

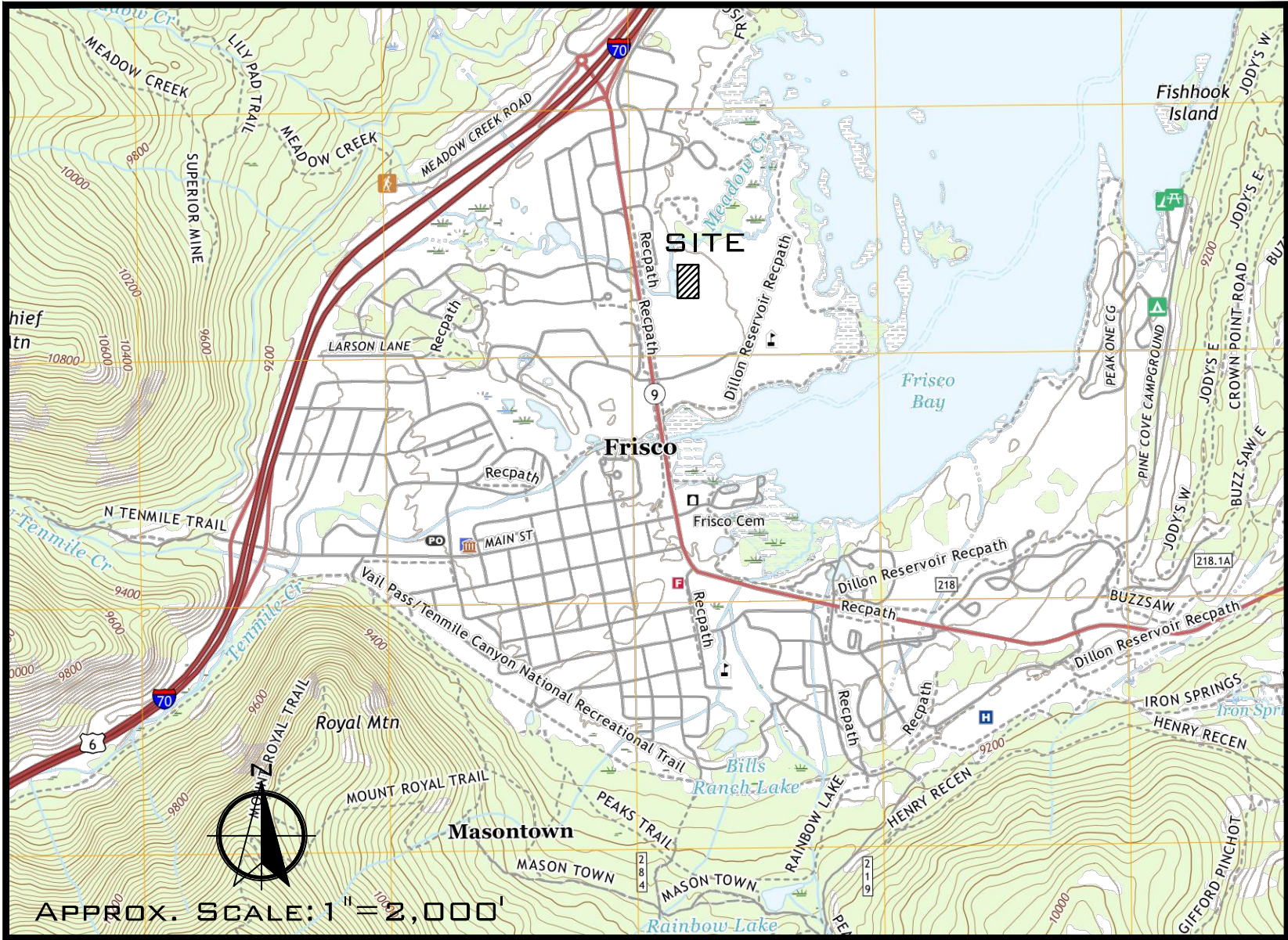
BID PLANS

LAGOON TOWNHOMES WATER LINE REPLACEMENT PROJECT

JULY 2025

GENERAL NOTES:

1. The Contractor is warned that conflicts with existing utility services may exist. Prior to beginning any construction, the Contractor shall contact all appropriate utility companies for line locations. He shall then locate all utilities (including depth). Any conflicts with the proposed construction shall be brought to the attention of the Engineer so that line or grade changes can be made to eliminate any conflicts with these existing utilities. All existing utilities shall be protected from damage by the Contractor. Damaged utilities shall be repaired by the Contractor at no expense to the Owner.
2. The Contractor shall comply with Article 1.5 of Title 9, CRS ("Excavation Requirements") when excavating or grading is planned in the area of underground utility facilities. The Contractor shall notify affected utilities at least two (2) business days, not including the actual day of notice, prior to commencing such operations. The Contractor shall contact the Utility Notification Center of Colorado (UNCC) at 811, or 1-800-922-1987, to have locations of UNCC registered lines marked by member companies. All other underground facilities shall be located by contacting the respective owner. Utility service laterals shall also be located prior to beginning excavation or grading.
3. All construction shall conform to Federal, State, and Town standards and specifications and be subject to construction observation by their representatives. Copies of Federal, State, and Town standards must be obtained by the Contractor. Contractor shall have one (1) copy of the plans and one (1) copy of the appropriate specifications on the job site at all times. The Contractor shall have one (1) complete set of the Contract Documents on the job site at all times.
4. Contractor shall not scale drawings for construction purposes. Any missing dimensions or discrepancies in plans, field staking or physical features shall be brought to the attention of the Engineer. If Contractor proceeds with the work without notifying the Engineer, he does so at his own risk.
5. Observations of the work in progress and on-site visits are not to be construed as a guarantee or warranty by the Engineer of the Contractor's contractual responsibilities.
6. Safety is the responsibility of the Contractor. The Engineer is not the responsible for safety in, on or about the project site, nor for compliance by the appropriate party with any regulations relating thereto.
7. The Contractor shall provide all lights, signs, barricades, flagmen or other devices necessary to provide for public safety in accordance with the current Manual on Uniform Traffic Control Devices.
8. Contractor shall be required to maintain existing drainage channels, culverts and appurtenances during construction necessary to protect existing roads and property.
9. It is the Contractor's responsibility to protect and preserve all trees, bushes, shrubs and ground cover in a manner acceptable to the Owner.
10. Restore or replace all disturbed shoulder and landscaped areas to a condition equal to or better than preconstruction conditions.
11. Contractor shall obtain all necessary permits to complete the work.
12. Design is based upon PARTIAL TOPOGRAPHIC MAP OF LAGOON TOWNHOMES, June 2023 By Schmidt Land Surveying.



