

CITY OF FRANKLIN

WARREN COUNTY, OHIO

CITY WATER MAIN IMPROVEMENTS

(FOR ANDERSON STREET, RILEY BLVD, E. 3RD, E. 4TH, E. 5TH, E. 6TH & MAIN ST.)

PROJECT No. 33131

AUGUST 2025

CITY OF FRANKLIN OFFICIALS

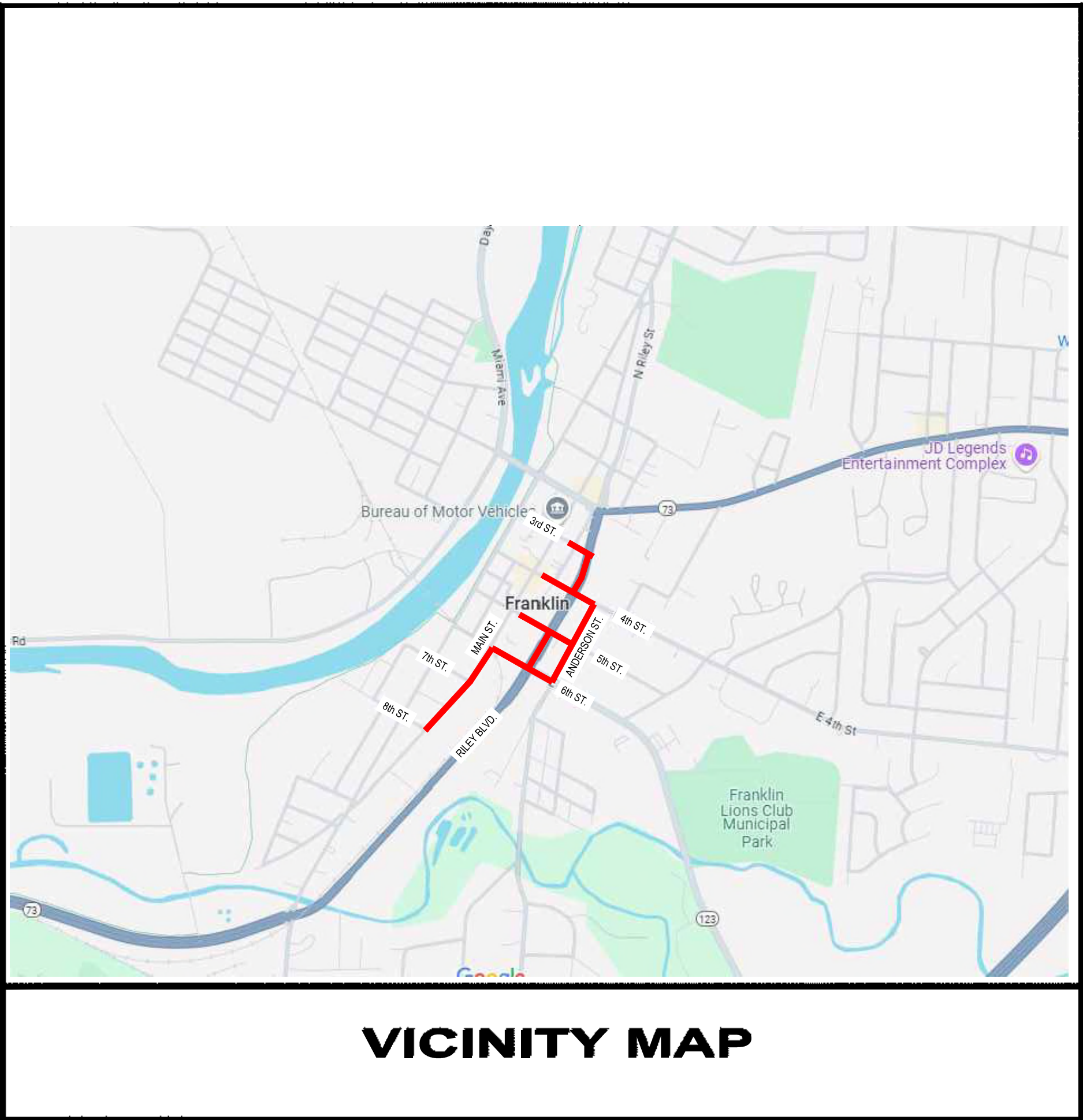
MAYOR
BRENT W. CENTERS

CITY MANAGER
JONATHAN WESTENDORF

CITY COUNCIL
TODD HALL - VICE MAYOR
MICHAEL ALDRIDGE
DENNY CENTERS
PAUL RUPPERT
DEBORAH K. FOUTS
MATHEW WILCHER

ODOT STANDARD DRAWINGS
THE CURRENT EDITION OF THE CITY OF FRANKLIN AND
ODOT STANDARD DRAWINGS ARE HEREBY MADE PART
OF THESE PLANS.

PROJECT SPECIFICATIONS
IN GENERAL, THE PROJECT SPECIFICATIONS CONFORM TO THE
CURRENT EDITION OF THE STANDARD SPECIFICATIONS OF THE CITY
OF FRANKLIN AND STATE OF OHIO, DEPARTMENT OF
TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL
SPECIFICATIONS THERETO. THE PROJECT SPECIFICATIONS, UNDER
SEPERATE COVER, PREPARED BY VERDANTAS, LLC SHALL GOVERN
ALL WORK AND MATERIALS FOR THIS PROJECT.



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VICINITY MAP

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig


Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)



KENT BRYAN, P.E. #57734

APPROVED FOR CONSTRUCTION BY:

JONATHAN WESTENDORF - CITY MANAGER

DATE

8/4/2025

verdantas

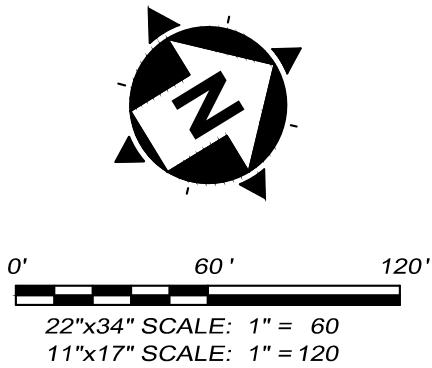
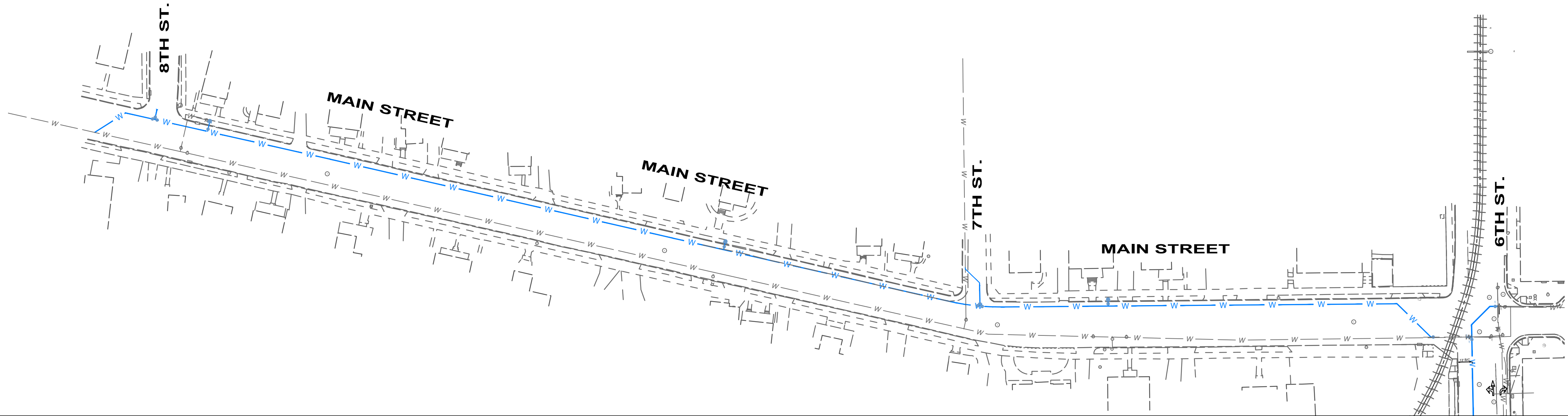
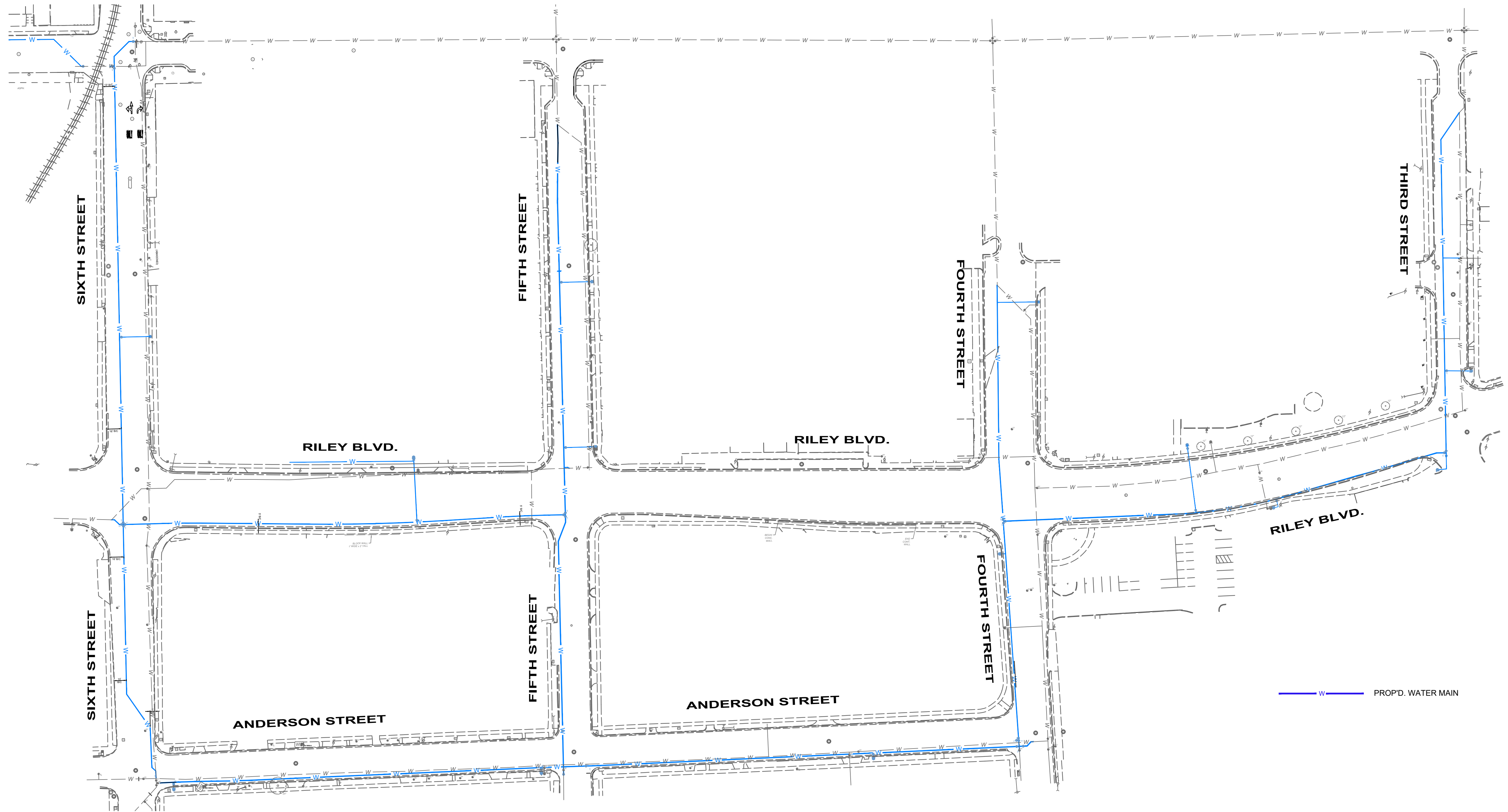
4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 43002
TEL: 615.791.7000
WWW.VERDANTAS.COM

DATE	REVISION	NO	ISSUED FOR:	REVIEW	SCALE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
				AUG 2025	AS SHOWN	JCOR	JCOR / DCAR	KBRY

FRANKLIN WATER MAIN
IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

TITLE SHEET

PROJECT NO.	
33131	
DISCIPLINE	
CIVIL	
SHEET NAME	
TTL	
SHEET	OF
1	19



**FRANKLIN WATER MAIN
IMPROVEMENTS**
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

PROJECT LAYOUT

ISSUED FOR:	REVIEW	NO	REVISION	DATE
ISSUE DATE:	SEPT 2025			
SCALE:	AS SHOWN			
DESIGNED BY:	JCOR			
DRAWN BY:	JCOR / DGAR			
CHECKED BY:	ABRY			

PROJECT NO.	
33131	
DISCIPLINE	
CIVIL	
SHEET NAME	
PROJ	
SHEET	OF
2	19



4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

MATERIALS AND SPECIFICATIONS

UNLESS OTHERWISE SPECIFIED, ALL MATERIALS SHALL BE NEW AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF PREMIUM QUALITY, PROPER AND SUFFICIENT FOR THE PURPOSE CONTEMPLATED. THE CONTRACTOR SHALL FURNISH, IF SO REQUIRED, SATISFACTORY EVIDENCE AS TO TYPE AND QUALITY OF MATERIALS AND WORKMANSHIP.

ALL ITEMS OF EQUIPMENT AND/OR MATERIAL PROPOSED BY THE CONTRACTOR FOR SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER IN WRITING AND SHALL BE EQUAL OR SUPERIOR TO THE ITEMS SPECIFIED IN THE CONTRACT DOCUMENTS. IF SAID SUBSTITUTION PROPOSED BY THE CONTRACTOR FOR A SPECIFIED ITEM REQUIRES ENGINEERING REVISIONS, THE TOTAL EXPENSE OF SAID REVISIONS SHALL BE PAID BY THE CONTRACTOR.

ANY ITEMS OF LABOR AND MATERIALS REQUIRED BUT NOT SHOWN AS A SEPARATE PAY ITEM IN THE PROPOSAL SHALL BE FURNISHED AND INSTALLED AS INCIDENTAL TO THE CONTRACT, EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.

PERMITS

THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL CHARGES AND FEES AS MAY BE NECESSARY AND REQUIRED BY THE CITY, COUNTY OR STATE.

RESPONSIBILITY

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM HIS WORK IN SUCH A MANNER AS NOT TO DAMAGE OR DESTROY ANY EXISTING FEATURE, (I.E. EXISTING INLETS, CONDUITS, ETC.) WHICH IS NOT MARKED FOR REPLACEMENT OR REMOVAL. IF ANY SUCH DAMAGE DOES OCCUR DUE TO THE OPERATIONS OF THE CONTRACTOR, HE SHALL REPLACE THE DAMAGED PORTION AT HIS EXPENSE.

THE CONTRACTOR SHALL EXERCISE DUE CARE DURING CONSTRUCTION SO AS NOT TO DESTROY ANY TREES, PLANTS, SHRUBS OR STRUCTURES OUTSIDE OF THE INDICATED WORK LIMITS AND THOSE NOT SPECIFICALLY MARKED FOR REMOVAL OR RELOCATION WITHIN THE WORK LIMITS.

IN SOME INSTANCES, THE CONTRACTOR WILL BE REQUIRED TO EXCAVATE UNDER AND AROUND THE EXISTING UTILITIES. EXTREME CARE SHOULD BE USED NOT TO DAMAGE THE UTILITY DURING THIS OPERATION.

WATER POLLUTION, SOIL EROSION AND SILTATION CONTROL

THE CONTRACTOR SHALL TAKE EXTREME CARE TO PREVENT UNNECESSARY EROSION, WATER POLLUTION AND SILTATION AT ALL POINTS OF THE PROJECT. TEMPORARY SEEDING AND MULCHING; STRAW BALES, SLOPE DRAINS, ETC., SHALL BE USED AS NECESSARY OR AS DIRECTED BY THE ENGINEER.

COST OF EQUIPMENT AND MATERIAL REQUIRED TO PERFORM THIS WORK SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

MAINTAINING WATER SERVICE

IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ADEQUATE WATER SUPPLY TO CONSUMERS AND FOR FIRE-FIGHTING PURPOSES. THE CONTRACTOR MUST SCHEDULE HIS OPERATIONS TO ENSURE THAT WATER SERVICES AND FIRE HYDRANTS WILL NOT BE OUT OF SERVICE FOR MORE THAN THE LENGTH OF TIME WHICH, IN THE OPINION OF THE ENGINEER, IS REQUIRED FOR MAKING NECESSARY CONNECTIONS.

CONSTRUCTION LAYOUT STAKES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION LAYOUT STAKES FOR THIS PROJECT.

DUST CONTROL

DUST SHALL BE KEPT TO A MINIMUM. COST OF EQUIPMENT AND MATERIAL REQUIRED TO PERFORM THIS ITEM SHALL BE INCIDENTAL TO THE OVERALL BID PRICE.

TRENCH EXCAVATION

EXCAVATION SHALL BE LIMITED TO THE RIGHTS OF WAY AND EASEMENTS OF LANDS CONTROLLED BY THE OWNER.

THE LENGTH OF TRENCH TO BE OPENED OR THE AREA OF THE SURFACE TO BE DISTURBED AT ANY ONE TIME WILL BE LIMITED WITH REGARD TO BOTH EXPEDITIOUS CONSTRUCTION AND TO THE CONVENIENCE AND COMFORT OF THE PUBLIC RESIDING IN THE NEIGHBORHOOD OR FREQUENTING STREETS ADJACENT TO OR ALONG THE EXCAVATION, UNLESS OTHERWISE SPECIFICALLY PERMITTED BY THE ENGINEER. THE FOLLOWING LIMITATIONS TO LENGTH OF OPERATIONS WILL BE IMPOSED.

1) PLACEMENT OF PROPOSED CONDUIT AND BACKFILL MATERIAL SHALL FOLLOW AS CLOSELY AS POSSIBLE BEHIND EXCAVATION OPERATIONS. THE LENGTH OF TRENCH, WHICH IS OPEN AT ANY ONE TIME, SHALL BE HELD TO A MINIMUM AND SHALL AT ALL TIMES BE SUBJECT TO THE APPROVAL OF THE ENGINEER.

2) IN PUBLIC AREAS, ALL UNCOMPLETED MAIN LINE, SERVICE LINE AND MANHOLE EXCAVATION, BACKFILL AND TEMPORARY SURFACING SHALL NOT EXCEED 100 FEET OR AS DIRECTED BY THE ENGINEER.

IF FOR ANY REASON THE WORK IS STOPPED ON THE WHOLE OR ANY PART OF THE TRENCH AND THE SAME IS LEFT OPEN FOR AN UNREASONABLE LENGTH OF TIME IN ADVANCE OF THE CONSTRUCTION OF THE CONDUIT, THE CONTRACTOR SHALL, WHEN SO DIRECTED, REFILL SUCH TRENCH OR PART THEREOF AND TEMPORARILY RESTORE THE SAME AT HIS OWN EXPENSE AND HE SHALL NOT AGAIN OPEN SUCH TRENCH OR PART THEREOF UNTIL HE IS READY TO PROCEED WITH THE CONSTRUCTION OF THE WORK.

ALL EXCAVATIONS WITHIN PUBLIC AREA LIMITS SHALL BE COMPLETELY CLOSED AT ALL TIMES WHEN THERE IS A DELAY IN THE PROGRESS OF THE WORK.

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK FOR PLAN ITEMS SET UP TO BE USED "AS DIRECTED BY THE ENGINEER" UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DISCRETION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THIS PROJECT.

INDIANA BAT PROTECTION

THIS PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES TO THE FEDERALLY LISTED AND PROTECTED INDIANA, NORTHERN LONG-EARED, AND TRI-COLORED BAT. NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT (ESA). FOR THE PURPOSES OF THIS NOTE, A TREE IS DEFINED AS; A LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK DIAMETER OF 3 INCHES OR GREATER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.

MONUMENTS - BENCHMARKS

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE ALL EXISTING SURVEY MONUMENTATION AND BENCHMARKS. ANY MONUMENTATION (IRON PINS, CONCRETE MONUMENTS, ETC.), WHICH MAY BE DISTURBED DURING CONSTRUCTION, SHALL BE REFERENCED AND REPLACED UPON PROJECT COMPLETION. ALL MONUMENTATION REPLACED SHALL BE OF THE SAME MATERIAL AS ORIGINAL MONUMENT AND SHALL BE REPLACED WITHIN CUSTOMARY LIMITS OF ACCURACY, UNDER THE DIRECTION OF A REGISTERED LAND SURVEYOR. FOR U.S.G.S. MONUMENTS AND/OR BENCHMARKS WHICH MAY BE DISTURBED DURING CONSTRUCTION, THE APPROPRIATE AGENCY SHALL BE GIVEN ADEQUATE PRIOR NOTIFICATION TO ALLOW PROPER REFERENCES AND RELOCATION OF THE MONUMENTS TO BE DONE BY THE AGENCY INVOLVED.

UTILITIES

UTILITIES DATA IS BASED UPON INFORMATION PROVIDED BY OTHERS OR AS AVAILABLE IN PUBLIC RECORDS AND HAS NOT BEEN VERIFIED BY THE ENGINEER. THE ENGINEER OR THE OWNER IS NOT RESPONSIBLE OR LIABLE FOR DATA SUPPLIED BY OTHERS.

UTILITIES NOT UNDERGROUND, AND PRIVATE SEPTIC SYSTEMS IN SINGLE OR DOUBLE FAMILY DWELLINGS UTILIZED FOR ONLY THAT DWELLING AND NOT CONNECTED TO ANY OTHER SYSTEM ARE NOT INCLUDED ON THE PLAN.

