



**ADDENDUM NO. 2**  
**TO**  
**CONTRACT DOCUMENTS**  
**FOR THE**  
**WEST ANTIOCH CREEK CHANNEL IMPROVEMENTS**  
**IN**  
**ANTIOCH, CALIFORNIA**  
**P.W. 201-6**

**ISSUED**  
**November 8, 2017**

This Addendum No. 2 must be signed by the bidder and attached to the CONTRACT PROPOSAL PACKAGE for consideration by the City. The City reserves the right to disregard any proposal, which does not include this Addendum. The City may waive this requirement at its sole discretion.

**SEE ATTACHED ADDENDUM ITEMS**

Prepared By: \_\_\_\_\_

Ryker Brown, P.E.



**BIDDER'S CERTIFICATION**

I acknowledge receipt of this Addendum No. 2 and accept all conditions contained herein.

\_\_\_\_\_  
Bidder

\_\_\_\_\_  
By:

| <b>Addendum Item</b>   | <b>Description</b>   |
|--|--|
| 2-1  | Section 01025 – Measurement and Payment, paragraph 1.3.Q.1.a: REMOVE, “biologist monitoring” from the paragraph.   |
| 2-2  | Section 01060 – Regulatory Requirements and Permits, paragraph 1.3.A.1.b: DELETE paragraph in its entirety.  |
| Section 01312 – Construction Sequencing and Constraints has been modified as described in the following items. |  |
| 2-3  | Section 01312-1.3.A.1: REPLACE, “from October 31 to April 15” with, “after October 31, 2018”.  |
| 2-4  | Section 01312-1.3.B.1: REPLACE the entire paragraph with the following:<br><br>“No work shall be initiated within existing channel until Contractor personnel have been trained by the City’s Qualified Biologist. Training will take approximately thirty minutes. Contractor shall contact the City’s Qualified Biologist in advance to request as-needed training for any new/replacement personnel before they are allowed to work within the existing channel. No delay of work can be claimed due to lack of the Contractor being able to supply trained personnel.”   |
| 2-5  | Section 01312-1.3.B.3: REPLACE any instance of, “a qualified biologist” or “ the qualified biologist” with, “the City’s Qualified Biologist”.  |
| 2-6  | Section 01312-1.3.B.7: REPLACE the entire paragraph with the following:<br><br>“Prior to the initiation of activities, between February 1, 2018 and September 1, 2018, the City’s Qualified Biologist shall conduct pre-construction surveys for nesting birds no more than seven (7) days prior to the initiation of the work. If nesting birds are found, no work shall be initiated until species specific buffers have been established in consultation with CDFW. Note that the City’s Qualified Biologist must also conduct pre-construction surveys for the California red legged frog, western burrowing owl, tri-colored black bird, western pond turtle, and other species as defined in the permits prior to the initiation of the work.” |
| 2-7  | Section 01312-1.3.B.8: REPLACE any instance of, “Qualified Biologist” with, “City’s Qualified Biologist”.  |
| 2-8  | Section 01312-1.3.C.1: ADD SENTENCE, “West Antioch Creek’s flows are from a largely urban drainage area, which is ephemeral in nature, thus only flows at a high rate during wet weather periods. Dry weather season low level nuisance flows can occur due to excessive irrigation or upstream water use activities.”   |
| 2-9  | Section 01312-1.3.C.8.a: REPLACE entire paragraph with, “PG&E will abandon their gas main no earlier than March 16, 2018 and no later than April 15, 2018. The Contractor shall have the gas casing pipe installed no later than September 21, 2018 so that PG&E can install the gas pipe and complete the connection. The Contractor shall coordinate with PG&E and cooperate in PG&E’s efforts to install and connect the gas pipeline.  |
| 2-10   | United States Army Corp of Engineers Section 404, Nationwide 31 Permit has been issued. INSERT Attachment 1 into Volume 2 – Appendices, after the Appendix A cover sheet.  |

The sign-in sheet from the Pre-Bid meeting held on 24 October 2017 is included as Attachment 2.

### **Response to Planholder RFIs**

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The following questions were submitted and classified as RFI #1.

Question: When will the water be analyzed for contaminants? We will need to know what contaminants are in the water so we can engineer the right filtration system.

Answer: Refer to the specifications and permits for information and procedures on dewatering, creek bypass, and disposal. Contaminants may or may not be present in water.

Question: What is the flow rate that needs to be maintained for the channel/creek bypass? We will need this information in order to spec. the right pumps.

Answer: Refer to Item 2-8 of this addendum for clarification.

Question: What is the estimated volume of water that will have to be de-watered from the existing channel and/or what is the current capacity of the existing section of channel/creek to be de-watered?

Answer: Contractor is encouraged to estimate volume using available information. Contractor is required to visit the site prior to bid.

Question: Do you have any flow rates for the sewer and storm water bypasses called out in the specifications?

Answer: No flow data is available from the City. The Contractor shall be responsible for design, construction, and operation of an adequate and properly functioning bypass system. Any testing or gathering of flow data is the responsibility of the Contractor. The Contractor shall coordinate all bypassing with the Engineer. The City is not responsible for any deviations in quantity or quality of the sewage flow at any time during the work.

The following questions were submitted and classified as RFI #2.

Question: General note 15 says that we are to maintain utility services during construction. We will be removing a portion of the 12" W and 6" W as shown on sheet D-1.

a. Can the ends of the 12" W be capped or will a temporary tie between the ends be required?

b. Can the 6" W be capped or does it need to be temporarily fed?

Answer:

a. The 12" W may be capped. Ensure water service to City customers is unaffected.

b. Potable water service must be maintained to all customers, equal to what is being supplied prior to construction.

Question: After we remove the 8" SS (see sheet D-1), we will need to provide bypass pumping (per General Note 22). Can you provide us with the flows to be expected?

Answer: No flow data is available from the City. The Contractor shall be responsible for design, construction, and operation of an adequate and properly functioning bypass system. Any testing or gathering of flow data is the responsibility of the Contractor. The Contractor shall coordinate all bypassing with the Engineer. The City is not responsible for any deviations in quantity or quality of the sewage flow at any time during the work.

Question: Can you provide the anticipated flows in the creek for the required bypass pumping?

Answer: Refer to Item 2-8 of this addendum for clarification.

The following question was submitted and classified as RFI #3.

Question: Sheet 5, Demolition Plan, Note 2 regards the demolition and removal of the twin steel arch culverts. Are as-built drawings of these culverts available? Are both culverts encased in concrete across the width of 10<sup>th</sup> Street?