VICINITY MAP

SHEET INDEX

- 1COVER SHEET AND GENERAL NOTES
- 2DEMOLITION PLAN
- 3WATER RUN A PLAN AND PROFILE
- 4WATER RUN B PLAN AND PROFILE
- 5EROSION CONTROL PLAN
- 6CONSTRUCTION DETAILS
- 7CONSTRUCTION DETAILS

PARTIAL TOPOGRAPHIC MAP OF LAGOON TOWNHOMES

SUMMARY OF APPROXIMATE QUANTITIES

BID ITEM NO.	BID ITEM – BASE BID	UNIT OF MEASURE	ESTIMATED QUANTITY
1	MOBILIZATION	LS	1
2	CONSTRUCTION SURVEYING	LS	1
3	TRAFFIC CONTROL MANAGEMENT	DAY	5
4	TRAFFIC CONTROL INSPECTION	DAY	2
5	FLAGGING	HOURL	90
6	TEMPORARY TRAFFIC CONTROL SIGN	EACH	5
7	TYPE 3 BARRICADE	EACH	2
8	CHANNELIZATION DEVICE (DRUM/CONE)	EACH	20
9	PORTABLE MESSAGE SIGN PANEL	DAY	30
10	POTHOLE UTILITIES	HOURL	40
11	CLEAR AND GRUB	SF	1,000
12	SAWCUT EXISTING PAVEMENT (ASPHALT/CONCRETE)	LF	700
13	REMOVE CONCRETE PAVEMENT WITH HAUL AND OFFSITE DISPOSAL	SF	1,700
14	REMOVE ASPHALT PAVEMENT WITH HAUL AND OFFSITE DISPOSAL	SF	4,700
15	REMOVE WATER LINES AND APPURTENANCES W/ HAUL AND OFFSITE DISPOSAL (DIP/COPPER)	LF	300
16	6" WATER LINE (DIP) (V-BIO POLYWRAP)	LF	455
17	8" WATER LINE (DIP) (V-BIO POLYWRAP)	LF	40
18	6" WATER LINE GATE VALVE AND VALVE BOX	EACH	6
19	8" WATER LINE GATE VALVE AND VALVE BOX	EACH	4
20	FIRE HYDRANT ASSEMBLY	EACH	1
21	RECONNECT EXISTING FIRE HYDRANT	EACH	1
22	PIPE BOLLARD (FIRE HYDRANT PROTECTION)	EACH	6
23	RECONNECT 1" COPPER WATER SERVICE LINE, SADDLE AND CORP. STOP	EACH	10
24	1" COPPER WATER SERVICE LINE	LF	100
25	CONCRETE ENCASE SANITARY SEWER JOINT	EACH	6
26	MAGNESIUM ANODE BAG	EACH	6
27	CATHODIC PROTECTION TEST STATION	EACH	2
28	TIMBER RETAINING WALL REMOVAL AND REPLACEMENT (DESIGN/BUILD)	LS	1
29	RESET PROJECT SIGN	EACH	3
30	SUBGRADE PREPARATION	SY	700
31	EXCAVATION TO EXPORT (TO PAVEMENT SUBGRADE/TRENCH STABILIZATION)	CY	100
32	IMPORT STRUCTURAL FILL (NORTH DRIVE REALIGNMENT/TRENCH STABILIZATION)	CY	10
33	AGGREGATE BASE COURSE (CLASS 6) (6" DEPTH)	TON	250
34	CONCRETE PAVEMENT (REPLACE EXISTING IN KIND)	SF	1,700
35	ASPHALT GR SX 4" SECTION	TON	120
36	TOPSOIL	CY	15
37	REVEGETATION	SF	2,000
38	12" EXCELSIOR EROSION LOG	LF	100
39	SILT FENCE	LF	200
40	DUST ABATEMENT (WATER TRUCK)	HOURL	20
BID ITEM NO.	BID ITEM – BID ALTERNATIVE 1 (COMPLETE PROJECT RE-PAVING)	UNIT OF MEASURE	ESTIMATED QUANTITY
41	CONSTRUCTION SURVEYING	LS	1
42	SUBGRADE PREPARATION	SY	2,300
43	EXCAVATION TO EXPORT (TO PAVEMENT SUBGRADE)	CY	300
44	AGGREGATE BASE COURSE (CLASS 6) (6" DEPTH)	TON	750
45	CONCRETE PAVEMENT (REPLACE EXISTING IN KIND)	SF	5,800
46	ASPHALT GR SX 4" SECTION	TON	400



Know what's below.
Call before you dig.

