Improvements (01-5523). Total construction
49 costs are expected to be \$93,390, which includes construction, construction
50 contingency, permit administration and construction staking; and

51
52 **WHEREAS**, Staff recommends that the bid be awarded to Maggiora & Ghilotti,
53 Inc. in the amount of \$79,440.

54
55 **NOW, THEREFORE BE IT RESOLVED** by the City Council of the City of
56 Calistoga as follows:

- 57
58 1. Finds that the bid from Maggiora & Ghilotti, Inc. is the lowest responsive bid
59 and is a responsible bidder and waives any and all minor bid irregularities.
60
61 2. Approves the Project construction budget in the amount of \$93,390, which
62 includes a contingency of 10% of the bid amount and authorizes the Public
63 Works Director/City Engineer to negotiate and approve contract change orders
64 up to the approved construction budget amount.
65
66 3. Awards the construction contract to Maggiora & Ghilotti, Inc. in the amount of
67 \$79,440 for construction of the Emergency River Bank Repair for the Feige Tank
68 Water Main Project conditioned upon Maggiora & Ghilotti, Inc. providing all
69 documents in satisfaction of the bid award requirements.
70
71 4. The City Manager is hereby authorized to execute the Contract on behalf of
72 the City of Calistoga, subject to approval as to form by the City Attorney.
73
74 5. Directs staff to issue a notice of award to Maggiora & Ghilotti, Inc. and
75 otherwise administer the Project.
76

77 **PASSED, APPROVED, AND ADOPTED** by the City Council of the City of
78 Calistoga at a regular meeting held this **15th day of September 2015**, by the following
79 vote:

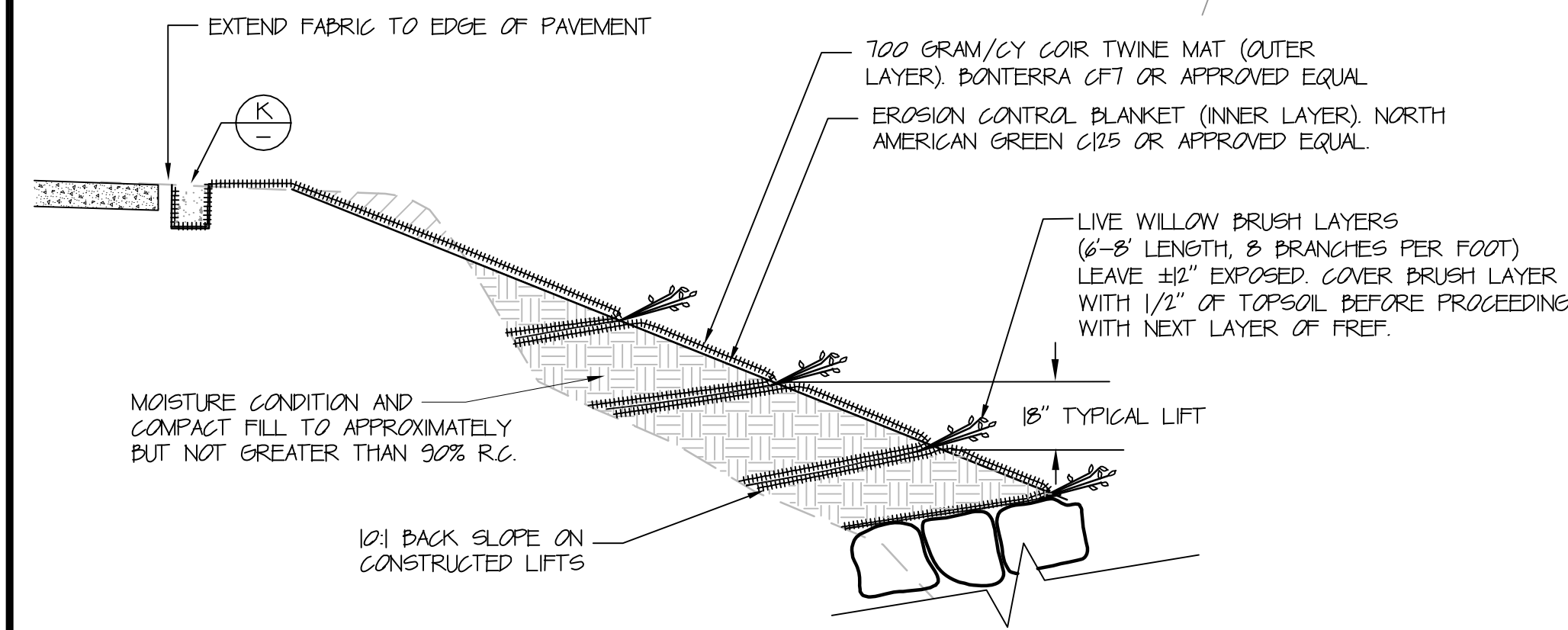
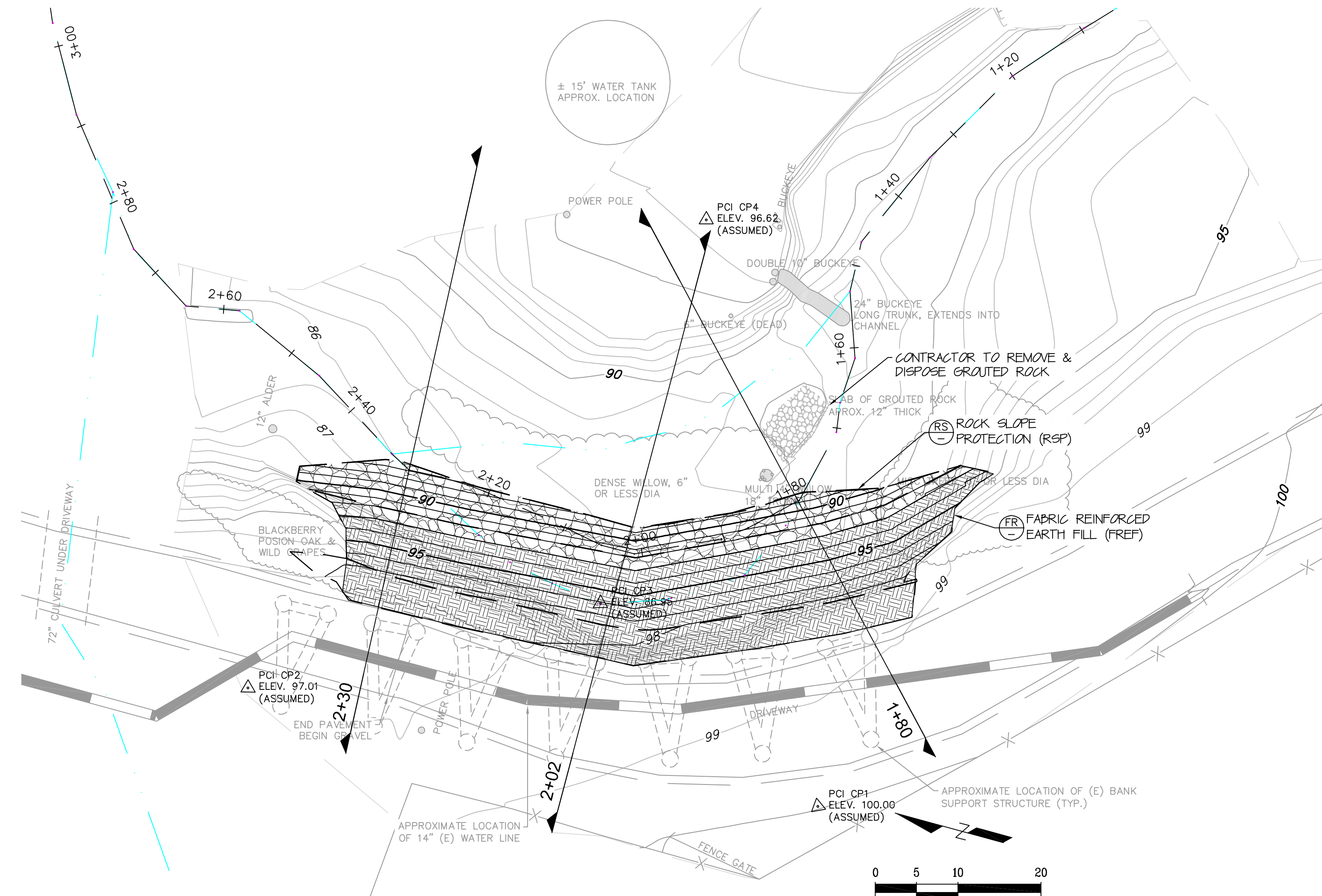
80
81 **AYES:**
82 **NOES:**
83 **ABSTAIN:**
84 **ABSENT:**
85