Answer: Contractor shall refer to Attachment 3, which presents as-built drawings from City project P.W. 134-E. These are provided for reference only.

The following questions were submitted and classified as RFI #4.

Question: Refer to Section 01312-1.3.C.6, 1<sup>st</sup> paragraph, 4<sup>th</sup> sentence. This reads that the duct bank is to be lowered prior to excavating for the new culverts. This cannot be accomplished without first removing the existing arch culverts, which would require the new culvert excavation. Please confirm the sequence as laid out in the specifications.

Answer: The duct bank is required to be lowered between Point B and Point F. Refer to Appendix F – Reimburse Agreement – West Antioch Creek Channel Improvements Project, P.W. 201-6, 23 January 2017. The Contractor may choose not to lower the AT&T duct bank prior to West 10<sup>th</sup> Street shutdown for culvert excavation, but the Contractor remains responsible for completing all of the Contract Work within the allotted shutdown timeframe. Additionally, if the Contractor chooses to alter the sequence of construction, it must still provide an accurate accounting of the cost of work to lower the conduits as described in Appendix F Section 2.6 and represented as Bid Item No. 12: AT&T Duct Bank Relocation Construction.

Question: Please provide information on the existing AT&T duct bank. Is it direct bury, concrete encased or other?

Answer: The duct bank is a clay structure in a 3x3 configuration.

Question: What is the depth to the existing AT&T duct bank?

Answer: The depth to the top of the duct bank at Point B is approximately 137" from ground surface. Refer to Appendix F – Reimburse Agreement – West Antioch Creek Channel Improvements Project, P.W. 201-6, 23 January 2017

Question: What are the horizontal limits for lowering the AT&T duct bank?

Answer: Point B to Point F. Refer to Appendix F – Reimburse Agreement – West Antioch Creek Channel Improvements Project, P.W. 201-6, 23 January 2017. Duct bank relocation shall not conflict with proposed sewer siphon.

The following questions were submitted and classified as RFI #5.

Question: On Drawing #C-2 the 8" diameter waterline has a 6" water service meter shown (both in Detail 2 & Detail 4), however the line is 8" diameter. Is the water service meter 8" diameter or 6" diameter?

Answer: The water service meter is 8-inch. The title for Detail 4 should be, "8" WATER SERVICE METER".

Question: Is there a Soils Report or Boring Logs for the site, and if so how can we obtain that information?

Answer: Refer to Appendix B - Geotechnical Investigation West Antioch Creek Channel Improvements Antioch, California, Dated January 20, 2014.

## **ATTACHMENT 1 – UNITED STATES ARMY CORP OF ENGINEERS SECTION 404 PERMIT**

- US Army Corp of Engineers 404 Permit Letter
- US Army Corp of Engineers Compliance Certification Letter
- US Fish and Wildlife Letter to US Army Corp of Engineers



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT  
1325 J STREET  
SACRAMENTO CA 95814-2922

October 18, 2017

Regulatory Division (SPK-2008-01708)

City of Antioch  
Attn: Ron Bernal  
1201 West 4th Street  
Antioch, CA 94509



Dear Mr. Bernal:

We are responding to your July 19, 2017, pre-construction notification for a Department of the Army Nationwide permit for the West Antioch Creek Desilting project. The approximately 7.6-acre project site is located near West Antioch Creek, Latitude 38.38.016059°, Longitude -121.825678°, Contra Costa County, California.

Based on the information you provided to this office, the West Antioch Creek Desilting project involves the discharge of dredged and/or fill material into 0.27 acre of waters of the U.S., for the installation of four pre-cast concrete box culverts across West 10<sup>th</sup> Street and a new earthen channel from West 10<sup>th</sup> Street to approximately West 8<sup>th</sup> Street. This work is subject to Section 404 of the Clean Water Act. These activities will result in the temporary impacts to approximately 0.27 acre of waters of the United States. The proposed activities would be conducted in accordance with the *Summary of Project Changes for the City of Antioch's West Antioch Creek Channel Improvement Project, Contra Costa County, California* plans dated May 22, 2017.

We have determined activities in waters of the U.S. associated with the project are authorized by Nationwide Permit Number (NWP) 31 – *Maintenance of Existing Flood Control Facilities*.

You must comply with all terms and conditions of the NWP and applicable regional conditions. Information about the NWP terms and conditions and Sacramento District regional conditions for California, excluding the Lake Tahoe Basin are available on our website at

[www.spk.usace.army.mil/Missions/Regulatory/Permitting/NationwidePermits.aspx](http://www.spk.usace.army.mil/Missions/Regulatory/Permitting/NationwidePermits.aspx). In addition, your work must comply with the following special conditions:

1. To ensure your project complies with the Federal Endangered Species Act, you must implement any measures proposed as part of your project description, which are identified in the enclosed U.S. Fish and Wildlife Service letter of concurrence (Number 08FBDT00-2015-I-0025, dated October 6, 2017). If you are unable to implement any of the proposed measures, you must immediately notify this office, the U.S. Fish and

Wildlife Office, so we may consult as appropriate, prior to initiating the work, in accordance with Federal law.

2. You and your authorized contractor shall allow representatives from this office to inspect the activity authorized by this NWP 31, and all avoidance areas, at any time deemed necessary to ensure that work is being or has been accomplished in accordance with the terms and conditions of this verification.

3. You are responsible for all work authorized herein and ensuring that all contractors and workers are made aware and adhere to the terms and conditions of this verification. You shall ensure that a copy of the verification letter and associated drawings are available for quick reference at the project site until all construction activities in waters of the U.S. authorized by this verification are completed.

4. At least 15 days prior to initiation of construction activities in waters of the U.S., you shall submit to this office pre-construction photographs of the project site, which have been taken no more than 30 days prior to initiation of construction activities in waters of the U.S. authorized by this verification. Within 15 days following completion of construction activities in waters of the U.S., you shall submit post-construction photographs of the project site, showing the work conducted, to this office. The camera positions and view angles of post-construction photographs shall be identified on a map, aerial photo, or project drawing. Construction locations shall include all major project features and waters of the U.S., including avoidance and compensatory mitigation areas.

5. At least 15 days prior to initiation of construction activities in waters of the U.S. authorized by this verification, you shall notify this office in writing of the anticipated start date for the work. No later than 15 calendar days following completion of construction activities in waters of the U.S. authorized by this verification, you shall notify this office in writing that construction activities have been completed.

Within 30 days after completion of the authorized work, you must sign the enclosed Compliance Certification and return it to this office.