LAGOON
TOWNHOMES

FRISCO, COLORADO

COVER SHEET AND GENERAL NOTES

SCALE: 1"=20'

SHEET: 1 OF 7

ISSUE: BID PLANS

DATE: JULY 21, 2025

DRAWN: D. LEINWEBER

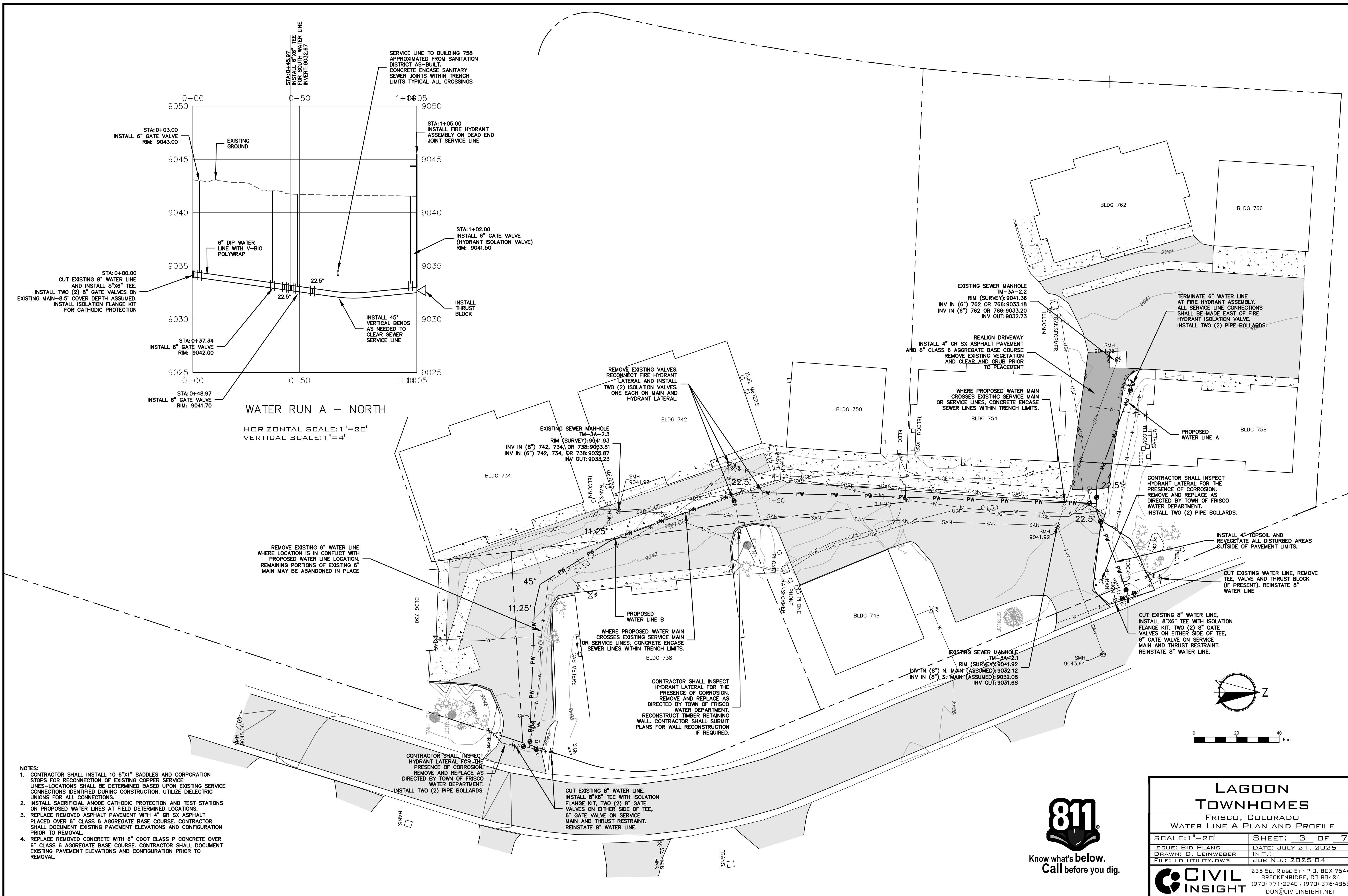
INIT.:

FILE: LD UTILITY.DWG

JOB NO.: 2025-04

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INSIGHT

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BRECKENRIDGE, CO 80424
(970) 771-2940 / (970) 376-4858
DDN@CIVILINSIGHT.NET



- NOTES:
1. CONTRACTOR SHALL INSTALL 10 6"x1" SADDLES AND CORPORATION STOPS FOR RECONNECTION OF EXISTING COPPER SERVICE LINES-LOCATIONS SHALL BE DETERMINED BASED UPON EXISTING SERVICE CONNECTIONS IDENTIFIED DURING CONSTRUCTION. UTILIZE DIELECTRIC UNIONS FOR ALL CONNECTIONS.
 2. INSTALL SACRIFICIAL ANODE CATHODIC PROTECTION AND TEST STATIONS ON PROPOSED WATER LINES AT FIELD DETERMINED LOCATIONS.
 3. REPLACE REMOVED ASPHALT PAVEMENT WITH 4" GR SX ASPHALT PLACED OVER 6" CLASS 6 AGGREGATE BASE COURSE. CONTRACTOR SHALL DOCUMENT EXISTING PAVEMENT ELEVATIONS AND CONFIGURATION PRIOR TO REMOVAL.
 4. REPLACE REMOVED CONCRETE WITH 6" CDOT CLASS P CONCRETE OVER 6" CLASS 6 AGGREGATE BASE COURSE. CONTRACTOR SHALL DOCUMENT EXISTING PAVEMENT ELEVATIONS AND CONFIGURATION PRIOR TO REMOVAL.