THE CONTRACTOR SHALL NOTIFY THE REGISTERED UNDERGROUND UTILITY PROTECTION SERVICE AND NON-MEMBER OWNERS OF THE STARTING DATE AT LEAST TWO WORKING DAYS PRIOR TO STARTING WORK. THE UTILITY SHALL MARK, STAKE OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND FACILITIES WITHIN 48 HOURS OF RECEIVING THE CONTRACTORS' NOTICE OF A STARTING DATE. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO DAYS AHEAD OF THE PLANNED CONSTRUCTION.

DURING CONSTRUCTION, THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE OWNERS OF THE UNDERGROUND FACILITIES ANY BREAK OR LEAK IN THE FACILITIES, OR ANY DENT, GOUGE, GROOVE OR OTHER DAMAGE. THE CONTRACTOR SHALL NOTIFY NEARBY OCCUPANTS OF ANY EMERGENCY SITUATION THAT MAY ARISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL UTILITY ACTIVITIES AND SCHEDULES.

THE FOLLOWING UTILITIES AND OWERS ARE LOCATED WITHIN THE PROJECT LIMITS:

ELECTRIC

DUKE ENERGY
139 E. FOURTH STREET
ROOM 467, ANNEX
CINCINNATI, OHIO 45201
513-287-2689

GAS

DUKE ENERGY
139 E. FOURTH STREET
ROOM 460-A
CINCINNATI, OHIO 45201
513-287-2782

WATER / SANITARY / STORM SEWER

CITY OF FRANKLIN PUBLIC WORKS DEPT. OF WATER & SEWER
202 BAXTER DRIVE
FRANKLIN, OHIO 45005
937-746-5001

COMMUNICATIONS

ALTA FIBER
201 E. FOURTH STREET
BLDG. 121-900
CINCINNATI, OHIO 45201
513-565-7043

CHARTER (SPECTRUM / TIME WARNER)

10920 KENWOOD ROAD
CINCINNATI, OHIO 45242
513-386-5918

LUMEN (CENTURYLINK / LEVEL 3)

9490 MERIDIAN WAY
WEST CHESTER, OHIO 45069
513-644-8933

AT&T OHIO

7201 FAR HILLS AVENUE
DAYTON, OHIO 45459
937-296-3588

SOIL CONDITIONS / WATER TABLE

THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING / TESTING / DETERMINING SITE CONDITIONS AS IT RELATES TO SOIL CONDITIONS AND GROUND WATER TABLE. THE CONTRACTOR IS RESPONSIBLE FOR STABILIZING ALL TRENCH WORK, USING TEMPORARY SHORING (TRENCH BOXES OR OTHER) IF NECESSARY TO CONSTRUCT THE IMPROVEMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PUMPING / DEWATERING TRENCHES, IF NECESSARY.

PAYMENT FOR THE WORK DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT CONDUIT ITEMS.

SEED, MULCH & FERTILIZER, AS PER PLAN

ALL SEEDING, MULCHING AND FERTILIZING SHALL BE DONE TO DAMAGED AREAS WITHIN THE CONSTRUCTION LIMITS AND ARE INCIDENTAL TO THE PROJECT. ALL DAMAGED AREAS REQUIRING RESTORATION OUTSIDE OF THE CONSTRUCTION LIMITS SHALL BE DONE AT THE EXPENSE OF THE CONTRACTOR.

THE ENGINEER SHALL DETERMINE ALL AREAS REQUIRING SEEDING, MULCHING AND FERTILIZER PERTINENT TO THIS CONTRACT.

MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF ODOT SPEC. 614 AND O.M.U.T.C.D.

THE CONTRACTOR SHALL MAINTAIN ALTERNATING TWO WAY TRAFFIC ON ALL STREETS DURING CONSTRUCTION. ANY ROAD CLOSURES MUST BE APPROVED BY THE CITY ENGINEER AT LEAST ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.

SPECIFIC ATTENTION WILL BE DIRECTED TOWARD THE PROPER USE OF FLAGMEN, LIGHTS, DRUMS, AND TEMPORARY PAVEMENT MARKINGS (IF NECESSARY). THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY SIGNS, AND PROVIDE TEMPORARY STRIPING (IF NECESSARY). THE CONTRACTOR SHALL ALSO PROVIDE ALL PLATING, TEMPORARY PAVEMENT AND TRAFFIC CONTROL MEASURES NECESSARY TO MAINTAIN TRAFFIC.

ALL COSTS FOR TRAFFIC MAINTENANCE SHALL BE INCLUDED IN THE LUMP SUM UNIT BID FOR "MAINTENANCE OF TRAFFIC".

MAINTENANCE OF TRAFFIC SHALL BE ONGOING THROUGH THE PROJECT, INCLUDING ALL PERIODS OF INACTIVITY BY THE CONTRACTOR, UNTIL FINAL ACCEPTANCE OF THE PROJECT.

OPEN TRENCHES

ALL OPEN TRENCHES FOR WATERMAINS SHALL BE PROPERLY DELINEATED FROM THE TRAVELED ROADWAY BY REFLECTIVE DRUMS. TRENCHES SHALL EITHER BE BACKFILLED OR COVERED FOR ANY EXTENDED PERIODS OF NO CONSTRUCTION.

MAINTENANCE OF EXISTING ROADWAY/DRIVEWAYS

THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE EXISTING ROADWAYS AND DRIVEWAYS IN GOOD CONDITION WITH RESPECT TO BOTH SAFETY AND SMOOTHNESS OF TRAVEL AS LONG AS IT IS NEEDED FOR MAINTENANCE OF TRAFFIC. THE COST OF ADDITIONAL WORK AND MATERIAL NECESSARY TO REPAIR AND MAINTAIN THE EXISTING ROADWAYS SHALL BE INCIDENTAL TO THE CONTRACT.

CONSTRUCTION SCHEDULE

A SHEDULE SHALL BE SUBMITTED IN WRITING AT LEAST TWO WEEKS PRIOR TO THE START OF ANY CONSTRUCTION.

IN DETAILING THE CONSTRUCTION SCHEDULE, THE CONTRACTOR SHALL PROVIDE THE LEAST POSSIBLE INCONVENIENCE TO THE PUBLIC DURING CONSTRUCTION. WORK SHALL NOT PROCEED ON THE PROJECT UNTIL SUCH TIME AS THE SCHEDULE IS APPROVED BY BOTH THE CITY ENGINEER AND THE CITY MANAGER.

ACCESS TO PROPERTY

THE CONTRACTOR SHALL GIVE WRITTEN NOTICE TO ALL RESIDENTS AND BUSINESSES AND GIVE A COPY OF SAID WRITTEN NOTICE TO THE PROJECT INSPECTOR 48 HOURS PRIOR TO BEING ALLOWED TO COMMENCE WORK WHICH WOULD INVOLVE BLOCKING ACCESS TO SAID PROPERTY.

GENERAL NOTES

1- THE EXISTING WATER MAIN ELEVATION AND LOCATION AT THE CONNECTION POINTS WITH THE PROPOSED MAIN WAS ASSUMED AND HAS NOT BEEN FIELD VERIFIED. PRIOR TO COMMENCEMENT OF ANY WATER MAIN WORK, THE CONTRACTOR SHALL DIG A TEST HOLE AT THE CONNECTION POINT TO LOCATE EXISTING WATER MAIN AS TO LOCATION AND ELEVATION. THE EXISTING WATER MAIN LOCATION MAY REQUIRE SOME FIELD ADJUSTMENT TO THE PROPOSED WATER MAIN INCLUDING ADJUSTING THE DEPTH OF THE PROPOSED WATER MAIN. COST OF DOING THE ABOVE SHALL BE INCIDENTAL TO THE PERTINENT WATER MAIN ITEM.

2- COST OF TRIMMING OR CLEARING ANY TREES, BUSHES, ETC. SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE AND SHALL BE APPROVED BY THE CITY OF FRANKLIN AND THE PROPERTY OWNER.

3- THE UTILITY INFORMATION SHOWN ON THE PLANS IS BASED ON INFORMATION RECEIVED FROM OTHERS AND HAS NOT BEEN VERIFIED BY THE ENGINEER OR OWNER. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF THE UTILITIES AND TO COORDINATE ANY IMPACT CAUSED BY THE PROPOSED WORK WITH ALL UTILITY OWNERS AND/OR THEIR CONTRACTORS. THE CONTRACTOR WILL BE REQUIRED TO DIG TEST HOLES AT ALL UTILITY CROSSINGS TO LOCATE THE UTILITY AS TO BOTH LOCATION AND ELEVATION AND WILL BE REQUIRED TO REALIGN AND ADJUST THE ELEVATION OF THE PROPOSED WATER MAIN TO AVOID THE UTILITY. COST OF ALL THE ABOVE SHALL BE INCIDENTAL TO THE OVERALL CONTRACT PRICE.

4- WATERLINES CROSSING UNDER OR OVER SEWER LINES (DEFINED AS ANY SANITARY/COMBINED SEWER, SEPTIC TANK OR SUBSOIL TREATMENT SYSTEM) MUST MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 18" AND ONE FULL LENGTH OF PIPE SHALL BE LOCATED SO BOTH JOINTS ARE AS FAR FROM THE SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.

5- CONTRACTOR IS RESPONSIBLE FOR EXPOSING UNDERGROUND UTILITIES AS DIRECTED BY THE ENGINEER, OR THE CITY OF FRANKLIN PRIOR TO CONSTRUCTION TO VERIFY EXACT DEPTHS OF UTILITIES. COST SHALL BE INCIDENTAL TO THE OVERALL CONTRACT.

6- CONTRACTOR IS RESPONSIBLE FOR KEEPING FIELD NOTES THAT PROVIDE SUFFICIENT DATA FOR PREPARING "RECORD DRAWINGS" UPON COMPLETION OF CONSTRUCTION.

7- ALL WATER MAIN CONSTRUCTION SHALL CONFORM TO THE CITY OF FRANKLIN SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CURRENT COPY OF THE CITY OF FRANKLIN STANDARD DRAWINGS AND SPECIFICATIONS.

8- COST OF ALL TRENCHING, PIPE RESTRAINT MATERIALS, PIPE BEDDING, BACKFILL, REMOVAL AND REPLACEMENT OF LANDSCAPING/ SIGNS SHALL BE PART OF THE COST OF INSTALLING THE WATER MAIN.

9- COST OF ALL REMOVAL AND REPLACEMENT OF LANDSCAPING/YARD RESTORATION AND SIGNS SHALL BE PART OF THE COST OF INSTALLING THE SERVICE LINE & METER PIT.

10- THE PROPOSED WATER MAIN SHALL BE PVC C-900 DR 14 FOR ALL OPEN TRENCH INSTALLATIONS AND HDPE PIPE FOR ALL TRENCHLESS SECTIONS.

11- PROPOSED WATER MAIN SHALL BE THOROUGHLY CLEANED, FLUSHED, AND DISINFECTED, AS PER THE CITY OF FRANKLIN SPECIFICATIONS.

12- PRESSURE TESTING SHALL BE DONE AS PER THE CITY OF FRANKLIN SPECIFICATIONS.

13- THE SYSTEM IS DESIGNED TO MAINTAIN A MINIMUM PRESSURE OF 20 PSI AT GROUND LEVEL AT ALL POINTS IN THE SYSTEM UNDER ALL CONDITIONS OF FLOW

14- THE PROPOSED WATER MAIN SHALL HAVE A HORIZONTAL SEPARATION OF AT LEAST 3'-0" (MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE) FROM ANY GAS MAIN.

15- A 10' MINIMUM LATERAL SEPARATION BETWEEN WATER MAINS AND SEWERS (DEFINED AS ANY SANITARY/COMBINED SEWER, SEPTIC TANK OR SUBSOIL TREATMENT SYSTEM) AND SEWER MANHOLES, MEASURED FROM THE OUTSIDE DIAMETER TO OUTSIDE, MUST BE MAINTAINED, UNLESS OTHERWISE INDICATED ON THE PLANS.

16- AFTER PROPOSED WATER MAIN IS TESTED AND APPROVED, THE EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL SUCH TIME THAT ALL NEW WATER SERVICES HAVE BEEN CONNECTED AND APPROVED. THEN AT SUCH TIME THE EXISTING WATER MAIN SHALL BE PLUGGED AND ABANDONED.

17- ALL STORM SEWER/SANITARY SEWER CONSTRUCTION ITEMS SHALL CONFORM WITH THE LATEST STANDARD DRAWINGS AND SPECIFICATIONS OF THE CITY OF FRANKLIN AND O.D.O.T.

18- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF FRANKLIN FOR FIELD INSPECTIONS.

19 - ALL NEW WATER SERVICES SHALL BE 3/4" PVC C901 (250 P.S.I. PRESSURE CLASS) WITH 5/8" WATER METERS (UNLESS OTHERWISE NOTED). ALL RECONNECTED WATER SERVICES SHALL BE 3/4" PVC C901 (250 P.S.I. PRESSURE CLASS.

20 - REPLACE AND RECONNECT SERVICE LINE, INCLUDES THE LABOR, EQUIPMENT, EXCAVATION, BEDDING, BACKFILL, AND YARD RESTORATION TO INSTALL THE SERVICE LINE AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED, IN ACCORDANCE WITH THE DETAIL ON SHEET 3. SPECIFICATIONS AND STANDARD DRAWINGS, COMPLETE AND READY FOR USE. LEAD SERVICE LINES ENCOUNTERED BY THE EXCAVATION SHALL BE REPLACED FROM THE MAIN TO AND INCLUDING THE METER VAULT AND METER SETTING. PAID EACH (EA).

21 - THE LOCATION OF UTILITIES SHOWN IN PROFILE IS APPROXIMATE AND BASED ON AN ASSUMED UNIFORM COVER. THE UTILITY LOCATION IN THE FIELD MAY VARY AS TO LOCATION AND DEPTH. THE CONTRACTOR SHALL BECOME FULLY RESPONSIBLE TO COORDINATE WITH ALL UTILITY OWNERS AND THEIR CONTRACTORS TO VERIFY THE LOCATION AND DEPTH OF THEIR UTILITY SERVICES. COST OF DOING SO SHALL BE INCIDENTAL TO THE OVERALL CONTRACT.

22 - EXISTING MAILBOXES, SIGNS AND POSTS REMOVED FOR THE WATER MAIN CONSTRUCTION SHALL BE SALVAGED FOR REINSTALLATION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT CONTRACT AND NO ADDITIONAL PAYMENT SHALL BE MADE. ANY DAMAGE DURING CONSTRUCTION WILL RESULT IN REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ANY POST, SIGN OR MAILBOX THAT WARRANTS REPLACEMENT PRIOR TO REMOVAL SHALL BE DOCUMENTED AND COMMUNICATED IN WRITING TO THE CITY.

verdantas

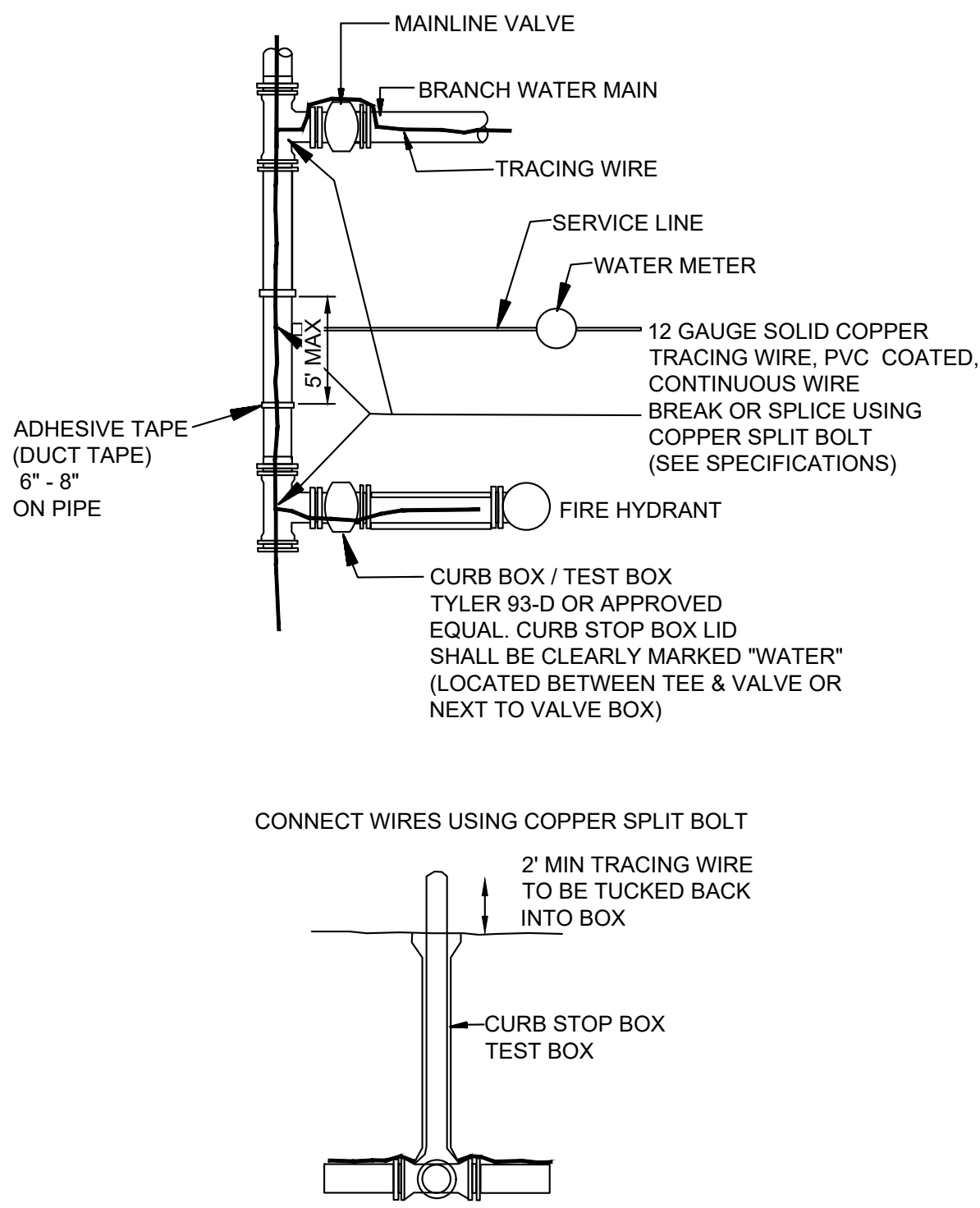
4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

FRANKLIN WATER MAIN IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

GENERAL NOTES

PROJECT NO.	33131	
DISCIPLINE	CIVIL	
SHEET NAME	NOTES	
SHEET	OF	
3	19	

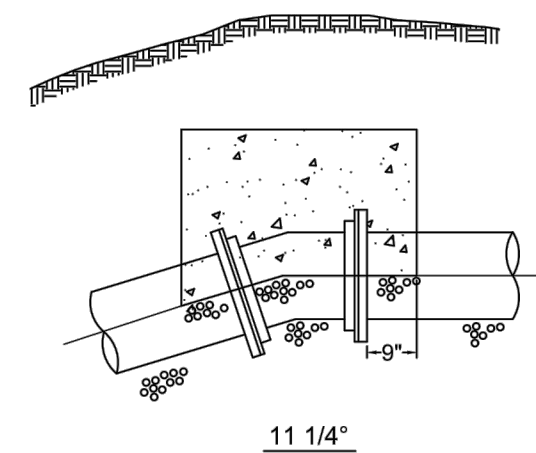
Z:\PROJECT FILES\EA-FZ\FRANKLIN\33131 - FRANKLIN ANDERSON WM IMPROVEMENTS\CADD\DWG\BASE\33131 C BASE - T11-NOTES-DETAILS.DWG - C2 N & L - 30/04/2025 5:33:05 PM - JAMES CORNELL



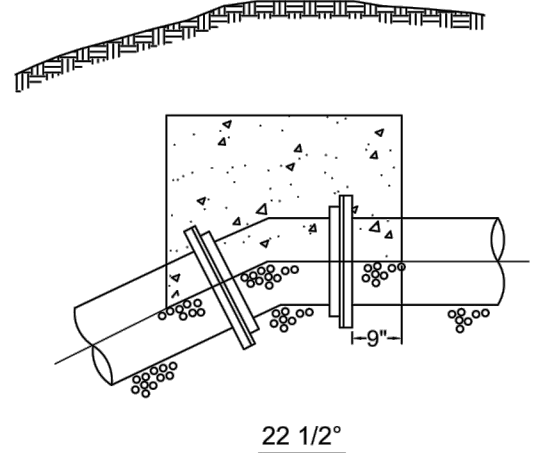
DUCTILE IRON AND PVC PIPE WITH DUCTILE IRON FITTINGS

TRACING WIRE DETAIL

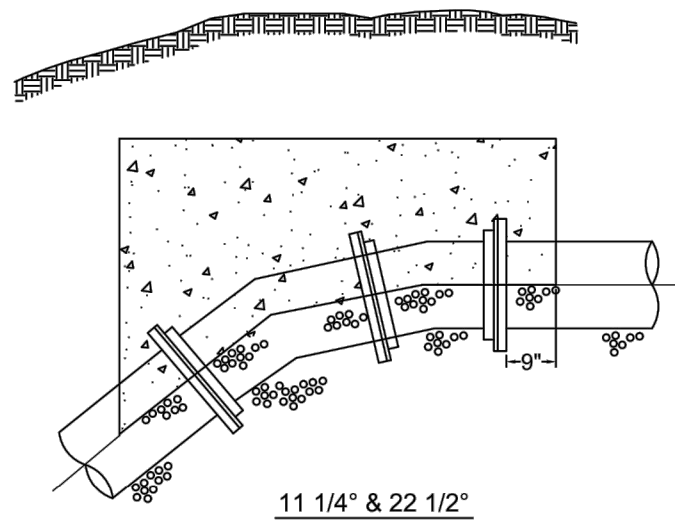
DIA.	11 1/4"	22 1/2"	11 1/4" & 22 1/2"
6"	4	8	11
8"	7	14	20
10"	11	21	30
12"	15	30	44



11 1/4"



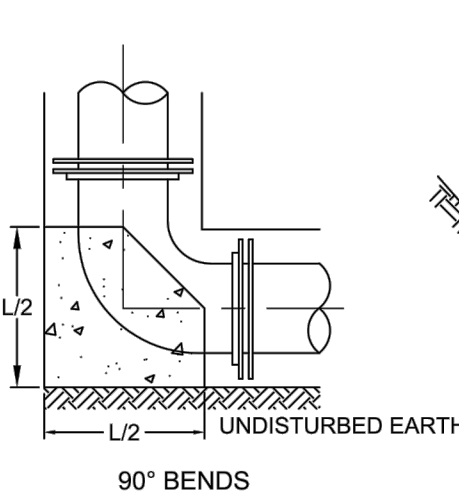
22 1/2"



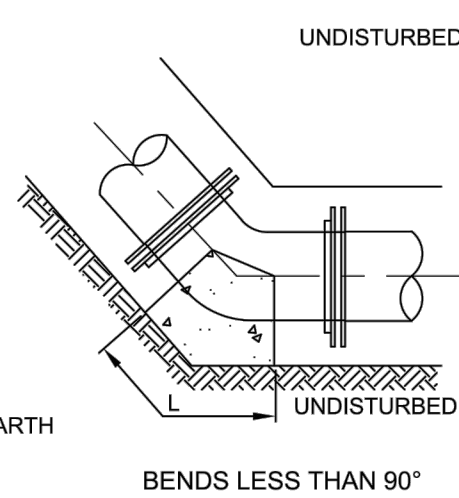
11 1/4" & 22 1/2"

CONCRETE BLOCKING FOR VERTICAL BENDS

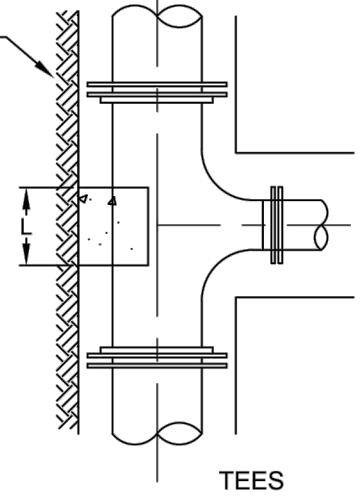
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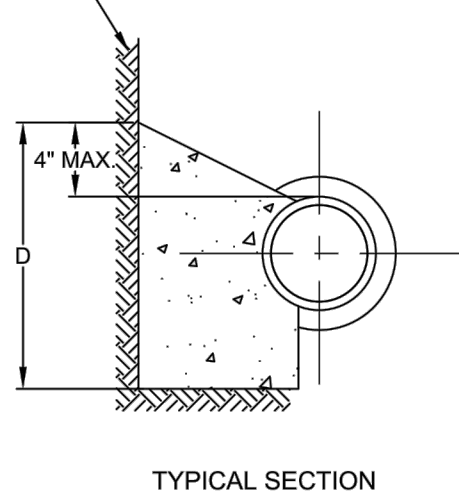
90° BENDS



BENDS LESS THAN 90°



TEES



TYPICAL SECTION

CONCRETE BLOCKING FOR HORIZONTAL BENDS

N.T.S.