This verification is valid until March 18, 2022, when the existing NWPs are scheduled to be modified, reissued, or revoked. Furthermore, if you commence or are under contract to commence this activity before the date the NWP is modified, reissued, or revoked, you will have 12 months from the date of the modification, reissuance or revocation to complete the activity under the present terms and conditions. Failure to comply with the general and regional conditions of this NWP, or the project-specific special conditions of this authorization, may result in the suspension or revocation of your authorization.

We would appreciate your feedback on this permit action including your interaction with our staff and processes. For more information about our program or to complete our Regulatory Program national customer service survey, visit our website at [www.spk.usace.army.mil/Missions/Regulatory.aspx](http://www.spk.usace.army.mil/Missions/Regulatory.aspx).

Please refer to identification number SPK-2008-01708 in any correspondence concerning this project. If you have any questions, please contact Chandra Browne at the letterhead address above, by email at *Chandra.L.Browne@usace.army.mil*, or telephone at (916) 557-6652.

Sincerely,

A handwritten signature in dark ink, appearing to read 'W. Guthrie', with a long horizontal flourish extending to the right.

William Guthrie  
Chief, CA Delta Section  
Regulatory Division

Enclosures

cc: (w/o encls)

Mr. Armin Halston, US Fish and Wildlife Service, San Francisco Bay-Delta Office, 650 Capitol Mall, Suite 8-300, Sacramento, California 95814

U.S. EPA, Water Division, WTR8, 75 Hawthorne Street, San Francisco, California 94105

Ms. Elizabeth Lee, Storm Water and Water Quality Certification Unit, Central Valley Regional Water Quality Control Board, 11020 Sun Center Drive, #200, Rancho Cordova, California 95670-6114

Ms. Julianne Polanko, Office of Historic Preservation, 1725 23<sup>rd</sup> Street, Suite 100, Sacramento, California 95816

Ms. Erin McDermott, Nomad Ecology, 832 Escobar Street, Martinez, California 94553

## COMPLIANCE CERTIFICATION

**Permit File Name:** West Antioch Creek Desilting Project

**Action ID:** SPK-2008-01708

**Nationwide Permit Number:** 31 – *Maintenance of Existing Flood Control Facilities.*

**Permittee:** City of Antioch  
Attn: Ron Bernal  
1201 West 4th Street  
Antioch, CA 94509

**County:** Contra Costa County

**Date of Verification:** October 18, 2017

Within 30 days after completion of the activity authorized by this permit, sign this certification and return it to the following address:

U.S. Army Corps of Engineers  
Sacramento District

*DLL-CESPK-RD-Compliance@usace.army.mil*

Please note that your permitted activity is subject to a compliance inspection by a U.S. Army Corps of Engineers representative. If you fail to comply with the terms and conditions of the permit your authorization may be suspended, modified, or revoked. If you have any questions about this certification, please contact the U.S. Army Corps of Engineers.

\* \* \* \* \*

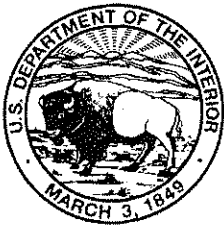
***I hereby certify that the work authorized by the above-referenced permit, including all the required mitigation, was completed in accordance with the terms and conditions of the permit verification.***

---

Permittee Signature

---

Date



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
San Francisco Bay-Delta Fish and Wildlife Office  
650 Capitol Mall, Suite 8-300  
Sacramento, California 95814

In reply refer to:  
08FBDT00-2015-I-0025

Mr. Michael Nepstad  
Deputy Chief, Regulatory Division  
U.S. Army Corps of Engineers  
Sacramento District  
1325 J Street  
Sacramento, California 95814-2922

OCT 6 2017

Subject: Informal Consultation on the West Antioch Creek Channel Improvements Project,  
Contra Costa County, California (U.S. Army Corps of Engineers File Number:  
SPK-2008-01708)

Dear Mr. Nepstad:

This letter is in response to the U.S. Army Corps of Engineers' (Corps) April 30, 2015, letter requesting consultation with the U.S. Fish and Wildlife Service (Service) on the West Antioch Creek Channel Improvements Project (project) located in the City of Antioch, Contra Costa County, California. Your letter was received by the Service on May 6, 2015. The Corps determined that the project may affect but is not likely to adversely affect the threatened California red-legged frog (*Rana draytonii*) (CRLF). This document is issued under the authority of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 *et seq.*)(Act).

In reviewing this project, the Service has relied upon: (1) the Corps' April 30, 2015, letter requesting initiation of consultation; (2) the Corps' July 19, 2017, electronic mail (email) modifying their determinations for the proposed project; (3) Nomad Ecology LLC.'s May 22, 2016, letter to the Corps detailing the *Summary of Project Changes for the City of Antioch's West Antioch Creek Channel Improvement*; (4) the revised September 2013 *Biological Resources Assessment for the West Antioch Creek Channel Improvements Project* (BA) prepared by Nomad Ecology LLC; (5) emails and phone calls between the Service, the Corps, and Nomad Ecology, LLC from September 2013 to October 2017; and (6) other information available to the Service.

Since the letter of April 30, 2015, the proposed project description and effects determinations have changed. The updated project description only includes flood improvements to Reach A of West Antioch Creek and all other aspects of the project including desilting and long-term

maintenance activities are no longer being proposed. There are no changes to the proposed Reach A project description originally described in the BA.

The purpose of the proposed project is to reduce flooding within the City of Antioch by increasing the capacity of the West Antioch Creek between West 10<sup>th</sup> Street and West 8<sup>th</sup> Street. Reach A conveyance (flood) improvements would include the installation of four pre-cast concrete box culverts across West 10<sup>th</sup> Street and a new earthen channel from West 10<sup>th</sup> Street to approximately West 8<sup>th</sup> Street. Four barrels of pre-cast concrete box culverts measuring 14 feet by 7 feet each would be used for a total length of approximately 100 feet. The project will also replace 400 feet of open, concrete lined, channel (approximately 0.25 acre) with wider earthen channel and add 200 feet of open earthen channel. This activity would result in approximately 1.3 acres of earthen channel. Also, an additional 0.5-acre of paved area currently used for parking would be converted to earthen channel. Grouted riprap will be placed at the transition to limit scour. A new access gate and fence will be installed. All earthen areas will be planted according to the revegetation plan included in the BA.

A cofferdam will be installed upstream of the project area and the creek will be dewatered. The upstream cofferdam will prevent water from entering the project site; a bypass pump and temporary pipe will transport the water downstream of the project area back into the creek. All water pumps will be screened to meet criteria of Federal and State resource agencies. A downstream cofferdam will not be required since the project site is not tidally influenced.