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LAGOON TOWNHOMES

FRISCO, COLORADO

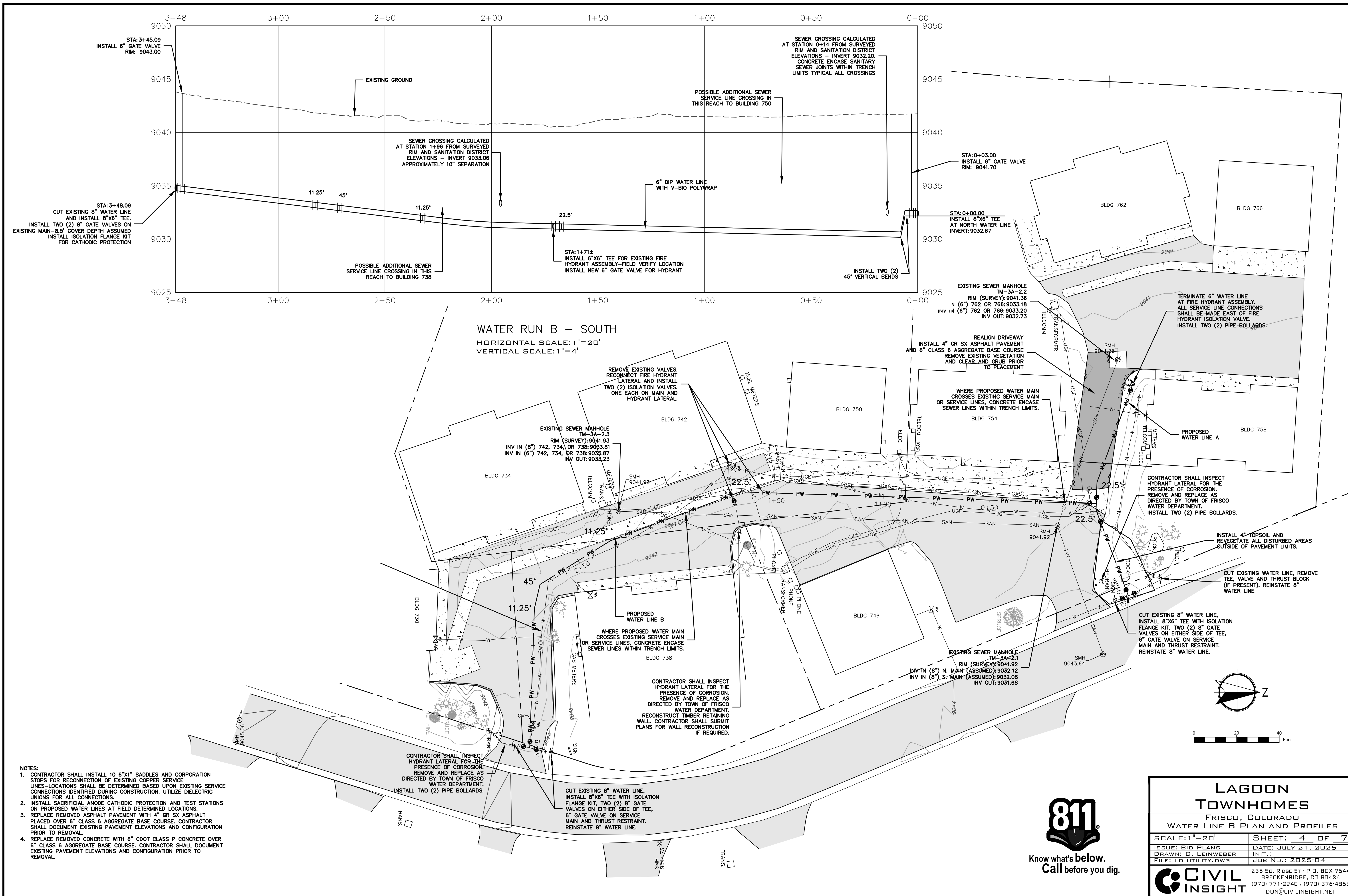
WATER LINE A PLAN AND PROFILE

SCALE: 1"=20'	SHEET: 3 OF 7
ISSUE: BID PLANS	DATE: JULY 21, 2025
DRAWN: D. LEINWEBER	INIT.:
FILE: LD UTILITY.DWG	JOB NO.: 2025-04

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- NOTES:
1. CONTRACTOR SHALL INSTALL 10 6"x11" SADDLES AND CORPORATION STOPS FOR RECONNECTION OF EXISTING COPPER SERVICE LINES-LOCATIONS SHALL BE DETERMINED BASED UPON EXISTING SERVICE CONNECTIONS IDENTIFIED DURING CONSTRUCTION. UTILIZE DIELECTRIC UNIONS FOR ALL CONNECTIONS.
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LAGOON TOWNHOMES

