

DATE: 3/18/25

PE SIGNATURE Mark Larring

- Timothy & Hoffin-

3/24/2025

DATE:

DRAWING: P:\24051 Cangls Edge WSP\CADD\2405

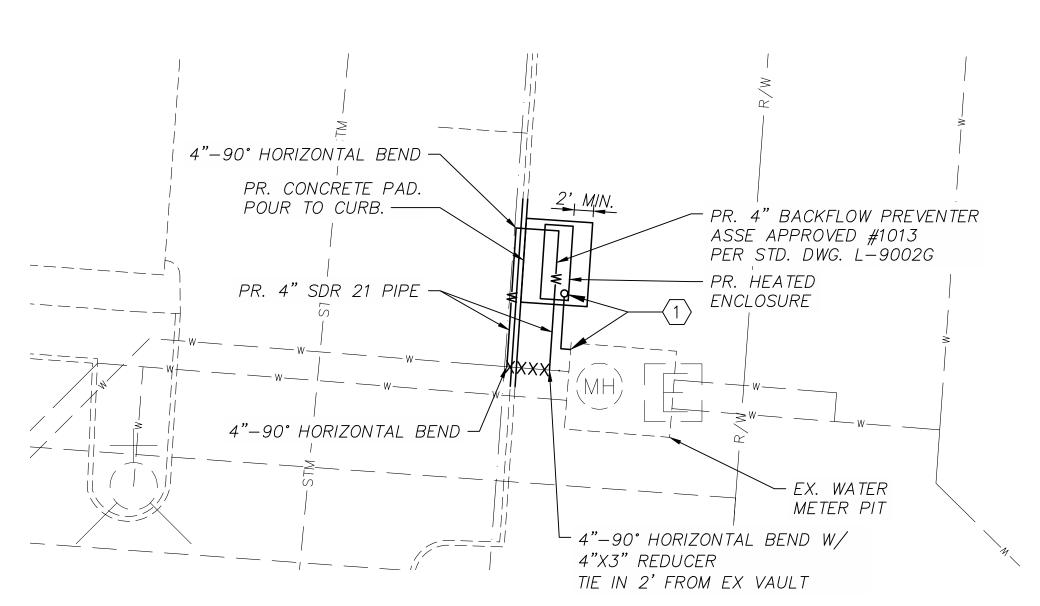
WATER SERVICE NOTES (SEPTEMBER 2023 EDITION)