86
87 _____
88 **CHRIS CANNING, Mayor**

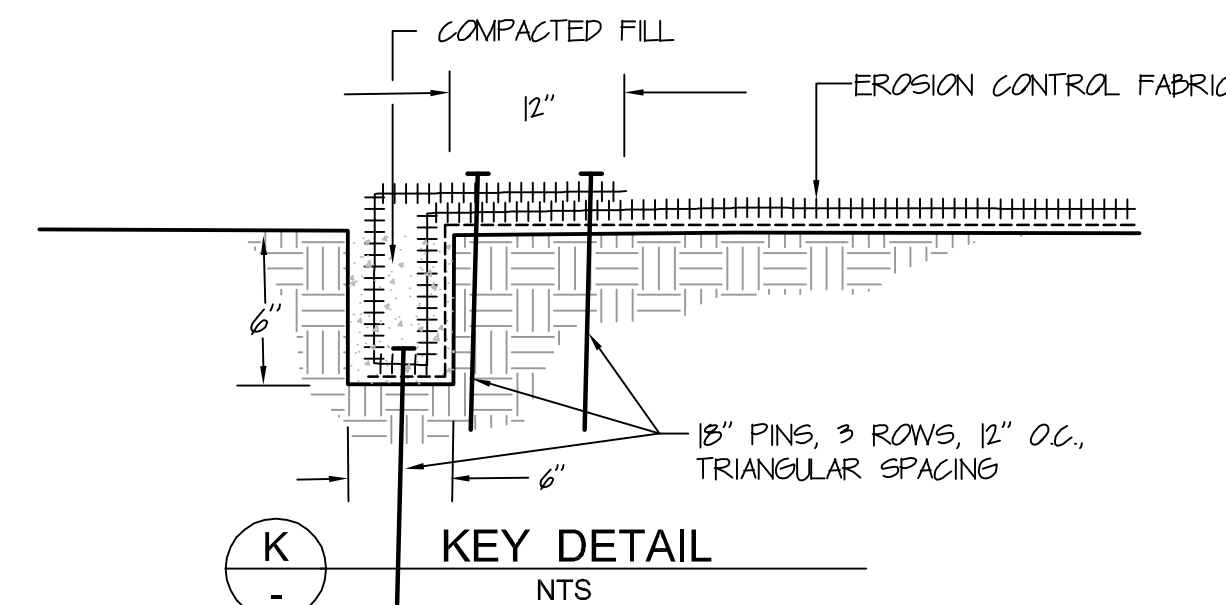
89 **ATTEST:**