Work within Reach A will be completed within one year, between April 15<sup>th</sup> and October 15<sup>th</sup>. Access to the channel during construction will be from West 10<sup>th</sup> and 'O' Street. Temporary construction easements have been acquired for the parcel south of the improvements (staging and washdown areas), parcels northwest of Reach A, and a smaller parcel at 'O' Street and West 9<sup>th</sup> Street. Equipment used in Reach A will include cranes, excavators, dozers, backhoes, mulchers and dump trucks for demolishing concrete, grubbing, and soil removal. Vegetation will be removed using hand tools, dozers and excavators and any trees will be removed using hand tools only. Dozers and excavators will be used for general grading and contouring. Rollers, graders, pavers, and dump trucks will be used for compacting and laying the road base and asphalt on West 10<sup>th</sup> Street.

### **Conservation Measures**

1. Sediment curtains will be placed downstream of the construction area during the installation and removal of the cofferdam to minimize downstream sediment transfer.
2. No work will occur during or within 24 hours following a rain event exceeding 0.2-inch as measured by the National Oceanic and Atmospheric Administration's National Weather Service for Concord, CA (KCCR) base station:  
<http://www.wrh.noaa.gov/mesowest/getobext.php?wfo=mtr&sid=KCCR&num=72&raw=0>
3. A Service-approved biologist(s) or biological monitor will be on site during all project activities that occur within suitable CRLF habitat. The City of Antioch will submit the

qualifications of all potential Service-approved biologists to Service for review and approval at least thirty (30) calendar days prior to project initiation.

4. Preconstruction surveys will be conducted by a Service-approved biologist(s) immediately prior to the initiation of any ground disturbing activities and vegetation clearing within suitable CRLF habitat. All suitable aquatic and upland habitat including refugia habitat such as dense vegetation, small woody debris, refuse, burrows, will be thoroughly inspected. The Service-approved biologist(s) or biological monitor will conduct clearance surveys at the beginning of each day and regularly throughout the workday when construction activities are occurring.
5. If a CRLF is encountered in the action area, work activities within 50 feet of a CRLF will cease immediately and the Service-approved biologist(s) or biological monitor will notify the on-site construction supervisor and Service. All project personnel will be notified of the finding and at no time will work occur within 50 feet of a CRLF. Work will not start again until individuals encountered have left the work site on their own volition.

As identified in Nomad Ecology LLC.'s letter of May 22, 2016, the project area contains approximately 0.05 acre of breeding aquatic habitat, 0.12 acre of nonbreeding aquatic habitat, and 4.53 acres of upland and dispersal habitat for the CRLF. The nearest reported occurrence of CRLF in the California Natural Diversity Database (Occ. #531) is located 1.8 miles upstream of the project area in Markley Canyon Creek from 2002. The project area is located in West Antioch Creek which is hydrologically connected to Markley Canyon Creek. From the occurrence location water flows underground for nearly two miles before day lighting into natural channels where it flows for approximately another one mile through dense urban development. The creek acts as a storm drain for the surrounding commercial and residential areas, thus reducing water quality. The upland habitat is regularly disturbed from mowing. It is unlikely that adult frogs are dispersing downstream to the project area as CRLF have not been documented north of State Route 4 (approximately 0.7 mile south of the project area). However, the hydrological connection provides potential for eggs and tadpoles to be flushed downstream to suitable habitats during flood events.

Accessing the project site and staging areas will temporarily affect 4.7 acres of low quality, highly disturbed upland CRLF habitat, while construction will temporarily affect 0.05 acre of breeding aquatic habitat, and 0.12 acre of non-breeding aquatic habitat. All disturbed areas will be hydroseeded following construction with either an upland seed mix or a wetland seed mix. Native trees, including valley oaks, California buckeyes, and willows will be planted on site, adjacent to the channel. Seeding and planting, combined with natural hydrology, is anticipated to return the project area to pre-project conditions within one year after project completion.

The project is beneficial because of the low likelihood that CRLF occur in the action area during construction activities, could occupy the site after construction is complete and the concrete-lined ditch in Reach A will be replaced with a larger earthen lined creek channel, providing 1.07 acres (i.e., 0.37 upland and 0.7 aquatic) in additional potential habitat. The Service concurs with the

Corps' determination that the West Antioch Creek Channel Improvements Project may affect but is not likely to adversely affect the California red-legged frog.

Unless new information reveals effects of the project that may affect federally listed species or critical habitat in a manner not identified to date, or if a new species is listed or critical habitat is designated that may be affected by the proposed action, no further action pursuant to the Act is necessary.

Please address any questions or concerns regarding this response to Armin Halston, Fish and Wildlife Biologist, at [Armin\\_Halston@fws.gov](mailto:Armin_Halston@fws.gov) or (916) 930-5670 or Kim Squires, Section 7 Division Chief, at [Kim\\_Squires@fws.gov](mailto:Kim_Squires@fws.gov). Please refer to Service file number 08FBDT00-2015-I-0025 in any future correspondence regarding this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jana Affonso', with a long horizontal flourish extending to the right.

Jana Affonso  
Assistant Field Supervisor

cc: Gary Stern, National Marine Fisheries Service, Santa Rosa, California  
Jim Starr, California Department of Fish and Wildlife, Stockton, California

