

N:\jobs\2419.00\Drawings\241900 UTIL.dwg, 11/13/2024 2:12:53 PM

NOTE: ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITY LOCATIONS, INVERTS AND SIZES ARE APPROXIMATE ONLY AND MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION. TIE IN POINTS SHALL BE POTHOLED AND LOCATIONS, INVERTS AND SIZES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

UTILITY SERVICE PLAN NOTES:

THE CONTRACTOR SHALL NOTIFY CHEROKEE METRO DISTRICT'S INSPECTIONS OFFICE (NORTH: 668-4366 OR SOUTH: 668-4658) A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

GENERAL:

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET CHEROKEE METROPOLITAN DISTRICT'S STANDARDS.
- IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND THE DESIGN ENGINEER IMMEDIATELY.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF HIS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF CHEROKEE METRO DISTRICT.
- ALL FIELD STAKING SHALL COMPLY WITH THE WATER/WASTEWATER LESS.
- CORROSION PROTECTION MEASURES SHALL COMPLY WITH THE WATER/WASTEWATER LESS.
- FINAL LOCATION OF ALL WASTEWATER AND WATER SERVICES SHALL BE APPROVED IN THE FIELD BY THE CHEROKEE METRO DISTRICT INSPECTOR.
- ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL AND SECTION 5.18 OF THE WATER LESS.

WASTEWATER:

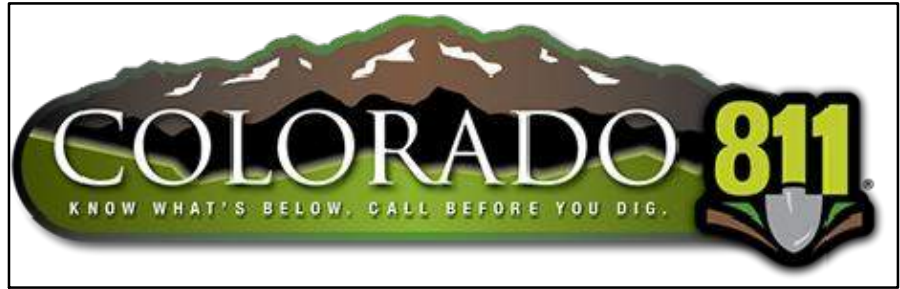
- SERVICE STUBS SHALL BE INSTALLED A MINIMUM OF SEVEN FEET (7') INTO THE PROPERTY, UNLESS OTHERWISE SHOWN, AND THE END OF THE STUB SHALL BE MARKED WITH A 2"x4"x12" STEEL OR WOODEN POST.
- SERVICES SHALL BE CONNECTED A MINIMUM OF FIVE FEET (5') FROM THE OUTSIDE EDGE OF ANY MANHOLE ON THE MAIN LINE AND SHALL MAINTAIN TWO FEET (2') OF SEPARATION BETWEEN TAPS CENTER TO CENTER.
- ALL CLEANOUTS SHALL BE THE SAME SIZE AS THE SERVICE LINE.
- THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY DEPARTMENT OF HEALTH AND ENVIRONMENT WHEN ANY SEPTIC TANK IS TO BE ABANDONED AND PAY ALL FEES NECESSARY TO OBTAIN A PERMIT.

WATER:

- SERVICE STUBS SHALL BE INSTALLED WITH THE CURB STOP AT OR NEAR PROPERTY LINE AND SHALL NOT BE INSTALLED WITHIN DRIVEWAYS OR SIDEWALKS (SEE DETAIL DRAWING B2-3).
- SERVICE TAPS SHALL BE MADE A MINIMUM OF THREE FEET (3') FROM THE BELL OR APPURTENANCE ON THE WATER MAIN. TAPS SHALL BE A MINIMUM OF THREE FEET (3') APART ON THE SAME SIDE OF THE WATER MAIN AND A MINIMUM OF ONE-AND-A-HALF FEET (1.5') WHEN TAPS ARE MADE ON OPPOSITE SIDES OF THE WATER MAIN.
- ALL SERVICES FOR COMMERCIAL USE AND SOME RESIDENTIAL USES REQUIRE INSTALLATION OF A BACKFLOW PREVENTION ASSEMBLY IMMEDIATELY AFTER THE METER. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE APPROVED BY THE FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH OF THE UNIVERSITY OF SOUTHERN CALIFORNIA (USC-FCOCHR) AND INSTALLED IN ACCORDANCE WITH THIS LISTING. PLEASE REFERENCE THE WATER LINE EXTENSION STANDARDS FOR ADDITIONAL REQUIREMENTS.
- ALL TAPS ON CHEROKEE METRO DISTRICT WATER MAINS SHALL BE PERFORMED BY CHEROKEE METRO DISTRICT. ALL OTHER TAPS SHALL BE PERFORMED BY THE CONTRACTOR.
- ANY ABANDONED SERVICES MUST BE PHYSICALLY DISCONNECTED AT THE MAIN. ANY NECESSARY REPAIRS TO THE MAIN AND/OR SHUT DOWN OF THE TAPPING VALVE SHALL BE AS DIRECTED BY CHEROKEE METRO DISTRICT.
- ALL WATER SERVICE LINES SHOULD ENTER THE BUILDING WITHIN 3 FEET OF AN EXTERIOR WALL. EXPOSED WATER PLUMBING SHALL BE MINIMIZED INSIDE THE BUILDING PRIOR TO THE WATER METER AND/OR APPROVED BACKFLOW PREVENTION ASSEMBLY OR METHOD.
- ALL HDPE WATER SERVICE LINES MUST EXTEND A MINIMUM OF 6 INCHES ABOVE THE FLOOR AND BE 90 DEGREES FROM THE FLOOR PLAN TO ALLOW FOR BRACING AND TRANSITION TO THE METER LOOP ASSEMBLY.

WATER PLAN NOTES:

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET COLORADO SPRINGS UTILITIES' WATER LINE EXTENSION AND SERVICE STANDARDS (WATER LESS).
- THE CONTRACTOR SHALL OBTAIN LOCATES PRIOR TO ANY EXCAVATION.
- IF FIELD CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR AND THE ENGINEER OF RECORD IMMEDIATELY.
- NO TREES OR STRUCTURES ARE PERMITTED WITHIN FIFTEEN FEET (15') OF A WATER MAIN.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF HIS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY TO THE SATISFACTION OF CHEROKEE METRO DISTRICT.
- ALL FIELD STAKING SHALL COMPLY WITH THE WATER LESS.
- THE CONTRACTOR SHALL MAKE THEIR BEST EFFORT TO ENSURE THAT WATER SERVICE TO ADJACENT PROPERTIES IS MAINTAINED DURING CONSTRUCTION.
- CORROSION PROTECTION MEASURES SHALL COMPLY WITH THE WATER LESS.
- NO SERVICE TAPS WILL BE ALLOWED UNTIL THE MAIN IS EXTENDED TO THE NEXT MAIN-LINE VALVE.
- NO SERVICE TAPS SHALL BE MADE UNTIL AUTHORIZATION HAS BEEN GRANTED BY THE CHEROKEE METRO DISTRICT'S INSPECTOR.
- ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION AND THE STATIONING ON THE FIELD STAKES SHALL MATCH THE STATIONING ON THE PLANS.
- FIELD MODIFICATIONS TO A FIRE SERVICE LINE OR FIRE HYDRANT DESIGN OR LOCATION MAY NEED TO BE APPROVED BY THE DESIGN ENGINEER, FIRE DEPARTMENT AND CHEROKEE METRO DISTRICT, AS REQUIRED BY THE INSPECTOR.
- REUSE OR SALVAGE OF ANY MATERIAL IS LEFT TO THE DISCRETION OF THE CHEROKEE METRO DISTRICT'S INSPECTOR.
- ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL.
- ALL WATER SERVICE LINES SHOULD ENTER THE BUILDING WITHIN 3 FEET OF AN EXTERIOR WALL. EXPOSED WATER PLUMBING SHALL BE MINIMIZED INSIDE THE BUILDING PRIOR TO THE WATER METER AND/OR APPROVED BACKFLOW PREVENTION ASSEMBLY OR METHOD.

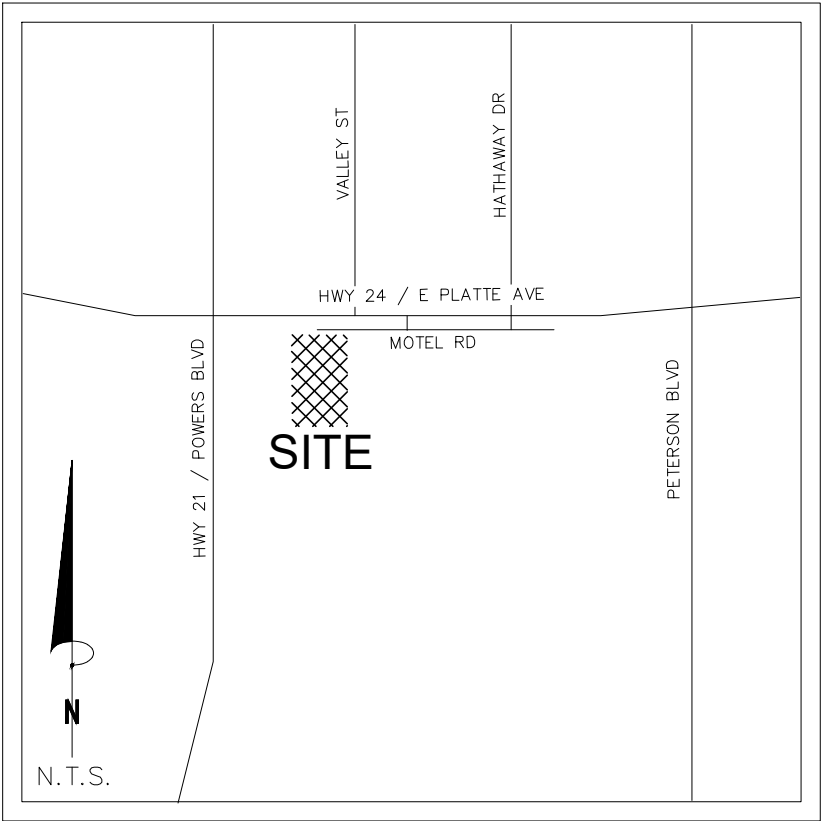


BUILDING FIRE DATA	
MINI STORAGE	
CONSTRUCTION TYPE	II-A
GROSS SQUARE FOOTAGE	9,000
REQUIRED FIRE FLOW	1,500
REQUIRED # OF HYDRANTS	1
AVG SPACING BETWEEN HYDRANT	500 FT
MAX HOSE DISTANCE	250 FT
FIRE FLOW PROVIDED	TBD
FIRE FLOW DURATION	2 HRS
AREA SEPARATION WALL	NO
MAX STATIC PRESSURE	TBD

