

186 Moose Lane Durango, CO 81303 970-259-8644 970-259-8633 fax

# Addendum #1

Date: November 19, 2021

Project: Offsite Waterline Supply

**Lukachukai Community School Replacement** 

Location: Indian Route 12

Lukachukai, AZ 86507

This addendum modifies the Bid Documents produced by Dekker/Perich/Sabatini Ltd. dated September 3, 2021. Acknowledge receipt of this addendum on your bid proposals. Failure to do so may subject proposals to disqualification. All other provisions of the Bid Documents shall remain unchanged.

\_\_\_\_\_\_

# 1. NTUA Comments

- a. NTUA has provided review comments. Please see the attached letter from NTUA and plan sheets G-01, C-01, C-02, C-03, C-04, C-05, C-06, C-07, C-08.
- b. Additional comments from NTUA on plan sheets C-01, C-02, C-03, C-04, C-05, C-06, C-08, D-3, D-4.

# 2. Wage Rates

a. Please uses the "HEAVY" category of Davis Bacon wages attached to this addendum.

# 3. Rock Excavation

a. There will be rock encountered on the waterline project. NEZ/FCI encountered rock on the school site project. We utilized a company for rock trenching.

Bidders should contact:

InterMountain West Civil Constructors, Inc.

1564 N Alma School Road - Suite 200

Mesa, Arizona 85201

602-888-0169

# 4. Water

a. Bidders should include obtaining their own non-potable water permit. Water for the school project was pulled from Tsaile Lake.

# 5. Stormwater/Surveying/Testing

- a. FCI will cover final reseeding of disturbed areas. Bidders should include construction BMP's.
- b. FCI will cover surveying for the waterline.
- c. Owner will be covering the costs for 3<sup>rd</sup> party testing.

### 6. On-site Concrete Batch Plant

a. The batch plant on the school site will **NOT** be available for the waterline project. It will be demobilized on January 1, 2022. All remaining concrete to be poured on the school site will come from Chinle. If concrete is needed for the waterline project, it will have to be imported from Chinle.

# 7. Proposals, please indicate the following:

- a. Bidders are asked to provide their estimated duration.
- b. Bidders should also provide delivery dates for long lead items.
- c. Bidders should also indicate any potential price increases if vendors can provide that information.

### **End of Addendum**

List of Attachments:

Letter from NTUA dated 11-12-2021

Revised plan sheets G-01, C-01, C-02, C-03, C-04, C-05, C-06, C-07, C-08

Additional comments from NTUA C-01, C-02, C-03, C-04, C-05, C-06, C-08, D-3, D-4

Wage Rates



# NAVAJO TRIBAL UTILITY AUTHORITY

AN ENTERPRISE OF THE NAVAJO NATION

November 12, 2021

Lukachukai Community Board of Education, Inc. Lukachukai Community School (LCS) Attn: Carmen L. Jodie, LCS School Principal Navajo Route 13, PO Bos 230 Lukachukai, Arizona 86507

RE: LCS & NHA Offsite Waterline, Lukachukai AZ - NTUA-HQ Review @ 'Pre-Final' Submittal

Dear Ms. Jodie:

The Navajo Tribal Utility Authority (NTUA) Headquarters (HQ) received the 'Pre-Final' submittal plan set for the subject projects shown above which includes the joint offsite waterline design for both the Lukachukai Community School (LCS) project and the Navajo Housing Authority (NHA) AZ.12-200 Subdivision project respectively. The review of the pre-final design stage is complete and our review comments are listed below. Please incorporate these comments with corrections per our recommendations for the next submittal.

# **General Comments:**

Route N.12 Highway ROW: Show the highway right-of-way lines on each plan sheet (typ).

# **Sheet G-01 (Cover Sheet):**

1. Title: Update the project title to include reference of the NHA project as shown on the cover sheet.

# Sheet C-01 (P&P Sta. 10+00 to Sta. 21+00):

- 1. Ex. 6" PVC C900 W/L: Adjust/fix the ex. 6" transmission line alignment as shown on the plan sheet,
- 2. Show the required PRV data table on this Sheet C-01. The table shall include the PRV name/number, the size(s) which include the bypass, and the inlet and outlet settings.
- 3. Plan Keyed Notes #4 & #20: Justify the additional pressure relief valve & vault. (Surge Relief Valve Station per Dwg. 2353 on Sheet D-04) See Waterline Connection Detail review comments below.
- 4. Ex. 2" PVC W/L label: Also callout to be 'abandoned in-place' as shown on the plan sheet.
- 5. Sta. 20+05.00 (Proposed in-line 6" Gate Valve): Remove this proposed G.V. as it will not be required per IHS design standard for gate valve installations at 5,280-ft (1 mi.) segment increments or a change in design grade elevation of more than >50-ft vertically, or major alignment P.I./bend areas.
- 6. Keyed Notes: Make corrections to the key note descriptions as shown on the plan sheet.

# Waterline Connection Detail:

- 1. Sta. 10+00 (Tapping Pt.): Tapping saddle not approved. Utilize 6" Tee, DI, MJ, w/ Thrust Block. Hot tap not approved, the ex. 6" high-pressured transmission line must be isolated and depressurized before tapping with the new 6" tee w/ transition piping & couplings as shown on the detail comments.
- 2. The ex. 6" high-pressured transmission line's current dynamic/static pressures must be checked and verified. Install the appropriate pressure rated PVC C900 pipe. Ductile iron application not approved.
- 3. Sta. 10+49.96 (Proposed 6" PRV w/in Manhole): Justify the additional pressure relief valve & vault. (Surge Relief Valve Station per Dwg. 2353 on Sheet D-04) These facilities are not required per the planned PRV @ Sta. 10+62.13 which should suffice the high-pressure incoming flow to the new 6" PVC C900 waterline. This is not an NTUA standard. The operating District Office will not operate & maintain (O&M) this facility.
- 4. Edit/add the additional minor text items/labels on the detail, as shown.

# Profile:

Proposed 11.25° Bends (Sta's 11+36, 11+56, 11+60, 11+78): Justify why these proposed bends
are being installed at these Sta's. These bends are not shown on the plan view. If the bends are per
vertical realignments for what looks to be a minor local drainage ditch, also callout on the plan view.

# Sheet C-02 (P&P Sta. 21+00 to Sta. 32+00):

- 1. Ex. 2" PVC W/L: Callout the ex. 2" waterline **only** from Sta. 21+00 to Sta. 26+30(+/-). This approximate Sta. area is where the ex. 2" waterline ends. Adjust/fix the ex. 2" waterline alignment to end here, as shown on the plan sheet. Also callout to be 'abandoned in-place' as shown. Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 26+30(+/-) to Sta. 32+00, which is the matchline for this sheet. This does not exist in the field.
- 2. EOL for ex. 2" W/L: Blow up the EOL area with a detail bubble as shown on the plan sheet. Show/add the detail bubble review comments as shown per the ex. water facilities near the EOL.
- 3. Ex. Curb Stop at ex. Homesite: The ex. curb stop to remain, protect in-place. The new 6"x1" saddle tap on the new 6" water main will align directly in-line w/ the ex. curb stop location. Future water service re-connection will utilize the ex. curb stop. Also, label the House No. # and/or Homeowner name (typ).
- 4. New 6" PVC C900 W/L alignment: At or near Sta. 26+40(+/-), align the new 6" water main into the centerline of the new 30-ft water easement/ROW here. See plan sheet/detail bubble for reference.
- 5. Planned/future bends on the new 6" water main: The Sta. locations of the bends will change per the shift of the 6" water main into the center of the 30-ft water easement. Adjust the Sta. locations.
- 6. Sta. 26+38.08 (6"x2" service saddle): Where/who will this 2" water service alignment be routing to?
- 7. Sta. 30+05.00 (Proposed 6" in-line Gate Valve): Move/revise this gate valve to 3-ft downstream of the revised bend area once the 6" water main alignment shifts to the centerline of the 30-ft water easement, as shown in the requested future detail bubble of the EOL area of the ex. 2" waterline.
- 8. Ex. Frontier telecommunications/fiber line: Upon visual field verification, there looks to be an underground (UG) telecommunications line field marked w/ orange marking paint and ex. pedestals. Show this ex. Frontier line in relation to the planned 6" water main on the plan. May require coordination with the local Frontier utility office. The line looks to be following the NHA survey stakes going northbound to the next homesite residence. Possible conflict and/or Frontier relocation.
- 9. Keyed Notes: Make corrections to the keynote descriptions as shown on the plan sheet.

# Profile:

1. Planned fitting symbols: Show/label the saddle and bend symbols in the profile, as shown.

# Sheet C-03 (P&P Sta. 32+00 to Sta. 43+00):

# Plan:

- 1. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 32+00 to Sta. 43+00, which are the matchlines for this sheet. This does not exist in the field.
- 2. New 6" PVC C900 W/L alignment: From Sta. 32+00 to Sta. 43+00 (matchlines for this sheet), align the new 6" water main at the centerline of the new 30-ft water easement/ROW.
- 3. Sta. 40+05.00 (Proposed 6" in-line Gate Valve): Move/revise this gate valve to 3-ft downstream of the planned 45° degree bend at Sta. 39+25.67.
- 4. Future Homesite water service: Label the House No. # and/or Homeowner name (typ).

  Note: this residence is not presently served. No current water service or meter. The keyed note callout #9 for the new 6"x1" service saddle is approved.
- 5. Ex. Frontier telecommunications/fiber line: Upon visual field verification, there looks to be an underground (UG) telecommunications line field marked w/ orange marking paint and ex. pedestals. Show this ex. Frontier line in relation to the planned 6" water main on the plan. May require coordination with the local Frontier utility office. The line looks to be following the NHA survey stakes going northbound to the next homesite residence. Possible conflict and/or Frontier relocation.
- 6. Keyed Notes: Make corrections to the key note descriptions as shown on the plan sheet. Profile:
  - 1. Planned fitting symbols: Show/label the saddle and bend symbols in the profile, as shown.

# Sheet C-04 (P&P Sta. 43+00 to Sta. 54+00):

- 1. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 43+00 to Sta. 47+05(+/-), which is from the left matchline of this sheet to the area where the ex. 2" waterline comes in from the north and bends w/ a 45° degree ell heading southwest towards the EOL of this ex. 2" waterline. This segment does not exist in the field.
- 2. New 6" PVC C900 W/L alignment:
  - From Sta. 43+00 (left matchline) to Sta. 46+45(+/-): Align the new 6" water main at the centerline of the new 30-ft water easement/ROW.
  - From Sta. 46+45(+/-) to Sta. 54+00 (right matchline for this sheet), align the new 6" water main on the eastern side of the incoming northern ex. 2" waterline (5 to 6-ft offset) within the ex. 30-ft water easement/ROW. This is per initial coordination w/ the NHA and its surveyors to minimize encroachment into the ex. Homesites within this alignment area.
- 3. Ex. northern 2" PVC W/L label (from Sta. 47+05(+/-) to right matchline Sta. 54+00): Also callout this particular waterline to be 'abandoned in-place' as shown on the plan sheet.
- 4. The ex. 2" waterline segment after the 45° degree bend to the EOL that serves the ex. Homesite with the maroon roof near Sta. 45+00 is to remain. Show this ex. 2" waterline and the ex. 30-ft water easement/ROW on the plan as shown. Also show the ex. flush valve and ex. curb stop at the EOL.

- 5. The reconnection of the ex. 2" waterline (Line "B")to the new 6" water main shall be accomplished by installing a new 6"x2" Tee at/near Sta. 47+00 and a new 2" Gate Valve at 3-ft downstream of the new tee as shown on the plan sheet. After the new gate valve, install new 2" PVC SDR-21 pipe as needed to where the new 2" branch intersects with the ex. 2" waterline alignment. At this point, install a new 45° bend w/ a min. 5-ft segment of 2" PVC SDR-21 transition piping w/ appropriate 2" coupling to re-connect back to the ex. 2" waterline serving the Homesite at the EOL.