90
91 _____
92 **KATHY FLAMSON, City Clerk**

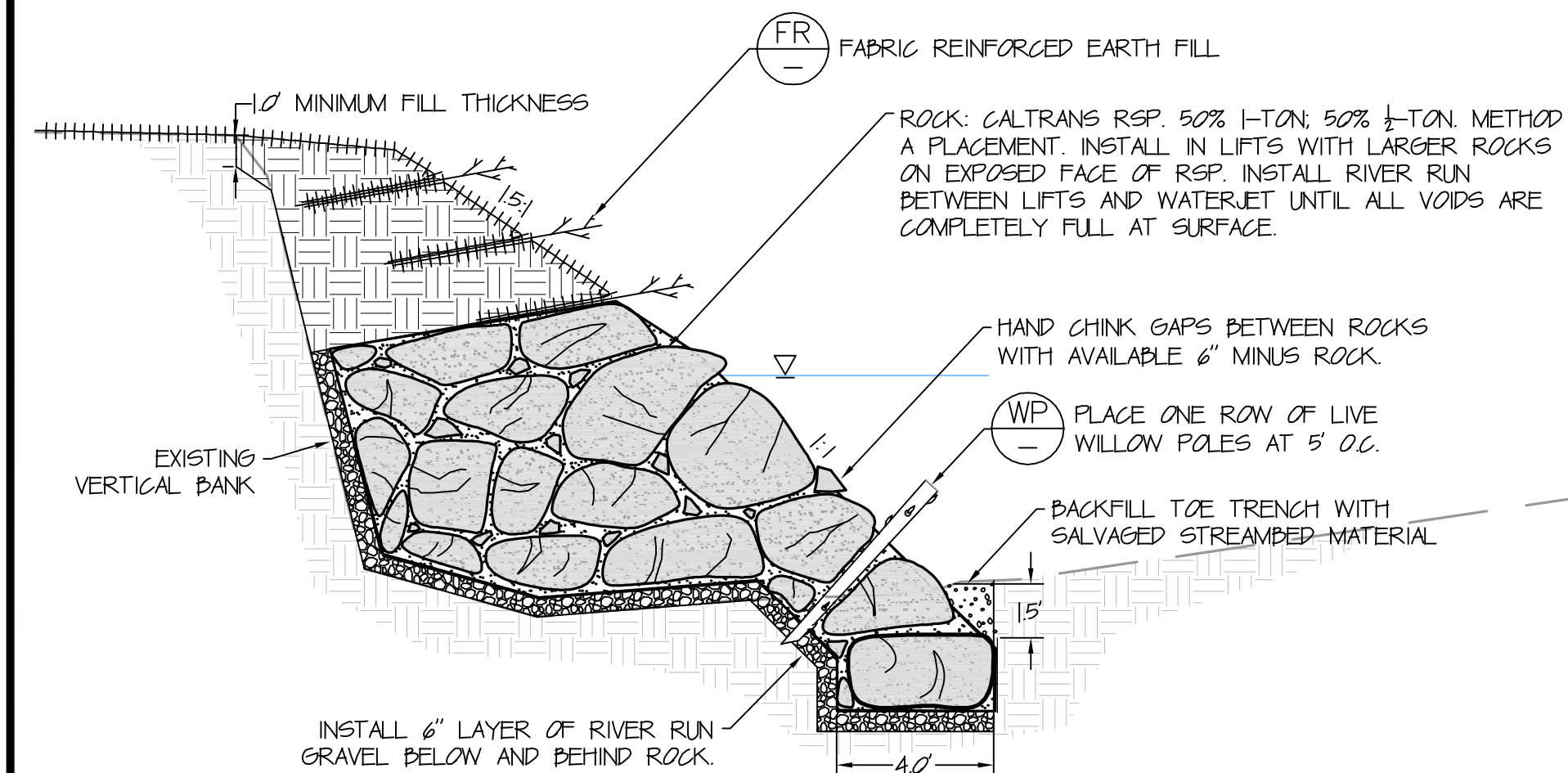