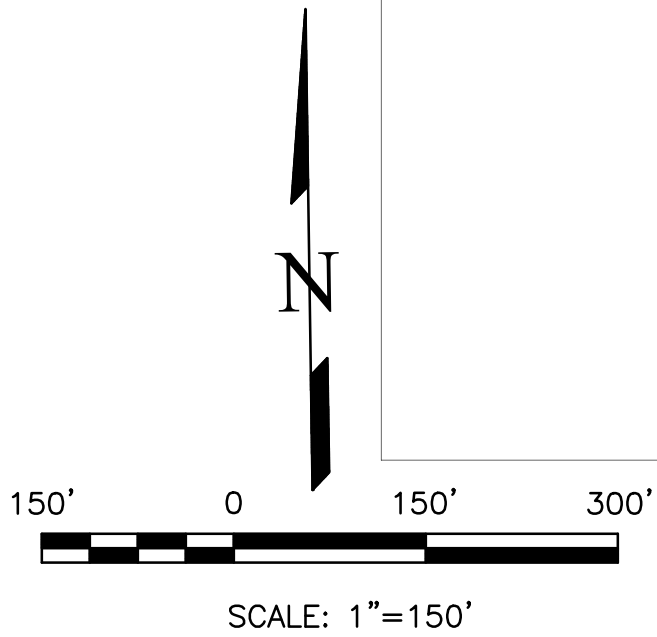
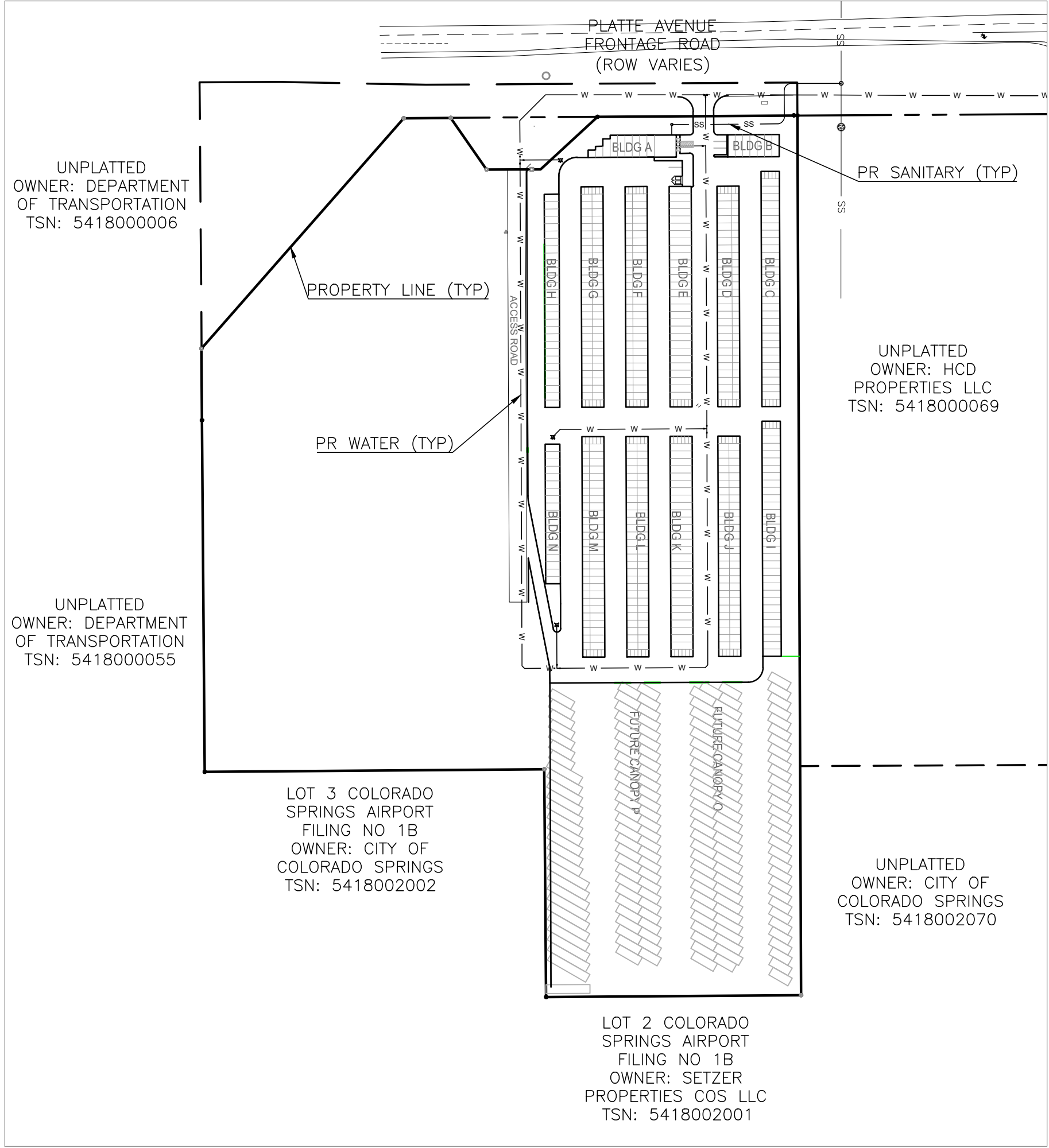
FIRE FLOW

THE THEORETICAL AVAILABLE FIRE FLOW AT EACH FIRE HYDRANT NODE WITH A 20 PSI RESIDUAL IS ESTIMATED AS FOLLOWS (ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS). FLOW ESTIMATES ARE BASED ON A FLOW TEST OF THE EXISTING HYDRANT BY THE CHEROKEE METRO DISTRICT, FLOW AT PRESSURE CALCULATIONS, AND THE ELEVATION CHANGE BETWEEN THE TEST AND PROPOSED HYDRANTS.

NODE	FIRE FLOW (GPM)
A	TBD
B	TBD
C	TBD



VICINITY MAP
N.T.S.



SHEET INDEX

COVER SHEET	1
SANITARY PLAN & PROFILE	2
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WATER MAIN PLAN & PROFILE	7

SITE ADDRESS

6001 E PLATTE AVE, COLORADO SPRINGS

TAX ID

5418000075

LEGAL DESCRIPTION

TRACT IN NW4 OF SEC 18-14-65 AS FOLS, BEG AT A PT ON S R/W LN OF US HWY 24 940 FT E OF W LN OF SD SEC, TH E ON SD LN 310 FT, ANG R 90< S 25 FT, ANG L 90< E 155.2 FT M/L, S 931.8 FT, W PARA WITH S LN OF N2 426.1 FT M/L TO A PT, TH ANG R 89<59' N 958.2 FT TO POB, W 349.88 FT OF NE4NW4 OF SEC 18 EX HWY BY BK 6509-223 & REC #201040780

BENCHMARKS

CDOT RIGHT OF WAY MONUMENT #3014 - ELEV=6232.52 (NAVD-1988)
[NORTHEAST OF SITE ENTRANCE]

CONTACT INFORMATION:

OWNER:	DONALD HUMPHREY 5780 SAYRES ROAD COLORADO SPRINGS, CO 80927 (719) 492-8649
CIVIL ENGINEER:	TERRA NOVA ENGINEERING, INC. 721 S. 23RD STREET COLORADO SPRINGS, COLORADO 80904 DANE FRANK, P.E., (719) 635-6422
EL PASO COUNTY	PLANNING AND COMMUNITY DEVELOPMENT 2880 INTERNATIONAL CIRCLE COLORADO SPRINGS, COLORADO 80910 (719) 520-6300
CIMARRON HILLS FIRE DEPT	HEADQUARTERS 1835 TUSKEGEE PL COLORADO SPRINGS, COLORADO 80915 (719) 591-0960
CHEROKEE METRO DISTRICT	6250 PALMER PARK BOULEVARD COLORADO SPRINGS, COLORADO 80915 (719) 597-5080

APPROVALS

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA ENGINEERING, INC.

DANE FRANK, COLORADO P.E. #50207 DATE

OWNER/DEVELOPER PLAN APPROVAL

THE UNDERSIGNED OWNER/DEVELOPER AGREES THAT THEY SHALL, AT THEIR EXPENSE, BE SOLELY RESPONSIBLE FOR 1) THE INSTALLATION OF THE PROPOSED UTILITY INFRASTRUCTURE IN ACCORDANCE WITH THESE PLANS, AND 2) ALL DAMAGES AND DEFECTS ARISING FROM, OR RELATED TO, THE INSTALLATION, MAINTENANCE OR OPERATION OF THE PUBLIC UTILITY INFRASTRUCTURE FROM THE DATE OF PRELIMINARY ACCEPTANCE FOR A PERIOD OF TWO YEARS, OR UNTIL FINAL ACCEPTANCE, WHICHEVER IS LATER.

THE UNDERSIGNED UNDERSTANDS THAT ALL PRIVATE UTILITY INFRASTRUCTURE, AS INDICATED ON THESE PLANS, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE MAINTAINED BY THE OWNER, AS REQUIRED BY "COLORADO SPRINGS UTILITIES" LINE EXTENSION AND SERVICE STANDARDS".

☒ PUBLIC FACILITIES PROPOSED ☒ PRIVATE FACILITIES PROPOSED

SIGNED: OWNER/DEVELOPER DATE: _____

OWNER/DEVELOPER (PRINT NAME)

DBA: _____

ADDRESS: _____

EMAIL ADDRESS: _____

PHONE: _____

CHEROKEE METROPOLITAN DISTRICT

UTILITY SERVICE PLAN APPROVAL

THE CHEROKEE METROPOLITAN DISTRICT RECOGNIZES THE DESIGN PROFESSIONAL OF RECORD AS THE LICENSED ENGINEER HAVING RESPONSIBILITY FOR THE SUBMITTED DESIGN AND THE DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY. AS SUCH, THE APPROVAL GRANTED HEREIN IS FOR THE CONSTRUCTION OF THE FACILITIES AS REPRESENTED ON THESE DOCUMENTS. APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE BELOW AND RESUBMITTAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PERIOD.

APPROVED BY: _____ DATE: _____

CHEROKEE METROPOLITAN DISTRICT

WATER PLAN APPROVAL

THE CHEROKEE METROPOLITAN DISTRICT RECOGNIZES THE DESIGN PROFESSIONAL OF RECORD AS THE LICENSED ENGINEER HAVING RESPONSIBILITY FOR THE SUBMITTED DESIGN AND THE DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY. AS SUCH, THE APPROVAL GRANTED HEREIN IS FOR THE CONSTRUCTION OF THE FACILITIES AS REPRESENTED ON THESE DOCUMENTS. APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE BELOW AND RESUBMITTAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PERIOD.

APPROVED BY: _____ DATE: _____

ACCORDING TO THE MODELED CALCULATIONS REVIEWED BY THE GOVERNING WATER DISTRICT AND/OR COLORADO REGISTERED CIVIL ENGINEER/DESIGNER, THE THEORETICAL AVAILABLE FIRE FLOW AT NODE ~~444~~ IS ~~144~~ GALLONS PER MINUTE UNDER MAXIMUM DAILY DEMAND CONDITIONS AT 20 PSI RESIDUAL. THE ACTUAL FIRE FLOW MAY VARY DUE TO VARIOUS PARAMETERS.

UPON DETAILED REVIEW OF THE AVAILABLE WATER SUPPLY, FIRE HYDRANT LOCATIONS AND HOSE LAY DISTANCES, THESE PLANS ARE HEREBY CONSIDERED APPROVED.