SIZE OF PIPE	BENDS											
	DEGREE OF BEND											
	11 1/4"	22 1/2"	45°	90°	11 1/4"	22 1/2"	45°	90°	11 1/4"	22 1/2"	45°	90°
3", 4", 6"	8"	6"	10"	6"	20"	6"	36"	6"	8"	9"	8"	14"
8"	9"	8"	14"	8"	24"	8"	50"	8"	12"	14"	22"	12"
12"	14"	12"	22"	12"	30"	16"	60"	15"	16"	18"	16"	24"
16"	18"	16"	24"	18"	33"	36"	70"	22"				

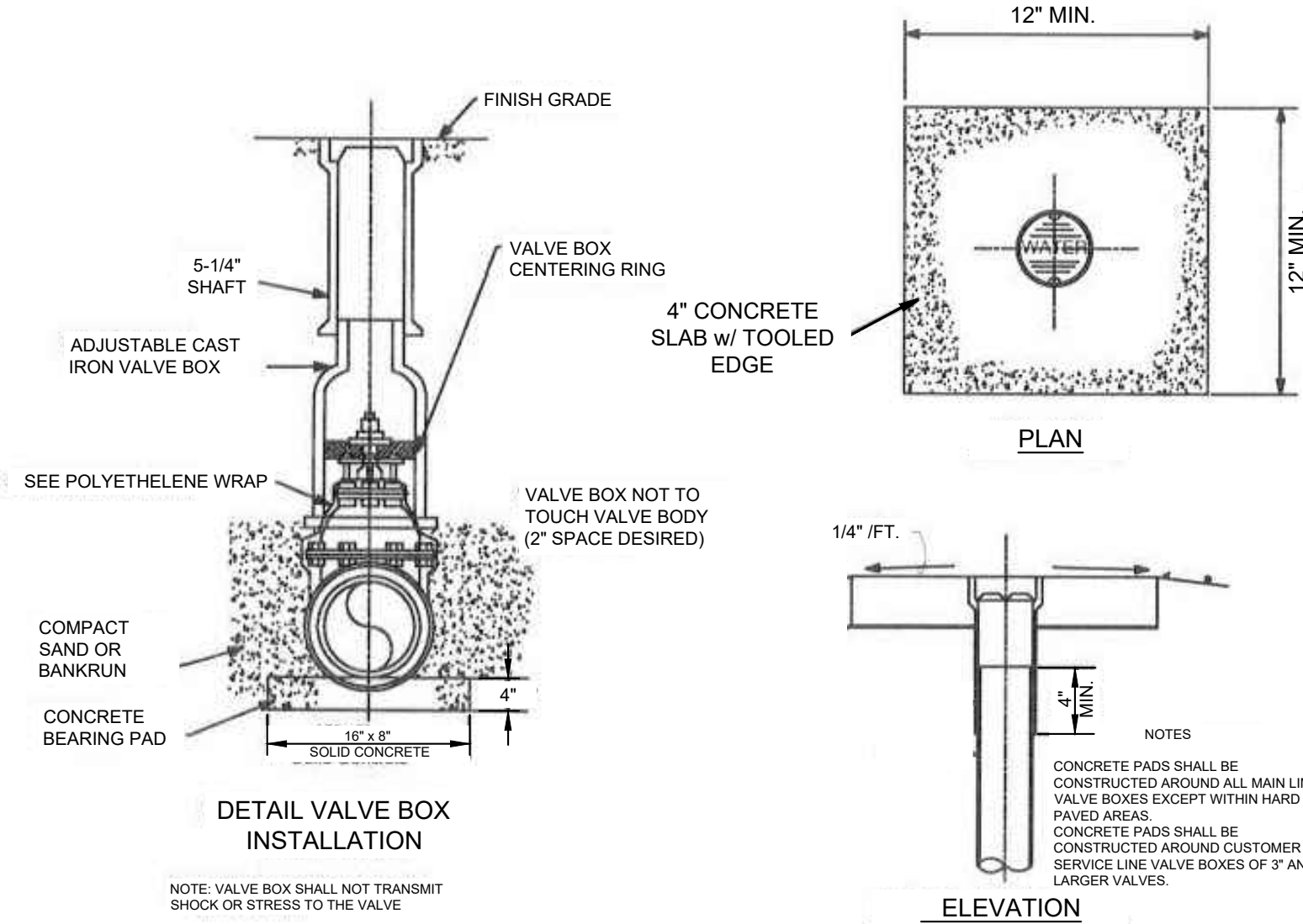
RUN	TEES											
	BRANCH											
	3", 4", 6"	8"	12"	16"	3", 4", 6"	8"	12"	16"	3", 4", 6"	8"	12"	16"
3", 4", 6"	16"	7"			16"	7"			16"	7"		
8"	14"	8"	18"	12"	14"	8"	18"	12"	14"	8"	18"	12"
12"	9"	12"	18"	12"	24"	18"			9"	12"	18"	12"
16"	8"	16"	14"	16"	28"	16"	30"	28"	8"	16"	14"	16"



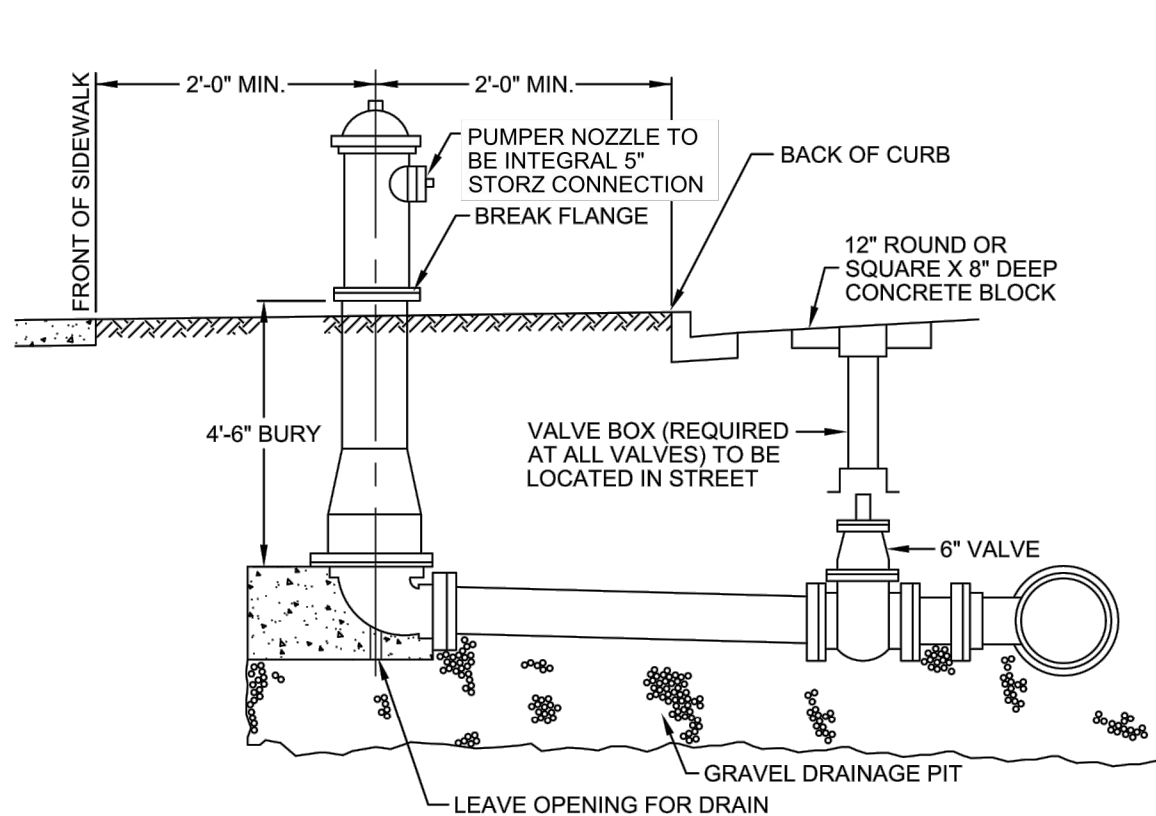
REVISIONS	
3/29/2025	REVISION TO CITY STANDARD DETAILS

CONCRETE BLOCKING FOR WATER MAINS

DWG NO.
300-2



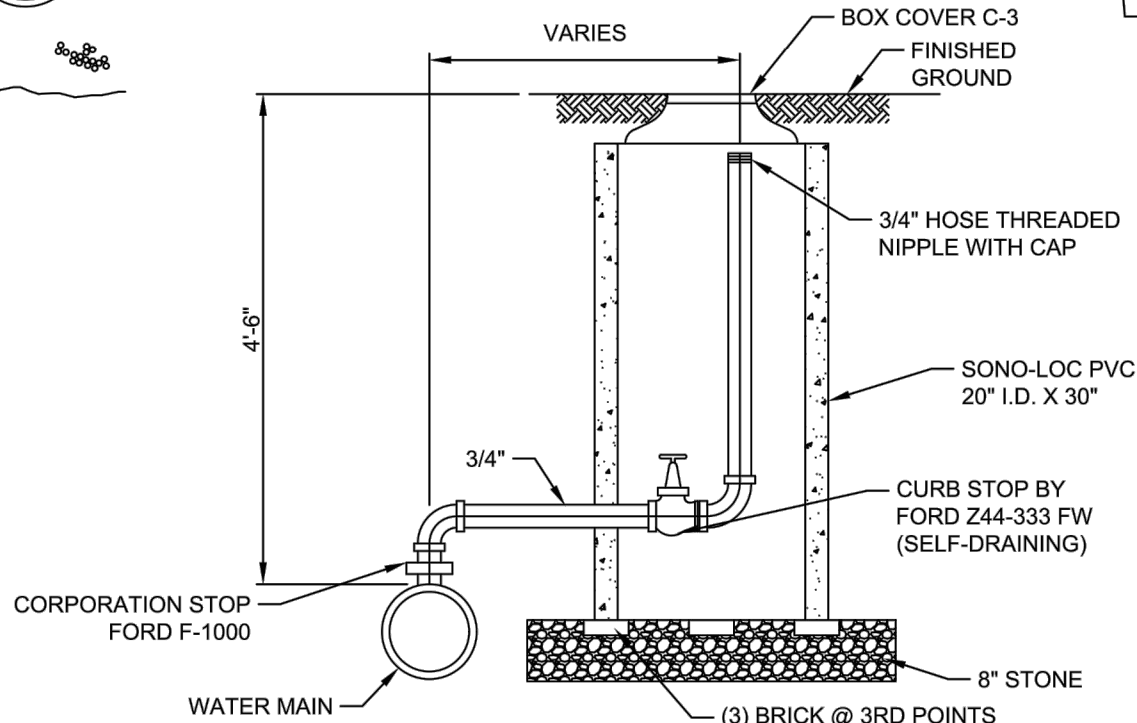
VALVE BOX AND PAD DETAIL



- ACCEPTABLE FIRE HYDRANT BRAND
- KENNEDY GUARDIAN K81-D W/ 5" STORZ CONNECTION
 - AMERICAN DARLING B-62-B W/ 5" STORZ CONNECTION

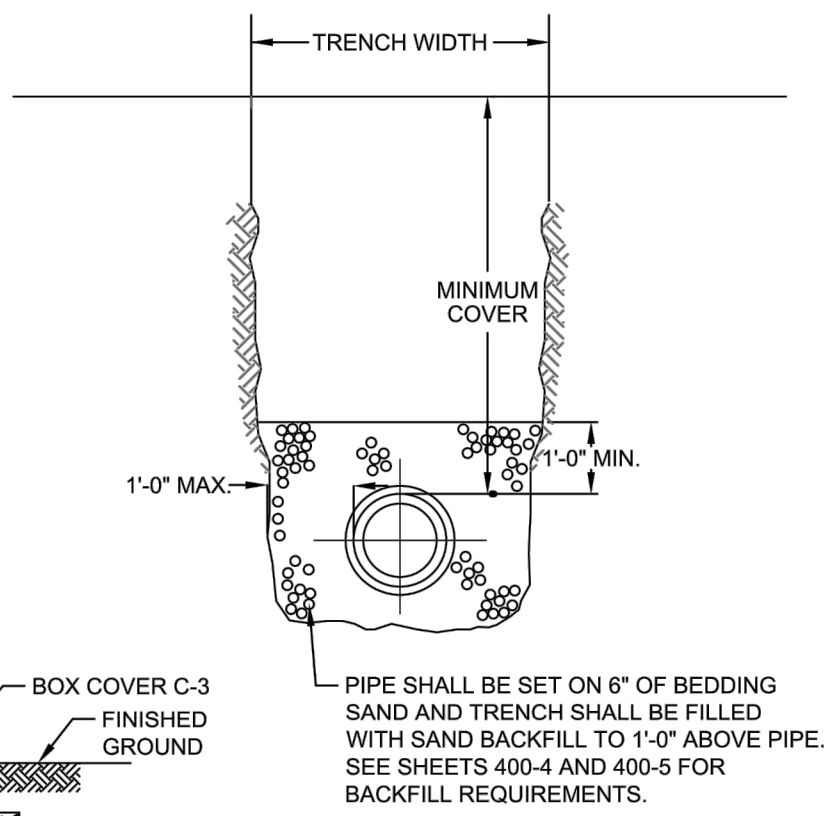
FIRE HYDRANT DETAILS

- DIA. - MAIN VALVE OPENING: 5 1/4"
- DIA. - PUMPER CONNECTION: I.D. 4 1/2" O.D. 5 3/4"
- DIA. - HOSE CONNECTIONS: TWO 2 1/2"
- THREAD TYPE: NATIONAL STANDARD - NO THREAD EXPOSED TO WATER (STORZ CONNECTION FOR PUMPER NOZZLE)
- SHAPE - CAPS & OPERATING NUT: PENTAGON
- DIMENSIONS - OPERATING NUT: TOP 1 3/8", BOTTOM 1 3/8"
- DIRECTION OF OPENING: RIGHT (COUNTER CLOCKWISE)
- COLOR TO BE PAINTED: RED
- VALVE SEAT: MACHINED BRONZE
- BARREL: TWO PIECE WITH BREAK AWAY FEATURE
- TOP: DRY
- BEARING: ANTI-FRICTION THRUST BEARING
- SPACING BETWEEN HYDRANTS: 300' MAX. (400' MAX. FOR RESIDENTIAL)



BLOWOFF DETAIL

N.T.S.

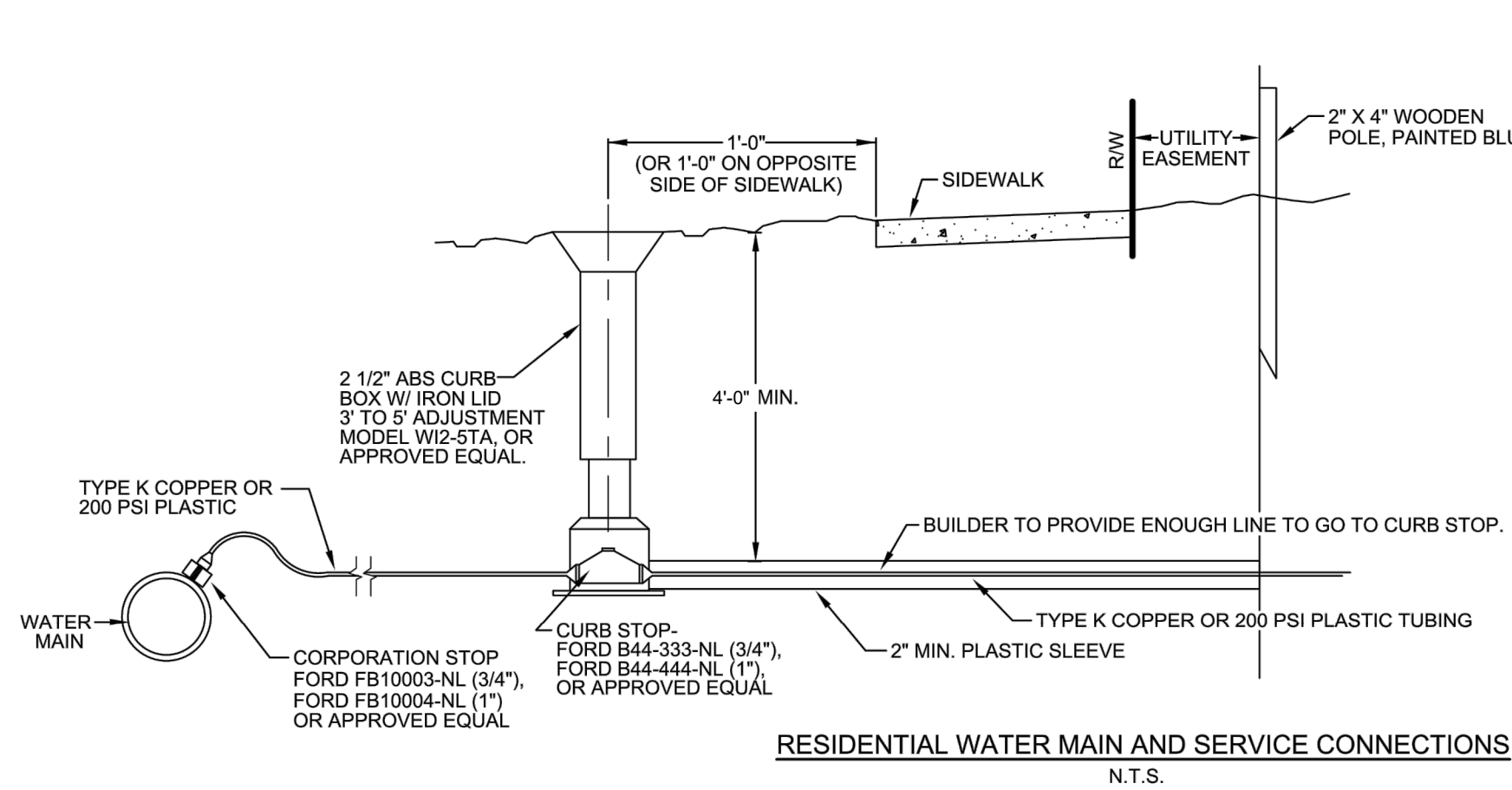


DWG NO.
300-1



REVISIONS	
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FIRE HYDRANT AND WATER MAIN TRENCH EXCAVATION



RESIDENTIAL WATER MAIN AND SERVICE CONNECTIONS

N.T.S.