  It is requested to blow up this new P.I. area with a detail bubble as shown on the plan sheet.
- Show/add the detail bubble review comments as shown per the ex./new water facilities near this P.I. Ex. Shed at/near Sta. 47+10(+/-) right: The ex. shed assembly will be required to be moved/relocated for the installation of the new 6" water main. The input/advice of the Homesite owner will be requested for the relocation of the shed to an alternate site outside the ex. 30-ft water easement/ROW.
- 7. Sta. 50+05.00 (Proposed 6" in-line Gate Valve): Move/revise this gate valve to 3-ft downstream of the revised reconnection branch of the ex. 2" waterline that is to remain, at/near Sta. 47+00(+/-).
- 8. Ex. Curb Stops at ex. Homesites: The ex. curb stops are to remain, protect in-place. The new 6"x1" saddle taps on the new 6" water main will align directly in-line w/ the ex. curb stop locations. Future water service re-connections will utilize the ex. curb stops. Also, label the House No's. # and/or Homeowners names (typ).
- 9. Ex. 2" Gate Valve on the ex. 2" waterline (Line "B") to be abandoned at/near Sta. 53+05(+/-) is to be removed and salvaged back to the NTUA Chinle District Office.
- 10. Keyed Notes: Make corrections to the key note descriptions as shown on the plan sheet. Profile:
  - 1. Planned fitting symbols: Show/label the new service saddles and all bend symbols in the profile, as shown.

# Sheet C-05 (P&P Sta. 54+00 to Sta. 65+00):

- 1. New 6" PVC C900 W/L alignment: From Sta. 54+00 to Sta. 63+45 (+/-), align the new 6" water main on the eastern side of the incoming northern ex. 2" waterline (5 to 6-ft offset) within the ex. 30-ft water easement/ROW. This is per initial coordination w/ the NHA and its surveyors to minimize encroachment into the ex. Homesites within this alignment area.
  - Then after the second 45° bend at/near Sta. 63+50(+/-) to Sta. 65+00 (right matchline for this sheet), align the new 6" water main at the centerline of the new 30-ft water easement/ROW. (The shown ex. 2" waterline does not exist after the 45° bends aligning toward the road crossing for Route N12.
- 2. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from the non-existing 2" x 90° bend to Sta. 65+00, which is from the right matchline of this sheet. This segment does not exist in the field.
- 3. Also show the existing 2" waterline (Line "TW-B") that continues to run northbound as shown on the plan sheet. It is requested to enlarge the viewport in this area to show the ex. Homesite to the north. (House #H-364A Caroline Jim) Once the new 6" water main is in-service and operational, this ex. 2" waterline will end at 10-ft past the ex. water service connection point. At this point a new 2" Flush Valve will be installed for the new EOL.
- 4. Ex. 2" PVC W/L label: Also callout this particular waterline to be 'abandoned in-place' as shown on the plan sheet.

- 5. Sta. 60+05.00 (Proposed 6" in-line Gate Valve): Move/revise this gate valve to 3-ft upstream of the first 45° degree bend at/near Sta. 63+45 (+/-).
- 6. Adjust the Sta's for the planned 45° bends once the 6" water main alignment shifts to the center of the 30-ft water easement as shown. Also show the fitting symbols in the profile below.
- 7. Show the future Homesite near Sta. 59+00/60+00 as shown, but label the homesite not to be served w/ new service saddle as it is not currently connected to the ex. 2" waterline.
- 8. Keyed Notes: Make corrections to the key note descriptions as shown on the plan sheet.

# Profile:

1. Planned fitting symbols: Show/label the bend symbols in the profile, as shown.

# Sheet C-06 (P&P Sta. 65+00 to Sta. 76+00):

# Plan:

- 1. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 65+00 to Sta. 76+00, which are the matchlines for this sheet. This does not exist in the field.
- 2. New 6" PVC C900 W/L alignment: From Sta. 65+00 to Sta. 76+00 (matchlines for this sheet), align the new 6" water main at the centerline of the new 30-ft water easement/ROW.
- 2. General Comment: Show the highway right-of-way lines on each plan sheet (typ).
- 3. Show the requested 100-ft expanded road crossing for boring operations. Coordinate this expanded crossing permit w/ the BIA Chinle Agency DOT.
- 4. Show and callout the planned steel casing from highway ROW-to-ROW as shown.
- 5. Planned Gate Valves at End-of-Casing locations: Move/revise the road crossing gate valve locations to 3-ft min. outside highway ROW lines, as shown.
- 6. Plan Keyed Notes #14 (Bore Pit): On the plan, show/label the bore pit descriptions on the keyed note (Launch Pit/Receiving Pit) as shown.
- 7. Sta. 70+05.00 (Proposed 6" in-line Gate Valve): Move/revise this gate valve to 3-ft downstream of the second 45° degree bend at/near Sta. 69+14.09 (+/-).

## Profile:

1. Planned fitting symbols: Show/label the bend symbols in the profile, as shown.

# Sheet C-07 (P&P Sta. 76+00 to Sta. 87+00):

## Plan:

- 1. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 76+00 to Sta. 87+00, which are the matchlines for this sheet. This does not exist in the field.
- 2. New 6" PVC C900 W/L alignment: From Sta. 76+00 to Sta. 87+00 (matchlines for this sheet), align the new 6" water main at the centerline of the new 30-ft water easement/ROW.
- 3. General Comment: Show the highway right-of-way lines on each plan sheet (typ).
- 4. Ex. Waterlines not-shown: Show and label the ex. waterlines that exist in the field as shown on the plan sheet.
- 5. Sta. 80+05.00 (Proposed in-line 6" Gate Valve): Remove this proposed G.V. as it will not be required at this location.

### Profile:

1. Ex. 6" waterline crossing: Show/label the ex. waterline in the profile, as shown.

# Sheet C-08 (P&P Sta. 87+00 to Sta. 92+60):

# Plan:

- 1. Non-existing 2" PVC W/L: Delete/erase the shown ex. 2" waterline alignment that is shown from Sta. 87+00 to Sta. 92+60. This does not exist in the field.
- 2. New 6" PVC C900 W/L alignment: From Sta. 87+00 to Sta. 92+60, align the new 6" water main at the centerline of the new 30-ft water easement/ROW.
- 3. General Comment: Show the highway right-of-way lines on each plan sheet (typ).
- 4. Show the requested 100-ft expanded road crossing for boring operations. Coordinate this expanded crossing permit w/ the BIA Chinle Agency DOT.
- 5. Show and callout the planned steel casing from highway ROW-to-ROW as shown.
- 6. Planned Gate Valves at End-of-Casing locations: Move/revise the road crossing gate valve locations to 3-ft min. outside highway ROW lines, as shown.
- 7. Plan Keyed Notes #14 (Bore Pit): On the plan, show/label the bore pit descriptions on the keyed note (Launch Pit/Receiving Pit) as shown.
- 8. Sta. 90+84.19 (Proposed CAV): Remove this CAV as it will not be required at this location.
- 9. Callout new Hydrant also on plan view at Sta. 90+07.31 LT. Flush valve not approved.
- 10. Callout the future NHA water main downstream of the 6" cross area. Question: Who will be designing this offsite NHA waterline? Coordination may be required w/ the NHA and its client engineer.
- 11. Keyed Notes: Make corrections to the key note descriptions as shown on the plan sheet.

# Waterline Cross Detail:

1. Edit/add the additional minor text items/labels on the detail, as shown

# Profile:

1. Delete/erase the shown ex. 2" waterline, as it does not exist here.

We are requesting a written response to our review and recommendations. Bear in mind that these review comments will ultimately benefit the final construction as-built plan sets that are to be submitted prior to the final inspection and with the transfer package when the project is completed. If any new designs, modifications, or features have been included or added to the design as part of the next submittal, inform the NTUA in your response letter of such additions/revisions so we can make note for the next/final review stage. Please also submit an electronic copy (PDF) of the next submittal package, which includes the written response from your engineer. You may contact us, if you require any additional information and if you have any questions about the Pre-Final design stage review. Thank you for the submittal to NTUA-Headquarters.

Sincerely,

CC:

Adrian Showalter, NTUA-HQ W/WW Constr. Quality Assurance Officer

Enclosures: Reviewed plan sheets

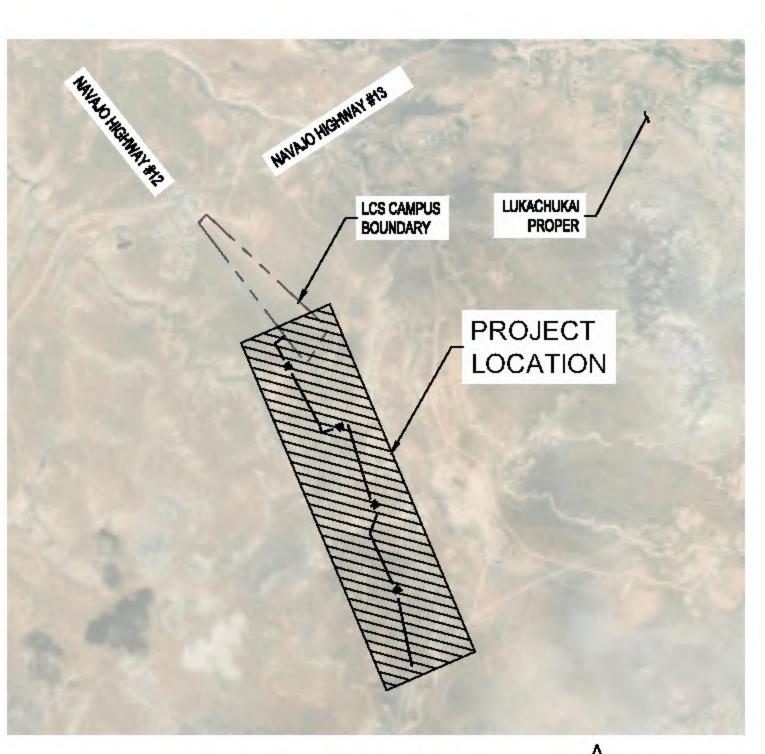
Rex Kontz, Deputy General Manager, HQ-NTUA
Rayni Nelson, Associate Deputy General Manager, HQ-NTUA
Garridyn Henderson, NTUA-HQ DGM Office
David Shoultz, NTUA-HQ W/WW Dept.
Audrey Nelson, NTUA-HQ W/WW Dept.

Alfred Dugi, NTUA Chinle District Office Duane Charles, NTUA Chinle District Office Al Francis, MV PMCM Services, LLC Marvin Redhorse, Redhorse PM Cullen Zion, PM, Nez-FCI constructors Inc.