CIMARRON HILLS FIRE DEPARTMENT

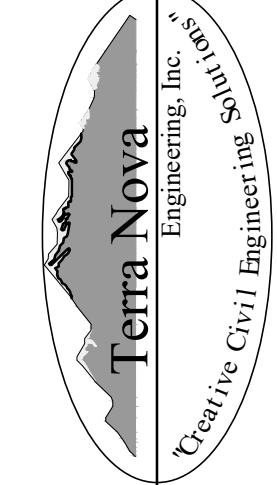
FIRE DEPARTMENT SIGNATURE: _____

DATE: _____

REVISIONS	NO.	DESCRIPTION	DATE

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE REVIEWING AGENCIES, TERRA NOVA ENGINEERING, INC. APPROVES THEIR USE ONLY FOR THE PROJECT DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR:
RMG-ROCKY MOUNTAIN GROUP
ATTN:
5085 LIST DR, #200
COLORADO SPRINGS, CO 80919
719.548.0600



721 S. 23RD STREET
COLORADO SPRINGS, CO 80904
OFFICE: 719-635-6422
FAX: 719-635-6426
www.tnainc.com

PLATTE SELF STORAGE

WATER & UTILITY SERVICE PLAN
COVER SHEET

DESIGNED BY	JF
DRAWN BY	JF
CHECKED BY	LD
H-SCALE	AS SHOWN
V-SCALE	N/A
JOB NO.	2419.00
DATE ISSUED	11/13/24
SHEET NO.	1 OF 7

PPR2418



PLATTE SELF STORAGE

WATER & UTILITY SERVICE PLAN

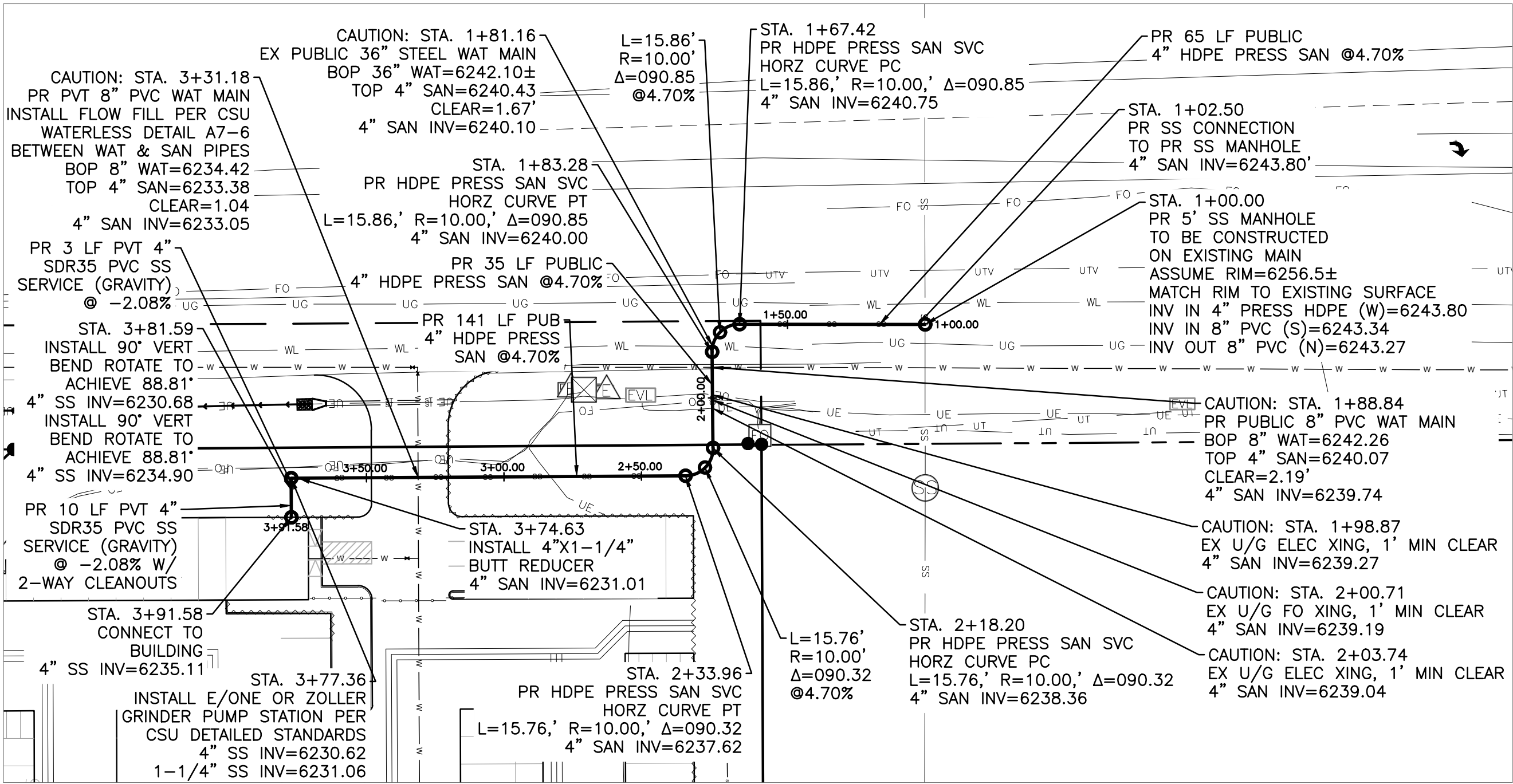
SANITARY PLAN & PROFILE

NOVEMBER 2024

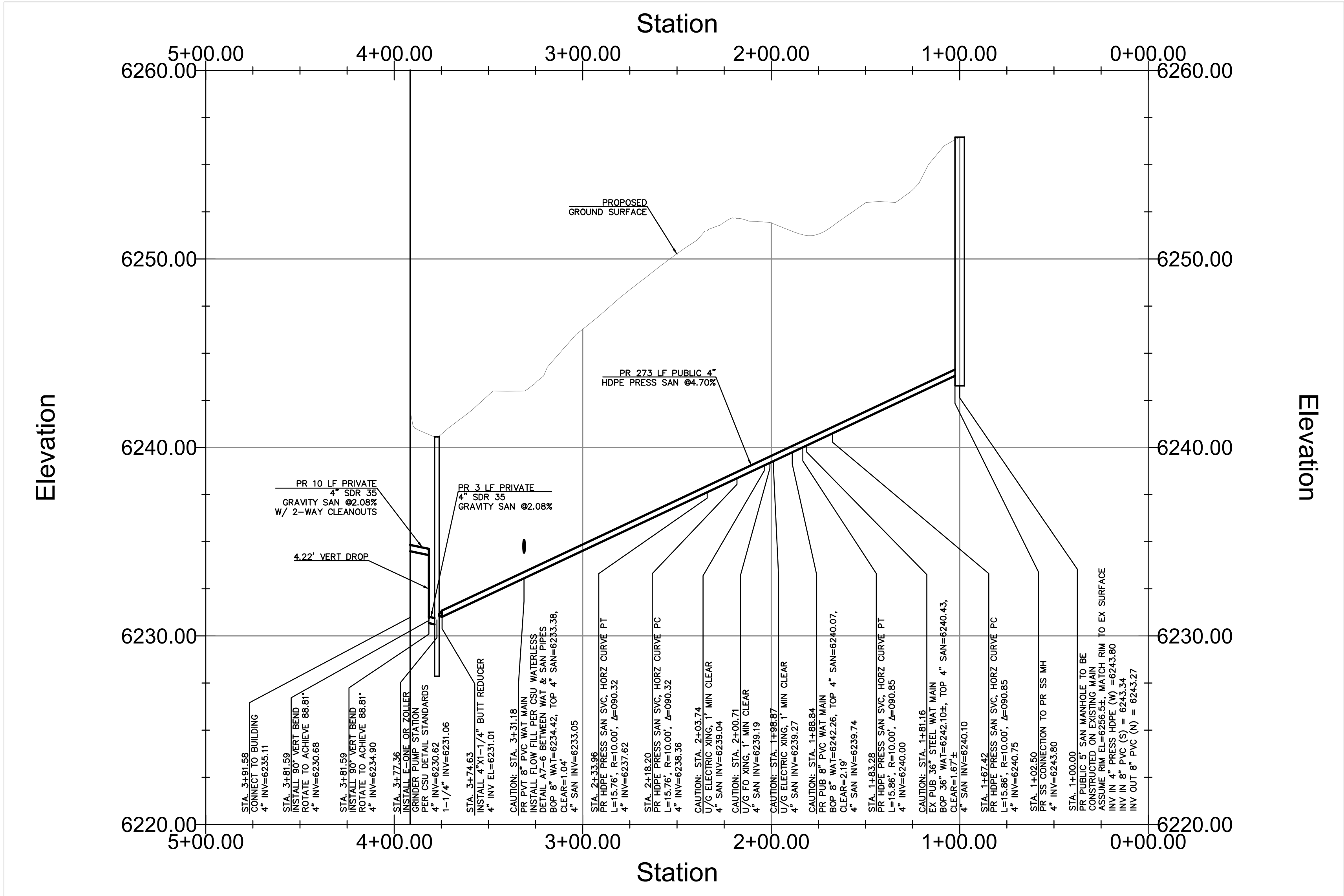
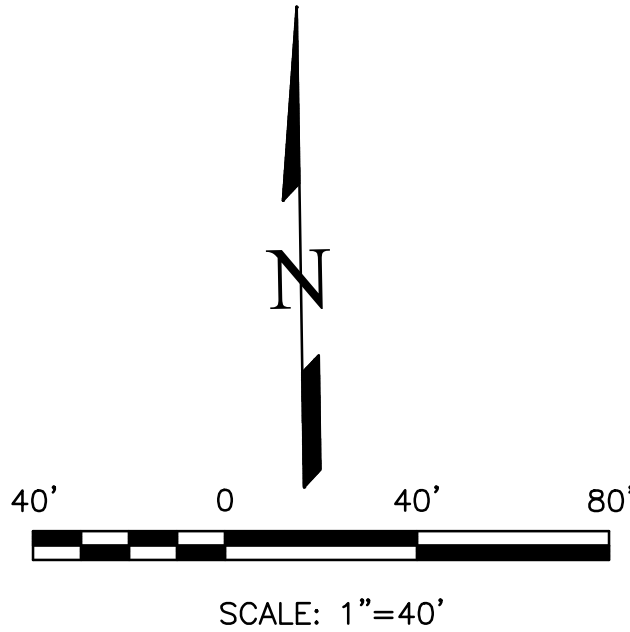
NOTES:

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—ALL PROPOSED MANHOLES TO BE CHEROKEE STANDARD OF MINIMUM 5' INTERNAL DIAMETER.



PR SANITARY — PLAN VIEW
SCALE 1" = 40'



PR WATER MAIN — PROFILE VIEW
HORZ SCALE 1" = 40'
VERT SCALE 1" = 4'

LEGEND

PROPOSED	PR
EXISTING	EX
WATER LINE	— W —
SEWER LINE	— SS —
STORM LINE	— ST —
UNDERGROUND ELECTRIC LINE	— UE —
CHAIN LINK FENCE	— □ —
FIRE HYDRANT	— (F) —
GAS LINE	— G —
FIBER OPTIC LINE	— FO —

APPROVALS

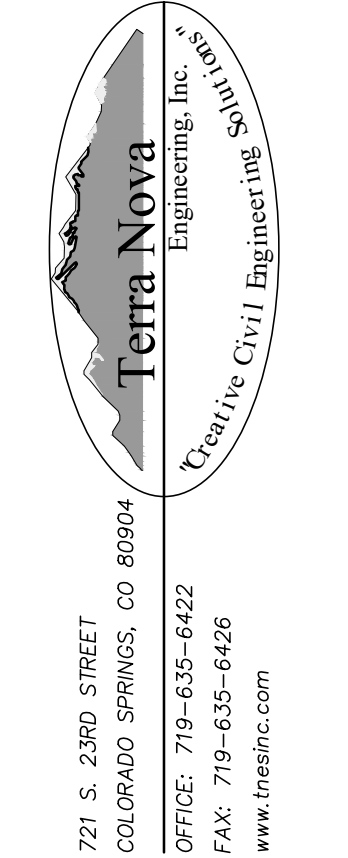
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA ENGINEERING, INC.