**ATTACHMENT 2 – PRE-BID MEETING SIGN-IN SHEET**



WEST ANTIOCH CREEK CHANNEL IMPROVEMENTS  
PRE-BID MEETING SIGN-IN SHEET

P.W. 201-6

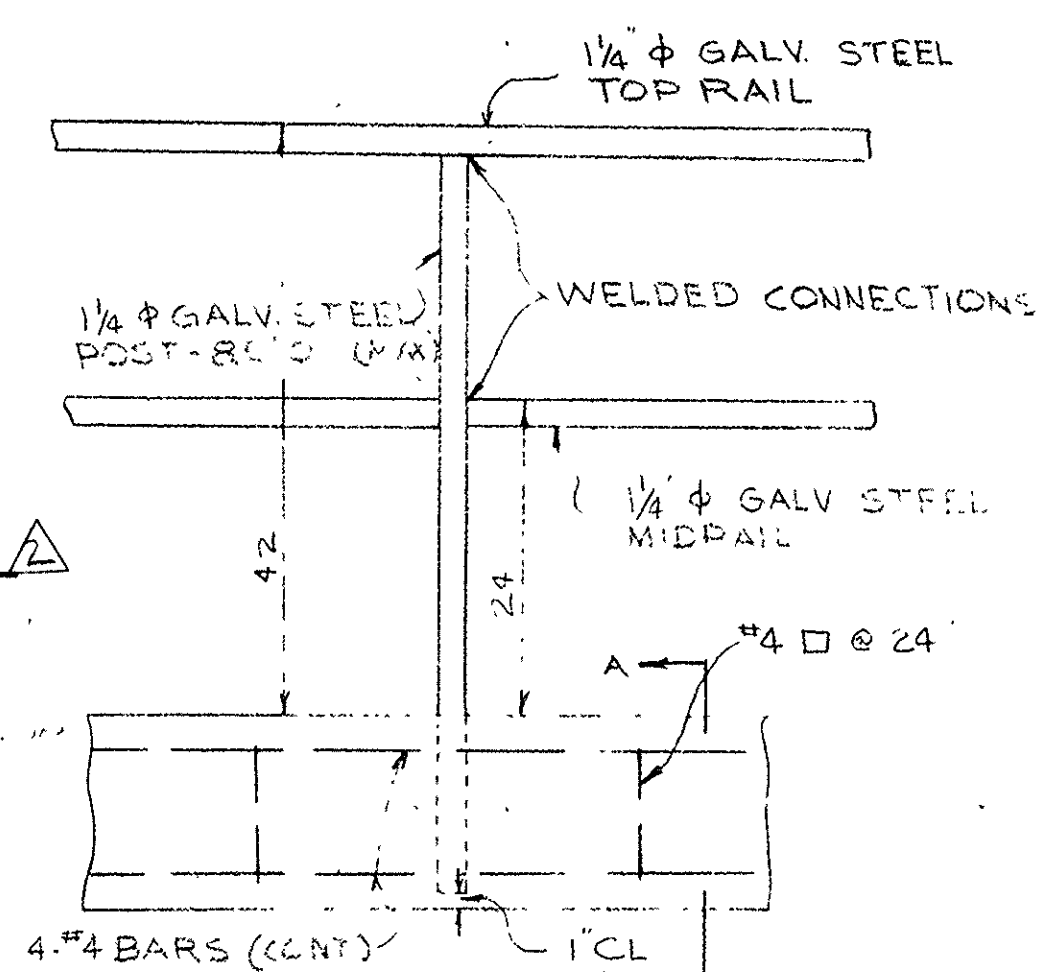
October 24, 2017 10:00 a.m.

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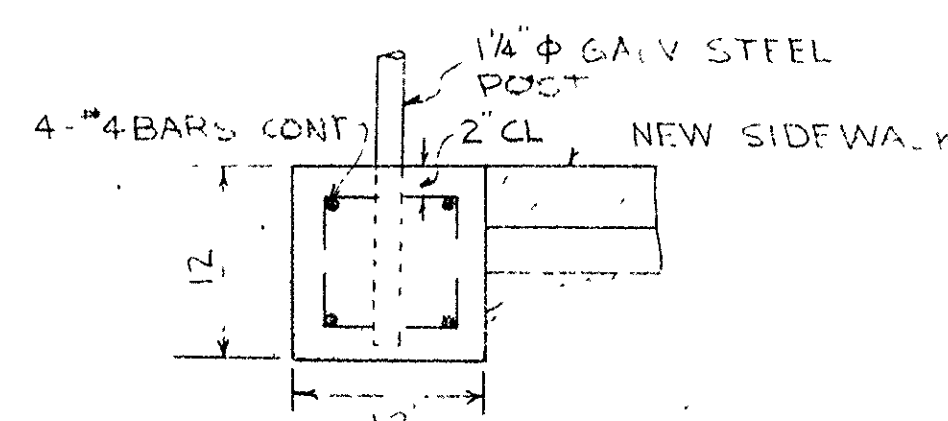
| NAME              | AGENCY              | PHONE NUMBER   | EMAIL ADDRESS                   |
|-------------------|---------------------|----------------|---------------------------------|
| Sai Manthena      | Gordon N. Ball      | (925) 683-3334 | smanthena@ballconco.com         |
| Dave Morris       | Teichert            | 925 621 5705   | DMorris@teichert.com            |
| DAVID KENNEDY     | GRANITEROCK         | 408 574-1400   | ESTIMATING@GRANITEROCK.COM      |
| David Rogers      | RESTATE             | 510-812-9383   | DAVID@RESTATE.NET               |
| TODD MATJES       | DMZ Builders        | 925 826 5387   | ESTIMATING@DMZBUILDERS.         |
| Adam Sheldon      | DMZ Builders        | 925 826 5387   | asheldon@DMZBuilders.com        |
| Bruce Harjehausen | Granite Const Co    | 408-327-7025   | bruce.harjehausen@genc.com      |
| Kristina Viado    | SULUTAAQ, INC.      | 707-427-3209   | Kristina.viado@sulutaag.com     |
| Steve Pursat      | SULUTAAQ INC        | " "            | Steve.Pursat@sulutaag.com       |
| CHRIS ROUSE       | STEVE P. RADOS, INC | 916-475-1654   | nc.bids@radoscompanies.com      |
| SCOTT ANDERSON    | APEC                | 209 353 4171   | SANDERSON@AANDPAC.COM           |
| Watt Roberts      | Garnney             | 925 315 4201   | wroberts@garnney.com            |
| Noah Johnson      | RJ Gordon Const     | 925 680-8660   | noah@rjgordonsconstruction.com  |
| KATH I. OWEN      | McGUIRE AND HESTER  | 510-632-7676   | estimating@mcguireandhester.com |

| Name          | Company                | Phone #      | Email                         |
|---------------|------------------------|--------------|-------------------------------|
| Wayne Mays Jr | Rain For Rent          | 925-250-9647 | wmays@rainforrent.com         |
| David Metzger | ANVIL BUILDERS         | 415-285-5000 | ESTIMATE@ANVILBUILDERS.COM    |
| Jay Andrews   | Valentine Corp         | 415 453 3732 | jandrews@valentinecorp.com    |
| Dana Williams | SMB Construction, Inc. | 650-267-5692 | dwilliams@smbconstruction.com |
| Scott Bunting | City of Antioch        | 925-779-7050 | sbunting@ci.antioch.ca.us     |
| Ryker Brausen | Woodard & Curran       | 925-627-4100 | rbrausen@woodardcurran.com    |
| Lori Medeiros | CoA                    | 925-779-7050 | lmedeiros@ci.antioch.ca.us    |