- 1. N/A
- 2. NO WATER SERVICE CONSTRUCTION, BEFORE OR AFTER THE WATER METER(S), SHALL BEGIN PRIOR TO FEE PAYMENT TO THE UTILITY PERMITS OFFICE AT 111 N. FRONT STREET (614-645-7330).
- 3. THE CITY OF COLUMBUS, CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC), 2018 EDITION AND ALL REVISIONS, INCLUDING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THIS IMPROVEMENT, UNLESS OTHERWISE NOTED.
- 4. ALL WATER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT APPROVED MATERIALS LIST AND RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF WATER, UNLESS OTHERWISE SHOWN ON THE PLANS OR APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER. ONLY PRODUCTS LISTED ON THE CURRENT APPROVED MATERIALS LIST WILL BE PERMITTED TO BE INSTALLED.
- 5. IT SHALL BE UNLAWFUL FOR ANY PERSON TO PERFORM ANY WORK ON THE PUBLIC WATER DISTRIBUTION SYSTEM WITHOUT FIRST SECURING A LICENSE TO ENGAGE IN SUCH WORK, AS INDICATED IN COLUMBUS CITY CODE SECTIONS 1103.02 AND 1103.06. THIS WORK INCLUDES ANY ATTACHMENTS, ADDITIONS TO OR ALTERATIONS IN ANY CITY SERVICE PIPE OR APPURTENANCES (INCLUDING WATER SERVICE LINES AND WATER SERVICE TAPS). THIS REQUIREMENT MAY BE MET BY UTILIZATION OF A SUBCONTRACTOR WHO POSSESSES A CITY OF COLUMBUS WATER CONTRACTOR LICENSE OR A COMBINED WATER/SEWER CONTRACTOR LICENSE TO PERFORM THIS WORK. UTILIZATION OF A SUBCONTRACTOR MUST MEET THE LICENSING REQUIREMENTS OF CITY OF COLUMBUS BUILDING CODE SECTIONS 4114.119 AND 4114.529.
- 6. FOR ANY EMERGENCIES THAT OCCUR AFTER NORMAL WORKING HOURS INVOLVING THE WATER DISTRIBUTION SYSTEM, PLEASE CONTACT THE DIVISION OF WATER DISTRIBUTION MAINTENANCE OFFICE AT 614-645-7788.
- 7. SITE UTILITY CONTRACTOR SHALL OBTAIN A RIGHT OF WAY PERMIT PRIOR TO THE START OF ANY WATER SERVICE LINE AND/OR WATER SERVICE TAP INSTALLATION OR ANY PLACEMENT OF WATER SERVICE MATERIALS INTO THE PUBLIC RIGHT OF WAY.
- 8. EXISTING RIGHT OF WAY LINE(S), PROPOSED RIGHT OF WAY LINE(S) AND/OR WATER MAIN EASEMENT LINE(S) SHALL BE STAKED AT 10 FOOT INCREMENTS BY A STATE OF OHIO LICENSED SURVEYOR WHEN THE WATER SERVICE TAP(S) AND/OR WATER SERVICE(S) ARE INSTALLED AND INSPECTED BY THE CITY OF COLUMBUS, DIVISION OF WATER.
- 9. SITE UTILITY CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CITY OF COLUMBUS——CITY FORESTER AT 614—645—6640 FOR ANY WORK DONE WITHIN 10 FEET OF A TREE IN THE RIGHT OF WAY.
- 10. THERE SHALL BE A 10 FOOT MINIMUM HORIZONTAL AND 18 INCH VERTICAL SEPARATION BETWEEN WATER SERVICE TAP(S), WATER SERVICE LINE(S), PRIVATE WATER SYSTEMS AND ANY SANITARY AND/OR STORM SEWER SYSTEMS, UNLESS OTHERWISE APPROVED BY THE CITY OF COLUMBUS, DIVISION OF WATER.
- 11. ALL INSPECTIONS REQUIRE A 24 HOUR ADVANCE NOTICE.
- 12. N/A
- 13. N/A
- 14. SITE UTILITY CONTRACTOR SHALL FLUSH ALL WATER SERVICES PRIOR TO ANY WATER METER INSTALLATION. THE CITY OF COLUMBUS IS NOT RESPONSIBLE FOR ANY CITY WATER METER DAMAGE CAUSED BY NON-FLUSHING.
- 15. N/A
- 16. N/A
- 17. N/A
- 18. N/A
- 19. N/A 20. N/A
- 21. N/A
- 22. SITE UTILITY CONTRACTOR SHALL CALL COLUMBUS DIVISION OF WATER AT 614-645-7330 FOR INSPECTION AND HYDROSTATIC TEST OF 4" AND LARGER WATER SERVICE TAPS FROM THE WATER MAIN THRU THE CONTROL VALVE AND WATER SERVICES FROM THE CONTROL VALVE THRU THE WATER METER SETTING. HYDROSTATIC TEST SHALL BE PER CMSC ITEM 801.16 AND SHALL BE PERFORMED FROM THE WATER MAIN THRU THE WATER METER SETTING.
- 23. ALL 4" THRU 12" WATER SERVICE PIPE SHALL BE ONLY DUCTILE IRON FROM THE CITY WATER MAIN THRU THE CITY WATER METER SETTING(S) INCLUDING THE METER BYPASS.
- 24. N/A
- 25. N/A
- 26. N/A
- 27. N/A