DANE FRANK, COLORADO P.E. #50207

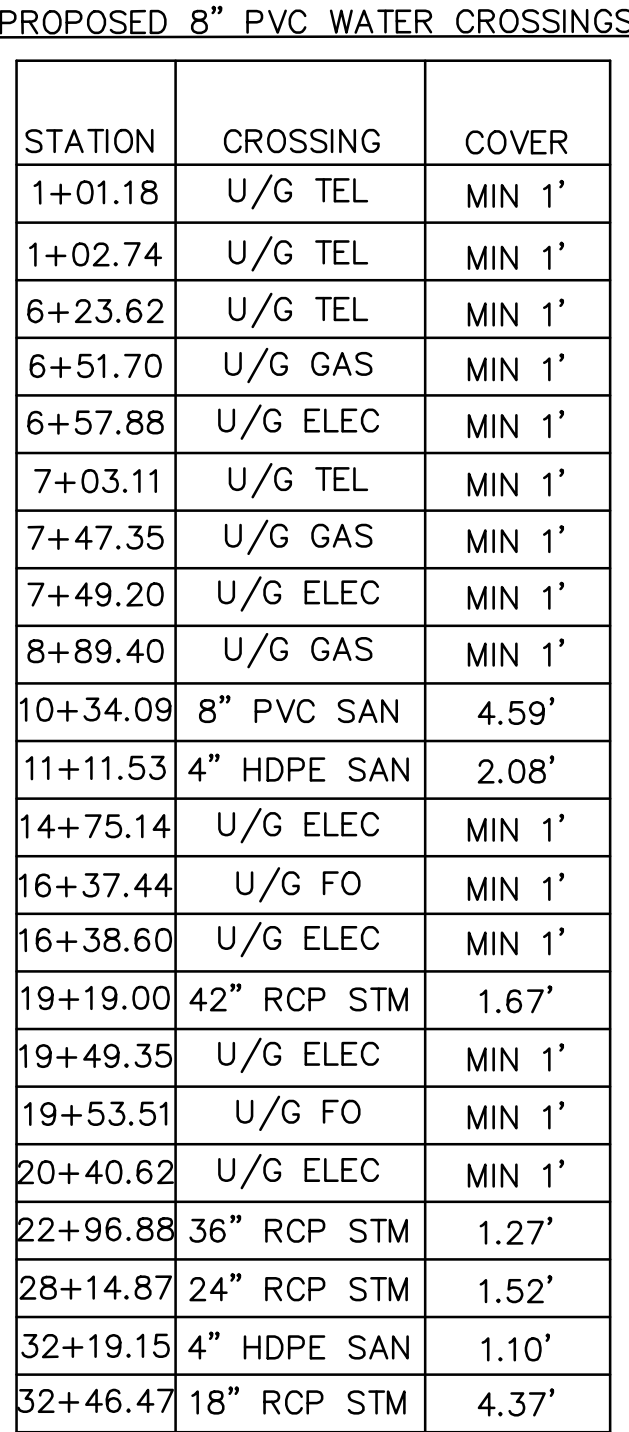
DATE

REVISIONS	NO.	DESCRIPTION	DATE
UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE ENGINEER, NO CHANGES SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION.			


PREPARED FOR:
RMG-ROCKY MOUNTAIN GROUP
ATTN:
5085 LIST DR, #200
COLORADO SPRINGS, CO 80919
716.548.0600



PLATTE SELF STORAGE	DESIGNED BY JF
WATER & UTILITY SERVICE PLAN	DRAWN BY JF
UTILITY SERVICE PLAN	CHECKED BY LD
	H-SCALE AS SHOWN
	V-SCALE N/A
	JOB NO. 2419.00
	DATE ISSUED 11/13/24
	SHEET NO. 2 OF 7



STATION	CROSSING	COVER
1+01.18	U/G TEL	MIN 1'
1+02.74	U/G TEL	MIN 1'
6+23.62	U/G TEL	MIN 1'
6+51.70	U/G GAS	MIN 1'
6+57.88	U/G ELEC	MIN 1'
7+03.11	U/G TEL	MIN 1'
7+47.35	U/G GAS	MIN 1'
7+49.20	U/G ELEC	MIN 1'
8+89.40	U/G GAS	MIN 1'
10+34.09	8" PVC SAN	4.59'
11+11.53	4" HDPE SAN	2.08'
14+75.14	U/G ELEC	MIN 1'
16+37.44	U/G FO	MIN 1'
16+38.60	U/G ELEC	MIN 1'
19+19.00	42" RCP STM	1.67'
19+49.35	U/G ELEC	MIN 1'
19+53.51	U/G FO	MIN 1'
20+40.62	U/G ELEC	MIN 1'
22+96.88	36" RCP STM	1.27'
28+14.87	24" RCP STM	1.52'
32+19.15	4" HDPE SAN	1.10'
32+46.47	18" RCP STM	4.37'

PROPOSED	PR
EXISTING	EX
WATER LINE	— W — W —
SEWER LINE	— SS — SS —
STORM LINE	— ST — ST —
UNDERGROUND ELECTRIC LINE	— UE — UE —
CHAIN LINK FENCE	— □ — □ —
FIRE HYDRANT	—  —
GAS LINE	— UG —
FIBER OPTIC LINE	— FO — FO —

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA
ENGINEERING, INC.

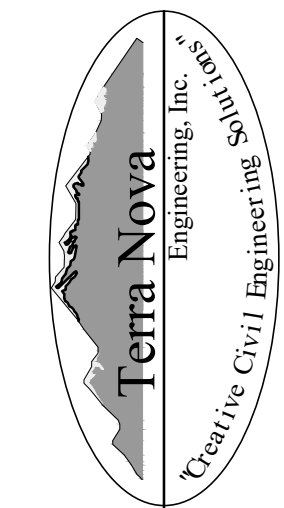
DATE _____

DESCRIPTION	DATE
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REVISIONS

UNTIL SUCH TIME AS THESE
DRAWINGS ARE APPROVED
BY THE APPROPRIATE
REVIEWING AGENCIES,
TERRA NOVA ENGINEERING,
INC. APPROVES THEIR USE
ONLY FOR THE
PURPOSES DESIGNATED BY
WRITTEN AUTHORIZATION.

PREPARED FOR:
RMG-ROCKY MOUNTAIN GROUP
ATTN:
5085 LIST DR, #200
COLORADO SPRINGS, CO 80919
719.548.0500



721 S. 23RD STREET
COLORADO SPRINGS, CO 80904
OFFICE: 719-635-6422
FAX: 719-635-6426
www.tnesinc.com

PLATTE SELF STORAGE

WATER & UTILITY SERVICE PLAN
WATER PLAN

DESIGNED BY	JF
DRAWN BY	JF
CHECKED BY	LD
1/4" SCALE	AS SHOWN
1/2" SCALE	N/A
JOB NO.	2419.00
DATE ISSUED	11/13/07
SHEET NO.	3 OF 3

N:\jobs\2419.00\Drawings\241900 UTIL.dwg, 11/13/2024 2:12:59 PM

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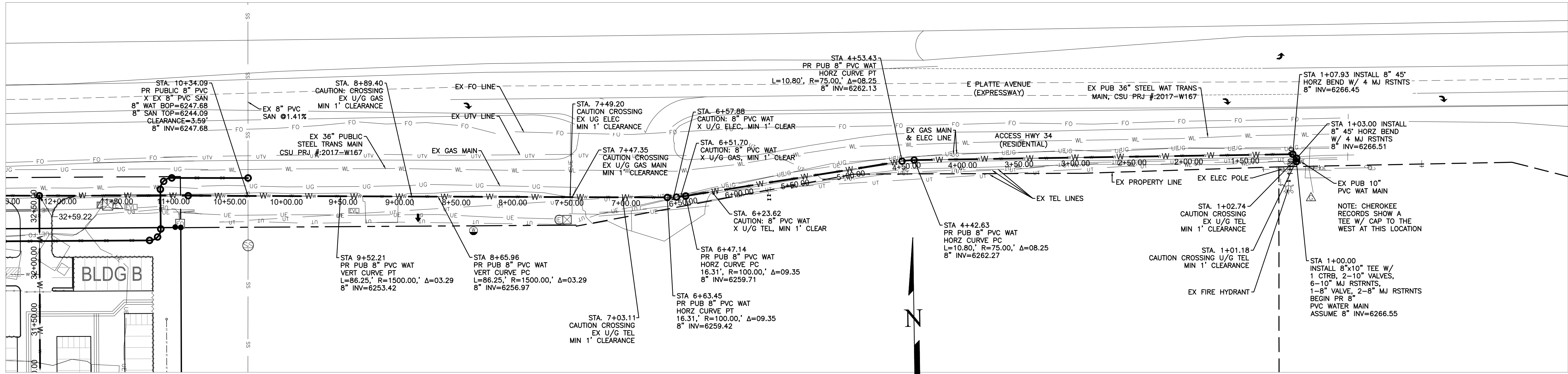
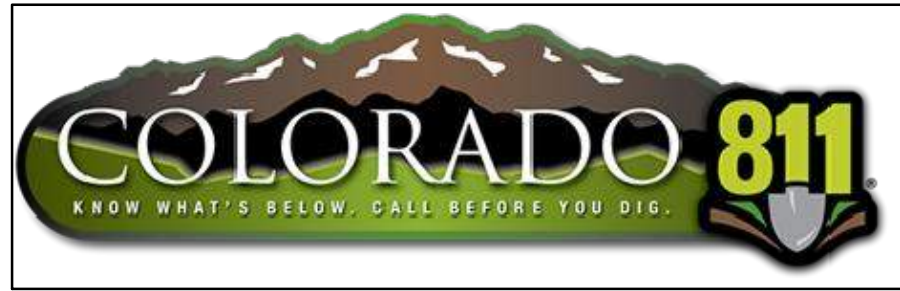
NOTE: USE EQUIVALENT PVC W/DIP FITTINGS FOR PORTIONS OF PROPOSED 8" PVC WATER MAIN THAT USE VERTICAL OR HORIZONTAL CURVES.