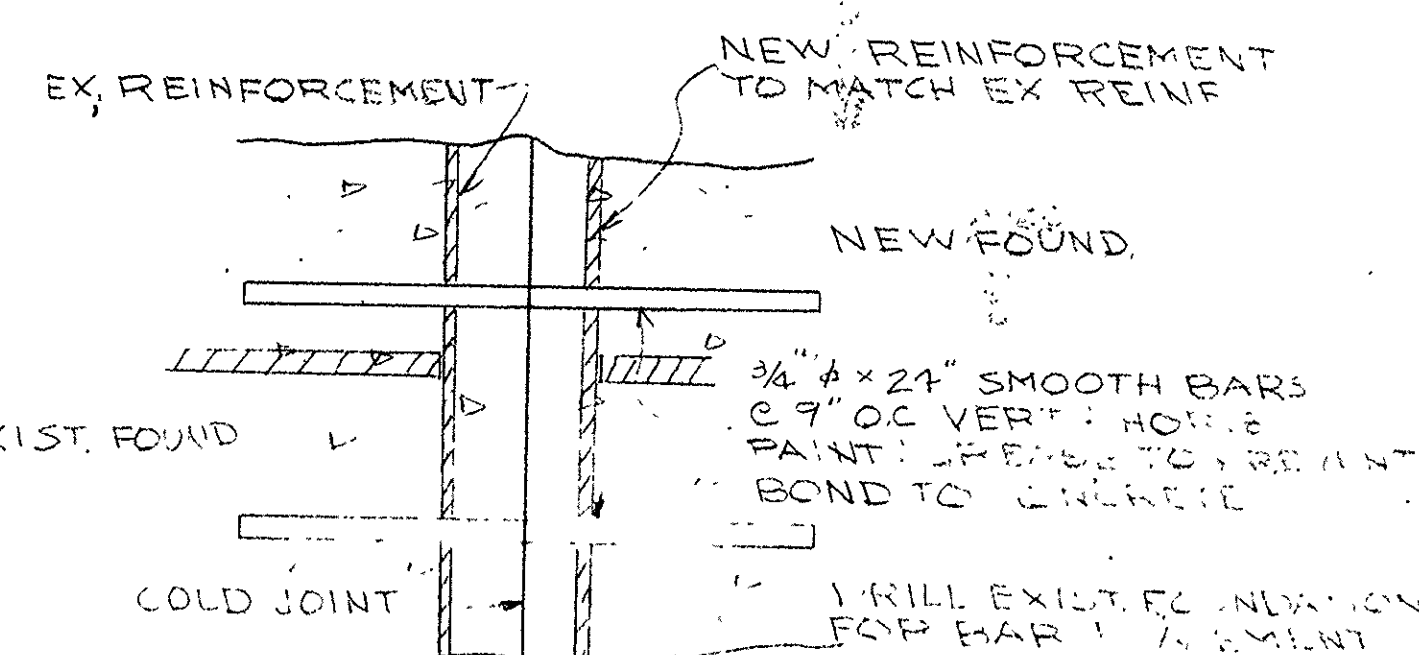
**ATTACHMENT 3 – AS-BUILT SHEETS FROM P.W. 134-E**