- 28. N/A
- 29. BACKFLOW PREVENTION ASSEMBLY(S) SHALL BE INSTALLED, WHERE REQUIRED, PER COLUMBUS DIVISION OF WATER STANDARD DETAIL DRAWINGS L-9002 A THRU G. CONTRACTOR(S) SHALL CALL 614-645-6674 WITH BACKFLOW PREVENTION QUESTIONS. CONTRACTOR(S) SHALL CALL 614-645-8119 TO SCHEDULE BACKFLOW PREVENTION INSPECTION REQUESTS.
- 30. DOMESTIC WATER SERVICE BACKFLOW PREVENTER(S) SHALL MEET THE ASSE #1013 APPROVAL/STANDARD.
- 31. N/A
- 32. N/A
- 33. N/A
- 34. N/A
- 35. N/A
- 36. IF DOMESTIC AND/OR FIRE WATER SERVICE METER(S) AND/OR THEIR BACKFLOW PREVENTER(S) ARE TO BE LOCATED INSIDE AN ABOVE GROUND HEATED ENCLOSURE, THE ENCLOSURE SHALL BE ASSE #1060 CLASS 1 APPROVED. THE ENCLOSURE SHALL HAVE A THERMOSTATICALLY OPERATED HEATER. THE SIZE AND NUMBER OF HEATER(S) SHALL BE PER THE ENCLOSURE MANUFACTURER'S SPECS TO MAINTAIN A 40 DEGREE FAHRENHEIT INSIDE TEMPERATURE AT AN OUTSIDE TEMPERATURE OF MINUS 30 DEGREE FAHRENHEIT. HEAT TAPE/RODS WILL NOT BE PERMITTED.
- 37. BACKFLOW PREVENTION DEVICES MUST BE TESTED AT THE TIME OF INSTALLATION BY A TESTER APPROVED BY THE DIVISION OF WATER BACKFLOW COMPLIANCE OFFICE. A COMPLETE LIST OF APPROVED TESTERS CAN BE FOUND AT WWW.COLUMBUS.GOV/BACKFLOW/CONSUMERS. RESULTS MUST BE SUBMITTED THROUGH THE ONLINE WEB SUBMITTAL SYSTEM AT https://core.columbus.gov/tokayflow/.

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

- 38. SITE UTILITY CONTRACTOR SHALL CALL THE LOCAL BUILDING AUTHORITY FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). THIS WILL INCLUDE DOMESTIC WATER LOOPS AND FIRE WATER LOOPS INCLUDING PRIVATE FIRE HYDRANTS THRU THE SITE BEFORE COVERING.
 - FOR COLUMBUS CITY ONLY: THE DEPARTMENT OF BUILDING AND ZONING (PLUMBING INSPECTION SECTION) IS RESPONSIBLE FOR INSPECTION OF UNDERGROUND PRIVATE DOMESTIC AND/OR FIRE WATER SYSTEM(S) AFTER THE CITY WATER METER(S). TO SCHEDULE, SITE UTILITY CONTRACTOR SHALL PURCHASE A WATER SERVICE RECORD THROUGH https://portal.columbus.gov/Permits/Default.aspx. CONTACT PLUMBINGINFO@COLUMBUS.GOV FOR MORE DETAILS.
- 39. N/A
- 40. N/A
- 41. ALL PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING AUTHORITY HAVING JURISDICTION.



ENLARGED PLAN SCALE: 1"=10"

1. CONTRACTOR SHALL PREPARE NEW HEATED ENCLOSURE WITH BACK FLOW PREVENTER, DO ALL TESTS AND DO TIE IN WITH ONE SHUTDOWN (SHOULD NOT BE MORE THAN 4 HOURS) AND COMPLETE. SHUT DOWN PERIOD IS TO BE COORDINATED WITH OWNER AT LEAST TWO WEEKS IN ADVANCE.

CODED NOTES

1 THE EXISTING METER VAULT SHALL BE CORE DRILLED FOR A 1" I.D. METER READING CONDUIT. THE CONDUIT MUST HAVE A MINIMUM COVER OF 24" ABOVE THE CONCRETE SLAB. PROVIDE WITH A PULL STRING.

EASEMENT REFERENCE REVISIONS

300 SPRUCE STREET SUITE 200 COLUMBUS, OHIO 43215

P: 614 280 8999

MOODY-ENG.COM

PE SIGNATURE

DATE:

WATER SERVICE PLAN
CANALS EDGE
5327 AMALFI DR
PARCEL ID # 490231117
CANAL WINCHESTER, OHIO 43110

P - 3212

SHEET: 2/3

ENCLOSURE DETAIL NO SCALE EASEMENT REFERENCE REVISIONS

A CUSTOM DIMENSION HEATED ENCLOSURE WILL BE REQUIRED FOR INSTALLATION. DETAIL

PROVIDED FOR GENERAL GUIDANCE ONLY.