PLATTE SELF STORAGE

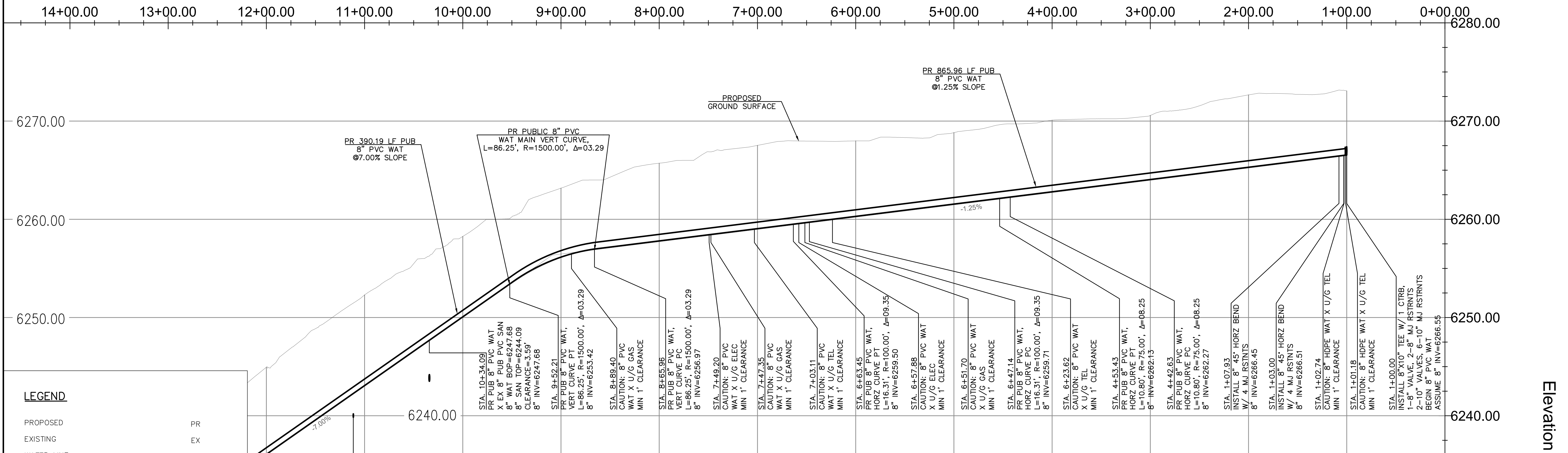
WATER & UTILITY SERVICE PLAN

WATER MAIN PLAN & PROFILE

NOVEMBER 2024



PR WATER MAIN - PLAN VIEW



PR WATER MAIN - PROFILE VIEW
HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'

LEGEND

PROPOSED	PR
EXISTING	EX
WATER LINE	W
SEWER LINE	SS
STORM LINE	ST
UNDERGROUND ELECTRIC LINE	UE
CHAIN LINK FENCE	
FIRE HYDRANT	
GAS LINE	UG
FIBER OPTIC LINE	FO

APPROVALS

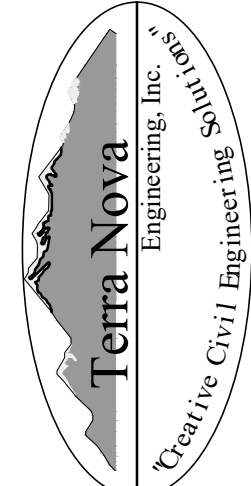
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA ENGINEERING, INC.

DANE FRANK, COLORADO P.E. #50207

DATE

REVISIONS	NO.	DESCRIPTION	DATE
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PREPARED FOR:
RMG-ROCKY MOUNTAIN GROUP
ATTN:
5085 LIST DR, #200
COLORADO SPRINGS, CO 80919
719.548.0600



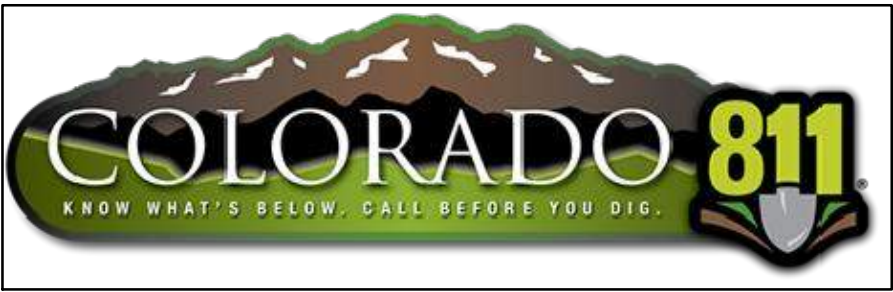
721 S. 23RD STREET
COLORADO SPRINGS, CO 80904
OFFICE: 719-635-6422
FAX: 719-635-6426
www.tnecinc.com

PLATTE SELF STORAGE

WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE

DESIGNED BY DLF	
DRAWN BY DLF	
CHECKED BY LD	
H-SCALE AS SHOWN	
V-SCALE AS SHOWN	
JOB NO. 2419.00	
DATE ISSUED 11/13/24	
SHEET NO. 4 OF 7	

PLATTE SELF STORAGE
WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE
NOVEMBER 2024

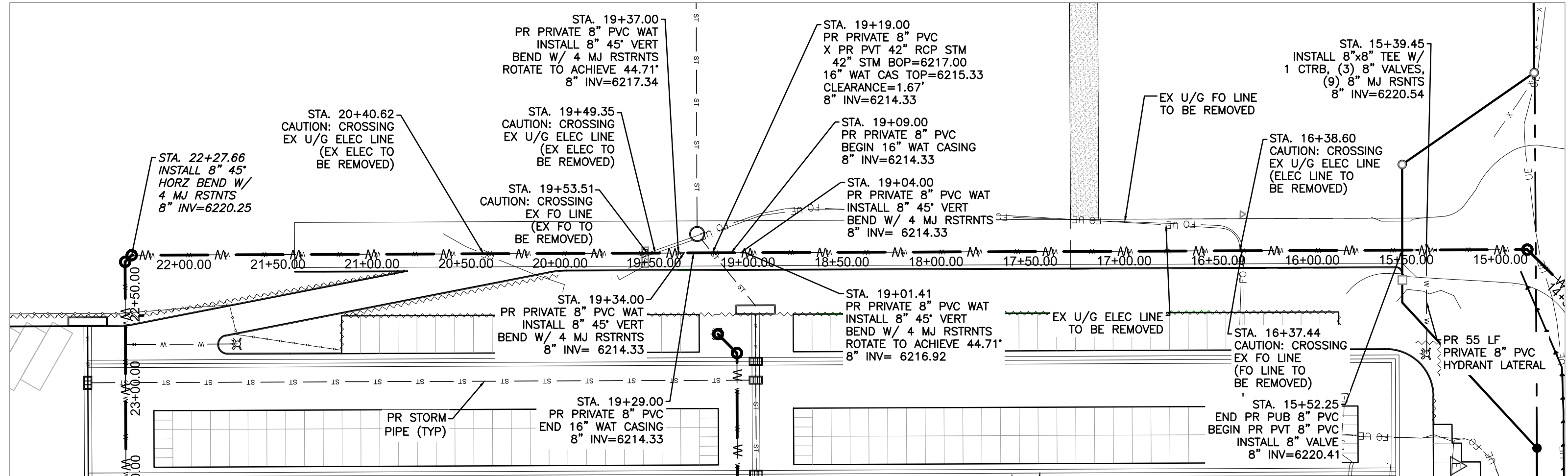


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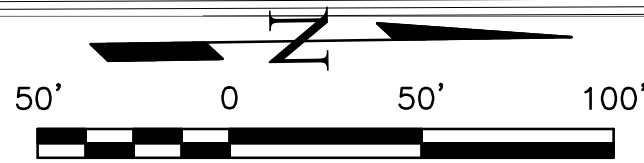
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LEGEND

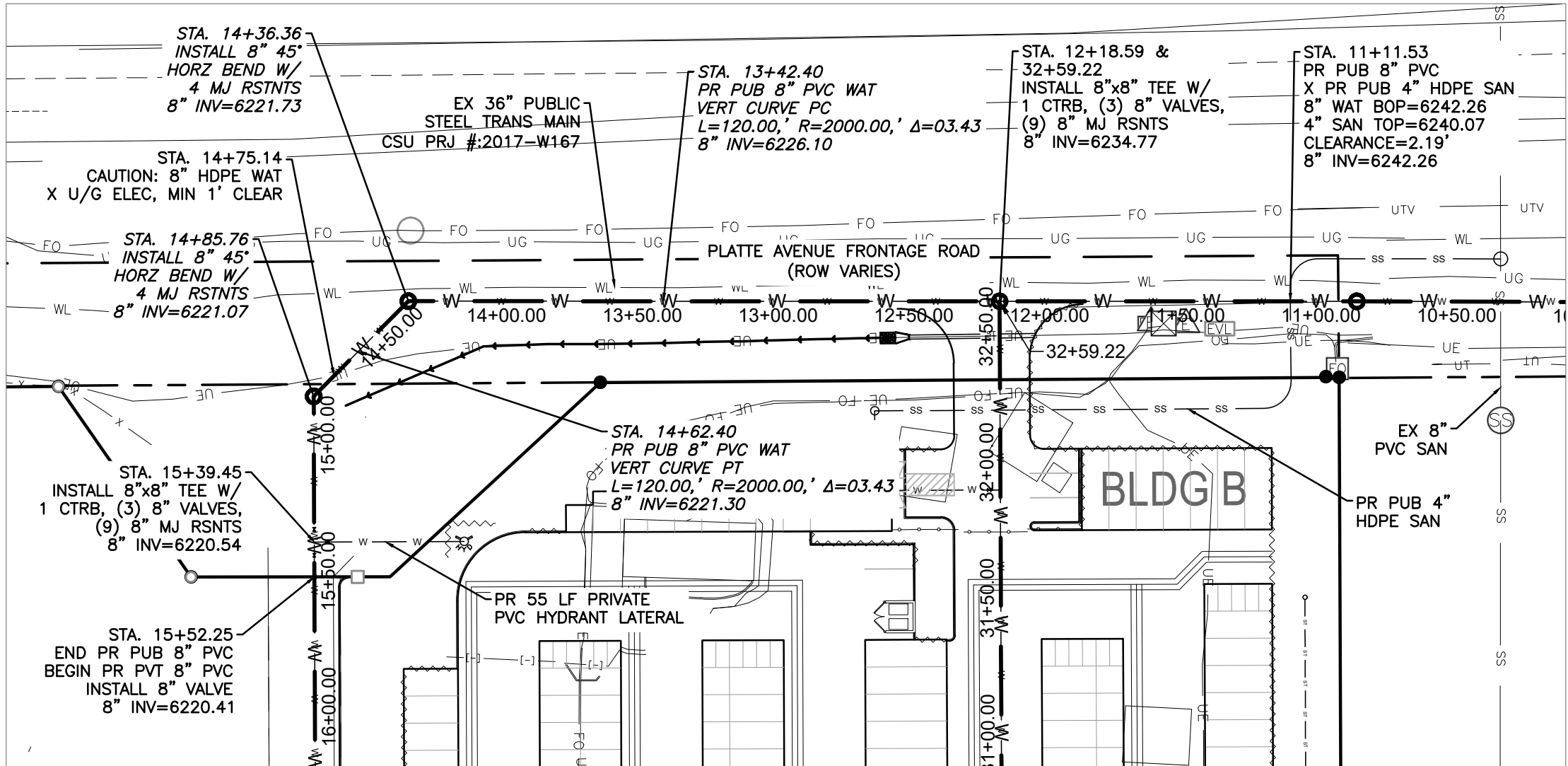
PROPOSED	PR
EXISTING	EX
WATER LINE	— W — W —
SEWER LINE	— SS — SS —
STORM LINE	— ST — ST —
UNDERGROUND ELECTRIC LINE	— UE — UE —
CHAIN LINK FENCE	— □ — □ —
FIRE HYDRANT	⊗
GAS LINE	— UG —
FIBER OPTIC LINE	— FO — FO —