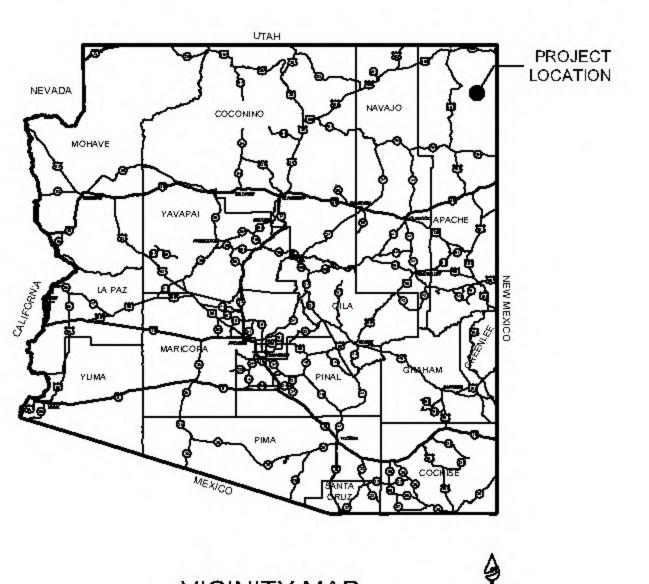
# PRE-FINAL PLANS **FOR** LUKACHUKAI COMMUNITY SCHOOL WATERLINE SUPPLY & NHA AZ.12-200 SUBDIVISION PROJECTS LUKACHUKAI, ARIZONA **OCTOBER 2021**

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	<u>C</u>	IVIL SHEETS		
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LOCATION MAP



SCALE: 1"=80 MILES

DEKKER ₽ERI€H SABATINI

ANCHITECTURE / BUSINES / INSPIRATION

PRE-FINAL

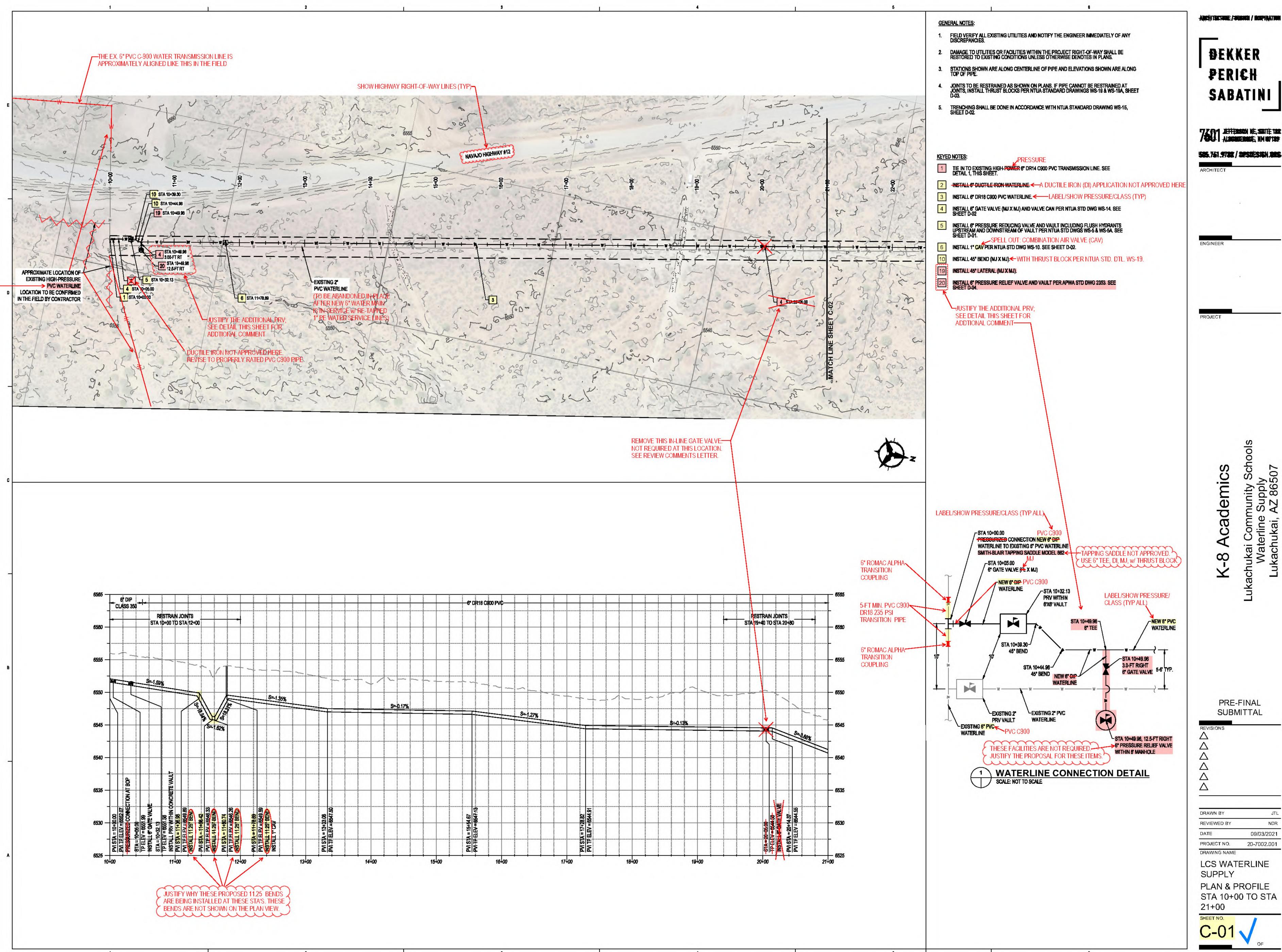
DRAWN BY REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001 DRAWING NAME

LCS WATERLINE SUPPLY **COVER SHEET** 









TRANSMISSION LINE

DEKKER ₽ERI€H SABATINI

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200 NECESTA 200 PER 127 200

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PRE-FINAL

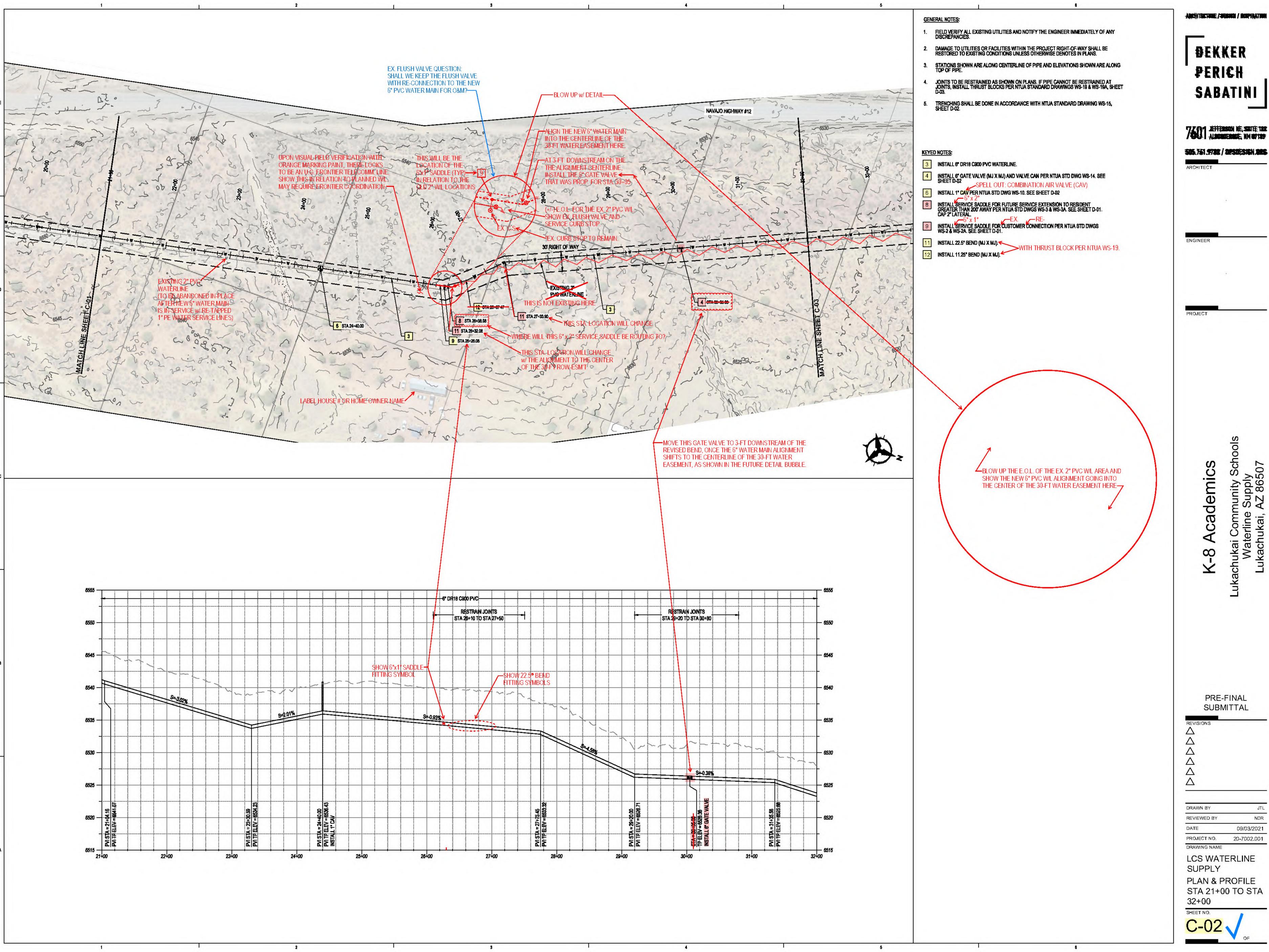
SUBMITTAL

REVISIONS

DRAWN BY REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001 DRAWING NAME

LCS WATERLINE SUPPLY

PLAN & PROFILE STA 10+00 TO STA 21+00



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7601 AMMERICA NA STREET

\$85,741,9788 / \$850,584,885

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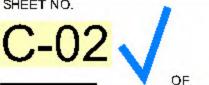
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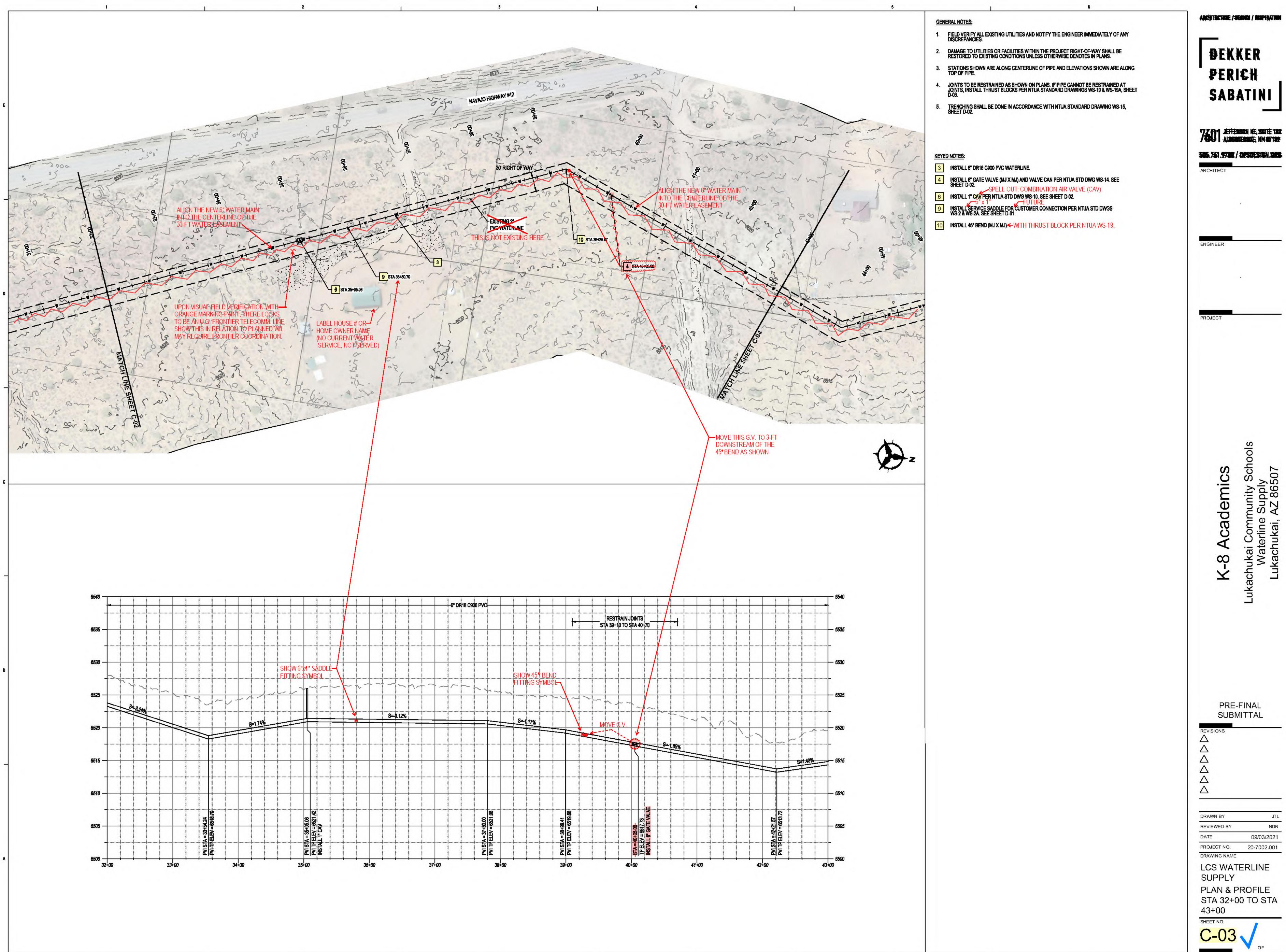
SUBMITTAL