NOTES:

- SERVICE LINES FROM THE WATER MAIN TO THE CURB STOP AND FROM THE CURB STOP TO THE BUILDING SHALL BE TYPE "K" COPPER OR APPROVED AWWA STANDARD C901-78 PLASTIC TUBING, 200 PSI MINIMUM.
- THE ABOVE PLASTIC TUBING APPROVED FOR 3/4-INCH AND 1-INCH DIAMETER. FOR LARGER DIAMETER, CHECK WITH CITY ENGINEER.
- SERVICE LINE SIZE AND METER SIZE TO BE REVIEWED BY THE CITY.
- PIPE DEPTHS:
TYPE "K" COPPER - 3'-6"
CITY-APPROVED PLASTIC (W/12 GAUGE COPPER TRACER WIRE) - 4'0"
- ALL CONNECTIONS OF TYPE "K" COPPER PIPE SHALL BE COMPRESSION FITTINGS OR FLARED FITTINGS.
- BUILDING SERVICE LINE TAPS ON PVC PLASTIC PIPE MEETING AWWA SPECIFICATION C-900 SHALL BE MADE WITH FORD STYLE 202, DOUBLE-STRAP SADDLES, WITH CORROSION-RESISTANT PARTS (OR APPROVED EQUAL). NO SINGLE-STRAP SADDLES WILL BE PERMITTED.
- PLASTIC SERVICE LINES TO BE DEPRESSED SIX (6) INCHES AT BUILDING FOUNDATION.
- A BACKFLOW PREVENTER, NO SMALLER THAN METER SIZE, SHALL BE INSTALLED ADJACENT TO THE WATER METER.



REVISIONS	
3/29/2025	REVISION TO CITY STANDARD DETAILS

WATER MAIN AND RESIDENTIAL SERVICE CONNECTIONS

DWG NO.
300-3



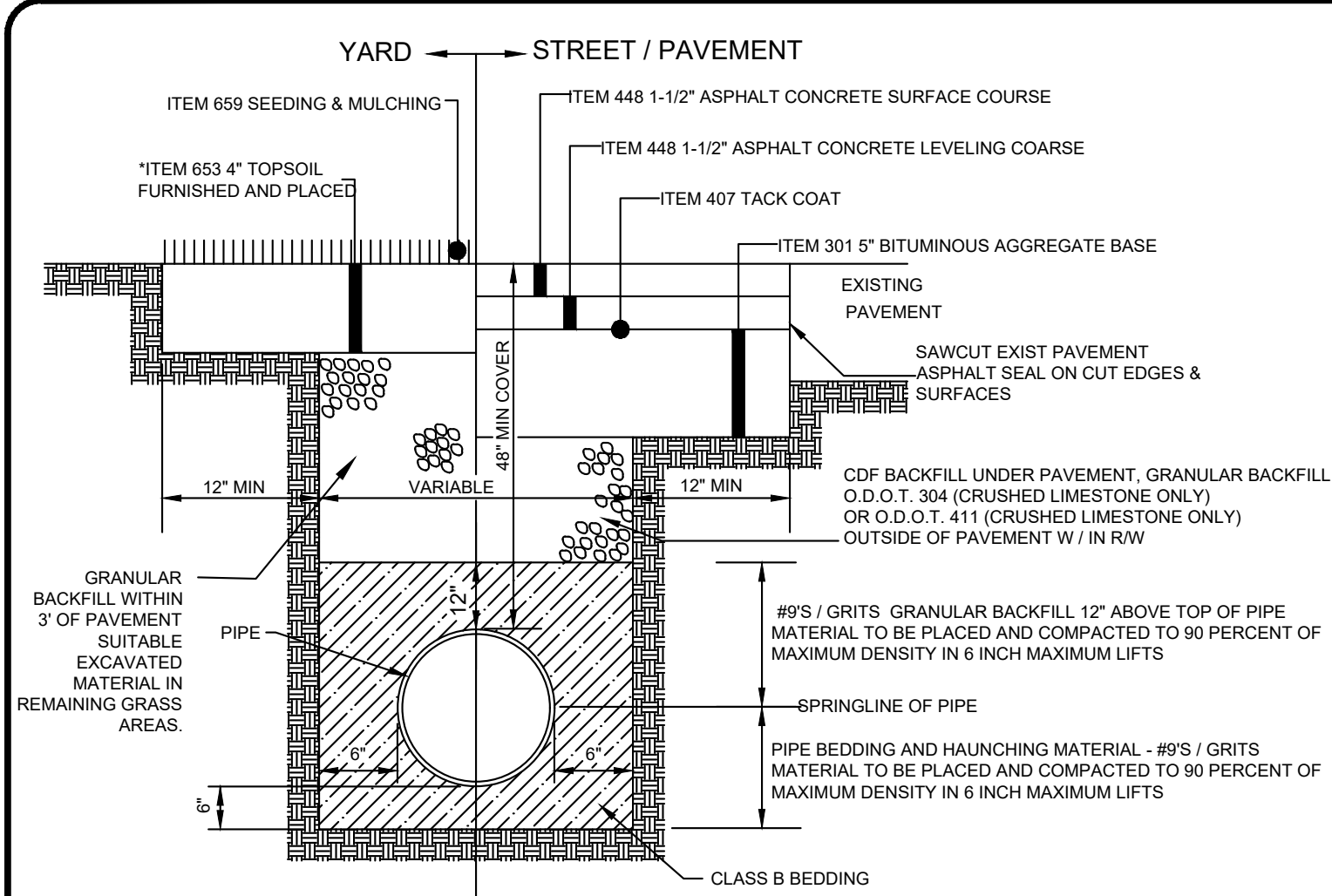
4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

ISSUED FOR:	REVIEW	NO	REVISION	DATE

FRANKLIN WATER MAIN
IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

DETAILS

PROJECT NO. 33131	
DISCIPLINE CIVIL	
SHEET NAME DTL-1	
SHEET 4	OF 19



PAVEMENT & TRENCH RESTORATION

NOTES:

UNLESS NOTED OTHERWISE, COST OF ALL THE ABOVE SHALL BE INCIDENTAL TO THE PROPOSED PIPE ITEM.

WATER MAIN SHALL BE INSTALLED IN A SEPARATE TRENCH FROM THE SANITARY SEWER AND SHALL BE A MINIMUM DISTANCE OF 10' MEASURED HORIZONTALLY FROM THE SANITARY SEWER

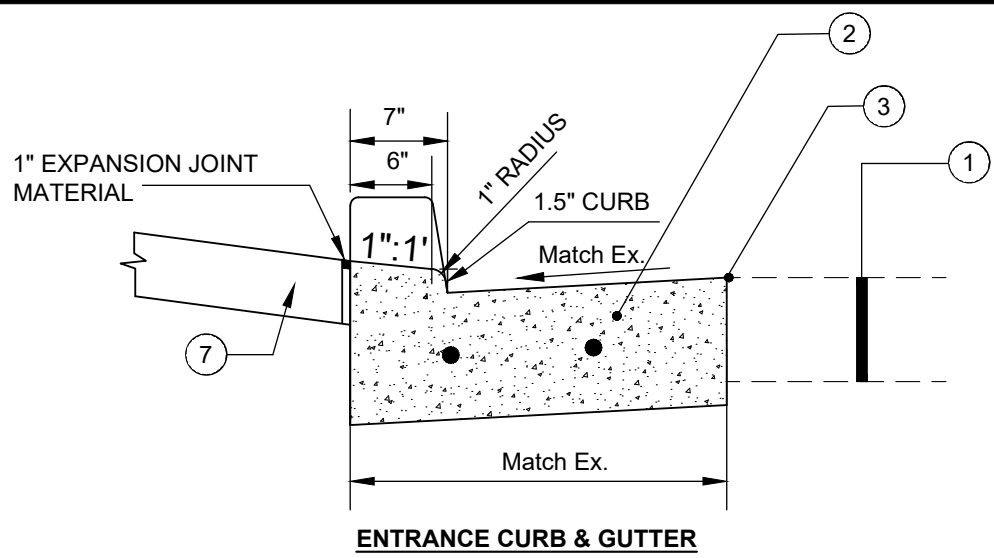
GENERAL TRENCH EXCAVATION NOTES:

- CONTRACTOR IS TO PROVIDE CONSTANT STABLE SUPPORT FOR THE WATER MAIN TRENCH EXCAVATION (ie SHEETING, SHORING, ETC.) TO PROTECT ALL ADJACENT EXISTING UTILITIES, STORM SEWER PIPE AND STRUCTURES AND THE EXISTING ROADWAY FROM ANY MOVEMENT. (NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK. ANY COSTS ASSOCIATED WITH WITH TRENCH SUPPORT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR 8" P.V.C. WATER MAIN.

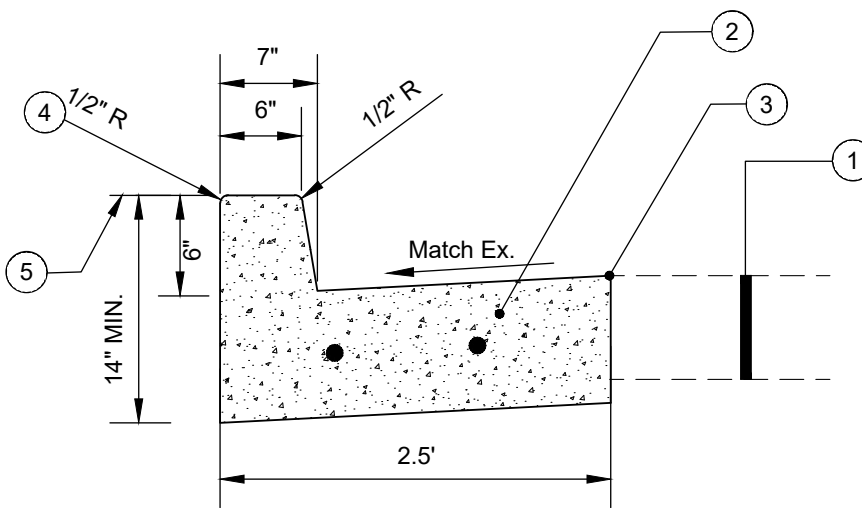
TRENCH SUPPORT FAILURE RESULTING IN ADVERSE IMPACT TO EXISTING FACILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.

- TRENCH EXCAVATION AND OPEN, UNBACKFILLED LENGTH OF WATER MAIN TRENCH SHALL BE LIMITED AS NECESSARY IN ORDER TO PREVENT MOVEMENT OF, OR DAMAGE TO THE SURROUNDING GROUND SURFACE, NEARBY STRUCTURES/INFRASTRUCTURE AND THE EXISTING ROADWAY PAVEMENT.

TRENCH EXCAVATION SHALL ALSO BE LIMITED TO THE CONTRACTOR'S ABILITY TO PROVIDE TRENCH BOXES FOR SUPPORT. UNDER NO CIRCUMSTANCES SHALL TRENCH EXCAVATION EXCEED LENGTH OF SUPPORT AVAILABLE.



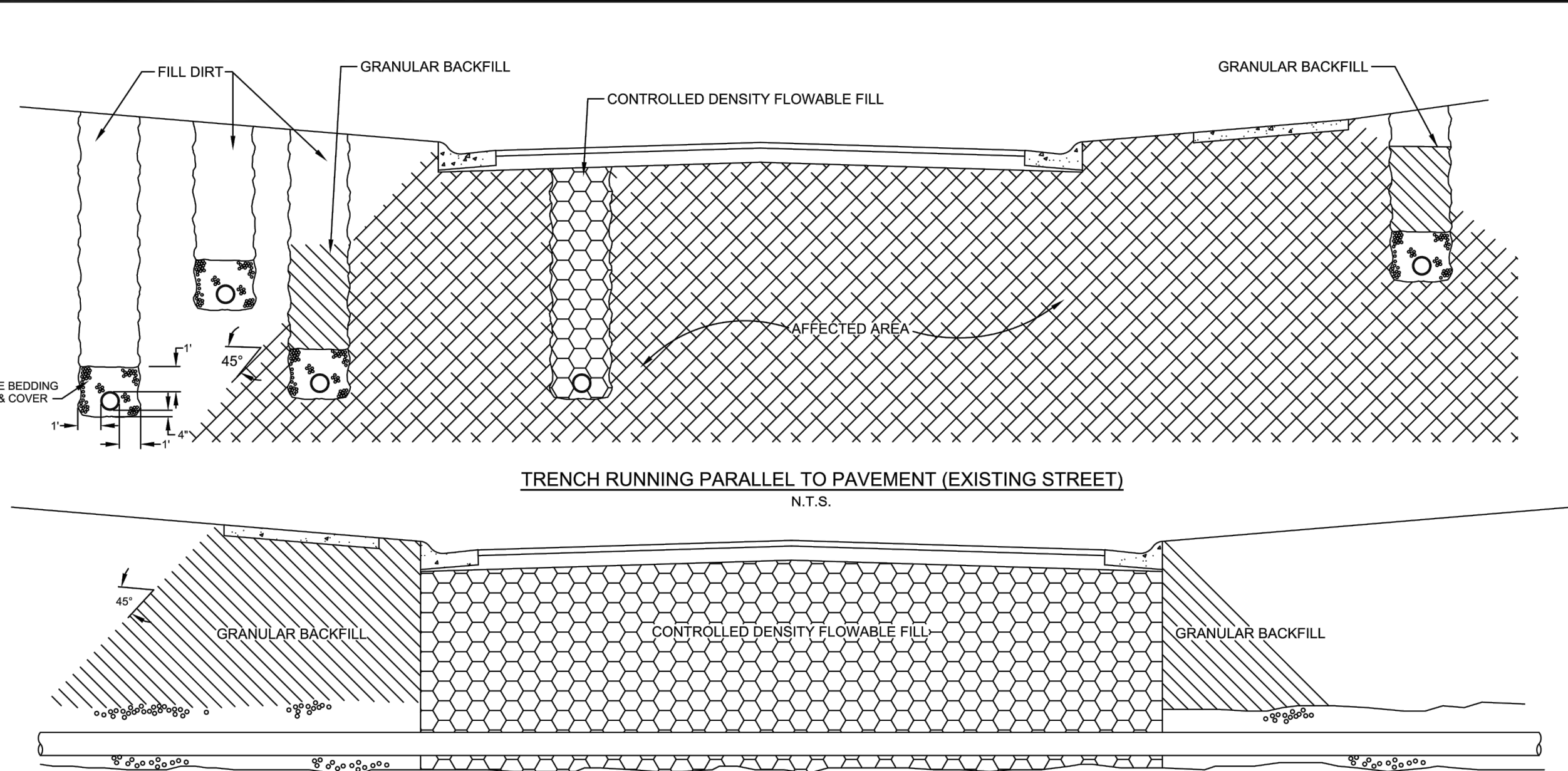
ENTRANCE CURB & GUTTER



STANDARD CURB & GUTTER

- EXISTING ASPHALT PAVEMENT
- SAWCUT AND REMOVE EXISTING CURB (INCIDENTAL)
- APPLY ASPHALT SEALER AT INTERFACE BETWEEN ASPHALT AND CONCRETE (INCIDENTAL TO ITEM 402/403)
- TOP/EDGE OF REPLACEMENT CURB TO MATCH LINE & GRADE OF ADJACENT EXISTING CURB
- YARD RESTORATION (4" TOPSOIL, SEED AND MULCH) - INCIDENTAL TO CURB REPLACEMENT
- 8" DIA. DOWELS 18" LONG - DRILL 9" MIN. INTO EXIST. CURB
- CONCRETE DRIVEWAY APPROACH REPLACEMENT AS PER DETAIL THIS SHEET

6" CONC. VERTICAL CURB & GUTTER REPLACEMENT



NOTES:

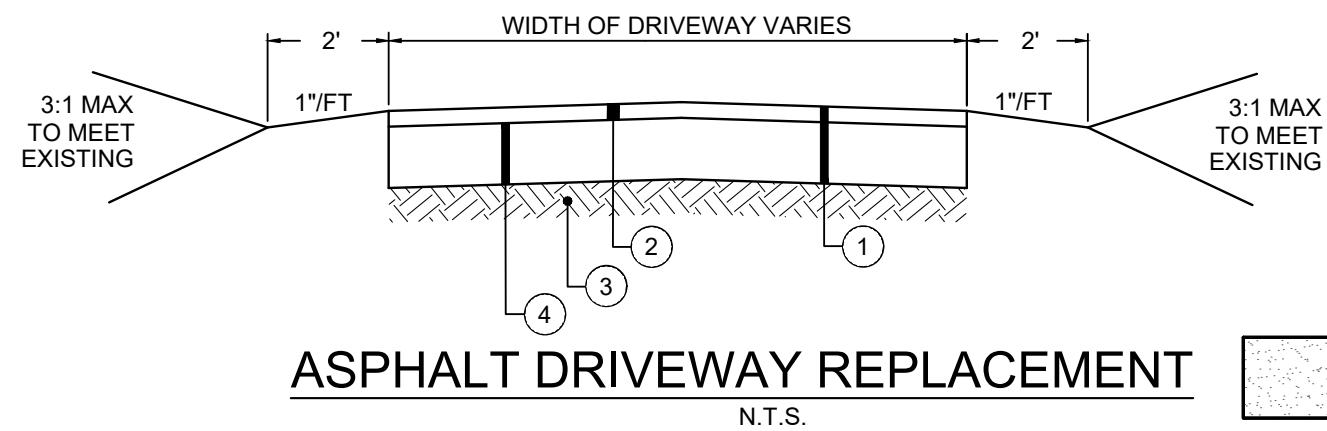
- PIPE BEDDING INSIDE OF STREET SECTION SHALL BE CONTROLLED DENSITY FLOWABLE FILL.
- PIPE BEDDING AND COVER SHALL BE SAND.
- GRANULAR BACKFILL TO BE COMPACTED IN 6" LAYERS WITH MECHANICAL TAMPER.
- THIS STANDARD APPLIES TO ALL UTILITY TRENCHES WITHIN EXISTING STREETS.



REVISIONS	
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BACKFILL REQUIREMENTS FOR EXISTING STREETS

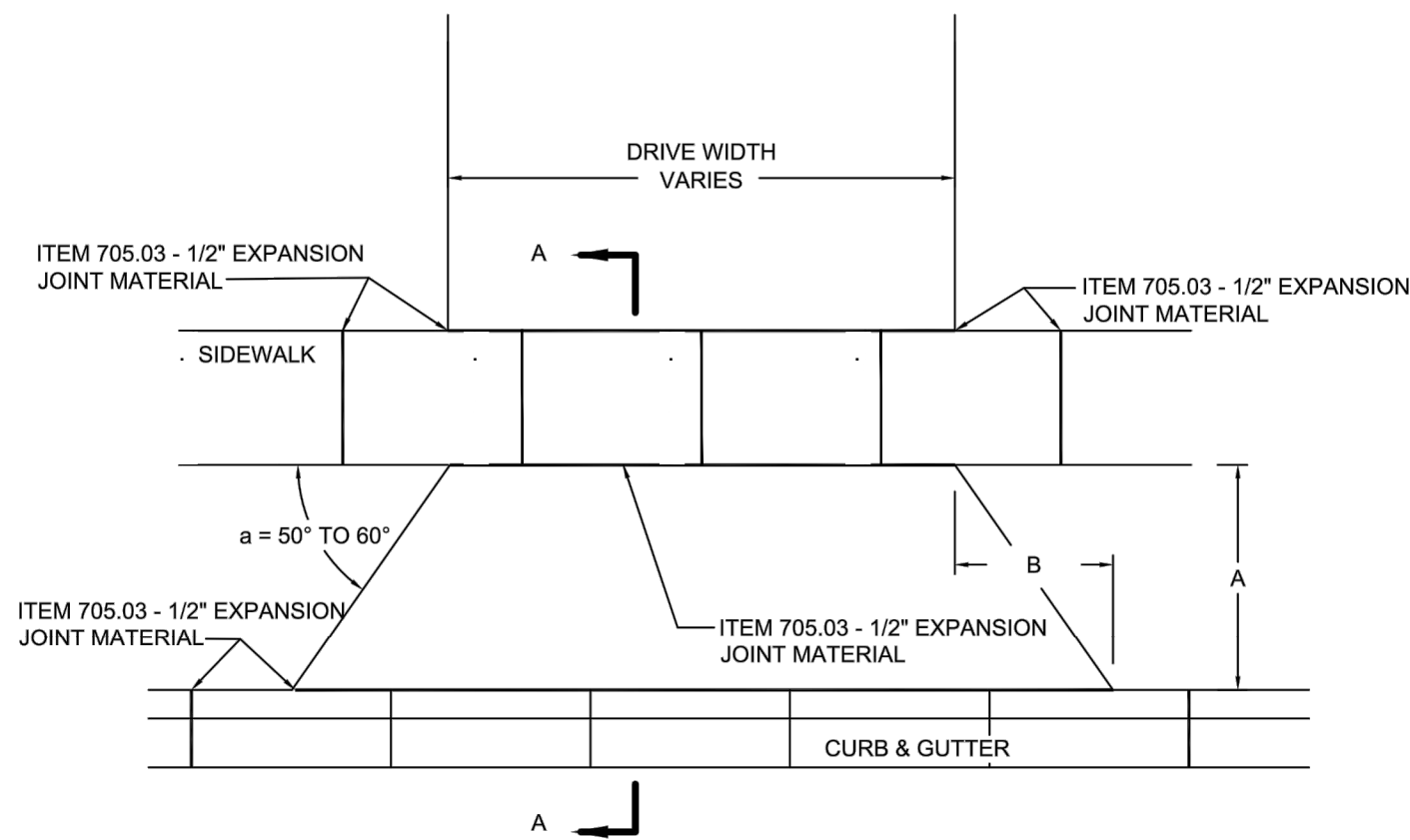
DWG NO.
400-5



ASPHALT DRIVEWAY REPLACEMENT

N.T.S.