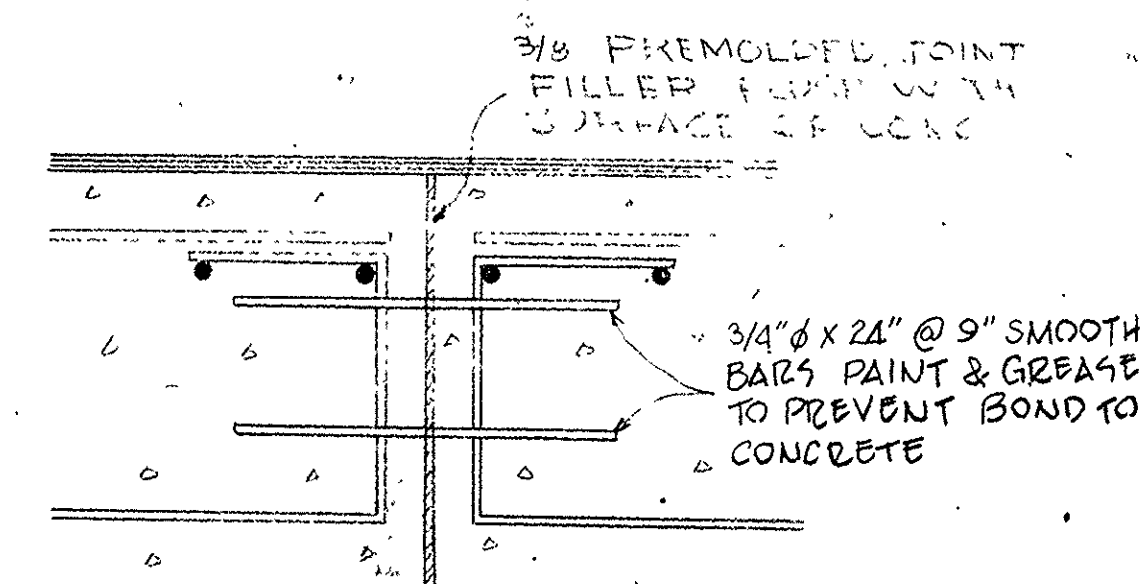
SIDE VIEW  
no scale



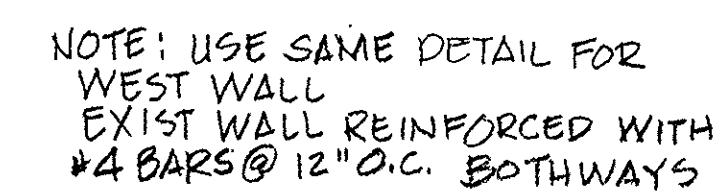
SECTION A - A  
no scale



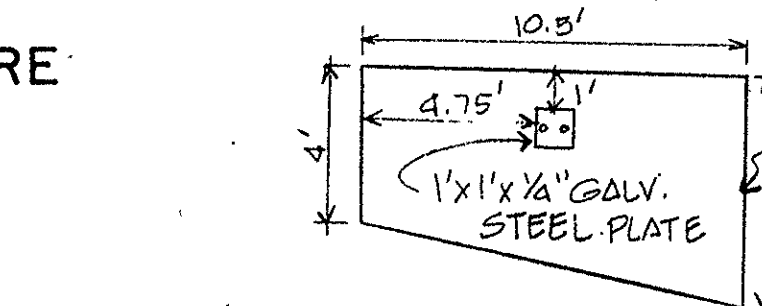
FOUNDATION DOWELING DETAIL  
no scale



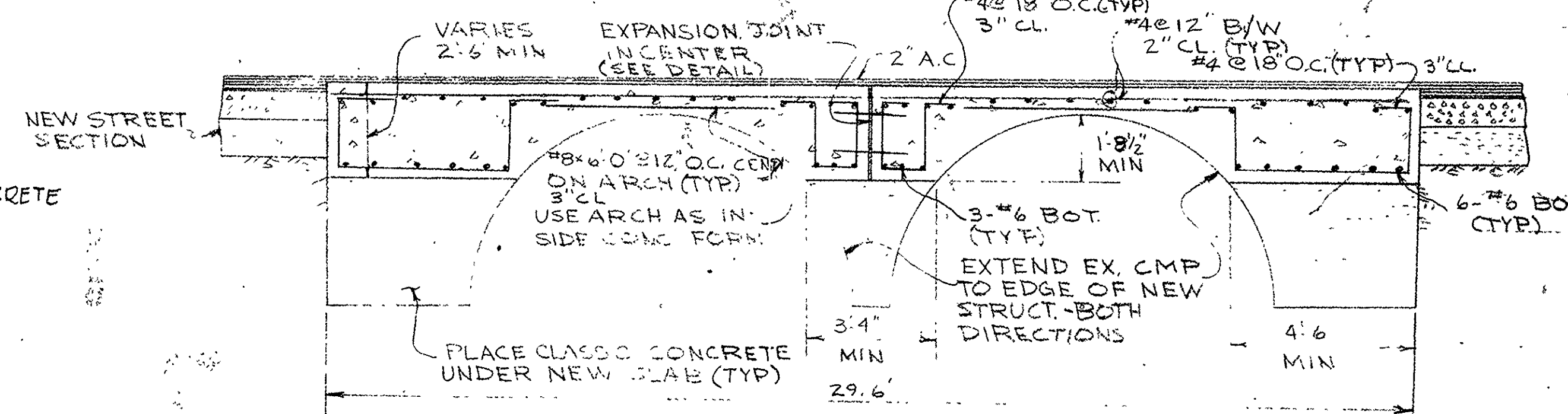
EXPANSION JOINT DETAIL  
no scale



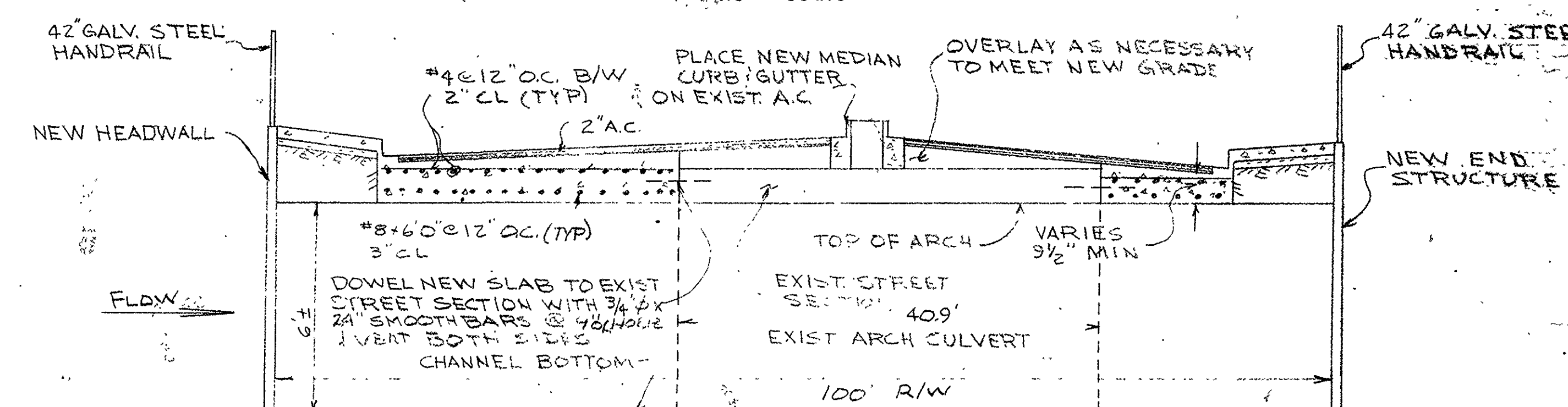
WALL PLAN



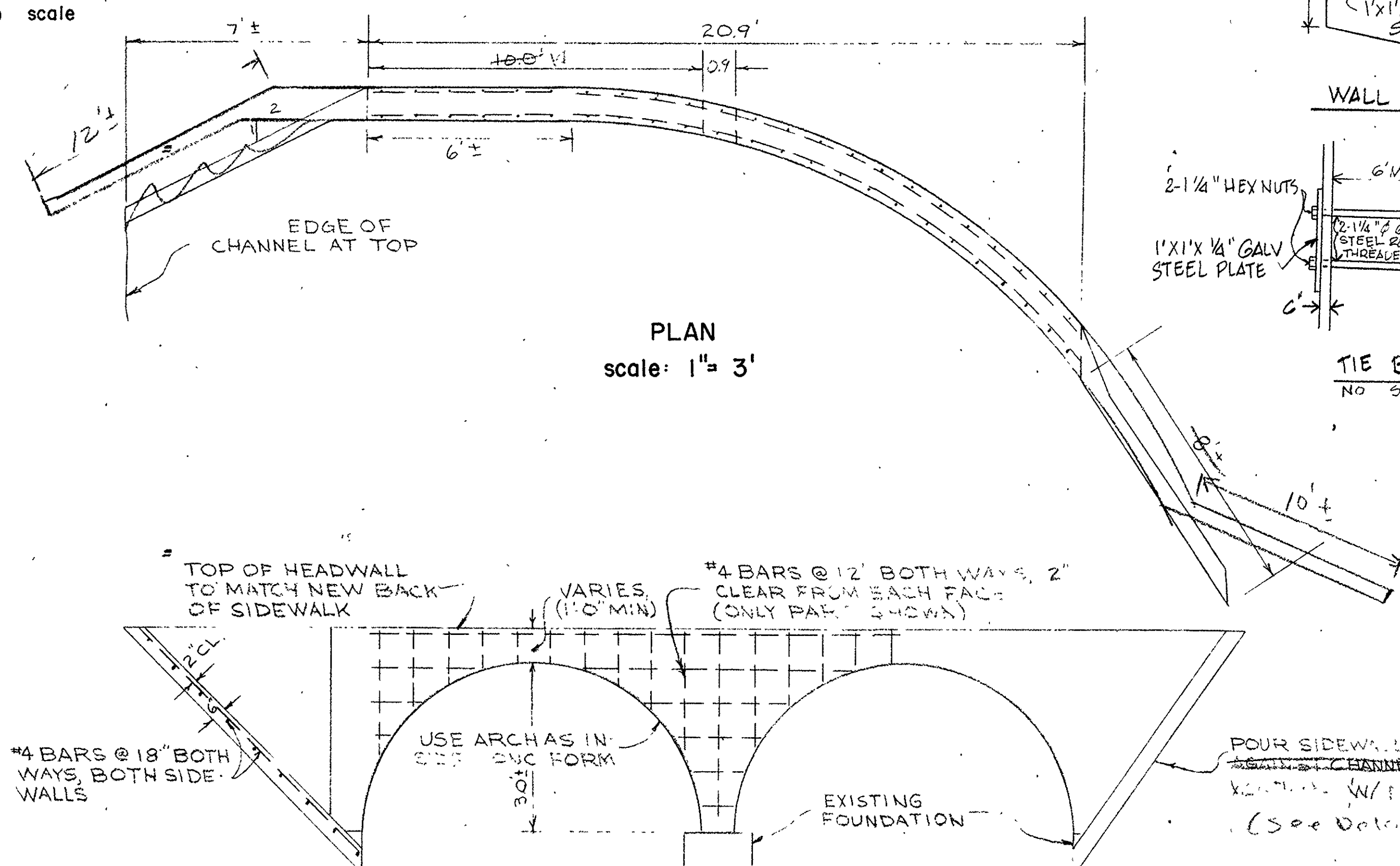
TIE BACK DETAIL  
NO SCALE



TYPICAL LONGITUDINAL SECTION  
no scale



TYPICAL CROSS SECTION  
no scale



PLAN  
scale: 1" = 3'

ELEVATION  
scale: 1" = 3'

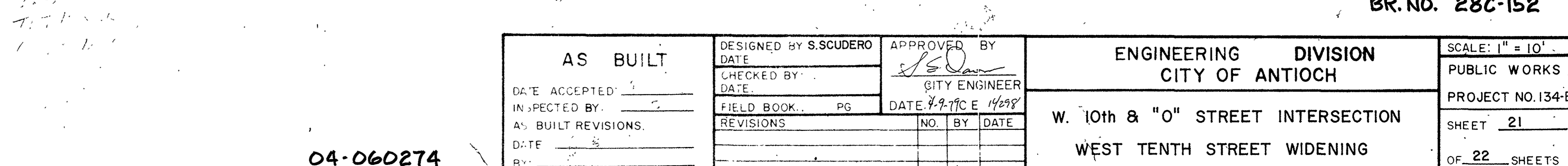
REINFORCED CONCRETE HEADWALL

REINFORCED CONCRETE SLAB

FAIR CREEK  
BR. NO. 28C-152

| <b>AS BUILT</b><br><br>DATE ACCEPTED: <u>4-24-61</u><br>INSPECTED BY: <u>SKS</u><br><br>AS BUILT REVISIONS:<br><br>DATE: <u>6-8-81</u><br><br>BY: <u>SKS</u> | DESIGNED BY: <u>S.E. SCUDLARK</u><br>DATE: _____<br>CHECKED BY: _____<br>DATE: _____<br>FIELD BOOK: PG. _____<br>REVISIONS: _____<br><u>ADDED NOTE #6</u><br><u>ADDED REVISION DETAILS!</u><br><u>NOTE #5</u> | APPROVED BY: <u>J.E. DARR</u><br>CITY ENGINEER<br>DATE: <u>1-29-61 C.E. 1498</u> <table><tr><th>NO.</th><th>BY</th><th>DATE</th></tr><tr><td><u>1</u></td><td><u>SKS</u></td><td><u>3-22-79</u></td></tr><tr><td><u>2</u></td><td><u>SKS</u></td><td><u>6-11-79</u></td></tr></table> | NO.            | BY | DATE | <u>1</u> | <u>SKS</u> | <u>3-22-79</u> | <u>2</u> | <u>SKS</u> | <u>6-11-79</u> | <b>ENGINEERING DIVISION</b><br><b>CITY OF ANTIOCH</b><br><br>ARCH CULVERT EXTENSION AND<br>REINFORCED CONCRETE SLAB<br>WEST TENTH STREET WIDENING | SCALE:<br><b>PUBLIC WORKS</b><br>PROJECT NO. 134-<br>SHEET <u>20</u><br>OF <u>22</u> SHEETS |
|--|---|---|----------------|----|------|----------|------------|----------------|----------|------------|----------------|---|---|
|  | NO.   | BY  | DATE           |    |      |          |            |                |          |            |                |   |   |