DRAWN BY REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001 DRAWING NAME

LCS WATERLINE SUPPLY

PLAN & PROFILE STA 21+00 TO STA 32+00





**BEKKER** PERICH SABATINI

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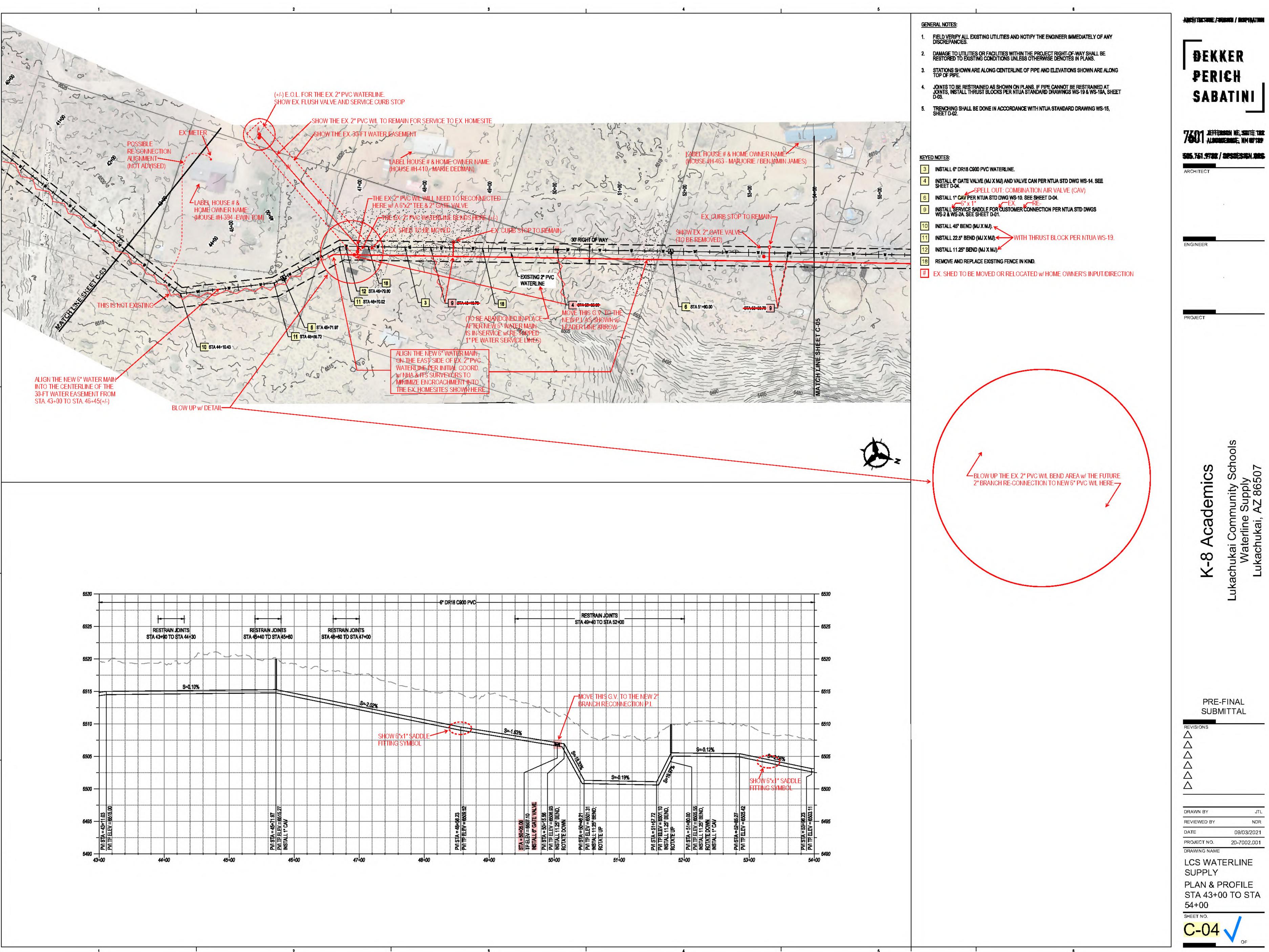
PRE-FINAL SUBMITTAL

DRAWN BY	JTL
REVIEWED BY	NDR
DATE	09/03/2021
PROJECT NO.	20-7002.001
DRAWING NAME	

DRAWING NAME LCS WATERLINE SUPPLY

PLAN & PROFILE STA 32+00 TO STA 43+00





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7701 ATTEND NE SEITE 120 NAMED NE NAMED

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PRE-FINAL

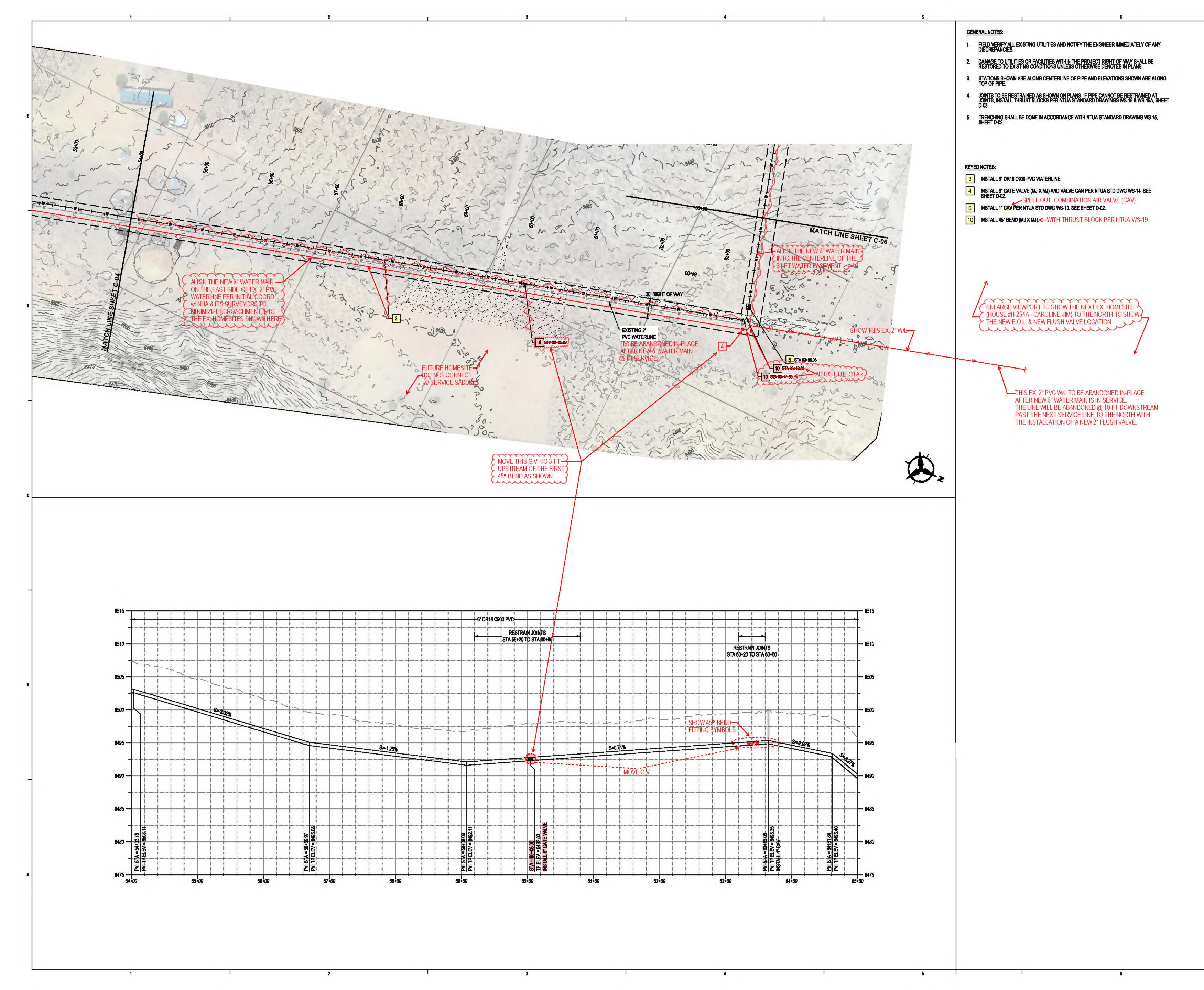
SUBMITTAL

DRAWN BY REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001 DRAWING NAME

LCS WATERLINE SUPPLY

PLAN & PROFILE STA 43+00 TO STA 54+00





**BEKKER** ₽ERI€H SABATINI

ARCHITECTURE / SERSON / MOPPLATION

7501 ATTEMENT IN STATE

585.751.9788 / DESDESIEN.085

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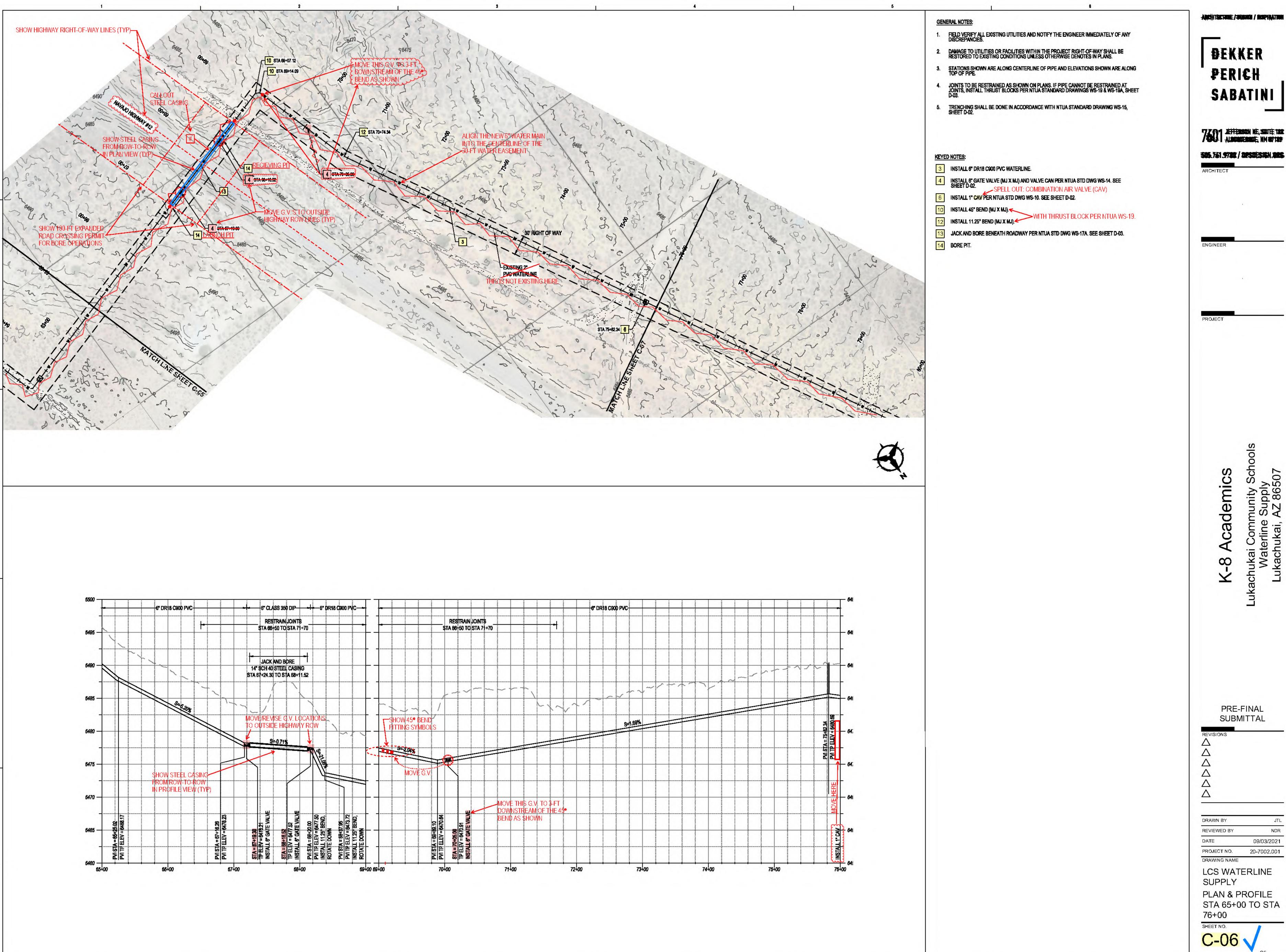
PRE-FINAL SUBMITTAL