- SAWCUT AND REMOVE EXISTING DRIVEWAY. (COST SHALL BE INCIDENTAL TO THE ASPHALT DRIVE REPLACEMENT)
- ITEM 402/403 - 1.5" ASPHALT CONCRETE SURFACE COURSE.
- ITEM 207 - SUBGRADE, RESHAPING AND COMPACTING (INCIDENTAL TO ASPHALT DRIVE REPLACEMENT)
- ITEM 402/403 - 6" ASPHALT CONCRETE BASE COURSE- RESIDENTIAL DRIVE



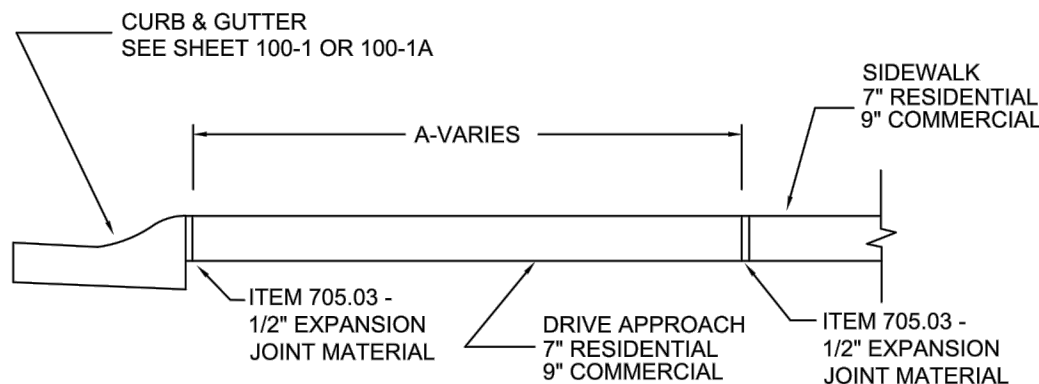
PLAN VIEW

VALUES OF DIMENSION B

a \ B	3	4	5	6	7	8	9	10
50"	2.5	3.4	4.2	5.0	5.9	6.7	7.6	8.4
60"	1.7	2.3	2.9	3.5	4.0	4.6	5.2	5.8

STANDARD DRIVE APPROACH

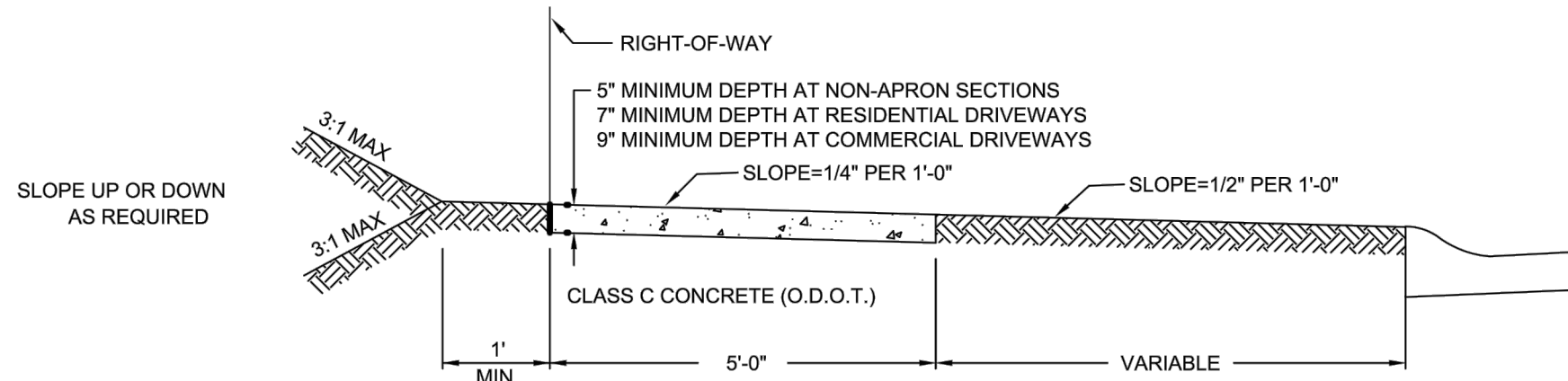
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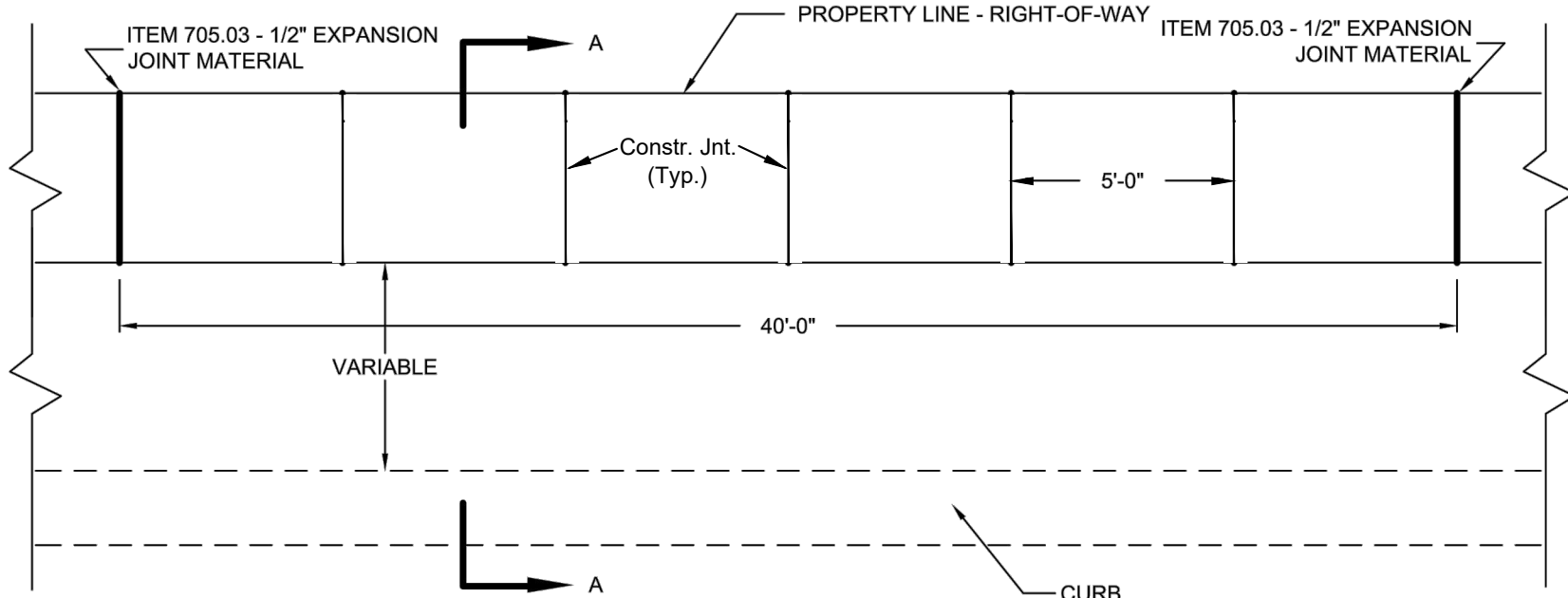
SECTION A-A

GENERAL NOTES

- DRIVEWAY SURFACING SHALL BE CONCRETE, ASPHALT OR PAVERS.
- DRIVE APPROACHES SHALL NOT BE POURED MONOLITHICALLY WITH CURB AND GUTTER.
- MAXIMUM JOINT SPACING SHALL BE TWELVE (12) FEET LONGITUDINALLY AND TRANSVERSELY.
- COMPACTED GRAVEL MAY BE USED FOR LEVELING COURSE UNDER CONCRETE DRIVE APPROACH.
- WHERE CURB HAS NOT BEEN PREVIOUSLY DEPRESSED, IT SHALL BE ENTIRELY REMOVED AND REPLACED AS SHOWN IN PLAN.
- WHERE ASPHALTIC CONCRETE PAVEMENT IS DISTURBED THE ASPHALT SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
- WHERE SIDEWALK EXISTS PRIOR TO CONSTRUCTION OF DRIVE APPROACH, THE REPLACEMENT OF THE SIDEWALK IS REQUIRED. EXCEPTION TO REPLACEMENT IS WHEN EXISTING SIDEWALK IS IN GOOD CONDITION AND IS SAME THICKNESS AS PLANNED DRIVE APPROACH.
- ANY VARIATION FROM THE ABOVE STANDARD MUST BE APPROVED BY THE ENGINEER.
- ALL CONCRETE FOR CURB AND GUTTER, SIDEWALK, AND DRIVE APPROACH SHALL MEET THE REQUIREMENTS SET FORTH IN ITEM 609 (ODOT SPECS.).
- FOR DRIVES IN CUL-DE-SACS, SEE STANDARD DRAWING 100-8.



SECTION A-A



PLAN VIEW

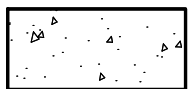
NOTE:

- PROVIDE LIGHT BROOM FINISH TO ALL EXPOSED SURFACES
- CONCRETE SHALL CONFORM TO ODOT ITEM 608



REVISIONS	
3/28/2025	REVISION TO CITY STANDARD DETAILS

RESIDENTIAL AND LIGHT COMMERCIAL
DRIVEWAY APPROACH DETAIL

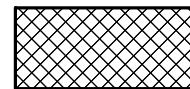


DWG NO.
100-4



REVISIONS	
3/28/2025	REVISION TO CITY STANDARD DETAILS

CONCRETE SIDEWALK DETAILS



DWG NO.
100-6



4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

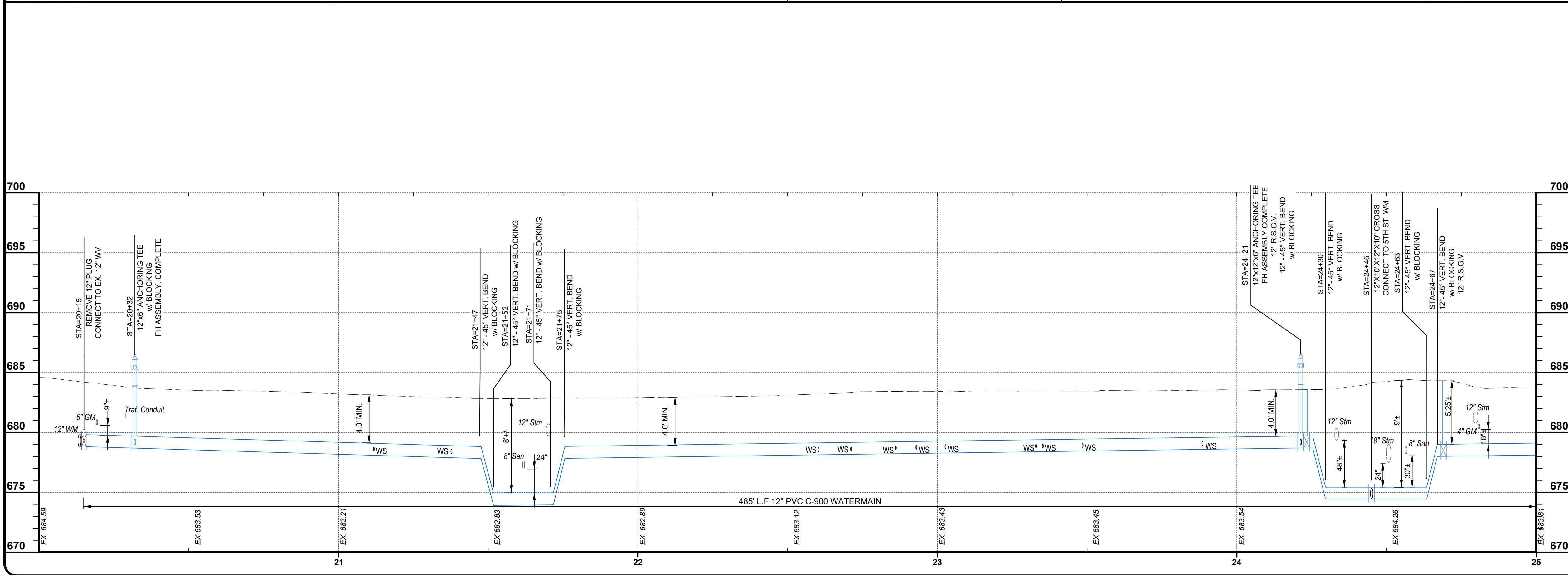
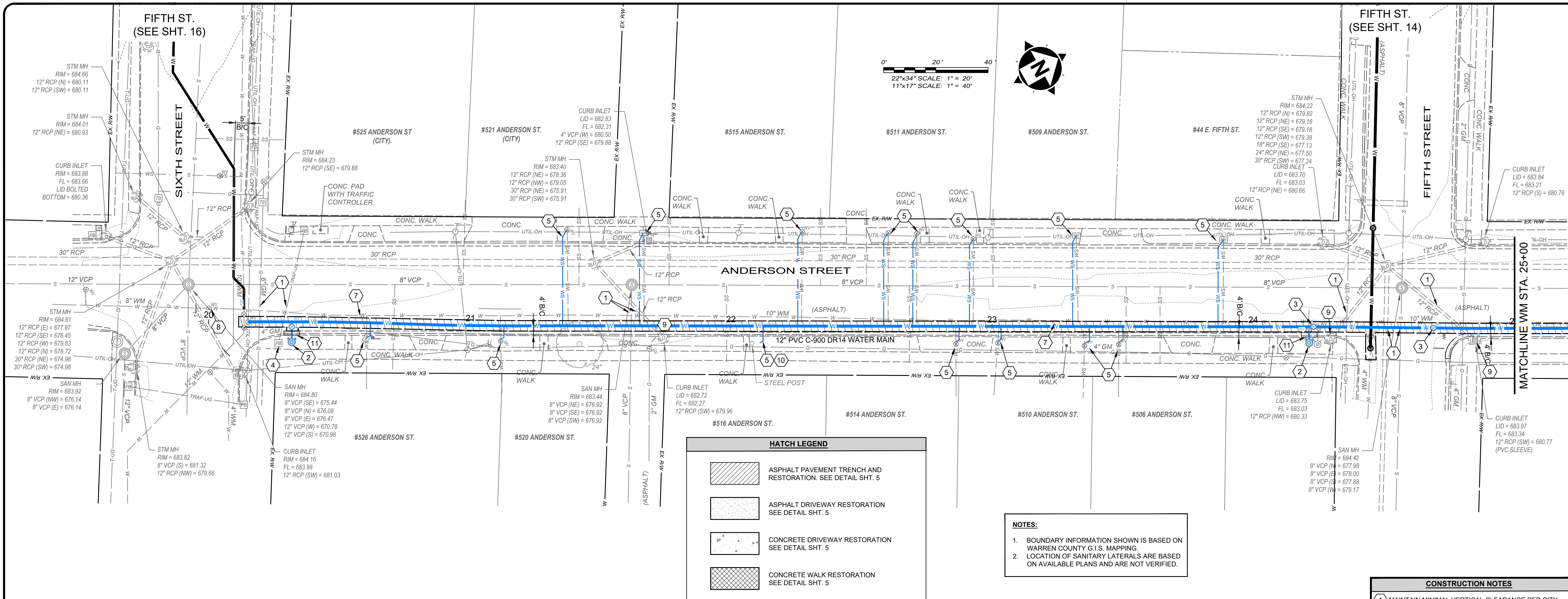
NO	REVIEW	DATE

ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:

FRANKLIN WATER MAIN
IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

DETAIL TITLE

PROJECT NO. 33131	
DISCIPLINE CIVIL	
SHEET NAME DTL-2	
SHEET 5	OF 19



- CONSTRUCTION NOTES**
1. MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
 2. PROPOSED FIRE HYDRANT ASSEMBLY, VALVE AND BLOCKING AS PER CITY OF FRANKLIN WATER DEPT. STANDARDS. COORDINATE LOCATION WITH WATER DEPT INSPECTOR. ANCHOR VALVE TO TEE. REMOVE EXIST. FIRE HYDRANT.
 3. PROPOSED R.S.G.V.
 4. DO NOT DISTURB
 5. REMOVE AND REPLACE SERVICE LINE FROM THE NEW MAIN TO THE EXISTING WATER METER PER CITY OF FRANKLIN STANDARDS. CONSTRUCT NEW ANGLE VALVE (SHUTOFF VALVE) IN METER VAULT AND RECONNECT THE NEW SERVICE TO THE EXISTING WATER METER. REPLACE METER VAULT. SEE DETAIL ON SHEET 4 FOR ADDITIONAL INFORMATION. ALL WORK TO BE INCLUDED IN THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE" (3/4" THROUGH 2").
 6. REMOVE, SALVAGE, AND REINSTALL EXISTING MAILBOX OR SIGN. (INCIDENTAL TO CONTRACT - SEE GENERAL NOTE 22 ON SHEET 3)
 7. PLUG AND ABANDON EXISTING WATER MAIN. INCIDENTAL TO THE OVERALL CONTRACT.
 8. CONNECT TO EXIST. WATER MAIN. ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE".
 9. PROPOSED INLET PROTECTION.
 10. CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICE LOCATION
 11. REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
 12. REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 642 - CROSSWALK LINE
 - ITEM 642 - STOP BAR
 - ITEM 642 - LANE ARROW
 - ITEM 642 - EDGE LINE

4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

DATE	REVISION	NO	ISSUED FOR	REVIEW	SCALE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			SEPT 2025	AS SHOWN		JCOR	JCOR / DGAR	KBRY

FRANKLIN WATER MAIN IMPROVEMENTS

ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH

- CITY OF FRANKLIN, OHIO -

ANDERSON STREET

STA. 20+00 TO STA. 25+00

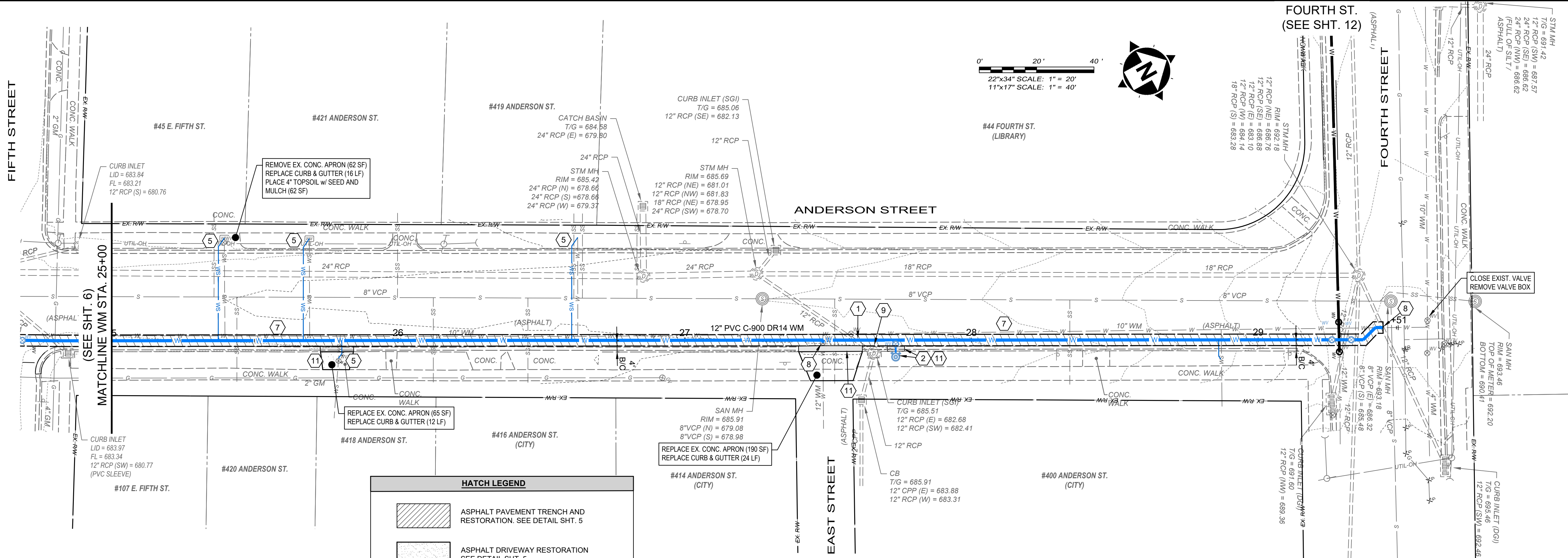
PROJECT NO.	
33131	
DISCIPLINE	
CIVIL	
SHEET NAME	
AND-1	
SHEET	OF
6	19

DATE	REVISION	NO	REVIEW	ISSUED FOR
			SEPT 2025	
			AS SHOWN	
			JCOR	
			JCOR / DGAR	
			KBRY	

**FRANKLIN WATER MAIN
IMPROVEMENTS**
ANDERSON, - RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

ANDERSON STREET
STA. 25+00 TO STA. 29+43

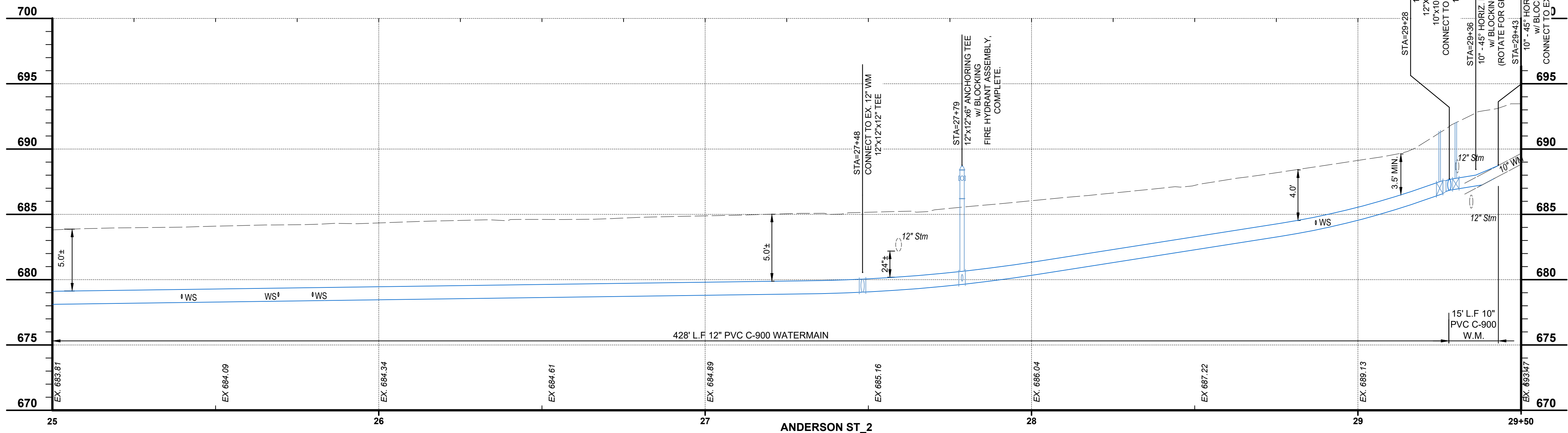
PROJECT NO.	33131
DISCIPLINE	CIVIL
SHEET NAME	AND-2
SHEET	7
OF	19