|  | <u>1</u>  | <u>SKS</u>  | <u>3-22-79</u> |    |      |          |            |                |          |            |                |   |   |
|  | <u>2</u>  | <u>SKS</u>  | <u>6-11-79</u> |    |      |          |            |                |          |            |                |   |   |

04-060274



2. Place clean fill and compact to 90 % behind new headwall and wing wall on south side as directed in field.

| <p>AS BUILT</p> <p>DATE ACCEPTED: _____</p> <p>INSPECTED BY: _____</p> <p>AS BUILT REVISIONS.</p> <p>DATE: _____</p> <p>BY: _____</p> | <p>DESIGNED BY S.SCUDERO</p> <p>DATE _____</p>   | <p>APPROVED BY</p> <p><i>[Signature]</i></p> | <p>ENGINEERING DIVISION</p> <p>CITY OF ANTIOCH</p> <p>W. 10th &amp; "O" STREET INTERSECTION</p> <p>WEST TENTH STREET WIDENING</p> | <p>SCALE: 1" = 10'</p>  |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
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|   | <p>CHECKED BY _____</p> <p>DATE _____</p>  | <p>CITY ENGINEER</p>                         |   | <p>PUBLIC WORKS</p>     |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
|   | <p>FIELD BOOK.. PG _____</p>   | <p>DATE 8-9-19CE 14298</p>                   |   | <p>PROJECT NO.134-4</p> |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
|   | <p>REVISIONS</p> <table border="1"> <thead> <tr> <th></th> <th>NO.</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |  |   | NO.                     | BY   | DATE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p>SHEET 21</p> |
|   |  | NO.  |   | BY                      | DATE |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |
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| <p>OF 22 SHEETS</p>   |  |  |   |                         |      |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |

04-060274