DRAWN BY	JTL	
REVIEWED BY	NDR	
DATE	09/03/2021	
PROJECT NO.	20-7002.001	
DRAWING NAME		

DRAWING NAME LCS WATERLINE SUPPLY

PLAN & PROFILE STA 54+00 TO STA 65+00





DEKKER PERICH SABATINI

7501 AMERICA NAME TO STATE TO ALBERTANCE NAME TO STATE TO

585.751.9788 / DESDESIEN.085

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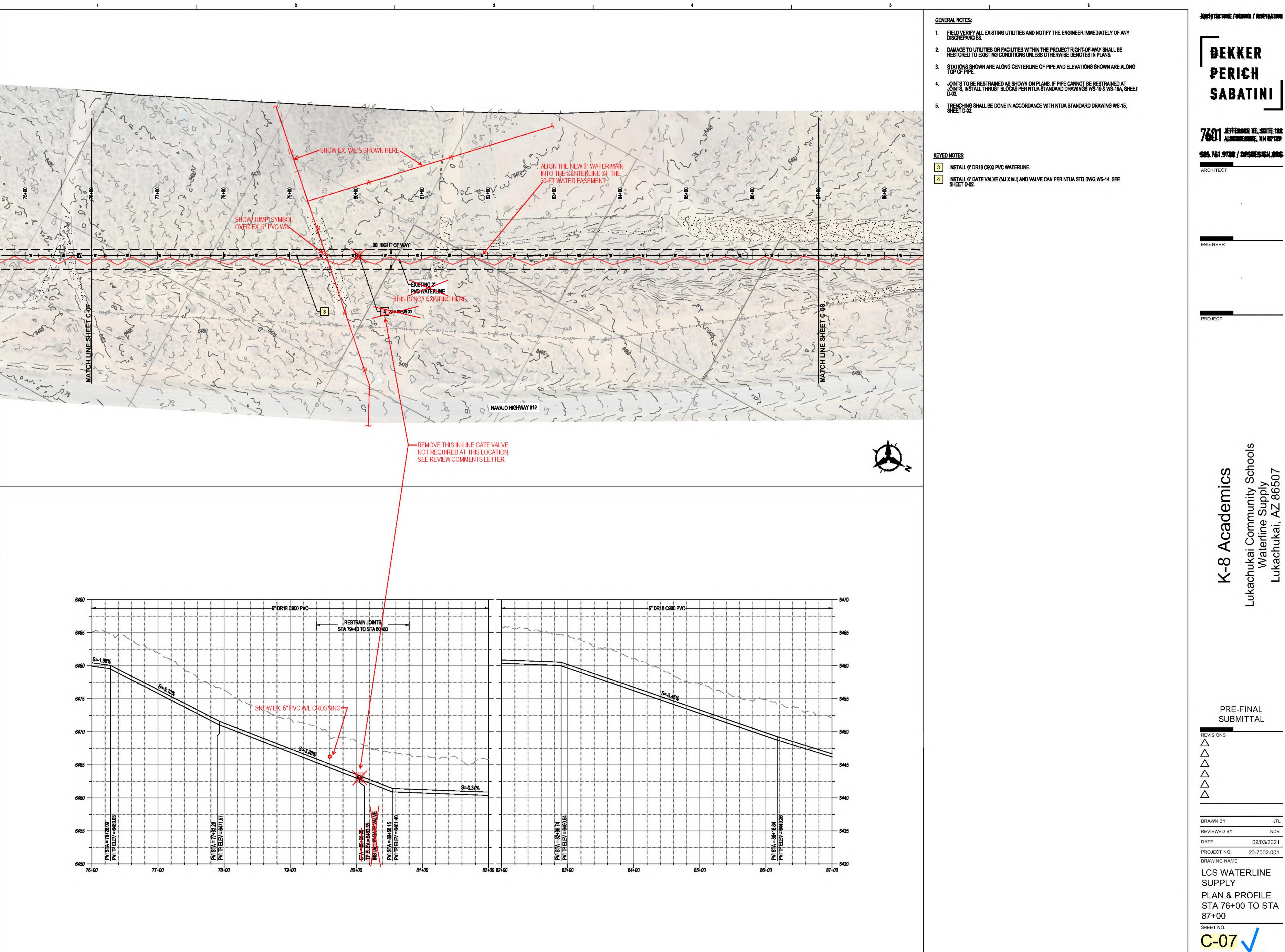
PRE-FINAL SUBMITTAL

DRAWN BY	JTL	
REVIEWED BY	NDR	
DATE	09/03/2021	
PROJECT NO.	20-7002.001	
DRAWING NAME		

DRAWING NAME LCS WATERLINE SUPPLY

PLAN & PROFILE STA 65+00 TO STA 76+00





**BEKKER** PERICH SABATINI

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545,741,9742 / 10/50ESIEN,085

cademics

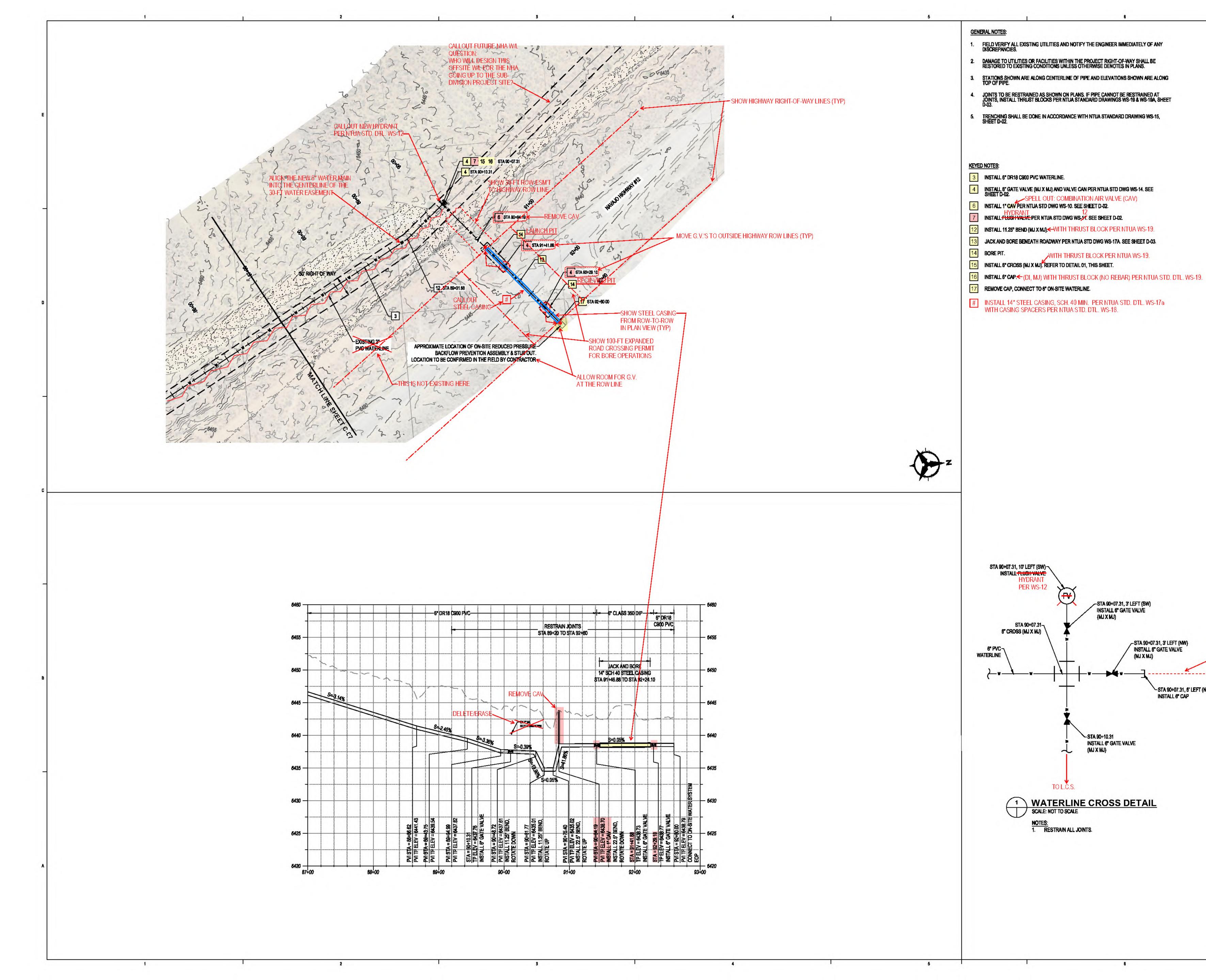
PRE-FINAL SUBMITTAL

DRAWN BY

REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001 DRAWING NAME

LCS WATERLINE SUPPLY

PLAN & PROFILE STA 76+00 TO STA 87+00



DEKKER

₽ERI€H SABATINI

ANCHITECTURE / BEREIN / MORPHATION

7501 AMERICA NA STATE

\$85,741,9788 / \$850,584,885

cademics

SHOW FUTURE NHA W/L

STA 90+07.31, 3' LEFT (NW) INSTALL 6" GATE VALVE

------<del>----------</del>

STA 90+07.31, 6' LEFT (NW) INSTALL 6" CAP

(MJ X MJ)

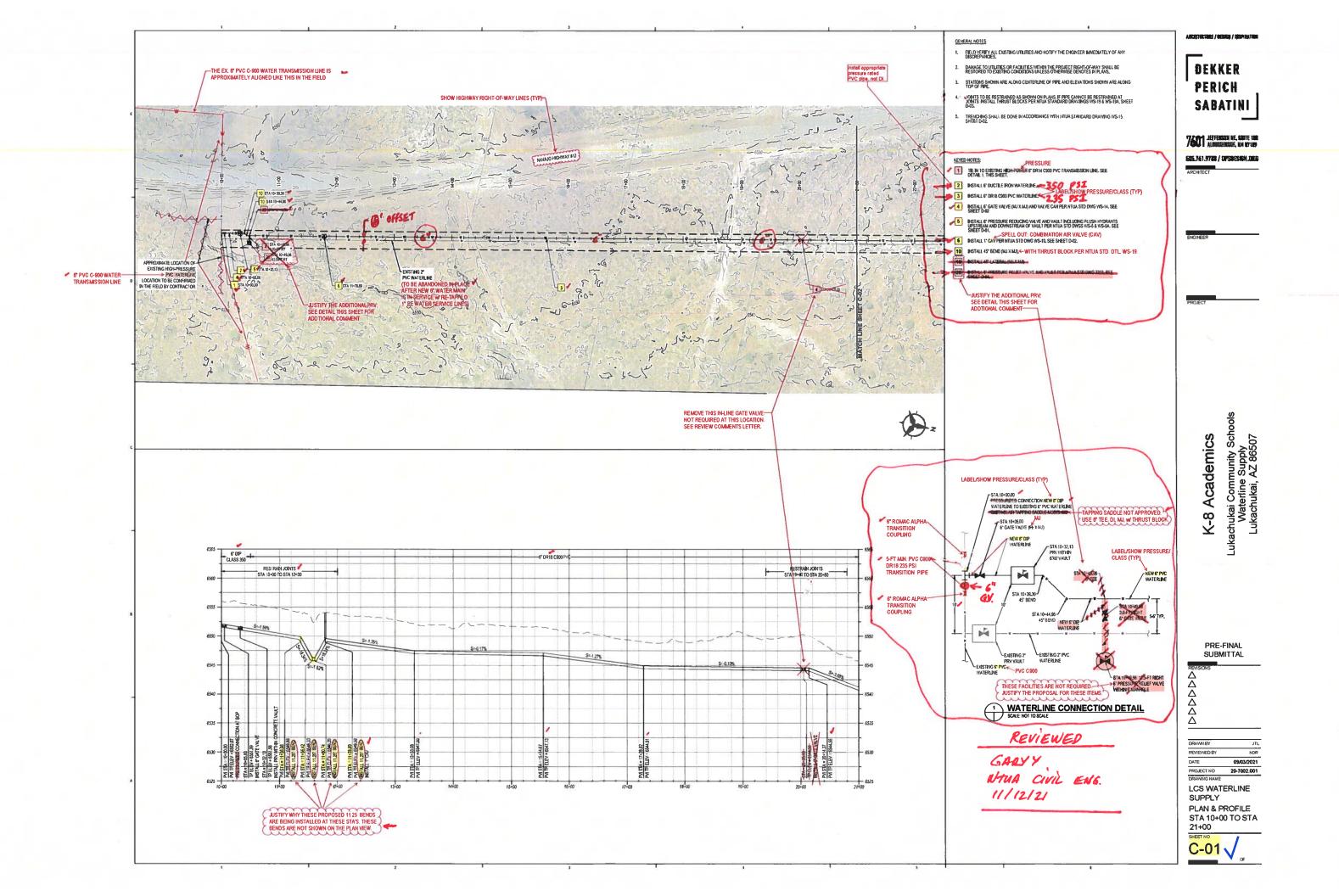
PRE-FINAL

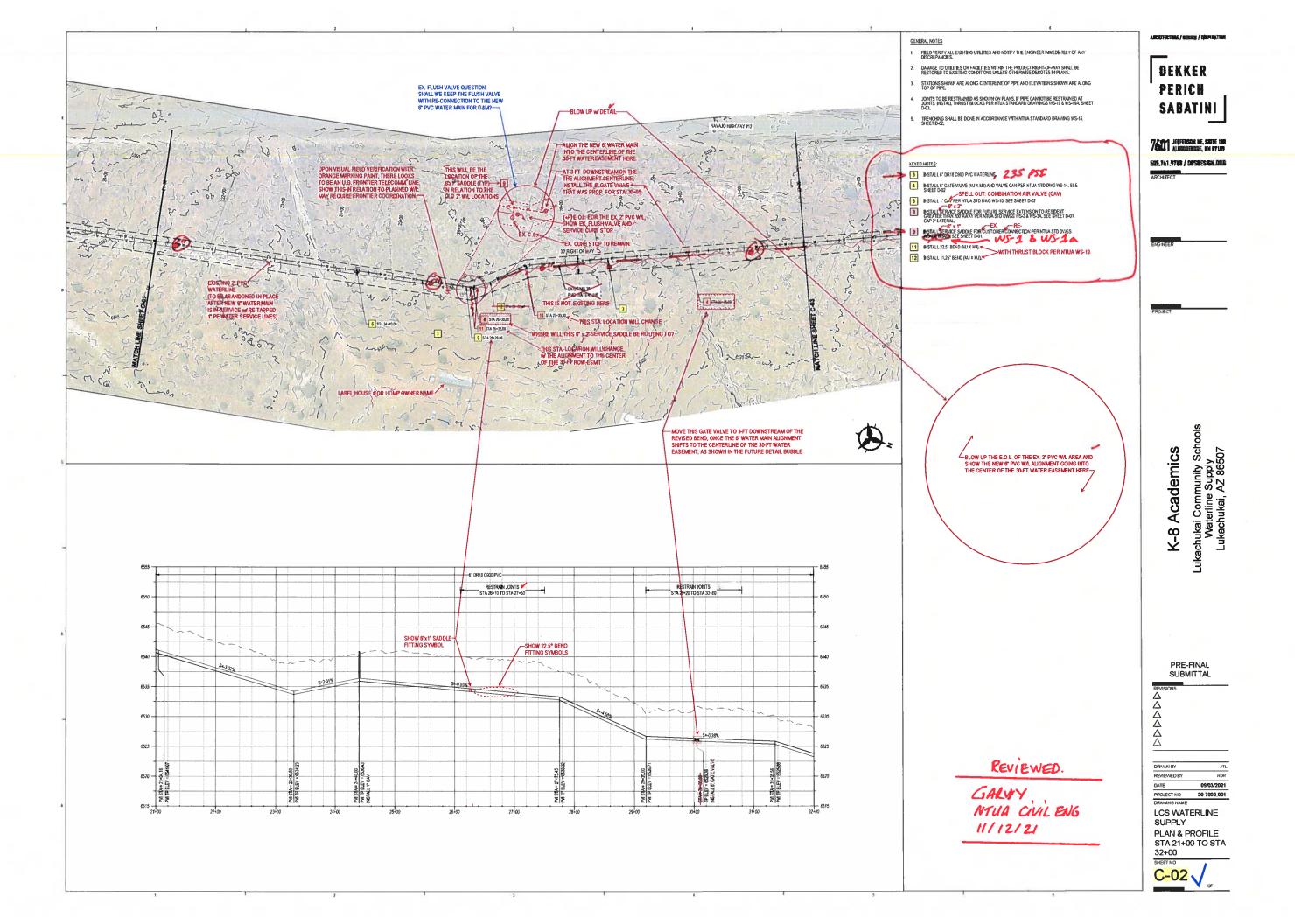
SUBMITTAL

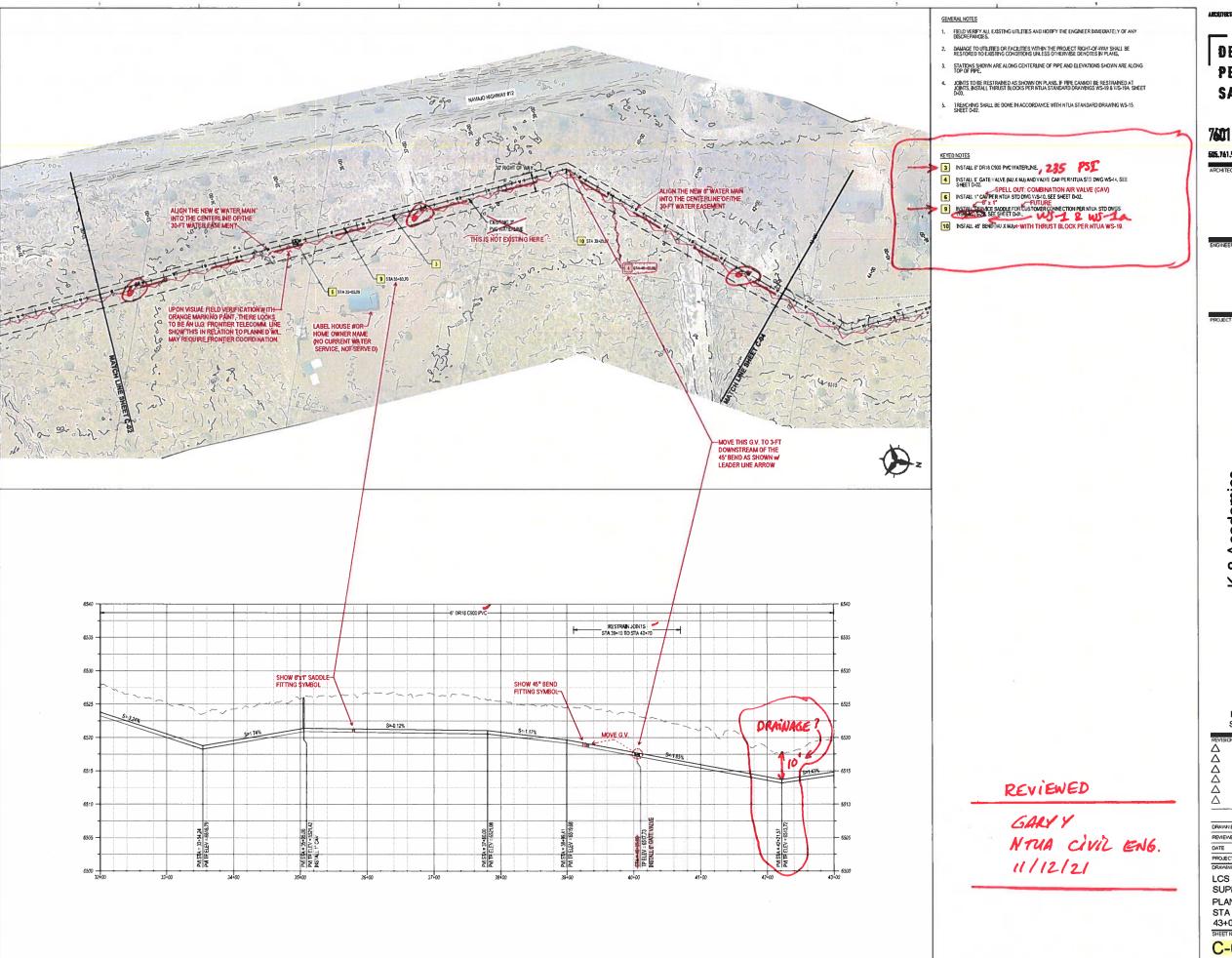
DRAWN BY REVIEWED BY 09/03/2021 PROJECT NO. 20-7002.001

DRAWING NAME LCS WATERLINE SUPPLY

PLAN & PROFILE STA 87+00 TO STA 92+60







DEKKER PERICH SABATINI

7601 LEFFERSON NE, SOUTE 100

505.741.9780 / OPSOESICH.DEG

K-8 Academics
Lukachukai Community Schools
Waterline Supply
Lukachukai, AZ 86507

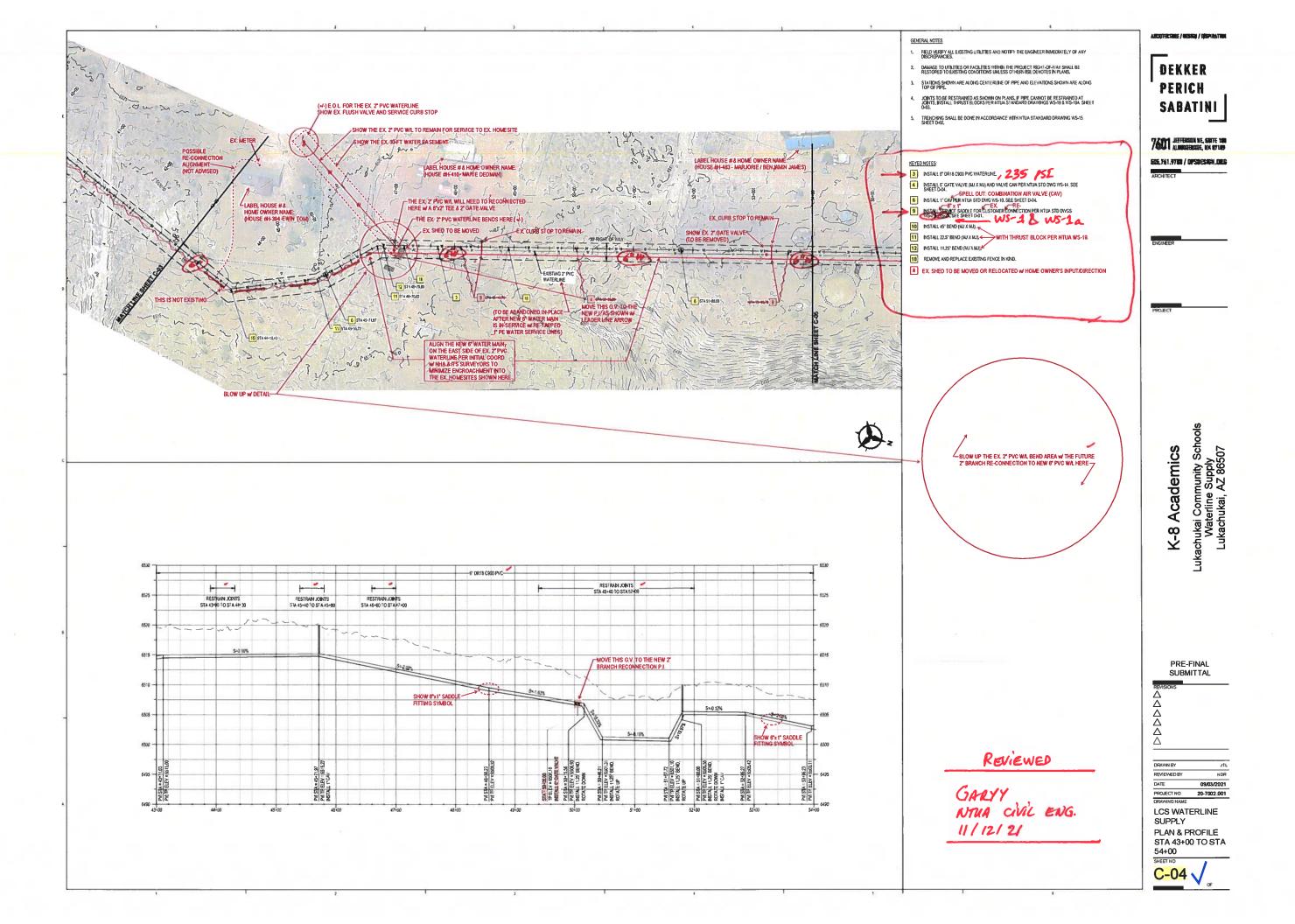
PRE-FINAL SUBMITTAL

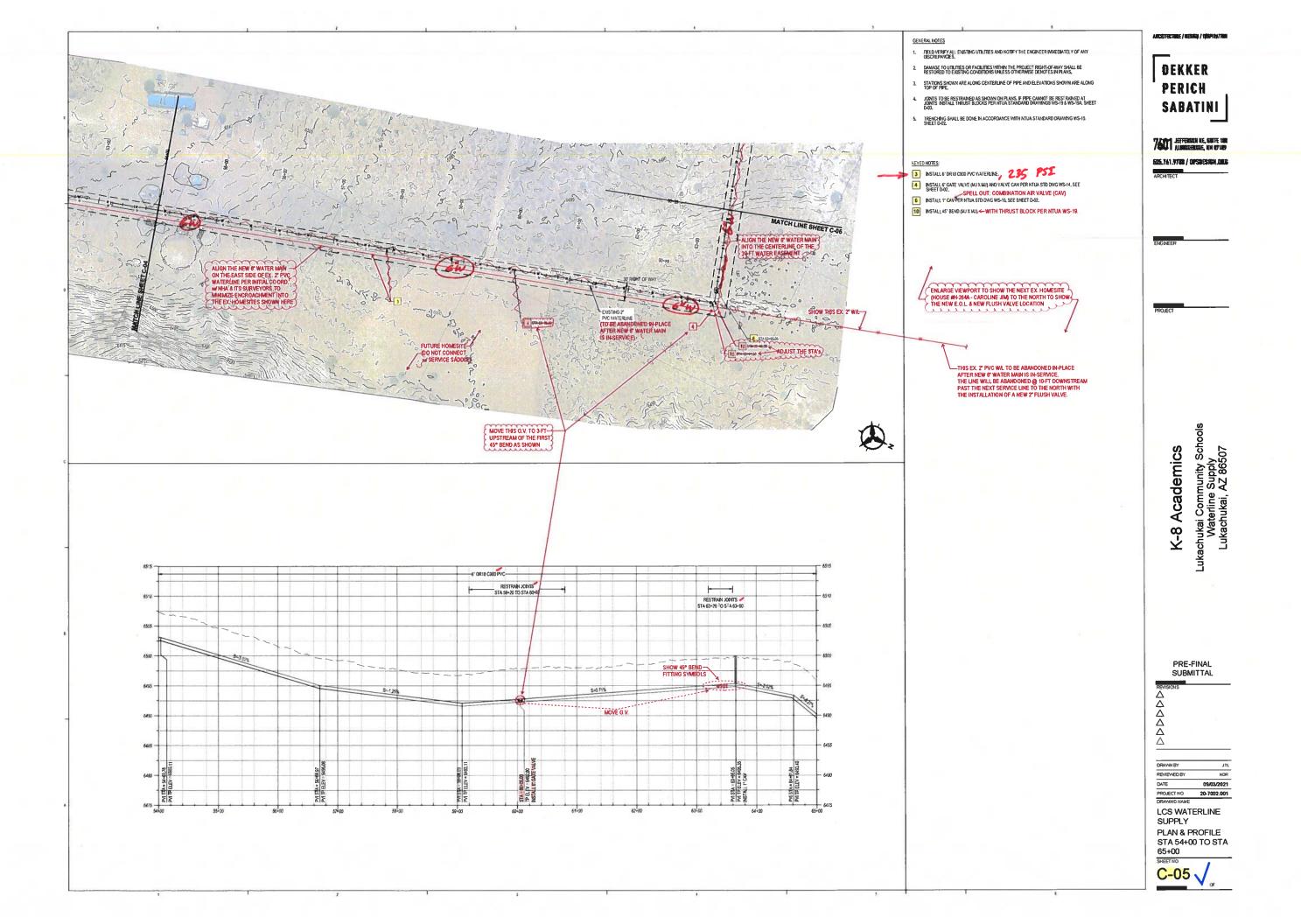
DRAWN BY REVIEWED BY DATE 09/03/2021
PROJECT NO 20-7002.001