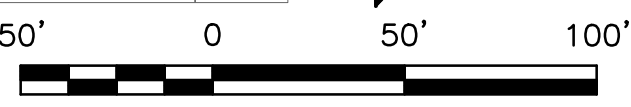
PR WATER MAIN - PLAN VIEW



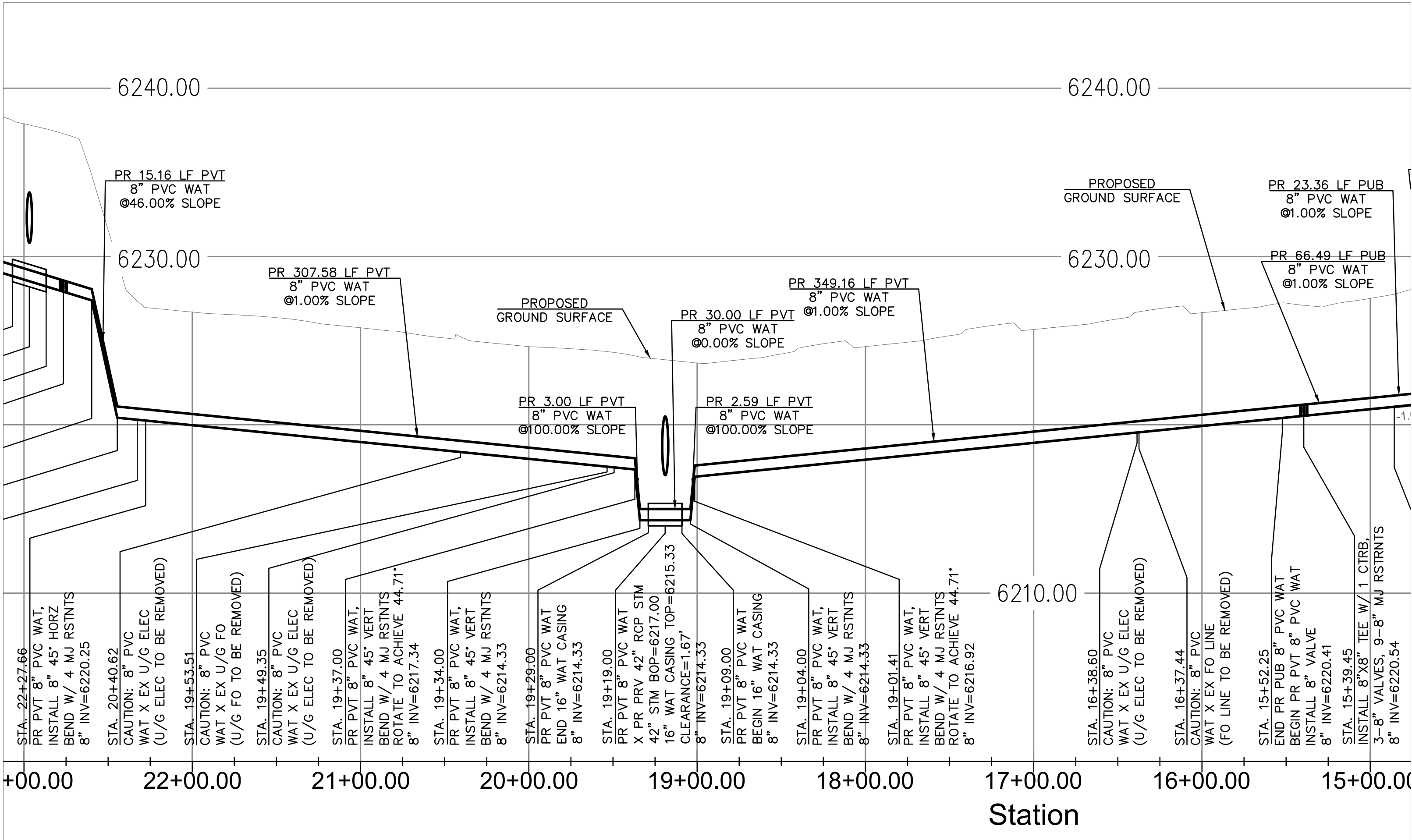
SCALE: 1"=50'



PR WATER MAIN - PLAN VIEW

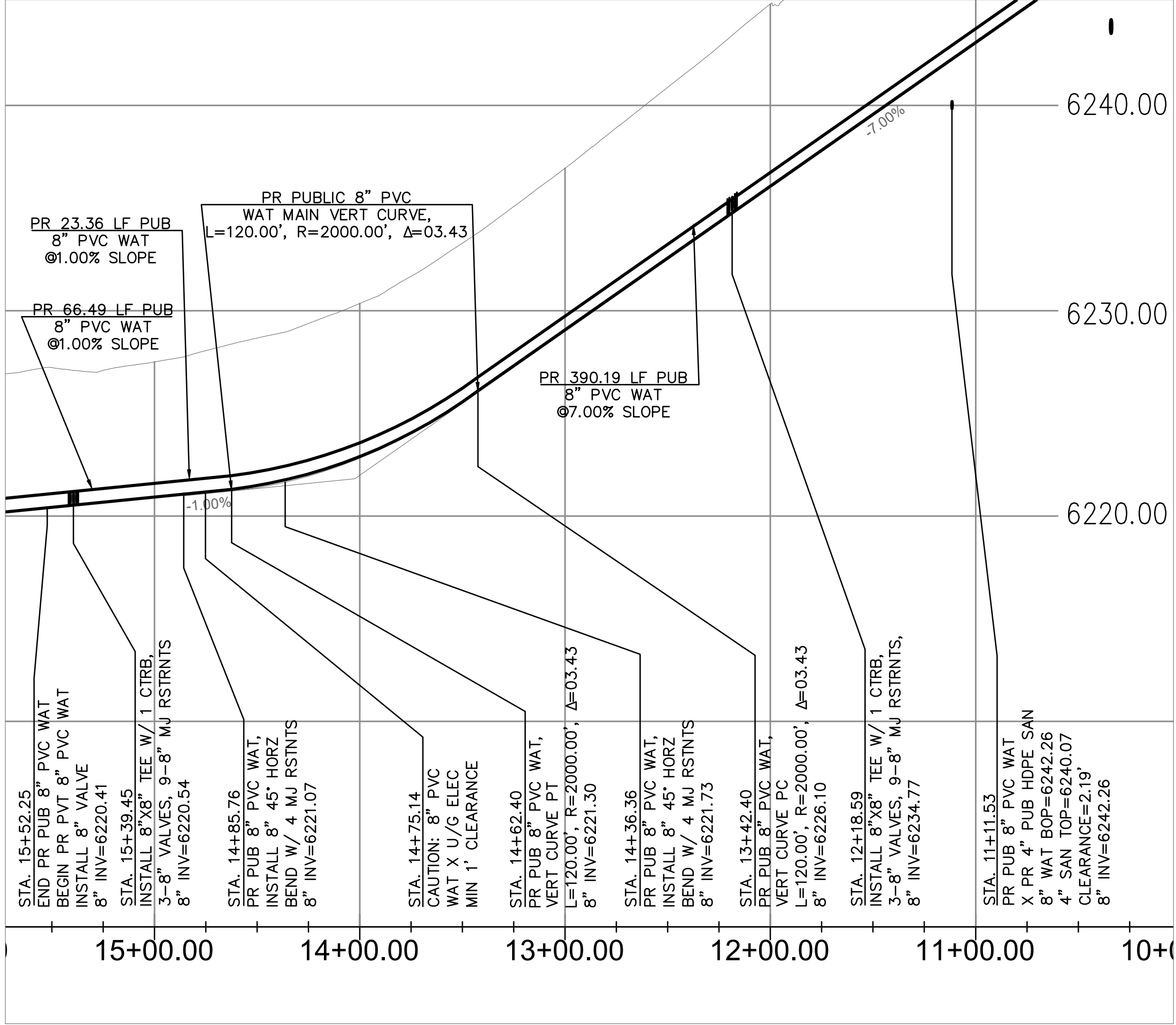


SCALE: 1"=50'



PR WATER MAIN - PROFILE VIEW

HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'



PR WATER MAIN - PROFILE VIEW

HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'

APPROVALS

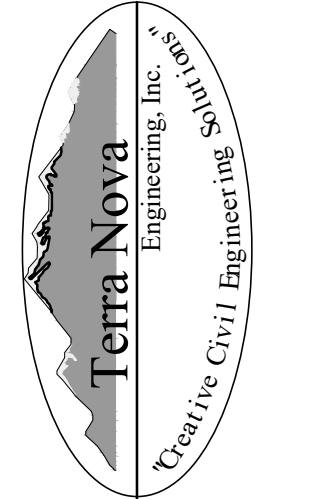
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA ENGINEERING, INC.

DANE FRANK, COLORADO P.E. #50207

DATE

REVISIONS	NO.	DESCRIPTION	DATE
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RMG-ROCKY MOUNTAIN GROUP
ATTN:
5085 LIST DR, #200
COLORADO SPRINGS, CO 80919
719.548.0600



721 S. 23RD STREET
COLORADO SPRINGS, CO 80904
OFFICE: 719-635-6422
FAX: 719-635-6426
www.tnecinc.com

PLATTE SELF STORAGE

WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE

DESIGNED BY DLF	
DRAWN BY DLF	
CHECKED BY LD	
H-SCALE AS SHOWN	
V-SCALE AS SHOWN	
JOB NO. 2419.00	
DATE ISSUED 11/13/24	
SHEET NO. 5 OF 7	

