

NF
Comm Dev.
Hydrate 4/29/03

CHANGE ORDER

(Instructions on reverse side)

No. 1

PROJECT: Lincoln Park Water Line Replacement Project PWP-DO-2003-108

DATE OF ISSUANCE: April 30, 2003 EFFECTIVE DATE: April 30, 2003

OWNER: Douglas County

OWNER's Contract No. PWP-DO-2003-108

CONTRACTOR: A & K Earthmovers, Inc. ENGINEER: MACTEC

You are directed to make the following changes in the Contract Documents.

Description: **See Attached Exhibit A.**

Reason for Change Order: **See Attached Exhibit A.**

Attachments: **Exhibit A, Exhibit B and revised Sheets C3, C4 and D1.**

BARBARA REEDS
CLERK
03 MAY 14 3 58
REEDS

FILED
NO. 2003.095

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:
Original Contract Price \$537,640.00	Original Contract Times Substantial Completion: May 31, 2003 Ready for final payment: June 15, 2003 days or dates
Net changes from previous Change Orders No. <u>N.A.</u> to No. <u>N.A.</u> \$0.00	Net change from previous Change Orders No. <u>N.A.</u> to No. <u>N.A.</u> None days
Contract Price prior to this Change Order \$537,640.00	Contract Times prior to this Change Order Substantial Completion: May 31, 2003 Ready for final payment: June 15, 2003 days or dates
Net Increase (decrease) of this Change Order \$(251,436.00)	Net Increase (decrease) of this Change Order None days
Contract Price with all approved Change Orders \$286,204.00	Contract Times with all approved Change Orders Substantial Completion: May 31, 2003 Ready for final payment: June 15, 2003 days or dates

RECOMMENDED:

By: Russell J. Roman
Engineer (Authorized Signature)

Date: 5-1-03

APPROVED:

By: David Chiles
Owner (Authorized Signature)

Date: 5/2/03

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 5/2/03

0577053

BK0503PG08239

CHANGE ORDER INSTRUCTIONS

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Contract Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating change order items to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order may be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Contractor for approval. After approval by Contractor, all copies should be sent to Owner for approval. Engineer should make distribution of executed copies after approval by Owner.

If a change only applies to Contract Price or to Contract Times, cross out the part of the tabulation that does not apply.

Change Order No. 1
Exhibit A

1. Description of Change:

- a. **Delete 8-Inch Ductile Iron Restrained Joint Pipe:** Delete water line from approximately Station "F" 18+45 to "F" 23+78 and relocate connection to existing water main to approximately Station "F" 00+00 per the attached drawing. Estimated bid quantity for Bid Item A-3 of 392 LF was not correct. Net reduction in pipeline quantity is 369 linear feet. Revised estimated quantity is 23 linear feet.
- b. **Delete fire hydrant assembly at Station "F" 21+69.92.**
- c. **Delete 3 Water Service Connections:** Delete water service locations at Stations "F" 19+98.67, 20+42.21, and 21+16.93. Original estimated quantity of 12 was not correct. Original quantity should have been 15. Therefore amended quantity is 12 and requires no adjustment in contract quantity.
- d. **Amend Unit Cost for Bid Item A-2:** Change unit cost for Bid Item A-2 8-Inch DI or C-900 PVC Pipe from \$115.00 to \$120.00 per linear foot.
- e. **Amend Unit Cost for Bid Item A-3:** Change unit cost for Bid Item A-3 8-Inch DI Restrained Joint Pipe from \$135.00 to \$140.00 per linear foot.
- f. **Amend Unit Cost for Bid Item A-5 Fire Hydrant Assembly:** Change unit cost for Bid Item A-5 Fire Hydrant Assembly from \$3,600 to \$3,500 each.
- g. **Reduce Estimated Quantity for Bid Item A-6 Pavement Trench Repair:** Delete pavement trench repair from approximately Station "F" 18+62 to "F" 23+78. Reduce estimated quantity from 1,250 linear feet to 862 linear feet.
- h. **Delete Bid Item A-9 Contaminated Soil (Contingent Item):** Reduction in contract price is \$27,000.
- i. **Delete Bid Item A-10 Contaminated Water (Contingent Item):** Reduction in contract price is \$155,000.
- j. **Amend Unit Cost for Bid Item A-13 Traffic Control:** Change unit cost for Bid Item A-13 Traffic control from \$35,850 to \$29,000. Reduction in contract price is \$6,850.
- k. **Amend Unit Cost for Bid Item A-12 Erosion Control:** Change unit cost for Bid Item A-12 Erosion Control from \$15,500 to \$12,000. Reduction in contract price is \$3,500.