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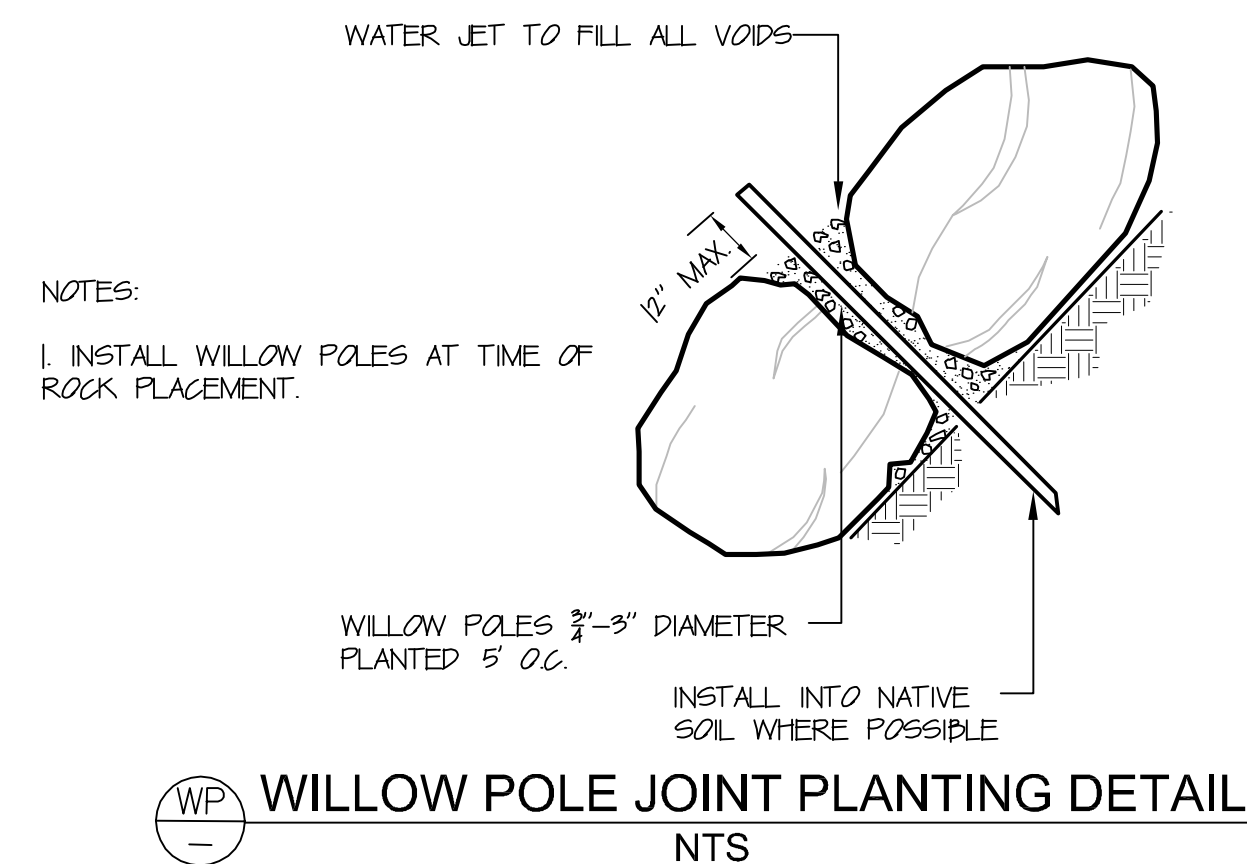