THE EXTERIOR SIDES (WITHOUT DOORS).

FOR RECOMMENDED SLAB SIZE, ADD 24" TO

THE EXTERIOR SIDES (WITH DOORS) AND 6" TO

300 SPRUCE STREET SUITE 200 P: 614 280 8999

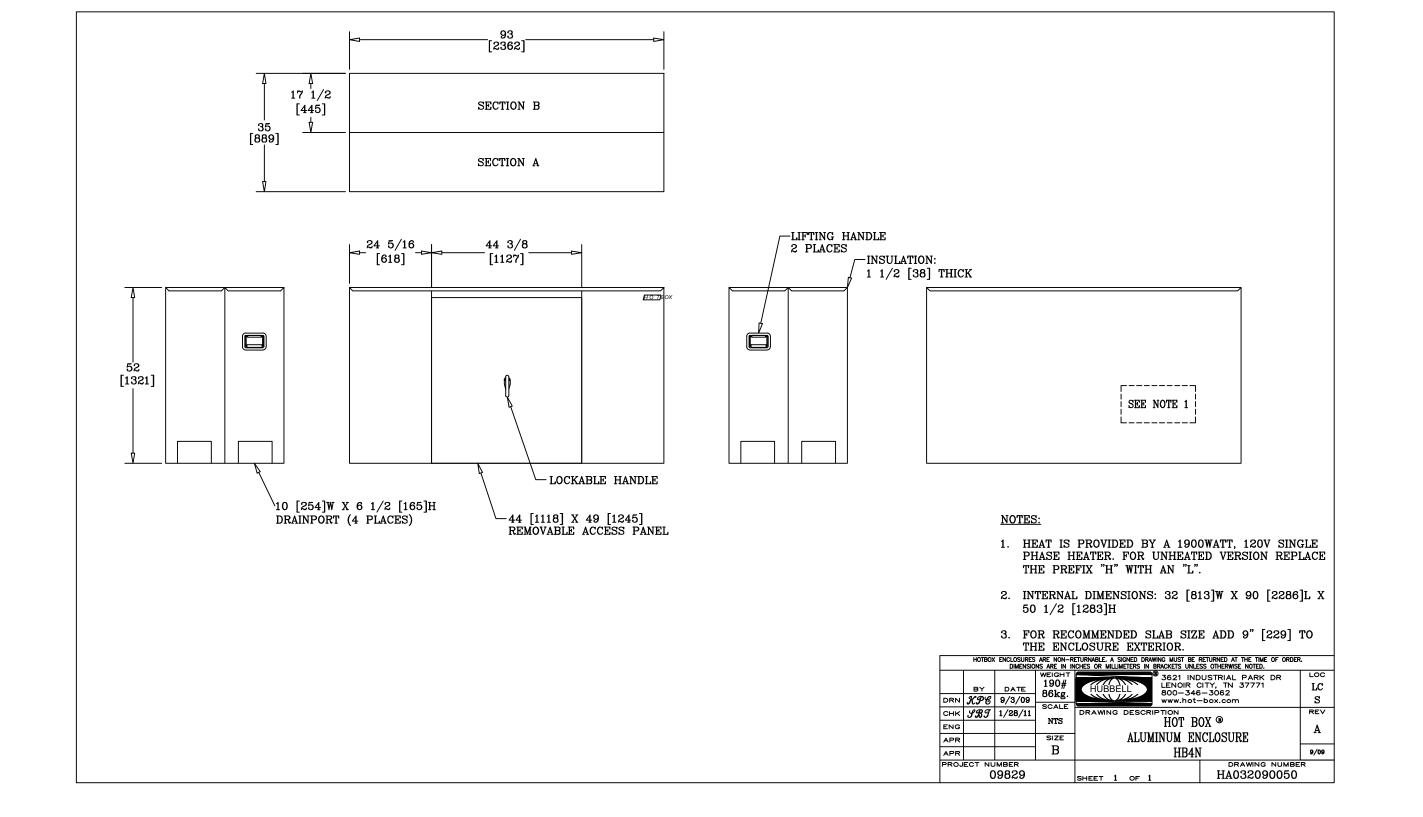
COLUMBUS, OHIO 43215

MOODY-ENG.COM

PE SIGNATURE DATE:

WATER SERVICE PLAN CANALS EDGE 5327 AMALFI DR PARCEL ID # 490231117 CANAL WINCHESTER, OHIO 43110 P - 3212

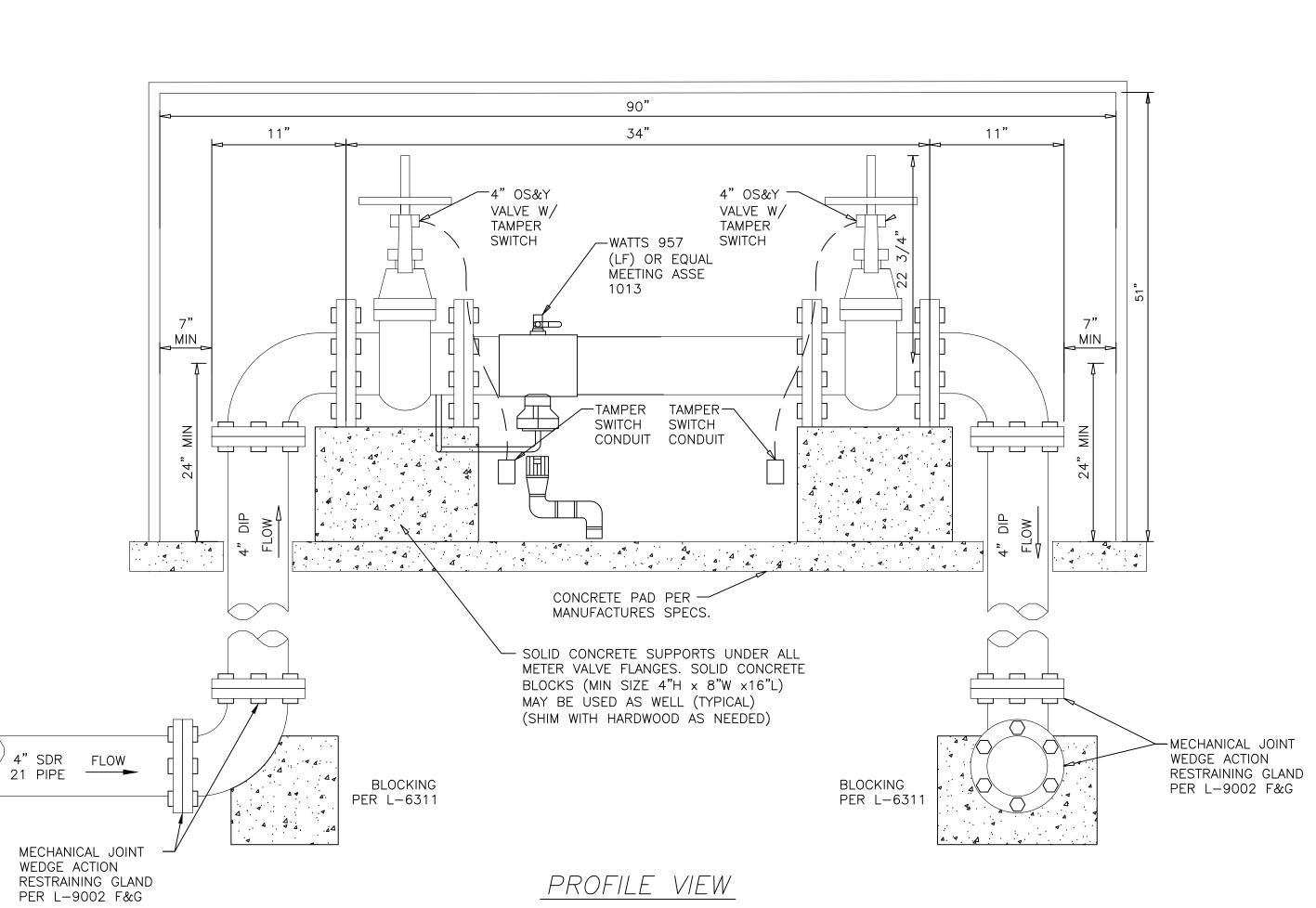
SHEET: 3/3



PLAN VIEW

90"

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4" HEATED ENCLOSURE WITH BACKFLOW PREVENTER

SCALE: NO SCALE