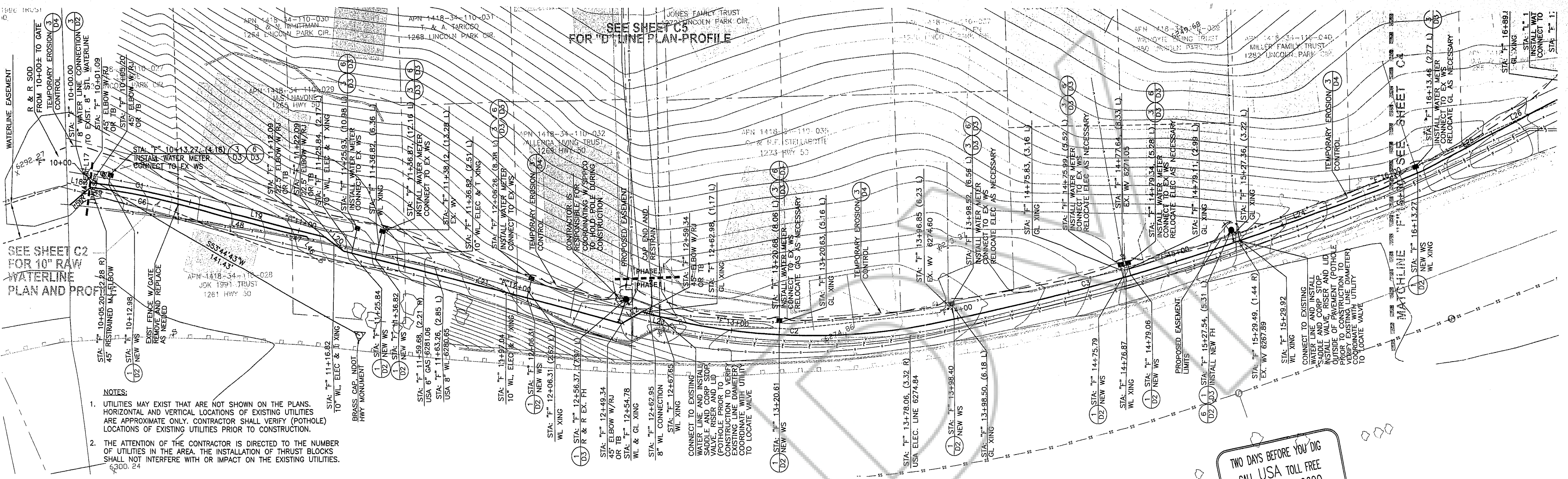
- l. **Amend Unit Cost for Bid Item A-15 Construction Staking:** Change unit cost for Bid Item A-15 Construction Staking from \$3,500 to \$3,300 lump sum. Reduction in contract price is \$200.
- m. **Delete the Combination Air Valve at Station "F" 23 + 50.**
- n. **Install North Connection to Existing Water Line:** Install connection at approximately Station "F" 18 + 45.43 per the revised Sheets C4 and D1.
- o. **Reconnect Water Laterals at Stations "F" 15 + 29 and "F" 17 + 54:** Cost is \$950 per each lateral reconnected.

2. **Reason for Change:**

- a. **Delete 8-Inch Ductile Iron Restrained Joint Pipe:** Delete water line and other work within area of potentially contaminated soil and water.
- b. **Delete Fire Hydrant Assembly at Station "F" 21+69.92:** Work from Station "F" 18+62 to "F" 23+78 was deleted.
- c. **Delete 3 Water Service Connections:** Work from Station "F" 18+62 to "F" 23+78 was deleted.
- d. **Amend Unit Cost for Bid Item A-2:** Negotiated change in contract unit price due to reduced project scope.
- e. **Amend Unit Cost for Bid Item A-3:** Negotiated change in contract unit price due to reduced pipe quantity.
- f. **Amend Unit Cost for Bid Item A-5 Fire Hydrant Assembly:** Negotiated reduction in contract unit price.
- g. **Delete Bid Item A-6 Pavement Trench Repair:** Water line and other work including trench repair was deleted in area of potentially contaminated soil.
- h. **Delete Bid Item A-9 Contaminated Soil (Contingent Item):** This bid item was included to address handling and disposal of contaminated soil within the area identified in Section 02226 Petroleum Impacted Soil and Water Management. Work within the area identified as potentially contaminated has been deleted. Therefore, this bid item is not needed.
- i. **Delete Bid Item A-10 Contaminated Water (Contingent Item):** This bid item was included to address handling and disposal of contaminated water