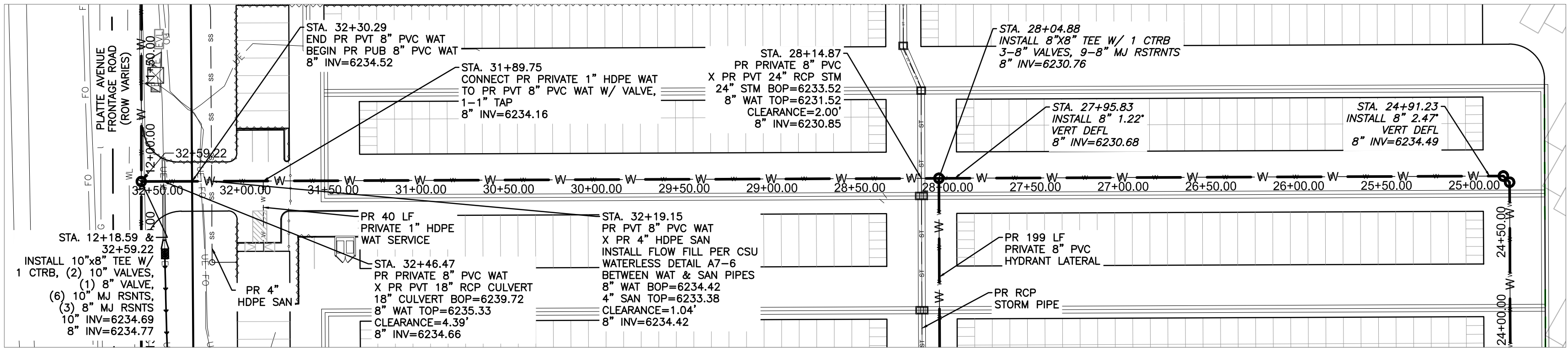
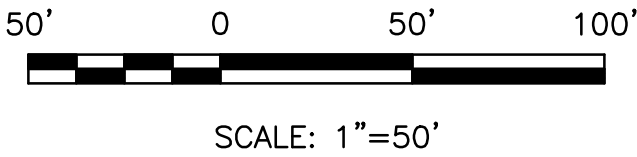
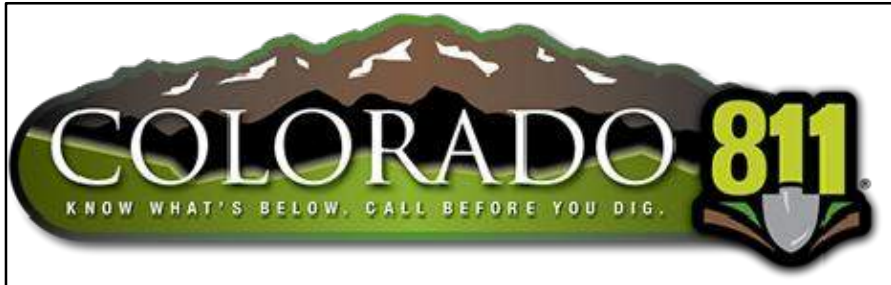
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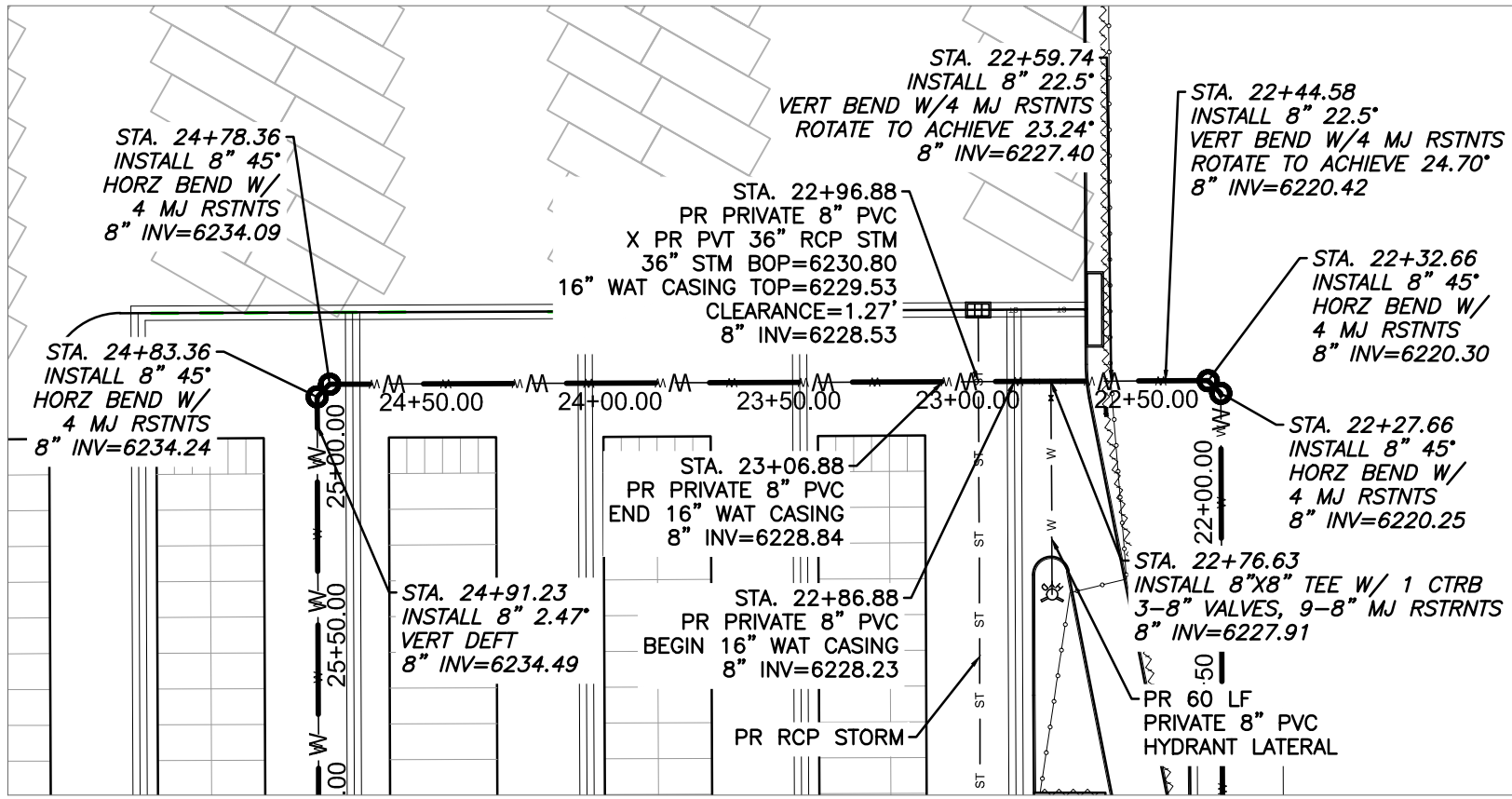
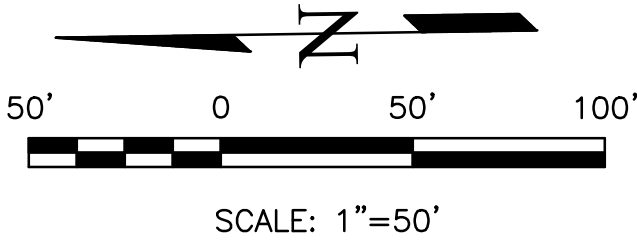
PROPOSED	PR
EXISTING	EX
WATER LINE	— W — W —
SEWER LINE	— SS — SS —
STORM LINE	— ST — ST —
UNDERGROUND ELECTRIC LINE	— UE — UE —
CHAIN LINK FENCE	— □ — □ — □ —
FIRE HYDRANT	— ⦿ —
GAS LINE	— UG — UG —
FIBER OPTIC LINE	— FO — FO —

PLATTE SELF STORAGE
WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE
NOVEMBER 2024

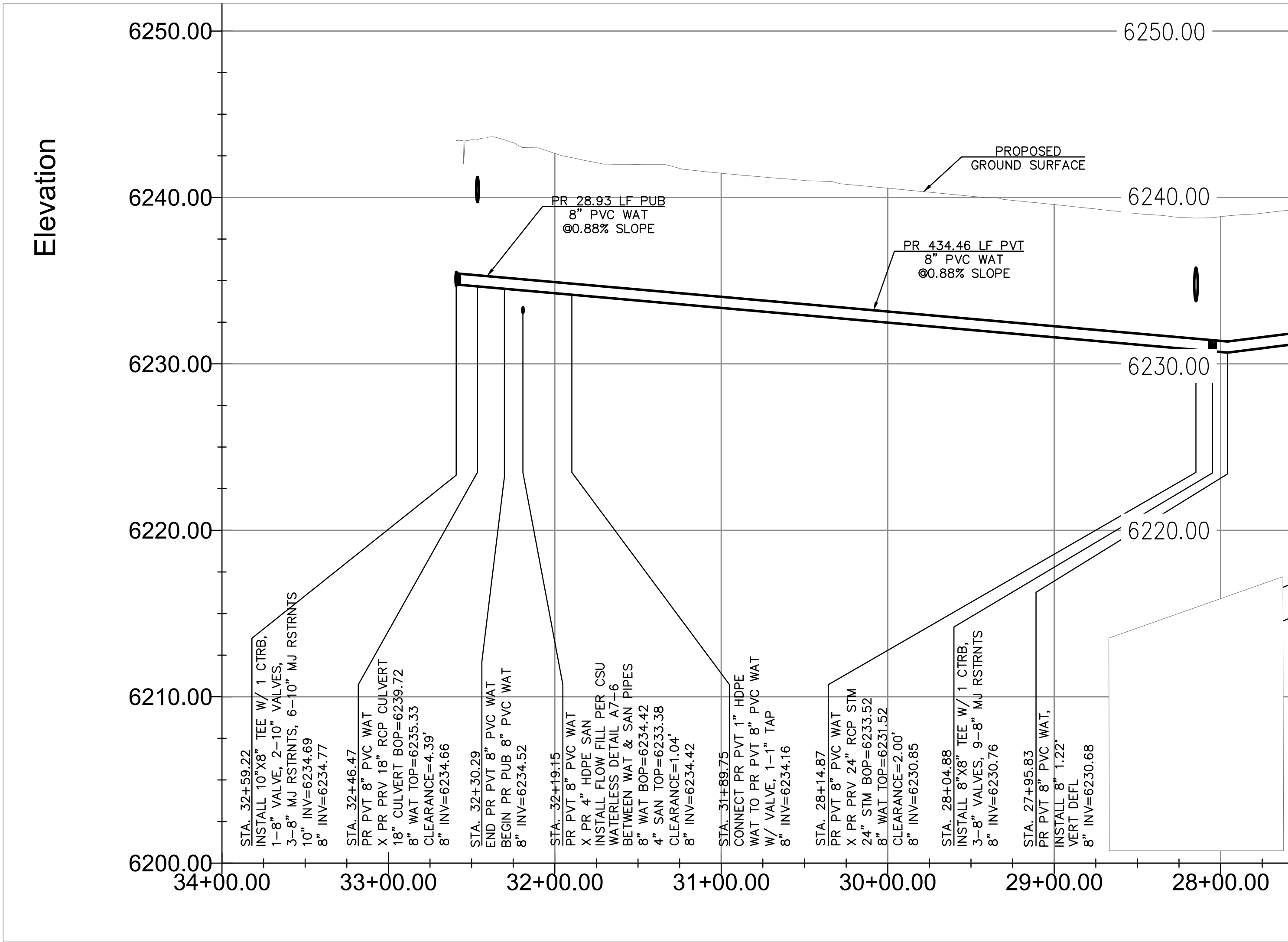
NOTE: ALL EXISTING UNDERGROUND AND ABOVE GROUND UTILITY LOCATIONS, INVERTS AND SIZES ARE APPROXIMATE ONLY AND MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION. TIE IN POINTS SHALL BE POTHOLED AND LOCATIONS, INVERTS AND SIZES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



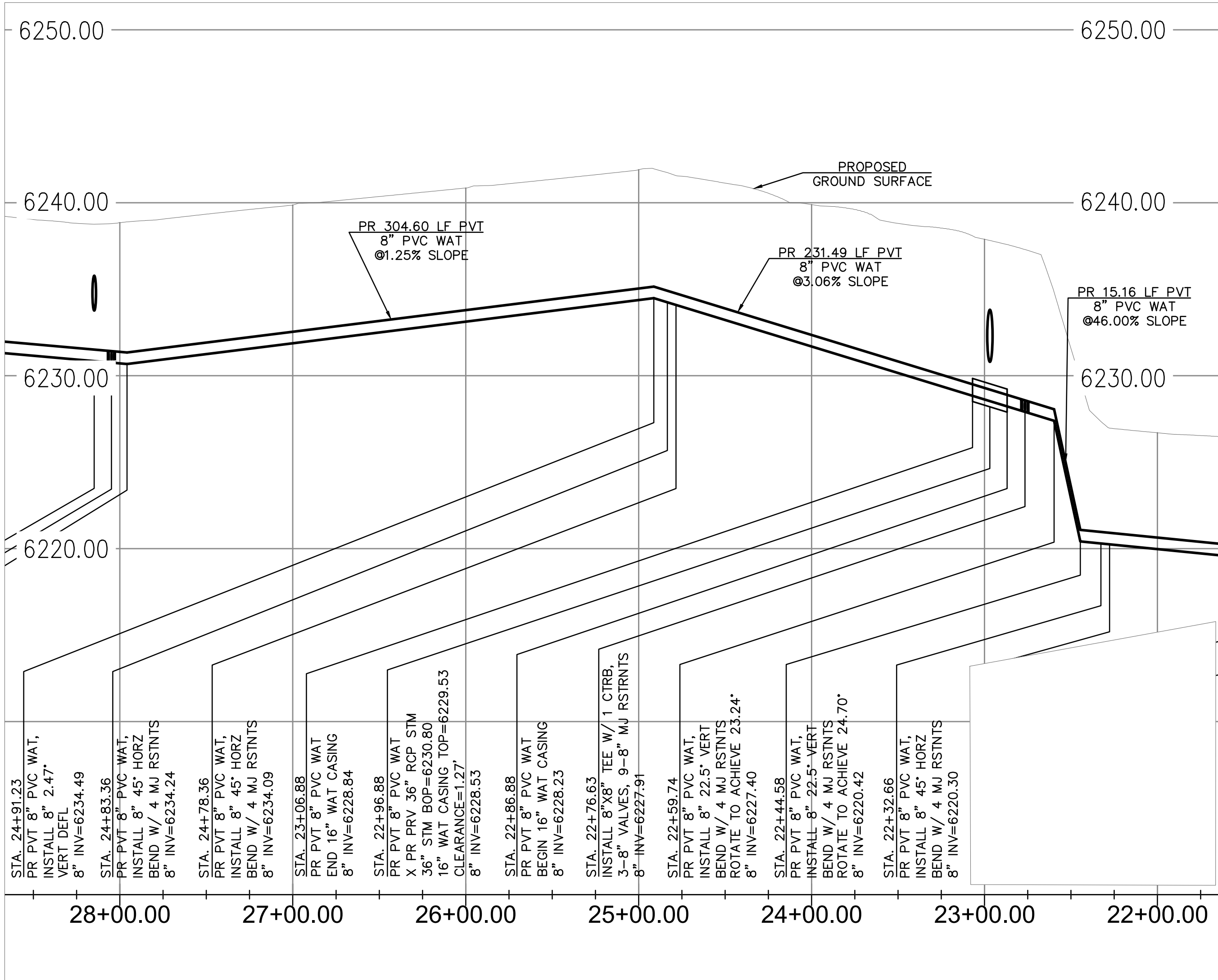
PR WATER MAIN - PLAN VIEW



PR WATER MAIN - PLAN VIEW



PR WATER MAIN - PROFILE VIEW
HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'



PR WATER MAIN - PROFILE VIEW
HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'

APPROVALS

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF TERRA NOVA ENGINEERING, INC.