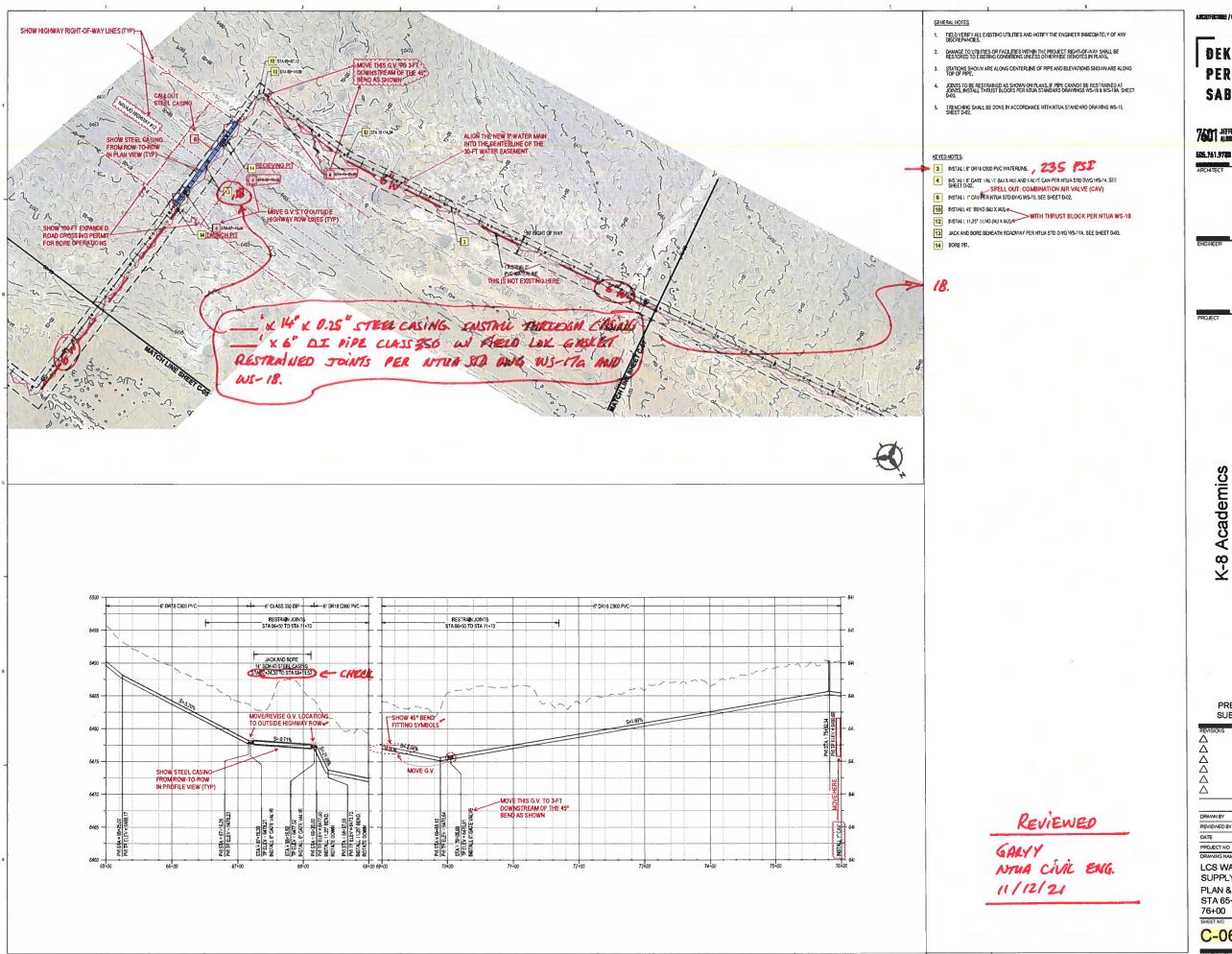
LCS WATERLINE SUPPLY

PLAN & PROFILE STA 32+00 TO STA 43+00









DEKKER PERICH SABATINI

7601 LEFFERSON NE, SWIFE 180

505,741,9788 / OPSSESSH.DES

Lukachukai Community Schools Waterline Supply Lukachukai, AZ 86507 K-8 Academics

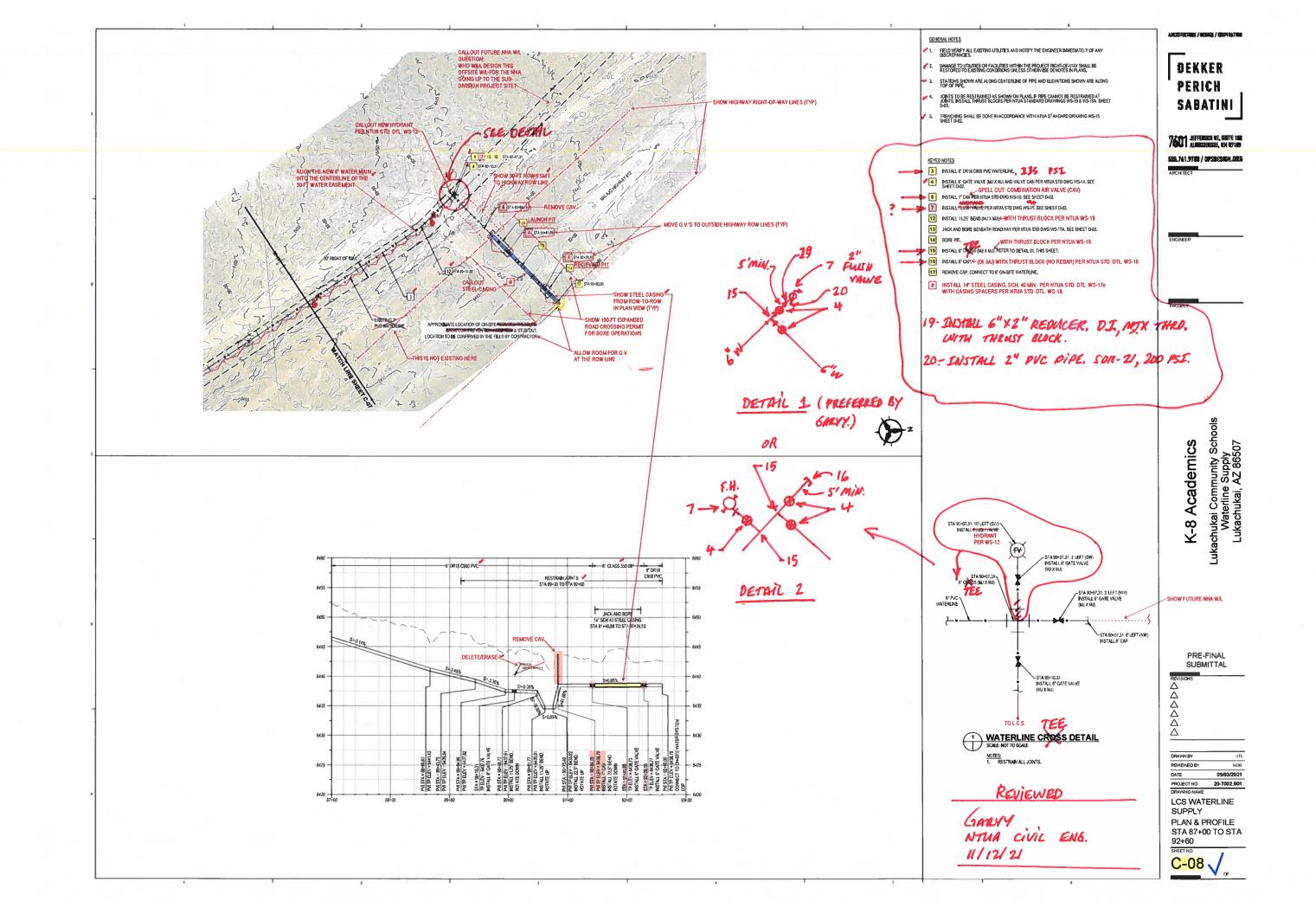
PRE-FINAL SUBMITTAL

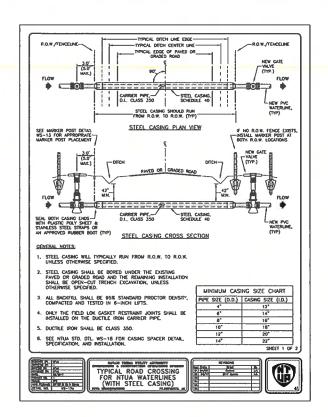
PROJECT NO 20-7002,001

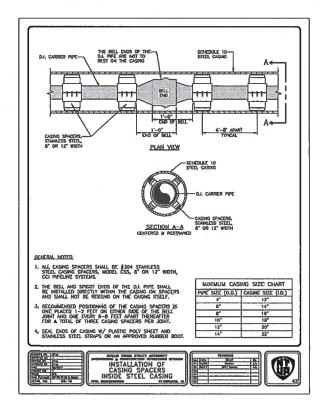
LCS WATERLINE SUPPLY

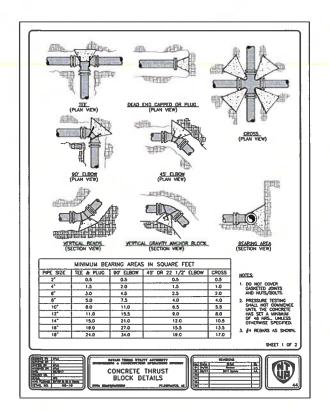
PLAN & PROFILE STA 65+00 TO STA

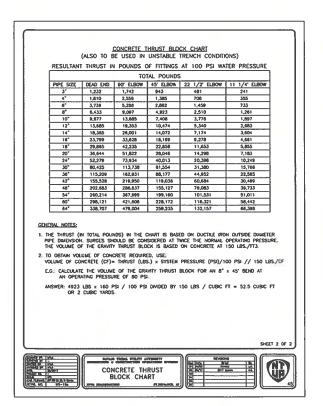


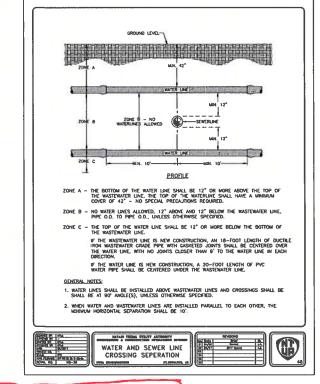












INCLUDE STANDARD DING:

WS-1a

GARYY NTUA CIVIL ENG. 11/12/21 DEKKER PERICH SABATINI

ALGORIZATION NE. CONTRE 1000 ALGORIZATION NE. CONTRE 1000 ALGORIZATION NE. CONTRE 1000 ACCURATE 1000

ARCHITECT

PROJE

K-8 Academics
Lukachukai Community Schools
Waterline Supply
Lukachukai, AZ 86507

PRE-FINAL SUBMITTAL

REVISIONS

A

A

A

 ORAWN BY
 JTL

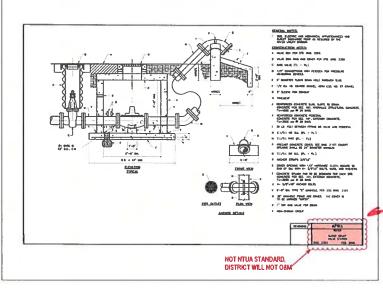
 REVIEWED BY
 NDR

 DATE
 09/03/2021

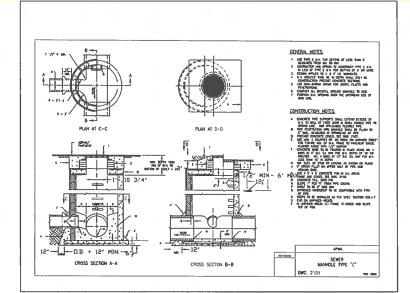
 PROJECT NO
 20-7002-001

LCS WATERLINE SUPPLY NTUA STANDARD DRAWINGS (3)

D-03

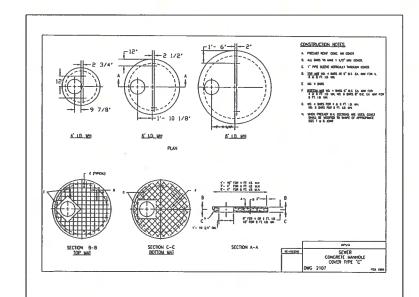


NEED TO SHOW IF SPV IS NEEDED.



### NOTES:

- CONSTRUCTION NOTES A AND B DO NOT APPLY TO THIS PROJECT, GATE VALVE, VALVE BOX, AND VALVE BOX COLLAR TO BE INSTALLED IN ACCORDANCE WITHINTUA STANDARD DETAIL VIS-14, DO NOT REFERENCE AP NA STANDARD DETAILS 2226 OR 2228.
- 2. CONSTRUCTION NOTE CIDDES NOT APPLY TO THIS PROJECT, GATE VALVE SHALL BE MJ X MJ.
- 3. LOCATION OF GATE VALVE SHALL BE CONSISTENT WITH PLACEMENT IDENTIFIED ON SHEET C-01.
- 4. PRESSURE RELIEF VALVE SHALL BE GAINOUSTRIES OF FIGURE 56TO PILOT OPERATED PRESSURE RELIEF | PRESSURE SUSTAINING VALVE, FLANGED, CLASS | 50.
- 5. INCLUDE EBAA IRON SERIES 2000 MEGAFLANGE ADAPTER DOVINSTREAM OF THE PRESSURE RELIEF VALVE.



FAN

PLAN

11/1 to the property of the propert

WHERE ARE THE SEWER MANHOLES
GOING TO BE USED - NOT TO BE USED
ON WATERLINE.

REVIEWED

GARYY NTUA CÍVÍL ENG. 11/12/21 ARCRITECTURE / GENERAL / LIGHT PATENT

DEKKER PERICH SABATINI

7601 ALEFFERSON NE, SOUTE 100 ALEMENTERINE, NA 97105

SUS\_741\_9700 / OPSDESIGN\_DUS ARCHITECT

ENGINEER

\_\_\_\_

PROJECT

Lukachukai Community Schools Waterline Supply Lukachukai, AZ 86507

K-8 Academics

PRE-FINAL SUBMITTAL

DRAWN BY JTL

REVIEWED BY NDR

DATE 09/03/2021

PROJECT NO 20-7002.001

DRAWING NAME
LCS WATERLINE
SUPPLY
APWA STANDARD
DRAWINGS

D-04 V

"General Decision Number: AZ20210037 01/01/2021

Superseded General Decision Number: AZ20200037

State: Arizona

Construction Type: Heavy

Counties: Apache, Cochise, Gila, Greenlee and La Paz Counties

in Arizona.

HEAVY CONSTRUCTION, Includes Water and Sewer Lines, Heavy Construction on Treatment Plant Sites and Pipeline Construction

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process setforth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number 0

Publication Date 01/01/2021

BOIL0627-004 10/01/2017

Fringes Rates

BOILERMAKER.....\$ 35.30

\* ELEC0570-013 12/01/2020

Rates Fringes

ELECTRICIAN.....\$ 28.62 18%+6.00

ZONE DEFINITIONS-

Zone A: the area within a twenty-nine (29) mile radius from a basing point at the Tucson Town Hall. Zone B: 29 to 46 mile radius from the town hall in Tucson- an additional \$ 1.25 per hour

Zone C: 47 mile radius from the town hall in Tucson to the outer limits of the geographic jurisdiction- an additional \$ 3.75 per hour

\_\_\_\_\_\_

IRON0433-001 (	01/01	/2014
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	Rates	Fringes
IRONWORKER, STRUCTURAL	.\$ 33.50	26.80
LABO1184-011 06/01/2020		
	Rates	Fringes
LABORER GROUP 4		
Jackhammer	.\$ 22.57	6.06

SUAZ2012-026 05/17/2012

	!	Rates	Fringes
LABORER:	Common or General\$	15.65	0.00
LABORER:	Pipelayer\$	20.00	0.00
OPERATOR:	Loader (Front End)\$	20.23	6.31
OPERATOR: Backhoe/E	xcavator/Trackhoe\$	22.70	0.00
TRUCKDRIVER\$ 21.00 0.0			0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

\_\_\_\_\_

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

## Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

# Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current

negotiated/CBA rate of the union locals from which the rate is based.

### WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can he.
- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

> Branch of Construction Wage Determinations Wage and Hour Division U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

> Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

> Administrative Review Board U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.