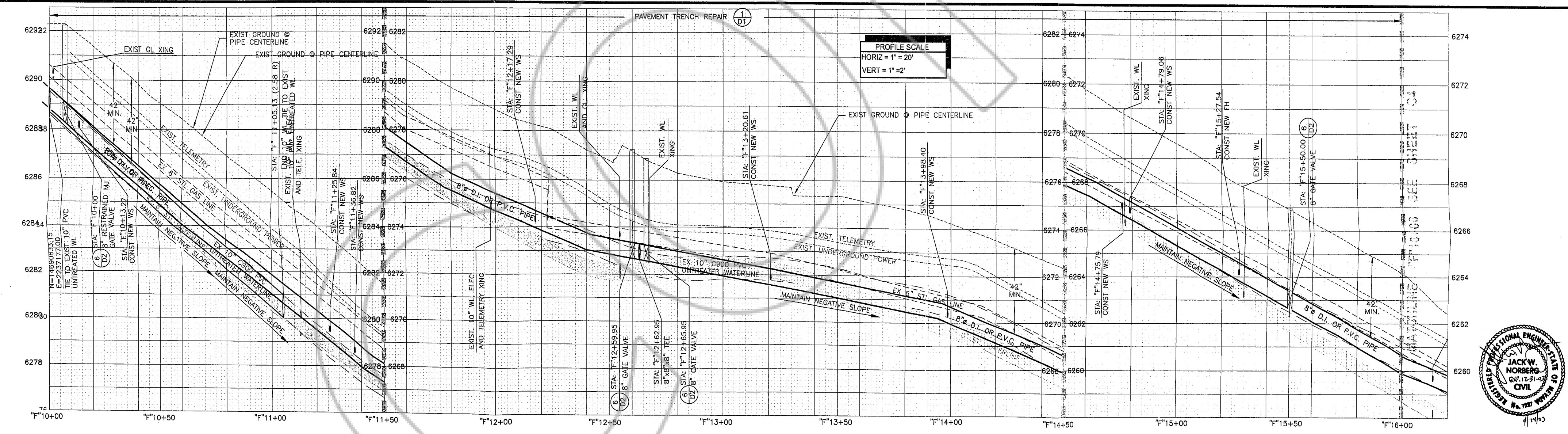
within the area identified in Section 02226 Petroleum Impacted Soil and Water Management. Work within the area identified as potentially contaminated has been deleted. Therefore, this bid item is not needed.

- j. **Amend Unit Cost for Bid Item A-13 Traffic Control:** Work from approximately Station "F" 18+62 to "F" 23+78 has been deleted. Revise the traffic control plan to reflect this reduced project scope and area. Reduction in contract price is \$6,850.
- k. **Amend Unit Cost for Bid Item A-12 Erosion Control:** Delete temporary erosion control from approximately Station "F" 18+62 to "F" 23+78 since water line work in this area has been deleted. Reduction in contract price is \$3,500.
- l. **Amend Unit Cost for Bid Item A-15 Construction Staking:** Change unit cost for Bid Item A-15 Construction Staking from \$3,500 to \$3,300 lump sum.
- m. **Delete the Combination Air Valve at Station "F" 23+50:** Reduction in contract price is \$2,250.
- n. **Install North Connection to Existing Water Line:** Connection point changed to station "F" 18+45 because water line was deleted from Station "F" 18+45 to "F" 23+78.
- o. **Reconnect Water Laterals at Stations "F" 15+29 and "F" 17+54:** These laterals serve parcels on the lower road and must be reconnected to maintain water service.

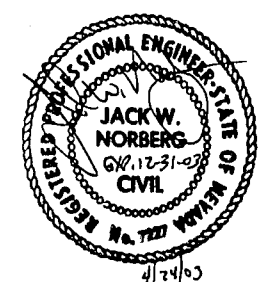


PLAN - FRONTAGE ROAD - STA: "F"10+00 TO STA: "F"16+00
PHASE I

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
1-800-227-2600



PROFILE - FRONTAGE ROAD



NO.	DATE	REVISIONS	BY	CHK
1	4/03	CHANGE ORDER WATER LINE REVISION	J.B.	J.W.N.
			DATE: 3/24/03	

DRAWN: KH	PROJECT NO.: 57098
ENGINEER: JWN	SCALE: 1" = 20'
CHECKED: FAT	APPROVED:
	DATE:

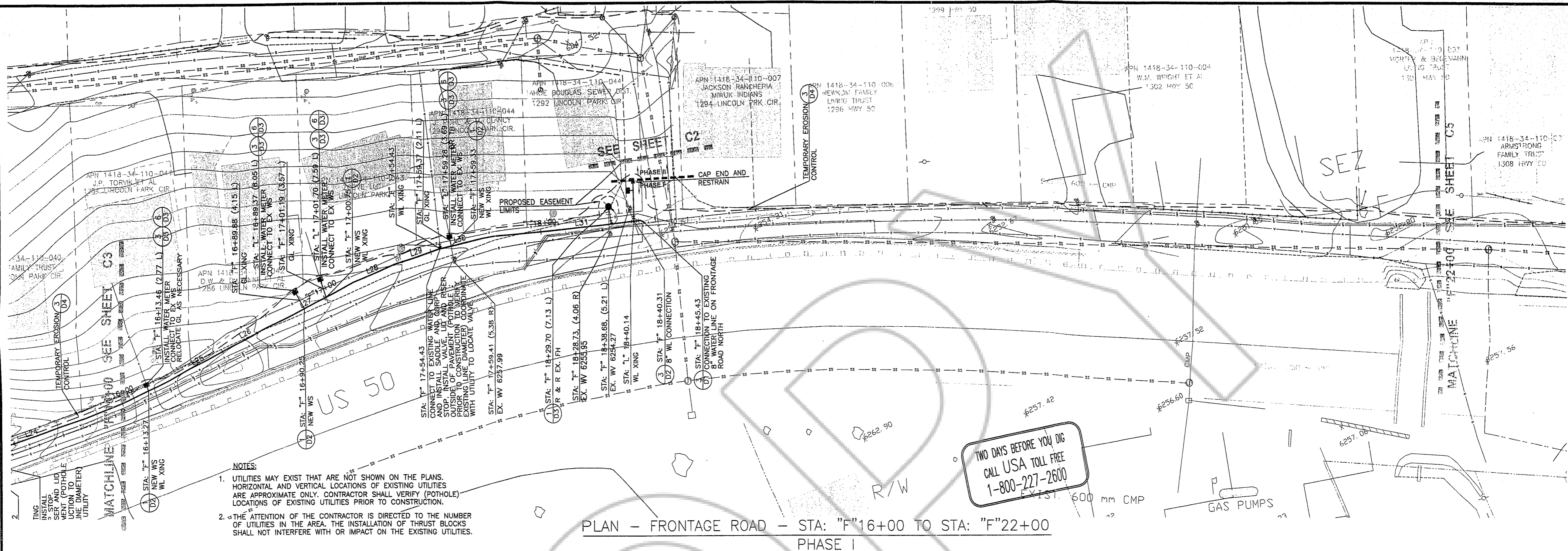


Engineering, Planning, Surveying,
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1572 E College Parkway, Suite 162
Carson City, NV 89706
(775) 888-9992

LINCOLN PARK WATER LINE
LINCOLN PARK
GENERAL IMPROVEMENT DISTRICT

FRONTAGE ROAD
STA "F"10+00 - "F"16+00
CHANGE ORDER REVISION 4/23/03

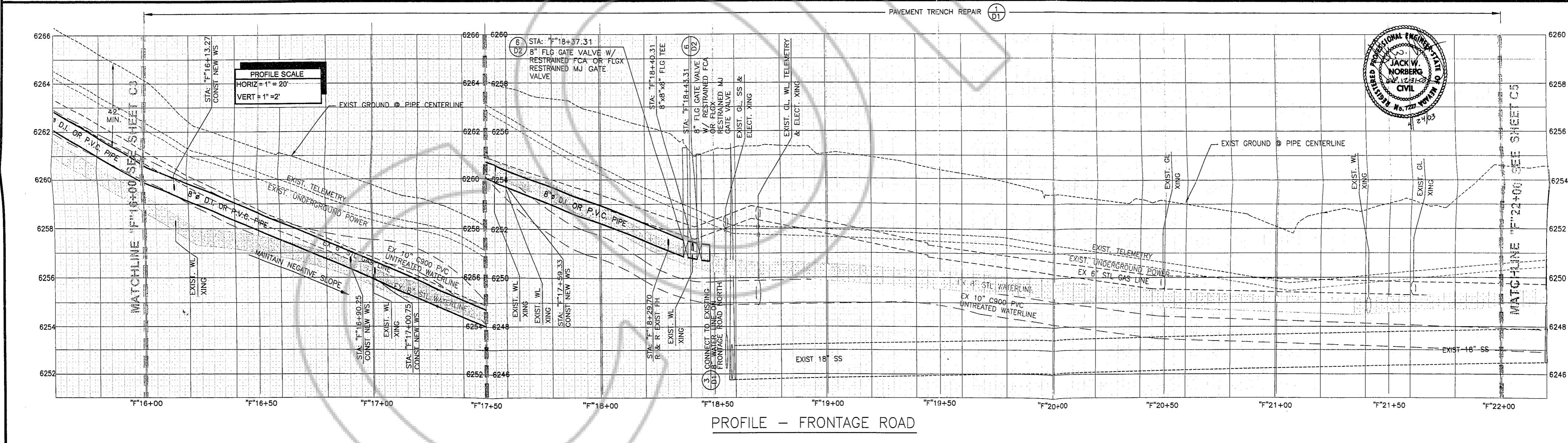
DRAWING: C3
SHEET: 6 OF 12
REVISION NUMBER:
DATE:



- NOTES:
- UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THE PLANS. HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY (POTHOLE) LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - THE ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE NUMBER OF UTILITIES IN THE AREA. THE INSTALLATION OF THRUST BLOCKS SHALL NOT INTERFERE WITH OR IMPACT ON THE EXISTING UTILITIES.

PLAN - FRONTAGE ROAD - STA: "F"16+00 TO STA: "F"22+00
PHASE I

TWO DAYS BEFORE YOU DIG
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1-800-227-2600



PROFILE - FRONTAGE ROAD

NO.	DATE	REVISIONS	BY	CHK
1	4/03	CHANGE ORDER WATER LINE REVISION	J.B.	J.W.N.

DRAWN: KH	PROJECT NO.: 57098
ENGINEER: JWN	SCALE: 1" = 20'
CHECKED: FAT	APPROVED:
DATE: 3/24/03	DATE:

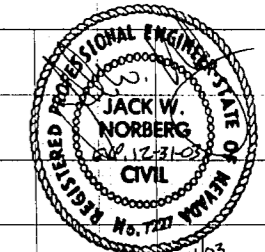


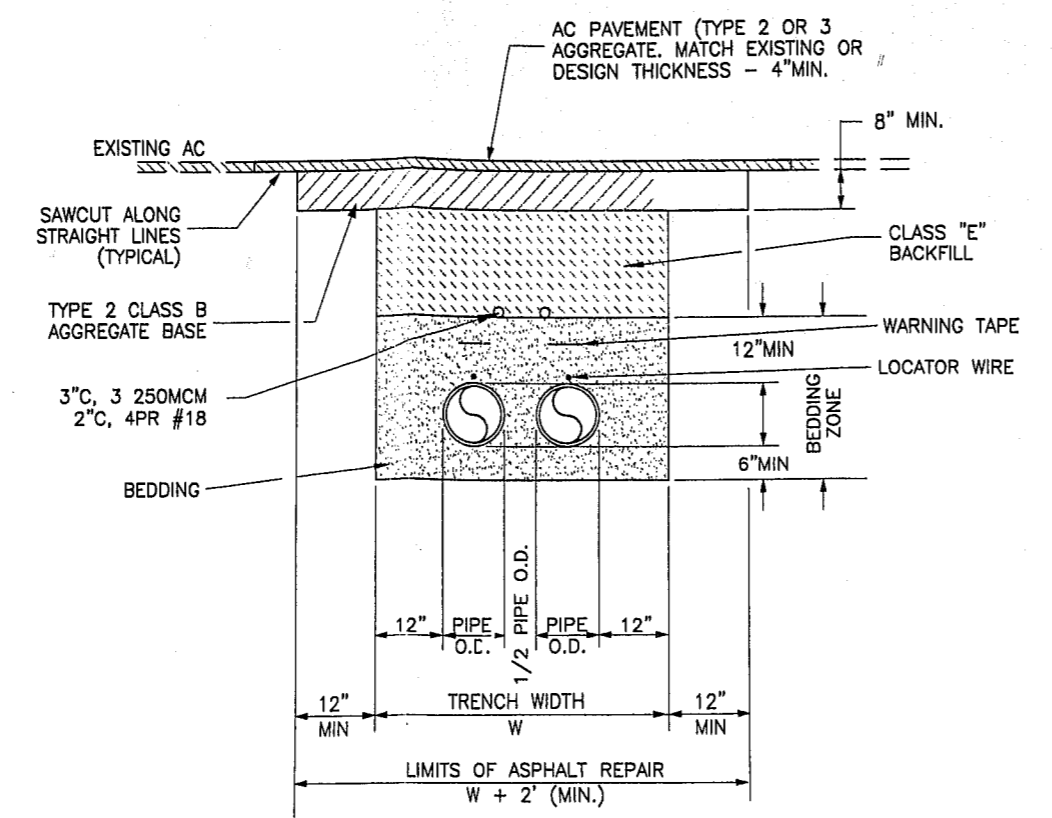
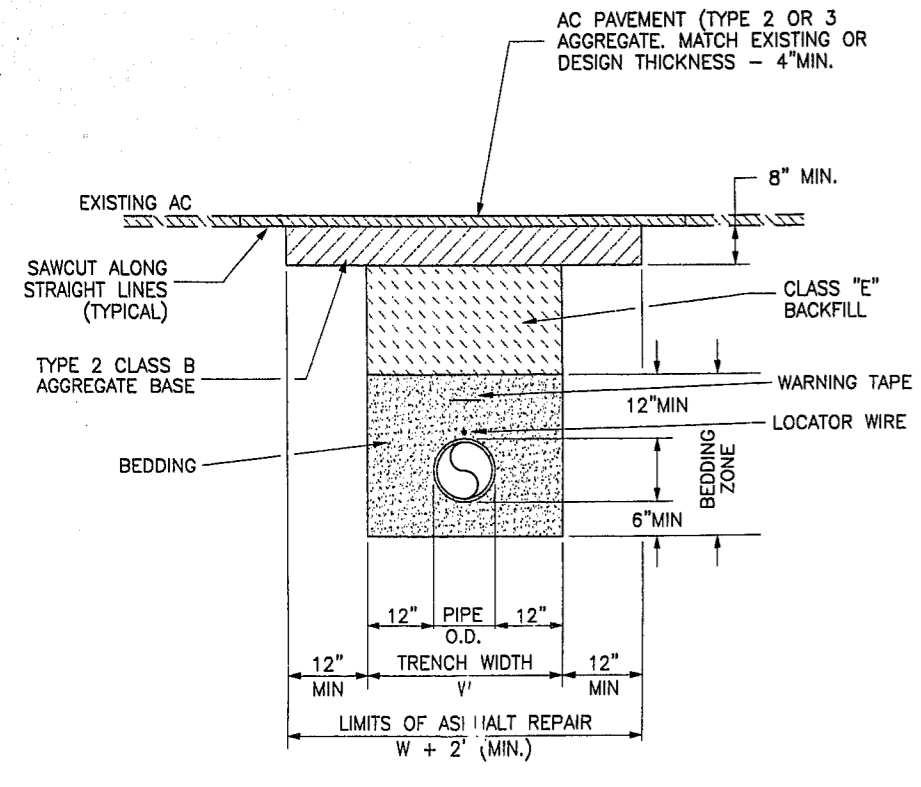
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LINCOLN PARK WATER LINE
LINCOLN PARK
GENERAL IMPROVEMENT DISTRICT

FRONTAGE ROAD
STA "F"16+00 - "F"22+00
CHANGE ORDER REVISION 4/23/03

DRAWING: C4
SHEET: 7 OF 12
REVISION NUMBER:
DATE:





L = LENGTH OF RESTRAINED PIPE (FT)

FITTING	8" PVC PIPE	8" DI PIPE
DEADEND	60	93
IN-LINE VALVE	60	93
90° HORZ BEND	20	22
45° HORZ BEND	8	9
22-1/2° HORZ BEND	4	4
11-1/4° HORZ BEND	2	2
TEE	IF L=5 THEN LB=29 IF L=10 THEN LB=1	IF L=5 THEN LB=46 IF L=10 THEN LB=2

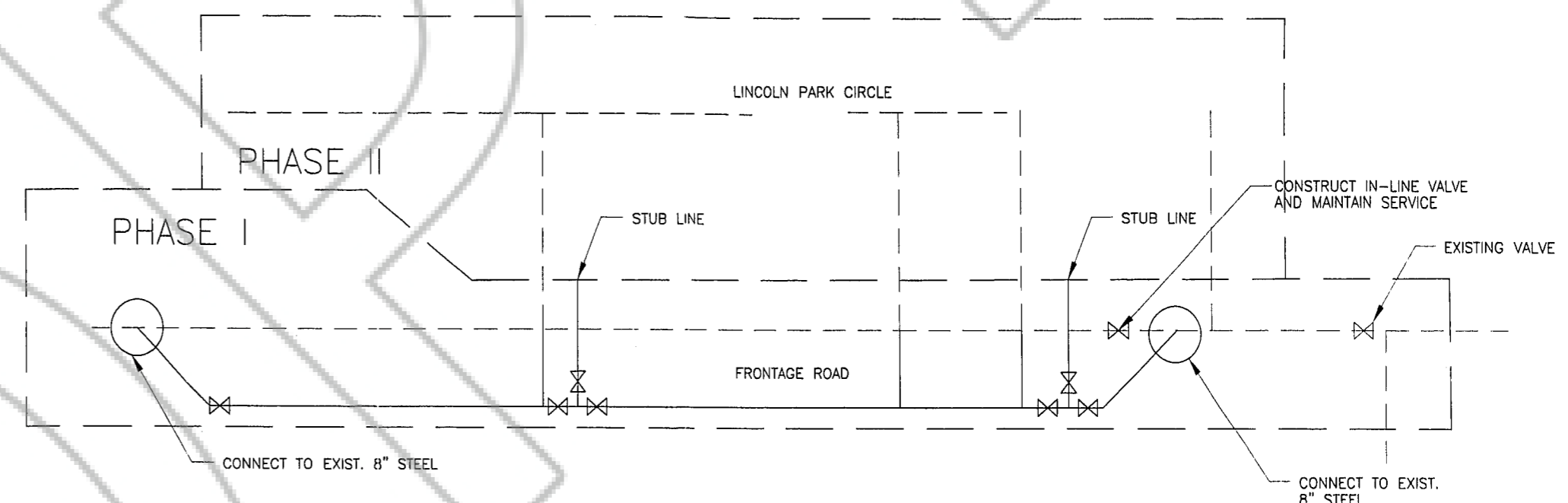
- NOTES:
- IN THE EVENT THAT MORE THAN ONE FITTING IS LOCATED ADJACENT TO EACH OTHER, THE LONGER LENGTH SHALL GOVERN.
 - EITHER RESTRAINED JOINTS OR THRUST BLOCKS SHALL BE USED ON ALL FITTINGS AT THE CONTRACTOR'S CHOICE.
 - LINE "L" AND THE NORTH PORTION OF LINE "F" SHALL BE RESTRAINED ALONG THE FULL LENGTH OF PIPE.
 - FOR VERTICAL OFFSETS CONSULT ENGINEER.

LENGTH OF RESTRAINED PIPE REQUIRED (2)
W/APPROVED DEVICES (D1)
 (LINE "D" AND SOUTH PORTION OF LINE "L" ONLY)
 N.T.S.

- NOTE:
- SURFACE TOLERANCES FOR AC PAVEMENT REPAIR SHALL BE DETERMINED BY PLACING AN APPROVED METAL STRAIGHT EDGE ACROSS THE REPAIRED SECTION. SURFACE TOLERANCES SHALL BE MEASURED FROM THE BASE OF THE STRAIGHT EDGE TO THE EXISTING PAVEMENT OR PAVEMENT REPAIR SECTION AND SHALL NOT EXCEED A VERTICAL TOLERANCE OF 0.02" (1/4") PAVEMENT REPAIRS NOT MEETING THESE TOLERANCES SHALL BE REMOVED AND REPLACED TO ESTABLISH THE REQUIRED TOLERANCE.
 - ASPHALT CONCRETE AND MATERIALS SHALL CONFORM TO SECTION 320 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - TYPE 2 CLASS B AGGREGATE BASE SHALL CONFORM TO SECTION 200 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND SHALL BE MECHANICALLY COMPACTED IN CONFORMANCE WITH SECTION 308.05 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - BACKFILL SHALL MEET THE REQUIREMENTS FOR CLASS "E" BACKFILL AS SHOWN IN SUBSECTION 200.03.06 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OR AS SPECIFIED BY THE ENGINEERING DIVISION. MATERIAL SHALL BE PLACED IN LIFT THICKNESSES AND MECHANICALLY COMPACTED IN ACCORDANCE WITH SECTION 305 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

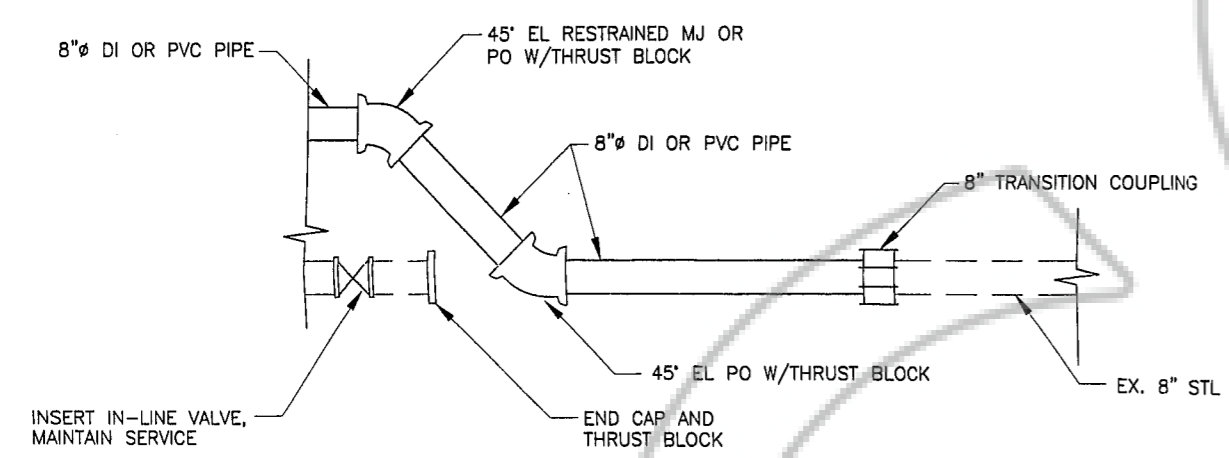
- BEDDING SHALL MEET THE REQUIREMENTS FOR CLASS "A" BACKFILL AS SHOWN IN SUBSECTION 200.03.02 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OR AS SPECIFIED BY THE ENGINEERING DIVISION. MATERIAL SHALL BE PLACED IN LIFT THICKNESSES AND MECHANICALLY COMPACTED IN ACCORDANCE WITH SECTION 305 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- SHORING OR SLOPED CUT SLOPES MAY BE NECESSARY, BUT THERE WILL BE NO PAYMENT FOR ADDITIONAL EXCAVATION, BEDDING, BACKFILL OR SHORING. ALL EXCAVATIONS SHALL CONFORM TO THE MOST RECENT OSHA REQUIREMENTS.
- PLACE WARNING TAPE 1 FT. ABOVE WATER PIPE.
- DEWATERING (IF REQUIRED) SHALL BE CONSIDERED INCIDENTAL TO THE TRENCH EXCAVATION AND BACKFILL ITEMS.

TRENCH DETAIL W/PAVEMENT REPAIR (1)
 N.T.S. (D1)



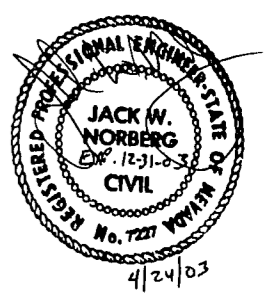
- NOTE:
- CONSTRUCT PHASE I PIPELINE. STUB FOR PHASE II CONNECTIONS, CAP. MAINTAIN EXISTING SERVICE.
 - INSERT IN-LINE VALVE AND MAINTAIN SERVICE.
 - CONNECT NEW WATER LINE TO EXISTING VALVE. CAP EXISTING LINE.
 - PERFORM TESTS AND ESTABLISH SERVICE CONNECTIONS.
 - CONNECT TO EXISTING 8 INCH WATER LINE AND ABANDON AND CAP EXISTING WATER LINE.

CONSTRUCTION PHASING SCHEMATIC (4)
 N.T.S. (D1)



- NOTES:
- INSTALL IN-LINE VALVE WHILE MAINTAINING SERVICE. ROMAC QUIK VALVE OR APPROVED EQUAL.
 - COORDINATE W/UTILITY AS NEEDED

CONNECTION TO EXIST. 8 INCH WATERLINE (3)
ON FRONTAGE ROAD (NORTH) (D1)
 N.T.S.



NO.	DATE	REVISIONS	BY	CHK
1	4/03	CHANGE ORDER WATER LINE REVISION	J.B.	J.W.N.

DRAWN:	PROJECT NO.:
KH	57098
ENGINEER:	SCALE:
JWN	NTS
CHECKED:	APPROVED:
FAT	
DATE:	DATE:
3/24/03	



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LINCOLN PARK WATER LINE
LINCOLN PARK
GENERAL IMPROVEMENT DISTRICT

DETAILS
CHANGE ORDER REVISION 4/23/03

DRAWING:	D1
SHEET:	9 of 12
REVISION NUMBER:	
DATE:	

CHANGE ORDER NO 1

LINCOLN PARK WATER LINE REPLACEMENT PROJECT PWP-DO-2003-108

CONTRACTOR: A & K EARTHMOVERS, INC.

THIS LAST PAGE FOLLOWS ATTACHMENTS: REVISED SHEETS C3, C4 AND D1.

CERTIFIED COPY
REQUESTED BY **DOUGLAS COUNTY** The document to which this certificate is attached is a full, true and correct copy of the original on file and on record in my office.
IN OFFICIAL RECORDS OF DOUGLAS CO., NEVADA
DATE: May 14, 2003
2003 MAY 16 AM 9:12 B. Reed Clerk of the 9th Judicial District Court of the State of Nevada, in and for the County of Douglas.
By Carol Mullock Deputy
WERNER CHRISTEN
RECORDER
\$ 0 PAID KJ DEPUTY

SEAL

0577053

BK0503PG08248