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Terra Nova
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Civil Engineering
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FAX: 719-635-6426
www.tnainc.com

PLATTE SELF STORAGE
WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE

DESIGNED BY DLF
DRAWN BY DLF
CHECKED BY LD
H-SCALE AS SHOWN
V-SCALE AS SHOWN
JOB NO. 2419.00
DATE ISSUED 11/13/24
SHEET NO. 6 OF 7

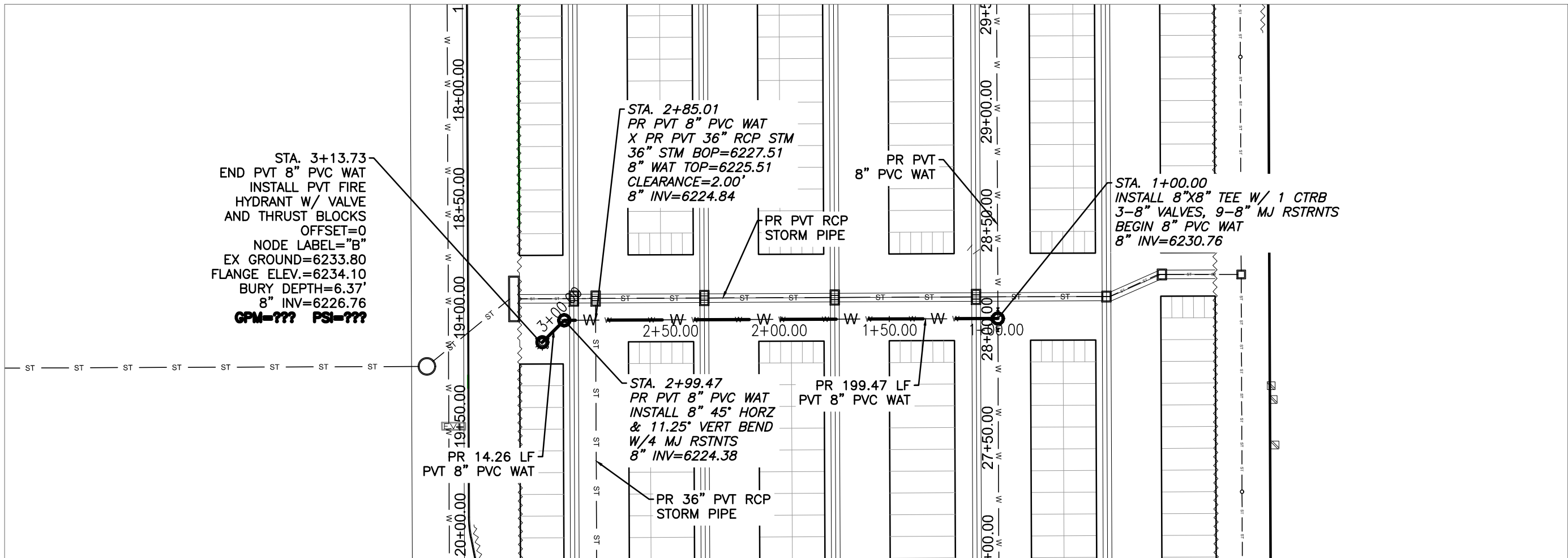
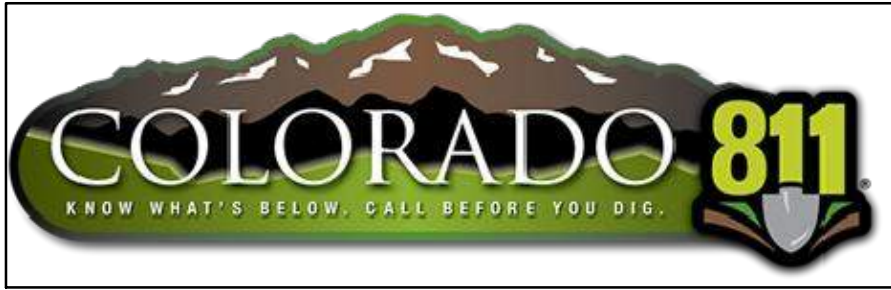
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LEGEND

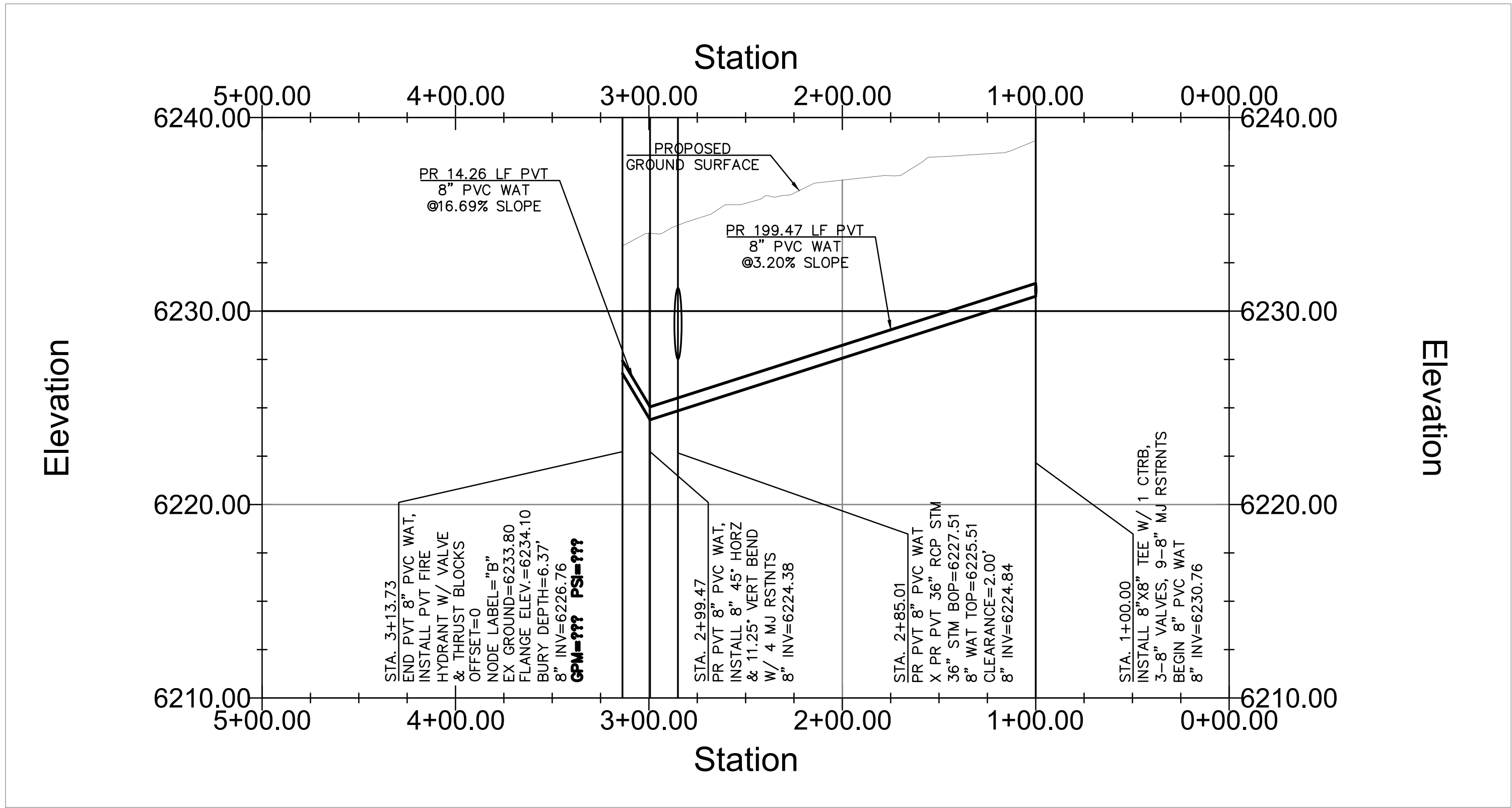
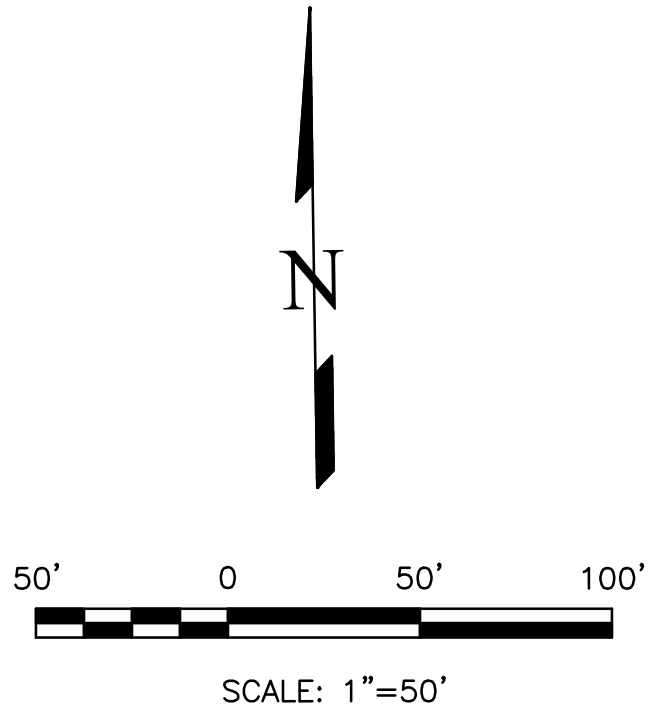
PROPOSED	PR
EXISTING	EX
WATER LINE	— W — W —
SEWER LINE	— SS — SS —
STORM LINE	— ST — ST —
UNDERGROUND ELECTRIC LINE	— UE — UE —
CHAIN LINK FENCE	— □ — □ — □ —
FIRE HYDRANT	— ⦿ —
GAS LINE	— UG —
FIBER OPTIC LINE	— FO — FO —

PLATTE SELF STORAGE
WATER & UTILITY SERVICE PLAN
WATER MAIN PLAN & PROFILE
NOVEMBER 2024

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PR HYDRANT LATERAL – PLAN VIEW



PR HYDRANT LATERAL – PROFILE VIEW
HORZ SCALE 1" = 50'
VERT SCALE 1" = 5'

APPROVALS

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SHEET NO. 7 OF 7