FRISCO, COLORADO

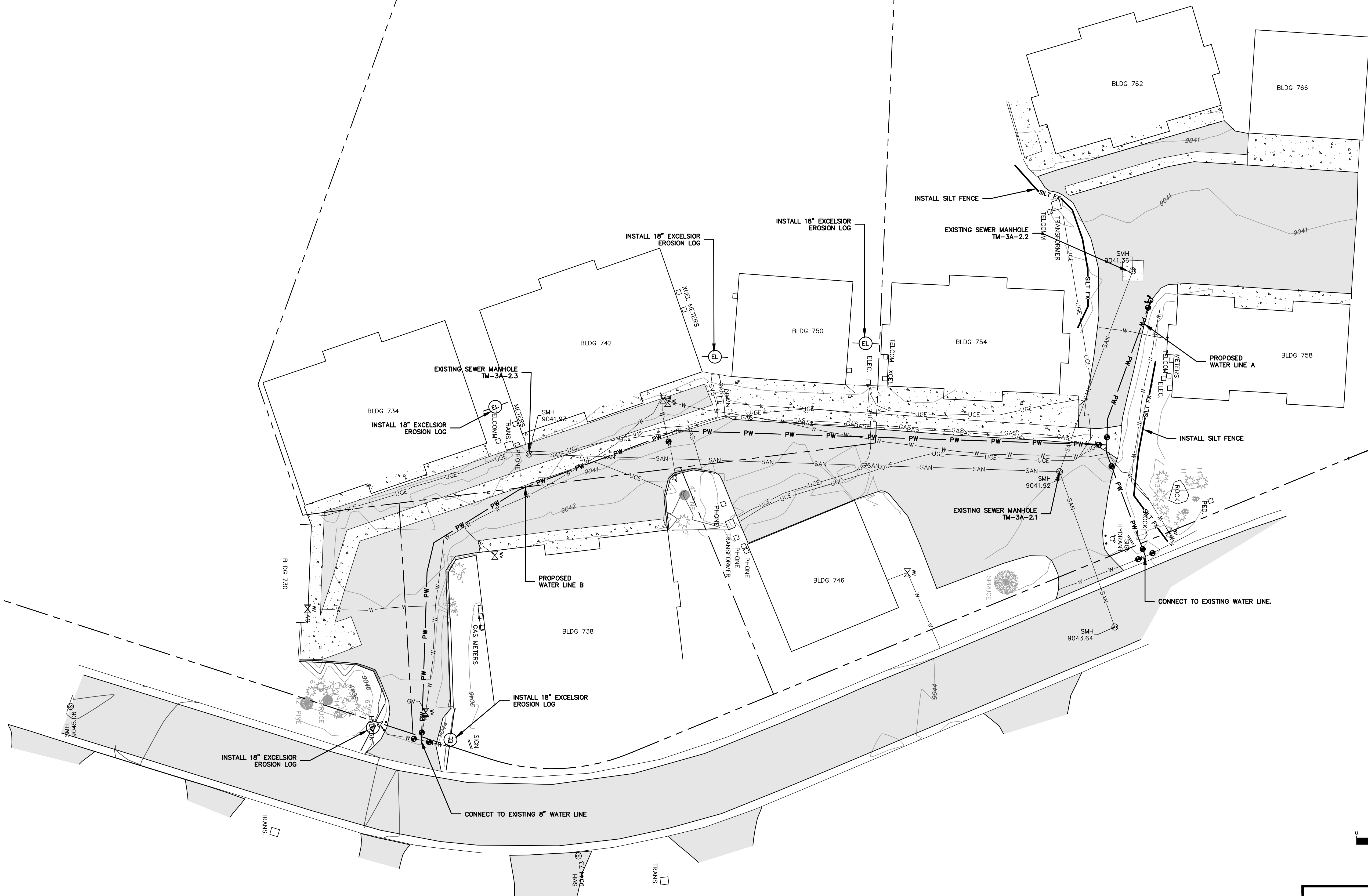
WATER LINE B PLAN AND PROFILES


SCALE: 1"=20'	SHEET: 4 OF 7
ISSUE: BID PLANS	DATE: JULY 21, 2025
DRAWN: D. LEINWEBER	INIT.:
FILE: LD UTILITY.DWG	JOB NO.: 2025-04