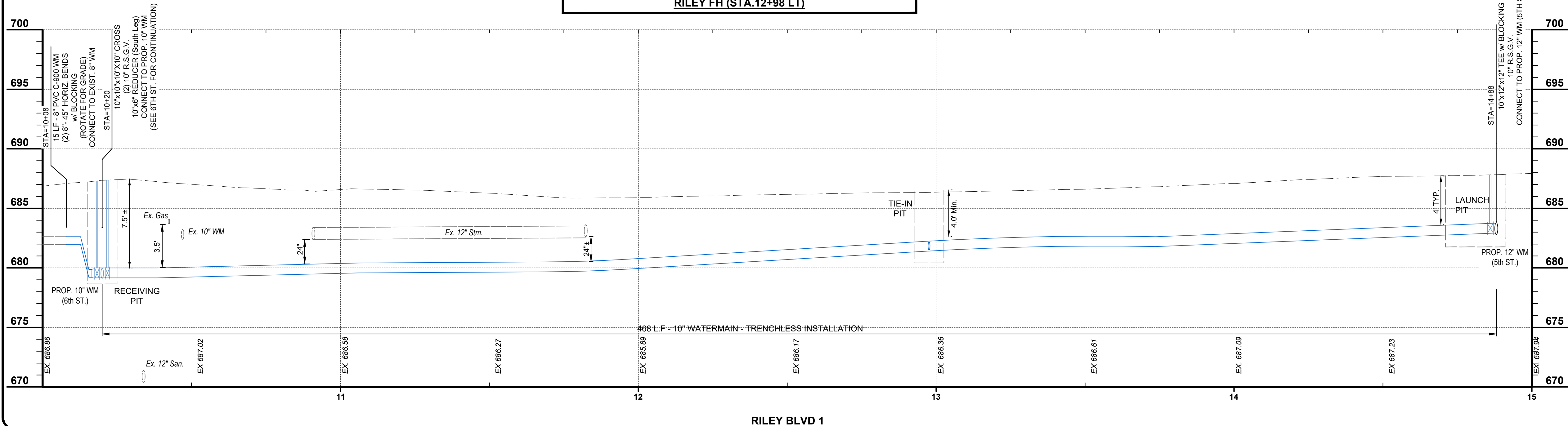
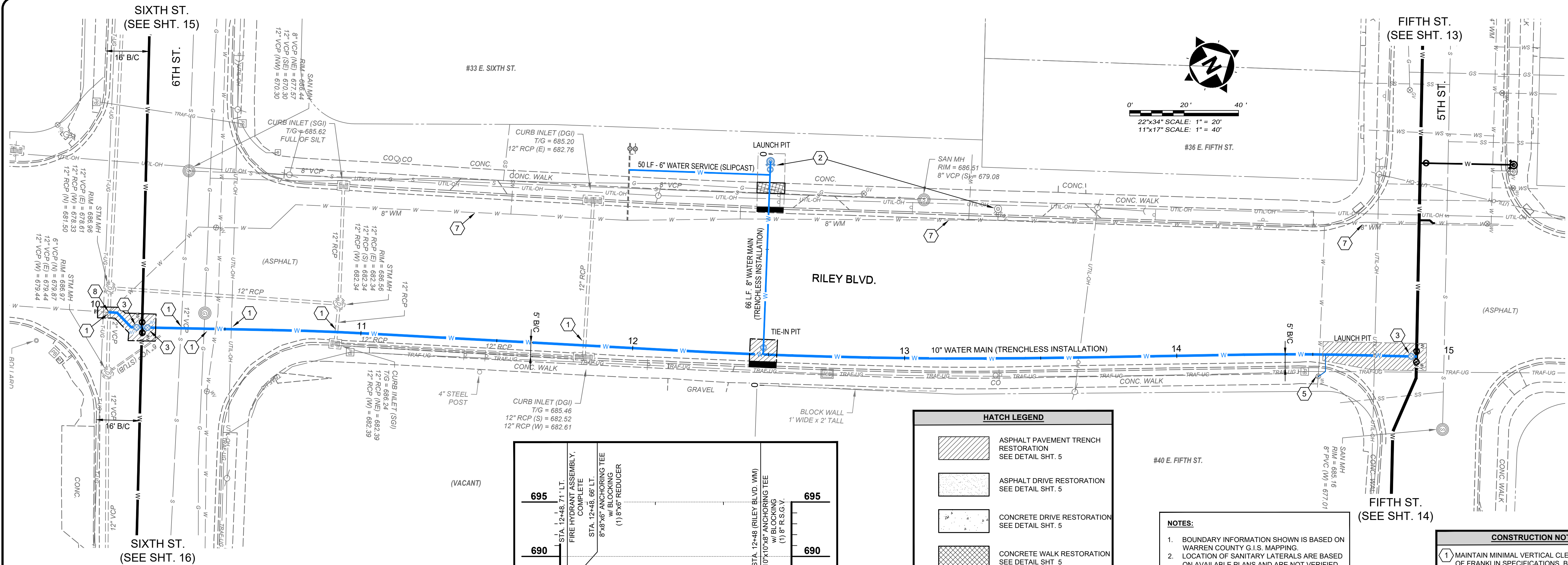


- NOTES:**
1. BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
 2. LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.

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3. PROPOSED R.S.G.V.
4. DO NOT DISTURB
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7. PLUG AND ABANDON EXISTING WATER MAIN. INCIDENTAL TO THE OVERALL CONTRACT.
8. CONNECT TO EXIST. WATER MAIN - ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
9. PROPOSED INLET PROTECTION.
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11. REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
12. REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 642 - CROSSWALK LINE
 - ITEM 642 - STOP BAR
 - ITEM 642 - LANE ARROW
 - ITEM 642 - EDGE LINE





HATCH LEGEND	
	ASPHALT PAVEMENT TRENCH RESTORATION SEE DETAIL SHT. 5
	ASPHALT DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE WALK RESTORATION SEE DETAIL SHT. 5

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 - REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 644 - CROSSWALK LINE
 - ITEM 644 - STOP BAR
 - ITEM 644 - LANE ARROW
 - ITEM 642 - EDGE LINE

4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

NO	REVISION	DATE

ISSUED FOR:	REVIEW:	NO
ISSUE DATE:	SEPT 2025	
SCALE:	AS SHOWN	
DESIGNED BY:	JCOR	
DRAWN BY:	JCOR / DGAR	
CHECKED BY:	KBRY	

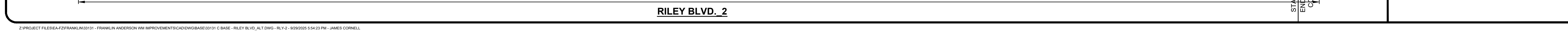
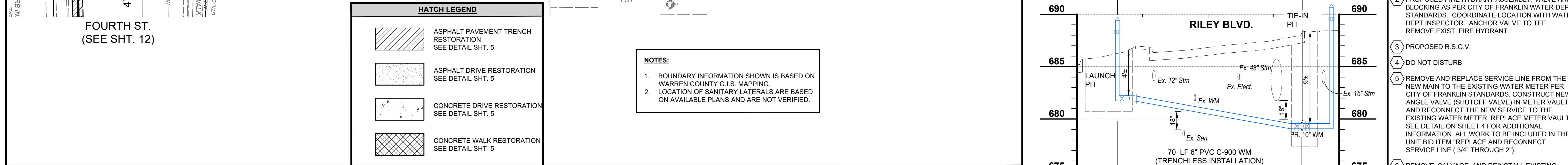
FRANKLIN WATER MAIN IMPROVEMENTS

ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH - CITY OF FRANKLIN, OHIO -

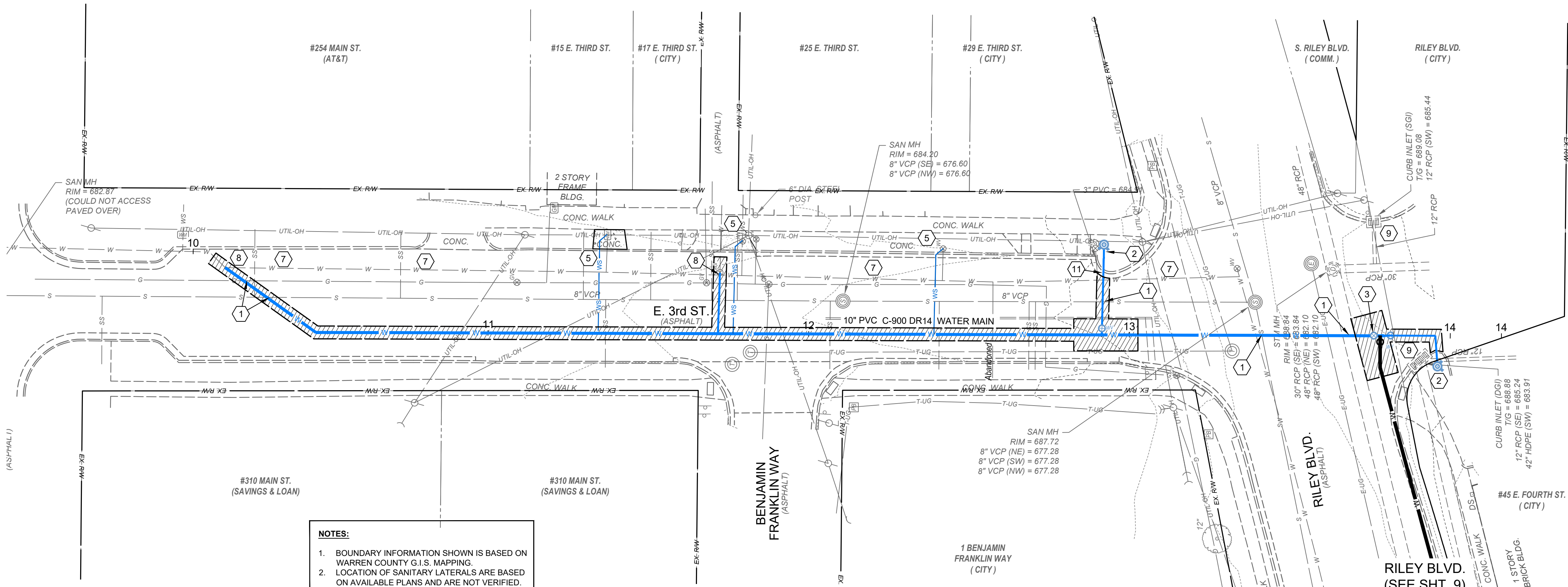
RILEY BOULEVARD

FIFTH TO SIXTH STREET

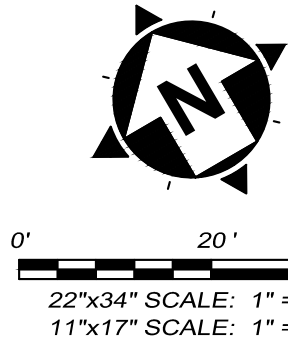
PROJECT NO.	33131
DISCIPLINE	CIVIL
SHEET NAME	RLY-1
SHEET	8
OF	19



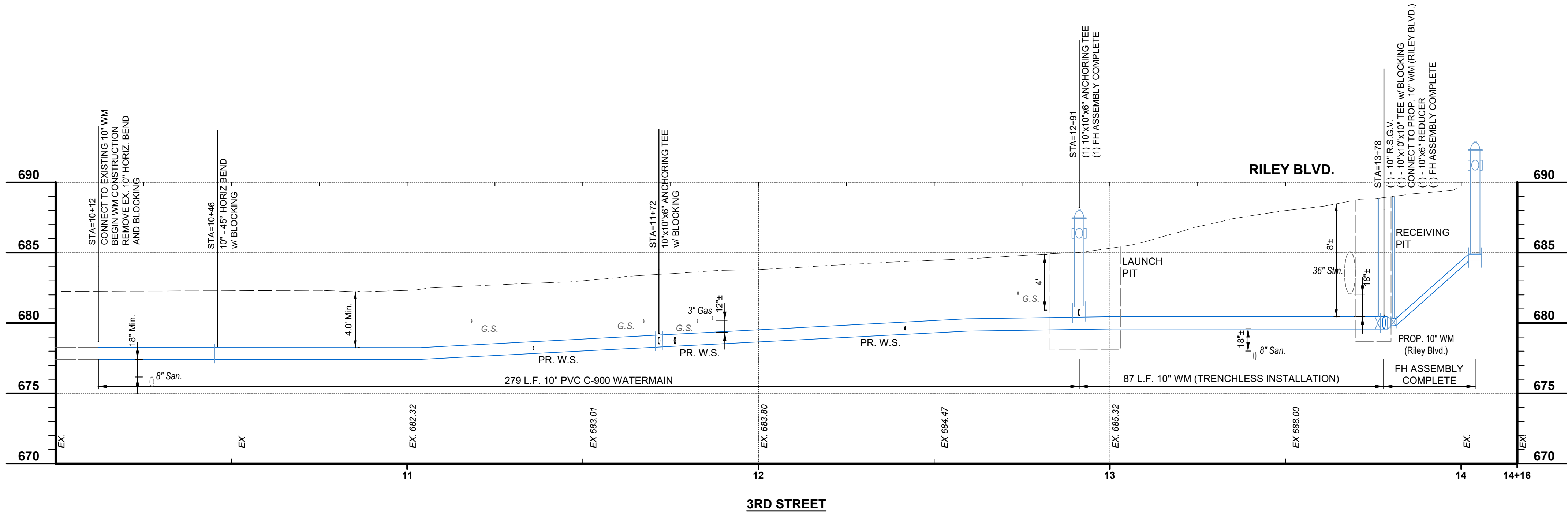
PROJECT NO. 33131		FRANKLIN WATER MAIN IMPROVEMENTS ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH - CITY OF FRANKLIN, OHIO - RILEY BOULEVARD THIRD TO FOURTH STREET		ISSUED FOR:		NO	REVISION	DATE
DISCIPLINE CIVIL				ISSUE DATE: SEPT 2025				
SHEET NAME RILEY-2				SCALE: AS SHOWN				
SHEET 9				DESIGNED BY: JCOR				
OF 19				DRAWN BY: JCOR / DGAR				
		CHECKED BY:	KBRV					
4420 COOPER ROAD, SUITE 200 BLUE ASH, OHIO 45242 TEL: (613) 791-1700 WWW.VERDANTAS.COM 								



- NOTES:
- BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
 - LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.



- CONSTRUCTION NOTES**
- MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
 - PROPOSED FIRE HYDRANT ASSEMBLY, VALVE AND BLOCKING AS PER CITY OF FRANKLIN WATER DEPT. STANDARDS. COORDINATE LOCATION WITH WATER DEPT INSPECTOR. ANCHOR VALVE TO TEE. REMOVE EXIST. FIRE HYDRANT.
 - PROPOSED R.S.G.V.
 - DO NOT DISTURB
 - REMOVE AND REPLACE SERVICE LINE FROM THE NEW MAIN TO THE EXISTING WATER METER PER CITY OF FRANKLIN STANDARDS. CONSTRUCT NEW ANGLE VALVE (SHUTOFF VALVE) IN METER VAULT AND RECONNECT THE NEW SERVICE TO THE EXISTING WATER METER. REPLACE METER VAULT. SEE DETAIL ON SHEET 4 FOR ADDITIONAL INFORMATION. ALL WORK TO BE INCLUDED IN THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE (3/4" THROUGH 2").
 - REMOVE, SALVAGE, AND REINSTALL EXISTING MAIL BOX OR SIGN. (INCIDENTAL TO CONTRACT - SEE GENERAL NOTE 22 ON SHEET 3)
 - PLUG AND ABANDON EXISTING WATER MAIN. INCIDENTAL TO THE OVERALL CONTRACT.
 - CONNECT TO EXIST. WATER MAIN. ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
 - PROPOSED INLET PROTECTION.
 - CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICE LOCATION
 - REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
 - REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 644 - CROSSWALK LINE
 - ITEM 644 - STOP BAR
 - ITEM 644 - LANE ARROW
 - ITEM 642 - EDGE LINE



HATCH LEGEND	
	ASPHALT PAVEMENT TRENCH RESTORATION SEE DETAIL SHT. 5
	ASPHALT DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE WALK RESTORATION SEE DETAIL SHT. 5

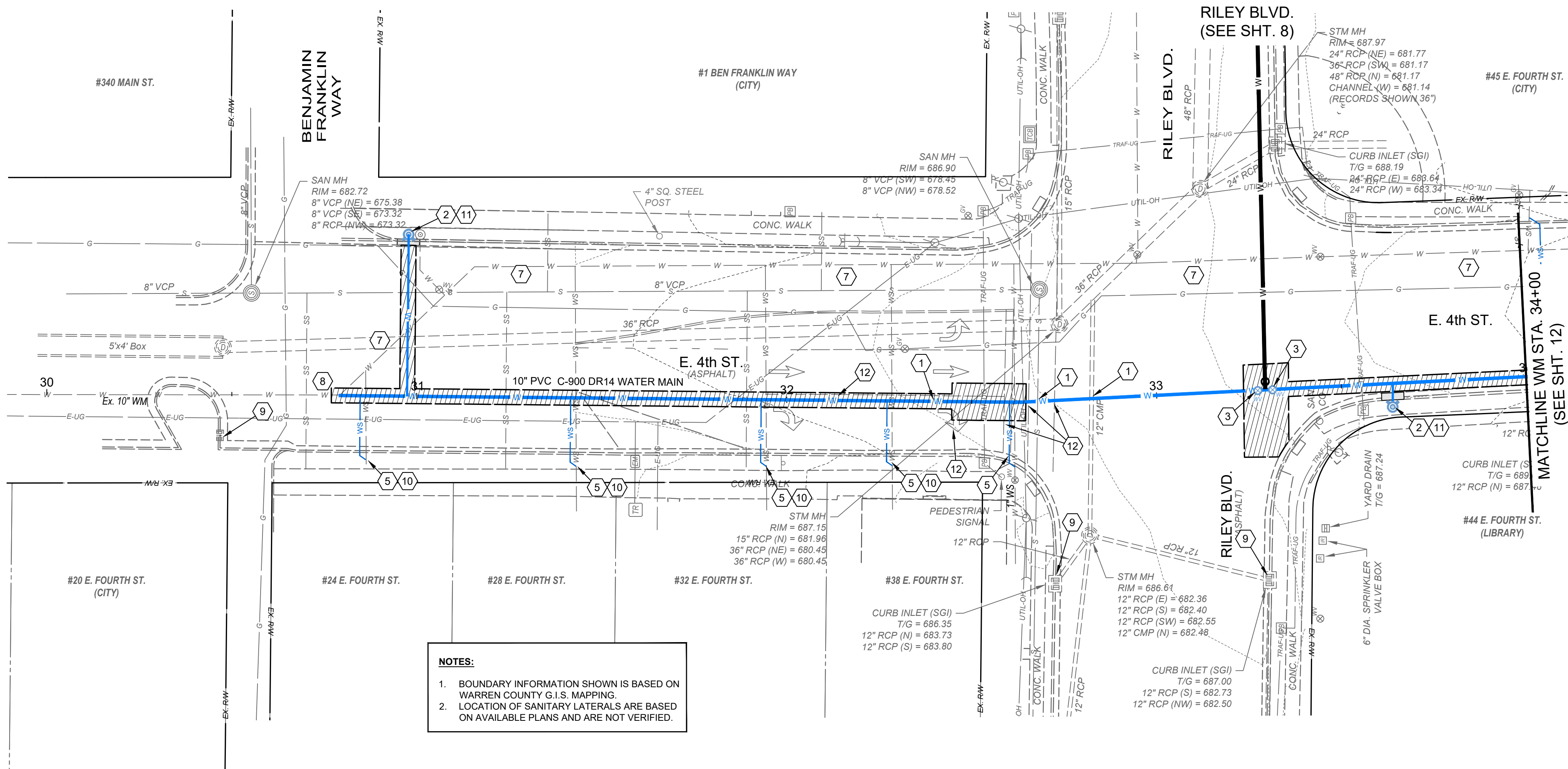
4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM

ISSUED FOR:	REVIEW	NO	REVISION	DATE
	SEPT 2025			
ISSUE DATE:	AS SHOWN			
SCALE:	JCOR			
DESIGNED BY:	JCOR / DGAR			
DRAWN BY:	JCOR / DGAR			
CHECKED BY:	KBRY			

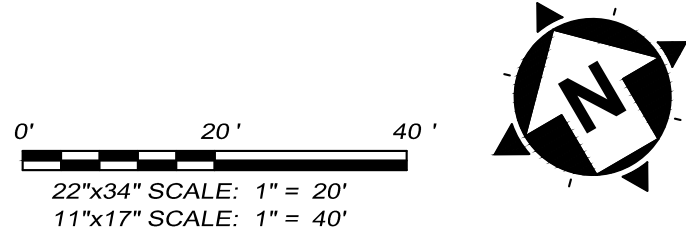
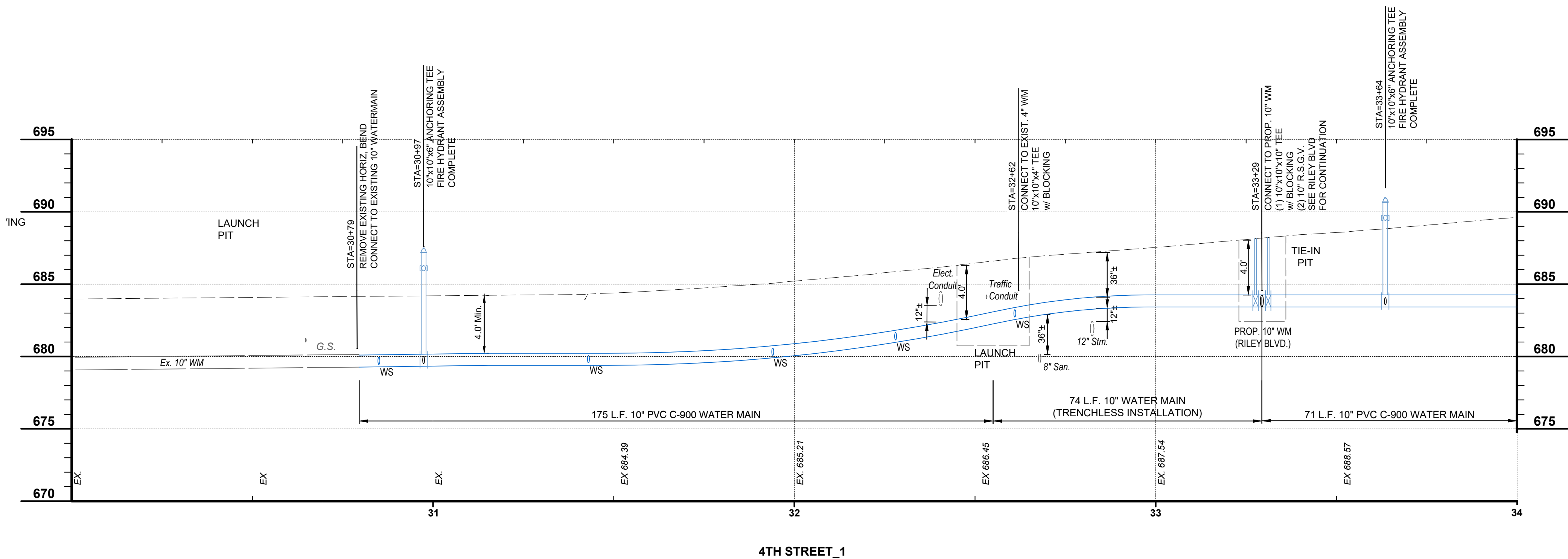
FRANKLIN WATER MAIN IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

3RD STREET

PROJECT NO.	
33131	
DISCIPLINE	
CIVIL	
SHEET NAME	
3RD-1	
SHEET	OF
10	19



- NOTES:**
- BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
 - LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.



