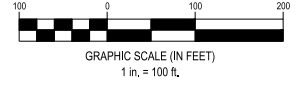
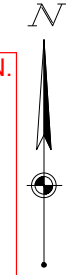


WATER DISTRIBUTION SYSTEM TO SERVE LOVE'S TRAVEL STOP 1504 E 21ST STREET N CITY OF WICHITA, KS 67214

AS-BUILT PLANS

UTILITY CONTRACTOR: McCULLOUGH EXCAVATION.
SUPERINTENDENT: ROB GRAY
CONSTRUCTION STAKING: BAUGHMAN COMPANY.
INSPECTION BY: BAUGHMAN COMPANY.
INSPECTOR: BEAU GIBLER
AS-BUILTS BY: BEAU GIBLER & LARRY POWELL
10-7-2024.
REVISED DATE: 10-8-2024



Start: 6-4-2024
End: 9-23-2024

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAFETY REGULATIONS. ALL CONSTRUCTION SHALL BE COMPLETED FOLLOWING CURRENT CITY STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:

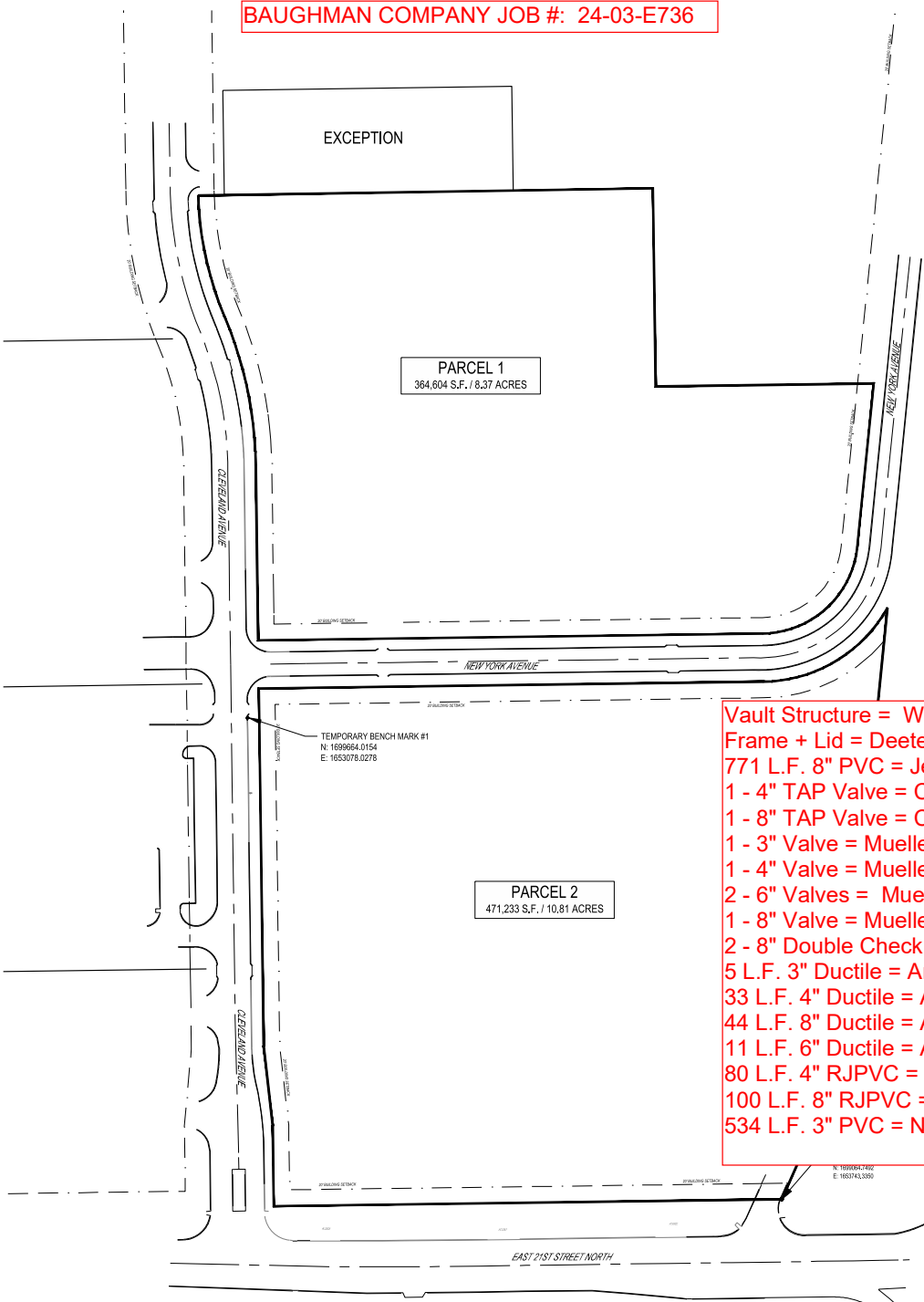
KANSAS ONE-CALL 687-2470

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AT&T 1-800-245-8464
BLACK HILLS ENERGY 1-800-694-8989
CITY OF WICHITA WATER & SEWER 1-316-219-8921
CITY OF WICHITA STORMWATER 1-316-268-4090
CITY OF WICHITA TRAFFIC 1-316-268-4034
COX COMMUNICATIONS 1-888-249-3530
KANSAS GAS SERVICE 1-888-482-4950
ENERGY 1-800-544-4857
3. UTILITY SERVICE LINES, POLES, ETC. ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
4. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS, IN THE OPINION OF THE ENGINEER, THAT WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS. OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
5. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
6. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS NOTICE PRIOR TO START OF CONSTRUCTION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
8. THE ENGINEERING DIVISION SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, VALVE BOXES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE. VALVE BOXES AND WATER METERS WITHIN PROJECT LIMITS SHALL BE ADJUSTED TO MATCH FINAL GRADES BY THE CONTRACTOR.
9. THE CONTRACTOR SHALL NOTIFY THE INSPECTING ENGINEER AND DAWNITA REINHARDT AT 316-268-4574 WITH THE CITY OF WICHITA WITH ANTICIPATED CONSTRUCTION START DATE AND NOTIFY THEM OF THE PROJECT COMPLETION. STAKING AND INSPECTION FOR THIS PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. IF TRAFFIC WILL BE IMPACTED BY CONSTRUCTION, A TRAFFIC CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY TRAFFIC ENGINEER, MIKE ARMOUR AT TRAFFIC@WICHITA.GOV BEFORE CONSTRUCTION CAN BEGIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES TO FACILITATE CONSTRUCTION. ALL CONSTRUCTION ZONE MARKINGS AND SIGNAGE SHALL CONFORM TO THE LATEST VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL (MUTCD) AS PUBLISHED BY THE US DEPT. OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION. ALL COSTS ASSOCIATED WITH CONSTRUCTION MARKINGS AND SIGNAGE SHALL BE THE CONTRACTORS RESPONSIBILITY.
11. ALL ELEVATIONS SHOWN ARE NAVD 88.
12. ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL NOT BE UNDER PROPOSED PAVEMENT SHALL BE RESTORED TO MATCH EXISTING CONDITIONS.
13. ANY SIDEWALK, DRIVE APPROACH, CURB, OR STREET PAVEMENT REMOVED TO CONSTRUCT PROJECT MUST HAVE A PAVEMENT CUT PERMIT AND BE REPLACED BY THE CITY CONTRACTOR. PERMITS CAN BE OBTAINED BY CALLING 316-268-4501 OR 316-268-4480.
14. ALL APPLICABLE FEES (TAP, EQUITY, IN LIEU OF A MAIN BENEFIT) MUST BE PAID BEFORE ANY CONNECTIONS CAN BE MADE ON THE PROJECT. QUOTES CAN BE OBTAINED ON FEES BY CALLING 316-268-4555.
15. CITY MAINTENANCE OF WATER MAIN ENDS AT THE RIGHT-OF-WAY OR EASEMENT LINE OR WITHIN TWO FEET OF VAULT.
16. OPENING AND CLOSING OF WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. THE PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. THE CONTRACTOR WILL BE PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.
17. THE CONTRACTOR SHALL LAY A TRACER WIRE AND SET TEST STATIONS ALONG ALL WATER PIPE INSTALLED IN ACCORDANCE WITH CITY SPECIFICATIONS AND TRACER WIRE DETAIL ON DETAIL SHEET WL-101. COST IS SUBSIDIARY TO PIPE INSTALLATION.
18. THE CONTRACTOR SHALL PROVIDE MATERIALS FOR TEMPORARY BLOWOFF OF WATERLINES. CONNECTIONS TO THE EXISTING WATERLINE(S) SHALL BE MADE WITH CLEAN, SWABBED PIPE AND FLUSHED UPON COMPLETION OF TIE-INS.
19. REQUESTS FOR SHORT TERM WATER INTERRUPTIONS SHALL BE MADE TO THE CITY WATER DISTRIBUTION DIVISION AND WILL BE SUBJECT TO THEIR APPROVAL. THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ANY PROPERTY OWNER, BUSINESS, AND/OR TENANTS THAT WILL HAVE WATER SERVICE INTERRUPTED AT LEAST 5 DAYS IN ADVANCE. SUCH NOTIFICATIONS SHOULD INDICATE THE TIME AND DATE THAT THE WATER WILL BE TURNED OFF AND WHEN THE SERVICE WILL BE RESTORED. NO BUSINESS, PROPERTY OWNER, AND/OR TENANTS SHALL BE WITHOUT WATER SERVICE FOR MORE THAN 8 HOURS. PROPOSED TIE IN LOCATIONS WHICH WILL AFFECT WATER SERVICE TO PROPERTY OWNERS SHALL BE PERFORMED DURING NON-PEAK HOURS.
20. THE CONTRACTOR MUST SCHEDULE THE CONNECTIONS TO THE EXISTING WATER MAIN WITH THE CITY SUCH THAT THERE IS A MINIMUM DISRUPTION OF SERVICE. CONNECTIONS SHALL BE MADE DURING PERIODS OF LOW WATER USAGE. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED SCHEDULE FOR COMPLETING WORK FOR CITY APPROVAL AT LEAST 10 DAYS PRIOR TO BEGINNING CONSTRUCTION.
21. DEFLECTIONS AT PIPE JOINT OR COUPLINGS SHALL NOT EXCEED THE PIPE MANUFACTURERS RECOMMENDED MAXIMUM, WHERE DEFLECTIONS ARE GREATER THAN THE MAXIMUM ALLOWED, THE CONTRACTOR SHALL UTILIZE FITTINGS.
22. ANY EXISTING JOINT EXPOSED DURING EXCAVATION SHALL BE REPLACED WITHIN FOUR FEET OF PROPOSED JOINT.
23. VALVE 12 INCH AND LARGER ARE TO BE OPERATED ON BY THE CITY WATER DISTRIBUTION DIVISION, 48 HOURS OF ADVANCE NOTICE REQUIRED WITH THE WATER DISPATCH AT 316-291-8921.
24. ALL WET TAPS SHALL BE INSTALLED BY THE CITY OF WICHITA. THE CONTRACTOR WILL REIMBURSE THE CITY FOR TAPPING FEES PRIOR TO TAP BEING MADE, UNLESS NOTED ON PLANS.
25. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTORS EXPENSE.
26. CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH OPENINGS OVERNIGHT AND WEEKENDS TO LESS THAN 90 FEET.
27. WICHITA FIRE DEPARTMENT INSPECTIONS MAY BE SCHEDULED BY CALLING 316-268-4574.
28. MAINTAIN A 10-FOOT HORIZONTAL SEPARATION BETWEEN ALL WATER LINES (MAIN, SERVICES, AND FIRE HYDRANTS) AND ALL SANITARY SEWER LINES (MANS, SERVICES, AND MANHOLES). ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE AT THE CLOSEST POINT.
29. MAINTAIN A MINIMUM OF 2-FOOT VERTICAL SEPARATION BETWEEN ALL WATER LINES (MAIN AND SERVICES) AND ALL GRAVITY SANITARY SEWER LINES (MANS, SERVICES, AND MANHOLES) AT CROSSINGS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE, AT THE CLOSEST POINT.
30. MAINTAIN A MINIMUM OF 2-FOOT VERTICAL SEPARATION BETWEEN ALL WATER LINES (MANS AND SERVICES) AND ALL PRESSURIZED SANITARY SEWER LINES (FORCE MANS AND SERVICES) AT CROSSINGS. WATERLINES MUST ALWAYS BE PLACED ABOVE PRESSURIZED SANITARY SEWER LINES WHERE THEY CROSS. ALL SEPARATION DISTANCES ARE TO BE MEASURED FROM EDGE-TO-EDGE AT THE CLOSEST POINT.

PAUL GUNZELMAN, P.E. CITY ENGINEER
2023-023497PPW
(54030980)

BAUGHMAN COMPANY JOB #: 24-03-E736



AS-BUILT SKETCH: LINE 2 = 3-A
AS-BUILT SKETCH: LINE 4 = 4-A
AS-BUILT SKETCH: LINE 5 = 5-A

Vault Structure = Wichita Concrete Pipe
Frame + Lid = Deeter Foundry
771 L.F. 8" PVC = Jetstream
1 - 4" TAP Valve = Clow
1 - 8" TAP Valve = Clow
1 - 3" Valve = Mueller
1 - 4" Valve = Mueller
2 - 6" Valves = Mueller
1 - 8" Valve = Mueller
2 - 8" Double Check Valves = Kennedy
5 L.F. 3" Ductile = American
33 L.F. 4" Ductile = American
44 L.F. 8" Ductile = American
11 L.F. 6" Ductile = American
80 L.F. 4" RJPVC = Certa Lokt
100 L.F. 8" RJPVC = Certa Lokt
534 L.F. 3" PVC = Northern Pipe Company

Sheet List Table

Sheet Number	Sheet Title
1 OF 13	COVER SHEET
2 OF 13	PPW PLAN AND PROFILE
3 OF 13	PPW PLAN AND PROFILE
4 OF 13	PPW PLAN AND PROFILE
5 OF 13	PPW PLAN AND PROFILE
6 OF 13	PPW SWPPP
7 OF 13	PPW SWPPP DETAIL
8 OF 13	PPW SWPPP DETAIL
9A OF 13	PPW SWPPP DETAIL
9B OF 13	PPW SWPPP DETAIL (2)
9C OF 13	PPW SWPPP DETAIL (3)
9D OF 13	PPW SWPPP DETAIL (4)
10 OF 13	PPW DETAIL
11 OF 13	PPW DETAIL
12 OF 13	PPW DETAIL
13 OF 13	PPW DETAIL
14	CONSTRUCTION DETAILS C9.1

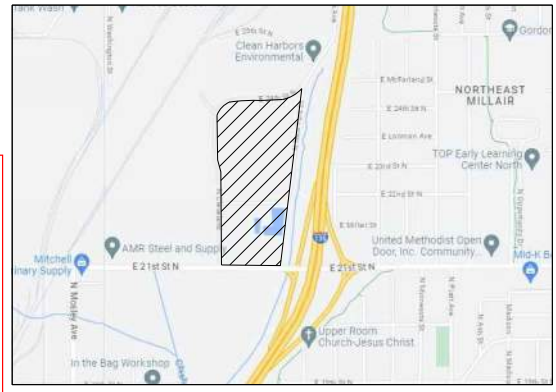
Double Check Detector Valve Assembly:
Leak Detection By-Pass Meter = Badger
By-Pass Meter Serial # = 211688204
Initial By-Pass Meter Reading = 0000.00 Cu.Ft.
ERT Serial # = 77310486

BENCHMARKS

TBM-1:
FOUND CHISELED "X"
ELEV. 1309.84'

TBM-2:
FOUND CHISELED "X"
ELEV. 1312.46'

VERTICAL DATUM: NAVD83



VICINITY MAP
NOT TO SCALE

2023-023497PPW

LOVE'S TRAVEL STOP
WICHITA, KS



REVISED DATE: 05/20/2024

FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE



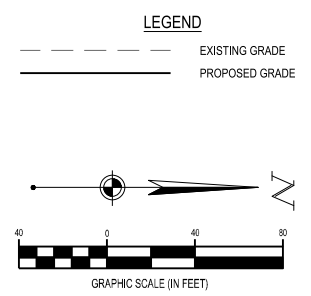
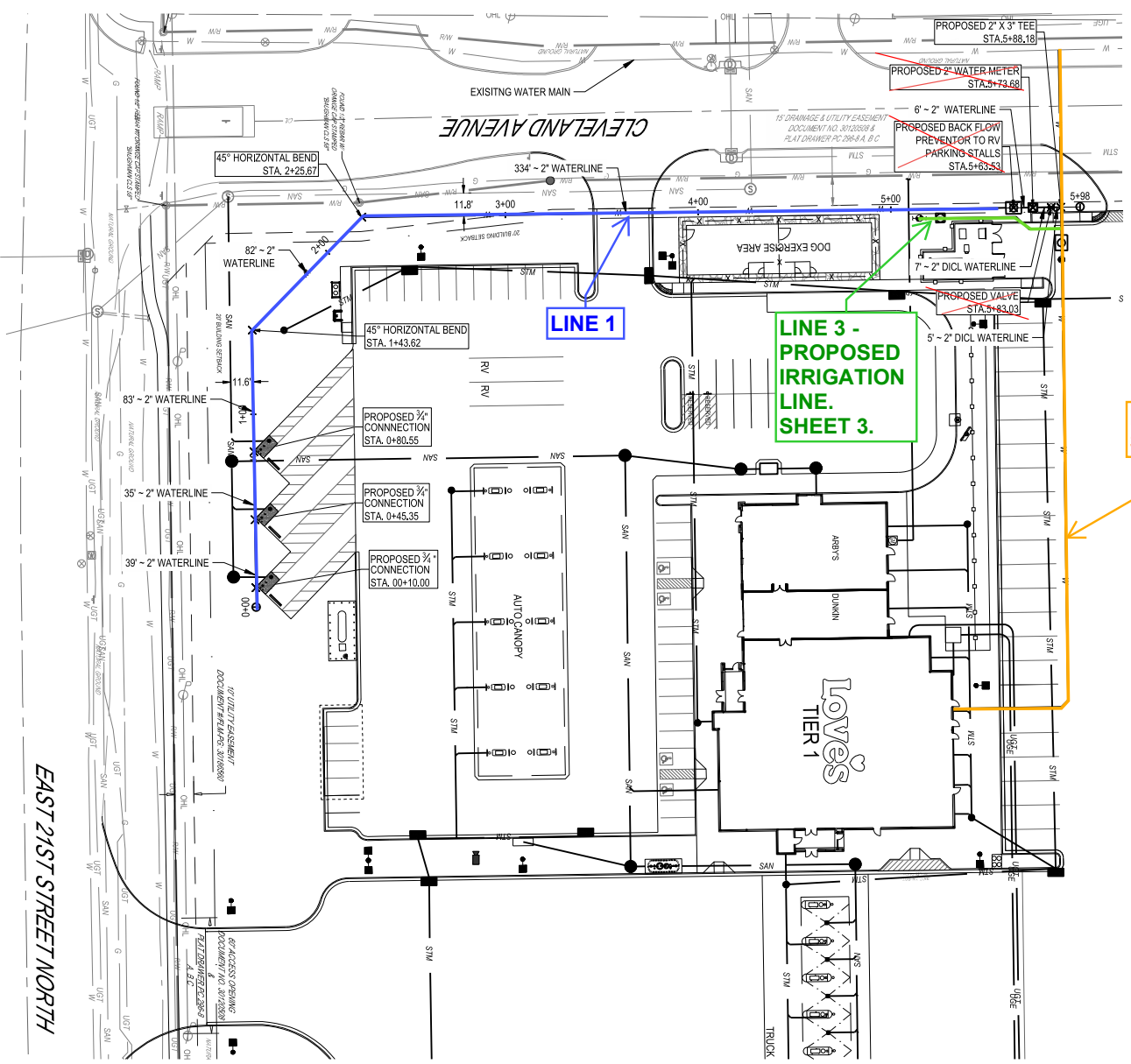
BENCHMARKS

TBM-1:
FOUND CHISELED "X"
ELEV: 1309.84'

TBM-2:
FOUND CHISELED "X"
ELEV: 1312.46'

VERTICAL DATUM: NAD83

CONTACT WATER DISTRIBUTION AT 316-219-8921 FOR 1" AND 2" WATER METER PLACEMENT. SERVICE LINES 2" AND UNDER NOT PART OF THE PPW.



FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE

LINE 2 - SHEET 3

LINE 3 - PROPOSED IRRIGATION LINE. SHEET 3.

LINE 1

**NOTE:
WATER LINES 1, 3 & 6
ARE NOT PART OF THIS
PPW.**

EAST 21ST STREET NORTH

LOVE'S TRAVEL STOP

WICHITA, KS
1504 E 21ST STREET N
WICHITA, KS 67214

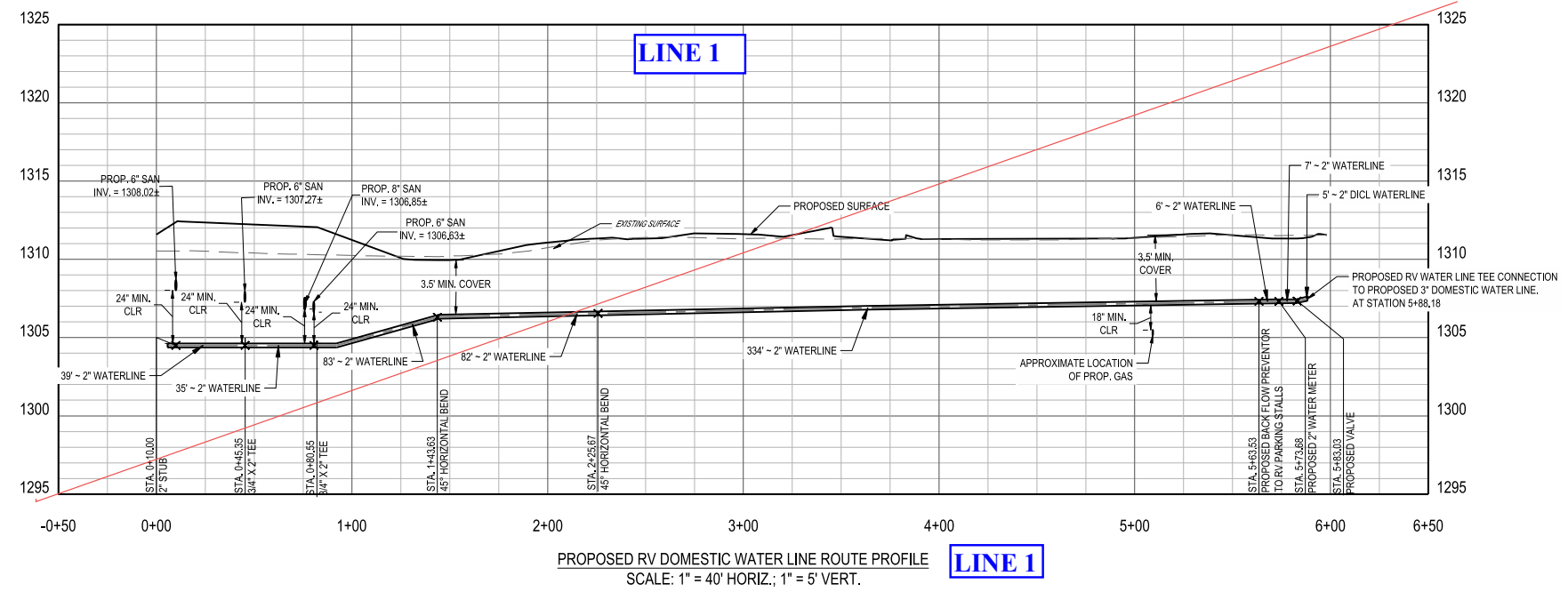
Revisions / Submissions		
ID	Description	Date
1	ADDENDUM 1	11/14/2023
2	ADDENDUM 2	12/19/2023
3	ADDENDUM 3	01/16/2024
7	CC07	04/12/2024

Project Number: 761426
Scale: 40
Drawn By: FAR
Checked By: JMS
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
PPW PLAN AND PROFILE

LINE 1

2 OF 13



PROPOSED RV DOMESTIC WATER LINE ROUTE PROFILE **LINE 1**
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.

BENCHMARKS

TBM-1:
FOUND CHISELED "X"
ELEV: 1309.84'

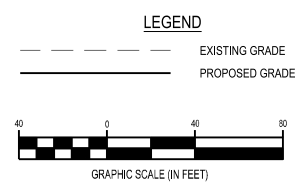
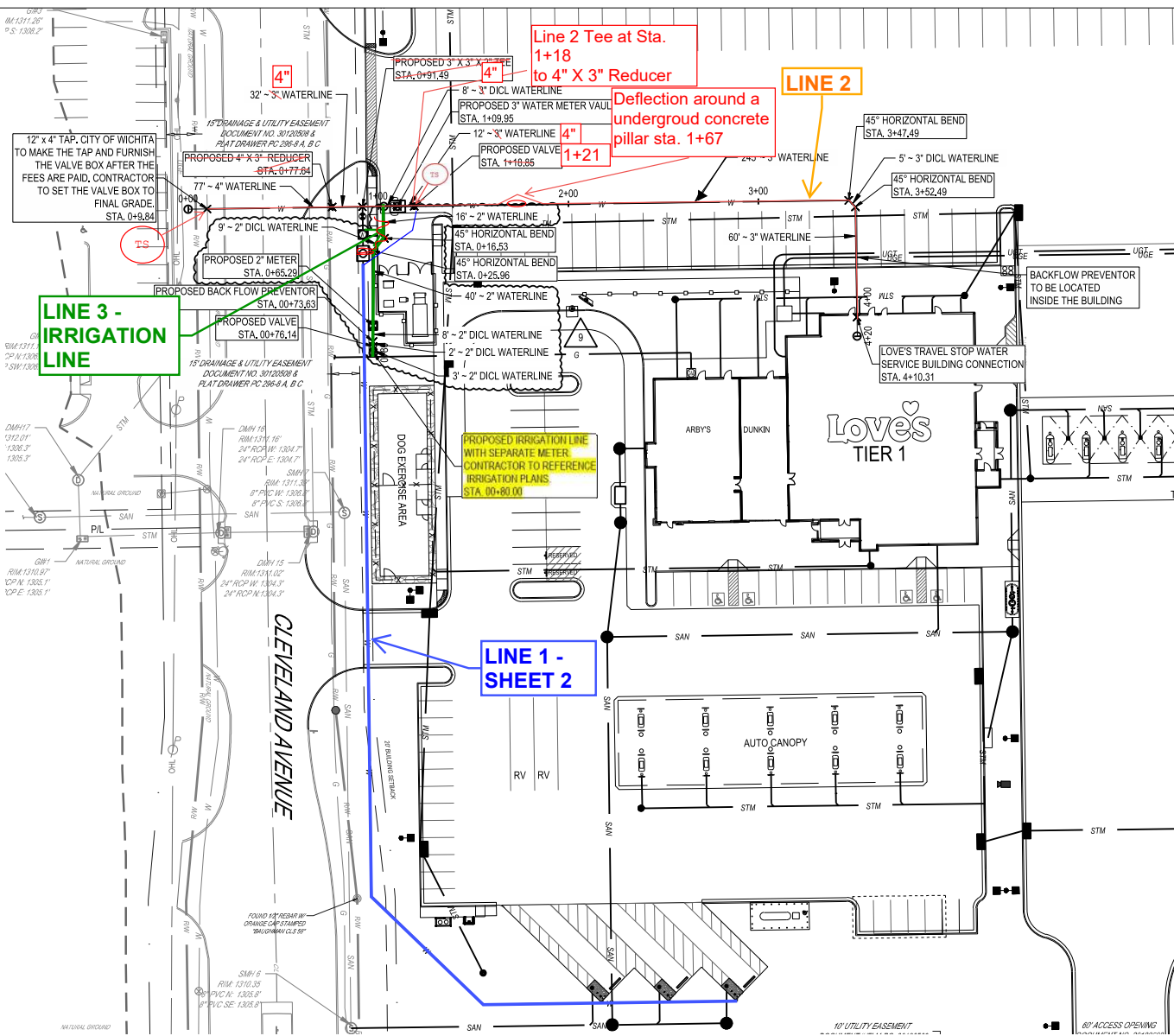
TBM-2:
FOUND CHISELED "X"
ELEV: 1312.46'

VERTICAL DATUM: NADV83

CONTACT WATER DISTRIBUTION AT 316-219-8921 FOR 1" AND 2" WATER METER PLACEMENT. SERVICE LINES 2" AND UNDER NOT PART OF THE PPW.

LEGEND

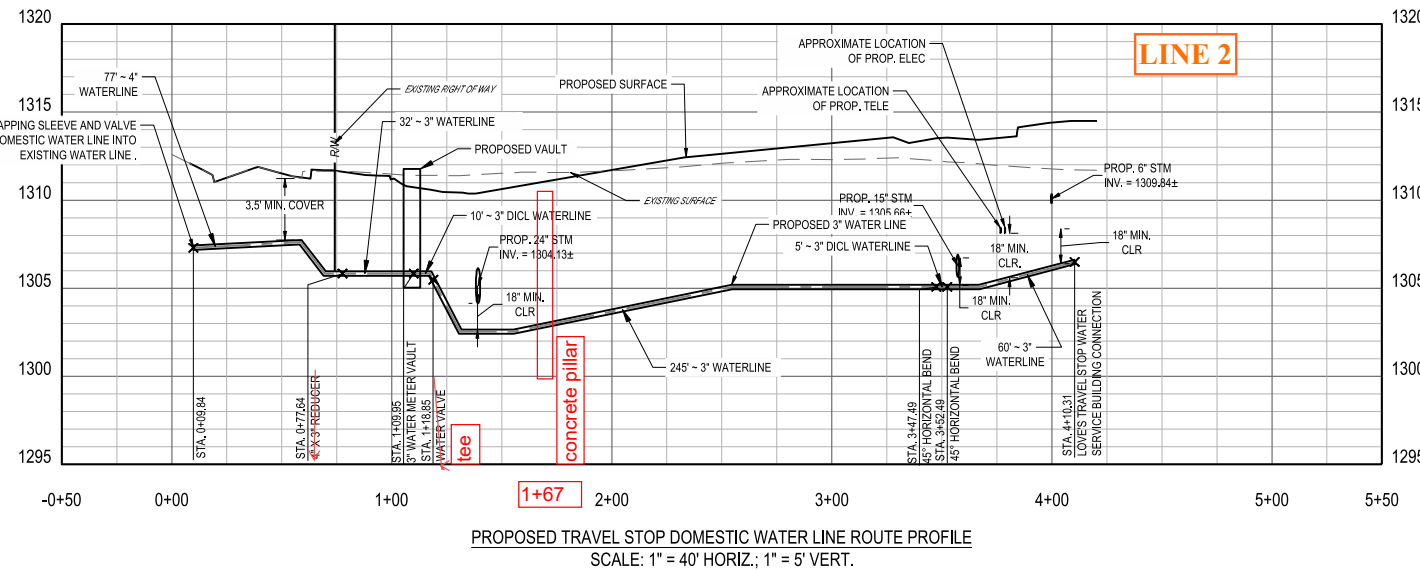
TS = TEST STATION



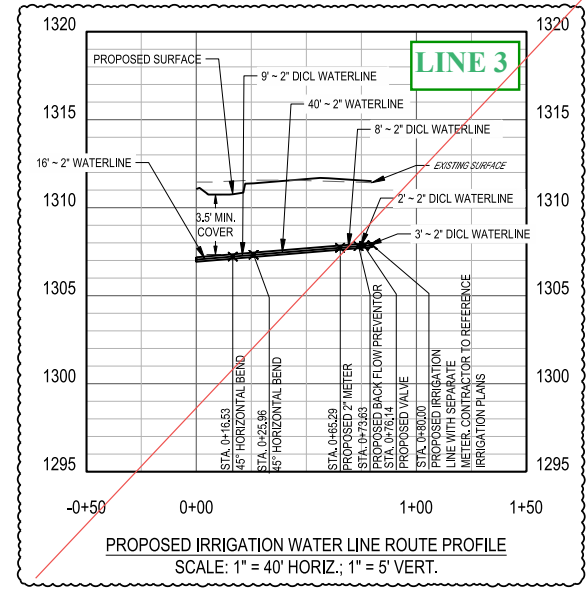
FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE

NOTE:
WATER LINES 1, 3 and 6 ARE NOT PART OF THIS PPW.

NOTE:
FOR AS-BUILT SKETCH OF LINE 2, SEE SHEET 3A.



PROPOSED TRAVEL STOP DOMESTIC WATER LINE ROUTE PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.



PROPOSED IRRIGATION WATER LINE ROUTE PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.

LOVE'S TRAVEL STOP
WICHITA, KS
1604 E 21ST STREET N
WICHITA, KS 67214

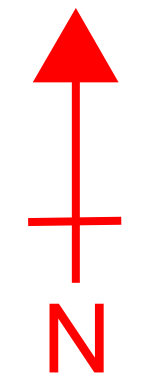
Revisions / Submissions		
ID	Description	Date
2	ADDENDUM 2	12/19/2023
3	ADDENDUM 3	01/16/2024
7	CCD7	04/12/2024
9	CCD9	05/20/2024

Project Number: 761426
Scale: 40
Drawn By: FAR
Checked By: JMS
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
PPW PLAN AND PROFILE
LINES 2 & 3

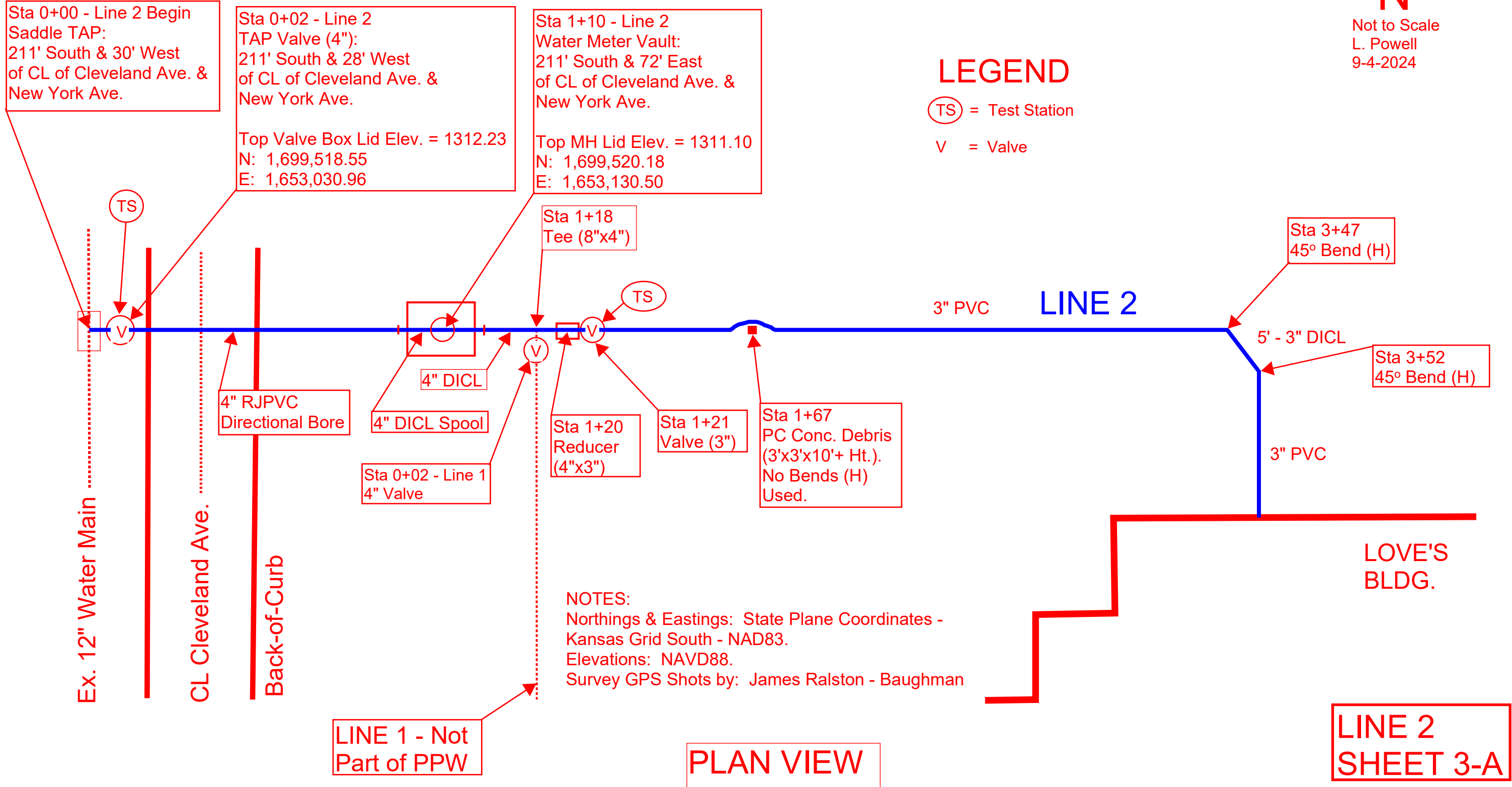
W:\PROJECTS\LOVES\761426 - Wichita, KS\DC-CIVIL\PLAN\PPW\761426_PPW_Plan and Profile.dwg - 5/23/2024 - Francesca Rappasall

AS-BUILT SKETCH of Water Distribution System for LOVE'S TRAVEL STOP
 1504 E. 21st STREET N., WICHITA, KANSAS
 COW Project Number: 2023-023497 PPW



Not to Scale
 L. Powell
 9-4-2024

WATER LINE 2 = Domestic Water to Love's Travel Stop Building.



Sta 0+00 - Line 2 Begin
 Saddle TAP:
 211' South & 30' West
 of CL of Cleveland Ave. &
 New York Ave.

Sta 0+02 - Line 2
 TAP Valve (4"):
 211' South & 28' West
 of CL of Cleveland Ave. &
 New York Ave.

 Top Valve Box Lid Elev. = 1312.23
 N: 1,699,518.55
 E: 1,653,030.96

Sta 1+10 - Line 2
 Water Meter Vault:
 211' South & 72' East
 of CL of Cleveland Ave. &
 New York Ave.

 Top MH Lid Elev. = 1311.10
 N: 1,699,520.18
 E: 1,653,130.50

Sta 1+18
 Tee (8"x4")

Sta 3+47
 45° Bend (H)

Sta 3+52
 45° Bend (H)

Sta 1+67
 PC Conc. Debris
 (3'x3'x10'+ Ht.).
 No Bends (H)
 Used.

Sta 1+20
 Reducer
 (4"x3")

Sta 1+21
 Valve (3")

Sta 0+02 - Line 1
 4" Valve

LINE 1 - Not
 Part of PPW

PLAN VIEW

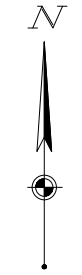
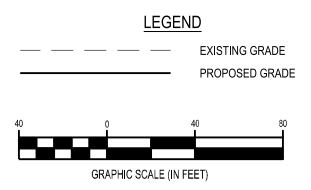
LINE 2
 SHEET 3-A

BENCHMARKS

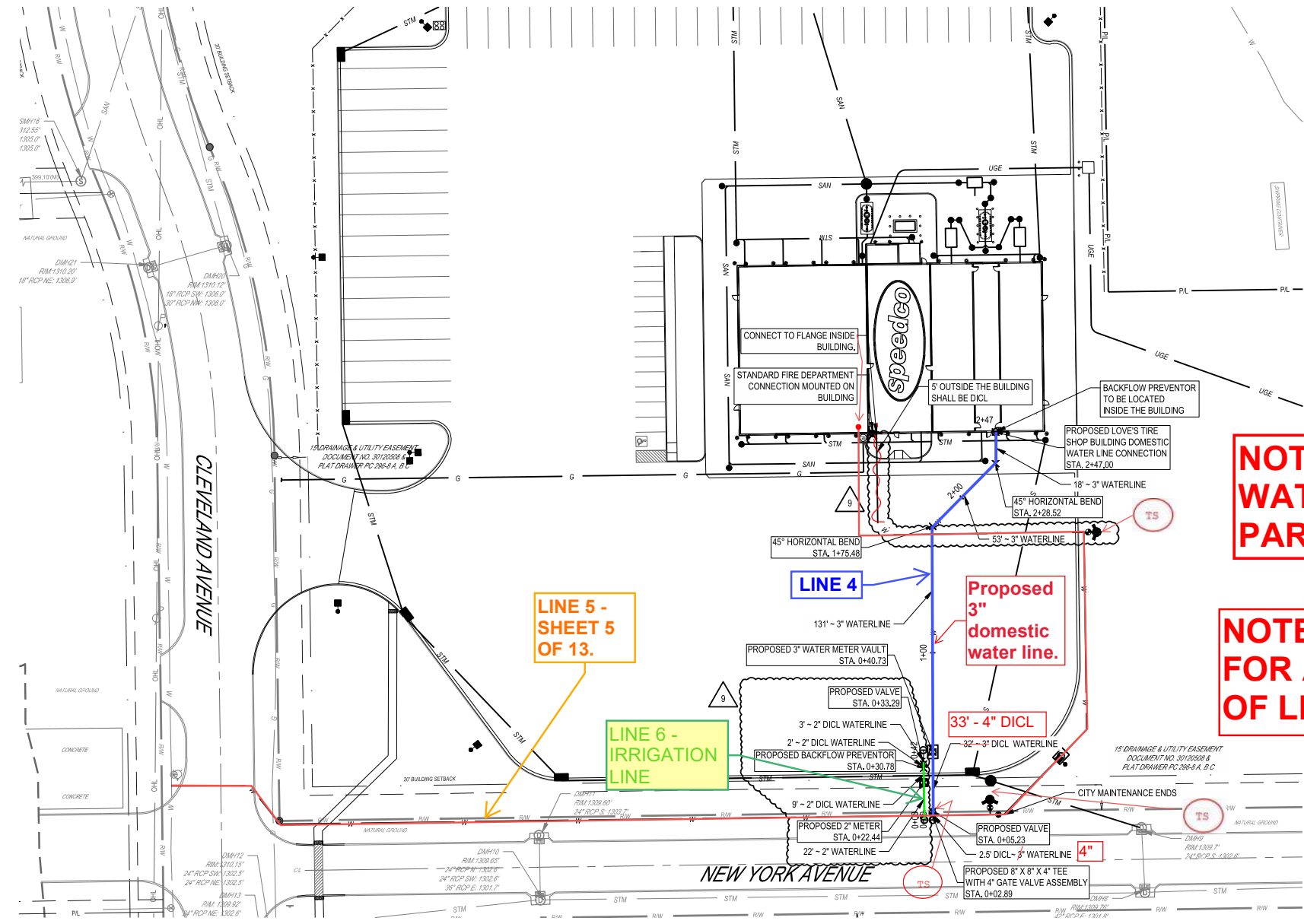
TBM-1:
FOUND CHISELED "X"
ELEV: 1309.84'

TBM-2:
FOUND CHISELED "X"
ELEV: 1312.46'

VERTICAL DATUM: NAD83

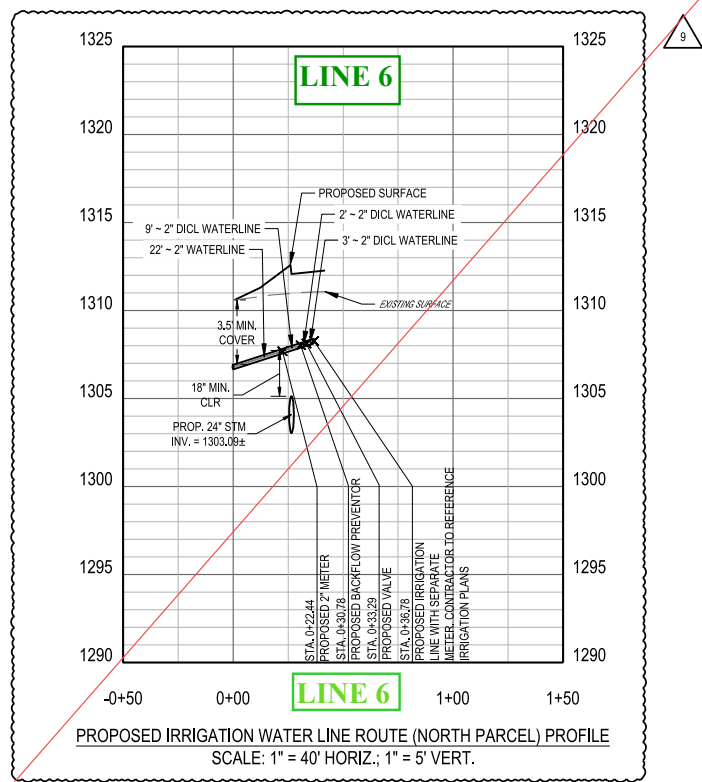
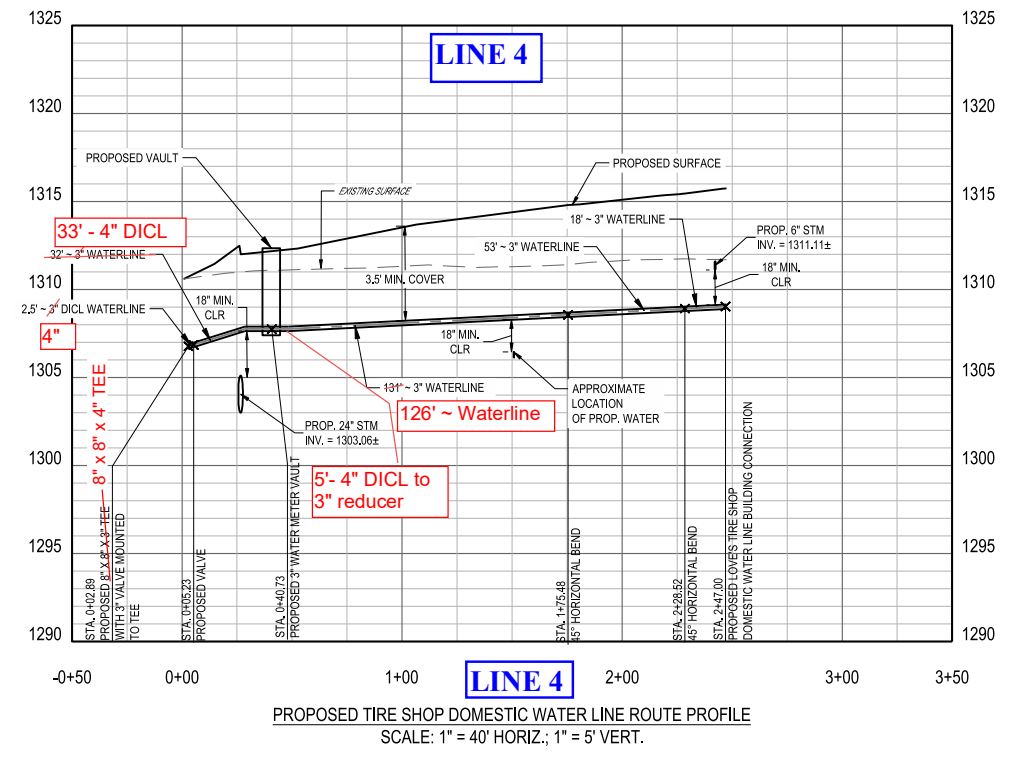


FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE

NOTE:
WATER LINE 6 IS NOT PART OF THIS PPW.

NOTE:
FOR AS-BUILT SKETCH OF LINE 4, SEE SHEET 4A.



LOVE'S TRAVEL STOP
WICHITA, KS
1504 E 21ST STREET N
WICHITA, KS 67214

Revisions / Submissions		
ID	Description	Date
1	ADDENDUM 1	11/14/2023
2	ADDENDUM 2	12/19/2023
3	ADDENDUM 3	01/16/2024
9	CCD9	05/20/2024

Project Number: 761426
Scale: 40
Drawn By: FAR
Checked By: JMS
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
PPW PLAN AND PROFILE

LINES 4 & 6

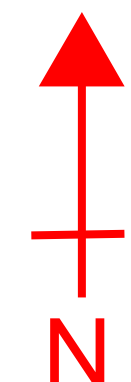
W:\PROJECTS\LOVES\761426 - Wichita, KS\DC-CIVIL\PLAN\PPW\761426_PPW Plans and Profiles.dwg - 5/23/2024 - Francesca Rappaschil

AS-BUILT SKETCH of Water Distribution System for LOVE'S TRAVEL STOP
 1504 E. 21st STREET N., WICHITA, KANSAS
 COW Project Number: 2023-023497 PPW

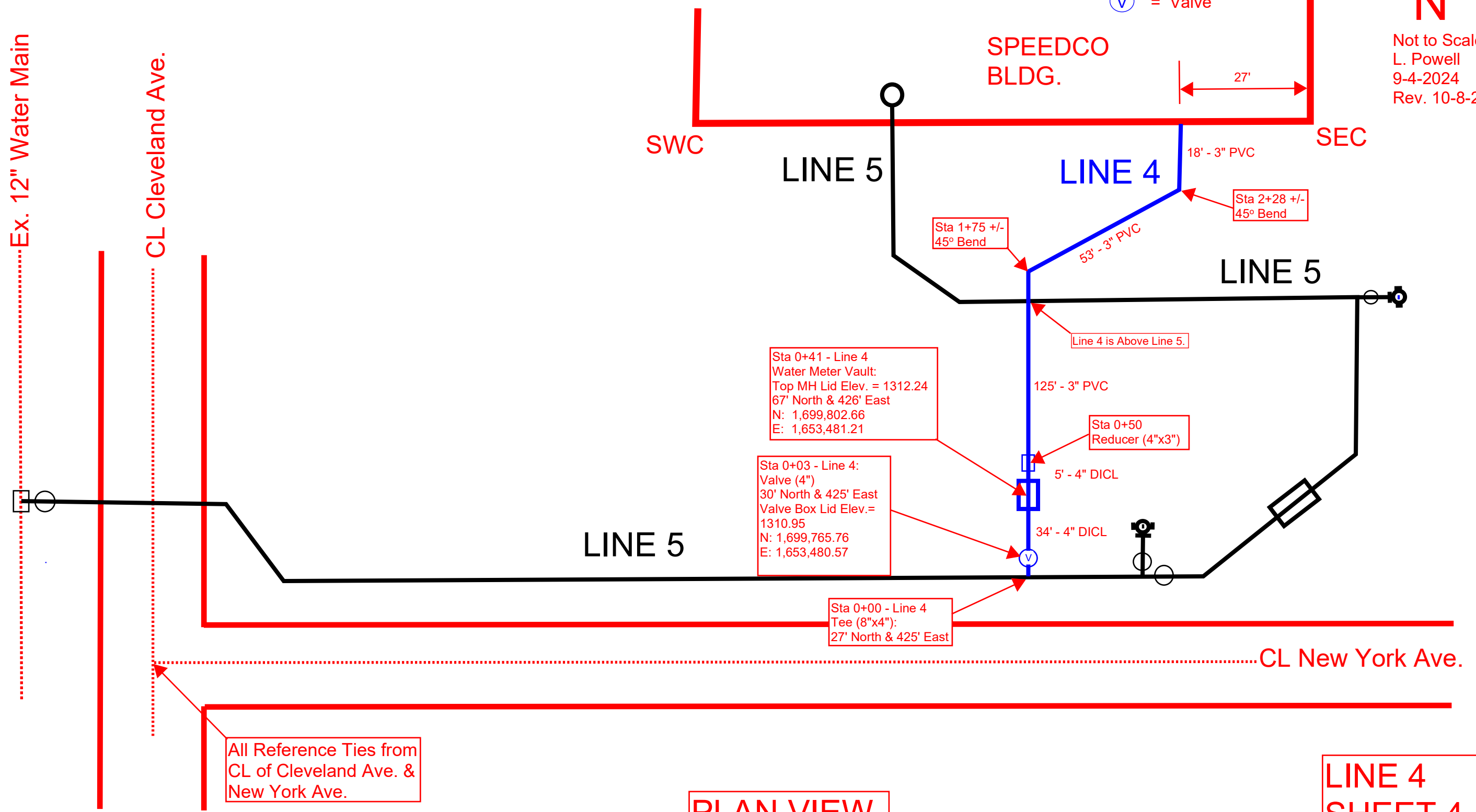
WATER LINE 4 = Domestic Water to SPEEDCO Building.

LEGEND

- TS = Test Station
- V = Valve



Not to Scale
 L. Powell
 9-4-2024
 Rev. 10-8-2024



PLAN VIEW

**LINE 4
 SHEET 4-A**

BENCHMARKS

TBM-1:
FOUND CHISELED "X"
ELEV. 1309.84'

TBM-2:
FOUND CHISELED "X"
ELEV. 1312.46'

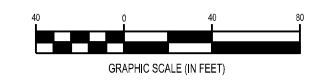
VERTICAL DATUM: NADV83

LEGEND

TS = TEST STATION

LEGEND

--- EXISTING GRADE
— PROPOSED GRADE



3921 Nighy Rd., Suite 300
Mansburg, OH 45342
Phone: 937.435.8584 Fax: 888.208.4626



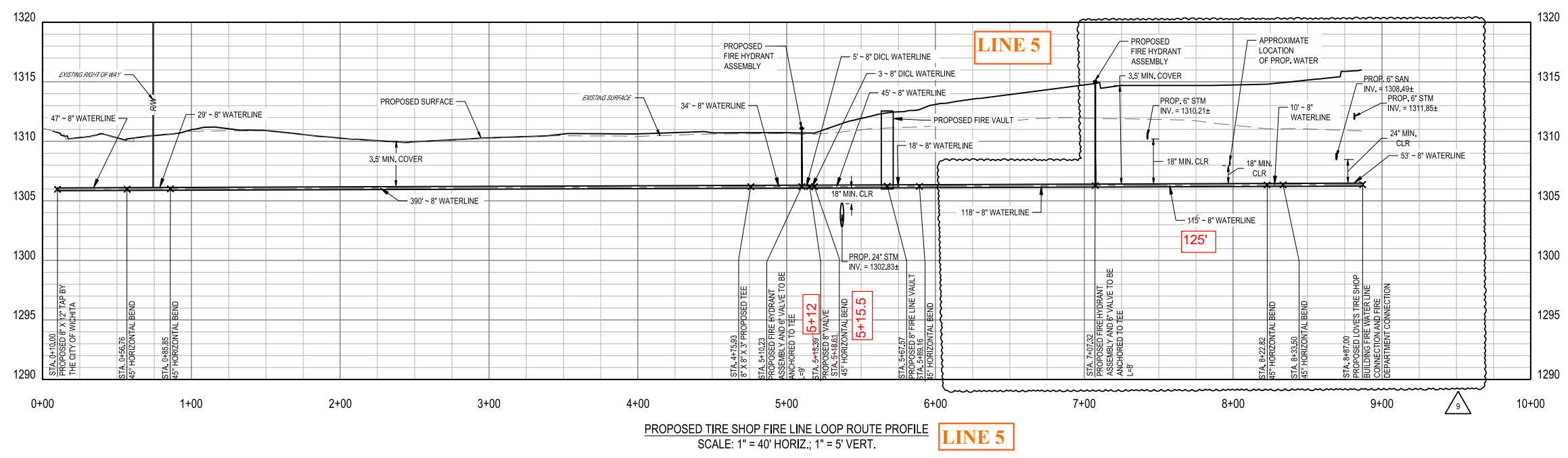
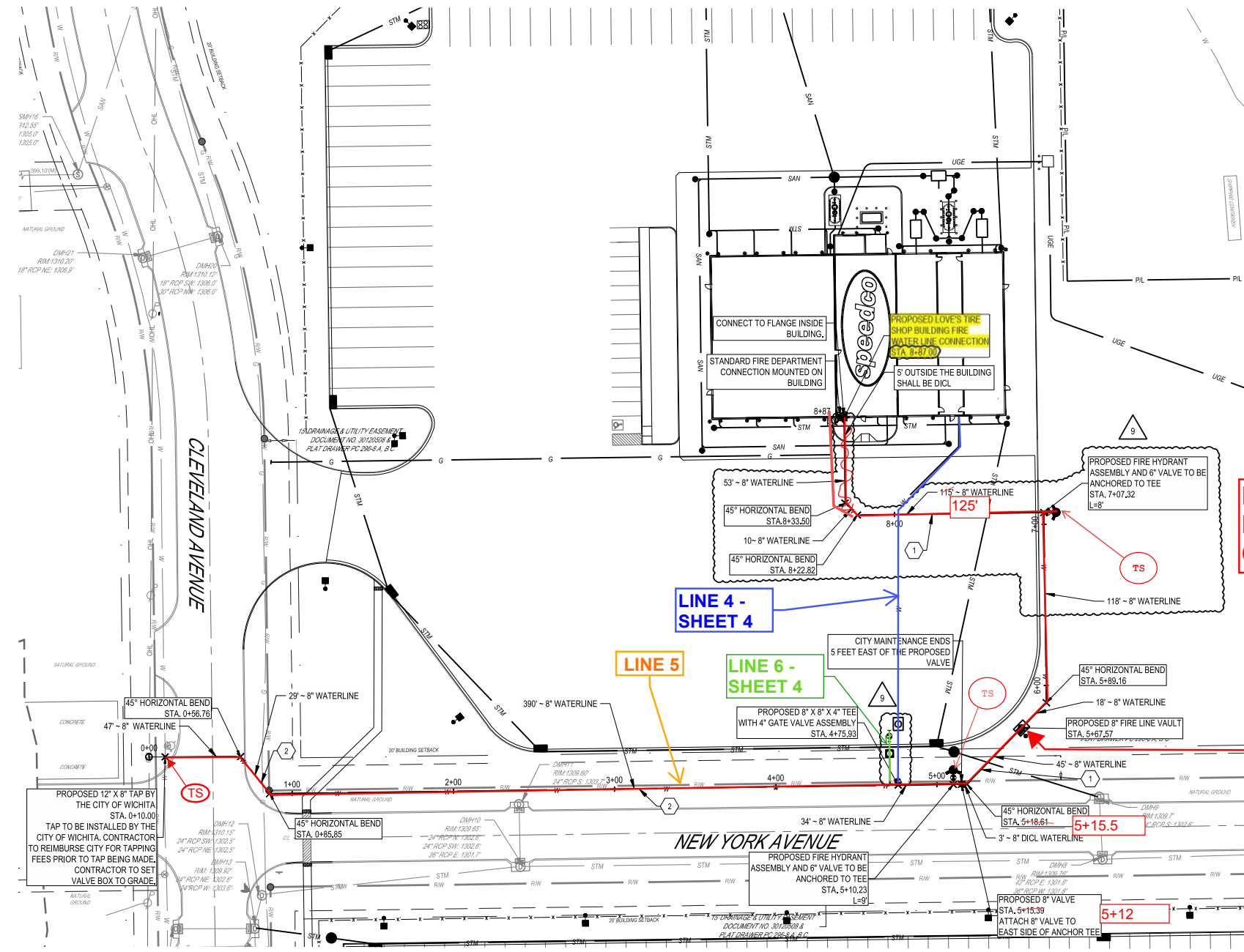
FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE



- CODED NOTES:**
1. PROPOSED PRIVATE WATER LINE.
 2. PROPOSED PUBLIC WATER LINE.

NOTE:
FOR AS-BUILT SKETCH OF LINE 5, SEE SHEET 5A.

NOTE:
WATER LINE 5 IS CLASSIFIED AS A "FIRE SERVICE LINE" FROM STA 5+67.57 TO RISER IN BUILDING.



PROPOSED TIRE SHOP FIRE LINE LOOP ROUTE PROFILE
SCALE: 1" = 40' HORIZ.; 1" = 5' VERT.

LARRY DAVID FRESHER
LICENSED ENGINEER
27948
05/23/2024

LOVE'S TRAVEL STOP

WICHITA, KS
1604 E 21ST STREET N
WICHITA, KS 67214

Revisions / Submissions		
ID	Description	Date
1	ADDENDUM 1	11/14/2023
2	ADDENDUM 2	12/19/2023
3	ADDENDUM 3	01/16/2024
9	CC09	05/20/2024

Project Number: 761426
Scale: 40
Drawn By: FAR
Checked By: JTK
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
PPW PLAN AND PROFILE

LINE 5

W:\PROJECTS\LOVES\761426 - Wichita, KS\DC-CIVIL\PLAN\PPW\761426_PPW Plans and Profiles.dwg - 5/23/2024 - Francesca Rappasell

AS-BUILT SKETCH of Water Distribution System for LOVE'S TRAVEL STOP

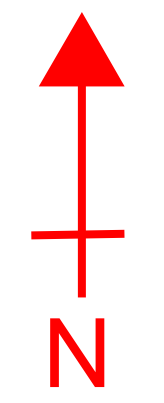
1504 E. 21st STREET N., WICHITA, KANSAS

COW Project Number: 2023-023497 PPW

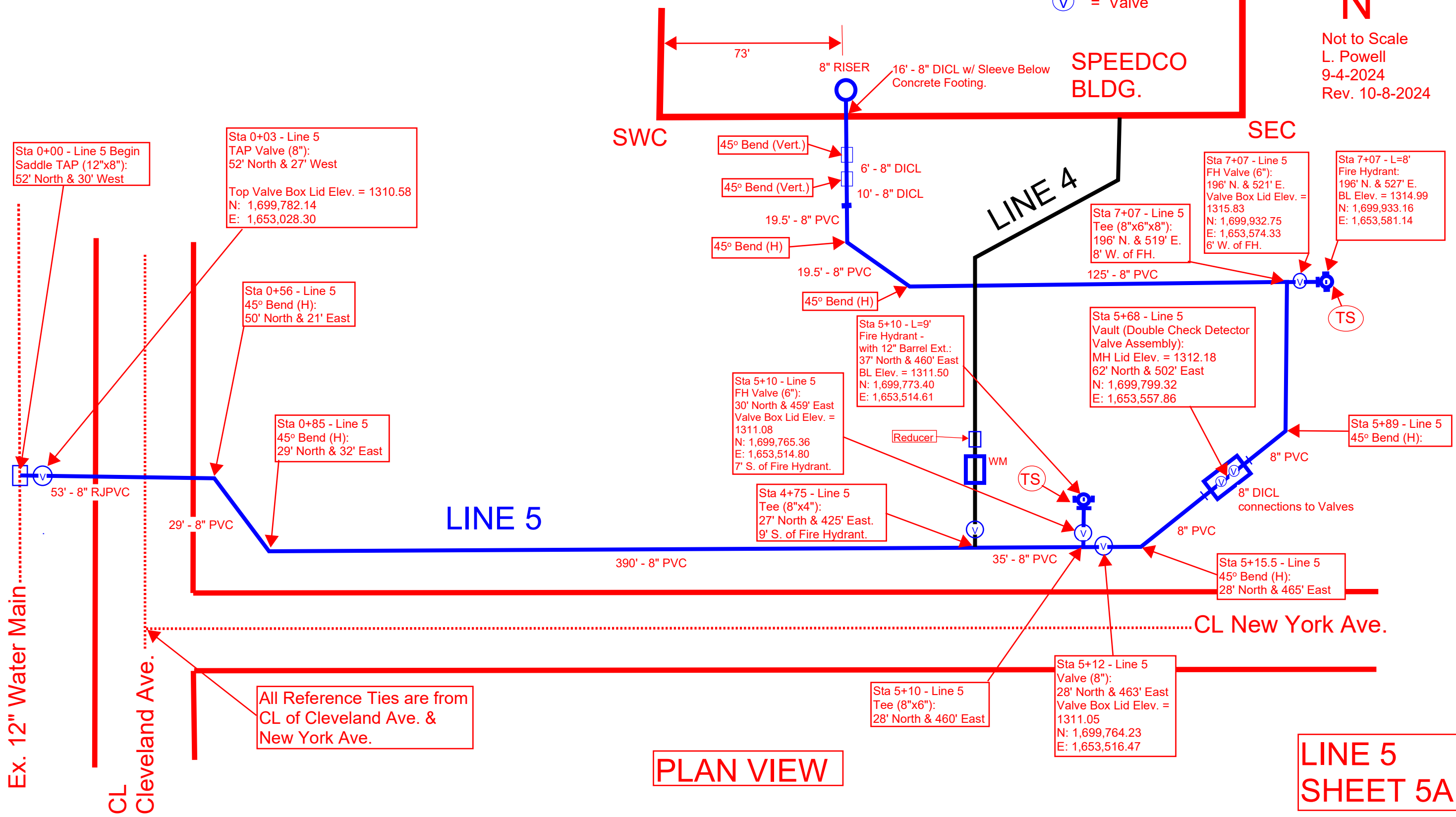
WATER LINE 5 = Fire Service Line to SPEEDCO Building.

LEGEND

- TS = Test Station
- V = Valve



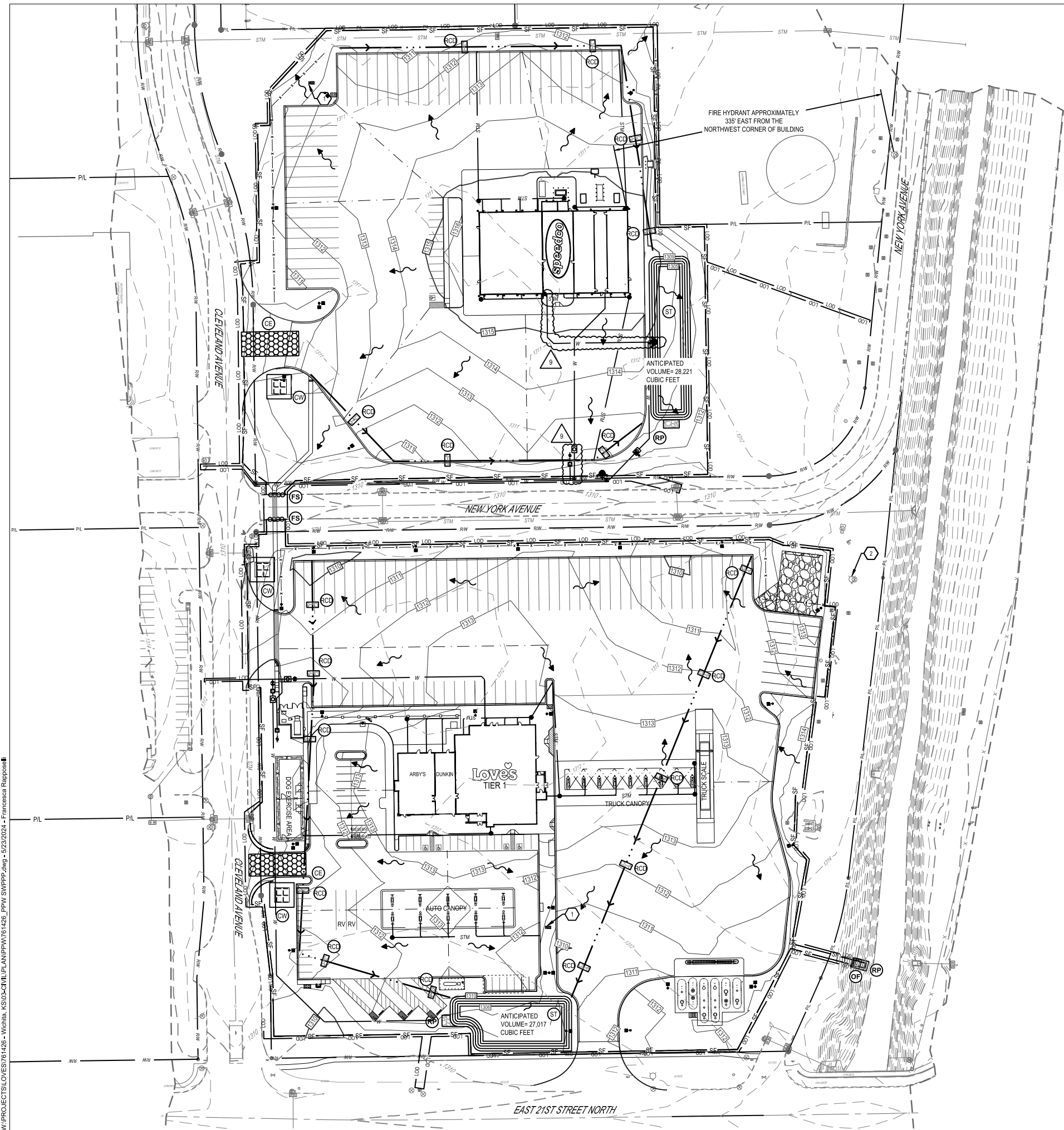
Not to Scale
L. Powell
9-4-2024
Rev. 10-8-2024



PLAN VIEW

LINE 5 SHEET 5A

V:\PROJECTS\LOVES\761426 - Wichita, KS\DC-CV\PL\AN\PPW\761426_PPW_SWPPP.dwg - 5/23/2024 - Francesca Raposo



CODED NOTES:

1. TRUELOOK CAMERA
2. EXISTING FIRE HYDRANT TO BE UTILIZED FOR PARCEL 2

GENERAL NOTES

1. ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE REQUIRED AS IDENTIFIED WITH KSWMP AND LOCAL JURISDICTION INSPECTOR.
2. CONTRACTOR SHALL REVIEW THE COMPLETE DRAWING SET AND NOTIFY THE DESIGN PROFESSIONAL IN WRITING PRIOR TO CONSTRUCTION, IF ANY DISCREPANCIES ARE FOUND WITHIN THE DRAWINGS OR WITH ACTUAL FIELD CONDITIONS.
3. ALL STORMWATER POLLUTION PREVENTION PLANS, NOTES AND DETAILS SHALL COMPLY WITH THE KANSAS STORMWATER MANAGEMENT PROGRAM (KSWMP).
4. CONTRACTOR IS RESPONSIBLE TO MAINTAIN POST-CONSTRUCTION PERMANENT EROSION CONTROL MEASURES UNTIL ADEQUATE RE-VEGETATION AND STABILIZATION ARE ACHIEVED.
5. REMOVE ALL ON SITE FEATURES AS SHOWN ON THE PLAN AND LEGALLY DISPOSE OF OFF SITE.
6. PROTECT EXISTING SITE FEATURES TO REMAIN OUTSIDE CONSTRUCTION LIMITS, REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
7. USE ANY MEANS NECESSARY AND ACCEPTABLE TO THE JURISDICTION TO CONTROL DUST AT THE SITE, PROVIDE STREET CLEANING WHEN NECESSARY OR AS DIRECTED.
8. SILT FENCE SHOWN OFF OF LIMITS OF DISTURBANCE FOR CLARITY PURPOSES ONLY. CONTRACTOR TO ENSURE SILT FENCE IS PLACED AT LIMITS OF DISTURBANCE. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ENGINEER PRIOR TO PLACEMENT OF ANY EROSION CONTROL MEASURES.
9. TRUELOOK SITE CAMERA AND COMPONENTS SHALL BE PROVIDED BY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE, AND REMOVAL AS PER THE TRUELOOK CAMERA INSTALLATION GUIDE. CAMERA TO BE POLE MOUNTED APPROXIMATELY 35' IN THE AIR WITH 6' BURIED, AND SHALL BE PLACED AS SHOWN ON THE PLANS, OR IN A LOCATION THAT OFFERS MAXIMUM SITE VISIBILITY, AND WHICH WILL NOT BE DISTURBED OR MOVED DURING CONSTRUCTION.

SEQUENCE OF CONSTRUCTION - (PHASE ONE)

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

1. ENSURE NOTICE OF INTENT (N.O.I.) IS FILED, KEEP A COPY OF THE PERMIT AND SWPPP ON SITE.
2. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE SWPPP.
3. INSPECTION OF EROSION CONTROL MEASURES AS OUTLINED IN NOTES, REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
4. SITE DEMOLITION AND CLEARING.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.

SEQUENCE OF CONSTRUCTION - (PHASE TWO)

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

1. INSPECTION OF EROSION CONTROL MEASURES INSTALLED UNDER PHASE ONE AS OUTLINED IN NOTES, REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
2. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE SOIL EROSION PLAN FOR PHASE TWO.
3. ROUGH GRADING. PROVIDE SOIL STABILIZATION OF DISTURBED AREAS WHICH ARE INACTIVE. REFER TO NPDES PERMIT REQUIREMENTS AND SWPPP DETAILS FOR ADDITIONAL INFORMATION.
4. STORM SEWER SYSTEM AND UNDERGROUND UTILITY CONSTRUCTION. INSTALL INLET PROTECTION CONCURRENT WITH CONSTRUCTION OF PROPOSED STORM SEWER STRUCTURES.
5. BUILDING PAD CONSTRUCTION.
6. CURB CONSTRUCTION.
7. FINE GRADING AND PAVEMENT SUBGRADE PREPARATION.
8. ASPHALT PAVING AND REMAINING CONCRETE FLATWORK.
9. PREPARATION OF LANDSCAPED AREAS TO FINISHED GRADE.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION.

FORTY-EIGHT (48) HOURS BEFORE DIGGING IS TO COMMENCE, THE CONTRACTORS SHALL NOTIFY THE FOLLOWING AGENCIES: KANSAS UTILITIES PROTECTION SERVICE AT 811 OR 800-344-7233 AND ALL OTHER AGENCIES WHICH MIGHT HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NONMEMBERS OF STATE UTILITIES PROTECTION SERVICE



LEGEND

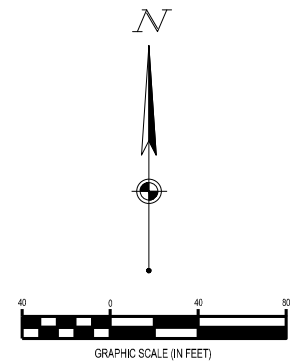
- EXISTING
REFER TO ALTA/SPS TOPOGRAPHIC SURVEY
- PROPOSED
- 1310 MAJOR CONTOUR
 - 1311 MINOR CONTOUR
 - BUILDING
 - CONCRETE CURB AND GUTTER
 - PAVEMENT
 - STM STORM SEWER
 - SF SILT FENCE
 - — RIDGE LINE
 - LOD GRADING/SEEDING LIMITS (L.O.D. - LIMITS OF DISTURBANCE)
 - FLOW ARROW
 - TRUELOOK CAMERA
 - TEMPORARY DIVERSION CHANNEL
 - CE STABILIZED CONSTRUCTION ENTRANCE
 - CW CONCRETE WASHOUT
 - RP RIPRAP STORM SEWER OUTLET/SLOPE PROTECTION
 - OF STORMWATER OUTFALL POINT
 - FS FILTER SOCK
 - ST TEMPORARY SEDIMENT TRAP
 - RCD ROCK CHECK DAM

SEQUENCE OF CONSTRUCTION - (PHASE THREE)

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT.

1. INSPECTION OF EROSION CONTROL MEASURES INSTALLED UNDER PHASE ONE AND TWO AS OUTLINED IN NOTES, REPAIRS AND/OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
2. INSTALL ALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE SOIL EROSION PLAN FOR PHASE TWO.
3. COMPLETE FINE GRADING AND PREPARATION OF LANDSCAPED AREAS TO FINISHED GRADE.
4. PERMANENT BMP'S.
5. FINAL STABILIZATION AND PERMANENT SEEDING. REFER TO THE NPDES REQUIREMENTS FOR ADDITIONAL INFORMATION. REFER TO LANDSCAPE PLAN FOR SOD LIMITS AND PLANTING AREAS.
6. REMOVE SOIL EROSION CONTROL MEASURES AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED. ENSURE NOTICE OF COMPLETION (N.O.C.) IS FILED.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED DURING CONSTRUCTION. CONTRACTOR IS ALSO RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED.