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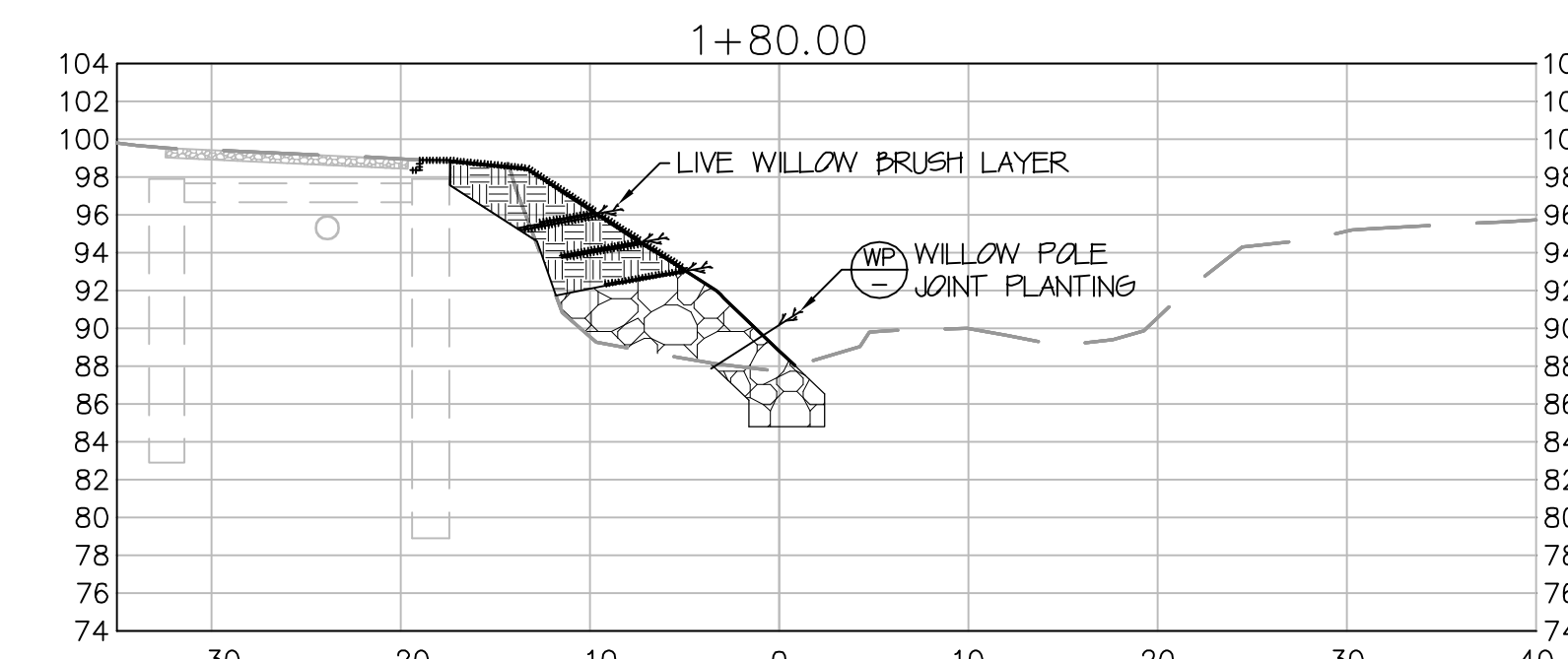