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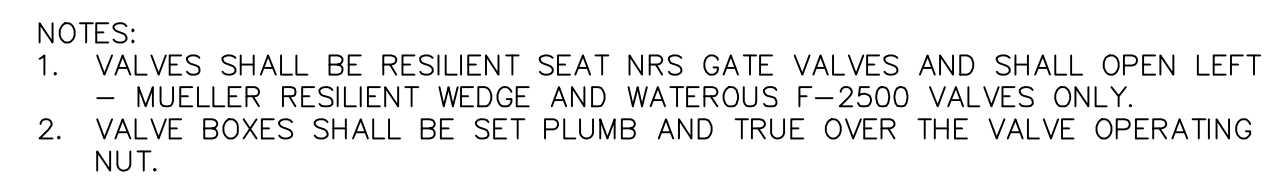
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LAGOON TOWNHOMES FRISCO, COLORADO EROSION CONTROL PLAN	
SCALE: 1"=20'	SHEET: 5 OF 7
ISSUE: BID PLANS	DATE: JULY 21, 2025
DRAWN: D. LEINWEBER	INIT.:
FILE: LD UTILITY.DWG	JOB NO.: 2025-04
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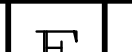
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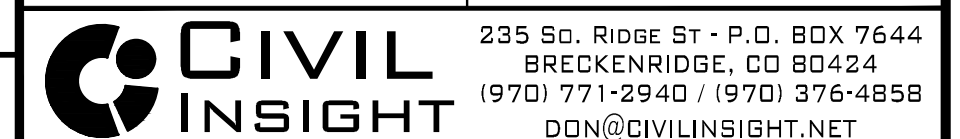
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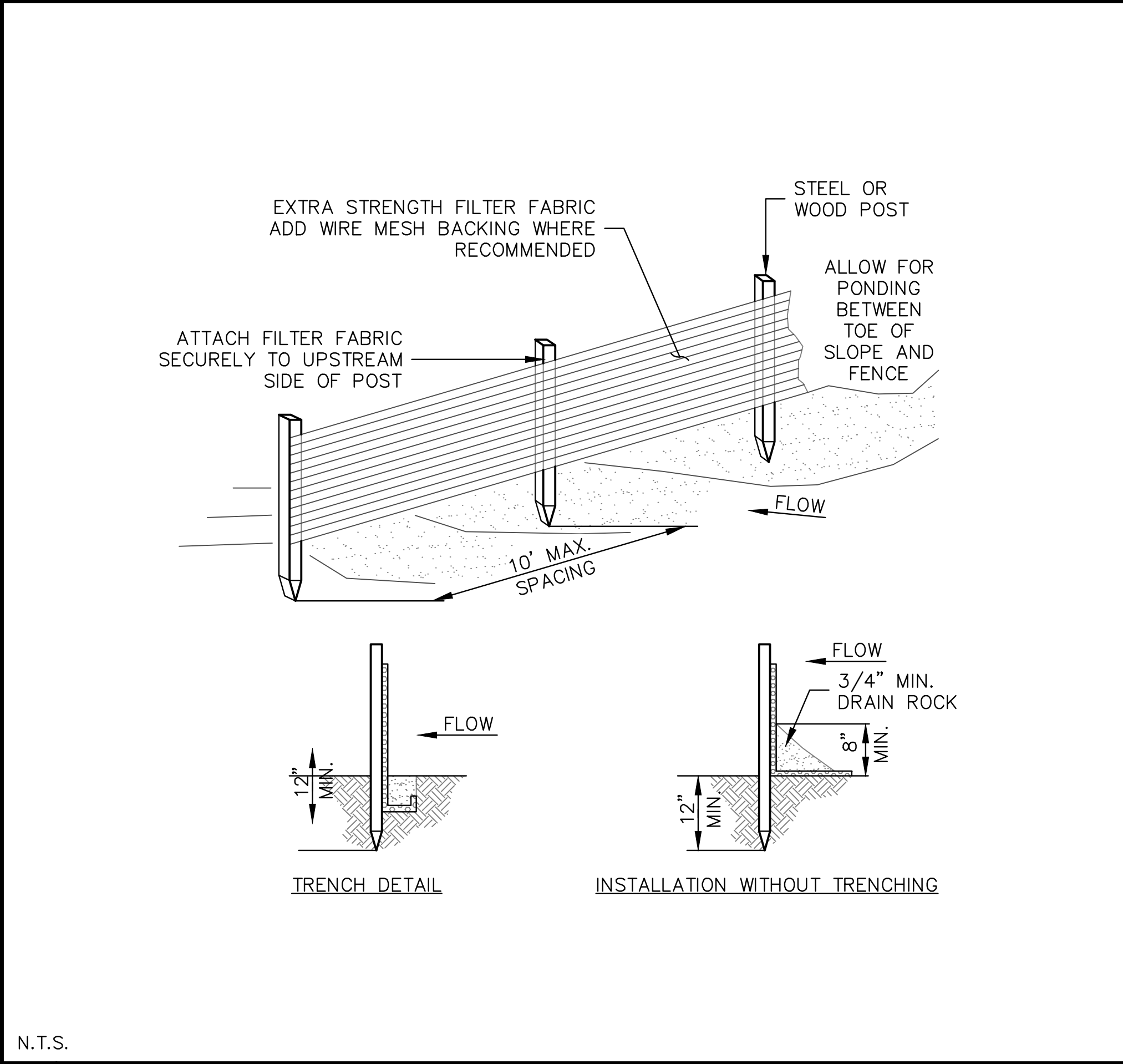
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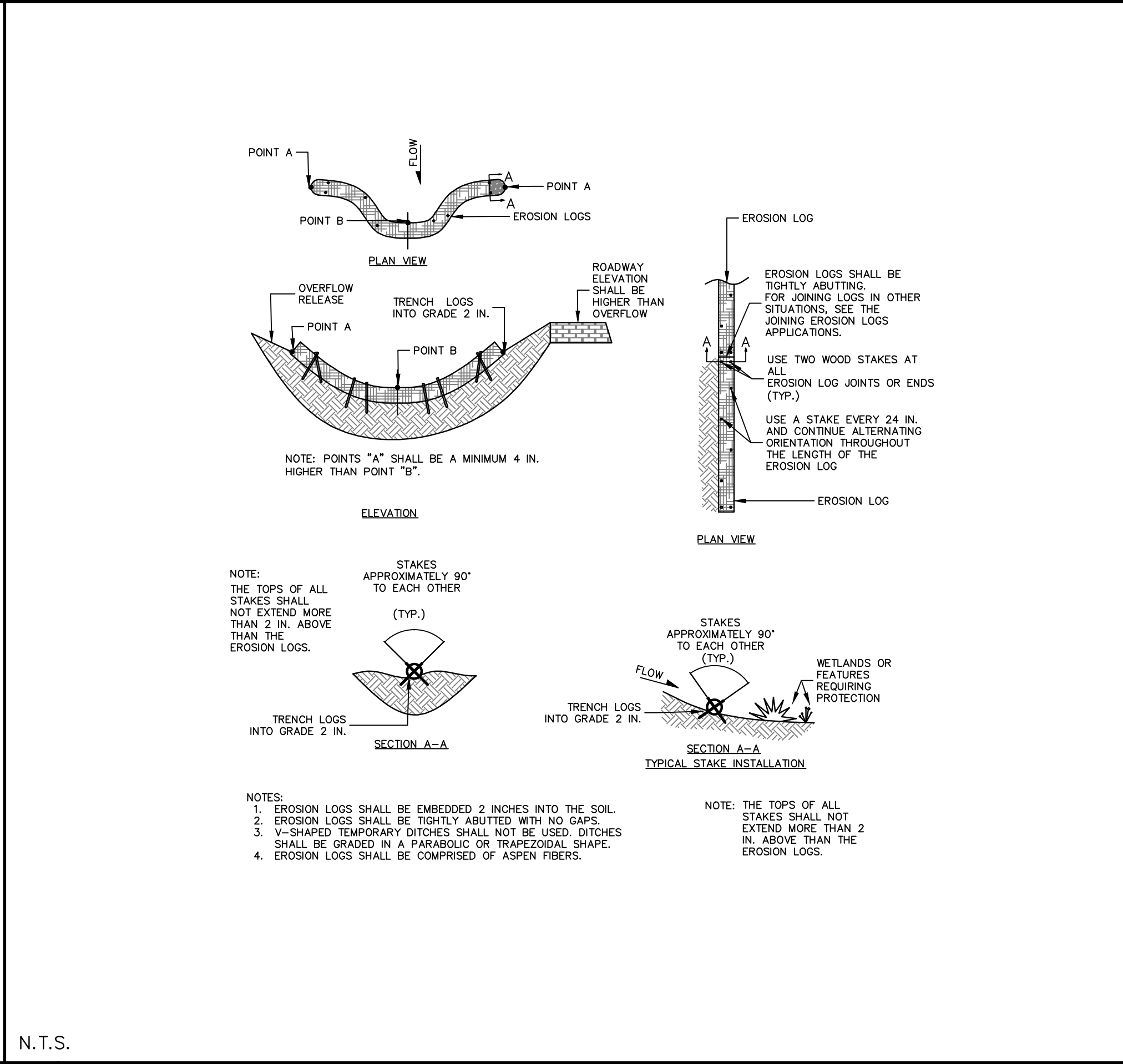