LOVE'S TRAVEL STOP

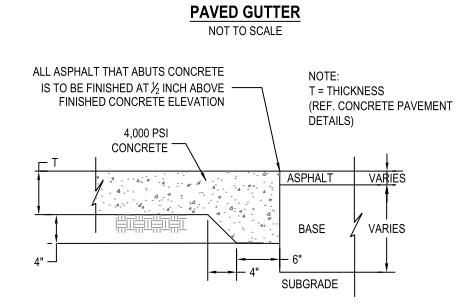
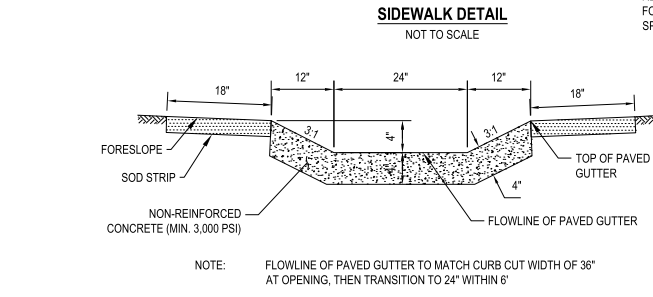
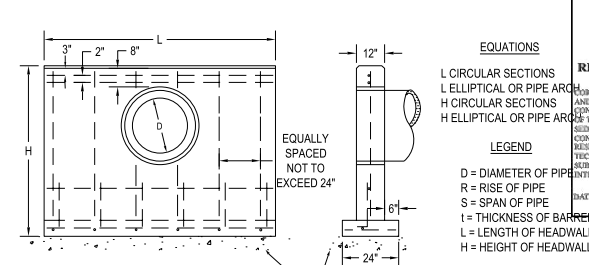
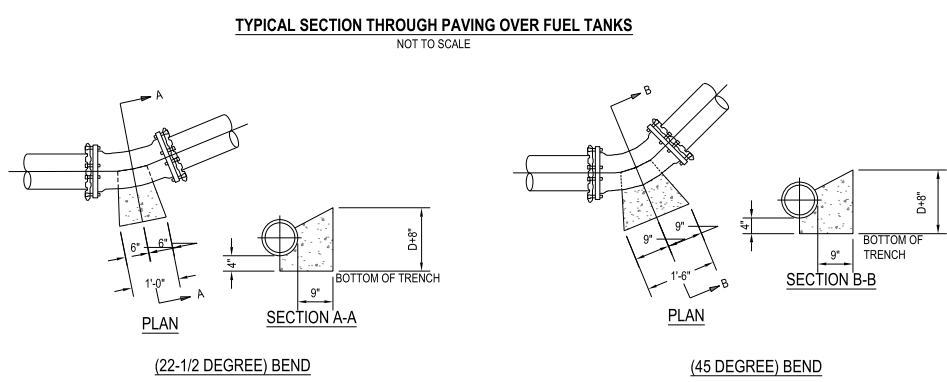
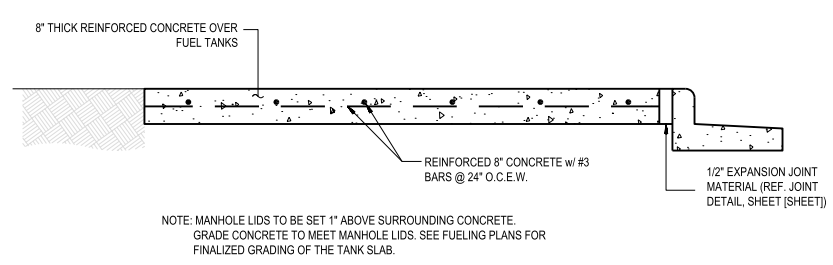
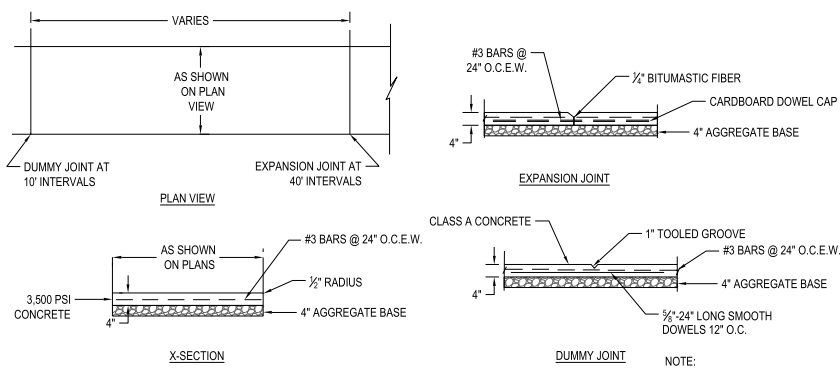
WICHITA, KS
1504 E 21ST STREET N
WICHITA, KS 67214

ID	Description	Date
1	ADDENDUM 1	11/14/2023
2	ADDENDUM 2	12/19/2023
3	ADDENDUM 3	01/16/2024
9	CCD9	05/20/2024

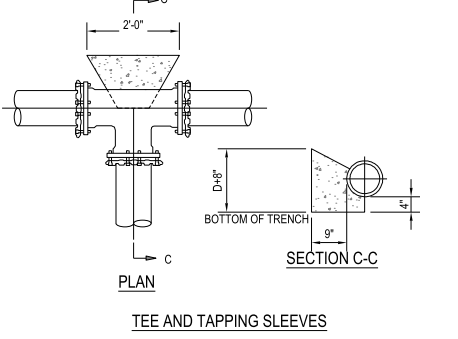
© 2022 CESO, INC.
Project Number: 761426
Scale: 40
Drawn By: FAR
Checked By: JMS
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
PPW SWPPP

6 OF 13

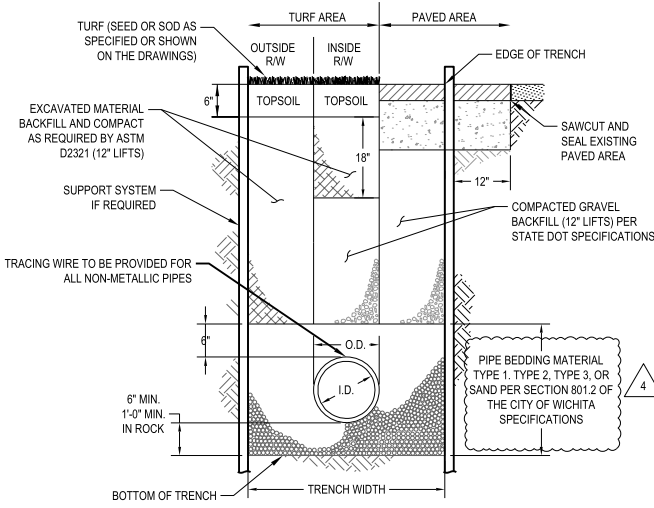
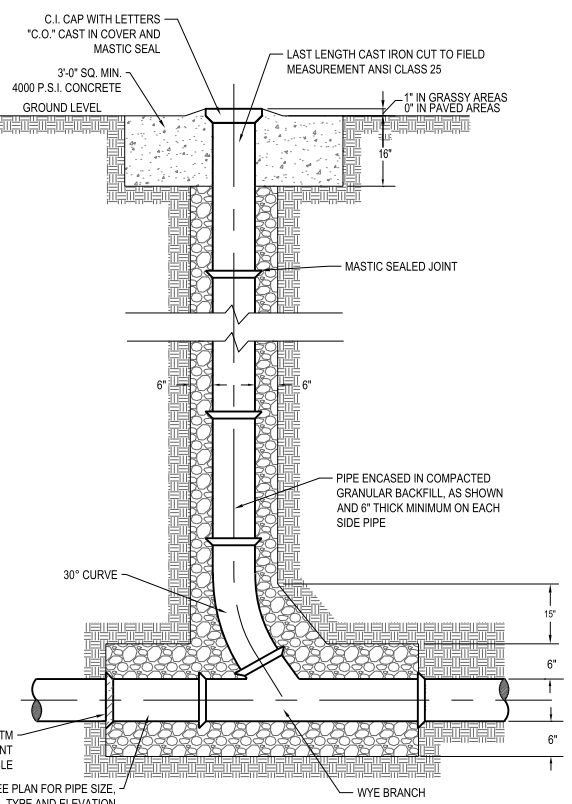
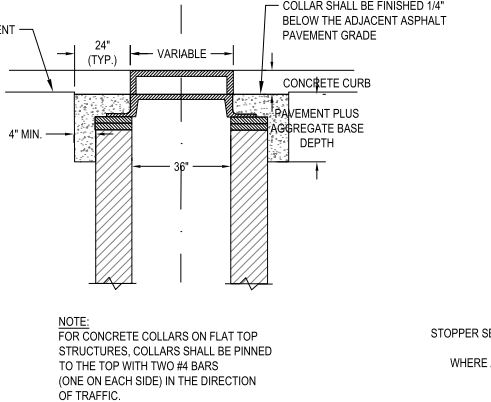
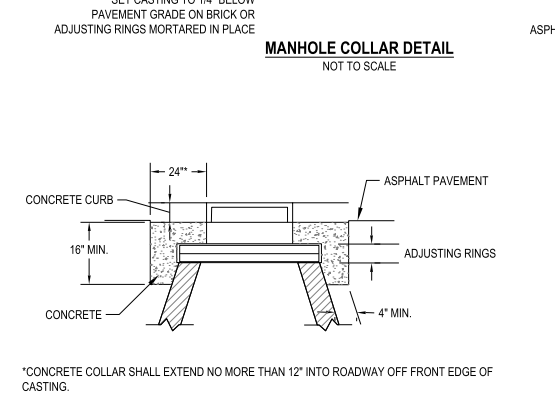
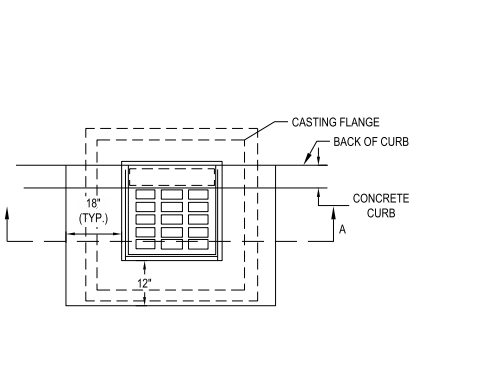
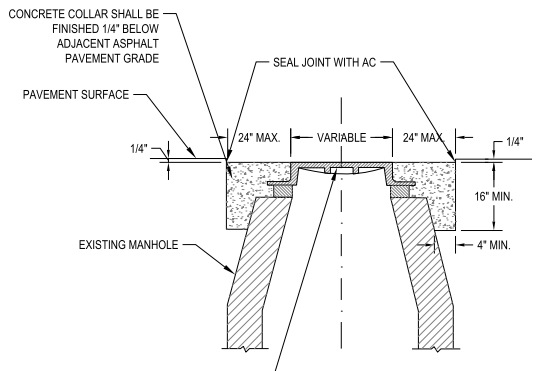


CONCRETE TO ASPHALT STANDARD PAVING HEADER
NOT TO SCALE



- NOTES:**
- ALL DIMENSIONS SHOWN HEREON ARE MINIMUM, THRUST BLOCK SHALL BE POURED TO UNDISTURBED EARTH.
 - ALL CONCRETE FOR THRUST BLOCKS SHALL BE CLASS "C" HAVING 4000 PSI 28 DAY COMPRESSIVE STRENGTH.
 - DO NOT COVER BOLTS WITH CONCRETE ON MECHANICAL JOINTS.
 - USE FORMS WHEN POURING CONCRETE TO MAINTAIN SHAPE AND DIMENSIONS OF THRUST BLOCKS.
 - THRUST BLOCK DETAIL APPLICABLE FOR HORIZONTAL DEFLECTION FOR PIPE UP TO 18" DIAMETER.

TYPICAL THRUST BLOCK DETAILS
NOT TO SCALE



PIPE OUTSIDE DIAMETER	TRENCH WIDTH
LESS THAN OR EQUAL TO 15"	O.D. + 16"
GREATER THAN 15"	(O.D. X 1.25) + 12"

TRENCH WIDTH MAY BE LESS IF APPROVED BY THE ENGINEER. TRENCH WIDTH TO BE GREATER IN POOR OR UNSTABLE SOILS AS DETERMINED BY THE ENGINEER (REF. ASTM 2321).

Wichita-Sedgwick County
Metropolitan Area Building
and Construction Department

REVIEWED FOR CODE COMPLIANCE

DATE: 04/25/24 BY: Michele Gidon

CESO
WWW.CESOINC.COM



LOVE'S TRAVEL STOP

WICHITA, KS
1504 E 21ST STREET N
WICHITA, KS 67214

ID	Description	Date
4	CCD4	02/05/2024

Project Number: 761426
Scale: N/A
Drawn By: FAR
Checked By: JMS
Date: 11/08/2023
Issue: PERMIT SET

Drawing Title:
**CONSTRUCTION
DETAILS**

14

C9.1

W:\PROJECTS\LOVES\761426 - Wichita, KS\03-CIVIL\PLAN\LOT1761426_CONSTRUCTION DETAILS.dwg - 2/8/2024 - Francesca Rapposelli