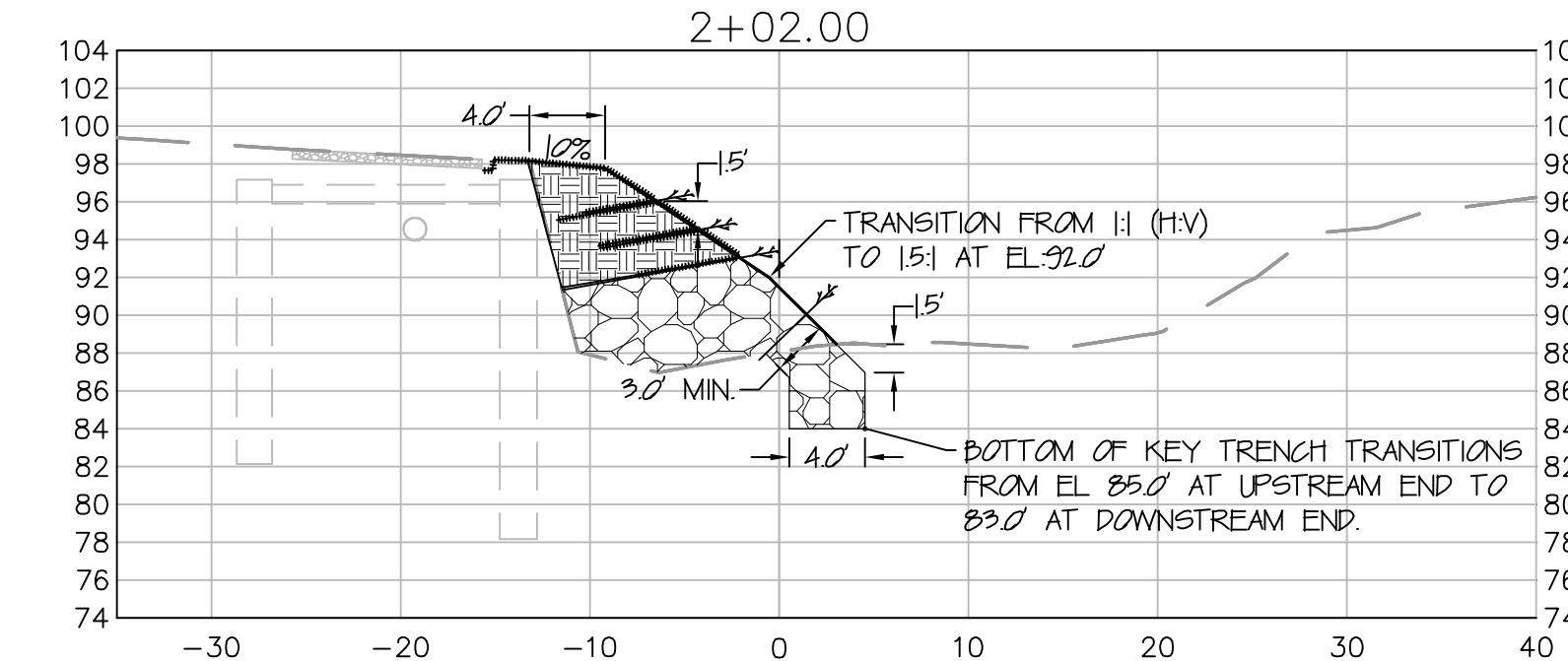
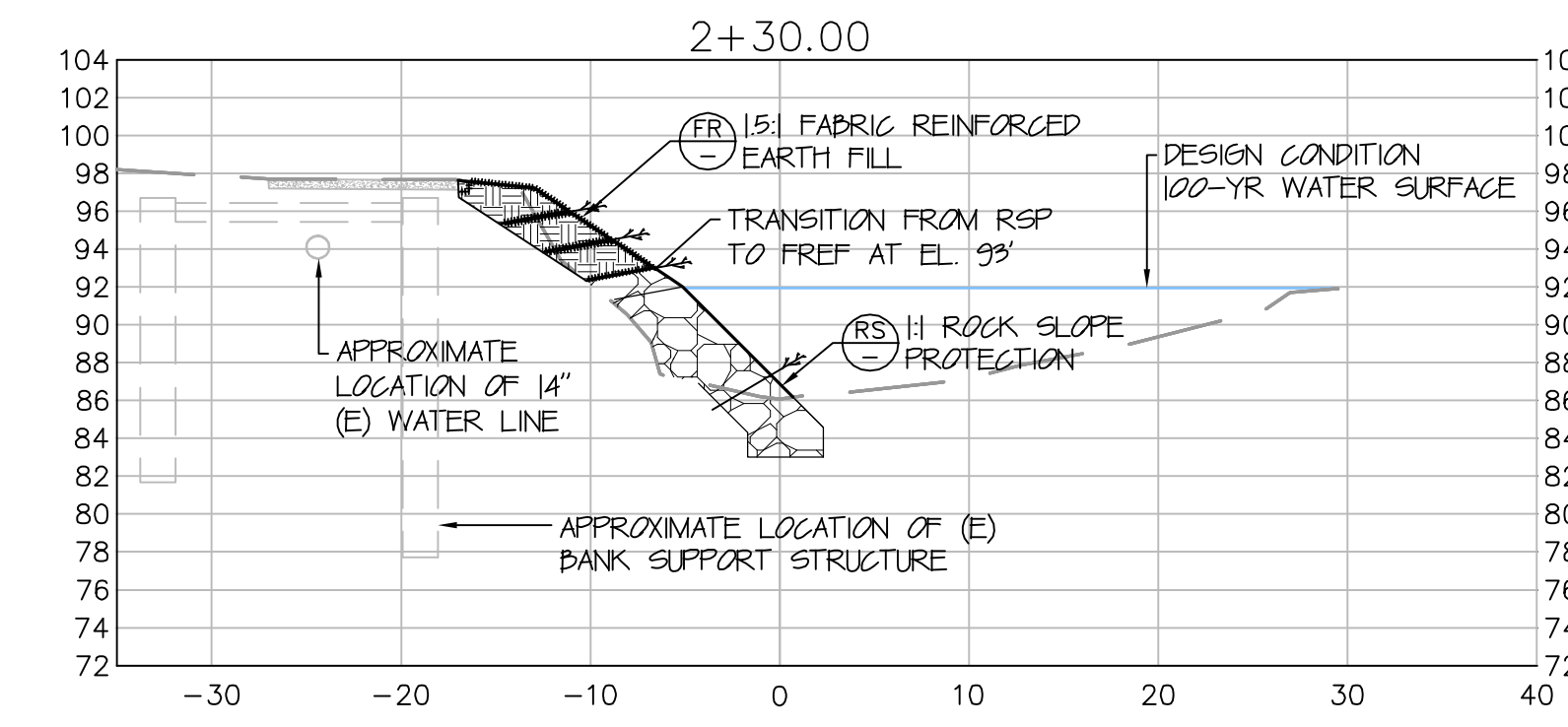
K KEY DETAIL
NTS