CONSTRUCTION NOTES

- MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
- PROPOSED FIRE HYDRANT ASSEMBLY, VALVE AND BLOCKING AS PER CITY OF FRANKLIN WATER DEPT. STANDARDS. COORDINATE LOCATION WITH WATER DEPT INSPECTOR. ANCHOR VALVE TO TEE. REMOVE EXIST. FIRE HYDRANT.
- PROPOSED R.S.G.V.
- DO NOT DISTURB
- REMOVE AND REPLACE SERVICE LINE FROM THE NEW MAIN TO THE EXISTING WATER METER PER CITY OF FRANKLIN STANDARDS. CONSTRUCT NEW ANGLE VALVE (SHUTOFF VALVE) IN METER VAULT AND RECONNECT THE NEW SERVICE TO THE EXISTING WATER METER. REPLACE METER VAULT. SEE DETAIL ON SHEET 4 FOR ADDITIONAL INFORMATION. ALL WORK TO BE INCLUDED IN THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE (3/4" THROUGH 2")
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- CONNECT TO EXIST. WATER MAIN. ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
- PROPOSED INLET PROTECTION.
- CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICE LOCATION
- REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
- REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 644 - CROSSWALK LINE
 - ITEM 644 - STOP BAR
 - ITEM 644 - LANE ARROW
 - ITEM 642 - EDGE LINE

HATCH LEGEND

- | | |
|--|--|
| | ASPHALT PAVEMENT TRENCH RESTORATION
SEE DETAIL SHT. 5 |
| | ASPHALT DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE WALK RESTORATION
SEE DETAIL SHT. 5 |

FRANKLIN WATER MAIN

IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

4TH STREET
STA: 30+00 TO 34+00

PROJECT NO.
33131

DISCIPLINE
CIVIL

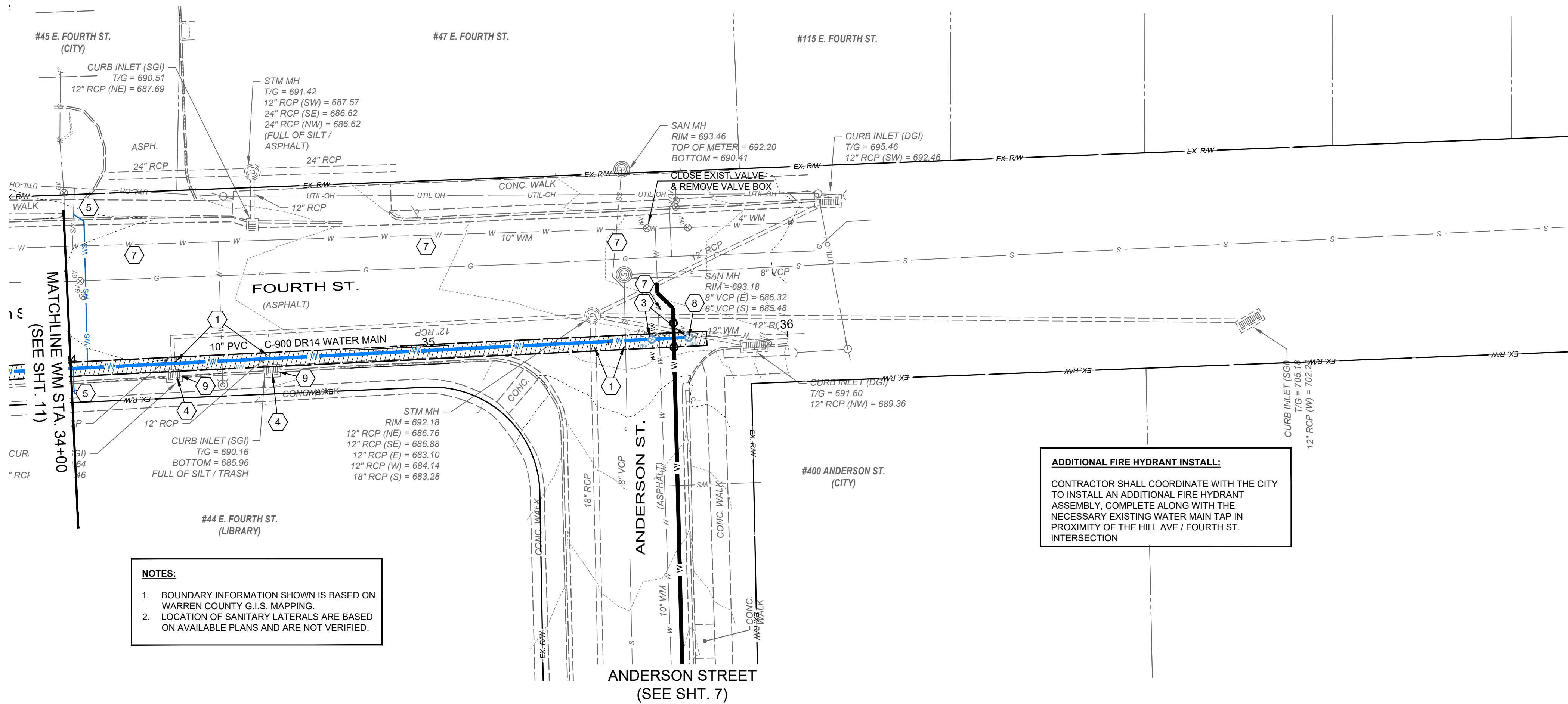
SHEET NAME
4TH-1

SHEET
11

OF
19

verdantas

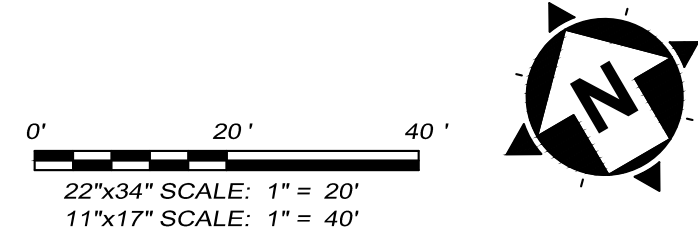
4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL: (613) 791-1700
WWW.VERDANTAS.COM



- NOTES:**
- BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
 - LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.

ADDITIONAL FIRE HYDRANT INSTALL:

CONTRACTOR SHALL COORDINATE WITH THE CITY TO INSTALL AN ADDITIONAL FIRE HYDRANT ASSEMBLY, COMPLETE ALONG WITH THE NECESSARY EXISTING WATER MAIN TAP IN PROXIMITY OF THE HILL AVE / FOURTH ST. INTERSECTION

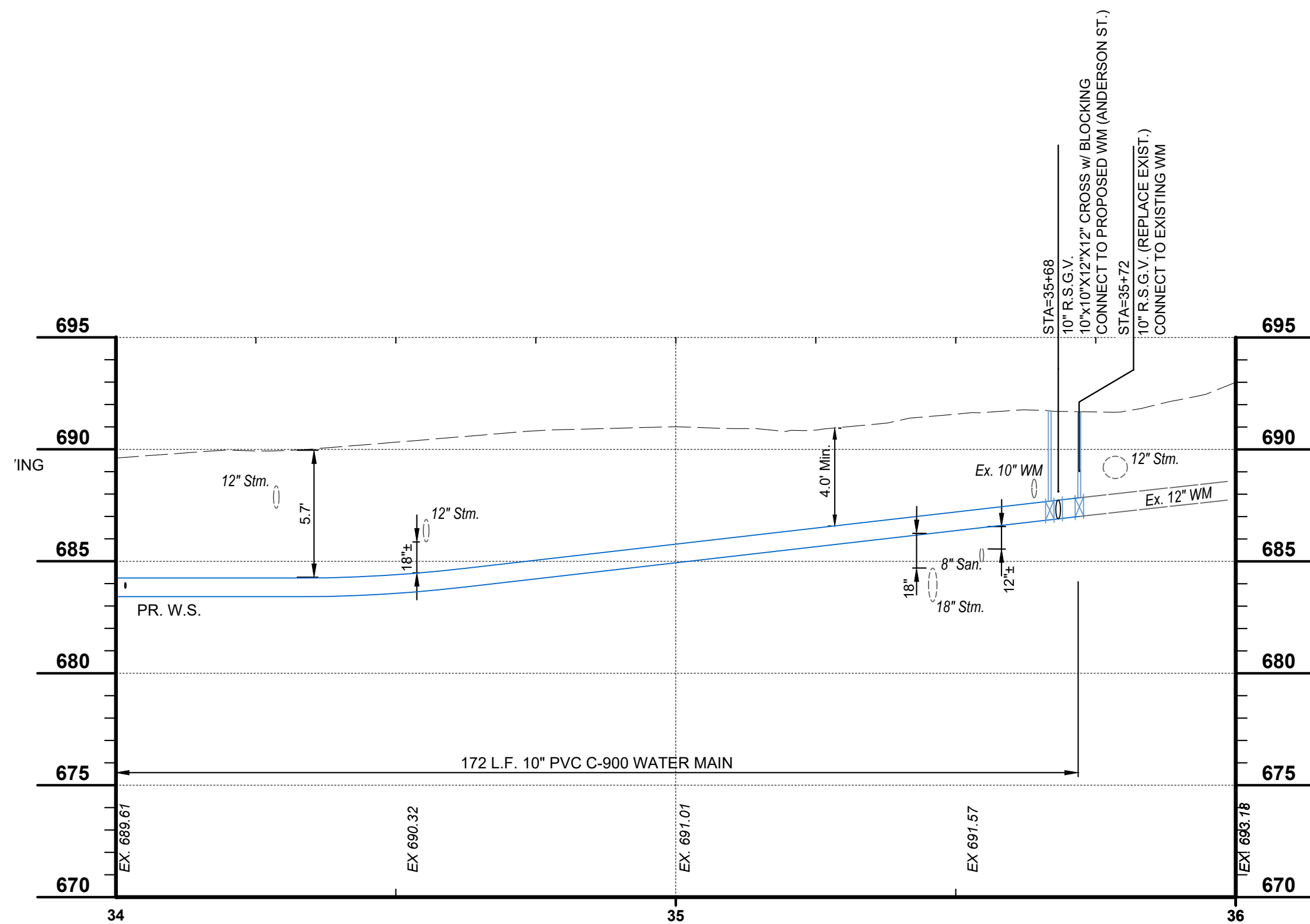


CONSTRUCTION NOTES

- MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
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- PROPOSED R.S.G.V.
- DO NOT DISTURB
- REMOVE AND REPLACE SERVICE LINE FROM THE NEW MAIN TO THE EXISTING WATER METER PER CITY OF FRANKLIN STANDARDS. CONSTRUCT NEW ANGLE VALVE (SHUTOFF VALVE) IN METER VAULT AND RECONNECT THE NEW SERVICE TO THE EXISTING WATER METER. REPLACE METER VAULT. SEE DETAIL ON SHEET 4 FOR ADDITIONAL INFORMATION. ALL WORK TO BE INCLUDED IN THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE (3/4" THROUGH 2")
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- CONNECT TO EXIST. WATER MAIN. ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
- PROPOSED INLET PROTECTION.
- CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICE LOCATION
- REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
- REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL YELLOW CENTER LINE
 - ITEM 644 - CROSSWALK LINE
 - ITEM 644 - STOP BAR
 - ITEM 644 - LANE ARROW
 - ITEM 642 - EDGE LINE

HATCH LEGEND

- | | |
|--|--|
| | ASPHALT PAVEMENT TRENCH RESTORATION
SEE DETAIL SHT. 5 |
| | ASPHALT DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE WALK RESTORATION
SEE DETAIL SHT. 5 |



4TH STREET_2

FRANKLIN WATER MAIN

IMPROVEMENTS

ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

4TH STREET
STA. 34+00 TO STA. 35+72

PROJECT NO.

33131

DISCIPLINE

CIVIL

SHEET NAME

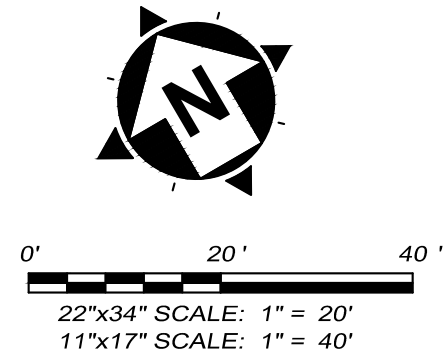
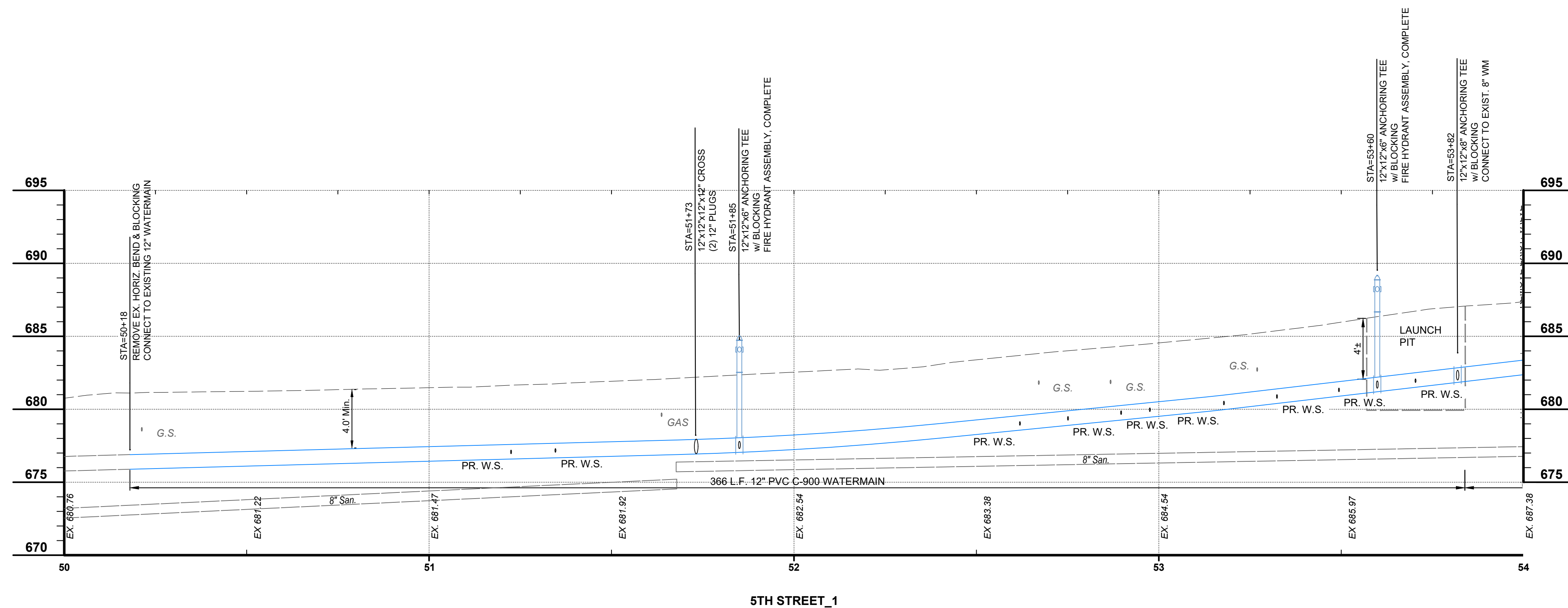
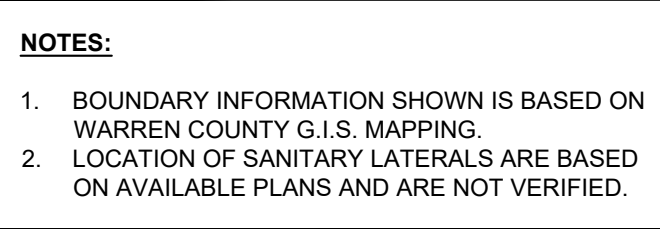
4TH-2

SHEET

12

OF

19



CONSTRUCTION NOTES

- 1 MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
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- 8 CONNECT TO EXIST. WATER MAIN - ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
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 - ITEM 644 - CROSSWALK LINE
 - ITEM 644 - STOP BAR
 - ITEM 642 - LANE ARROW
 - ITEM 642 - EDGE LINE

HATCH LEGEND

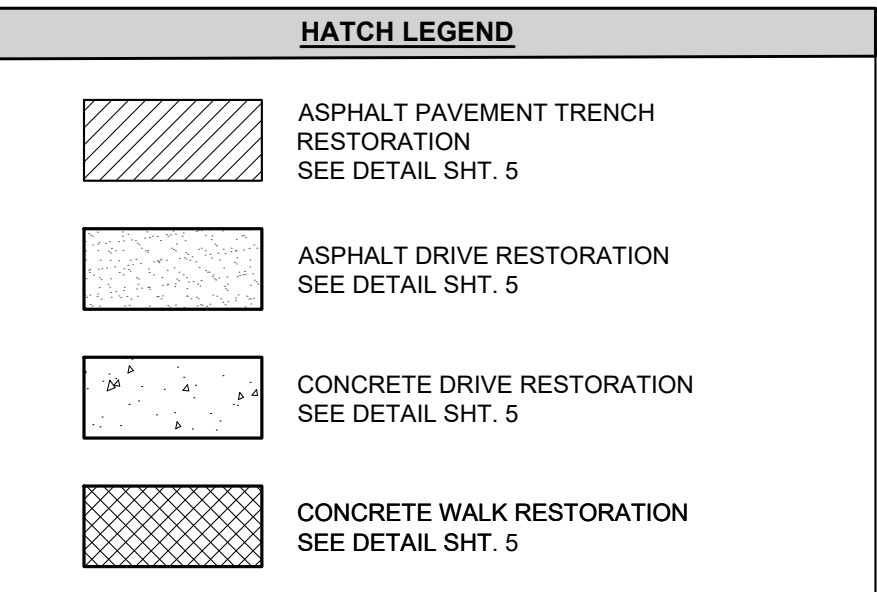
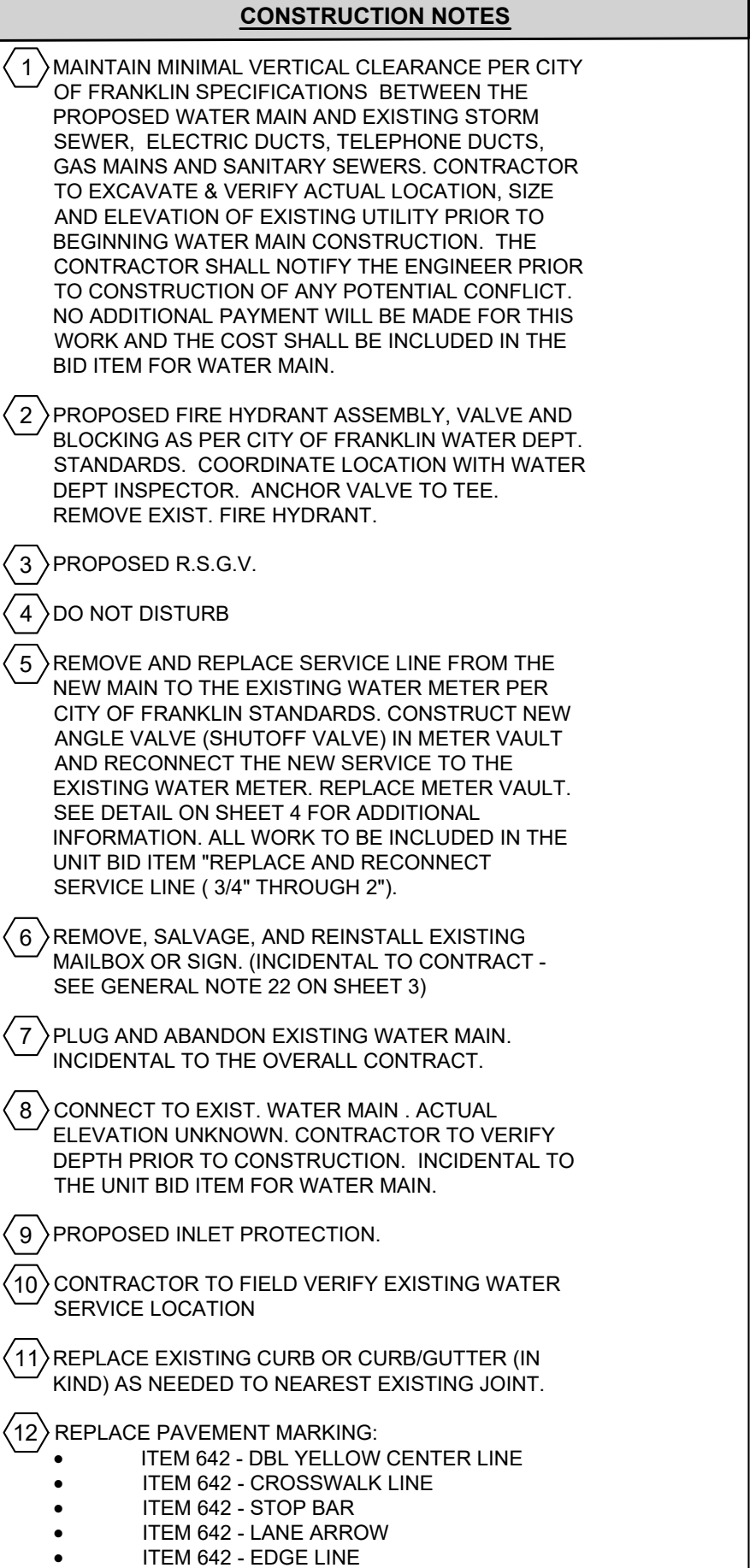
	ASPHALT PAVEMENT TRENCH RESTORATION SEE DETAIL SHT. 5
	ASPHALT DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE WALK RESTORATION SEE DETAIL SHT. 5