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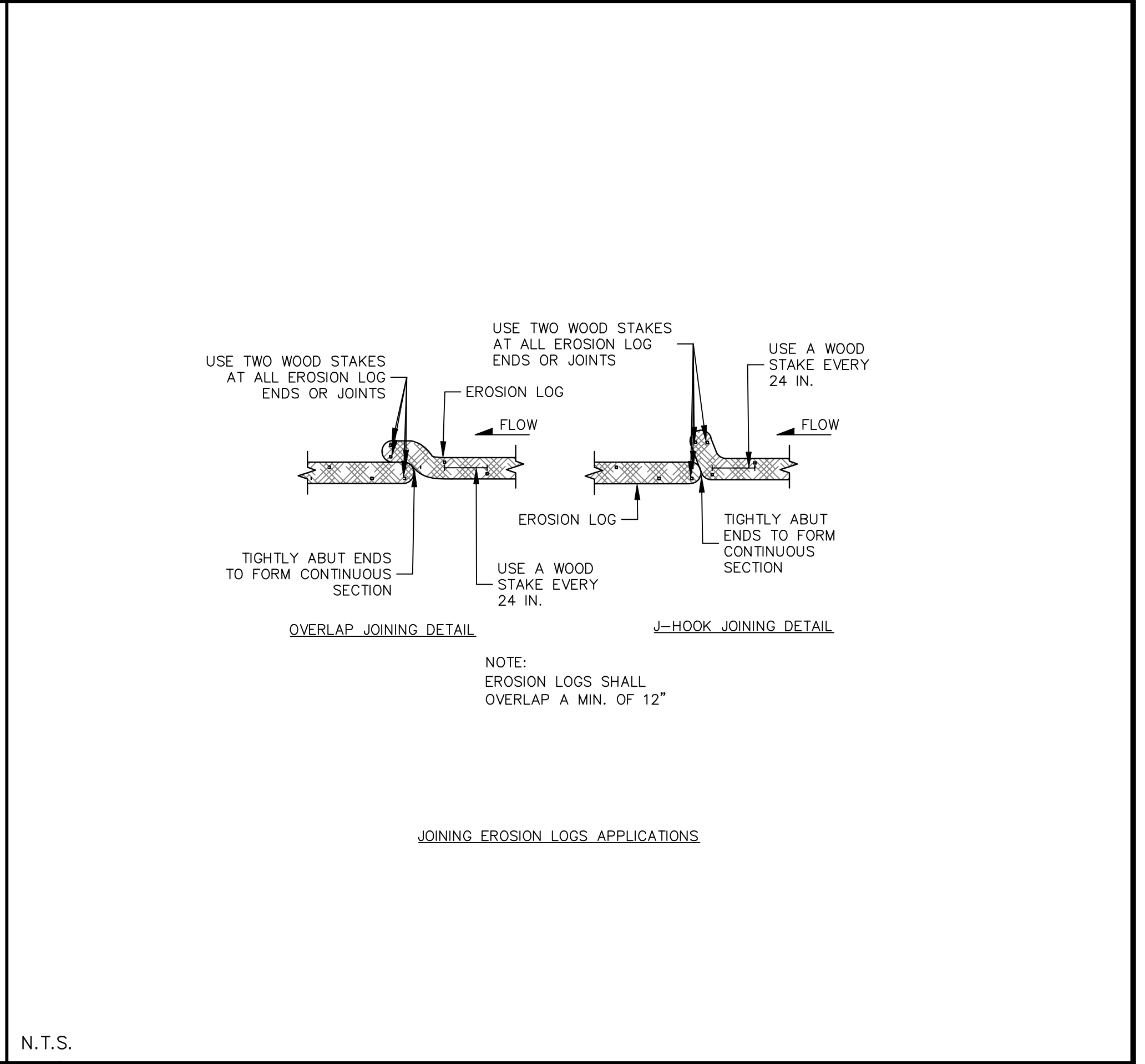
F	CONCRETE	ENCASMENT
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A	SILT FENCE DETAIL
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B	EROSION LOG DETAIL
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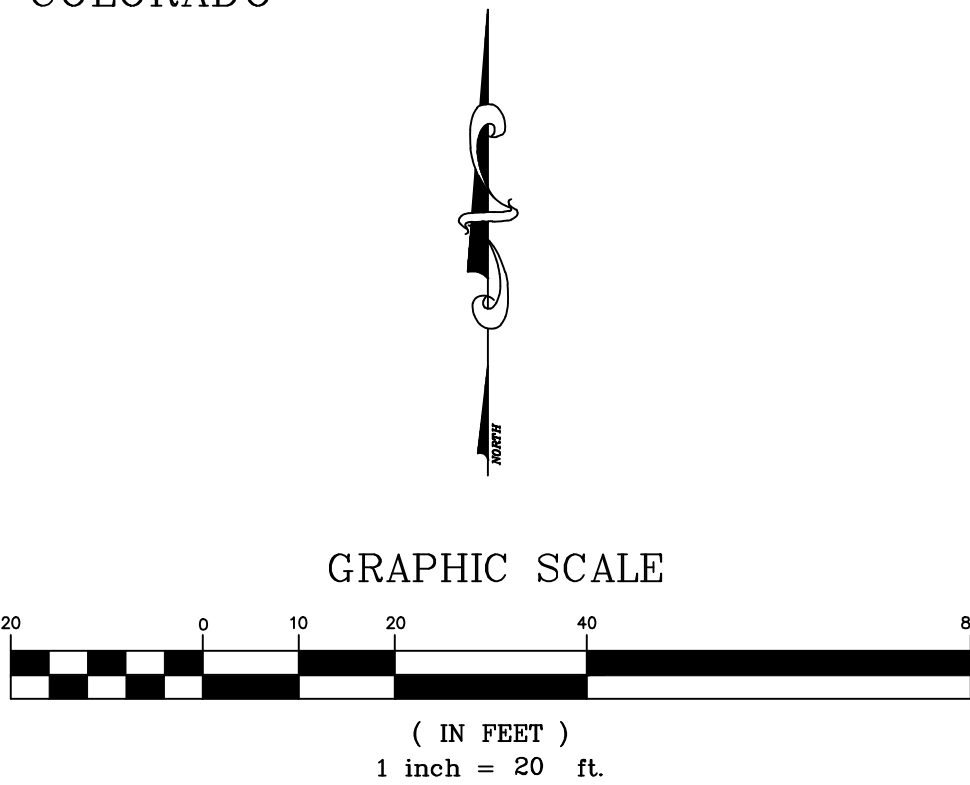
C	JOINING EROSION LOGS
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LAGOON TOWNHOMES FRISCO, COLORADO CONSTRUCTION DETAILS	
SCALE: 1"=20'	SHEET: 7 OF 7
ISSUE: BID PLANS	DATE: JULY 21, 2025
DRAWN: D. LEINWEBER	INIT.:
FILE: LD UTILITY.DWG	JOB NO.: 2025-04
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PARTIAL TOPOGRAPHIC MAP OF
LAGOON TOWN HOMES
TOWN OF FRISCO, SUMMIT COUNTY, COLORADO