RS ROCK SLOPE PROTECTION
NTS



WP WILLOW POLE JOINT PLANTING DETAIL
NTS



ATTACHMENT 2

LIVE CUTTING NOTES FOR WILLOW

1.0 Cutting and Collecting

- 1.1 The contractor shall supply local willow from live native stands of salix. Material shall be collected as close to the site as possible. Strip all leaves immediately after cutting.
- 1.2 All cuts shall be clean cuts with no bark peeling and no material splitting. Cut the bottom of material at an approximate 45° angle to ensure cuttings are not placed upside down and for easier installation.
- 1.3 Place cut material in bundles of 25 or 50 with buds facing up and angled cut bottoms down at the collection site for inventory, easy handling and protection during transport.
- 1.4 If material is collected onsite, 66% of the parent material must remain intact with clean flush cuts to main body of tree, allowing for regeneration.
- 1.5 Cuttings shall remain moist and in shade at all times.
- 1.6 Rooted willow poles and stakes may be substituted for live poles and stakes.

2.0 Transportation

- 2.1 Live cutting bundles shall be placed in an organized fashion to prevent damage during loading and unloading of vehicles or trailers.
- 2.2 Cuttings must be covered and protected from wind and sun during transportation. This may be achieved by using tarps or enclosed vehicles and trailers.
- 2.4 All cut material should arrive and be installed as soon as possible. See "storage" below.

3.0 Storage

- 3.1 Cut material shall be installed within 24 hours of harvesting or it shall be stored and protected.
- 3.2 Store cut material submerged under water or under wet woven fabric and stored in the shade.
- 3.3 If longer storage is required, cut material may be stored with refrigeration at 34° f with 90% humidity, wrapped in wet burlap. Willow pole and stake cuttings shall be kept in refrigerator storage no longer than 5 days. Willow poles with stems and branches attached will be kept in storage no longer than 48 hours (i.e. brush layer material). All trimmed brush and branches shall be kept in storage no longer than 48 hours.
- 3.4 During planting the cuttings shall remain moist until installation using planting bags or buckets with water, vermiculite or equivalent.

4.0 Schedule

- 4.1 Planting of cuttings shall occur at the time of construction.
- 4.2 Cuttings installed during construction will require supplemental weekly watering until November 15 or until 6" of rain has fallen, whichever comes first.

5.0 Installation & Browse Protection

- 5.1 Install cuttings (live stakes or poles) as per planting details and notes herein.
- 5.2 Plants shall be watered in and soaked immediately after planting or installation.
- 5.3 All willow material that has splits, swelling, lesions or peeled bark will be trimmed off and discarded.



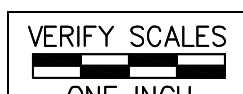
PREPARED FOR:
CITY OF CALISTOGA
DEPARTMENT OF PUBLIC WORKS
414 WASHINGTON ST.
CALISTOGA, 95415



REVISIONS	DATE	BY

DATE:	SEP 4, 2015
SCALE:	AS SHOWN
MAPPING BY:	LW, JRH
DESIGNED BY:	LW, JF
DRAFTED BY:	LW
CHECKED BY:	JF

FEIGE CANYON
BANK REPAIR



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Plot Date: 9/14/2015 2:00 PM Layout: FREF & ROCK TOE