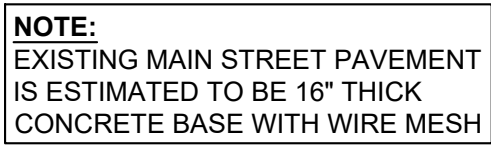
FRANKLIN WATER MAIN IMPROVEMENTS

**FRANKLIN WATER MAIN
IMPROVEMENTS**
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH

5TH STREET
STA: 50+00 TO STA: 54+00

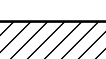
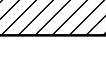
PROJECT NO.	
33131	
DISCIPLINE	
CIVIL	
SHEET NAME	
5TH-1	
SHEET	OF
13	19





- 1 MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
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- 9 PROPOSED INLET PROTECTION.
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- 11 REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
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 - ITEM 642 - CROSSWALK LINE
 - ITEM 642 - STOP BAR
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 - ITEM 642 - EDGE LINE



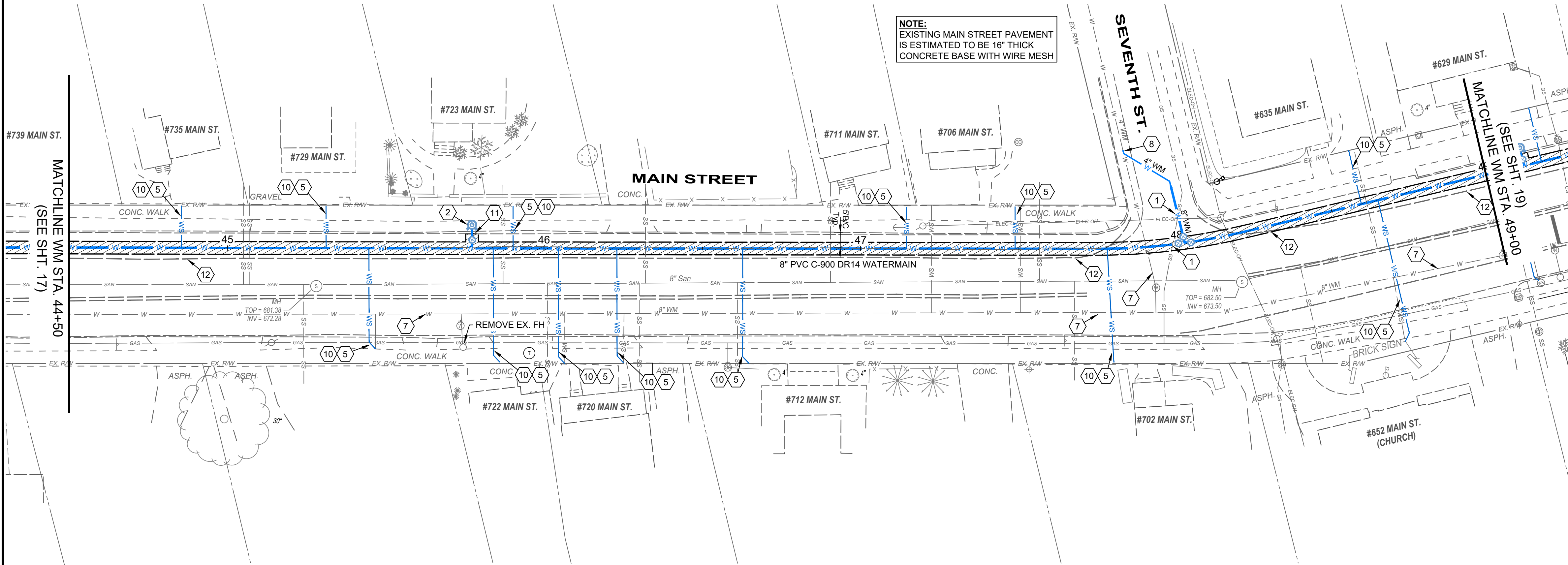
<u>HATCH LEGEND</u>	
	ASPHALT PAVEMENT TRENCH RESTORATION SEE DETAIL SHT. 5
	ASPHALT DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE DRIVE RESTORATION SEE DETAIL SHT. 5
	CONCRETE WALK RESTORATION SEE DETAIL SHT. 5

**FRANKLIN WATER MAIN
IMPROVEMENTS**
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

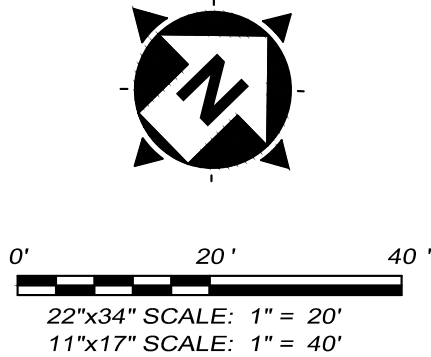
MAIN STREET
STA. 40+00 TO STA. 44+50

verdantas

4420 COOPER ROAD, SUITE 200
BLUE ASH, OHIO 45242
TEL. (513) 791-1700
WWW.VERDANTAS.COM



NOTE:
EXISTING MAIN STREET PAVEMENT
IS ESTIMATED TO BE 16\"/>

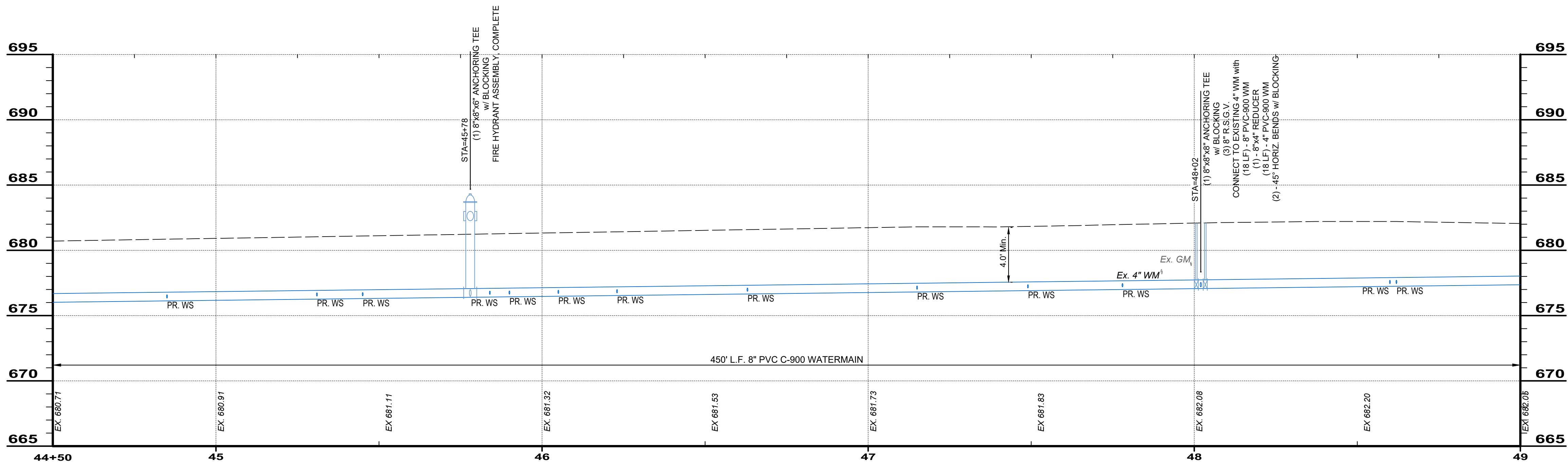


CONSTRUCTION NOTES

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- 4 DO NOT DISTURB
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 - ITEM 642 - CROSSWALK LINE
 - ITEM 642 - STOP BAR
 - ITEM 642 - LANE ARROW
 - ITEM 642 - EDGE LINE

NOTES:

1. TOPOGRAPHIC INFORMATION SHOWN ON THIS SHEET IS BASED UPON A SURVEY COMPLETED BY **KLEINGERS GROUP**.
2. BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
3. LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.



HATCH LEGEND

- ASPHALT PAVEMENT TRENCH RESTORATION SEE DETAIL SHT. 5
- ASPHALT DRIVE RESTORATION SEE DETAIL SHT. 5
- CONCRETE DRIVE RESTORATION SEE DETAIL SHT. 5
- CONCRETE WALK RESTORATION SEE DETAIL SHT. 5

FRANKLIN WATER MAIN

IMPROVEMENTS

ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

MAIN STREET

STA. 44+50 TO STA. 49+00

PROJECT NO.

33131

DISCIPLINE

CIVIL

SHEET NAME

MAIN_2

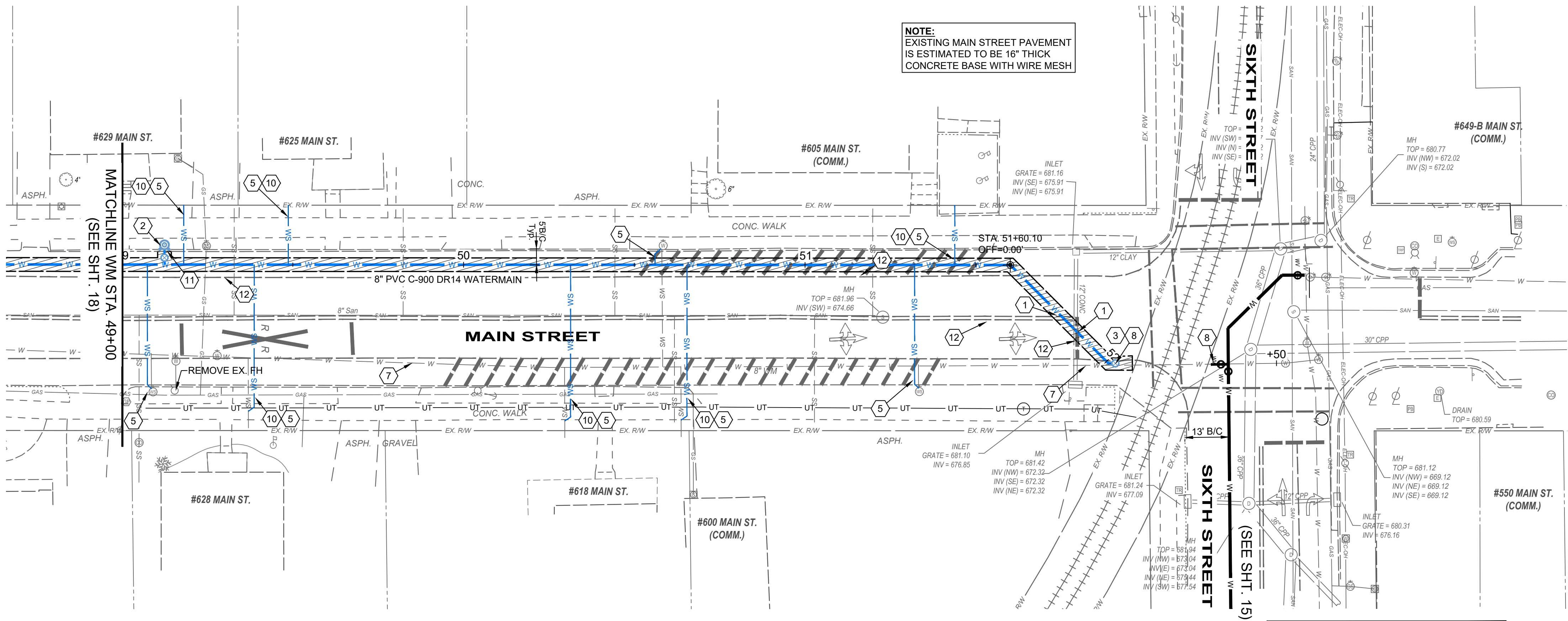
SHEET

18

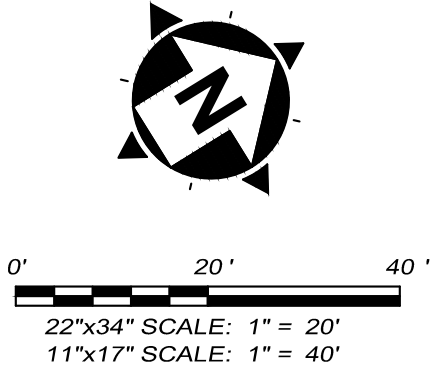
OF

19

NOTE:
EXISTING MAIN STREET PAVEMENT
IS ESTIMATED TO BE 16" THICK
CONCRETE BASE WITH WIRE MESH



- NOTES:
1. TOPOGRAPHIC INFORMATION SHOWN ON THIS SHEET IS BASED UPON A SURVEY COMPLETED BY KLEINGERS GROUP.
 2. BOUNDARY INFORMATION SHOWN IS BASED ON WARREN COUNTY G.I.S. MAPPING.
 3. LOCATION OF SANITARY LATERALS ARE BASED ON AVAILABLE PLANS AND ARE NOT VERIFIED.

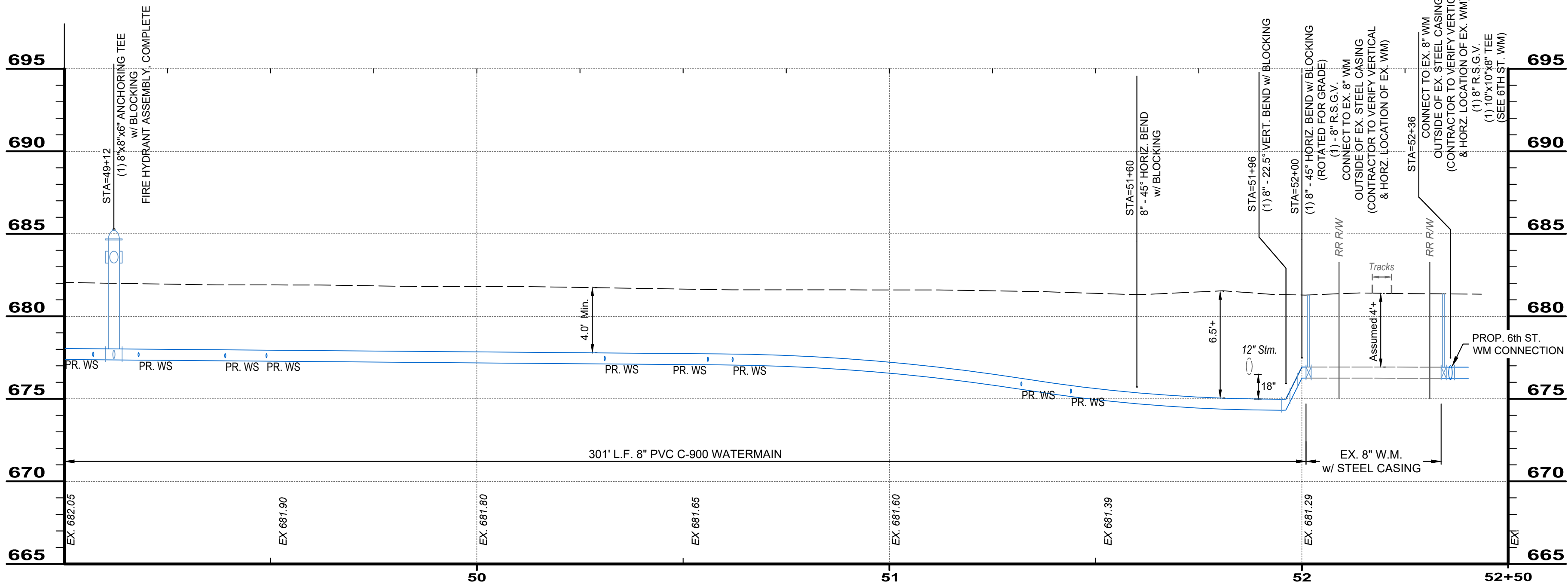


CONSTRUCTION NOTES

- 1 MAINTAIN MINIMAL VERTICAL CLEARANCE PER CITY OF FRANKLIN SPECIFICATIONS BETWEEN THE PROPOSED WATER MAIN AND EXISTING STORM SEWER, ELECTRIC DUCTS, TELEPHONE DUCTS, GAS MAINS AND SANITARY SEWERS. CONTRACTOR TO EXCAVATE & VERIFY ACTUAL LOCATION, SIZE AND ELEVATION OF EXISTING UTILITY PRIOR TO BEGINNING WATER MAIN CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF ANY POTENTIAL CONFLICT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THE COST SHALL BE INCLUDED IN THE BID ITEM FOR WATER MAIN.
- 2 PROPOSED FIRE HYDRANT ASSEMBLY, VALVE AND BLOCKING AS PER CITY OF FRANKLIN WATER DEPT. STANDARDS. COORDINATE LOCATION WITH WATER DEPT INSPECTOR. ANCHOR VALVE TO TEE. REMOVE EXIST. FIRE HYDRANT.
- 3 PROPOSED R.S.G.V.
- 4 DO NOT DISTURB
- 5 REMOVE AND REPLACE SERVICE LINE FROM THE NEW MAIN TO THE EXISTING WATER METER PER CITY OF FRANKLIN STANDARDS. CONSTRUCT NEW ANGLE VALVE (SHUTOFF VALVE) IN METER VAULT AND RECONNECT THE NEW SERVICE TO THE EXISTING WATER METER. REPLACE METER VAULT. SEE DETAIL ON SHEET 4 FOR ADDITIONAL INFORMATION. ALL WORK TO BE INCLUDED IN THE UNIT BID ITEM "REPLACE AND RECONNECT SERVICE LINE (3/4" THROUGH 2").
- 6 REMOVE, SALVAGE, AND REINSTALL EXISTING MAILBOX OR SIGN. (INCIDENTAL TO CONTRACT - SEE GENERAL NOTE 22 ON SHEET 3)
- 7 PLUG AND ABANDON EXISTING WATER MAIN. INCIDENTAL TO THE OVERALL CONTRACT.
- 8 CONNECT TO EXIST. WATER MAIN. ACTUAL ELEVATION UNKNOWN. CONTRACTOR TO VERIFY DEPTH PRIOR TO CONSTRUCTION. INCIDENTAL TO THE UNIT BID ITEM FOR WATER MAIN.
- 9 PROPOSED INLET PROTECTION.
- 10 CONTRACTOR TO FIELD VERIFY EXISTING WATER SERVICE LOCATION
- 11 REPLACE EXISTING CURB OR CURB/GUTTER (IN KIND) AS NEEDED TO NEAREST EXISTING JOINT.
- 12 REPLACE PAVEMENT MARKING:
 - ITEM 642 - DBL. YELLOW CENTER LINE
 - ITEM 642 - CROSSWALK LINE
 - ITEM 642 - STOP BAR
 - ITEM 642 - LANE ARROW
 - ITEM 642 - EDGE LINE

HATCH LEGEND

- | | |
|--|--|
| | ASPHALT PAVEMENT TRENCH RESTORATION
SEE DETAIL SHT. 5 |
| | ASPHALT DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE DRIVE RESTORATION
SEE DETAIL SHT. 5 |
| | CONCRETE WALK RESTORATION
SEE DETAIL SHT. 5 |



MAIN STREET_3

verdantas

4420 COOPER ROAD, SUITE 200
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WWW.VERDANTAS.COM

DATE	REVISION	NO	REVIEW	ISSUED FOR
			SEPT 2025	
			AS SHOWN	
			JCOR	
			JCOR / DGAR	
			RBRY	

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IMPROVEMENTS
ANDERSON, RILEY BLVD., 3RD, 4TH, 5TH, & 6TH
- CITY OF FRANKLIN, OHIO -

MAIN STREET
STA. 49+00 TO STA. 52+36

PROJECT NO.	33131
DISCIPLINE	CIVIL
SHEET NAME	MAIN_3
SHEET	19
OF	19