LEGEND

	FIRE HYDRANT
	WATER VALVE
	WATER CURB STOP
	SEWER MANHOLE
	SEWER CLEANOUT
	UTILITY PEDESTAL
	SIGN
	ASPEN TREE WITH TRUNK DIAMETER
	PINE OR SPRUCE TREE WITH TRUNK DIAMETER
	WATER LINE
	UNDER GROUND CATV
	UNDERGROUND ELECTRIC
	UNDERGROUND TELEPHONE
	GAS
	SANITARY SEWER
	STORM SEWER

GENERAL NOTES

1. DATE OF SURVEY: JUNE 2023.
AUGUST 14, 2023. ADD UNDERGROUND UTILITIES (AS MARKED BY OTHERS)
2. CONTOUR INTERVAL = ONE FOOT.
3. PROJECT BENCHMARK: HELD ELEVATION PER LAGOON TOWNHOMES SITE PLAN DATED 1996.
4. THE PLAT OF LAGOON TOWNHOMES CONDOMINIUM – PHASE IV, WAS RECORDED JANUARY 16, 1984 AT RECEPTION No. 271220 IN THE SUMMIT COUNTY CLERK AND RECORDER'S OFFICE. (BUILDINGS 734, 742 AND 750).
4. THE PLAT OF LAGOON TOWNHOMES CONDOMINIUM – PHASE VII, WAS RECORDED FEBRARY 28, 1985 AT RECEPTION No. 293036 IN THE SUMMIT COUNTY CLERK AND RECORDER'S OFFICE. (BUILDINGS 738).
4. THE PLAT OF LAGOON TOWNHOMES CONDOMINIUM – PHASE ONE & TWO, WAS RECORDED JULY 6, 1982 AT RECEPTION No. 241912 IN THE SUMMIT COUNTY CLERK AND RECORDER'S OFFICE. (BUILDINGS 746, 754, 762, 766 AND 758).
5. SCHMIDT LAND SURVEYING, INC. DID NOT PERFORM A TITLE SEARCH OF THE SUBJECT PROPERTY TO ESTABLISH OWNERSHIP, EASEMENTS OR RIGHTS-OF-WAY OF RECORD.

NOTICE:
ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON.