PH Rezoning Request- 6:15 pm
PH Special Approval Use- 6:25 pm

CITY OF PERRYSBURG

CITY OF PERRYSBURG
CITY COUNCIL
AGENDA

October 7, 2025

1. Call to Order - 6:30 PM
2. Roll Call
3. Pledge of Allegiance
4. Minutes of Council Meeting of September 16, 2025
5. Special Reports
6. Letters, Communications, and Citizens Communications
7. Administrative Reports
   a. Mayor
   b. City Administrator
   c. Finance Director
   d. Law Director
8. President of Council Report
9. Committee Reports
   a. Finance & Economic Development
   b. Safety

   Ordinance# 99-2025

   AN ORDINANCE AMENDING PERRYSBURG CODIFIED ORDINANCE CHAPTER 813

   3rd Reading, vote requested

   c. Recreation
   d. Planning & Zoning
   e. Personnel
   f. Public Utilities
   g. Service

   Ordinance# 109-2025

   ACCEPTING STREETS, ALLEYS, AND GREEN SPACE PER CODIFIED ORDINANCE §1295.07 (FOUNTAIN POINTE VILLAS); AND DECLARING AN EMERGENCY

   Recommendation to Suspend the Rules, Waive the Three Readings, and

Pass as an Emergency Measure

Ordinance# 110-2025

AN ORDINANCE CONDUCTING A FIVE-YEAR REVIEW OF THE DESIGNATED OUTDOOR REFRESHMENT AREA AND APPROVING CONTINUED OPERATION IN SPECIFIED PUBLIC AREAS OF DOWNTOWN PERRYSBURG; AND DECLARING AN EMERGENCY

1st Reading, no vote required

Resolution# 88-2025

A RESOLUTION DECLARING CERTAIN EQUIPMENT CURRENTLY USED BY THE SERVICE DEPARTMENT AS NO LONGER NEEDED FOR MUNICIPAL PURPOSES; AND DECLARING AN EMERGENCY

Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure

Resolution# 89-2025

A RESOLUTION RATIFYING CERTAIN WORK PERFORMED BY GRIFFIN PAVEMENT STRIPING, LLC AND AMENDING RESOLUTION 42-2025 TO INCREASE THE NOT TO EXCEED LIMIT TO ONE HUNDRED FORTY-NINE THOUSAND SEVEN HUNDRED FOUR DOLLARS AND TEN CENTS ($149,704.10) FOR THE 2025 PAVEMENT MARKING PROJECT; AND DECLARING AN EMERGENCY

Recommendation to Suspend the Rules,
Waive the Three Readings, and
Pass as an Emergency Measure

10. Other Business
11. Adjournment

TO: Mayor Mackin
President Fuller
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Ordinance 99-2025

DATE: August 5, 2025

Subject Matter/Background

The City of Perrysburg has determined it necessary to update Chapter 813 to provide clarity and further guidance for the owners and operators of Mobile Food Units

The Safety Committee considered the measure at its meeting on July 28, 2025 and unanimously recommended the ordinance to City Council.

Financial Review

This legislation should have no financial impact on the City of Perrysburg

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

1st Reading – September 2, 2025
2nd Reading – September 16, 2025
3rd Reading and vote – October 7, 2025

ORDINANCE 99-2025

AN ORDINANCE AMENDING PERRYSBURG CODIFIED ORDINANCE CHAPTER 813

WHEREAS, Perrysburg Codified Ordinance Chapter 813 establishes the rules and regulations for the operation of Mobile Food Vehicles within the City of Perrysburg; and,

WHEREAS, the City of Perrysburg has determined it necessary to update the Chapter to provide clarity and further guidance for the owners and operators of Mobile Food Units; and,

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. Codified Ordinance Chapter 813 which currently reads as shown in Exhibit A, attached hereto and incorporated herein, is hereby added to, amended, and adopted to read as shown in Exhibit B, attached hereto and incorporated herein.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Ordinance shall be in full force and effect at the earliest time permitted by law.

_____
President of Council

_____
Mayor

PASSED _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

Exhibit A

CHAPTER 813
Mobile Food Vehicles

813.01 Definitions.

813.02 Registration required.

813.03 Application for registration.

813.04 Furnishing of information.

813.05 Permit.

813.06 Enforcement and penalty.

813.01 DEFINITIONS.

The following terms shall have the following meanings when used in this chapter:

(a) The City Administrator shall mean the City Administrator of the City of Perrysburg.

(b) The Tax Administrator shall mean the Income Tax Commissioner of the City of Perrysburg.

(c) Food Establishment shall mean a business operation or any part thereof that stores, prepares, packages, serves, vends or otherwise provides food and/or beverages for human consumption.

(d) Mobile Food Vehicle shall mean a Food Establishment that is located upon a vehicle including motorcycles and bicycles, or which is pulled by a vehicle. This definition includes mobile food kitchens, pushcart vendors, bicycle cart vendors, mobile food trucks, canteen trucks and coffee trucks.

(e) Mobile Food Vehicle Operator shall mean any and all persons associated with the operation of a Mobile Food Vehicle for which registration has been made to operate the Mobile Food Vehicle within the City.

(Ord. 52-2017. Passed 8-1-17.)

813.02 REGISTRATION REQUIRED.

Except as provided in 813.03(c), no Mobile Food Vehicle shall be operated in the City without first registering with the City Administrator. A separate registration must be made for each and every Mobile Food Vehicle to be operated within the City.

(Ord. 52-2017. Passed 8-1-17.)

813.03 APPLICATION FOR REGISTRATION.

(a) Each Mobile Food Vehicle operator shall, prior to commencing operations within the City, furnish the City Administrator, on a form provided by the City, a fully executed application for registration to operate a Mobile Food Vehicle within the City.

(b) Applications for registrations to operate Mobile Food Vehicles will be accepted by the City Administrator beginning January 1 of each calendar year.

(c) Mobile Food Vehicles operating within the boundaries of the City, stopping, standing or otherwise parking in the public right of way for only 15 consecutive minutes or less, shall not be required to apply for registration to operate a Mobile Food Vehicle within the boundaries of the City in the public right of way.

(Ord. 57-2021. Passed 11-16-21.)

813.04 FURNISHING OF INFORMATION.

A Mobile Food Vehicle Operator, prior to commencing Mobile Food Vehicle operations within the City, shall furnish the City Administrator with the following documents and information:

(a) A current, written certification that the Mobile Food Vehicle has passed all necessary inspections required by the City Fire Department;

(b) A current written certification that the Mobile Food Vehicle Operator and the Mobile Food Vehicle have passed all necessary inspections and are in full compliance with the Wood County Health Department;

(c) A letter of good standing from the City Income Tax Division with respect to the Mobile Food Vehicle operations; and

(d) A current certificate of insurance evidencing general liability coverage in the minimum amount of one million dollars ($1,000,000.00) in the aggregate in a form acceptable to the City.

(Ord. 52-2017. Passed 8-1-17.)

813.05 PERMIT.

(a) Each Mobile Food Vehicle Operator shall, prior to commencing operations within the City, pay an annual, nonrefundable permit fee to the City Administr ator in the amount of $100.00.

(b) The City shall, no later than 14 days after receiving (i) a fully executed application for registration to operate a Mobile Food Vehicle within the City, (ii) all other required documents and information, and (iii) an annual permit fee, issue a permit to the Mobile Food Vehicle Operator to operate the Mobile Food Vehicle within the City.

(c) Mobile Food Vehicle permits must be on display, on the vehicle, in full sight for all to see at all times while the Mobile Food Vehicle is operating within the City.

(d) Mobile Food Vehicle permits are specific to the Mobile Food Vehicle Operator and the Mobile Food Vehicle.

(e) Mobile Food Vehicle permits will automatically expire each year on December 31.

(f) No annual permit fee shall be required of Mobile Food Vehicles or Mobile Food Vehicle Operators owned or compensated by a food establishment currently operating within the boundaries of the City, from a fixed location (i.e., from owned or leased real property), and in compliance with all other applicable, local regulations.

(Ord. 52-2017. Passed 8-1-17.)

813.06 ENFORCEMENT AND PENALTY.

In the case of a failure by any Mobile Food Vehicle Operator to comply with any of the provisions of this chapter, such Mobile Food Vehicle Operator shall be in violation and shall be subject to a penalty.

(a) The provisions of this section shall be enforceable by the Perrysburg Police Division.

(b) A penalty in the amount of one hundred dollars ($100.00) shall be assessed and immediately payable for failure to comply with any of the provisions of this chapter. A separate offense shall be deemed committed each day, or part thereof, for which a Mobile Food Vehicle Operator fails to comply with any of the provisions of this chapter. Any and all penalties are in addition to the annual permit fee.

(c) No penalty shall be imposed under this chapter with respect to any failure if it is shown that such failure is due to reasonable cause and not to willfull neglect.

(d) Upon discovery of the violation, the Mobile Food Vehicle operator shall be served with notice of violation and demand for penalty in the same manner as a fine. Upon service with the notice of violation, the Mobile Food Vehicle operator shall immediately cease operations within the City of Perrysburg until such time as the Mobile Food Vehicle operator is issued a valid permit for operations.

(e) No Mobile Food Vehicle Operator shall be permitted to operate a Mobile Food Vehicle within the City for any year in which it has been assessed penalties under this chapter on more than two occasions.

(Ord. 22-2019. Passed 6-4-19.)

Exhibit B

CHAPTER 813
Mobile Food Units

813.01 Definitions.

813.02 Registration required.

813.03 Application for registration.

813.04 Furnishing of information.

813.05 Permit.

813.06 General Requirements

813.07 Enforcement and penalty.

813.01 DEFINITIONS.

The following terms shall have the following meanings when used in this chapter:

(a) "City Administrator" shall mean the City Administrator of the City of Perrysburg, or their designee.
(b) "Tax Administrator" shall mean the Income Tax Commissioner of the City of Perrysburg, or their designee.
(c) "Retail Food Establishment" means a premises or part of a premises where food is stored, processed, prepared, manufactured, or otherwise held or handled for retail sale. Except when expressly provided otherwise, "retail food establishment" includes a mobile retail food establishment, seasonal retail food establishment, and temporary retail food establishment.
(d) "Food service operation" means a place, location, site, or separate area where food intended to be served in individual portions is prepared or served for a charge or required donation. As used in this division, "served" means a response made to an order for one or more individual portions of food in a form that is edible without washing, cooking, or additional preparation and "prepared" means any action that affects a food other than receiving or maintaining it at the temperature at which it was received.
(e) "Mobile Food Service Operation" means a food service operation that is operated from a movable vehicle, portable structure, or watercraft and that routinely changes location, except that if the operation remains at any one location for more than forty consecutive days, the operation is no longer a mobile food service operation. "Mobile food service operation" includes a food service operation that does not remain at any one location for more than forty consecutive days and serves, in a manner consistent with division (F) of this section, only frozen desserts; beverages, nuts, popcorn, candy, or similar confections;

bakery products identified in Section 911.01 of the Ohio Revised Code; or any combination of those items.

(f) "Mobile Food Unit" shall mean any apparatus or equipment that is used to cook, prepare or serve food, and that routinely changes or can change location and is operated from a moveable vehicle or apparatus, including but not limited to motorized vehicles, trailers, and hand propelled carts.

(g) "Mobile Food Unit Operator" shall mean any and all persons associated with the operation of a Mobile Food Unit for which registration has been made to operate the Mobile Food Unit within the City.

813.02 REGISTRATION REQUIRED.

Except as provided in 813.03(c), no Mobile Food Unit shall be operated in the City without first registering with the City Administrator. A separate registration must be made for each and every Mobile Food Unit to be operated within the City.

813.03 APPLICATION FOR REGISTRATION.

(a) Each Mobile Food Unit operator shall, prior to commencing operations within the City, furnish the City Administrator, on a form provided by the City, a fully executed application for registration to operate a Mobile Food Unit within the City.

(b) Applications for registrations to operate Mobile Food Units will be accepted by the City Administrator beginning April 1 of each calendar year. Registrations will be valid for one year starting April 1 and terminating on March 31. Any registrations granted in 2025 will be valid until March 31, 2026.

(c) Mobile Food Units operating within the boundaries of the City, stopping, standing or otherwise parking in the public right of way for only 15 consecutive minutes or less, shall not be required to apply for registration to operate a Mobile Food Unit within the boundaries of the City in the public right of way.

813.04 FURNISHING OF INFORMATION.

A Mobile Food Unit Operator, prior to commencing Mobile Food Unit operations within the City, shall furnish the City Administrator with the following documents and information:

(a) A current written certification that the Mobile Food Unit Operator and the Mobile Food Unit have passed all necessary inspections and are in full compliance with a State of Ohio Health Department; and

(b) A letter of good standing from the City Income Tax Division with respect to the Mobile Food Unit Operations; and

(c) A current certificate of insurance evidencing general liability coverage in the minimum amount of one million dollars ($1,000,000.00) in the aggregate in a form acceptable to the City.

(d) A current, written certification that the Mobile Food Unit has passed all necessary annual inspections required by the City Fire Division.

a. If the City Fire Division is to provide any inspections, inspections by the City Fire Division will be provided after application and payment of the annual, non-refundable permit fee.
b. Inspections are only valid for the permitted period.

813.05 PERMIT.

(a) Each Mobile Food Unit Operator shall, prior to commencing operations within the City, apply for an annual permit and pay an annual, nonrefundable permit application fee to the City Administrator in the amount of $100.00.

(b) Once the City has received: (i) a fully executed application for registration to operate a Mobile Food Unit within the City, (ii) all other required documents and information, and (iii) an annual permit fee, the City shall have a fourteen (14) business day period to review the provided materials and determine if a permit will issued to the Mobile Food Unit Operator to operate the Mobile Food Unit within the City.

(1) In making its determination, the City may review any and all information pertaining to the Mobile Food Unit and Mobile Food Unit Operator including, but not limited to, violations and suspensions in other jurisdictions within the past two (2) years.

i. Any open or outstanding violations or suspensions are grounds for immediate denial of a permit application. If the applicant remedies the open violations or suspensions within ten (10) business days of the denial of the permit application, the applicant may resubmit their application an no additional cost to the applicant.

(2) Nothing in this Section shall be construed as a requirement for the City to issue a Mobile Food Unit permit. The City may deny any application for a Mobile Food Unit permit for any reason, with or without cause.

(c) Mobile Food Unit permits must be on display, on the vehicle, in full sight for all to see at all times while the Mobile Food Unit is operating within the City.

(d) Mobile Food Unit permits are specific to the Mobile Food Unit Operator and the Mobile Food Unit.

(e) Mobile Food Unit permits will automatically expire each year on March 31.

(f) No annual permit fee shall be required of Mobile Food Units or Mobile Food Unit Operators owned or compensated by a food establishment currently operating within the boundaries of the City, from a fixed location (i.e., from owned or leased real property), and in compliance with all other applicable, local regulations.

813.06 GENERAL REQUIREMENTS.

(a) All Mobile Food Units must be in compliance with Section 320 of the Ohio Fire Code.

(b) No Mobile Food Unit shall operate in the City without a valid Mobile Food Unit Permit.

(c) No property or business shall be permitted to host a Mobile Food Unit without a valid Mobile Food Unit Permit issued pursuant to this Chapter.

(d) No Mobile Food Unit shall be parked on the street overnight, or left unattended or unsecured at any time food is kept in the Mobile Food Unit.

(1) The owner or operator of any Mobile Food Unit found to be in violation of this subsection may be charged with a violation of this chapter.

(e) Mobile Food Units are prohibited from selling alcoholic beverages.

(f) Mobile Food Units shall serve pedestrian customers only, drive-in or drive-through services shall be prohibited.

(g) Mobile Food Units may not operate, stop, stand or park in any area that impedes the use of the right-of-way that is intended for use by vehicular travel or that in any way impedes the use of the right-of-way or that presents an unsafe condition for any patron, pedestrians, or other vehicles.

(h) Mobile Food Units shall provide adequate trash/recycling receptacles and all waste shall be removed by the Mobile Food Unit at the close of business.

(i) Fueling of Mobile Food Units or associated generators shall not be permitted on the host site.

(j) Amplified music or other sounds from any Mobile Food Unit may not at any time unreasonably disturb nearby residents, businesses, pedestrians or vehicles.

(k) Any property owner or tenant that permits a Mobile Food Unit to operate or park on the property without a Mobile Food Unit Permit for that location shall be in violation of this section.

(l) The City reserves the right at all times to require a Mobile Food Unit to relocate to an alternate location or cease to operate as determined by the enforcement official if the approved location needs to be used for emergency purposes or other public benefit or if in the opinion of the enforcement officer the Mobile Food Unit presents a safety hazard to the public.

(m) Mobile Food Units shall adhere to all applicable parking regulations.

(n) If a Mobile Food Unit has open or outstanding violations or suspensions in any jurisdiction, the City may suspend the Mobile Food Unit Permit until the suspensions or outstanding violations are remedied.

(o) No Mobile Food Unit Operator or its employees or agents shall:

    (1) Sell food items, display food items, or conduct vending operations to the occupants of vehicles stopped in traffic;

    (2) Display food items or place lines or other devices for the display of food items on any building or on any utility pole, planter, tree, trash container, or other sidewalk fixture;

    (3) Place any food items in or upon any street or sidewalk;

    (4) Conduct business without making available a container suitable for the placement of litter and without cleaning up any litter generated by the food service operator or in the area of the food service operation;

    (5) Smoke or vape in or within ten (10) feet of the unit;

    (6) Use generators that produce more than sixty (60) decibels of noise;

    (7) Utilize the City's electrical outlets, if available, unless allowed by the City and all fees and costs set by the City Administration are paid in advance.

(p) All mobile food service operations and or their employees or agents shall:

    (1) Conspicuously display evidence of their mobile food service operation permit issued pursuant to this Chapter;

    (2) Be constructed to internally store and contain all grease and waste water for proper disposal, to prevent ground water contamination, and to prevent discharge of any waste water onto the ground or into any storm water sewer within the City;

(3) Obey any lawful order of a police officer to relocate to avoid congestion or obstruction during an emergency;

(4) Comply with all requirements of applicable state and local law, including, without limitation, the City' s Fire prevention code, the State of Ohio Fire Code, the Ohio Department of Commerce regulations, the Ohio Uniform Food Safety Code, Ohio Department of Health's certification in food protection rule, and the City' s traffic and zoning codes;

(5) Exercise reasonable care to ensure that operations do not create a health or safety hazard to customers, other users of the sidewalks and streets, or persons on abutting property; and

(6) Operate in any manner that blocks, obstructs, or restricts the free passage of vehicles or pedestrians in the lawful use of the sidewalks or highways or ingress or egress to the abutting property. Mobile Food Vendors shall maintain a clear path of travel on any sidewalk pursuant to the Americans with Disabilities Act, as amended ("ADA") free of customer queuing, signage and/or all portions of the vehicle for clear movement of pedestrians.

813.07 ENFORCEMENT AND PENALTY.

(a) The provisions of this section shall be enforceable by the Perrysburg Police Division and the Perrysburg Fire Division.

(b) Whoever violates any provision of this Chapter is guilty of a minor misdemeanor for a first offense, and for a second or subsequent offense, shall be guilty of a misdemeanor of the fourth degree.

(c) A Mobile Food Unit Operator found in violation of any provision of this chapter shall have their Mobile Food Unit Permit immediately suspended by the City and shall not be allowed to do business within the City of Perrysburg until all violations are cured, any penalties are finalized, and/or the suspension is lifted by the City Administrator. The Mobile Food Unit Operator shall immediately cease operations within the City of Perrysburg until such time as the Mobile Food Unit Operator is issued a valid permit for operations.

(d) No Mobile Food Unit Operator shall be permitted to operate any Mobile Food Unit within the City for any permit year in which it has been found in violation under this Chapter on more than two occasions.

(e) Should any provision of this Chapter be held invalid by a court of competent jurisdiction, then such provision shall be considered separate and apart from the remaining provisions, which shall remain in full force and effect.

TO: Mayor Mackin
President Fuller
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Ordinance 109-2025

DATE: September 27, 2025

Subject Matter/Background

Perrysburg Code Section §1295.07 accepts streets, signs and infrastructure of completed plats within the City. Once a developer completes a plat within the City, all infrastructure is inspected by the Department of Public Service, City Engineer, and the Department of Public Utilities to confirm that construction was completed to City specifications. Following a successful review, the City must accept the plat, including streets and infrastructure. This Ordinances identifies the plats, streets, and infrastructure found in Fountain Pointe Villas that have reached that stage.

Financial Review

There is no direct financial implication to this legislation.

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to waive the rules, waive the three readings and pass the legislation as an emergency measure is appropriate, in order to avoid any confusion regarding rights, duties, and obligations with respect to the subject infrastructure.

ORDINANCE 109-2025

ACCEPTING STREETS, ALLEYS, AND GREEN SPACE PER
CODIFIED ORDINANCE §1295.07 (FOUNTAIN POINTE VILLAS);
AND DECLARING AN EMERGENCY

WHEREAS, Codified Ordinance §1295.07 requires that dedication of certain improvements within subdivisions be accepted by ordinance; and

WHEREAS, the streets, alleys, green spaces, and other improvements in various subdivisions, as summarized on Exhibit A (Fountain Pointe Villas) have been completed to the satisfaction of the City of Perrysburg, Ohio, and such improvements have been offered for dedication and now should be accepted and dedicated; and

WHEREAS, the value of the property includes but is not limited to:

Sanitary	6,427 linear feet	$357,144.00
Water	4,059 linear feet	$326,238.00
Roadway	5,300 linear feet	$580,000.00
Storm	10,670 linear feet	$635,000.00

NOW THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. In conformity with Codified Ordinance §1295.07 and all otherwise applicable law, the City of Perrysburg, Ohio, hereby accepts for dedication the streets, alleys, green spaces, and other improvements of the subdivisions listed on Exhibit A, (Fountain Pointe Villas) which is attached hereto and incorporated as if fully restated herein.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health, and safety of the citizens of the City of Perrysburg, Wood County, Ohio, in order to avoid any confusion regarding rights, duties, and obligations with respect to the subject infrastructure, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

_____
President of Council

_____
Mayor

PASSED: _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

PAVEMENT AND DRAINAGE IMPROVEMENTS

FOR

Fountain Point Villas

CITY OF PERRYSBURG, WOOD COUNTY, OHIO

INDEX OF SHEETS

TITLE SHEET 1
GENERAL NOTES AND DETAILS 2–6
SITE GRADING PLAN AND STREET SIGN PLAN 7–8
TYPICAL SECTIONS 9
INTERSECTION DETAILS 10
PLAN AND PROFILE 11–15
STORM SERVICE TAP DATA 16
CROSS SECTIONS 17–34
EPSC 35–39

BENCH MARK DATA

WOOD COUNTY BENCH MARK

MC0668 USGS SURVEY DISC IN CONCRETE MONUMENT SOUTHWEST CORNER OF THE INTERSECTION OF HULL PRAIRIE ROAD & FIVE POINT ROAD.
ELEVATION 650.10

SITE BENCH MARK #150

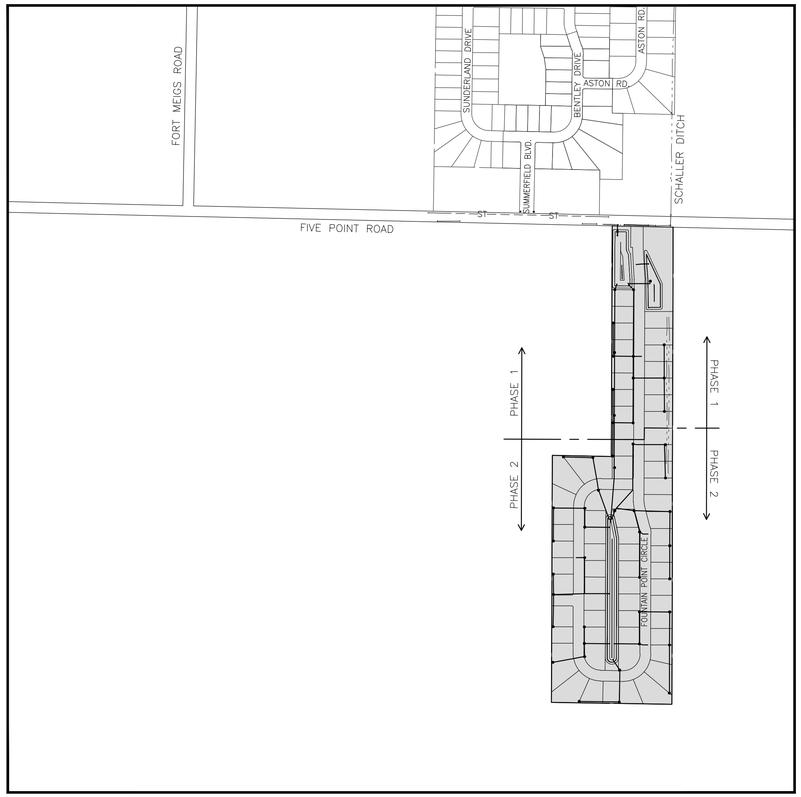
MAG NAIL SET IN SOUTH FACE OF POWER POLE NORTH SIDE OF FIVE POINT ROAD.
ELEVATION 652.04

SITE BENCH MARK #151

MAG NAIL SET IN SOUTH FACE OF POWER POLE SOUTH SIDE OF FIVE POINT ROAD.
ELEVATION 651.49

CONVENTIONAL SIGNS

	PROPOSED	EXISTING
SANITARY SEWER	S	S
STORM SEWER		ST
WATERLINE	W	W
SANITARY MANHOLE	●	Ⓢ
STORM MANHOLE	●	ST
CATCH BASIN	■	CB
YARD BASIN	●	CB
WATER VALVE IN MANHOLE	●	Ⓦ
HYDRANT		
CENTERLINE		
ODOT RM–1.1 MONUMENT		
WOOD COUNTY TYPE A MONUMENT ASSEMBLY		



LOCATION MAP
SCALE: 1" = 400'

NORTH

OHIO UTILITIES PROTECTION SERVICE

CALL 1–800–362–2764
TWO WORKING DAYS
BEFORE YOU DIG

NON–MEMBERS MUST BE CALLED DIRECTLY

STORM WATER FACILITIES WHICH ARE NOT LOCATED IN EASEMENTS OR THE PUBLIC RIGHT–OF–WAY SHALL BE PRIVATELY OWNED AND MAINTAINED. FAILURE TO MAINTAIN PRIVATELY OWNED STORM WATER FACILITIES MAY RESULT IN ENFORCEMENT ACTION.

STANDARD DRAWINGS

ODOT

RM–1.1	ROADWAY MONUMENTS	1/15/21
BP–7.1	NEW CURB RAMPS	1/21/22
HW–2.2	HALF–HEIGHT HEADWALL FOR CONCRETE PIPE	7/20/18

WOOD COUNTY

TYPE A MONUMENT ASSEMBLY
STANDARD BARRICADE
MOUNTABLE CURB & GUTTER, TYPE F
~~STANDARD HEADWALL HW–1~~ 2
CONCRETE CURB, TYPE A

SCALES

PLAN ..... 1" = 50'
PROFILE, HORIZONTAL ..... 1" = 50'
PROFILE, VERTICAL ..... 1" = 5'
CROSS–SECTION, HORIZONTAL ..... 1" = 20'
CROSS–SECTION, VERTICAL ..... 1" = 5'

APPROVED BY

Alice Godsey 5/24/2022
CITY OF PERRYSBURG DATE
DIRECTOR OF PUBLIC UTILITIES
ALICE GODSEY, P.E.

5/31/22
CITY OF PERRYSBURG DATE
DIRECTOR OF PUBLIC SERVICE
ROB ROSS

DEVELOPED BY:

FIVE POINT PARTNERS LLC.
5135 SOUTH MAIN STREET
SYLVAINA, OHIO 43560

7/26/2022
NAME DATE
PRESIDENT

RECORD CONSTRUCTION 7/11/24

Feller Finch & ASSOCIATES, INC.
Engineers . Surveyors
1683 Woodlands Drive, Maumee, Ohio 43537
Phone: (419) 893-3680
Fax: (419) 893-2982
www.fellerfinch.com

REVISION	DATE
RECORD DRAWINGS	11-21-23
AT&T EASEMENT & STORM REVISION	2.17.23
STORM REVISION	8.12.22
STORM REVISION	8.10.22

TITLE: PAVEMENT AND DRAINAGE
PROJECT: FOUNTAIN POINT VILLAS

STATE OF OHIO
GREGORY N. FELLER
E-69055
REGISTERED
PROFESSIONAL ENGINEER

SIGNED 5/20/22
DATE

DESIGNED BY: ZTB
DRAWN BY: LTR
CHECKED BY: ZTB
REVIEWED BY: GNF

DATE: 9–12–22
PROJECT: 10E08554

© 2022 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

PART 1 GENERAL

1.1 SUMMARY

A. Storm sewers, 60 inches in diameter and smaller.

B. Pavement for local roads.

C. Audio-DVD/CD taping of existing and new storm sewer interiors.

1.2 STANDARDS

A. All materials and construction shall be in accordance with the Standards and Specifications of the City of Perrysburg (the City) Department of Public Service/Utilities, and/or the American Society for Testing and Materials (ASTM), and/or the Wood County Engineer, and/or the Ohio Department of Transportation (ODOT) Construction and Material Specifications (CMS). In case of conflict, City Standards and Specifications shall take precedence.

B. All references to Standards and Specifications are to the latest edition, unless otherwise noted.

C. The City's Pavement and Storm Sewer Standard Details apply to these specifications.

1.3 PRE-CONSTRUCTION MEETING, INSPECTION, AND PERMITS

A. The Department of Public Utilities (419-872-8050), shall be notified seven calendar days prior to the beginning of actual construction.

B. Any work within the City's public rights-of-way requires a Street Opening Permit which is obtained from the Departments of Public Utilities, at 211 East Boundary Street, 419-872-8050.

C. All storm sewer installation and testing shall be inspected by the City or its representative.

D. The City or its representative shall be present during all storm sewer TV inspection and taping.

1.4 DEFINITIONS

A. Bedding: Material placed under, beside and directly over the pipe for the full width of the trench, from a depth of 4 inches below the outside bottom of the pipe barrel, when the pipe is laid on its final grade, up to a horizontal plane a distance of 12 inches above the top of the pipe barrel.

1.5 REGULATORY REQUIREMENTS

A. Construction operations shall comply with the City's Noise and Vibration Control Ordinance, Section 634.11, as follows:
1. No person shall use any pile driver, shovel, hammer derrick, hoist tractor, roller or other mechanical apparatus operated by fuel or electric power in building or construction operations between 10:00 p.m. and 6:00 a.m. of the next day in a residential area or within 500 feet of a school or church, except for temporary conditions approved by the Service-Safety Director.
2. No person shall perform any construction or repair work on any structure or building, or perform any excavation or road work, when such work entails the use of any power operated construction type device in such a manner that the noise created thereby substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment.
3. Whoever violates any of the provisions of this section is guilty of a minor misdemeanor for a first offense and a misdemeanor of the fourth degree for any subsequent offense. Punishment shall be as provided in Ordinance Section 698.02.

B. In accordance with Ordinance 1040.07, Rule 24 of the City's Streets, Utilities, and Public Services Code, "The sewer contractor shall be required, for two years after the completion of the work, to make all necessary repairs, including filling and seeding if settlement occurs." The sewer contractor is the Contractor responsible for the performance of the Work.

1.6 QUALITY ASSURANCE

A. Pipe Sewers, Manholes and Appurtenances:
1. The manufacturer shall furnish an affidavit indicating that all pipe, fittings, manholes, catch basins and appurtenances have been manufactured and tested in accordance with the requirements of the applicable referenced Standards. A copy of the affidavit, indicating the project on which the material is to be used, shall be forwarded to the City prior to construction.
2. All pipes, fittings, manholes, catch basins, and appurtenances shall be appropriately marked for identification purposes. The materials and methods of manufacture, and completed pipes, fittings, manholes, catch basins, and appurtenances shall be subject to inspection and rejection at all times. The City has the right to make inspections.

B. Pipe Sewer Inspection:
1. Contractor shall have a minimum of 5 years experience in inspection of pipeline sewers in addition to TV-DVD/CD and summary reports.
2. Perform Work in accordance with the latest standards for TV-DVD/CD recording procedures.
3. Operation of equipment shall be controlled from above ground.
4. The City shall have access to view monitor at all times.
5. Inspection shall include pipe sewers from manhole to manhole.
6. New sewers and existing sewers shall have its own separate DVD/CD and separate documentation.
7. Label new and/or existing accordingly for all documentation.

1.7 RESTORATION

A. All existing features that are disturbed due to construction activities, such as mailboxes, shrubs, bushes, guardrails, pavement markings, swales, sewers, catch basins, curbs, seeded areas, etc., shall be replaced to their original condition, unless otherwise specified, in accordance with current ODOT specifications and to the satisfaction of the City. Existing survey monuments, bench marks, property corner points, and control points damaged or disturbed by construction shall be replaced by a registered land surveyor, licensed in the State of Ohio.

B. Restoration of street openings shall be in accordance with the City's Standard Street Opening Repair Details.

C. In existing streets, provide a temporary pavement upon completion of backfilling operations and maintain same until the permanent pavement can be placed. Temporary pavement shall be a minimum 2-inch thick asphalt concrete mix in accordance with ODOT Item 614.13.

D. Regrade and reshape all road shoulders and all ditches and swales from existing high points to existing drainage structures or other outlets along the proposed improvement. Ditches which are reshaped shall have reasonable side slopes. Vertical or steep slopes will not be permitted.

E. Seed all disturbed earth areas using the hydroseed method or placement of sod, both seed mixture and sod type shall be as approved by the City.

1.8 DESIGN REQUIREMENTS

A. PVC Plastic Pipe and Fittings: Sewers 36 inch in diameter and smaller shall be of PVC plastic pipe and fittings, or other material as approved by the City.

B. Concrete Pipe and Fittings: Sewers greater than 36 inch in diameter shall be Reinforced Concrete Pipe (RCP), ASTM C76 of Classes noted on Drawings, spigot and socket pattern, pipes of greatest lengths commercially available; ASTM C443 rubber gasket joints with gasket confined in a groove. Branches on fittings in the main line for connections shall be of the same material and incorporate joints as specified for the type of pipe which will be connected. Branches shall be cast with the concrete pipe by the pipe manufacturer and shall not be done in the field;

2.4 BACKFILL

A. Earth Backfill: Excavated earth material. Use finely divided material, free of stones 3 inches or greater in any dimension, to at least 3 feet above pipe top.

B. Granular Backfill: ODOT Item 304, crushed limestone.

C. Controlled Density Fill (CDF): A mixture of Portland cement, fly ash, and selected granular materials with a compressive strength of 100 psi; Kuhlman Corporation "K-Krete", or as approved.

2.5 LOCAL ROADS

A. Asphalt Concrete Pavement:
1. 1-1/2 inches ODOT Item 448, Type 1 (medium traffic) Surface Course, PG 64-22.
2. 2 inches ODOT Item 448, Type 2 (medium traffic) Intermediate Course, PG 64-22.
3. 10 inches ODOT Item 304, Aggregate Base (placed in 2 lifts).
4. On aggregate base, apply ODOT Item 408 Prime Coat at rate of 0.35 gallons per square yard. Installation to be as directed by the City.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface courses and joints.
6. Sealer for Contact and Mating Surfaces and Joints: Comply with ODOT Items 401.14 and 401.17.
7. Pavement Sealer: When requested by and as approved by the City.

B. Concrete Driveways and Parking Areas:
1. Pavement: ODOT Item 452 Non-Reinforced Portland Cement Concrete Pavement.
   a. Commercial Drives: minimum 9 inch thick or match existing
   b. Residential Drives: minimum 6 inch thick or match existing
2. Reinforcement: Match existing.
3. Hook Bolts:
   a. Provide 5/8-inch hook or deformed bolts where new abuts existing.
   b. Furnish and install at 30 inches center-to-center where new abuts existing longitudinally.
   c. When thickness is less than 10 inches, as determined by the City, furnish and install at 20 inches center-to-center where new abuts existing transversely.
   d. When thickness is greater than 10 inches, as determined by the City, furnish and install at 26 inches center-to-center where new abuts existing transversely.

C. Concrete Curbs: ODOT Item 609.04; Class C concrete.

D. Pipe Underdrains: ODOT Item 605 using pipe 706.06, 706.07, 706.08 or 707.41.

2.6 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Neenah Foundry Company, R-1978-A2 with bolted lid.

2.7 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Materials:
1. Follow current ODOT Specifications 712.14 as modified herein:
2. Truncated Domes: Shall consist of cast-in-place reinforced polymer composite tiles.
3. Material supplied shall be red color, and installed by pressing tiles into place in the freshly poured concrete.
4. Material supplied and installed shall meet ODOT Standard Drawings and current approved products as listed at: http://www.dot.state.oh.us/Divisions/Engineering/Roadway/DesignStandards/roadway/Pages/Approved%20Products.aspx (DETECTIBLE WARNINGS)

B. Concrete: ODOT Class C.

PART 3 EXECUTION

3.1 STORM SEWER PIPE AND FITTINGS

A. Install PVC plastic pipe and fittings in accordance with ASTM D2321 and the requirements of these specifications.

B. Install concrete pipe within the maximum allowable depths (ground surface to invert) and the maximum allowable trench widths (at the top of the pipe) as specified in 1.8.B.

C. Excavate trenches to a depth of 4 inches below the outside bottom of the pipe barrel and bell when the pipe is laid on its final grade to allow for bedding material.

D. Place bedding material (ODOT No. 67 or No. 57 crushed limestone) under, beside, and to 12 inches over the pipe sewer for the full width of the trench; place in 6 to 12-inch layers, loose measure, and work the crushed stone around the pipe to provide even support, to fill all voids, and to lightly compact the crushed stone (by hand).

E. Install pipe at a minimum 10 feet horizontal distance from water mains and hydrants, and lay pipes at a minimum 18 inches vertical distance from water mains at their crossing, both as measured between the outside of the pipe walls. At crossings, install one full length of pipe so both joints will be as far from the main as possible.

F. From the top of the bedding to a point 5 feet below the adjacent ground level, backfill trenches in and within 5 feet of the edge of existing and proposed paved or stoned streets, alleys, and parking areas with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 36-inch layers, loose measurement. Mechanically level the crushed stone and compact each layer with an excavator-mounted vibratory plate compactor that produces a rated compactive force of at least 9 psi. Each layer to receive a minimum of two complete passes, except where CDF is indicated on the Drawings.

G. The top 5 feet of the trench shall be backfilled with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 12-inch loose layers and mechanically compact to not less than 100 percent of the maximum dry unit weight as determined in accordance with ASTM D698 (Standard Proctor), except where CDF is indicated on the Drawings.

H. For trenches within 5 feet from the edge of existing and proposed paved or stoned streets, alleys, and parking areas, backfill with compacted granular material as specified above for trenches coming within same.

I. For backfilling trenches yard and grass areas, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 18-inch layers, loose measurement, and compact by mechanical tamping. Place remainder of backfill in maximum 12-inch layers, loose measurement, and compact by mechanical tamping.

J. For backfill trenches within 5 feet of existing and proposed sidewalks and driveways, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 12 inch layers, loose measurement, and compact by mechanical tamping. In no case shall the cemaction be less than 92% as determined by the Standard Proctor Test.

K. Changes in pipe material to meet City Specifications shall occur only at manholes and catch basins.

3.2 MANHOLES AND CATCH BASINS

A. All manholes and catch basins shall be installed without sumps or traps.

B. Install base with top surface level; install on cushion of approved compacted granular material, minimum of 3 inches thick.

maximum allowable depths (ground surface to invert) and the maximum allowable trench widths (at the top of the pipe) for the various classes and sizes of ASTM C76 reinforced concrete pipe shall be as follows:

ASTM C76	CLASS II		CLASS III	
Pipe Diameter	Depth	Trench Width	Depth	Trench Width
42 inch	12'	6'-3"	16'	6'-3"
54 inch	13'	7'-6"	16'	7'-6"
60 inch	14'	8'-0"	18'	8'-0"

ASTM C76	CLASS IV		CLASS V	
Pipe Diameter	Depth	Trench Width	Depth	Trench Width
42 inch	25'	6'-3"	35'	6'-6"
54 inch	25'	7'-6"	35'	8'-0"
60 inch	27'	8'-0"	35'	8'-6"

C. Manholes shall not be designed or constructed to be located within the landscaped islands of cul-de-sacs.

1.9 SEWER INSPECTION SYSTEM REQUIREMENTS

A. Camera:
1. Capable of operation in 100 percent humidity conditions.
2. Specifically designed and constructed for intended service.
3. Resolution: 500 lines per inch; color image.
4. Provided with built-in lighting system.
5. Provide remote operation of lighting system and camera.
6. Provide with pan and tilt rotating head capabilities.
7. Footage Meter: Provide equipment with a footage meter so that the location of the camera and point of observation is known at all times.

B. Monitor:
1. Located inside mobile TV studio large enough to accommodate a minimum of four people to view the monitor at all times.
2. Capable of providing a color picture.

C. DVD/CD Recorder:
1. Compatible with closed circuit TV to allow for direct recording during inspection.

PART 2 PRODUCTS

2.1 PIPE MATERIAL

A. PVC Plastic Pipe and Fittings:
1. ASTM **D3034** (6" thru 15" pipe sewer at manufacturer's recommended depth).
2. ASTM **F679** (18" thru 21" pipe sewer at manufacturer's recommended depth).
3. ASTM **F794** Ultra Rib (24 " thru 30" for depth up to 22'), **ASTM F949** A-2000 (24" thru 36" for depths up to 22'), or **ASTM F1803** Vylon (24" thru 36" pipe sewer at manufacturer's recommended depth), as applicable and approved by the City, for the sizes involved, minimum pipe stiffness of 46 psi at 5 percent deflection when tested in accordance with ASTM D2412, ASTM D3212 elastomeric gasket joint (integral bell), push-on type with bell designed to retain the gasket to prevent pull-out during making of the joint.
4. An exception shall be made for ASTM D3034 PVC plastic fittings 8 inches in size and smaller, with such fittings to have a minimum wall thickness of SDR 35 as defined in Section 7.4.1, and elastomeric joints and minimum socket depths in accordance with Sections 6.2 and 7.3.2; to be molded in one piece using ASTM D1784 having a cell classification of 12454-B or C, or 12364-A; ASTM F477 gaskets having a minimum cross sectional area of 0.20 sq. In.

B. Concrete Pipe and Fittings: ASTM C76 of Classes noted on Drawings, spigot and socket pattern, pipes of greatest lengths commercially available; ASTM C443 rubber gasket joints with gasket confined in a groove.

2.2 MANHOLES AND CATCH BASINS

A. Materials:
1. Precast Concrete Sections: ASTM C478.
2. Cast-In-Place Concrete: ODOT Class C concrete.
3. Concrete Fill: ODOT Class F concrete.
4. Rubber Gasket Joints: ASTM C443.
5. Manhole Steps: ASTM C478.
6. Castings: ASTM A48, Class 30B heavy duty gray iron.
7. Mortar: ASTM C270, Type S with no masonry cement; compose using two parts Portland cement to two parts sand by volume.
8. Stone Fill: Standard size number 67 stone or as otherwise approved.
9. Grout: Non-shrinking and non-corrosive: Five Star Grout by Five Star Products, Inc.; Sealtight 588 Grout by W.R. Meadows, Inc.; or as approved.

B. Components:
1. Bases: Integral or separate base riser and base slab; openings for pipe to be preformed or cored by manufacturer, with openings exceeding pipe outside diameter by more than 6 inches cause for rejection, provide transition sections when base is greater than 48 inches diameter.
2. Walls: Vertical precast concrete riser sections with rubber gasket joints.
3. Tops: Eccentric cone top section narrowing down to a minimum 3-inch high vertical neck with an inside diameter of not less than 24 inches and outside diameter not less than that of grade rings, except reinforced flat slab top for manholes and catch basins too shallow to accommodate a cone section; design flat slab tops to withstand H-20 traffic loading and submit design calculations to the City upon request. Provide grade rings for a minimum height of 4 inches and a maximum height of 12 inches as required to set castings at proper elevation; ring inside diameter equal to the top section access opening, and outside diameter not less than the outside diameter of the casting frame.
4. Manhole Steps: Aluminum or reinforced polypropylene.
5. Rear Yard catch Basin: ASTM C14, class 2 Non-reinforced concrete pipe with knockouts as indicated.
6. Manhole and Catch Basin Frames and Covers or Grates:
   a. Manhole Frame and Cover: East Jordan Iron Works, Inc. (EJWI) Catalogue 1040 with solid lid type B or as approved; machined surface, frame with 24 inch diameter clear opening, and 7 inch height, Lids to have "CITY OF PERRYSBURG, OHIO" – "STORM" cast into top.
   b. Manhole and/or Catch Basin Flat Frame and Grate: East Jordan Iron Works, Inc., Catalogue No. 1040 frame with Type M1 flat grate, or as approved; machined surface, frame with 24 inch diameter clear opening, and 7 inch height.
   c. Catch Basin Inlet Frame and Grate in Roll Curb: Neenah Foundry Company, R-3501 inlet for roll type curb, or as approved; inlet grate shall be either TR (flow right) or TL (flow left) as required for each application and shall conform to contour of curb section.
   d. Catch Basin Inlet Frame and Grate in Straight Face Curb and Curb and Gutter: Neenah Foundry Company, R-3274-A curb box with Type C grate; or as approved; curb box to conform to contour of curb section; picture of a "FISH" and "DUMP NO WASTE" – "DRAINS TO RIVER" cast into top of curb box; provide flat curb plate as required; complete with anchor bolts for embedment in concrete curb.
   e. Catch Basin Frame and Convex Grate in Front Lawn Area: Neenah Foundry Company, R-1643 with Type B standard convex grate, or as approved; machined surface, frame with 24 inch diameter clear opening, and 7-1/2 inch height.
   f. Catch Basin Frame and Grate in Rear Lawn Area: Neenah Foundry Company, R-5901-E frame with R-2564 grate, or as approved.

2.3 BEDDING MATERIALS

A. Granular: ODOT Item 703, Size No. 67 or No. 57 crushed limestone.

B. Concrete Encasement: ODOT Class C concrete.

C. For pipe connections, fill area between pipe and opening with grout, inside and outside of structure.

D. Install wall sections plumb and level. When walls include steps, install with steps in the center of a traffic lane or between lanes where possible when in pavement, and, when outside pavement, with steps located away from the pavement edge unless the manhole is within a ditch line, then locate steps on the high side of the ditch slope.

E. Set grade rings in a full bed of mortar and mortar the interior of the grade rings to provide a smooth common surface from frame to top.

F. Set casting frames firmly on top of grade rings with a full leveling bed of 1:1 cement mortar; in paved areas, make casting top 1/4 inch below top of pavement surface; in unpaved streets and alley areas, set the cover not to exceed 1 inch above the ground surface. On right-of-way and in ditches cover elevation shall be as approved by the City.

G. If not integrally cast with the base, after pipe installation provide an Class F concrete invert having a depth equal to 1/2 the sewer pipe diameter and sloping upward toward walls approximately 3 inches; trowel concrete smooth. For concrete inverts integrally cast with the base, fill any void between base and wall with Class F concrete to match top of shaped invert.

H. Encase all manhole frames located in pavement in concrete extending from a horizontal plane 4 inches below the lowest grade ring up to the top of the frame, unless otherwise shown or noted. Make the concrete encasement circular in plan by using a minimum 48-inch diameter steel casing ring as a form, centered on the frame.

I. For rear yard catch basin, pour a 4 inch thick Class C concrete base upon compacted subgrade. Install catch basin pipe to finish grade, bell end up, upon base; connect pipes, and backfill; set frame and grate.

J. Each lot shall have direct access to a rear yard catch basin, per the standard details.

K. Manholes and catch basins shall be located no further than 15 feet behind back of curb or edge of pavement unless approved by City of Perrysburg.

3.3 SERVICE CONNECTIONS

A. Provide for existing and future houses and businesses; minimum 6 inches in diameter unless otherwise shown; maximum two service connections per lateral; install at 1 percent slope.

B. New pvc pipe sewers 27 inch diameter and less: connect to the main sewer by providing an appropriate sized manufacturer wye.

C. New pvc pipe sewer connections: greater than 27 inch diameter: for services up to 15 inch diameter connect to the main sewer by making a direct connect by providing an inserta tee manufactured by Inserta Fittings, or as approved by the City, for up to 8 inch diameter services, connect to the main sewer by using an appropriate size stainless steel sewer pipe saddle, as manufactured by General Engineering Company.

D. Existing pvc sewer pipe sewer connections: for up to 15 inch diameter services, connect to the main sewer by making a direct connect by providing an inserta tee manufactured by Inserta Fittings.

E. New and existing concrete pipe sewers 12 inch diameter and larger: for 6 and 10 inch diameter services connect to the main sewer by providing a Kor-N-Tee pipe to pipe lateral connector as manufactured by NPC. Hole shale be cored by using a diamond bit drill of the appropriate size. For 12 inch and 15 inch diameter, connect to the main sewer by providing an inserta tee manufactured by Intera Fittings.

F. Install 3 feet minimum into each lot, or as otherwise noted, true to line and on at least 1 percent grade with a minimum depth of 5 feet at the plug or the maximum depth possible for main sewers less than 5 feet deep.

G. Provide riser sections of pipe and fittings between the main line sewer connection and that portion installed on at least a 1 percent grade where depths to the main sewer invert exceed 12 feet. Fix riser in place for its full height by providing thoroughly tamped pipe embedment material as shown.

H. Close service connections not immediately connected to an existing sewer with a sewer pipe plug. Plug shall be specifically designed for use with the pipe, shall be for use as a permanent or temporary plug, shall be watertight, and shall be removable without damaging the pipe.

I. Do not backfill the ends of service connections until the location is referenced in accordance with the detail on the Drawings. Provide a 2-inch square oak pole accurately placed over the terminus of each service connection and extending vertically flush with the surface of the ground so that it can be located.

3.4 CONNECTIONS TO STRUCTURES AND PIPES

A. Connect new sewers to structures through stubs, wall castings, wall sleeves, etc. provided for same, or make an opening at the proper elevation in the wall of the structure, insert the pipe, and neatly and permanently close the opening around the pipe with grout.

B. Make connections watertight.

C. Where necessary, reshape the bottoms of existing structures to give a smooth flow in all directions.

D. Connect unlike types and sizes of pipe using proper adapter or connector by Fernco, Inc., Joints, Inc., or as approved.

3.5 SEWER INSPECTION

A. Preparation:
1. Upon successful completion of all testing verify with the City new and existing sewers to be TV inspected.
2. Flush and clean sewer interiors to remove sludge, dirt, sand, stones, grease, debris, and other materials from the pipe to ensure clear view of interior conditions.
3. Contractor shall intercept debris at downstream manhole, remove and disposed at an approved location off-site. Provide written documentation to the City indicating disposal site location.
4. Provide materials, labor, equipment, power, and maintenance to implement a temporary by-pass pumping system around the work area for time required to complete TV inspection.
5. Coordinate with the City proposed time and duration of by-pass pumping.

B. Closed-Circuit TV (CCTV) Camera System:
1. Use equipment specifically designed and constructed for closed-circuit sewer inspection.
2. Utilize camera with pan and tilt capabilities to view entire sewer and each lateral connection at multiple angles.
3. Provide appurtenances and artificial lighting as required to enhance the quality of the inspection.
4. Use equipment capable of traveling upstream and downstream.

C. Inspection Operations:
1. The camera shall be moved through the pipe sewer in either direction at a moderate rate (at no time shall the speed be greater than 30 feet per minute).
2. The camera shall be stopped when necessary to permit proper documentation of the sewer's condition.
3. All service connections and inlets shall be noted on the tape.
4. Manual winches, power winched, TV cable and powered rewinds or other devices that do not obstruct the camera view or interfere with proper documentation of the sewer conditions shall be used to move the camera through the sewer line.
5. When manually operated winches are used to pull the television camera through the sewer, telephones or other suitable means of communication shall be set up between the two manholes on the section being inspected to insure good communications between members of the crew.
6. Documentation made during inspection operations must conform to the following guidelines:

RECORD CONSTRUCTION 7/11/24

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

a. Meet minimum standards for CCTV inspection of sewers as prepared by the National Association of Sewer Service Companies (NASSCO).
b. Log Sheet: A written log sheet must accompany each DVD/CD.
c. For new sewers, Contractor shall utilize and make reference to manhole numbering as shown and indicated on the project Drawings.
d. For existing sewers, Contractor shall prepare and provide a map indicating manhole numbering.
e. Reference to new and existing manhole numbers on the DVD/CD, summary report, and pictures shall be consistent with the numbering sequence on the Drawings and on the map provided by Contractor.

3.6 LOCAL ROADS (UNLESS OTHERWISE APPROVED OR DIRECTED)

A. Prepare subgrade in accordance with ODOT Item 203. Where it is necessary to construct pavement subgrade in fill, remove the existing topsoil beneath the proposed subgrade.

B. Asphalt Concrete Pavement:
1. ODOT Item 304; construct a 10-inch thick aggregate base in two equal lifts.
2. ODOT Item 408; apply prime coat at the rate of 0.35 gallons per square yard to the aggregate base. Installation to as be directed by the City.
3. ODOT Item 448; construct a 2-inch thick asphalt concrete intermediate course.
4. ODOT Item 448; construct a 1-1/2-inch thick asphalt concrete surface course.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface course and joints.
6. Pavement sealer; apply as instructed by manufacturer.

C. Concrete Driveways and Parking Areas: ODOT Item 452.

D. Concrete Curbs: ODOT Item 609.04 Type 2 Combination Curb and Gutter or Type 6 Curb.

E. Pipe Underdrains: ODOT Item 605.03, and as shown on ODOT Standard drawing DM-1.2 and approved Drawings.

3.7 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Place Type C monuments in accordance with ODOT Item 604, and Standard Construction Drawing RM-1.1.

3.8 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Material to be supplied shall meet ODOT's Office of Roadway Engineering Services Truncated Domes Approved List.

B. Installation shall be in accordance with ODOT's latest Standard Construction Drawings for New Curb Ramps (with Truncated Domes) BP-7.1 and Retrofitted Curb Ramps BP-7.2.

C. All curb ramps/retrofitted curb ramps shall include new ODOT Class C concrete where truncated dome material is to be installed.

D. The City will approve proposed material to be installed.

3.9 FIELD QUALITY CONTROL

A. The City may check compaction of the bedding and backfill at any time.

B. All testing shall be in the presence of the City or its' representative.

C. For compacted bedding and backfill in trenches and for concrete work, the City may require the employing a testing laboratory to make tests on Site.
1. The City will pay for required testing that meets the City bedding and backfilling specifications.
2. Contractor shall pay for any retesting required to meet specifications.

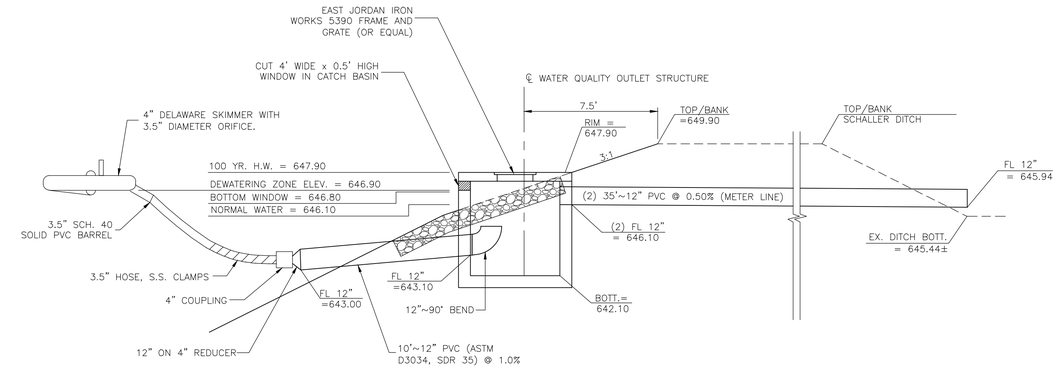
D. Deflection Test:
1. Test 8-inch diameter and larger PVC plastic pipe for a maximum deflection of 5 percent not less than 30 days after final full backfill has been placed, as determined by the City.
2. Conduct deflection tests with a representative of the City present.
3. Repair or replace pipes exceeding a deflection of 5 percent and then retest until satisfactory test results are obtained. Retesting shall not take place prior to 30 days after the pipe repair/replacement and backfill have occurred. For sewers requiring retesting for deflection and previously tested for leakage, upon obtaining satisfactory deflection test results, retest the affected sewer section for leakage.
4. Conduct tests by pulling an approved deflection probe, having a diameter not less than 95 percent of the base inside diameter or average inside diameter of the pipe depending on which is specified in the ASTM Specification, including the appendix, to which the pipe is manufactured, through the sewer line without mechanical pulling devices. Have a proving ring with an inside diameter equal to the outside diameter of the probe available at the time the probe is used to verify that the probe has the proper diameter by inserting the probe into the ring. The pipe shall be measured in accordance with ASTM D2122.
5. Deflection Probe: By Wortco, Inc., Burke Concrete Accessories, Inc., or as approved; designed specifically for testing the deflection of the type and size of pipe subject to test, and complying with the following:
a. Odd number (no less than 9) of 1/2 inch by 3/16 inch bar stock runners equally spaced on edge around and welded to the circumference of two minimum 1/4 inch thick circular steel plates.
b. Distance between plates, out-to-out, of not less than 2 inches smaller than the nominal diameter of the pipe to be tested, with runners extending approximately 1-1/2 inches beyond each plate being bent inward for this distance at approximately 30 degrees.
c. Continuous 3/4-inch threaded rod through the center of the plates, having a hex nut drawn tight against the inside face of each plate, and extending each side as required for providing a 3/4-inch ferrule loop insert or similar piece for attaching the pulling medium.

3.10 MAINTENANCE OF TRAFFIC

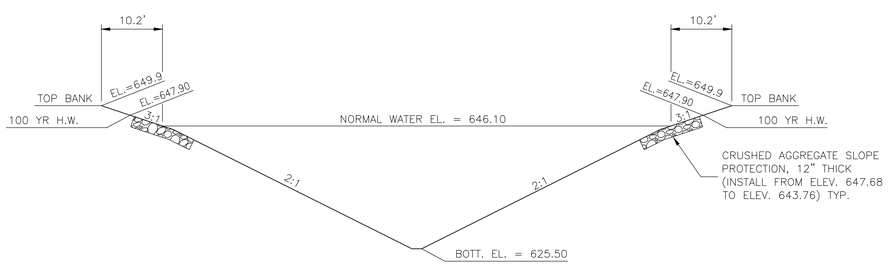
A. Two-way traffic shall be maintained at all times on dedicated roads. If construction along dedicated roads interferes with traffic, Contractor shall provide two flaggers and other traffic control devices in accordance with the latest edition of the Ohio Manual of Uniform Traffic Control Devices.

C:\Users\nsommers\Desktop\11x17 storm specifications_revised_01-24-2017.docx

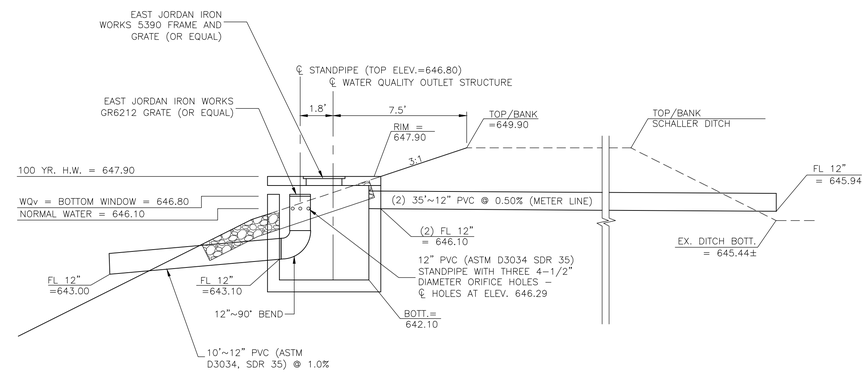
Revised: 01-27-2017



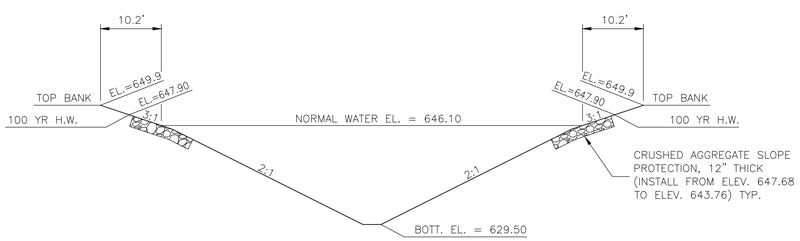
POND A OUTLET STRUCTURE (DURING CONSTRUCTION)
ODOT 2-5 CATCH BASIN, MODIFIED
1" = 4'



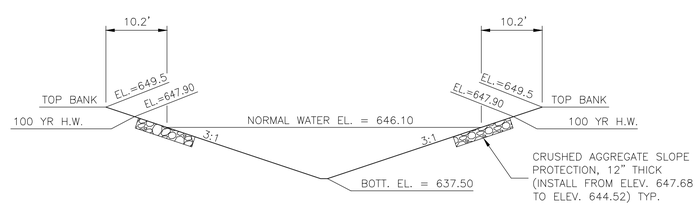
DETENTION POND A SECTION
NTS



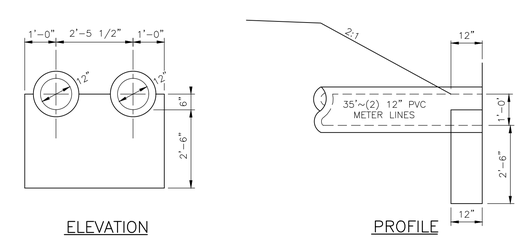
POND A OUTLET STRUCTURE (POST CONSTRUCTION)
ODOT 2-5 CATCH BASIN, MODIFIED
1" = 4'



DETENTION POND B SECTION
NTS



DETENTION POND C SECTION
NTS



ELEVATION PROFILE

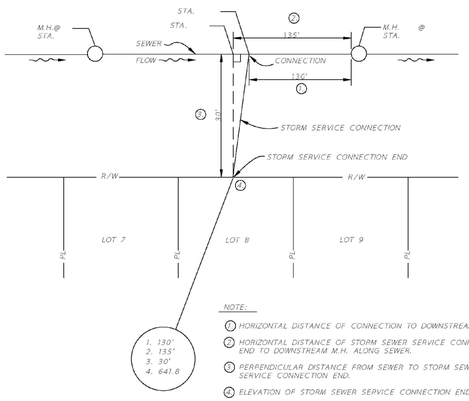
HW-2.2 HALF HEIGHT HEADWALL, MODIFIED
NTS
(REFER TO ODOT STD. CONSTRUCTION DRAWING HW-2.2 FOR ADDITIONAL NOTES AND DETAILS)

RECORD CONSTRUCTION 7/11/24

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

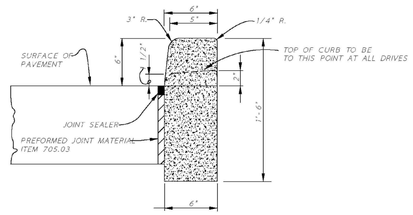


NOTE:

1. HORIZONTAL DISTANCE OF CONNECTION TO DOWNSTREAM M.H.
2. HORIZONTAL DISTANCE OF STORM SEWER SERVICE CONNECTION END TO DOWNSTREAM M.H. ALONG SEWER.
3. PERPENDICULAR DISTANCE FROM SEWER TO STORM SEWER SERVICE CONNECTION END.
4. ELEVATION OF STORM SEWER SERVICE CONNECTION END FLOW LINE.

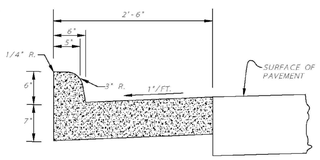
STORM SEWER SERVICE CONNECTION LOCATION REFERENCE

NO SCALE



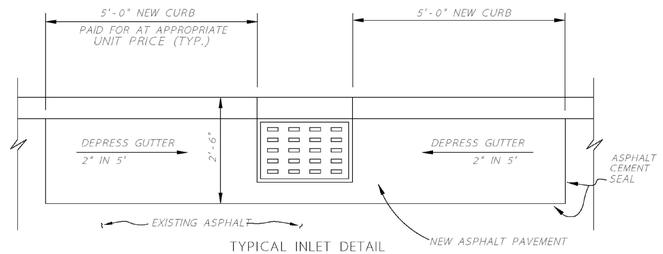
ODOT TYPE 6
CURB REPLACEMENT

NO SCALE



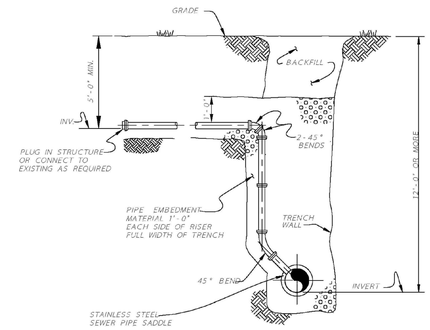
ODOT TYPE 2
COMBINATION CURB

NO SCALE



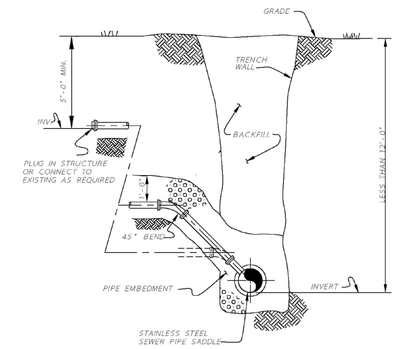
TYPICAL INLET DETAIL
WITH DEPRESSED GRATE

NO SCALE



SECTION

RISERS WHERE DEPTH
OF MAIN SEWER
EXCEEDS 12'-0"

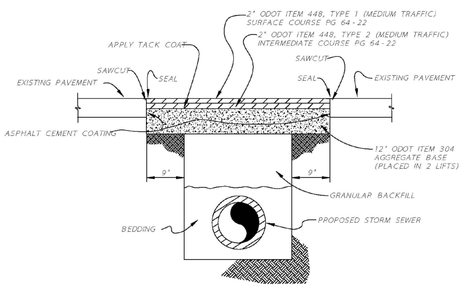


SECTION

CONNECTION WHERE
DEPTH OF MAIN SEWER IS
LESS THAN 12'-0"

STORM SEWER SERVICE CONNECTIONS OF STORM SEWERS 48" AND LESS

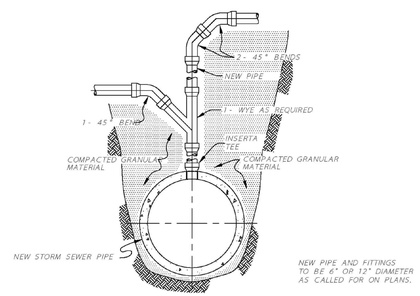
NO SCALE



SECTION

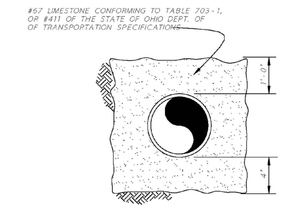
PERPENDICULAR STREET OPENING REPAIR DETAILS

NO SCALE



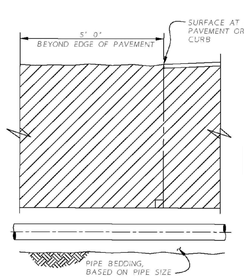
CONNECTION TO STORM SEWERS GREATER THAN 48" DIAMETER

NO SCALE



BEDDING DETAIL FOR PIPE SEWERS

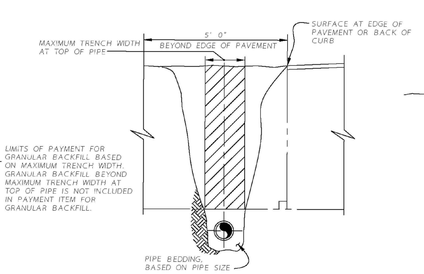
NO SCALE



SECTION

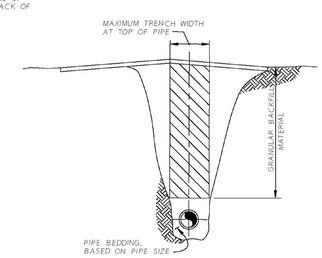
CROSSING PAVEMENT WITHIN MAXIMUM TRENCH WIDTH

LIMITS OF PAYMENT FOR GRANULAR BACKFILL BASED ON MAXIMUM TRENCH WIDTH. GRANULAR BACKFILL BEYOND MAXIMUM TRENCH WIDTH AT TOP OF PIPE IS NOT INCLUDED IN PAYMENT ITEM FOR GRANULAR BACKFILL.



SECTION

PARALLEL PAVEMENT WITHIN MAXIMUM TRENCH WIDTH

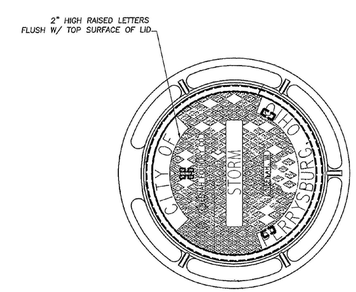


SECTION

INSIDE PAVEMENT

GRANULAR BACKFILL

NO SCALE



EAST JORDAN IRON WORKS, INC., CATALOGUE 1040 WITH SOLID LID TYPE B OR AS APPROVED; MACHINED SURFACE, FRAME WITH 24 INCH DIAMETER CLEAR OPENING, AND 7 INCH HEIGHT, LIDS TO HAVE "CITY OF PERRYSBURG, OH" - "STORM" CAST INTO TOP.

MANHOLE COVER

NO SCALE

REVISED
DECEMBER 2015

PAVEMENT AND STORM SEWER STANDARD DETAILS

CITY OF PERRYSBURG, OHIO

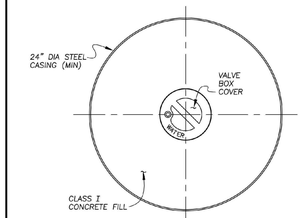
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF WATER POLLUTION CONTROL

RECORD CONSTRUCTION 7/11/24

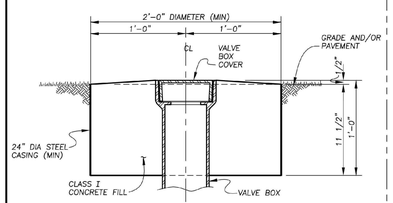
10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



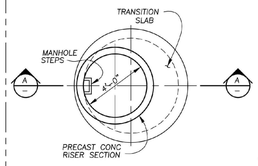
PLAN



SECTION

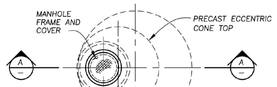
WATER VALVE BOX ENCASEMENT DETAIL

1 1/2" = 1'-0"



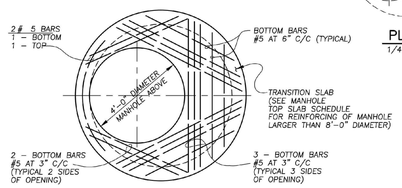
SECTIONAL PLAN (TOP MANHOLE)

1/4" = 1'-0"



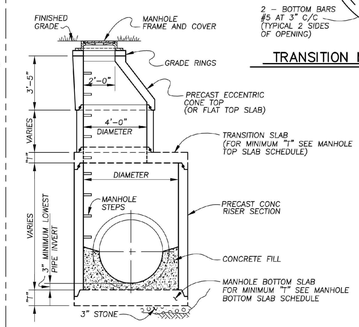
PLAN

1/4" = 1'-0"

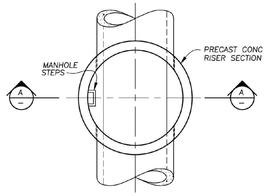


TRANSITION MANHOLE TOP SLAB PLAN

3/8" = 1'-0"



1/4" =1'-0"

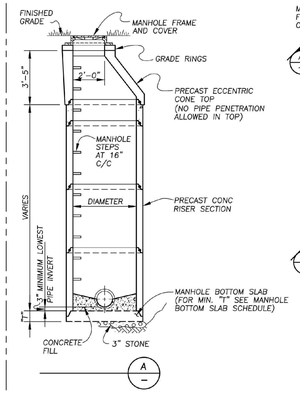


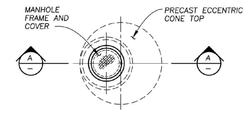
SECTIONAL PLAN (BOTTOM TRANSITION MANHOLE)

1/4" = 1'-0"

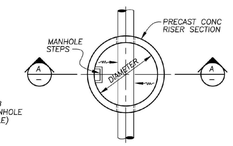
TRANSITION MANHOLE DETAILS

1/4" = 1'-0"





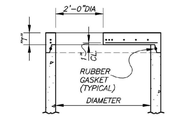
PLAN



SECTIONAL PLAN

MANHOLE DETAILS

1/4" = 1'-0"

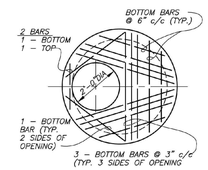


SECTION

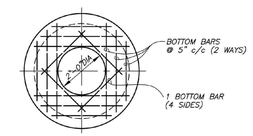
PRECAST TOP SLAB

MANHOLE TOP SLAB SCHEDULE*			
MARK	DIAMETER	MIN."T"	REINF. BAR SIZE
	4'-0"	6"	# 4
	5'-0"	8"	# 5
	6'-0"	8"	# 5
	7'-0"	8"	# 5
	8'-0"	10"	# 5
	10'-0"	10"	# 5

* IF DISTANCE FROM TOP OF FRAME TO TOP OF PIPE PENETRATION IS GREATER THAN 4'-4", A PRECAST ECCENTRIC CONE TOP MUST BE USED.



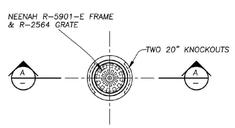
PLAN



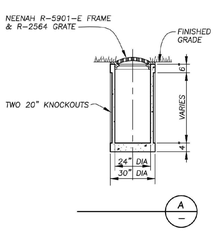
PLAN

MANHOLE TOP SLAB DETAILS

3/8" = 1'-0"

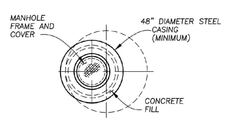


PLAN

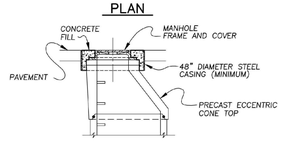


24" DIA REAR LAWN CATCH BASIN

1/4" = 1'-0"

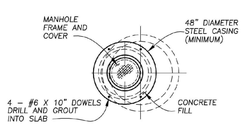


PLAN

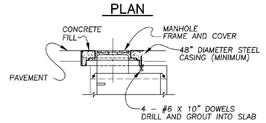


SECTION

AT CONE TOP



PLAN

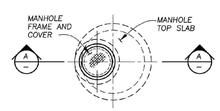


SECTION

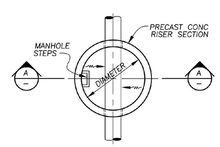
AT TOP SLAB

MANHOLE FRAME ENCASEMENT DETAILS

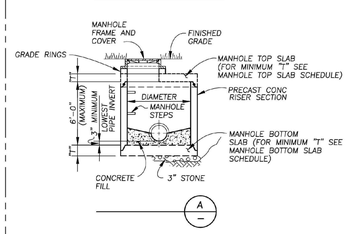
1/4" = 1'-0"



PLAN

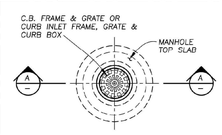


SECTIONAL PLAN

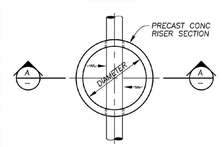


SHALLOW MANHOLE DETAILS

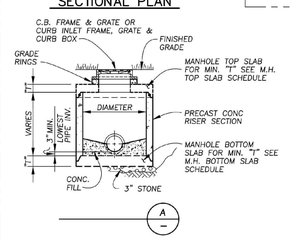
1/4" = 1'-0"



PLAN



SECTIONAL PLAN



CATCH BASIN DETAILS

1/4" = 1'-0"

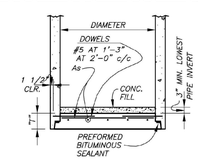
MANHOLE BOTTOM SLAB SCHEDULE				
MARK	DIAM.	MIN."T"	MIN."E"	MIN. As (each way)
	4'-0"	8"	4"	0.12 SQ.IN./FT.
	5'-0"	8"	6"	0.12 SQ.IN./FT.
	6'-0"	8"	6"	0.17 SQ.IN./FT.
	7'-0"	10"	8"	0.17 SQ.IN./FT.
	8'-0"	10"	10"	0.21 SQ.IN./FT.
	10'-0"	10"	10"	0.21 SQ.IN./FT.

NOTE: PLACE BOTTOM SLAB STEEL REINFORCEMENT IN TOP OF SLAB WITH 1 1/2" CONCRETE COVER.

CATCH BASIN SCHEDULE		
MARK	DIAMETER	REMARKS
	4'-0"	SEE M.H. TOP AND BOTTOM SLAB DETAILS ON THIS SHEET

NOTES:

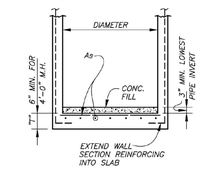
1. TOP ELEVATIONS NOTED ON PLANS FOR CATCH BASINS IN CURB IS TOP OF GRATE AT FACE OF CURB.
2. PROVIDE M.H. STEPS @ 16" c/c IN CATCH BASINS OVER 4' DEEP.



SECTION

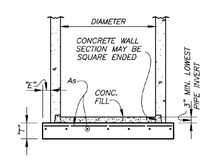
INTEGRAL PRECAST BOTTOM SLAB AND BOTTOM RISER

(CAST IN SEPARATE OPERATIONS)



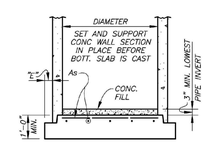
SECTION

MONOLITHIC BOTTOM SLAB AND BOTTOM RISER



SECTION

PRECAST OR CAST IN PLACE BOTTOM SLAB



SECTION

CAST IN PLACE CONC. BOTTOM SLAB

MANHOLE BOTTOM SLAB DETAILS

3/8" = 1'-0"

REVISED

PAVEMENT AND STORM SEWER STANDARD DETAILS

CITY OF PERRYSBURG, OHIO

DEPARTMENT OF PUBLIC SERVICE
DIVISION OF WATER POLLUTION CONTROL

RECORD CONSTRUCTION 7/11/24

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
3 STORM REV.	2.17.23	DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

GENERAL NOTES

1. REAR YARD DRAINAGE

All rear yard drainage swales shall be constructed in conjunction with pavement subgrade preparation. No public utilities shall be placed within the drainage and utility easements until the rear yard grading has been approved by the City of Perrysburg. All swales shall be restored after all utilities have been constructed, and then seeded and mulched per the seeding mixture included in the General Notes. Seeding and Mulching shall not be placed without approval of the City of Perrysburg.

2. ROOF DRAINS

Roof drains, foundation drains and all other clean water connections to the sanitary sewer are prohibited.

3. HAUL ROUTES

The Contractor shall maintain these routes in a condition acceptable to the City of Perrysburg during the life of the project. This maintenance includes the removal of mud, stone and other material hauled.

4. INSPECTION

Cost of inspection by the City of Perrysburg and the material samplings and testing shall be paid for by the Developer. Material sampling and testing shall be performed by a testing firm approved by the City of Perrysburg.

5. ROAD NAME SIGNS AND STOP SIGNS

Road name signs and stop signs will be placed by the City of Perrysburg at the expense of the Developer.

6. CURB RAMPS

Curb ramps shall be constructed at all locations where the sidewalk intersects the curb in accordance with the current ODOT Standard Roadway Construction Drawing No. BP-7.1 – "Curb Ramps With Truncated Domes". The curb drop at each location shall be installed by the Contractor at the time of curb construction. The walk and ramps shall be installed by the Home Builder, unless otherwise noted for installation by the Contractor.

7. EXISTING SEWERS

The Contractor shall conduct his operations so as to maintain storm sewer flows at all times and shall promptly replace in kind any storm sewers disturbed by construction to the satisfaction of the City of Perrysburg. The cost of making inspections and any repairing or correcting of sewers as a result of construction operations shall be included in the unit price for the pertinent bid item.

8. UNDERGROUND UTILITIES AND ADJUSTMENTS

The location of existing utilities shown on these plans is approximate. The exact location shall be verified by the Contractor. The Contractor shall notify each respective utility company at least seven (7) days prior to the time of construction. Any and all adjustments or extensions required for public or private utilities will be done by and at the expense of their respective owners, unless otherwise noted on the plans.

9. UTILITY OWNERSHIP

The following is a list of the owners of utilities that may be within the limits of construction.

Waterville Gas & Oil
11 N. River Road
Waterville, Ohio 43566
Phone: 419-878-4972

Buckeye Cablesystem
5566 Southwyck Boulevard
Toledo, Ohio 43614
Phone: 419-724-9810

Northwestern Water & Sewer District
12560 Middleton Pike
Bowling Green, OH 43402
Phone: 419-354-9090

Columbia Gas of Ohio
Toledo Engineering Group
2901 E. Manhattan Blvd.
Toledo, OH 43611
Phone: 419-539-6066

Columbia Pipeline Group/Transcanada
Findlay, Ohio
Phone: 419-722-1888

AT&T
130 North Erie St.
Toledo, Ohio 43604
Phone: 419-245-7023

Toledo Edison Company
6099 Angola Road
Holland, Ohio 43528
Phone: 419-249-5900

Ohio Utilities Protection Agency
1-800-362-2764

City of Perrysburg
201 W. Indiana Ave.
Perrysburg, Ohio 43551
Phone: 419-872-8050 (WPC Division)
Phone: 419-872-8050 (Water Division)
Phone: 419-872-8020 (Street Division)
Phone: 419-872-7880 (Engineering)

10. SEEDING, MULCHING AND FERTILIZING

All areas within right-of-way lines, the rear yard drainage swales, and the pond area above the aggregate slope protection shall be seeded, mulched and fertilized in accordance with ODOT Item 659 using the seed mixture as follows: 90% perennial ryegrass (lolium perrenne) 10% alsike clover (trifolium hybridum).

11. MAINTENANCE OF TRAFFIC

Two-way traffic shall be maintained at all times on dedicated roads. If construction along dedicated roads interferes with traffic, the Contractor shall provide at least two flaggers and other traffic control devices in accordance with the Ohio Manual of Uniform Traffic Control Devices for Streets and Highways. During periods of road closure on Fort Meigs Road, all signage for road closure and detour route to be included in Item Spec. Maintaining Traffic.

12. SUBGRADE IMPROVEMENT, UNDERCUT & BACKFILL WITH STONE

A contingency of 500 cubic yards of subgrade improvement has been carried to the general summary for use as directed by the City of Perrysburg. A minimum undercut shall be 6". Acceptable stone materials will be Number 1 and Number 2 size aggregate and ODOT Item 304 – Aggregate Base. Compaction shall be equal to or exceeding 95% of maximum modified Proctor dry unit weight (ASTM D-1557).

13. UNDERDRAINS

A contingency quantity of 800 lineal feet of Item 605, 6" Shallow Pipe Underdrains, has been carried to the General Summary for use as directed by the City of Perrysburg. Although the Contractor may choose to order and/or purchase this item for his convenience, only the amount actually placed as directed by the City of Perrysburg will be included for pavement.

14. STAKING RESPONSIBILITY

Initial construction staking for the project, including the sanitary sewer and waterline, will be provided by Feller, Finch & Associates, Inc. Three (3) days advance notice shall be provided for the requested staking. Any restaking of damaged initial staking will be performed at the expense of the contractor.

15. EXCAVATION AND EMBANKMENT, AS PER PLAN

The price bid for Item 203, Excavation, as per plan, and Item 203, Embankment, as per plan, shall be full compensation to successfully complete all excavation and embankment operations as indicated on the site grading plan and by the plan cross sections (See site volume table on Sheet 7). The Contractor shall accept the plan quantities as determined by the Engineer for payment. The burden of proof for a plan quantity discrepancy shall be on the Contractor. Fill material required to complete the site grading shall be obtained from the excess sewer and waterline trench excavation dirt; and the pond excavation dirt. All excess excavated material shall be placed on site as directed by the Owner.

Topsoil shall be removed from all roadway areas. Based on a topsoil thickness of 6", an estimated quantity of 130 cubic yards has been included in the excavation and embankment quantities for additional removal and replacement of topsoil in all areas where the bottom of the aggregate base course is above the existing ground surface.

The excavated on-site soils that are free of organic matter, excessive moisture, rock or stone fragments larger than three inches in diameter and debris may be used as fill material. Fill material should not be frozen nor be placed on a frozen base. The fill material required to achieve the design elevations should be placed in uniform loose layers of not more than eight (8) inches in thickness. Compaction of embankment areas shall be at least 100% as determined by the Standard Proctor Test. Suitable embankment materials also include ODOT Item 703.11 Type 1.

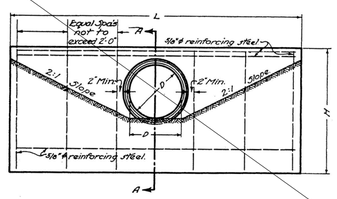
16. LAWN FERTILIZER REQUIREMENTS

The lawn installer shall certify that fertilizer application rates will not be applied in excess of Phosphorus loading rate necessary to establish a new lawn.

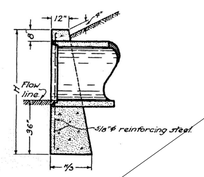
One year after completion of construction, landscaping maintenance provider is required to certify that fertilizer application rates did not exceed the Phosphorus loading rate necessary to establish new lawn and landscaping.

HEADWALLS

4



ELEVATION



SECTION A-A

STANDARD HW-1 HEADWALL

NOTES

HW-1 HEADWALL where required will be provided for nonskewed culverts having a diameter or rise of 36 inches or less:
CONCRETE shall be Class "C".
REINFORCING STEEL BARS shall be 5/8 inch round.

DIMENSIONS AND QUANTITIES are shown for circular sections only. It will be necessary to determine dimensions for the HW-1 headwall required for reinforced elliptical concrete pipe in accordance with the equations listed on this drawing.
Chamfer all exposed corners 3/4 of an inch.

FOUNDATION. Where the soil borings indicate a bearing capacity of less than 3600 pounds per square foot it will be necessary to increase the width of the base.

DIMENSIONS			QUANTITIES ONE HEADWALL	
DIAMETER	H	L	CONCRETE CU. YDS.	REINFORCING STEEL LBS.
15"	5'-2"	7'-0"	1.7	41
18"	5'-5"	8'-4"	2.2	57
21"	5'-8"	9'-8"	2.8	62
24"	5'-11"	11'-0"	3.3	69
30"	6'-5"	13'-8"	4.7	92
36"	7'-0"	16'-4"	6.5	105

L CIRCULAR SECTIONS = 5D + 4T
L ELLIPTICAL = 4R + 4T + S
H CIRCULAR SECTIONS = D + T + 44"
H ELLIPTICAL = R + T + 44"
D = DIAMETER OF PIPE
R = RISE OF PIPE
S = SPAN OF PIPE
T = THICKNESS OF BARREL
L = LENGTH OF HEADWALL
H = HEIGHT OF HEADWALL

602
CONCRETE MASONRY

WOOD COUNTY

HW-1
STANDARD
HEADWALL

GENERAL SUMMARY

ITEM	QTY	UNIT	DESCRIPTION
			ROADWAY
201	LUMP	LUMP	CLEARING AND GRUBBING
203	42,636	CU. YDS.	EXCAVATION, AS PER PLAN
203	38,247	CU. YDS.	EMBANKMENT, AS PER PLAN
204	15,189	SQ. YDS.	SUBGRADE COMPACTION
604	17	EACH	MONUMENT ASSEMBLY (O.D.O.T. STD. DWG RM-1.1)
604	3	EACH	MONUMENT ASSEMBLY (WOOD CO. TYPE A) BY SURVEYOR
608	3,878	SQ. FT.	4" AND 6" CONCRETE WALK (BY CONTRACTOR)
608	37,973	SQ. FT.	4" AND 6" CONCRETE WALK (BY OTHERS)
608	2	EACH	CURB RAMPS (BY CONTRACTOR)
608	14	EACH	CURB RAMPS (BY OTHERS)
SPEC.	1	LUMP	STD. GUARDRAIL BARRICADE
			PAVEMENT
304	4,186	CU. YDS.	AGGREGATE BASE
448	802	CU. YDS.	ASPHALT CONCRETE, INTERMEDIATE COURSE, PG 64-22
448	481	CU. YDS.	ASPHALT CONCRETE, SURFACE COURSE, PG 64-22
408	4,041	GALLONS	PRIME COAT
609	8,492	FT.	MOUNTABLE CURB AND GUTTER, WOOD COUNTY TYPE F
609	112	FT.	CONCRETE CURB, WOOD COUNTY TYPE A
SPEC.	1,050	CU. YDS.	SUBGRADE IMPROVEMENT, AS PER PLAN (CONTINGENCY)
			DRAINAGE
601	1,171	CU. YDS.	CRUSHED AGGREGATE SLOPE PROTECTION
601	196	CU. YDS.	ROCK CHANNEL PROTECTION, TYPE C WITHOUT FILTER 2
SPEC.	1	EACH	STORM WATER QUALITY STRUCTURE
811	39	FT.	6" CONDUIT, TYPE B, AS PER PLAN
811	354	FT.	12" CONDUIT, TYPE B, AS PER PLAN
811	208	FT.	15" CONDUIT, TYPE B, AS PER PLAN
811	93	FT.	18" CONDUIT, TYPE B, AS PER PLAN
811	39	FT.	24" CONDUIT, TYPE B, AS PER PLAN
811	85	FT.	30" CONDUIT, TYPE B, AS PER PLAN
811	859	FT.	6" CONDUIT, TYPE C, AS PER PLAN
811	4,731	FT.	12" CONDUIT, TYPE C, AS PER PLAN 2
811	1,037	FT.	15" CONDUIT, TYPE C, AS PER PLAN
811	2,238	FT.	18" CONDUIT, TYPE C, AS PER PLAN
811	933	FT.	24" CONDUIT, TYPE C, AS PER PLAN
811	35	FT.	30" CONDUIT, TYPE C, AS PER PLAN
811	21	EACH	SHALLOW STORM MANHOLE (4' DIA.)
811	5	EACH	SHALLOW STORM MANHOLE (5' DIA.)
811	1	EACH	SHALLOW STORM MANHOLE (6' DIA.)
811	18	EACH	CURB INLET
811	25	EACH	YARD CATCH BASIN
605	2,900	FT.	6" SHALLOW PIPE UNDERDRAINS, AS PER PLAN (CONTINGENCY)
SPEC.	1	EACH	HALF HEIGHT HEADWALL MODIFIED (O.D.O.T. STD. DWG HW-2.2)
SPEC.	2	EACH	STANDARD HEADWALL (WOOD CO. STD. DWG HW-1) 2
			SIGNING AND STRIPING
630	22.75	SQ. FT.	SIGN, FLAT SHEET, TYPE G
630	31.5	SQ. FT.	SIGN, FLAT SHEET, TYPE STD.
630	280	FT.	GROUND MOUNTED SUPPORT NO. 3 POST
			EROSION PROTECTION AND SEDIMENT CONTROL
832	400	FT.	INLET PROTECTION FILTER FABRIC FENCE (OR APPROVED EQUAL)
832	5,946	FT.	FILTER FABRIC FENCE 2
SPEC.	18	EA.	CURB INLET SEDIMENT FILTER
SPEC.	LUMP	LUMP	TEMPORARY CONSTRUCTION ENTRANCE, AS PER PLAN
659	81,979	SQ. YDS.	CONSTRUCTION SEEDING AND MULCHING, AS PER PLAN
659	70,142	SQ. YDS.	PERMANENT SEEDING AND MULCHING, AS PER PLAN
659	7.38	TONS	COMMERCIAL FERTILIZER (12-12-12) (20 LBS. / 1,000 SQ. FT.)
SPEC.	LUMP	LUMP	CONCRETE WASHOUT AREA
671	7,775	SY	EROSION CONTROL MAT

RECORD CONSTRUCTION 7/11/24

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

GAS LINE NOTE:
CONTRACTOR SHALL VERIFY THE END OF THE CASING PIPE FOR THE 16" GAS LINE CROSSING UNDER FIVE POINT ROAD AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL UTILIZE A SOFT DIG TECHNIQUE AND A REPRESENTATIVE FROM TC ENERGY IS REQUIRED TO BE ON SITE DURING THIS WORK. THE END OF CASING PIPE IS NOT PERMITTED TO BE PLACED UNDER THE NEW ROAD CONNECTION, CULVERT, OR HEADWALL. IF INADEQUATE SEPARATION BETWEEN THE END OF THE CASING PIPE AND THE PROPOSED ENTRANCE DRIVE CULVERT, THE CULVERT MAY NEED TO BE SHORTENED AND THE HEADWALL RELOCATED.

DITCH NOTE:
CONTRACTOR SHALL CLEAN THE DITCH ALONG FIVE POINT ADJACENT TO THE DEVELOPMENT TO HARD BOTTOM.

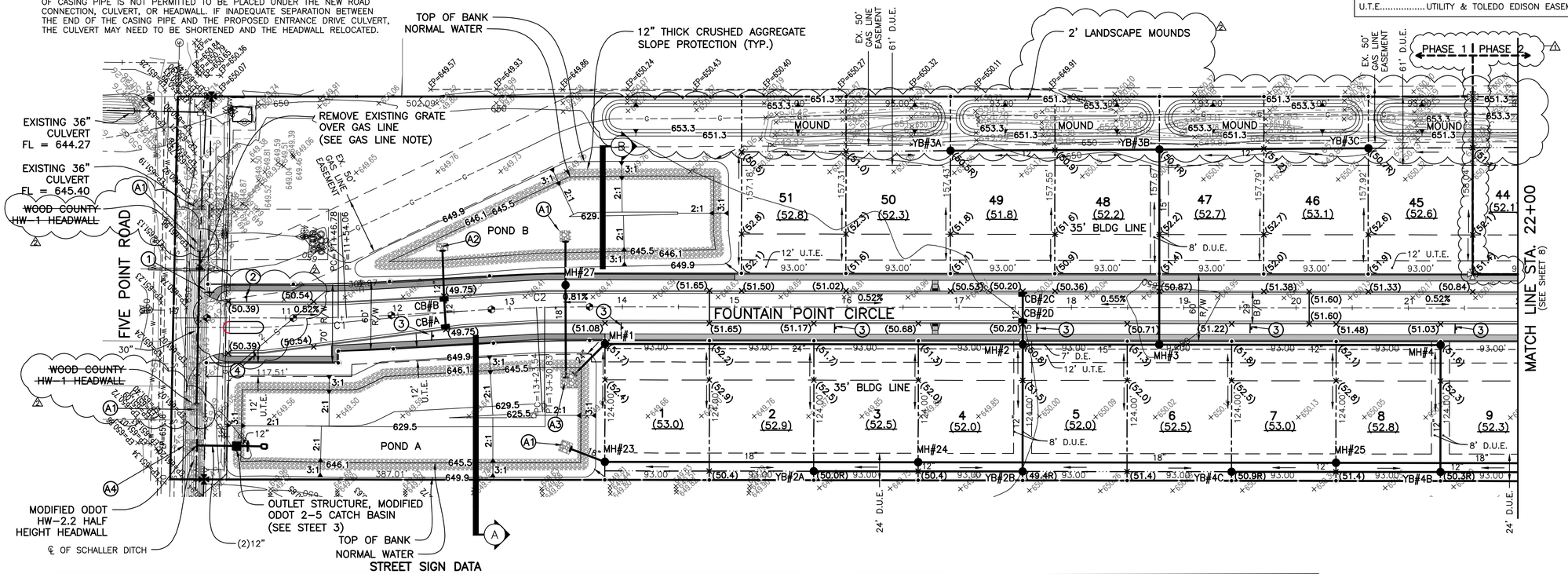
EASEMENT ABBREVIATIONS
D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE		
1 STORM REV.	8.10.22	DESIGN BY:	ZTB
2 SIDEWALK REV.	9.12.22	DRAWN BY:	LTR
		DATE:	9-12-22
		CHK'D BY:	GNF
		DRAWING	50-085540P00A1AB

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET



STREET SIGN DATA

LOCATION	STATION	SIDE	① "STREET NAME" SIGN PERRYSBURG STANDARD	② R1-1-30 STOP (30"x30")	③ R-55 NO PARKING ANYTIME W/2 WAY ARROW ←→ (12"x18")	④ W14-2 NO OUTLET (24")
FOUNTAIN POINT CIRCLE	10+32.00	LT.	FIVE POINT ROAD FOUNTAIN POINT CIRCLE			
FOUNTAIN POINT CIRCLE	24+55.81	LT.	FOUNTAIN POINT CIRCLE FOUNTAIN POINT CIRCLE			
FOUNTAIN POINT CIRCLE	42+61.94	RT.	FOUNTAIN POINT CIRCLE PARK LANE			
FOUNTAIN POINT CIRCLE	10+64.34	LT.		1 (6.25 SF)		
FOUNTAIN POINT CIRCLE	51+19.02	RT.		1 (6.25 SF)		
PARK LANE	81+01.25	RT.		1 (6.25 SF)		
FOUNTAIN POINT CIRCLE	12+30.06	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	14+00.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	15+90.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	17+70.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	19+60.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	21+42.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	23+32.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	25+32.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	27+17.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	29+17.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	31+07.50	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	32+95.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	34+95.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	36+90.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	38+90.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	40+85.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	42+85.07	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	44+80.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	46+65.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	48+65.00	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	50+55.15	RT.			1 (1.50 SF)	
FOUNTAIN POINT CIRCLE	10+72.82	RT.				1 (4.0 SF)
TOTALS CARRIED TO GENERAL SUMMARY				3 (18.75 SF)	21 (31.5 SF)	1 (4.0 SF)

CENTERLINE CURVE DATA

CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

SITE VOLUME TABLE (UNADJUSTED)

	CUT (C) (CU. YDS.)	FILL (F) (CU. YDS.)	NET (CU. YDS.)	
ROADWAY, LOTS & MOUNDS	8,658.0	38,117.1	29,459.0	(F)
POND A	11,393.1	0.0	11,393.1	(C)
POND B	6,348.2	0.0	6,348.2	(C)
POND C	16,106.2	0.0	16,106.2	(C)
TOP SOIL	130.0	130.0	0.0	(C)
TOTALS	42,635.5	38,247.1	4,388.5	(C)

* POND C CAN BE FOUND ON SHEET 8.

STORM WATER DETENTION PONDS DATA

NORMAL WATER ELEVATION = 646.1
100 YR. HIGH WATER ELEVATION = 647.9
100 YR. STORAGE VOLUME REQUIRED = 144,671 CU. FT.
100 YR. STORAGE VOLUME PROVIDED = 160,076 CU. FT.

* DETENTION POND NUMBERS ARE BASED ON ALL THREE PONDS COMBINED.

ROCK SLOPE PROTECTION (A#)
ROCK CHANNEL SLOPE PROTECTION, TYPE C, WITHOUT FILTER
A1 – 10' WIDE x 10' LONG x 18" THICK = 17 CU. YDS.
A2 – 10' WIDE x 6.5' LONG x 18" THICK = 4 CU. YDS.
A3 – 15' WIDE x 15' LONG x 18" THICK = 13 CU. YDS.
A4 – TO BE INSTALLED 10' WIDE, 24" THICK FROM TOP OF BANK TO TOP OF BANK AND ACROSS THE BOTTOM. APPROX. 162 CU. YDS.

SITE ZONING DATA
LOCATION: CITY OF PERRYSBURG
ZONING CLASSIFICATION: R-5
MINIMUM SETBACKS:
FRONT – 35'
SIDE – 6' MIN.
SUM OF SIDES – 16'
REAR – 30'

BENCH MARK DATA

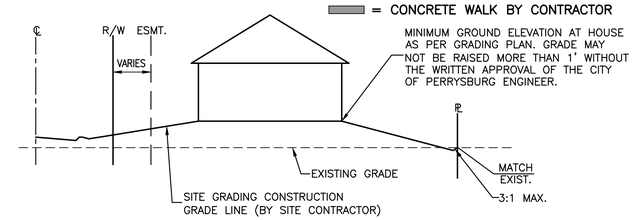
WOOD COUNTY BENCH MARK
MC0668 USGS SURVEY DISC IN CONCRETE MONUMENT SOUTHWEST CORNER OF THE INTERSECTION OF HULL PRAIRIE ROAD & FIVE POINT ROAD.
ELEVATION 650.10

SITE BENCH MARK #150
MAG NAIL SET IN SOUTH FACE OF POWER POLE NORTH SIDE OF FIVE POINT ROAD.
ELEVATION 652.04

SITE BENCH MARK #151
MAG NAIL SET IN SOUTH FACE OF POWER POLE SOUTH SIDE OF FIVE POINT ROAD.
ELEVATION 651.49

LEGEND

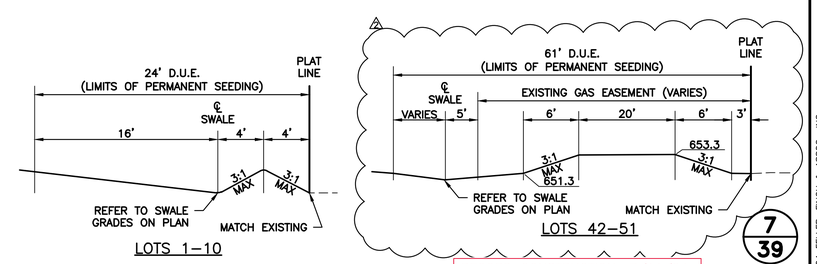
EXISTING GROUND ELEVATIONS +000.00
EXISTING CONTOURS . . . . . —000—
PROPOSED ELEVATIONS . . . . . (00.0)
PROPOSED GROUND ELEVATIONS AT HOUSE . . (00.0)
PROPOSED RIM ELEVATIONS . . . . . (00.0R)
ADD 600.00 TO ALL PROPOSED SPOT ELEVATIONS.
ALL PAVEMENT GRADES ARE TOP OF CURB.
= MONUMENT ASSEMBLY (ODOT RM-1.1) BY CONTRACTOR
= MONUMENT ASSEMBLY (WOOD CO. TYPE A) BY SURVEYOR
= EXISTING MONUMENT ASSEMBLY
= CONCRETE WALK & RAMPS BY OTHERS.
= CONCRETE WALK BY CONTRACTOR



TYPICAL LOT GRADING

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE AS PER ODOT SPECIFICATION ITEM 659, USING SEEDING MIXTURE: 90% PERENNIAL RYEGRASS (LOLIUM PERRENNE) 10% ALSIKE CLOVER (TRIFOLIUM HYBRIDUM). SEEDING AND MULCHING SHALL INCLUDE ALL PROPOSED RIGHTS OF WAY, REAR YARD SWALES, AND ALL DISTURBED AREAS WITHIN EXISTING CITY RIGHTS OF WAY.



RECORD CONSTRUCTION 7/11/24

7
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C3	32.38'	125.00'	14°50'32"	S 07°12'29" E	32.29'
C4	32.22'	125.00'	14°46'01"	S 07°14'45" E	32.13'
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'
C6	194.84'	125.00'	89°18'29"	S 44°26'27" E	175.71'
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

ROCK SLOPE PROTECTION (A#)

ROCK CHANNEL SLOPE PROTECTION, TYPE C, WITHOUT FILTER
A1 – 10' WIDE x 10' LONG x 18" THICK = 6 CU. YDS.
A5 – 20' WIDE x 12' LONG x 18" THICK = 14 CU. YDS.

SITE ZONING DATA

LOCATION: CITY OF PERRYSBURG
ZONING CLASSIFICATION: R–5
MINIMUM SETBACKS:
FRONT – 35'
SIDE – 6' MIN.
SUM OF SIDES – 16'
REAR – 30'

EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

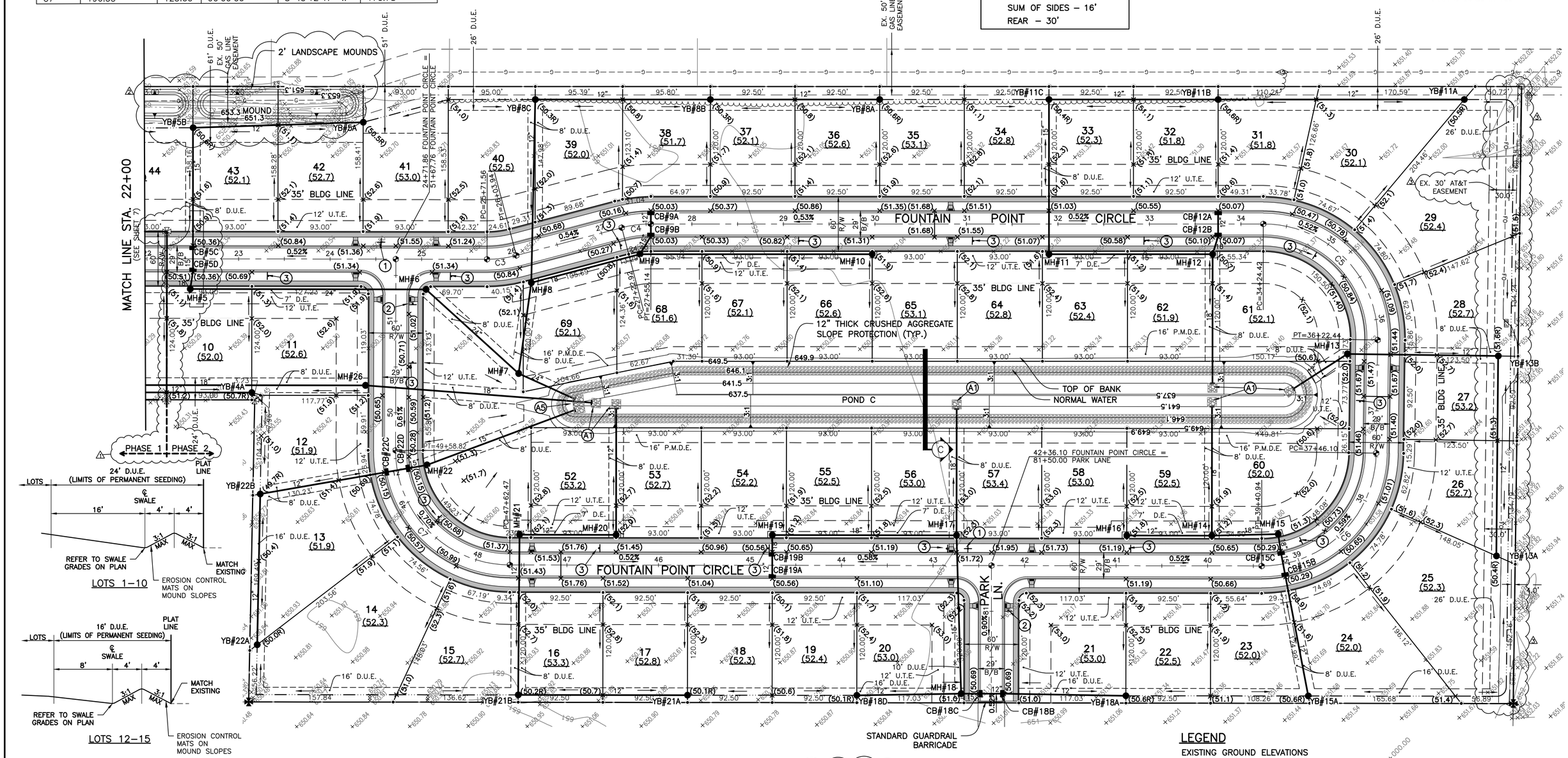
NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE
1 STORM REV.	8.10.22
SIDEWALK REV.	9.12.22
3 STORM REV.	2.17.23

DESIGN BY:	ZTB
DRAWN BY:	LTR
DATE:	9–12–22
CHK'D BY:	GNF
DRAWING:	30–085540P00A1AB



LEGEND

EXISTING GROUND ELEVATIONS . . . . . +000.00
EXISTING CONTOURS . . . . . —000—
PROPOSED ELEVATIONS . . . . . (00.0)
PROPOSED GROUND ELEVATIONS AT HOUSE . . (00.0)
PROPOSED RIM ELEVATIONS . . . . . (00.0R)
ADD 600.00 TO ALL PROPOSED SPOT ELEVATIONS.
ALL PAVEMENT GRADES ARE TOP OF CURB.
= MONUMENT ASSEMBLY (ODOT RM–1.1) BY CONTRACTOR
= MONUMENT ASSEMBLY (WOOD CO. TYPE A) BY SURVEYOR
= EXISTING MONUMENT ASSEMBLY
= CONCRETE WALK & RAMPS BY OTHERS.
= CONCRETE WALK BY CONTRACTOR

RECORD CONSTRUCTION 7/11/24

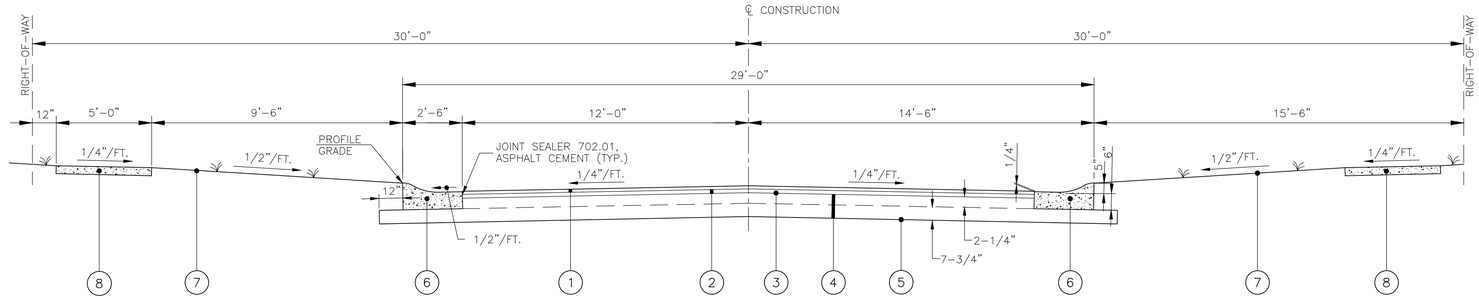
8/39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE SITE GRADING PLAN AND STREET SIGN PLAN FOUNTAIN POINT VILLAS

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

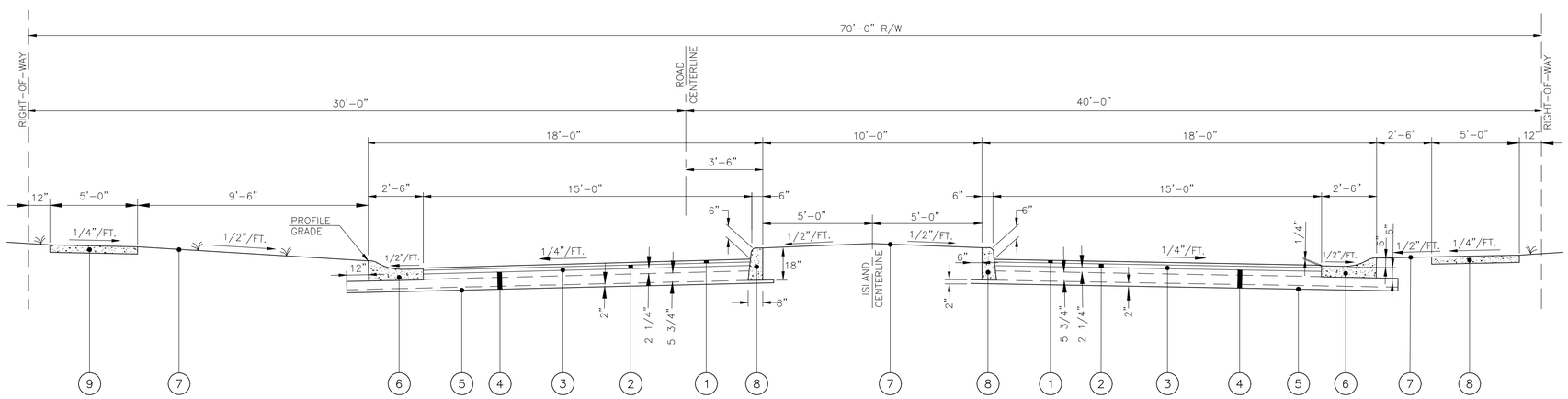


FOUNTAIN POINT CIRCLE, STA. 12+30.83 TO STA. 24+32.36 = 1201.53 LIN. FT.
FOUNTAIN POINT CIRCLE, STA. 25+11.36 TO STA. 41+96.60 = 1685.24 LIN. FT.
FOUNTAIN POINT CIRCLE, STA. 42+75.60 TO STA. 51+28.27 = 852.67 LIN. FT.
PARK LANE, STA. 80+02.00 TO STA. 81+10.50 = 108.50 LIN. FT.
TOTAL = 3,847.94 LIN. FT.

TYPICAL ROAD SECTION

TYPICAL SECTION LEGEND

1. ITEM 448 — 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22
2. ITEM 448 — 2-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22
3. ITEM 408 — PRIME COAT @ 0.35 GAL./SQ. YD.
4. ITEM 304 — 10" AGGREGATE BASE, AS PER PLAN (2 COURSES)
5. ITEM 204 — SUBGRADE COMPACTION
6. ITEM 609 — MOUNTABLE CURB AND GUTTER, WOOD COUNTY TYPE F
7. ITEM 659 — SEEDING AND MULCHING; COMMERCIAL FERTILIZER (20 LBS. PER 1000 SQ. FT.)
8. ITEM 608 — 4" CONCRETE WALK, 6" AT DRIVES EXTENDING 1' BEYOND EDGE OF DRIVE (BY OTHERS)



FOUNTAIN POINT CIRCLE.: STA. 10+50.85 TO STA. 10+80.12 = 29.27 LIN. FT.

TYPICAL BOULEVARD SECTION

SCALE: NTS

TYPICAL SECTION LEGEND

1. ITEM 448 — 1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG 64-22
2. ITEM 448 — 2-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, PG 64-22
3. ITEM 408 — PRIME COAT @ 0.35 GAL./SQ. YD.
4. ITEM 304 — 10" AGGREGATE BASE, AS PER PLAN (3 COURSES)
5. ITEM 204 — SUBGRADE COMPACTION
6. ITEM 609 — MOUNTABLE CURB AND GUTTER, WOOD COUNTY TYPE F
7. ITEM 659 — SEEDING AND MULCHING; COMMERCIAL FERTILIZER (20 LBS. PER 1000 SQ. FT.)
8. ITEM 609 — CONCRETE CURB, WOOD COUNTY TYPE A
9. ITEM 608 — 4" CONCRETE WALK, 6" AT DRIVES EXTENDING 1' BEYOND EDGE OF DRIVE (BY OTHERS)

RECORD CONSTRUCTION 7/11/24

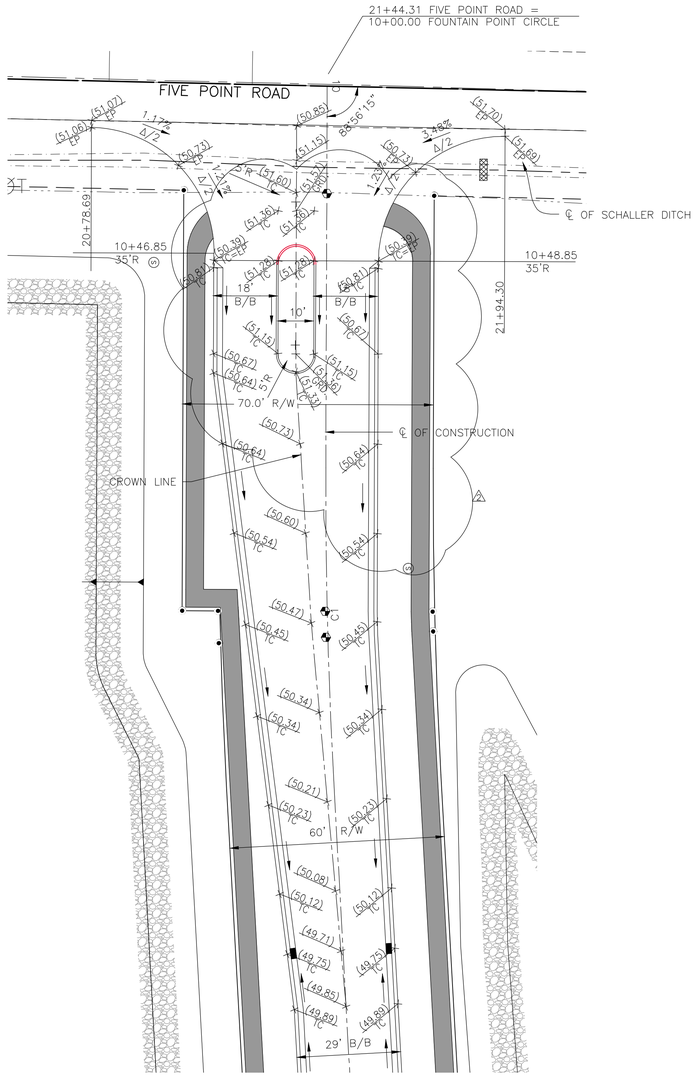
10E08554

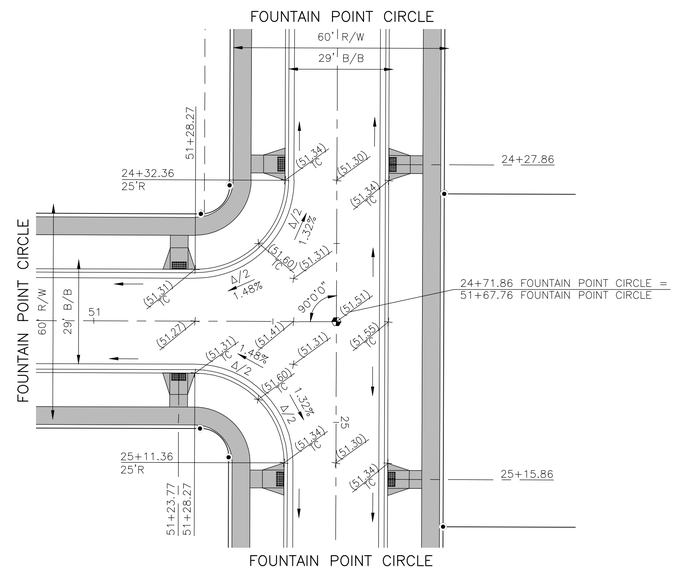
© 2024 FELLER, FINCH & ASSOC., INC.

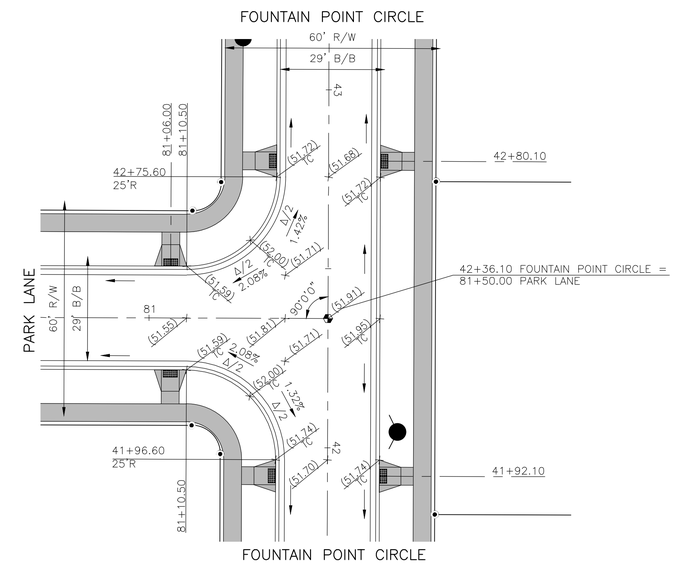
CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'

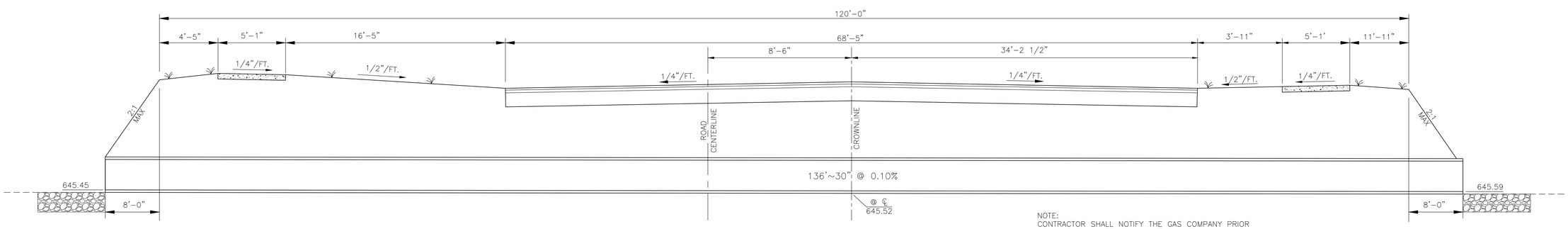
NORTH
SCALE: 1" = 50'

FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
2 SIDEWALK REV.	9.12.22	DRAWN BY:	LTR
		DATE:	9-12-22
		CHK'D BY:	GNF
		DRAWING:	10-085540P00A1A6









NOTE:
CONTRACTOR SHALL NOTIFY THE GAS COMPANY PRIOR TO INSTALLATION OF THE ENTRANCE DRIVE CULVERT.

ROAD SECTION @ CULVERT CROSSING

SCALE: NOT TO SCALE

FOUNTAIN POINT CIRCLE
STA. 10+22.35

RECORD CONSTRUCTION 7/11/24

10
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

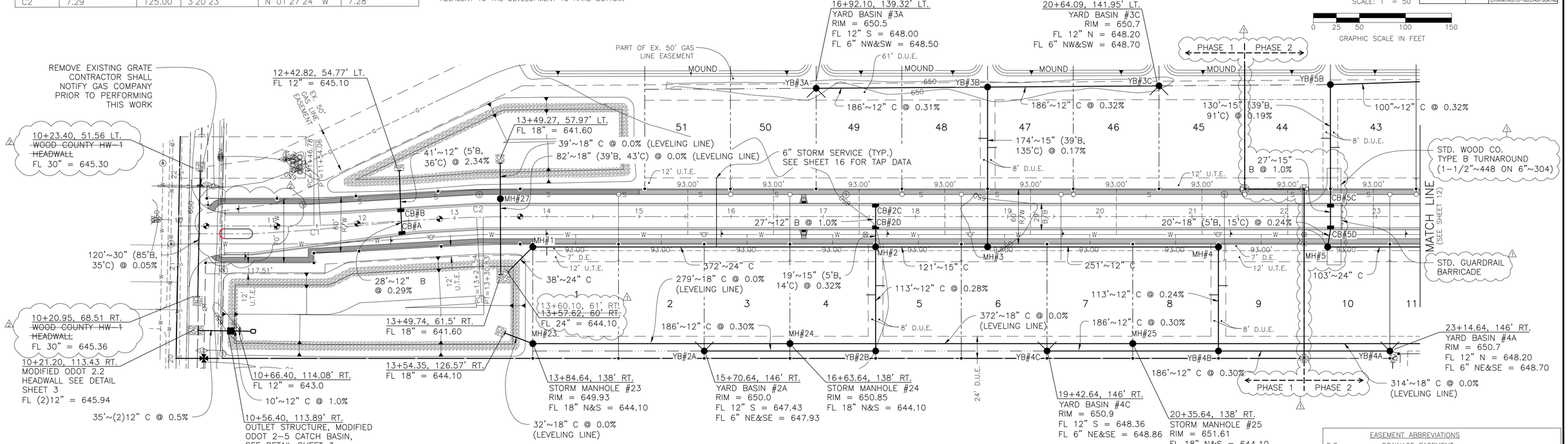
CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

NOTE:
CONTRACTOR SHALL CLEAN THE DITCH ALONG FIVE POINT ADJACENT TO THE DEVELOPMENT TO HARD BOTTOM.

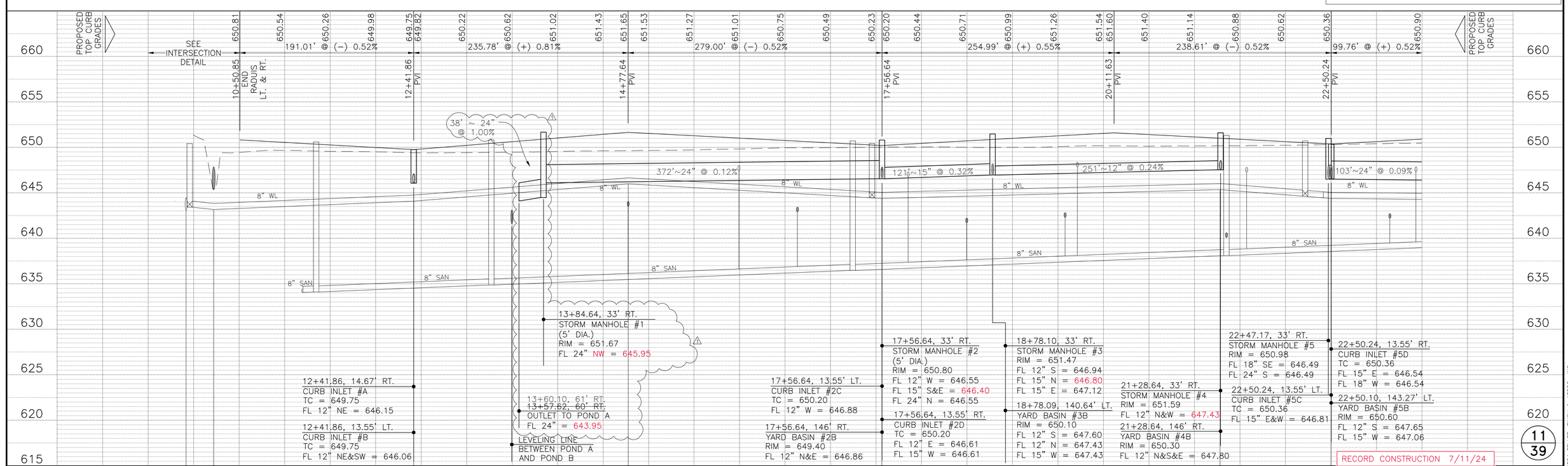
FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
1 STORM REV.	8.10.22	DRAWN BY:	LTR
2 SIDEWALK REV.	9.12.22	DATE:	9-12-22
		CHK'D BY:	GNF
		DRAWING:10-085540P00A1A6	

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET



EASEMENT ABBREVIATIONS
D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT



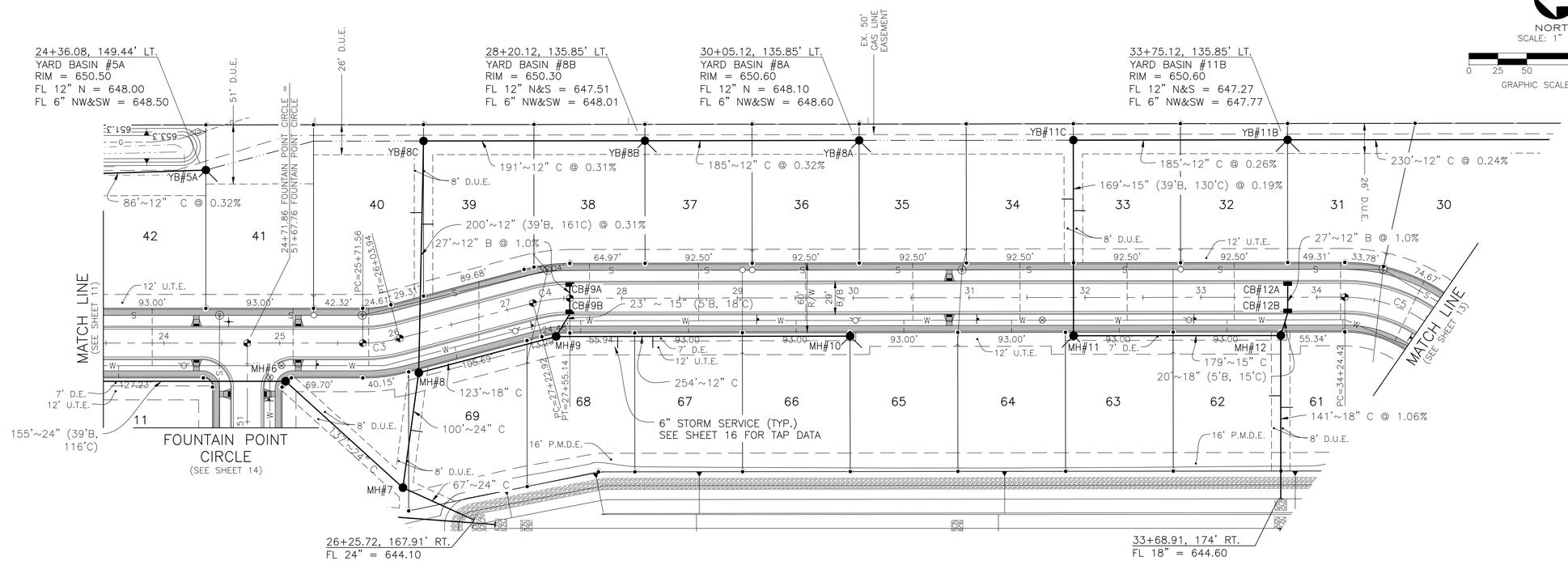
© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

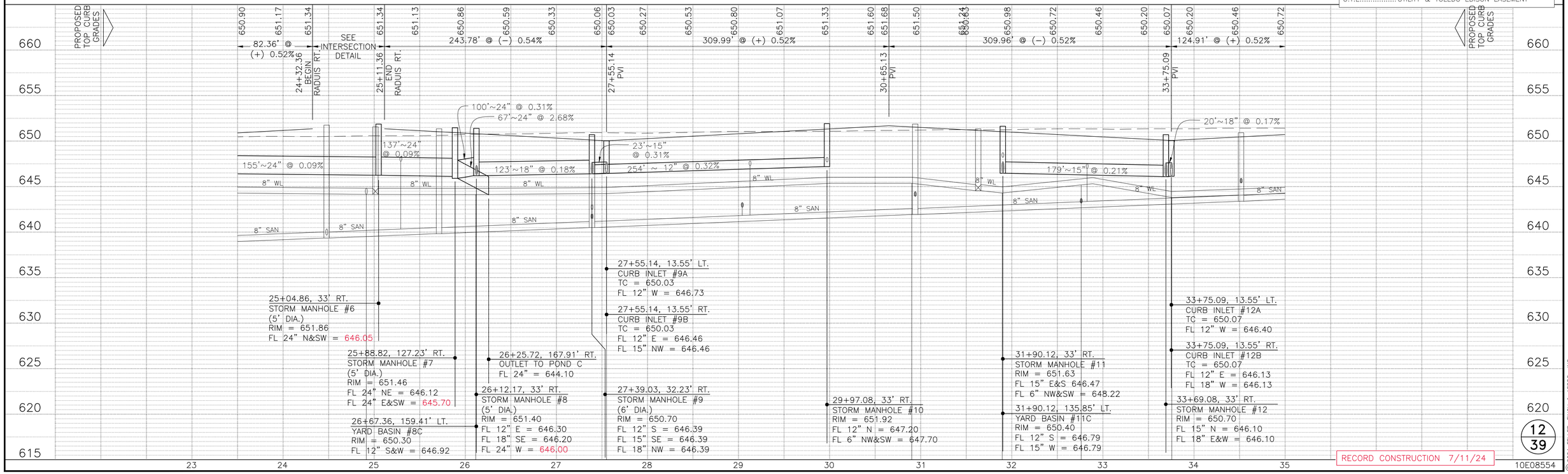


CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C3	32.38'	125.00'	14°50'32"	S 07°12'29" E	32.29'
C4	32.22'	125.00'	14°46'01"	S 07°14'45" E	32.13'
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'

FOUNTAIN POINT CIRCLE

EASEMENT ABBREVIATIONS

D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT



RECORD CONSTRUCTION 7/11/24

12/39

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

PAVEMENT AND DRAINAGE FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

NORTH
SCALE: 1" = 50'

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'
C6	194.84'	125.00'	89°18'29"	S 44°26'27" E	175.71'
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

EASEMENT ABBREVIATIONS

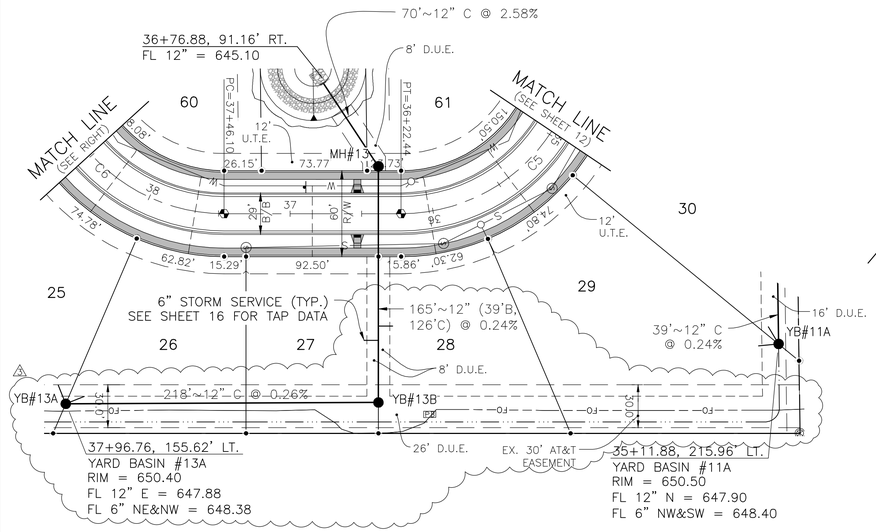
D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

NORTH
SCALE: 1" = 50'

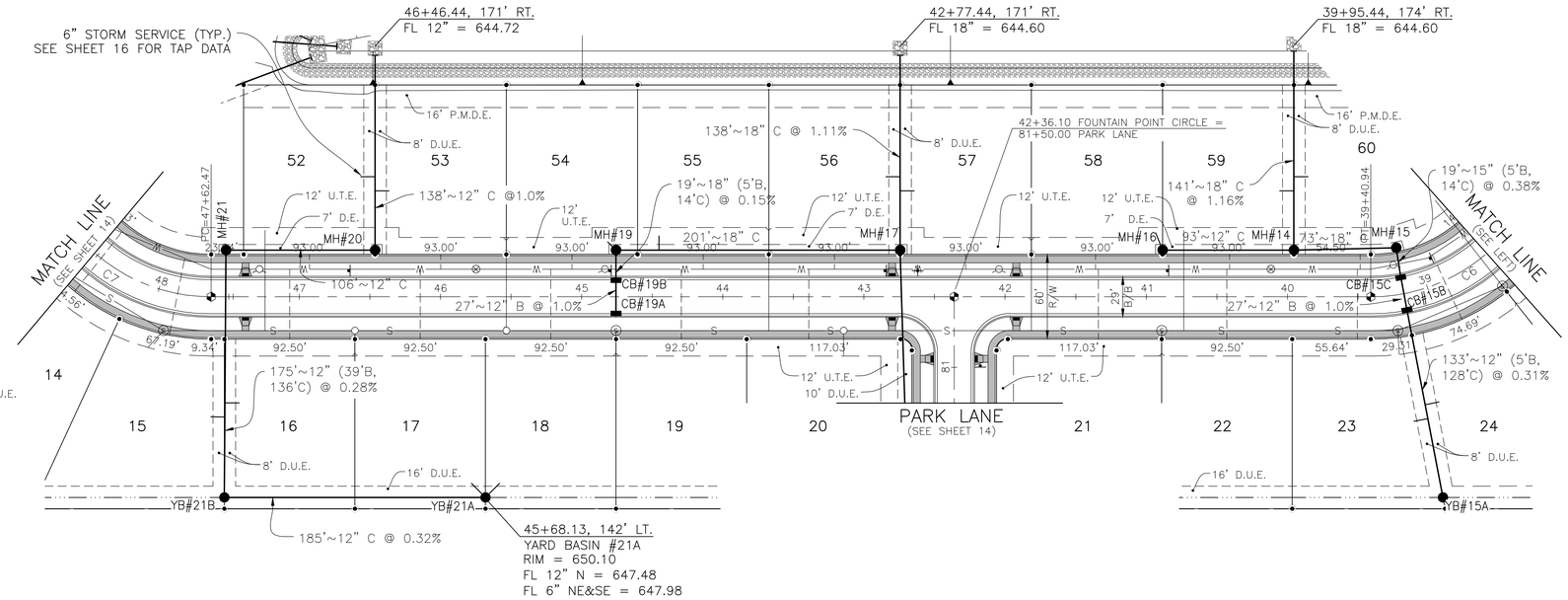
0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.

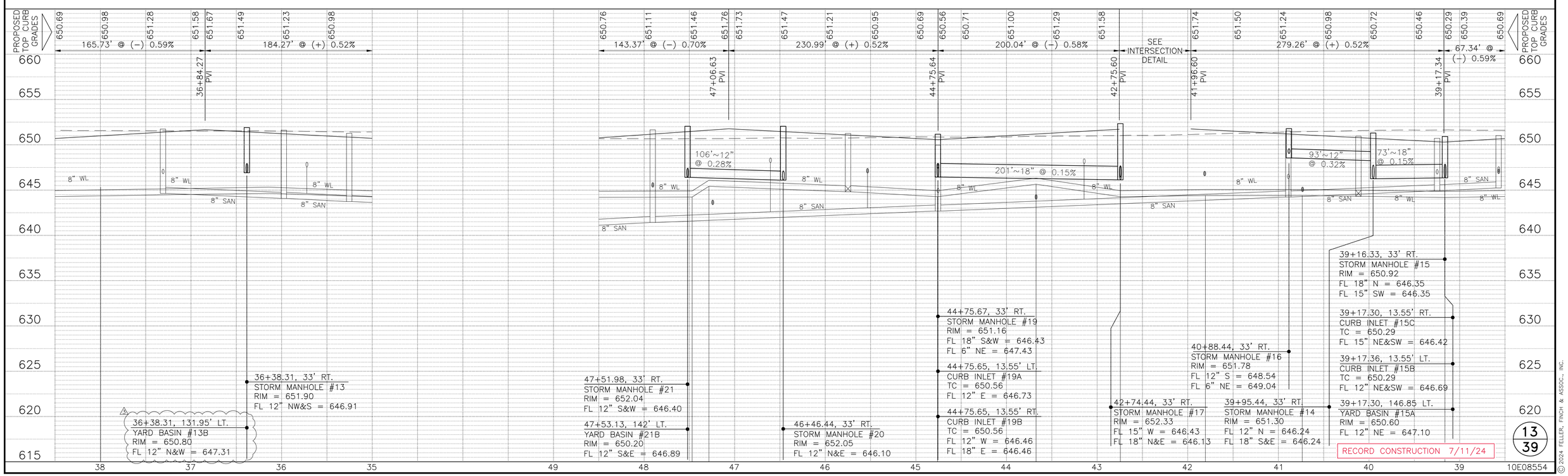
REVISION	DATE	
1 STORM REV.	2.17.23	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:30-085540P00A1A6



FOUNTAIN POINT CIRCLE



FOUNTAIN POINT CIRCLE



RECORD CONSTRUCTION 7/11/24

13/39

© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

NORTH
SCALE: 1" = 50'

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

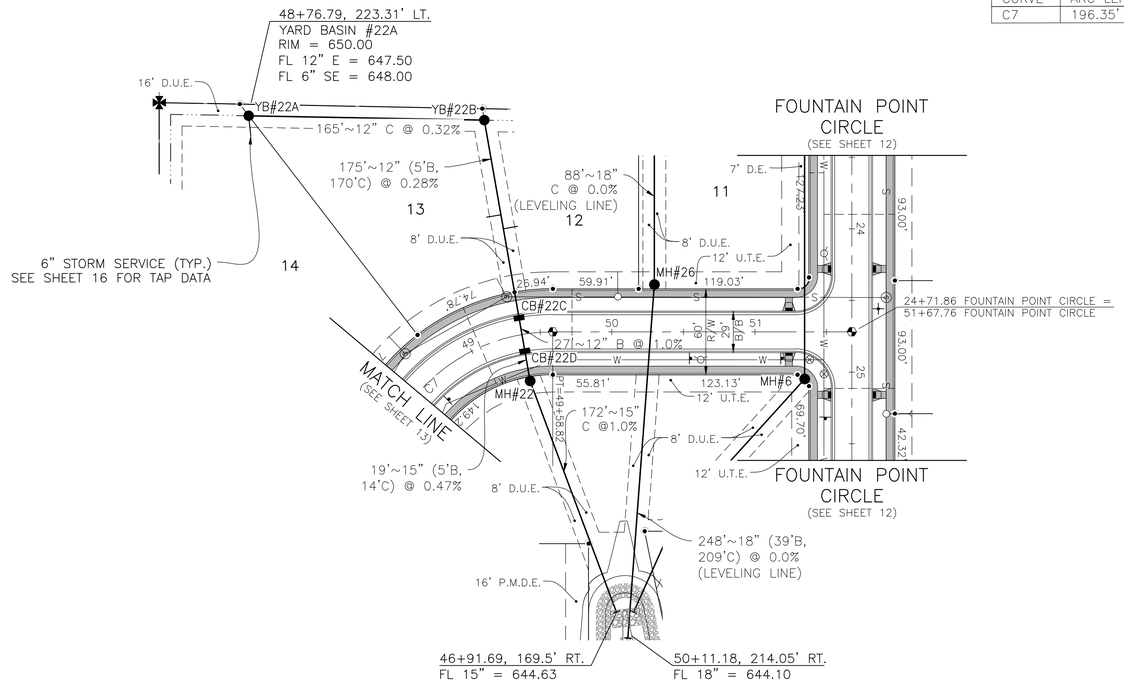
EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

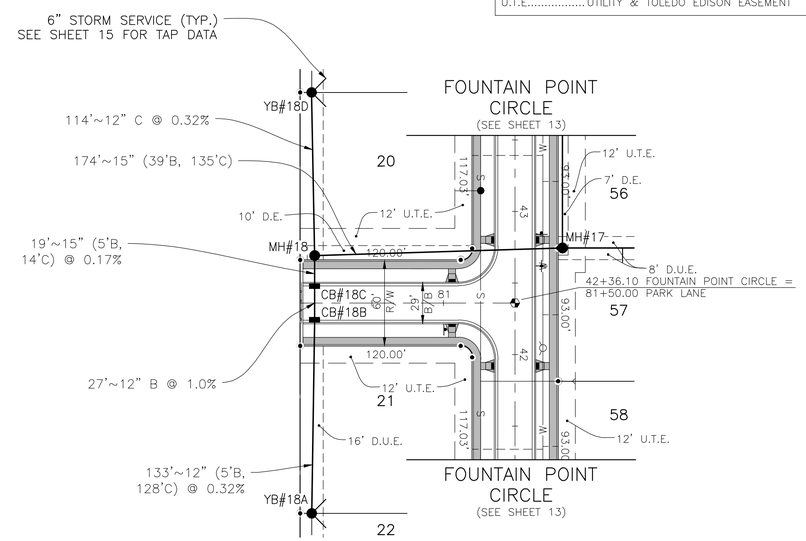
NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

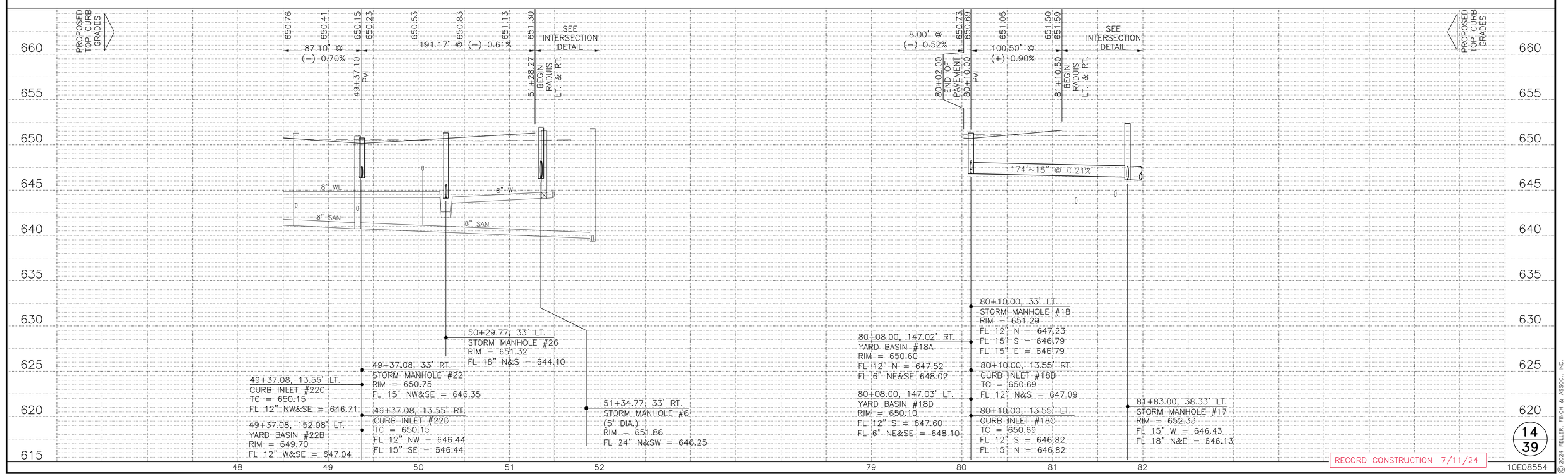
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



FOUNTAIN POINT CIRCLE



PARK LANE



RECORD CONSTRUCTION 7/11/24

14
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

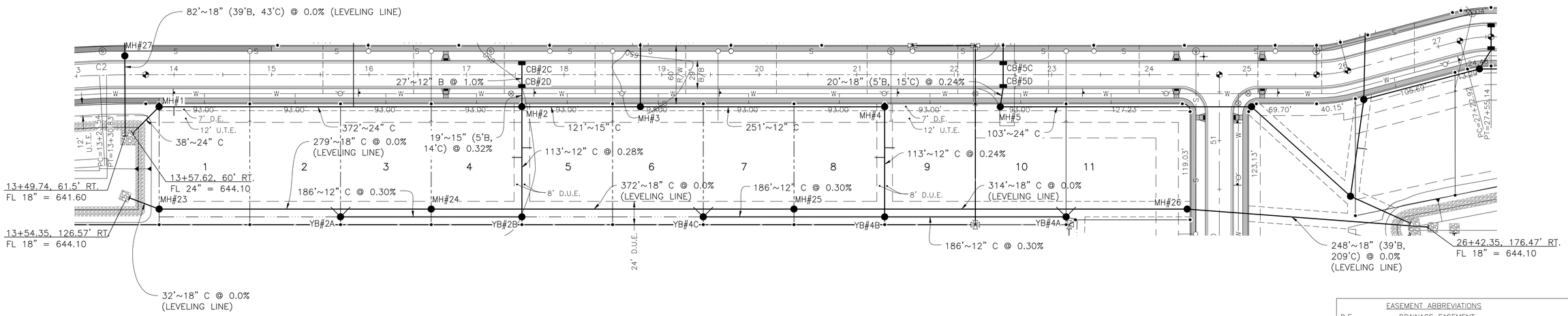
PAVEMENT AND DRAINAGE FOUNTAIN POINT CIRCLE & PARK LANE FOUNTAIN POINT VILLAS

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

NORTH
SCALE: 1" = 50'

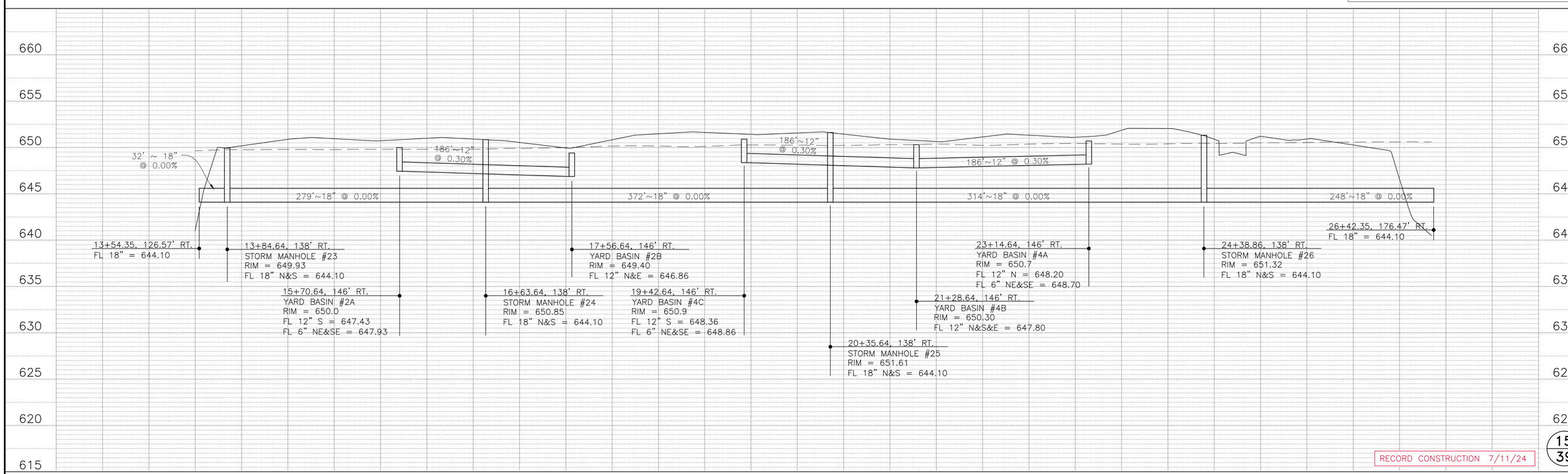
0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



FOUNTAIN POINT CIRCLE

EASEMENT ABBREVIATIONS
D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT



RECORD CONSTRUCTION 7/11/24

15
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

STORM SERVICE TAP DATA

LOT 1
0+15.16, (13+99.79, 42.00' RT.)
9'~6" C @ 1.0%
FL 6" = 646.97

LOT 2
0+00, (15+60.74, 136.10' RT.)
14'~6" C @ 1.0%
FL 6" = 648.07

LOT 3
0+00, (15+80.54, 136.10' RT.)
14'~6" C @ 1.0%
FL 6" = 648.07

LOT 4
0+52, (17+46.64, 85.00' RT.)
10'~6" C @ 1.0%
FL 6" = 648.04

LOT 5
0+42, (17+66.64, 75.00' RT.)
10'~6" C @ 1.0%
FL 6" = 648.01

LOT 6
0+00, (19+32.74, 136.09' RT.)
14'~6" C @ 1.0%
FL 6" = 649.00

LOT 7
0+00, (19+52.54, 136.09' RT.)
14'~6" C @ 1.0%
FL 6" = 649.00

LOT 8
0+52, (21+18.64, 85.00' RT.)
10'~6" C @ 1.0%
FL 6" = 648.00

LOT 9
0+42, (21+38.64, 75.00' RT.)
10'~6" C @ 1.0%
FL 6" = 647.98

LOT 10
0+00, (23+04.75, 136.13' RT.)
14'~6" C @ 1.0%
FL 6" = 648.84

LOT 11
0+00, (23+24.56, 136.13' RT.)
14'~6" C @ 1.0%
FL 6" = 648.84

LOT 12
1+08, (49+43.34, 75.25' LT.)
10'~6" C @ 1.0%
FL 6" = 647.21

LOT 13
1+18, (49+31.15, 85.24' LT.)
10'~6" C @ 1.0%
FL 6" = 647.23

LOT 14
0+00, (48+74.07, 211.46' LT.)
14'~6" C @ 1.0%
FL 6" = 648.14

LOT 15
1+18, (47+62.64, 84.97' LT.)
10'~6" C @ 1.0%
FL 6" = 647.08

LOT 16
1+08, (47+42.69, 75.00' LT.)
10'~6" C @ 1.0%
FL 6" = 647.05

LOT 17
0+00, (45+78.03, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.12

LOT 18
0+00, (45+58.24, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.12

LOT 19
0+00, (43+93.03, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.24

LOT 20
0+00, (43+73.23, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.24

LOT 21
0+00, (40+98.98, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.16

LOT 22
0+00, (40+79.19, 132.10' LT.)
14'~6" C @ 1.0%
FL 6" = 648.16

LOT 23
1+23, (39+23.11, 90.23' LT.)
10'~6" C @ 1.0%
FL 6" = 647.28

LOT 24
0+00, (39+11.21, 80.24' LT.)
10'~6" C @ 1.0%
FL 6" = 647.25

LOT 25
0+00, (38+01.11, 159.62' LT.)
14'~6" C @ 1.0%
FL 6" = 648.54

LOT 26
0+00, (37+92.41, 159.62' LT.)
14'~6" C @ 1.0%
FL 6" = 648.54

LOT 27
1+21.50, (36+48.25, 88.51' LT.)
10'~6" C @ 1.0%
FL 6" = 647.53

LOT 28
1+11.50, (36+28.25, 78.51' LT.)
10'~6" C @ 1.0%
FL 6" = 647.51

LOT 29
0+00, (35+15.62, 206.21' LT.)
14'~6" C @ 1.0%
FL 6" = 648.54

LOT 30
0+00, (35+10.08, 202.82' LT.)
14'~6" C @ 1.0%
FL 6" = 648.54

LOT 31
0+00, (33+85.01, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 647.91

LOT 32
0+00, (33+65.22, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 647.91

LOT 33
1+08, (32+00.12, 75.00' LT.)
10'~6" C @ 1.0%
FL 6" = 647.41

LOT 34
1+18, (31+80.12, 85.00' LT.)
10'~6" C @ 1.0%
FL 6" = 647.43

LOT 35
0+00, (30+15.01, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 648.74

LOT 36
0+00, (29+95.22, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 648.74

LOT 37
0+00, (28+30.01, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 648.15

LOT 38
0+00, (28+10.22, 125.95' LT.)
14'~6" C @ 1.0%
FL 6" = 648.15

LOT 39
1+28.38, (26+57.24, 87.86' LT.)
10'~6" C @ 1.0%
FL 6" = 647.05

LOT 40
1+38.38, (26+40.65, 102.56' LT.)
10'~6" C @ 1.0%
FL 6" = 647.08

LOT 41
0+00, (24+26.20, 139.50' LT.)
14'~6" C @ 1.0%
FL 6" = 648.64

LOT 42
0+00, (24+46.00, 139.60' LT.)
14'~6" C @ 1.0%
FL 6" = 648.64

LOT 43
1+08.20, (22+60.18, 75.01' LT.)
10'~6" C @ 1.0%
FL 6" = 647.40

LOT 44
1+18.20, (22+40.17, 84.99' LT.)
10'~6" C @ 1.0%
FL 6" = 647.42

LOT 45
0+00, (20+74.01, 132.07' LT.)
14'~6" C @ 1.0%
FL 6" = 648.84

LOT 46
0+00, (20+54.21, 132.04' LT.)
14'~6" C @ 1.0%
FL 6" = 648.84

LOT 47
0+00, (18+88.09, 75.01' LT.)
10'~6" C @ 1.0%
FL 6" = 647.54

LOT 48
1+08, (18+68.08, 84.99' LT.)
10'~6" C @ 1.0%
FL 6" = 647.58

LOT 49
1+18, (17+02.00, 129.44' LT.)
14'~6" C @ 1.0%
FL 6" = 648.64

LOT 50
0+00, (16+82.20, 129.41' LT.)
14'~6" C @ 1.0%
FL 6" = 648.64

LOT 51
1+99.29, (15+83.93, 41.99' LT.)
75'~6" (39'B, 36'C) @ 1.0%
FL 6" = 647.84

LOT 52
0+52, (46+56.46, 84.99' RT.)
10'~6" C @ 1.0%
FL 6" = 645.93

LOT 53
0+42, (46+36.45, 75.01' RT.)
10'~6" C @ 1.0%
FL 6" = 646.03

LOT 54
0+00, (44+85.59, 42.89' RT.)
14'~6" C @ 1.0%
FL 6" = 647.57

LOT 55
0+30.39, (44+45.28, 43.00' RT.)
10'~6" C @ 1.0%
FL 6" = 647.08

LOT 56
0+52, (42+84.46, 84.99' RT.)
10'~6" C @ 1.0%
FL 6" = 647.31

LOT 57
0+42, (42+64.45, 75.01' LT.)
14'~6" C @ 1.0%
FL 6" = 647.20

LOT 58
0+00, (40+93.62, 46.00' RT.)
14'~6" C @ 1.0%
FL 6" = 647.18

LOT 59
0+42, (40+05.45, 74.99' RT.)
10'~6" C @ 1.0%
FL 6" = 646.76

LOT 60
0+52, (39+85.46, ' LT.)
10'~6" C @ 1.0%
FL 6" = 646.74

LOT 61
0+62, (33+79.03, 95.00' RT.)
10'~6" C @ 1.0%
FL 6" = 647.02

LOT 62
0+52, (33+59.03, 85.00' RT.)
10'~6" C @ 1.0%
FL 6" = 647.03

LOT 63
0+00, (32+00.01, 42.91' RT.)
14'~6" C @ 1.0%
FL 6" = 648.36

LOT 64
0+00, (31+80.22, 42.91' RT.)
14'~6" C @ 1.0%
FL 6" = 648.36

LOT 65
0+00, (30+06.98, 42.91' RT.)
14'~6" C @ 1.0%
FL 6" = 647.84

LOT 66
0+00, (29+87.18, 42.91' RT.)
14'~6" C @ 1.0%
FL 6" = 647.84

LOT 67
0+83.45, (28+26.67, 42.90' RT.)
10'~6" C @ 1.0%
FL 6" = 647.00

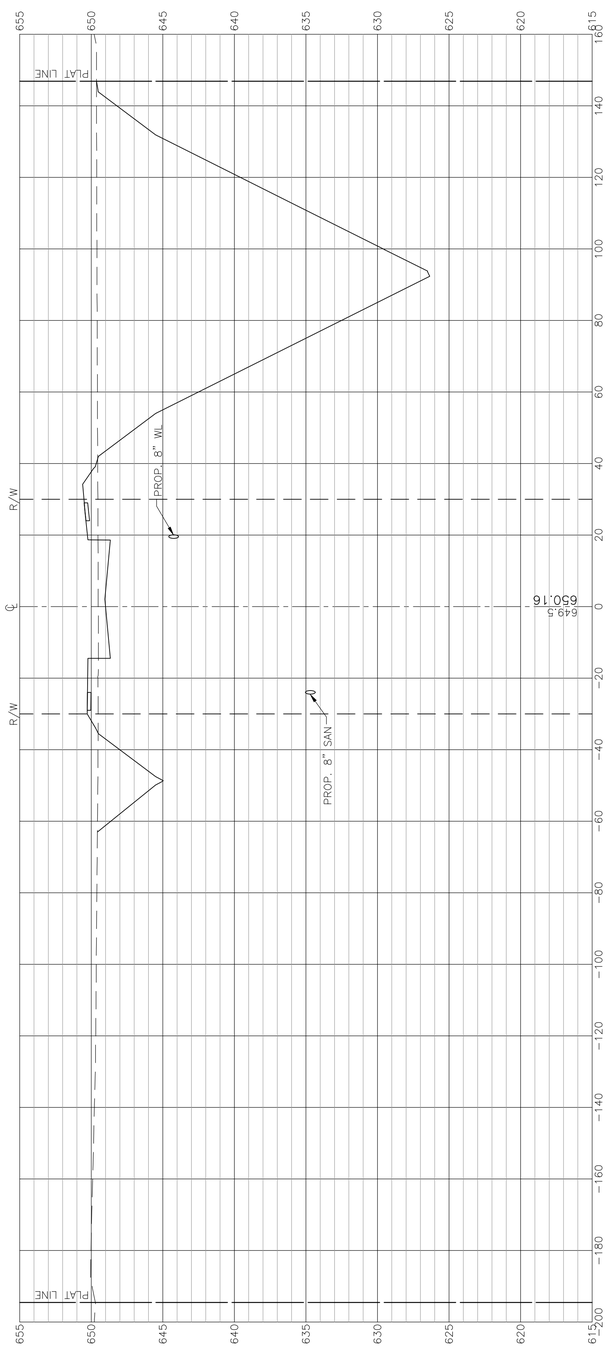
LOT 68
0+53.14, (27+96.36, 42.90' RT.)
10'~6" C @ 1.0%
FL 6" = 646.91

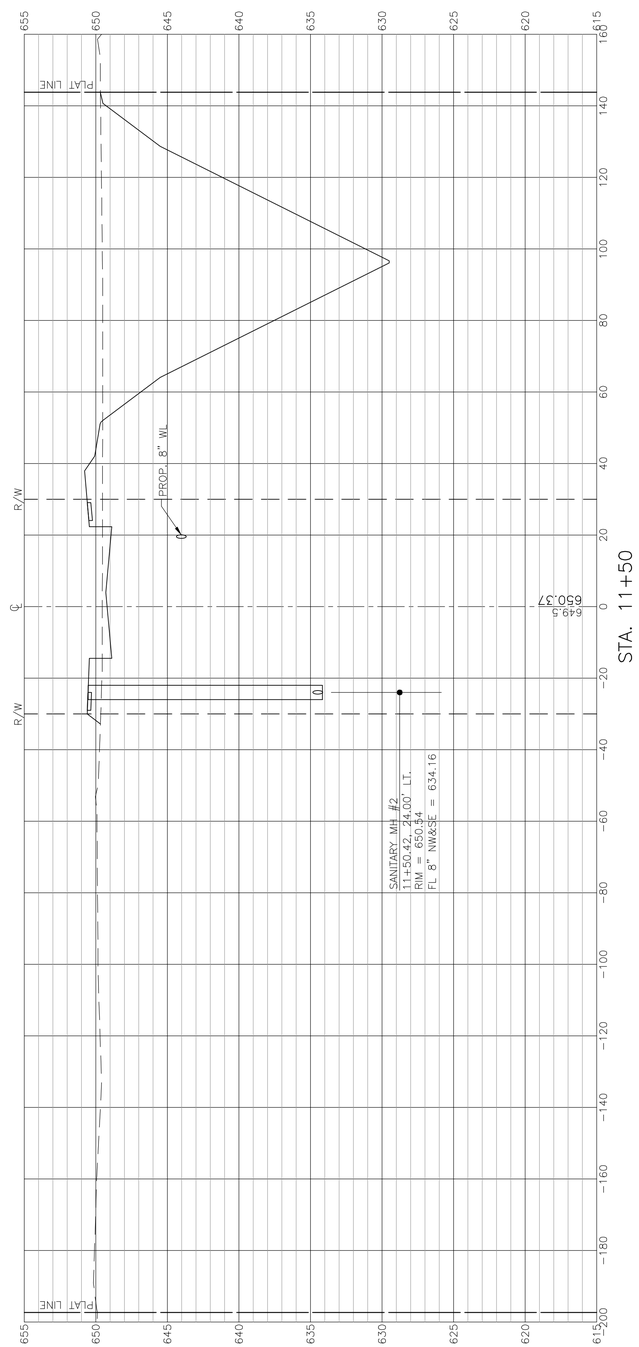
LOT 69
0+50, (26+02.83, 82.99' RT.)
10'~6" C @ 1.0%
FL 6" = 646.89

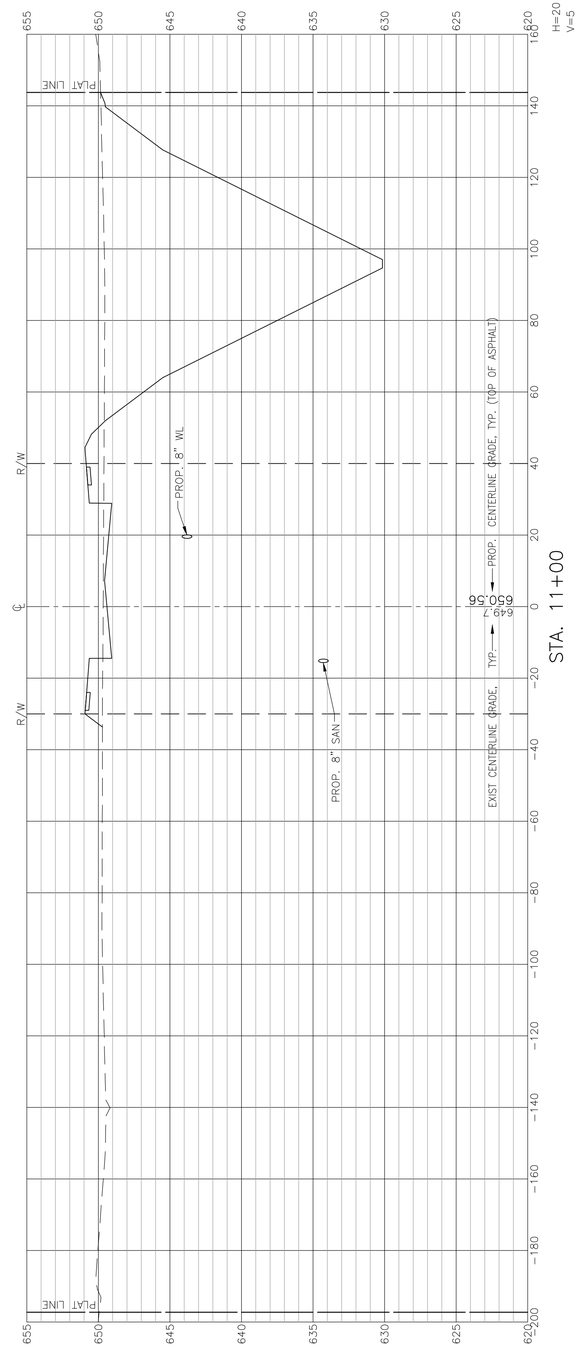
RECORD CONSTRUCTION 7/11/24

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6







RECORD CONSTRUCTION 7/11/24

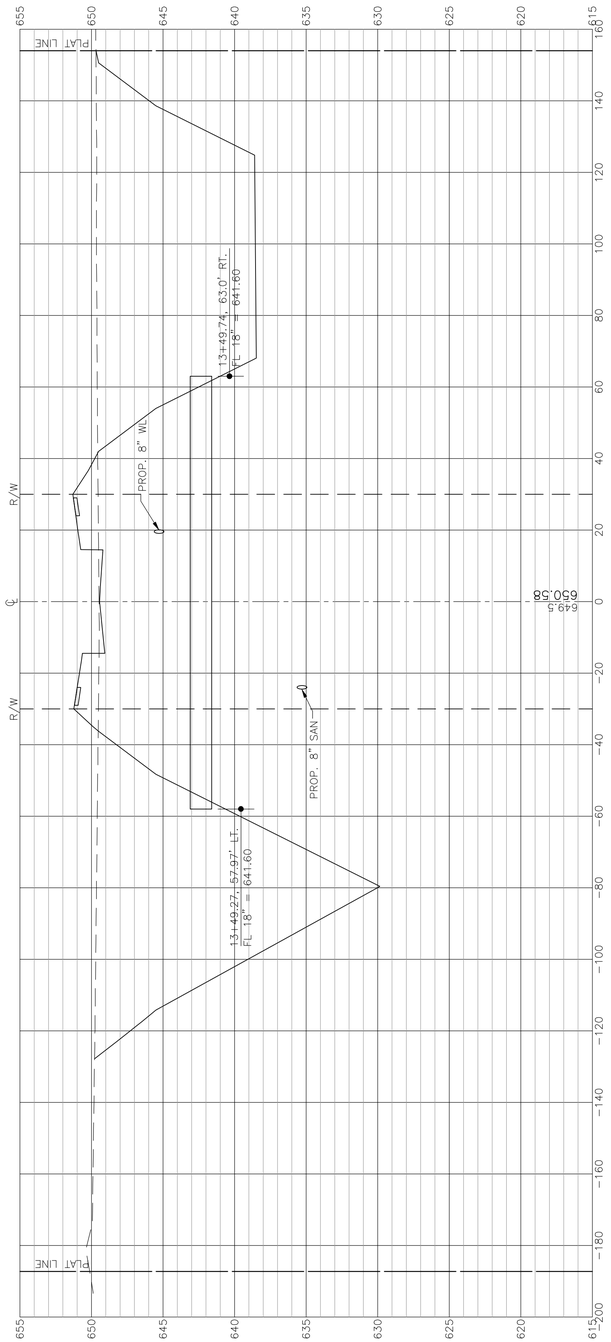
17
39

10E08554

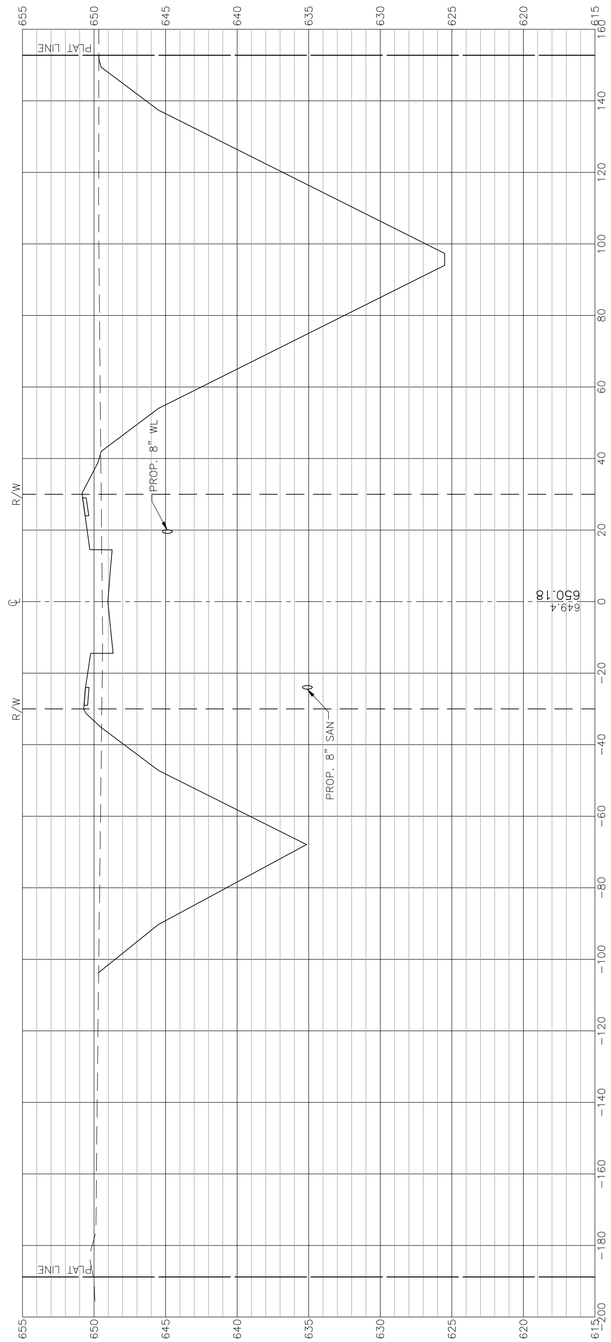
© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

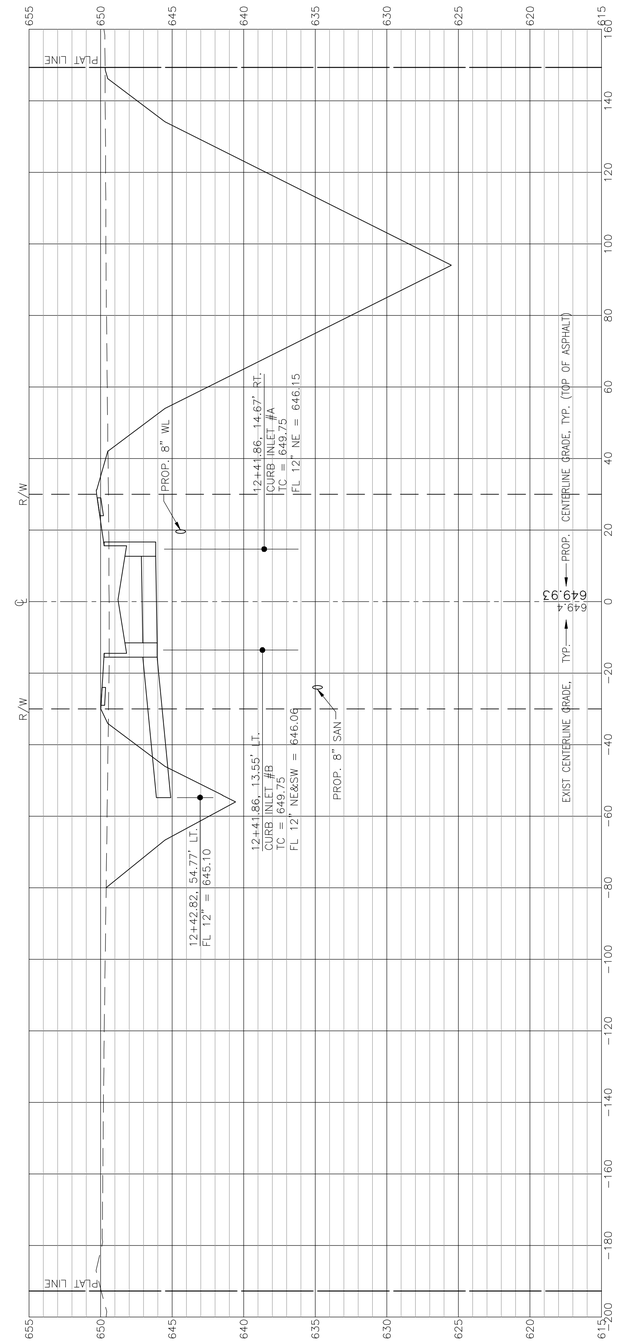
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



STA. 13+49.5



STA. 13+00



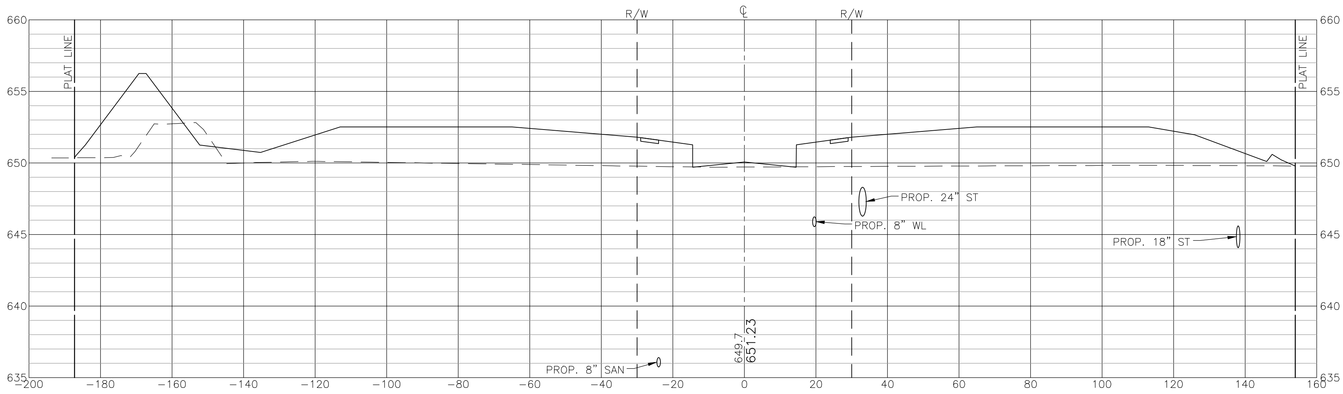
STA. 12+41.86

RECORD CONSTRUCTION 7/11/24

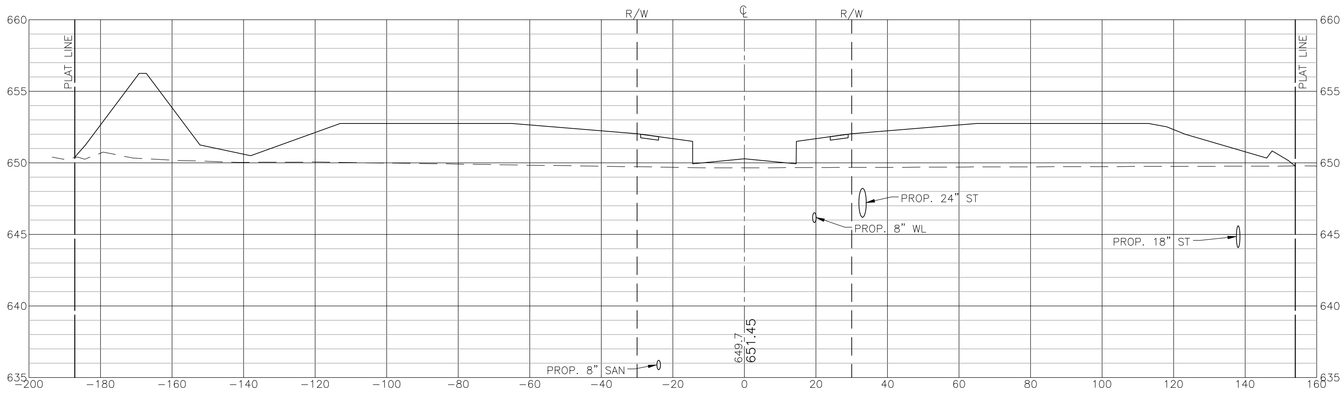
10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

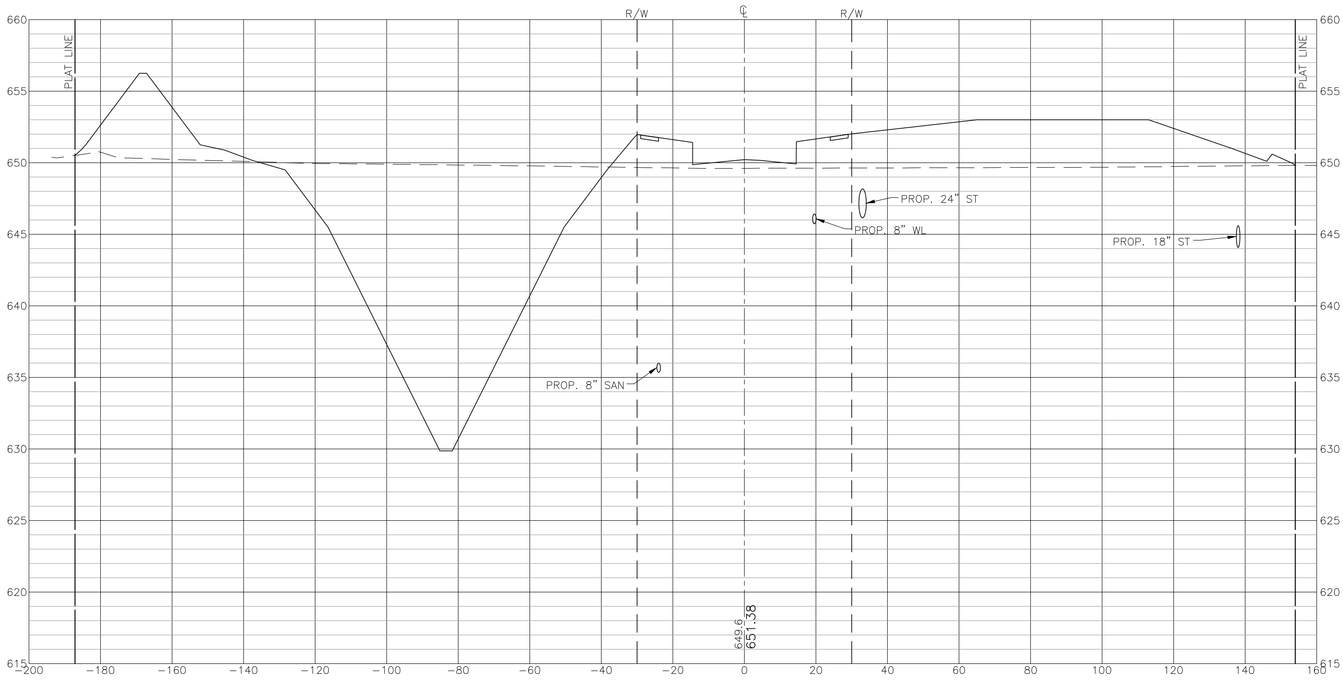
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS



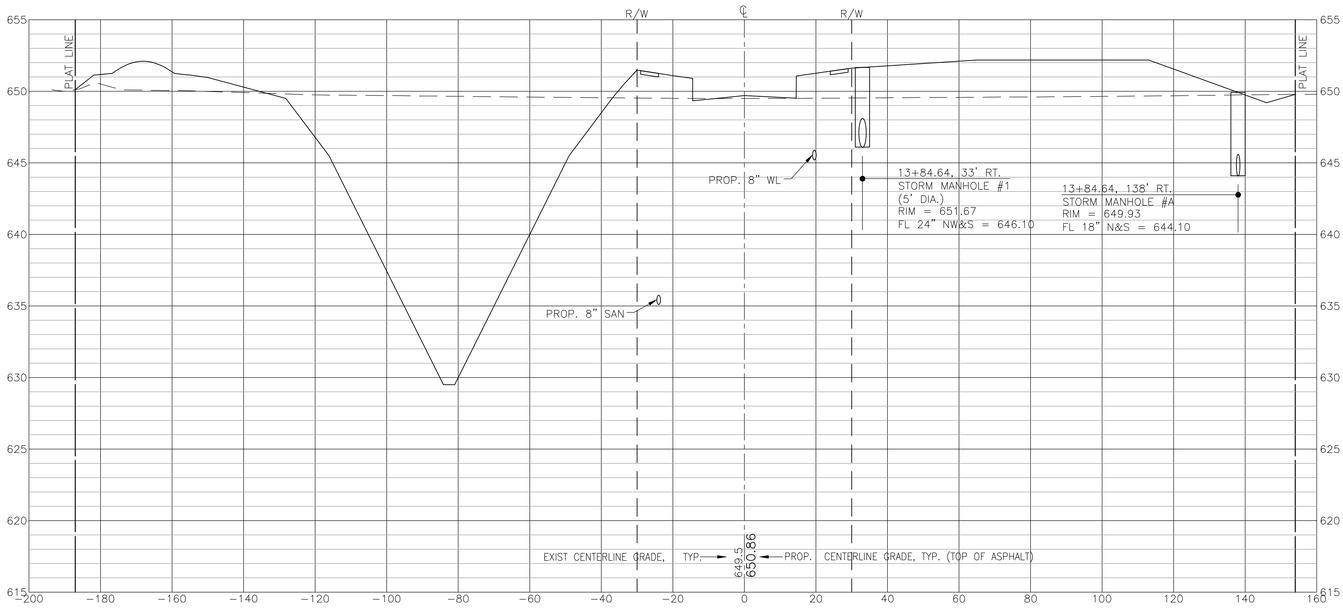
STA. 15+50



STA. 15+00.00



STA. 14+50



STA. 13+84.64

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

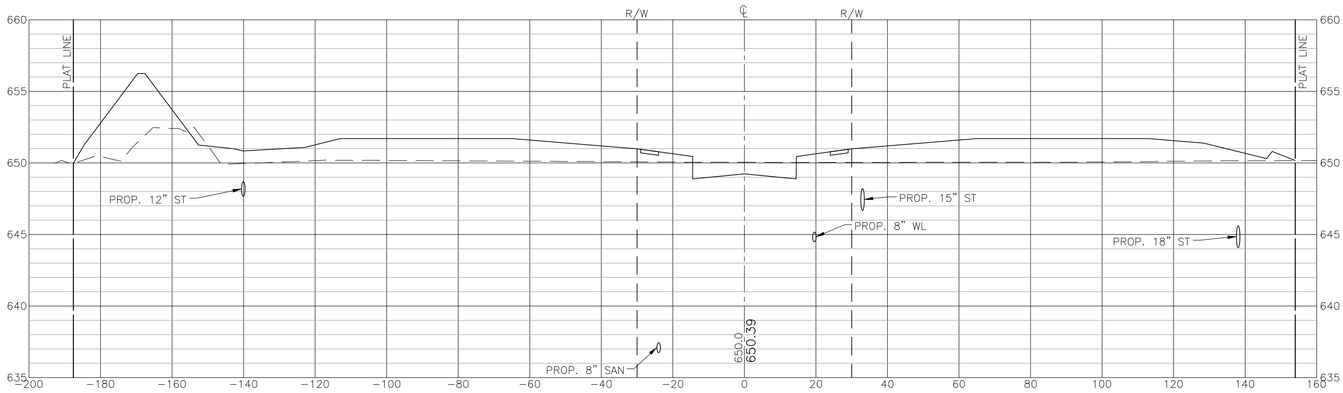
19
39

10E08554

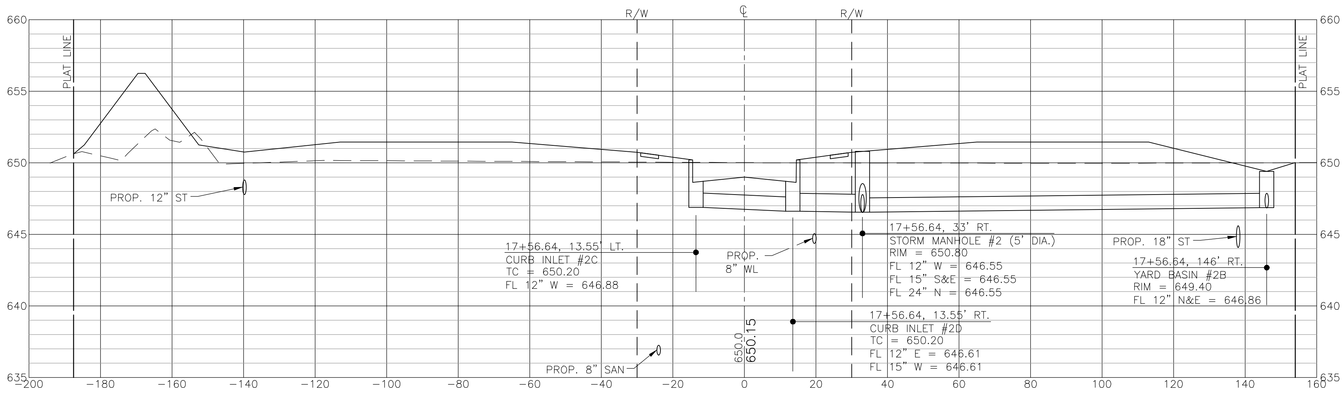
FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
DESIGN BY:		ZTB
DRAWN BY:		LTR
DATE:		9-12-22
SCALE:		1"=10'
DRAWING:		C15-08SA08-00A1A8

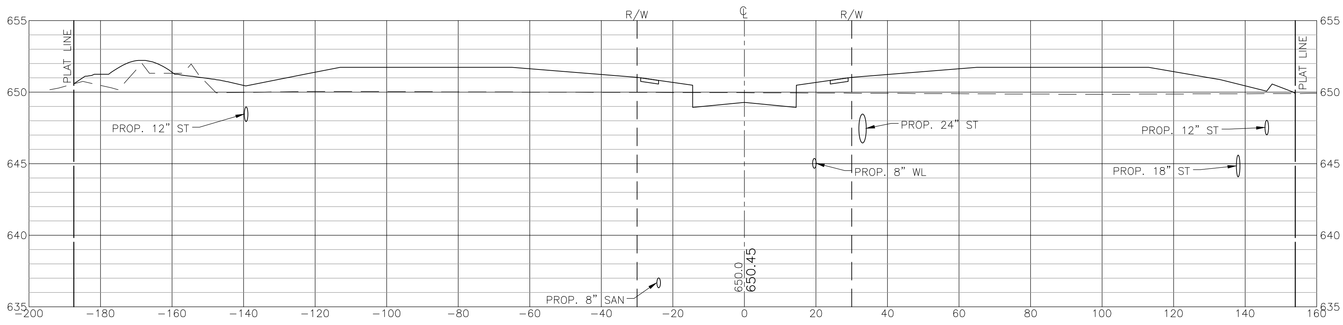
© 2024 FELLER, FINCH & ASSOC., INC.



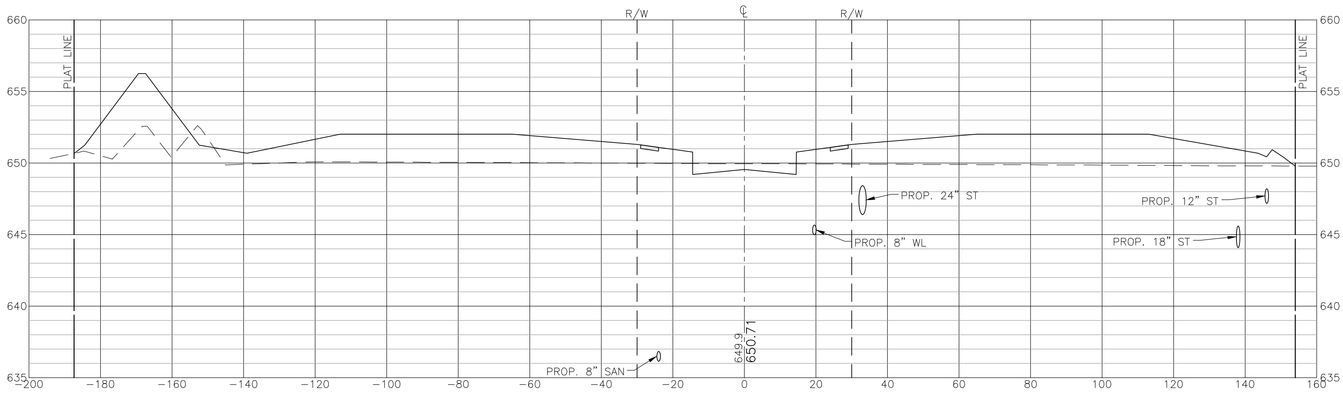
STA. 18+00



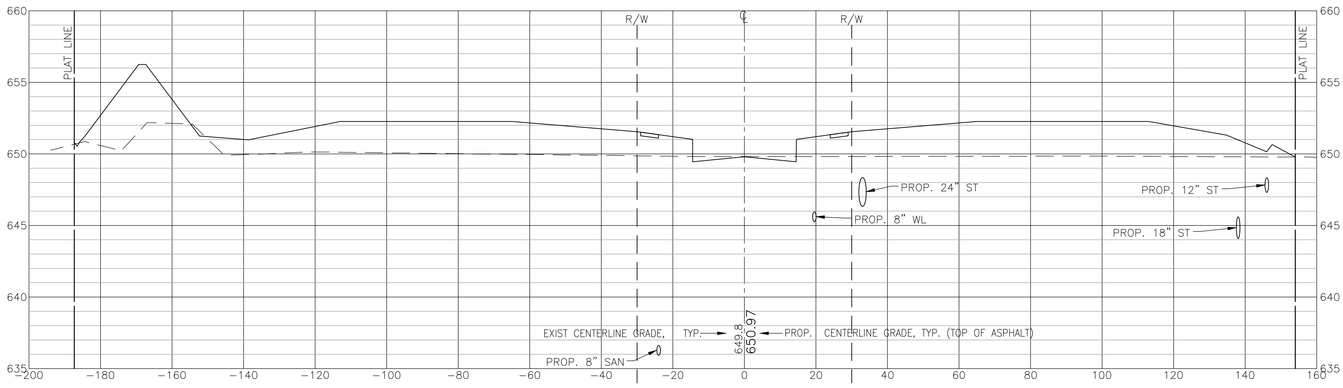
STA. 17+56.64



STA. 17+00



STA. 16+50



STA. 16+00

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

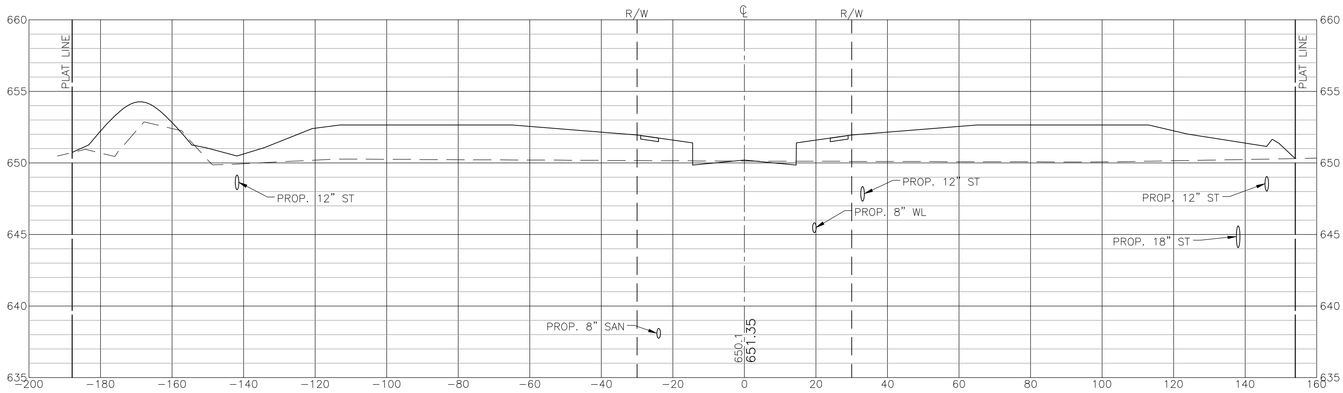
10E08554

20
39

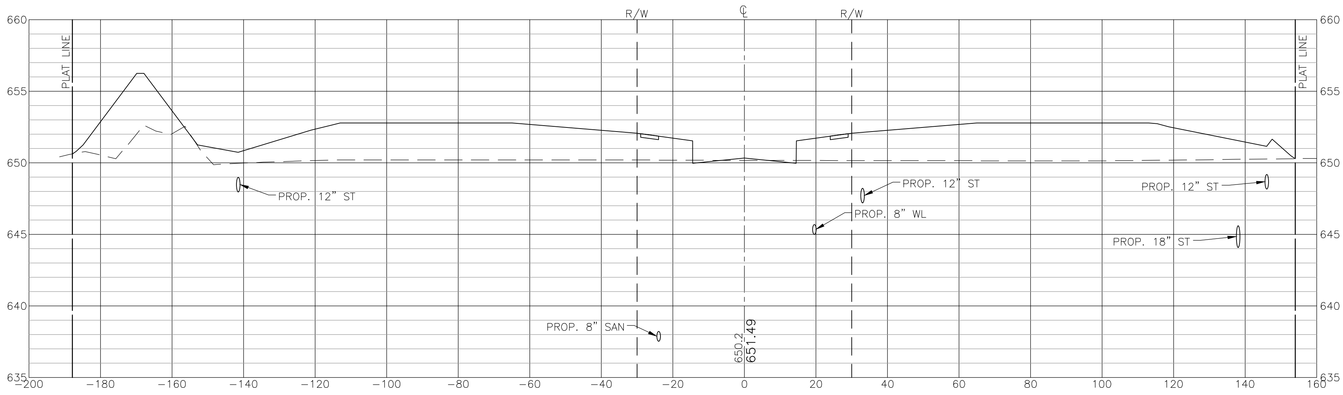
FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
	DESIGN BY:	ZTB
	DRAWN BY:	LTR
	DATE:	9-12-22
	SCALE:	1"=20'
	DRAWING:	C15-4B5A5B-X0U1A8

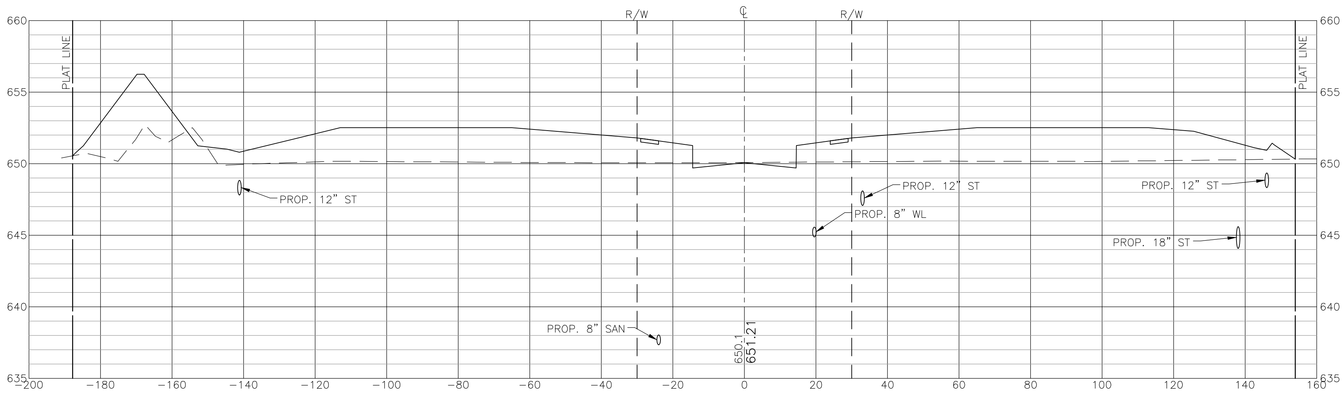
© 2024 FELLER, FINCH & ASSOC., INC.



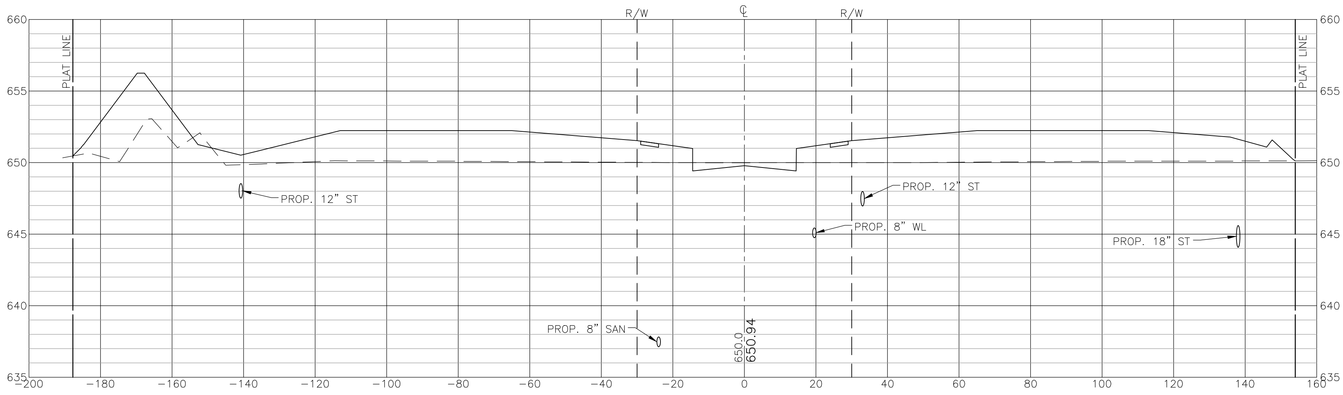
STA. 20+50



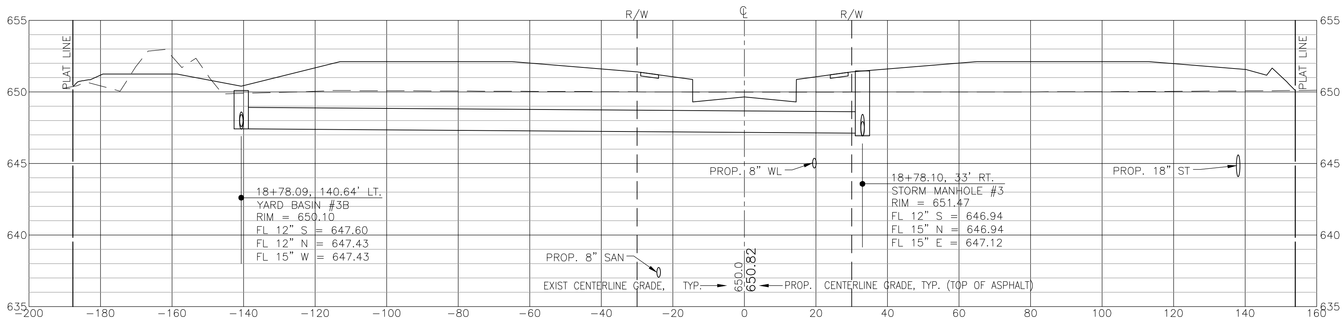
STA. 20+00



STA. 19+50



STA. 19+00



STA. 18+78.1

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

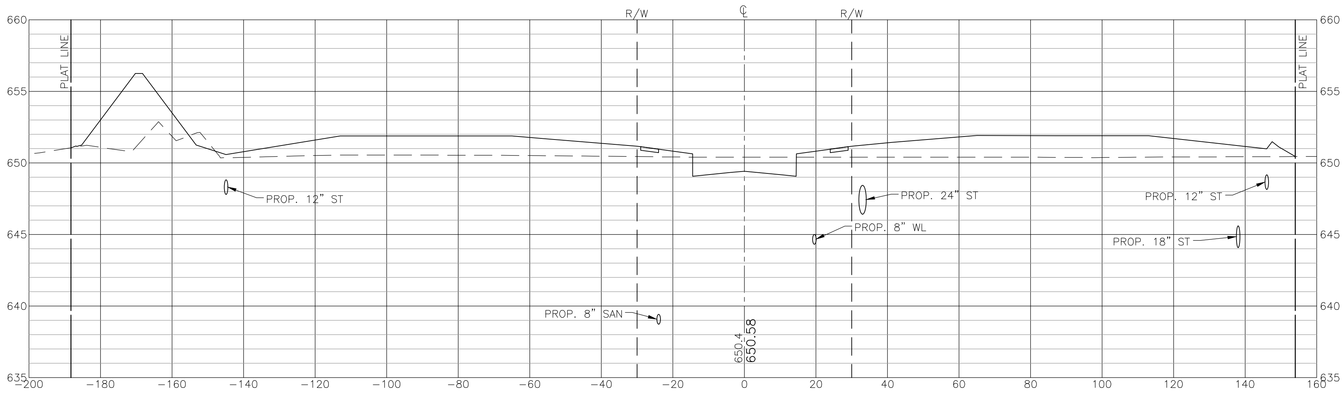
RECORD CONSTRUCTION 7/11/24

21
39

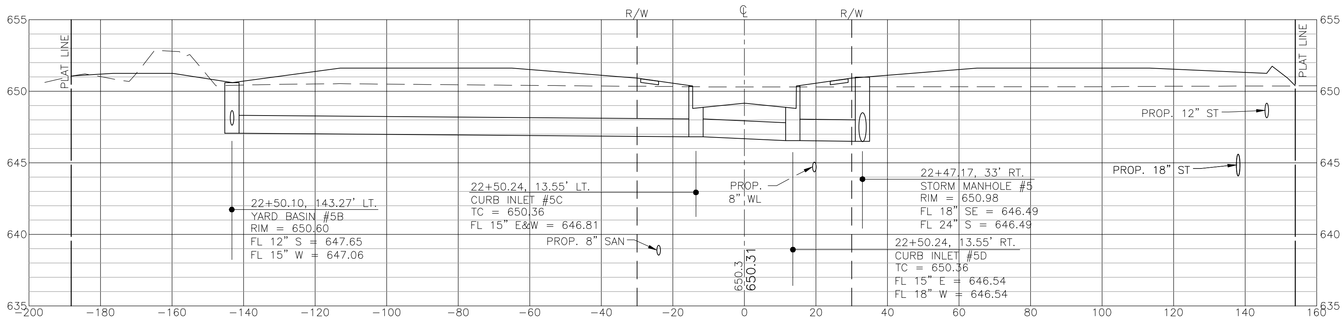
10E08554

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	
DESIGN BY: ZTB		
DRAWN BY: LTR		
DATE: 9-12-22		
CHECKED BY:		
DRAWING:C15-08SA5P00U18		

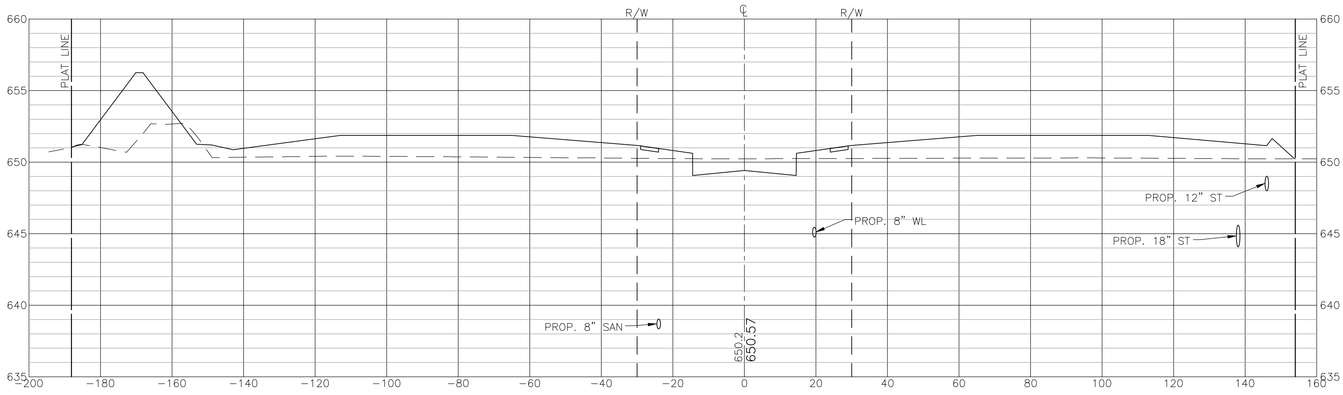
© 2024 FELLER, FINCH & ASSOC., INC.



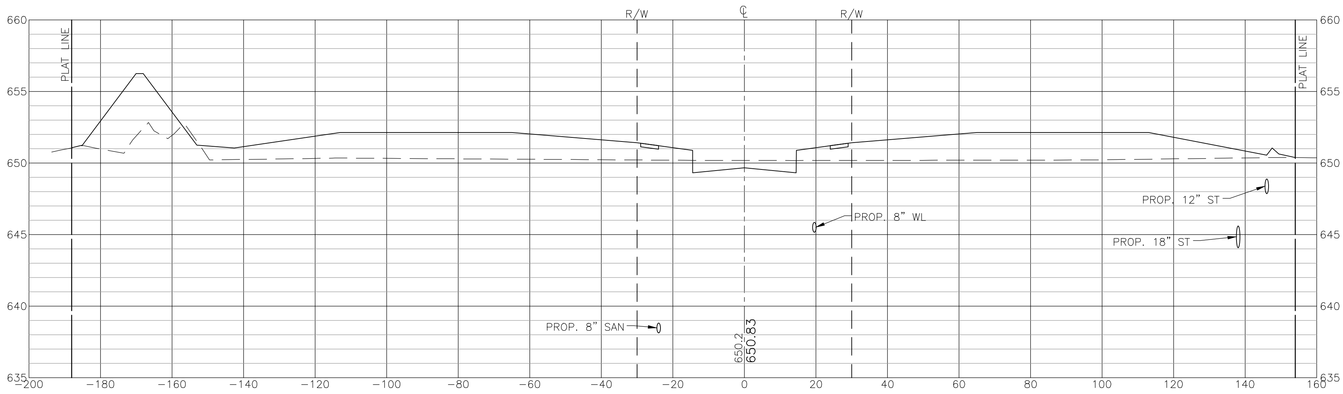
STA. 23+00



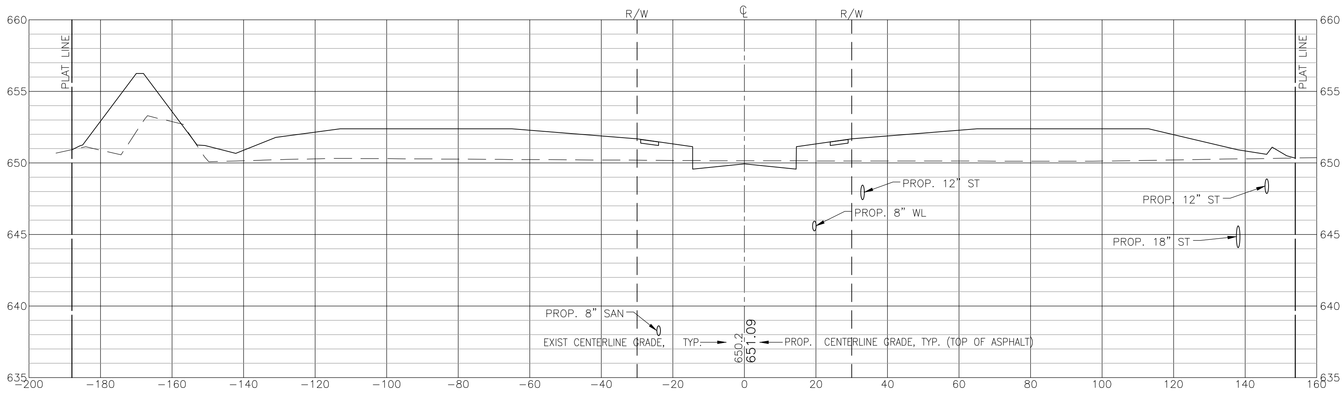
STA. 22+50



STA. 22+00



STA. 21+50



STA. 21+00

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

22
39

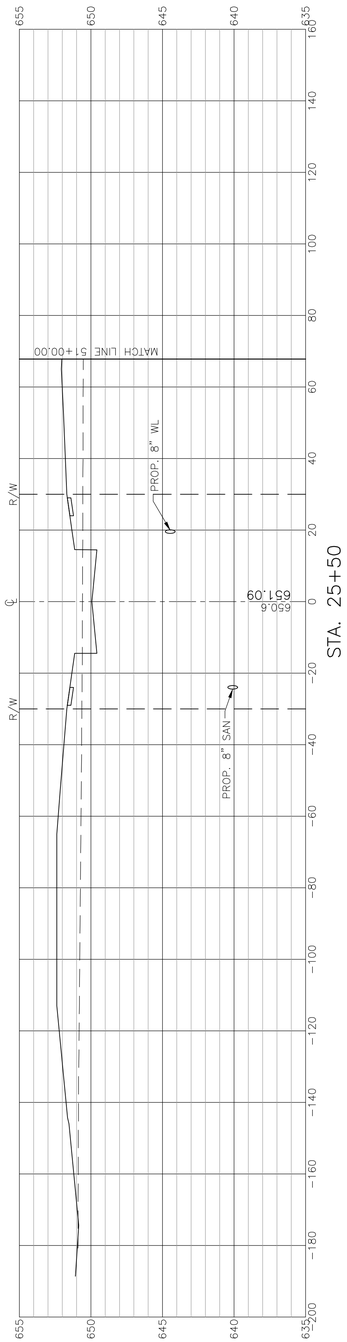
10E08554

REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		SCALE: 1"=20'
		DRAWING:C15-4BS-4SP-XSLI.dgn

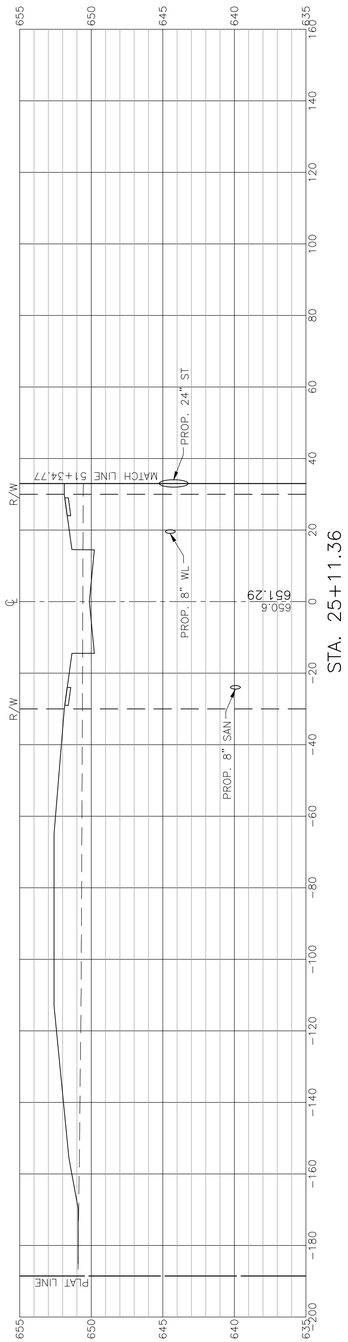
FELLER, FINCH & ASSOCIATES, INC.

© 2024 FELLER, FINCH & ASSOC., INC.

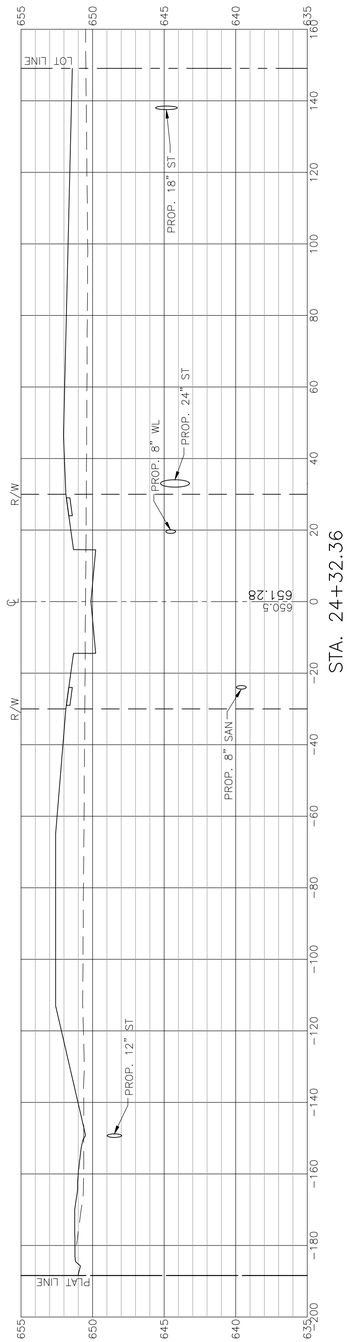
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



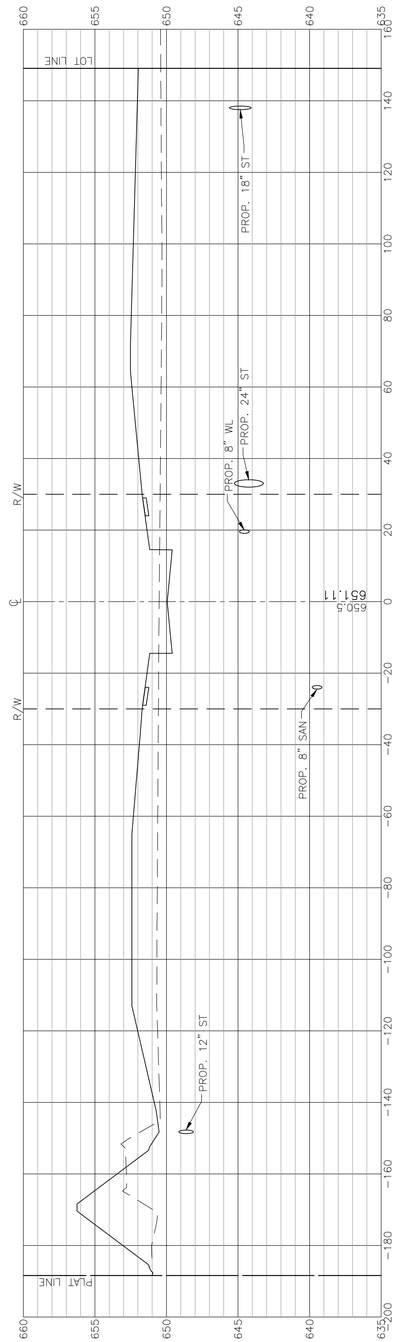
STA. 25+50



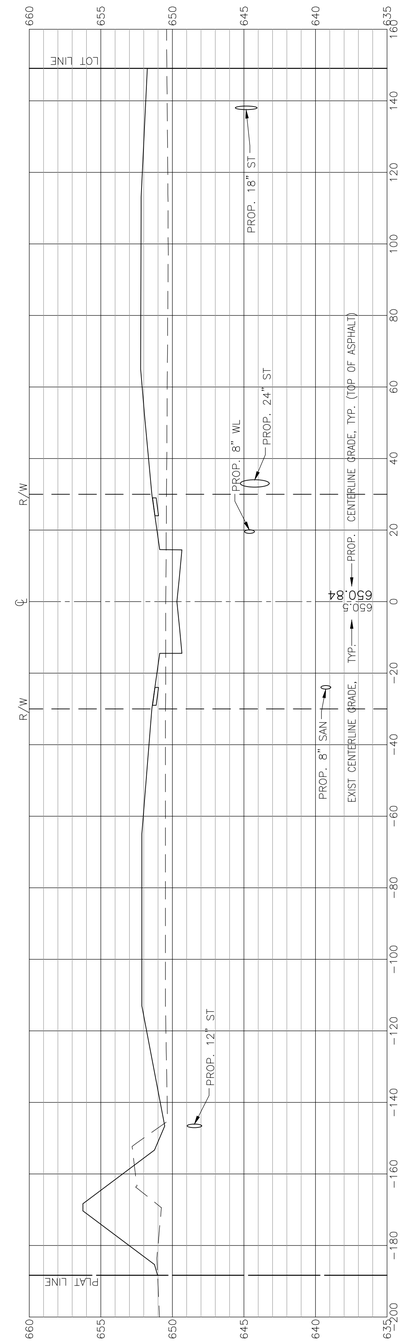
STA. 25+11.36



STA. 24+32.36



STA. 24+00



STA. 23+50

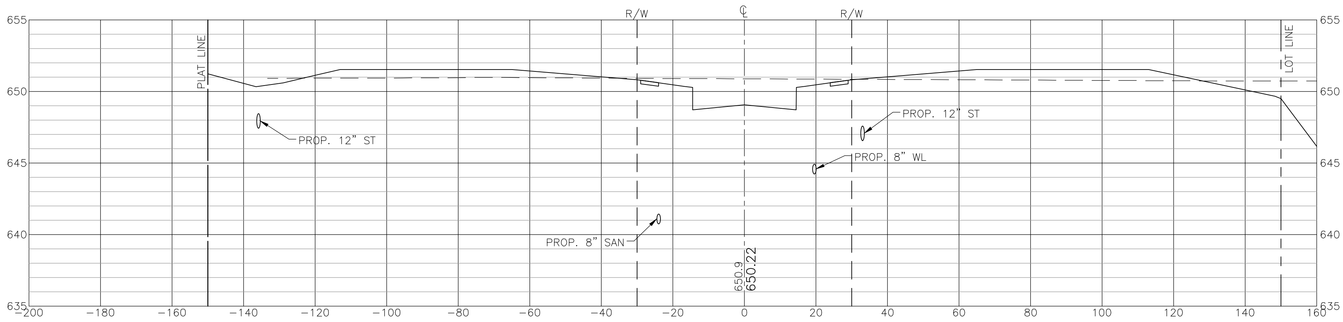
RECORD CONSTRUCTION 7/11/24

23
39

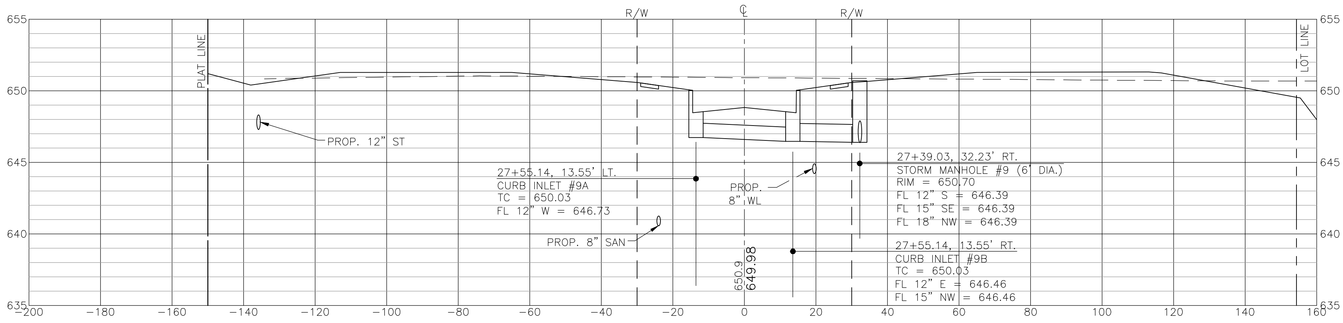
10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

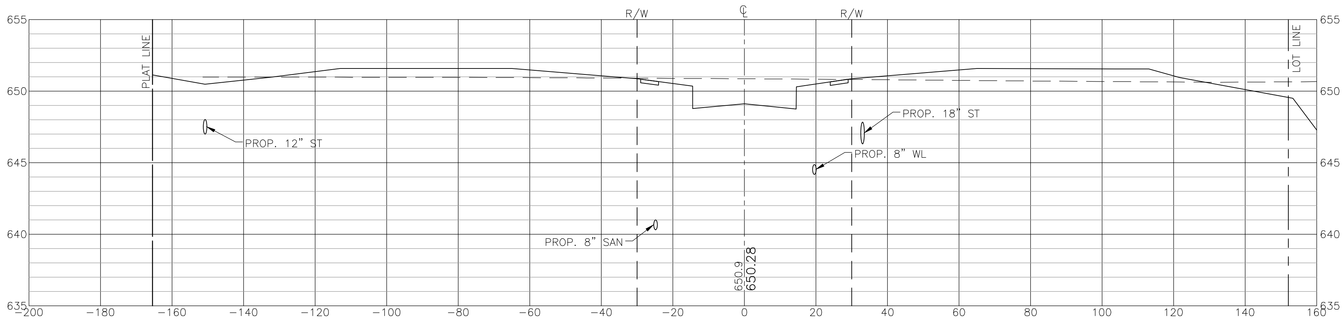
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS



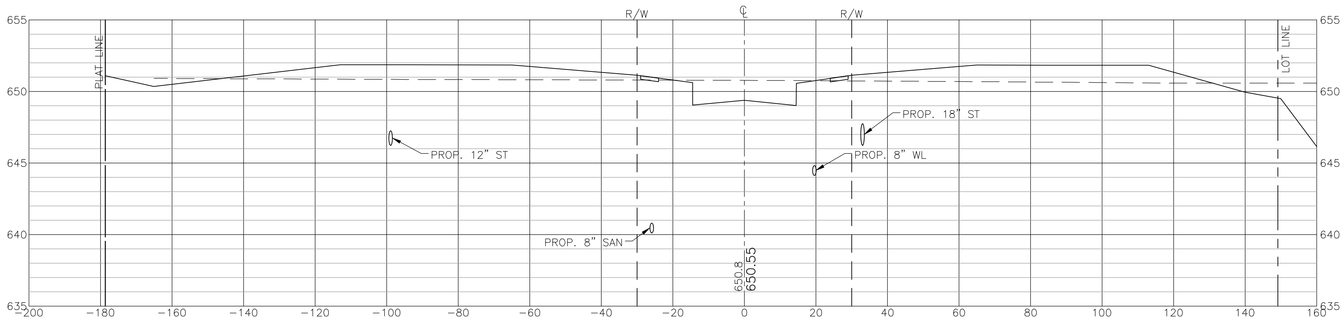
STA. 28+00



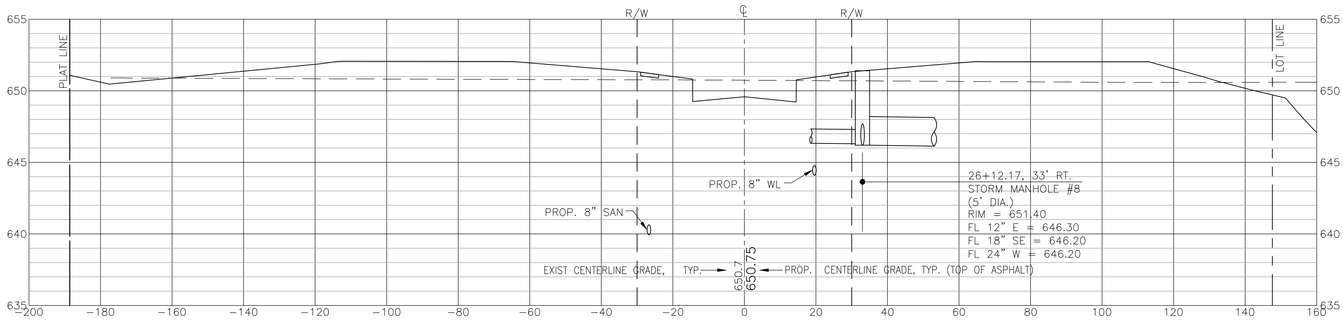
STA. 27+55.14



STA. 27+00



STA. 26+50



STA. 26+12.17

PROP. 15" ST

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

24
39

10E08554

REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		SCALE: 1"=5'
		DRAWING: C15-8B5A5B90A148

FELLER, FINCH & ASSOCIATES, INC.

© 2024 FELLER, FINCH & ASSOC., INC.

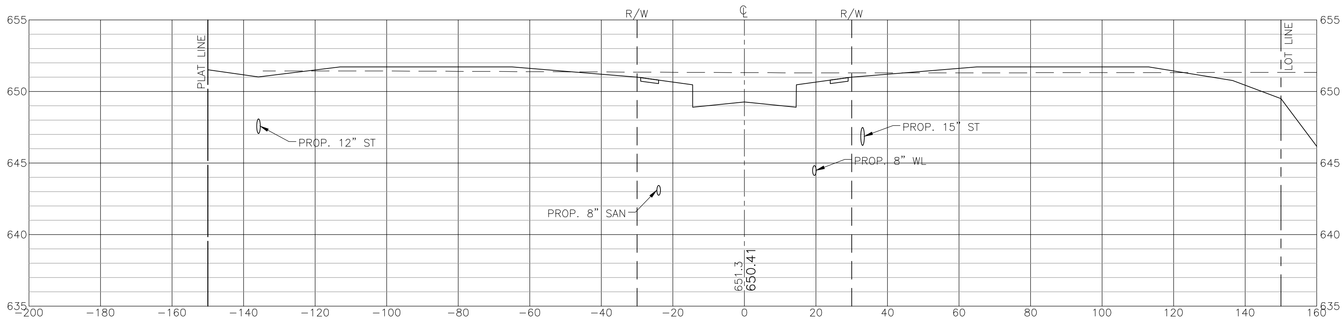
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

RECORD CONSTRUCTION 7/11/24

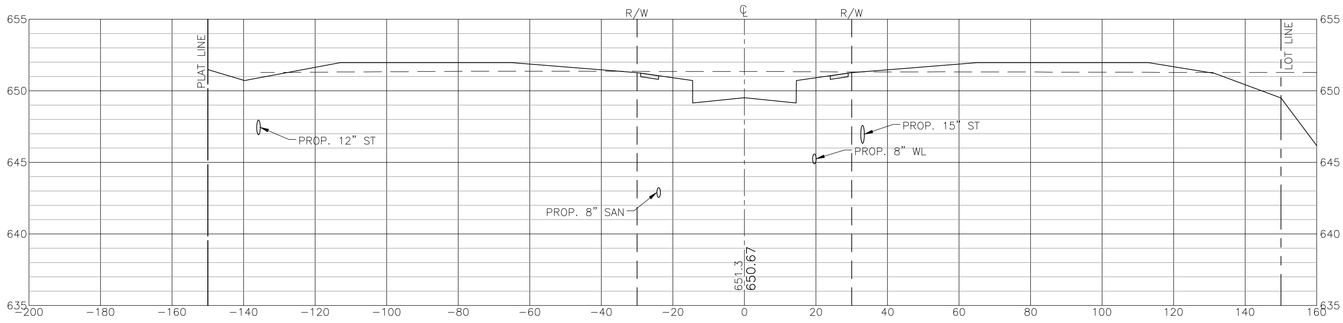
10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

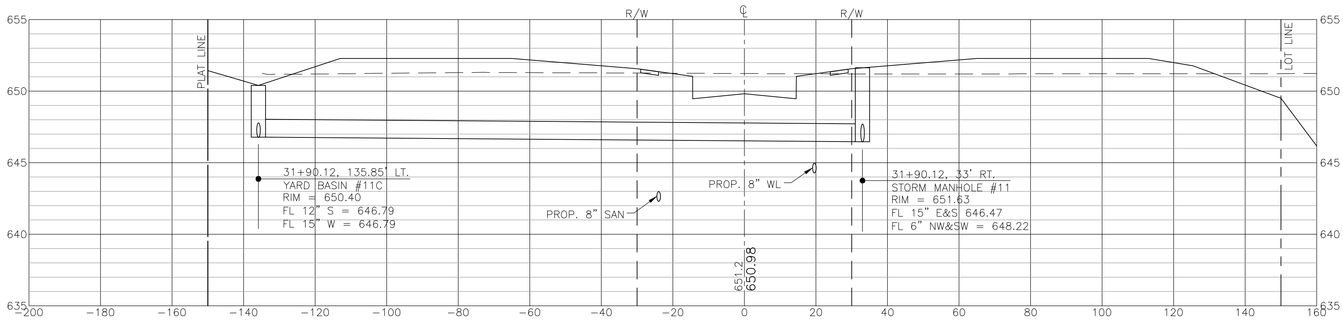
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS



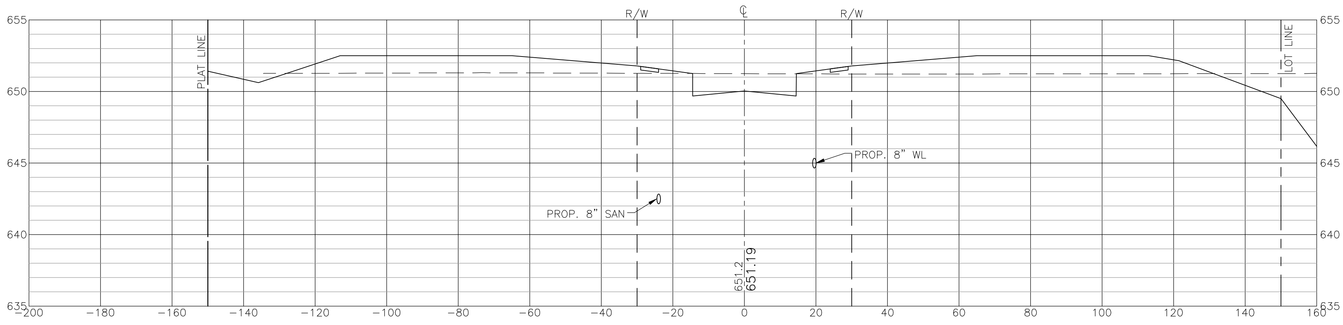
STA. 33+00



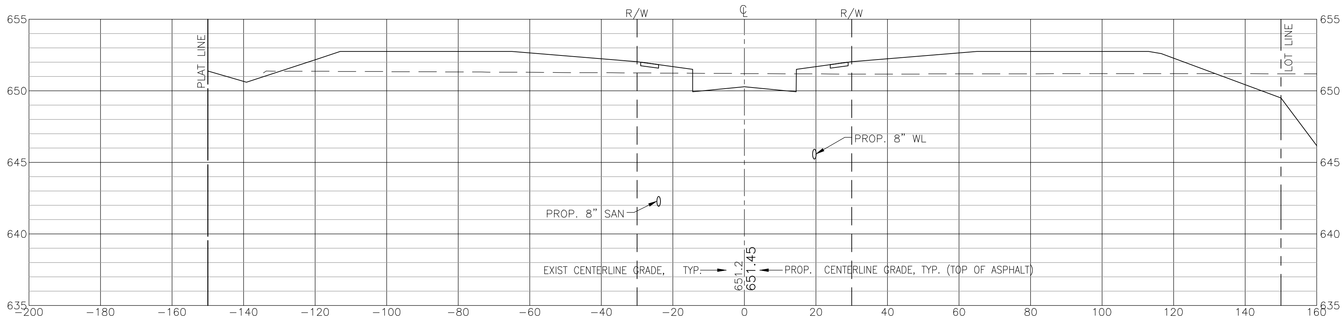
STA. 32+50



STA. 31+90.11



STA. 31+50



STA. 31+00

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

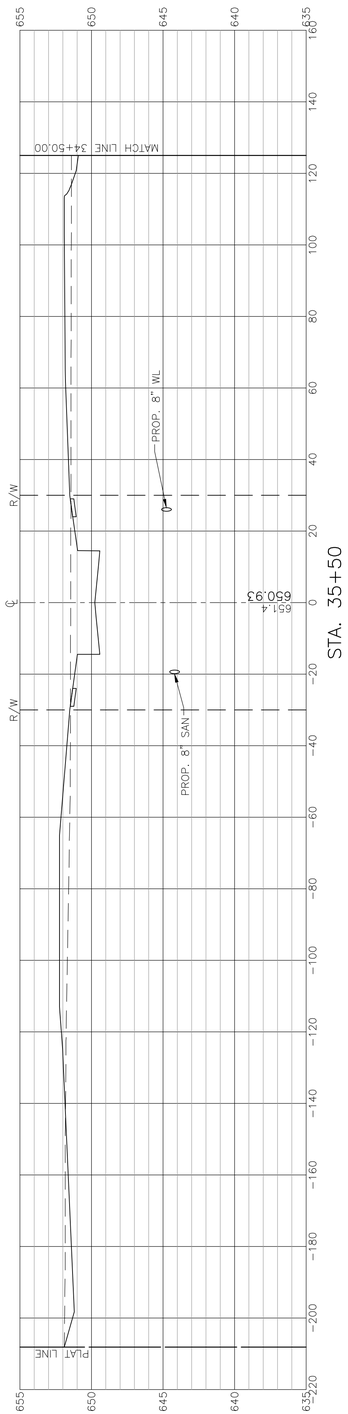
26
39

10E08554

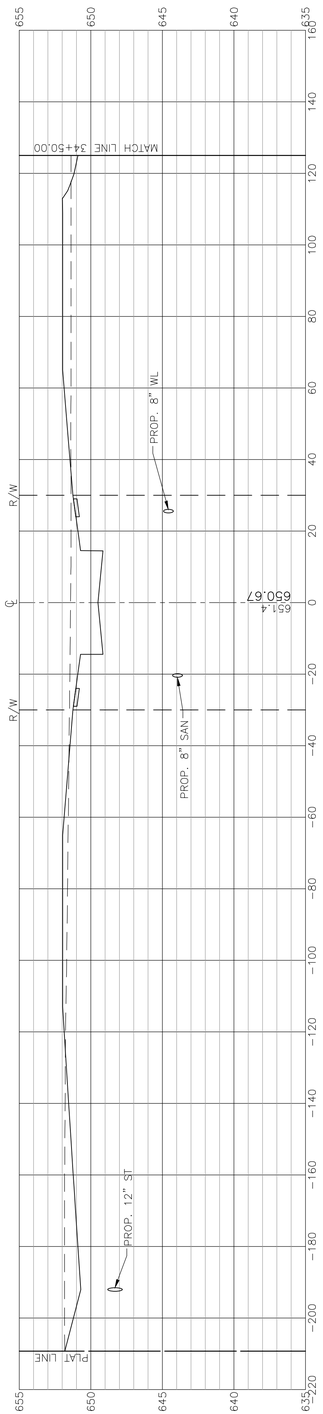
FELLER, FINCH & ASSOCIATES, INC.	
REVISION	DATE
DESIGN BY:	ZTB
DRAWN BY:	LTR
DATE:	9-12-22
CHECKED BY:	DGF
DRAWING:	C15-48G4SR90U48

© 2024 FELLER, FINCH & ASSOC., INC.

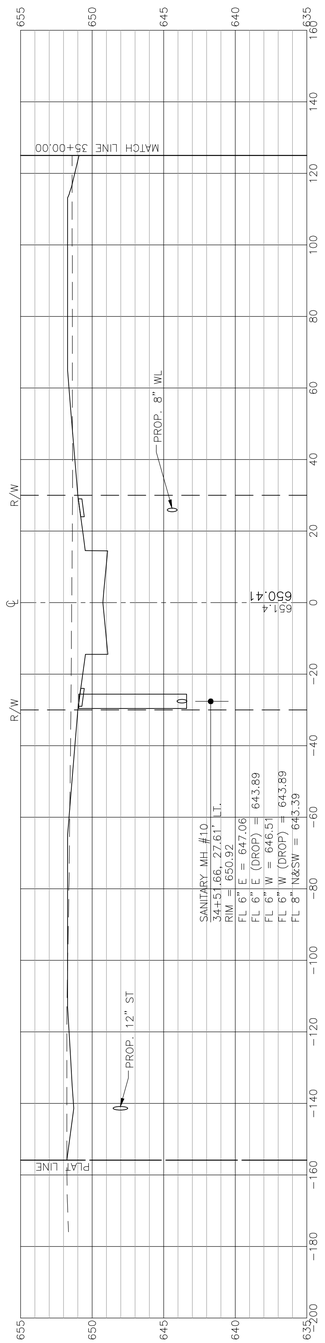
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



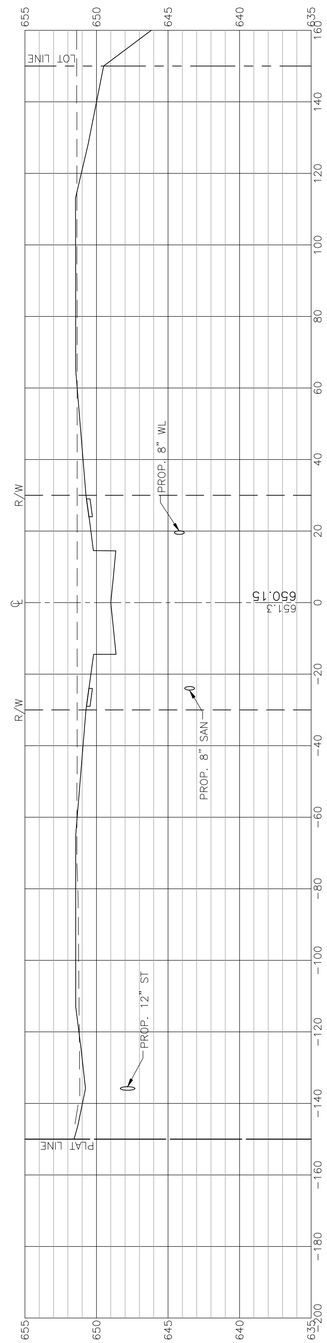
STA. 35+50



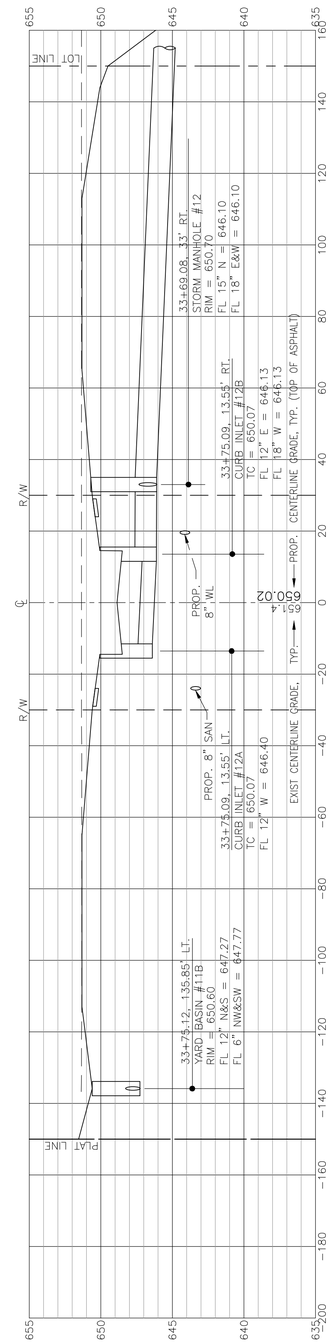
STA. 35+00



STA. 34+50



STA. 34+00



STA. 33+75.09

RECORD CONSTRUCTION 7/11/24

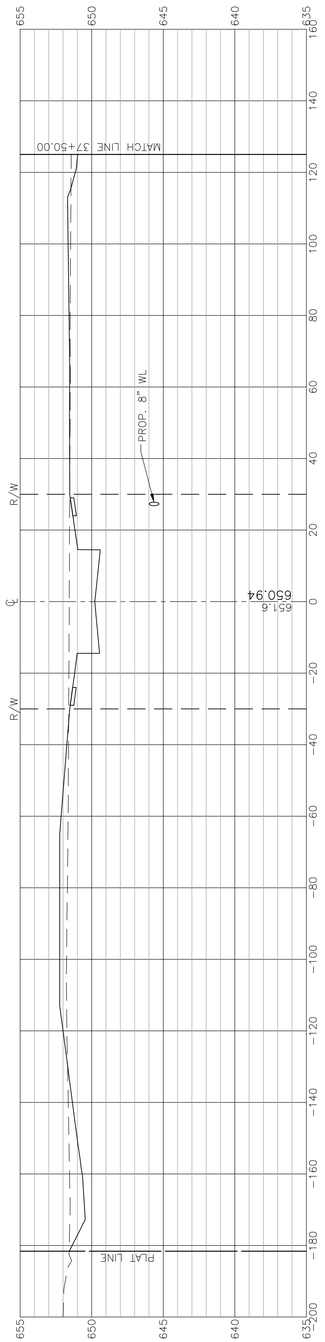
27
39

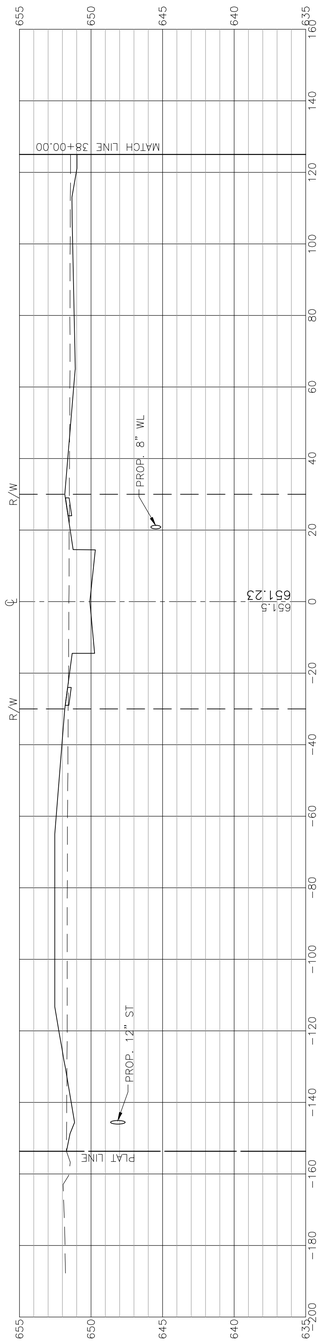
10E08554

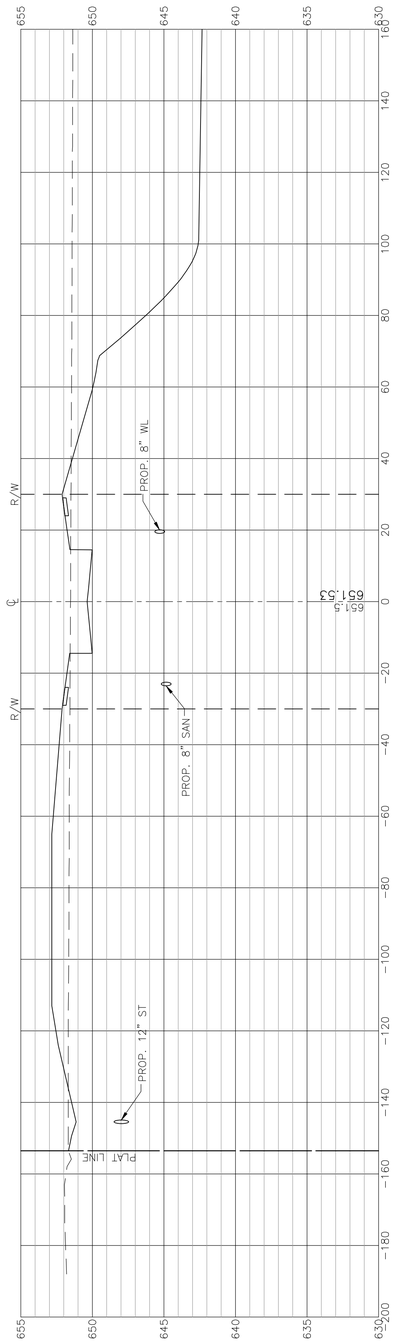
© 2024 FELLER, FINCH & ASSOC., INC.

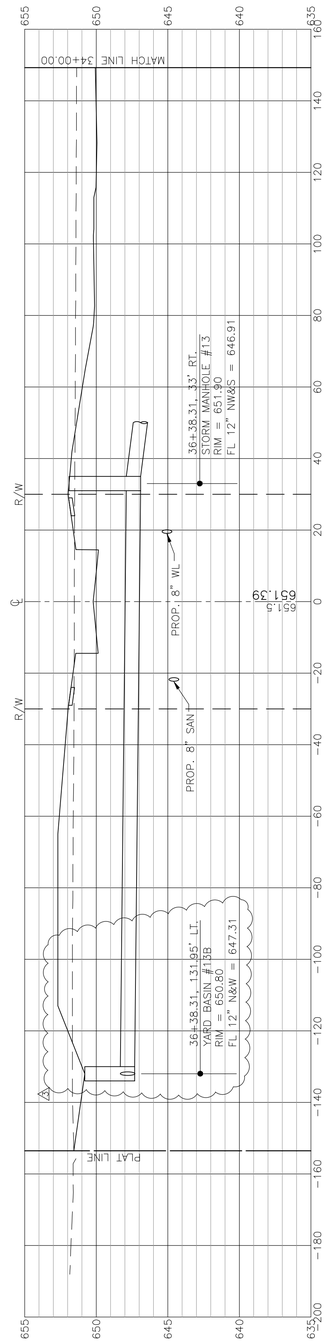
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

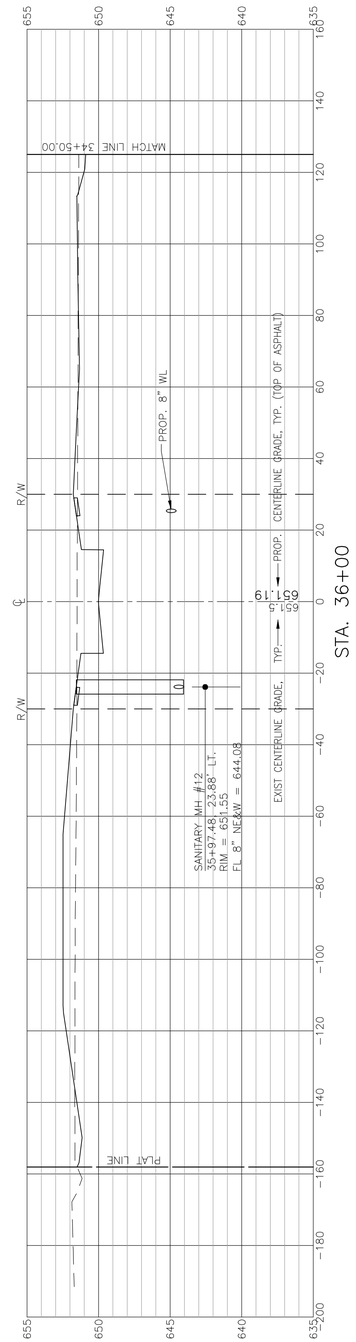
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
3 STORM REV.	2.17.23	DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6











RECORD CONSTRUCTION 7/11/24

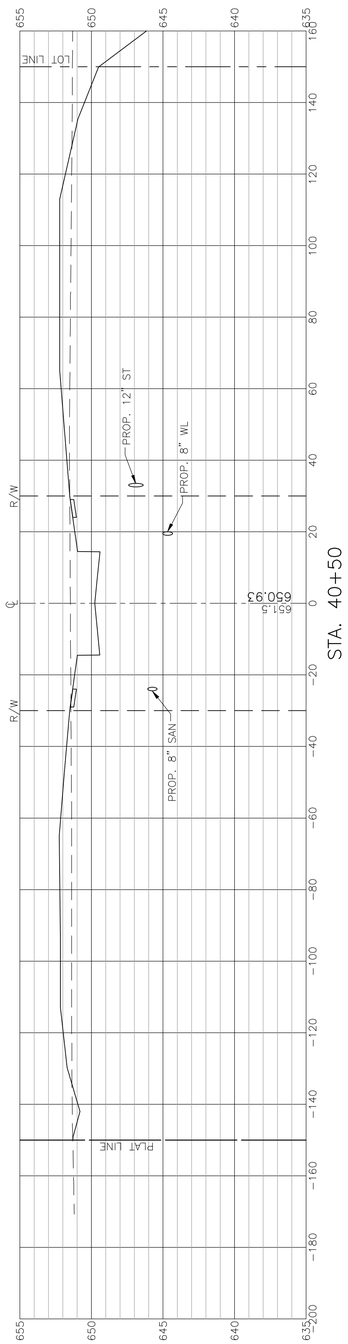
28
39

10E08554

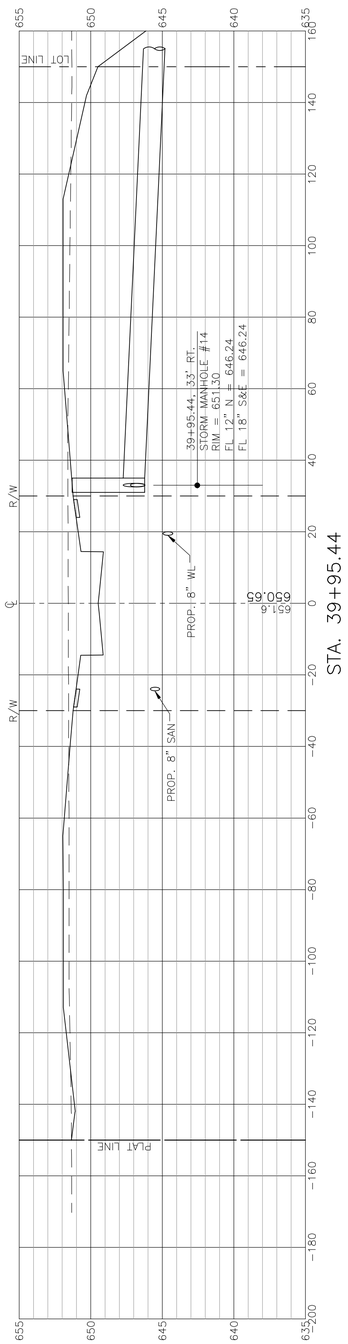
© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

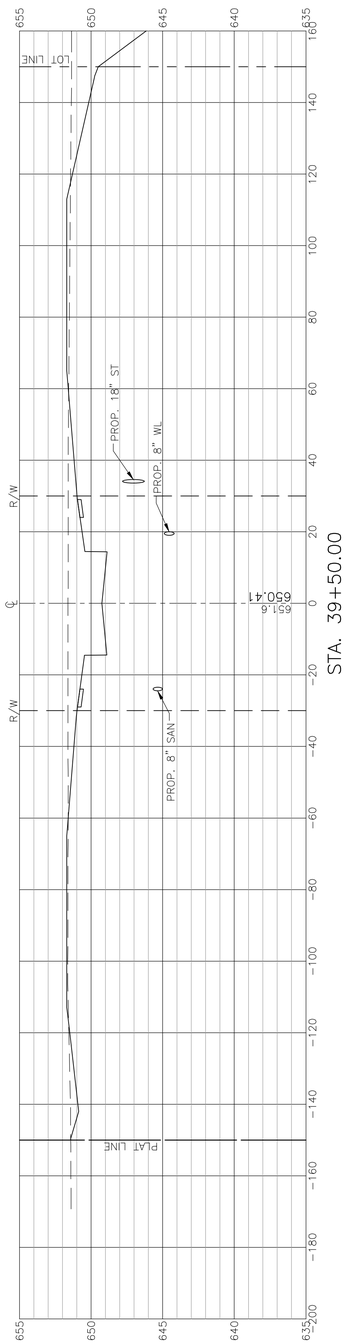
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



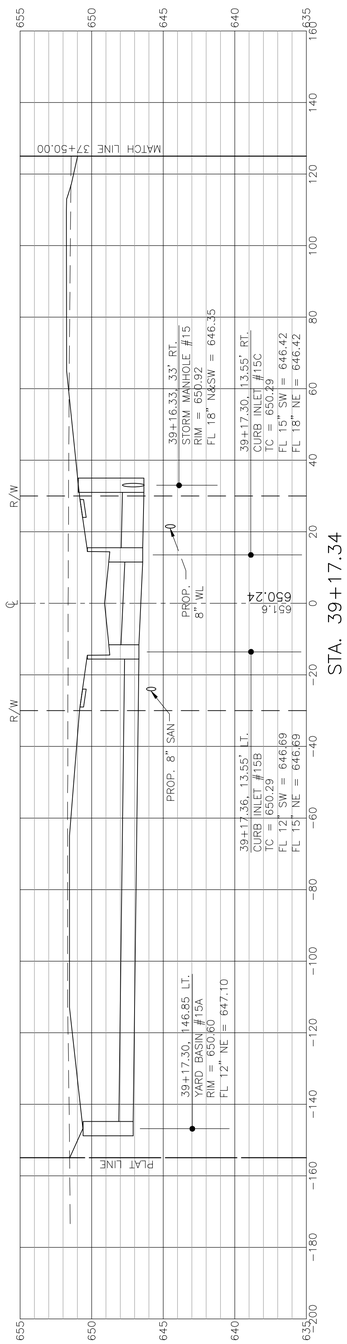
STA. 40+50



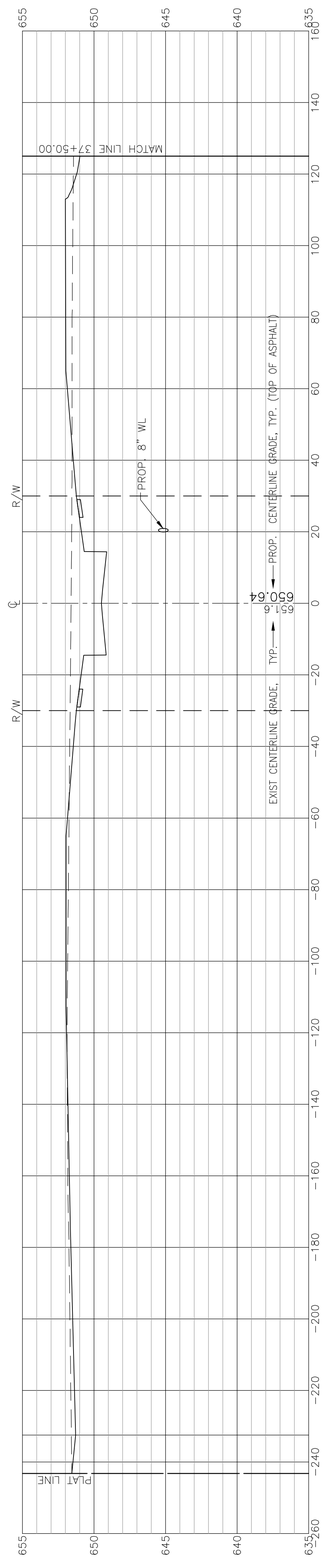
STA. 39+95.44



STA. 39+50.00



STA. 39+17.34



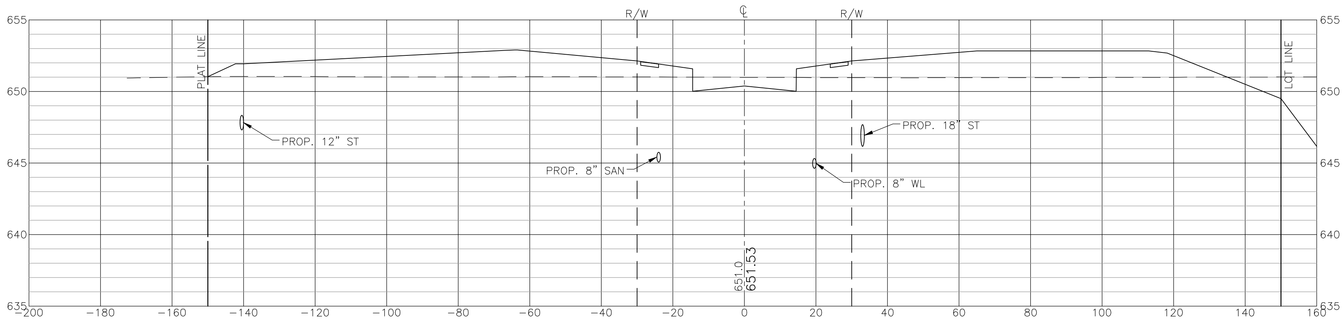
STA. 38+50

RECORD CONSTRUCTION 7/11/24

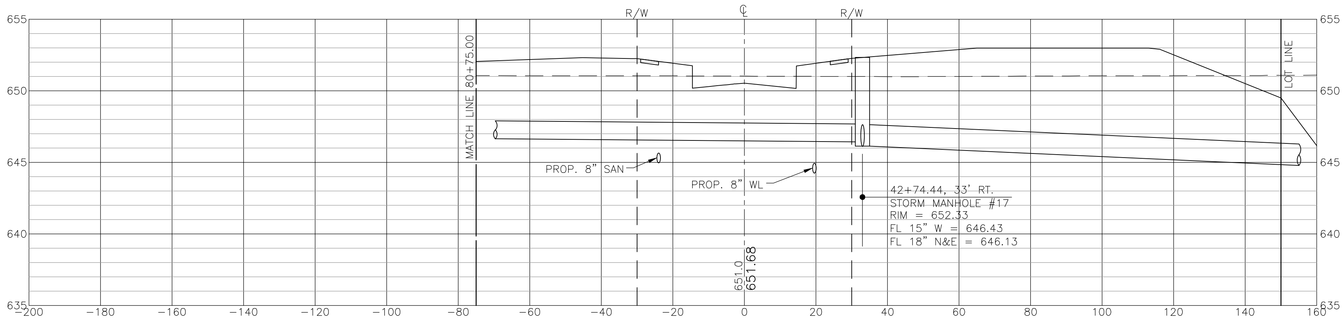
© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

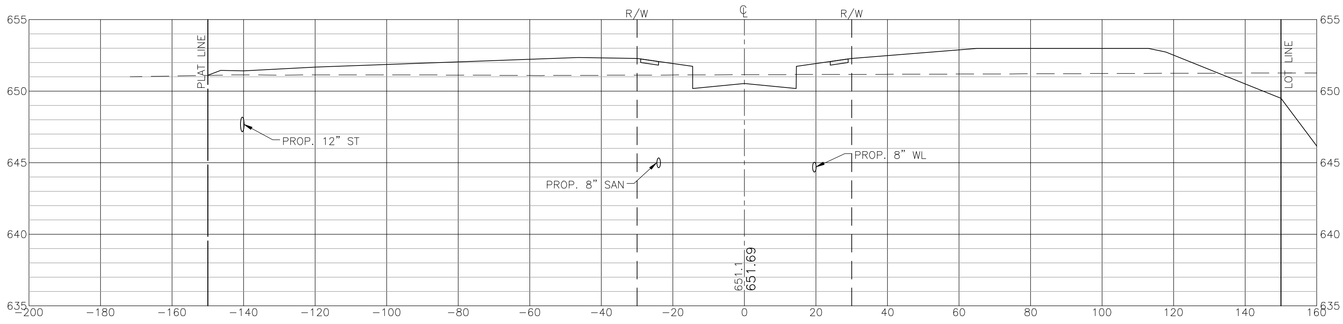
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS



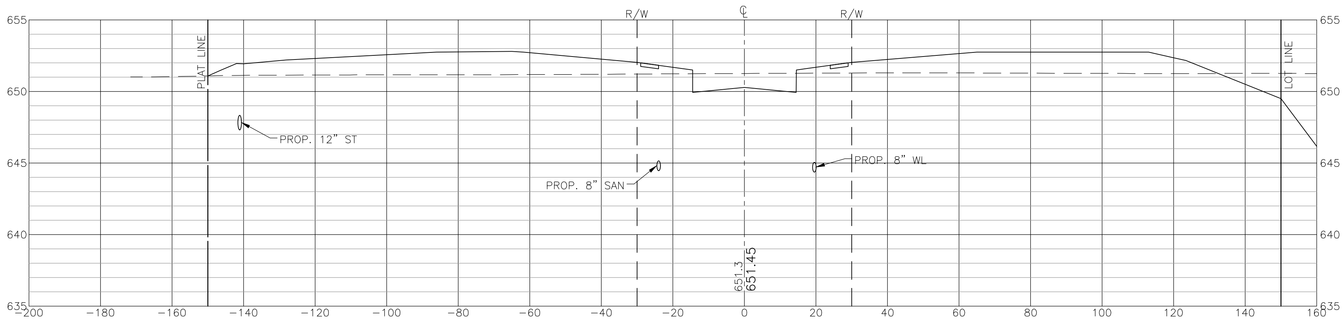
STA. 43+00



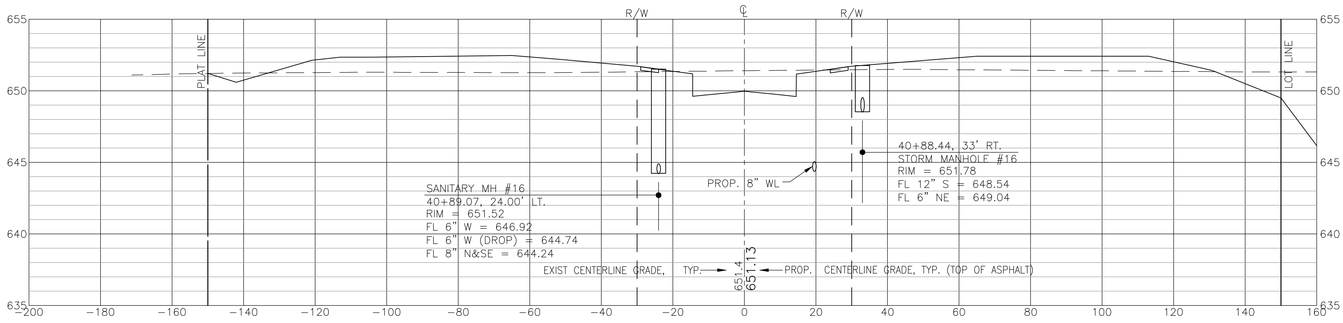
STA. 42+74



STA. 41+96.6



STA. 41+50



STA. 40+88.44

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

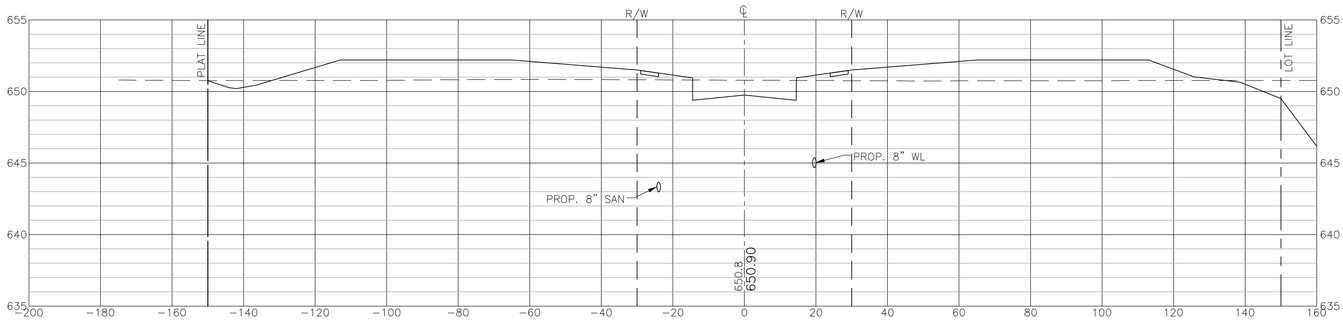
RECORD CONSTRUCTION 7/11/24

30
39

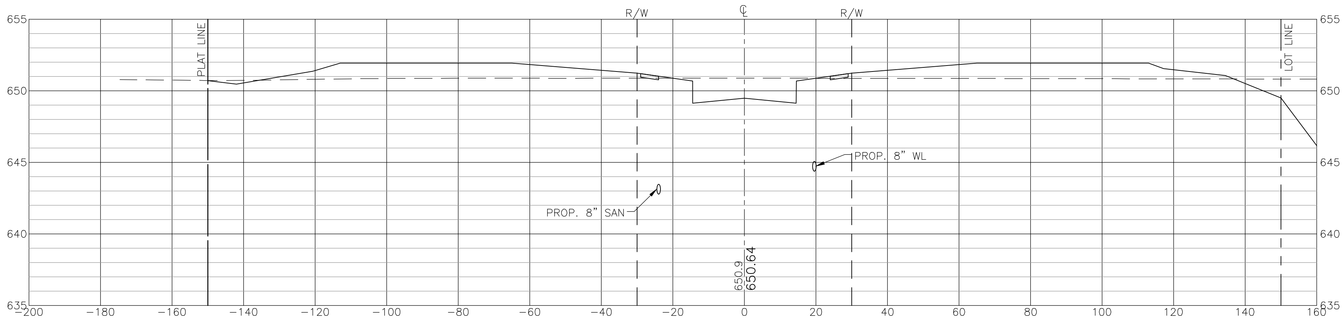
10E08554

FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
		DRAWN BY:	LTR
		DATE:	9-12-22
		DRAWING:	10E08554A
		DRAWING:C:\E-08554\08554.dwg	

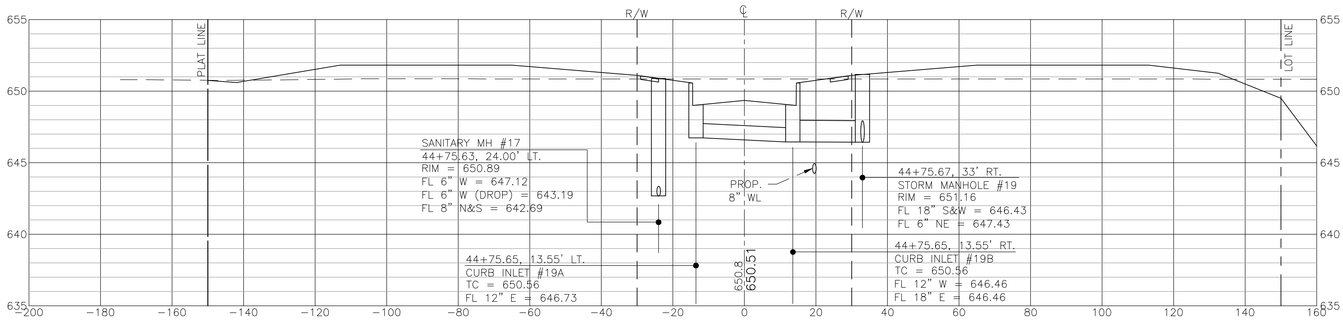
© 2024 FELLER, FINCH & ASSOC., INC.



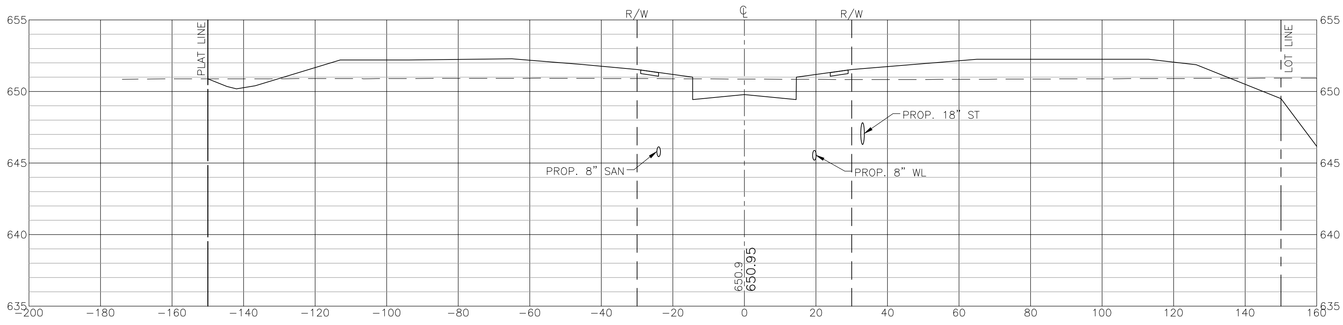
STA. 45+50.00



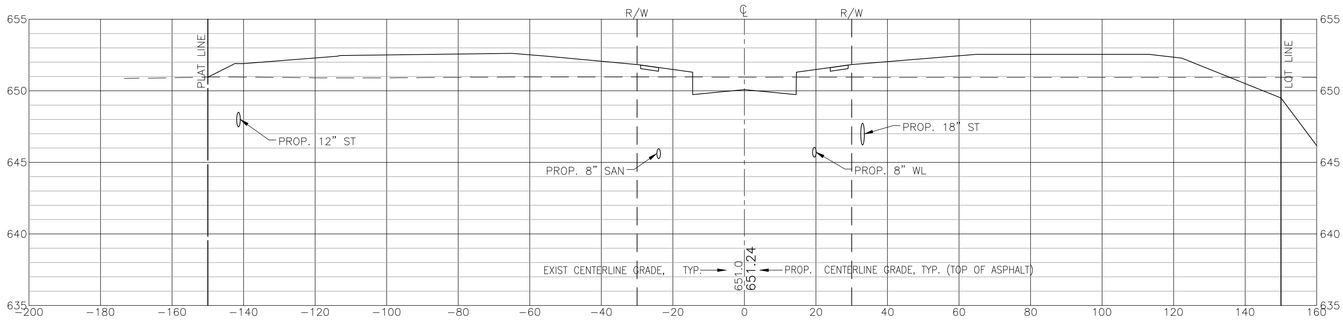
STA. 45+00



STA. 44+75.64



STA. 44+00



STA. 43+50

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
DESIGN BY:	ZTB	
DRAWN BY:	LTR	
DATE:	9-12-22	
CHECKED BY:		
DRAWING:C15-4BS4SP00U48		

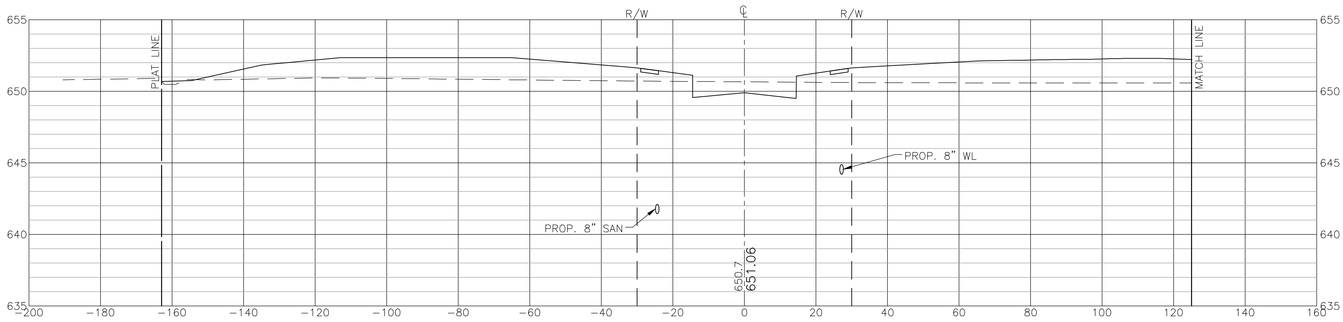
PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

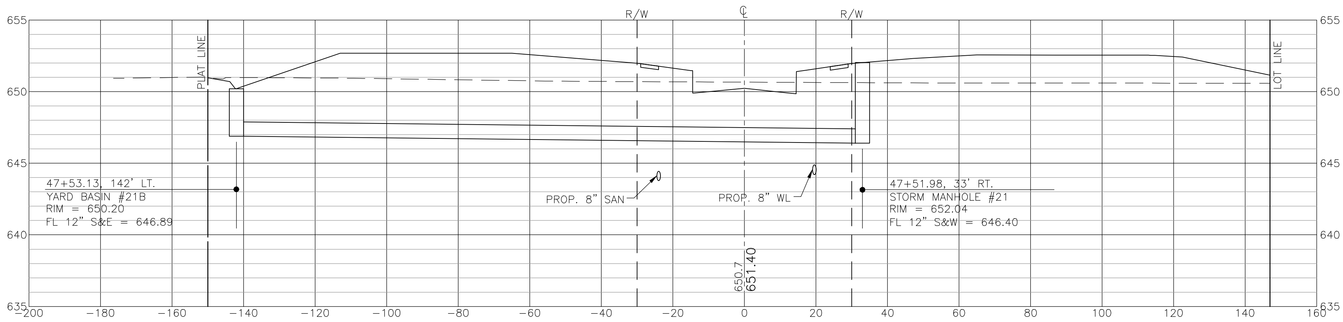
10E08554

31
39

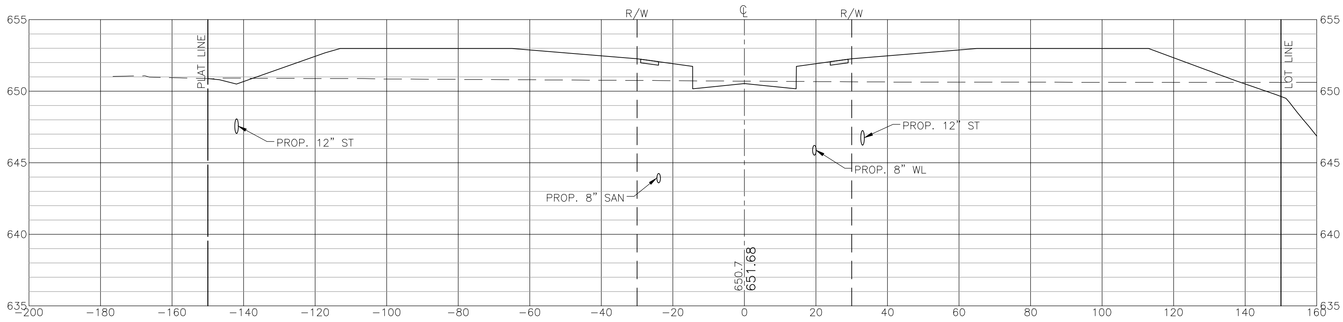
© 2024 FELLER, FINCH & ASSOC., INC.



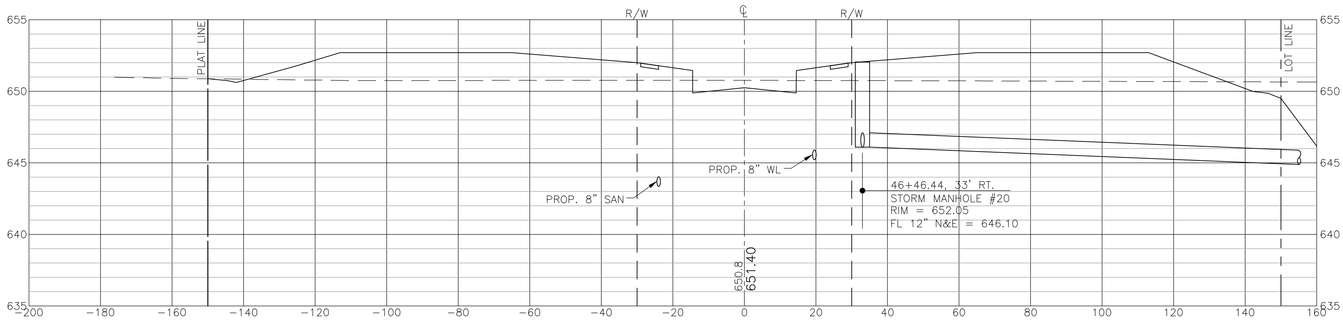
STA. 48+00



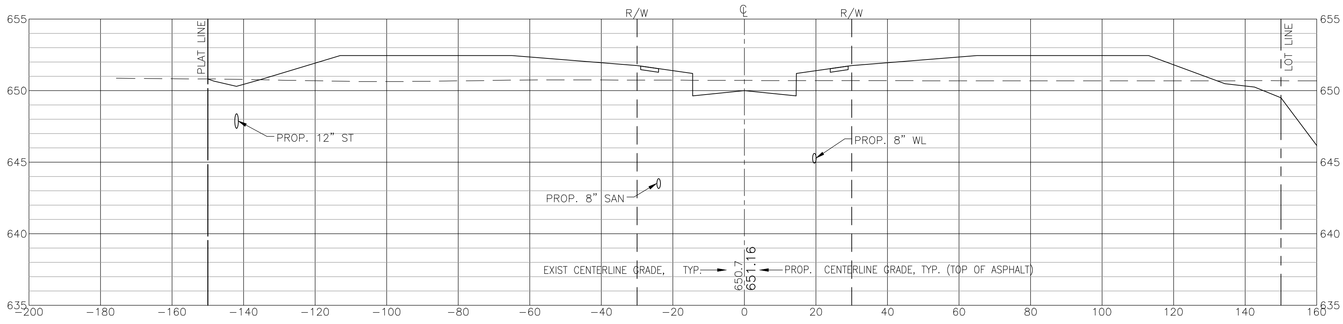
STA. 47+51.98



STA. 47+00



STA. 46+46.44



STA. 46+00

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 7/11/24

32
39

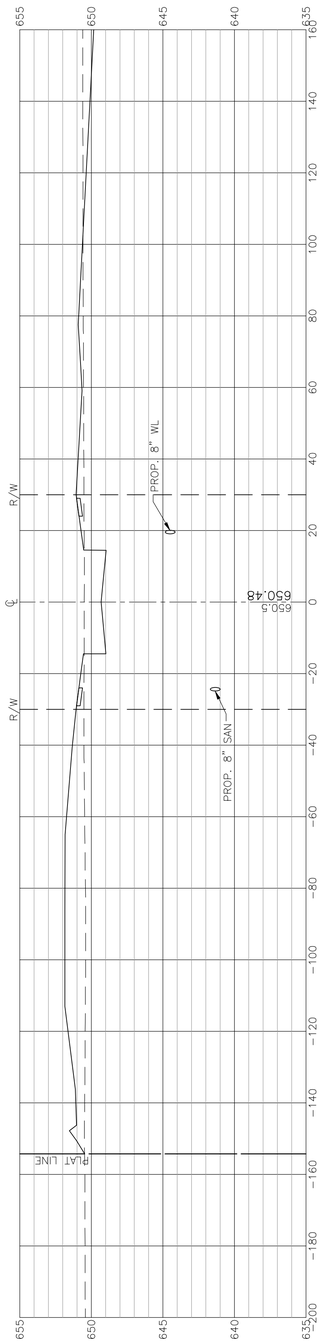
10E08554

FELLER, FINCH & ASSOCIATES, INC.

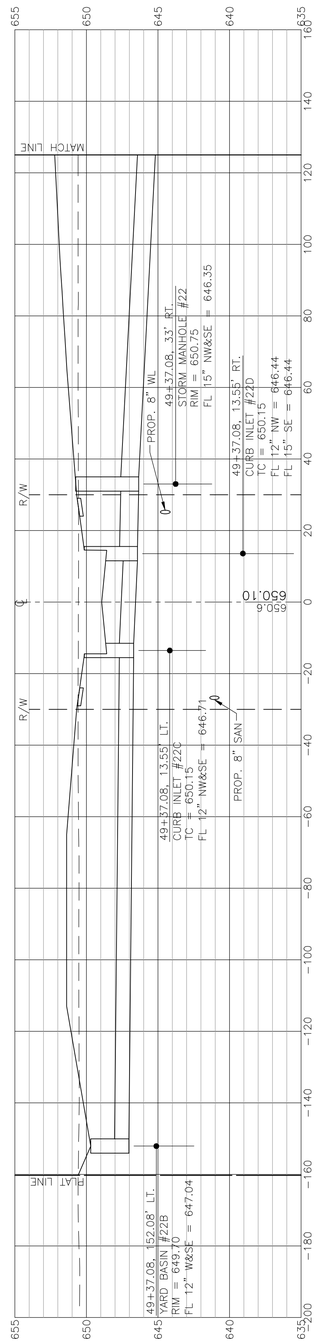
REVISION	DATE	
DESIGN BY:		ZTB
DRAWN BY:		LTR
DATE:		9-12-22
CHECKED BY:		
DRAWING: C15-48G4S8X0U48		

© 2024 FELLER, FINCH & ASSOC., INC.

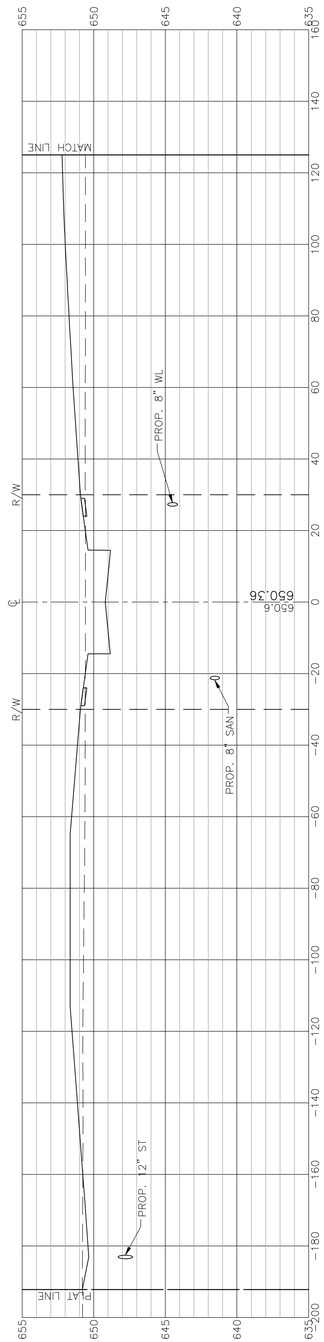
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



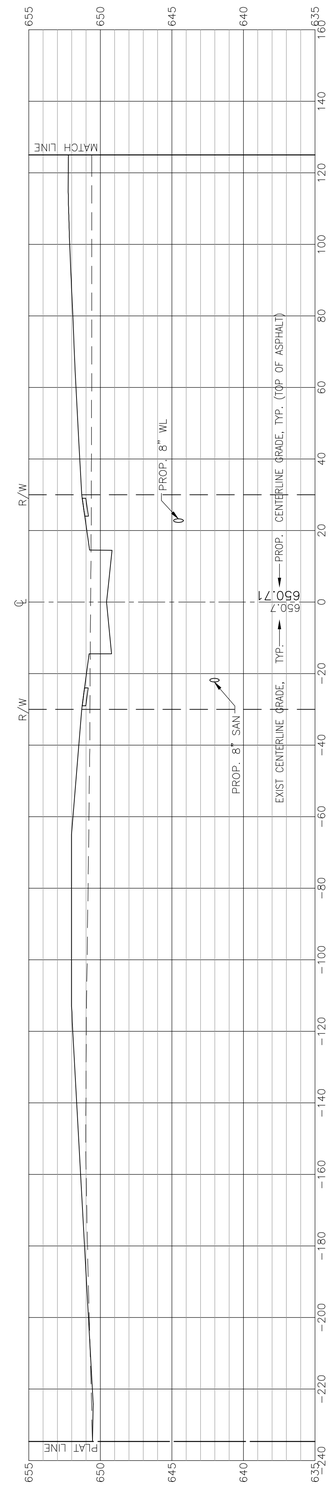
STA. 50+00



STA. 49+37.1



STA. 49+00



STA. 48+50

RECORD CONSTRUCTION 7/11/24

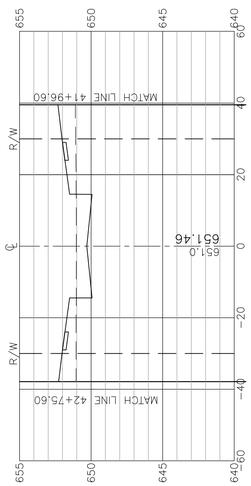
33
39

10E08554

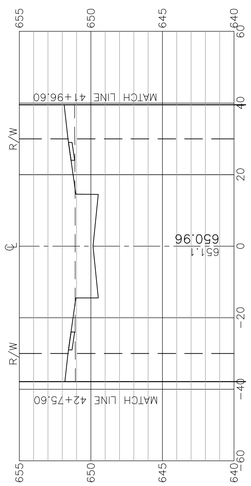
©2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

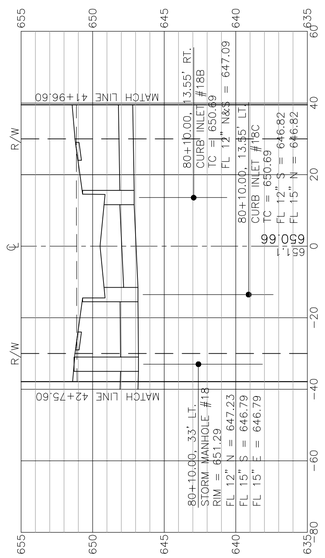
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6



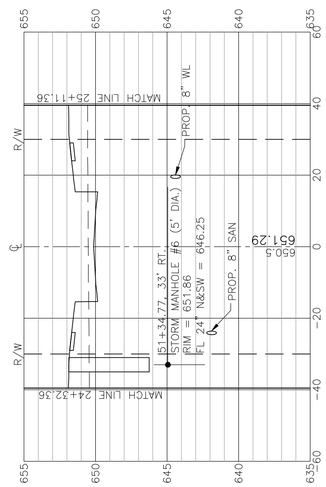
STA. 81+00



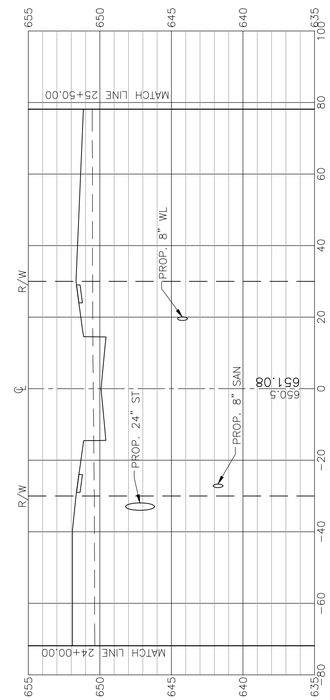
STA. 80+50



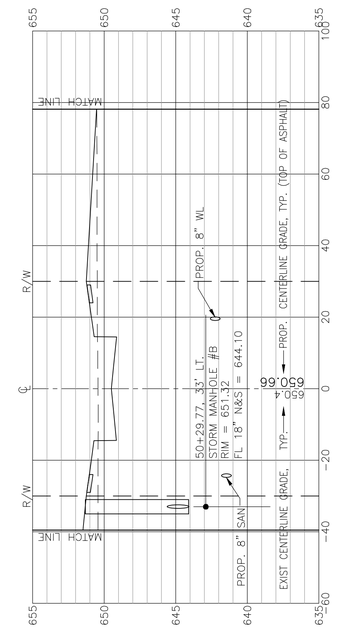
STA. 80+10



STA. 51+34.77



STA. 51+00



STA. 50+29.77

RECORD CONSTRUCTION 7/11/24

34
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

PAVEMENT AND DRAINAGE CROSS SECTIONS FOUNTAIN POINT CIRCLE & PARK LANE FOUNTAIN POINT VILLAS

LAWN INSTALLERS WILL BE REQUIRED TO CERTIFY THAT FERTILIZER APPLICATION RATES WILL NOT BE APPLIED IN EXCESS OF THE PHOSPHOROUS LOADING RATE NECESSARY TO ESTABLISH NEW LAWN AND LANDSCAPING.

NO SURFACE WATER SHALL BE ALLOWED TO RUN OFF THE SITE UNTIL FINAL GRADING IS COMPLETED. THE CONTRACTOR SHALL DIVERT ALL SURFACE WATER TO REMAIN ON SITE; AND MAINTAIN ALL TEMPORARY SEDIMENT AND EROSION CONTROL FEATURES.

NOTE:
THE HOME BUILDER SHALL INSTALL AND MAINTAIN A "GRAVEL CONSTRUCTION ENTRANCE" TO CONTROL THE TRACKING OF DEBRIS ONTO PUBLIC ROADS. IT SHALL CONSIST OF A MINIMUM OF 6" OF 2" TO 3" SIZE STONE, 20 FEET WIDE AND 40 FEET IN LENGTH.

CENTERLINE CURVE DATA

CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

BENCH MARK DATA

WOOD COUNTY BENCH MARK

MC0668 USGS SURVEY DISC IN CONCRETE MONUMENT SOUTHWEST CORNER OF THE INTERSECTION OF HULL PRAIRIE ROAD & FIVE POINT ROAD.

ELEVATION 650.10

SITE BENCH MARK #150

MAG NAIL SET IN SOUTH FACE OF POWER POLE NORTH SIDE OF FIVE POINT ROAD.
ELEVATION 652.04

SITE BENCH MARK #151

MAG NAIL SET IN SOUTH FACE OF POWER POLE SOUTH SIDE OF FIVE POINT ROAD.
ELEVATION 651.49

LEGEND

EXISTING GROUND ELEVATIONS +000.00
EXISTING CONTOURS . . . . . —000—
PROPOSED ELEVATIONS . . . . . (00.0)
PROPOSED GROUND ELEVATIONS AT HOUSE . . . (00.0)
PROPOSED = EXISTING. . . . . (00.0E)
PROPOSED TOP OF WALK ELEVATIONS. . . . . (00.0W)
PROPOSED RIM ELEVATIONS . . . . . (00.0R)
ADD 600.00 TO ALL PROPOSED SPOT ELEVATIONS.
ALL PAVEMENT GRADES ARE TOP OF CURB.

= IRON PIN (BY SURVEYOR)
= MONUMENT ASSEMBLY (ODOT RM-1.1) BY CONTRACTOR
= EXISTING MONUMENT ASSEMBLY
= MONUMENT ASSEMBLY (WOOD COUNTY, TYPE A) BY SURVEYOR
= CONCRETE WALK & RAMPS BY OTHERS.
= CONCRETE WALK BY CONTRACTOR

SOILS MAP
(PER USDA WEB SOIL SURVEY WEBSITE)
NTS
HoA = HOYTVILLE CLAY LOAM

NORTH
SCALE: 1" = 50'

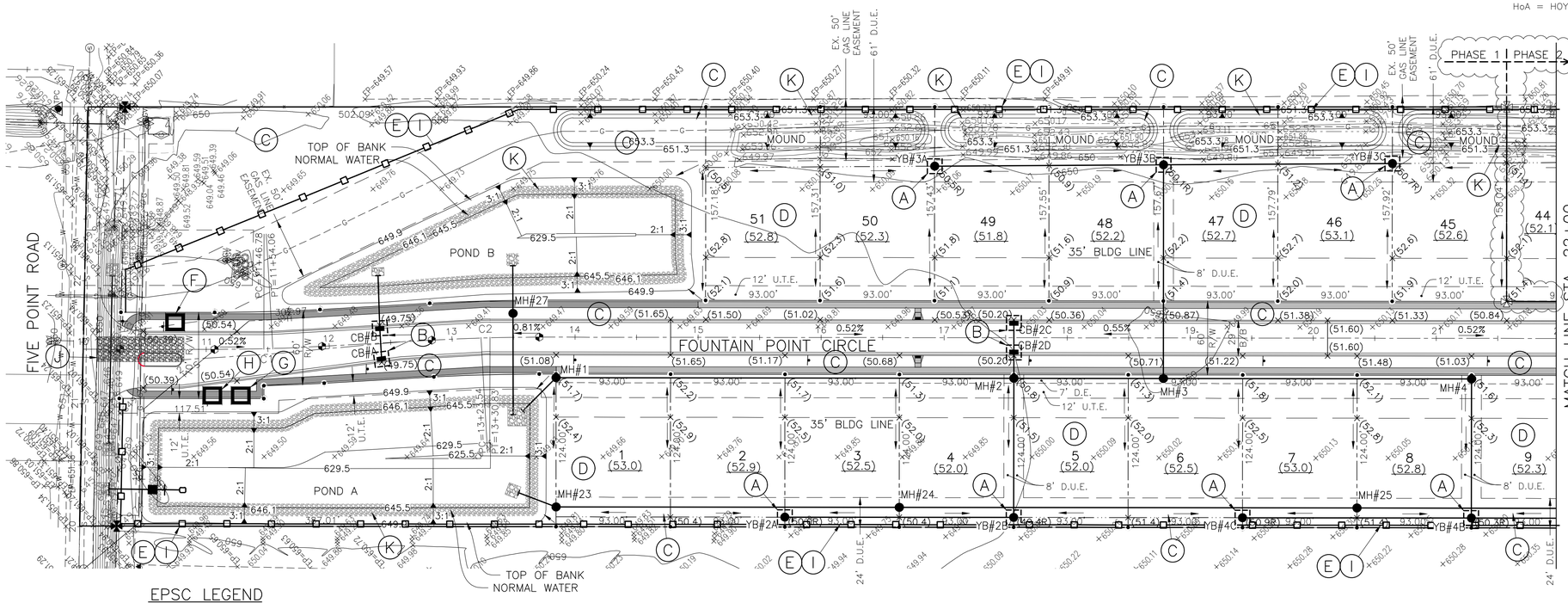
FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE		
1 STORM REV.	8.10.22	DESIGN BY:	ZTB
2 SIDEWALK REV.	9.12.22	DRAWN BY:	LTR
		DATE:	9-12-22
		CHK'D BY:	GNF
		DRAWING:	30-085540P00A1A6

0 25 50 100 150
GRAPHIC SCALE IN FEET

EASEMENT ABBREVIATIONS
D.E. . . . . DRAINAGE EASEMENT
D.U.E. . . . . DRAINAGE & UTILITY EASEMENT
P.M.D.E. . . . . POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. . . . . UTILITY & TOLEDO EDISON EASEMENT

SITE ZONING DATA
LOCATION: CITY OF PERRYSBURG
ZONING CLASSIFICATION: R-5
MINIMUM SETBACKS:
FRONT – 35'
SIDE – 6' MIN.
SUM OF SIDES – 16'
REAR – 30'



IMPLEMENTATION SCHEDULE

Phase I
SITE PREPARATION PHASE
- ESTIMATED START: SEPTEMBER 2022; ESTIMATED COMPLETION: OCTOBER 2022
- INSTALL CONSTRUCTION ENTRANCE
- INSTALL SEDIMENT CONTROL MEASURES
- INSTALL POND A, POND B, AND OUTLET STRUCTURE WITH SKIMMER.
- CLEAR AND GRUB SITE. SEDIMENT CONTROLS TO BE INSTALLED WITHIN 7 DAYS OF GRUBBING ACTIVITY
- STABILIZATION REQUIRED IF AREA WILL BE DORMANT FOR 14 DAYS OR LONGER
- THE STORMWATER CONTROLS WILL REMAIN FOR THE DURATION OF THE CONSTRUCTION

Phase II
SITE UTILITY AND STREET PHASE
- ESTIMATED START: OCTOBER 2022; ESTIMATED COMPLETION: JUNE 2023
- INSTALL UNDERGOUND UTILITIES
- INSTALL INLET CONTROLS
- INSTALL CONCRETE WASHOUT
- EXCAVATE AND BUILD ROADWAY FOR CONSTRUCTION PHASE 1
- INSTALL POND C AND LEVELING LINE TO POND A
- EXCAVATE AND BUILD ROADWAYS FOR CONSTRUCTION PHASE 2
- GRADE BACK OF CURB AND SWALES
- COMPLETE ROUGH GRADING
- INSTALL TEMPORARY SEEDING
- STABILIZATION WILL BE REQUIRED DURING AND AFTER THIS PHASE
- STORMWATER CONTROLS WILL REMAIN FOR DURATION OF THE CONSTRUCTION

Phase III
HOME BUILDING AND SITE FINISHES
- ESTIMATED START: JUNE 2023; ESTIMATED COMPLETION: NOVEMBER 2023
- HOME BUILDER TO APPLY FOR INDIVIDUAL LOT NOTICE OF INTENT (NOI)
- INSTALL INDIVIDUAL FAMILY LOT EROSION CONTROLS
- BUILD HOUSES
- COMPLETE FINAL GRADING
- INSTALL PERMANENT SEEDING
- HOME BUILDER SUBMIT INDIVIDUAL LOT NOTICE OF TERMINATION (NOT) AS LOTS ARE STABILIZED
- REMOVE SEDIMENT CONTROLS
- DEVELOPER TO SUBMIT ENTIRE SITE NOT
- STABILIZATION WILL BE REQUIRED DURING AND AFTER THIS PHASE

THE CONTRACTOR SHALL INSTALL AND MAINTAIN A "CONSTRUCTION ENTRANCE" WHERE PROPOSED ROAD MEETS EXISTING ROAD. IT SHALL CONSIST OF A MINIMUM OF 6" OF 2" TO 3" SIZE STONE, 20 FEET WIDE AND 70 FEET IN LENGTH. THE LUMP SUM PRICE BID FOR ITEM 207 "TEMPORARY CONSTRUCTION ENTRANCE" SHALL INCLUDE ALL COSTS FOR INSTALLATION AND REMOVAL AS REQUIRED.

EPSC LEGEND

INLET PROTECTION FILTER (OR APPROVED EQUAL) (A)
CURB INLET SEDIMENT FILTER (B)
PERMANENT SEEDING AND MULCHING (R/W & REAR YARDS) (C)
CONSTRUCTION SEEDING (D)
PERIMETER CONTROL (E)(I)
CONCRETE WASHOUT AREA (F)
MATERIALS STORAGE AREA (G)
SWP3 RECORD LOCATION (H)
CONSTRUCTION ENTRANCE (J)
EROSION CONTROL MAT (K)

EPSC NOTES:
1. SEE EROSION CONTROL NOTES AND DETAILS ON SHEETS 37 & 38.
2. SEE SHEET 3 FOR WATER QUALITY OUTLET STRUCTURE
3. SEE GRADING PLAN SHEETS 7 & 8 FOR REAR YARD SEEDING AND MULCHING.

SEEDING AND MULCHING

SEEDING AND MULCHING SHALL BE AS PER ODOT SPECIFICATION ITEM 659, USING SEEDING MIXTURE: 90% PERENNIAL RYEGRASS (LOLIUM PERRENNE) 10% ALSIKE CLOVER (TRIFOLIUM HYBRIDUM). SEEDING AND MULCHING SHALL INCLUDE ALL PROPOSED RIGHTS OF WAY, EASEMENTS, AND ALL DISTURBED AREAS WITHIN EXISTING CITY OF PERRYSBURG RIGHTS OF WAY.

1. CONSTRUCTION SEEDING AND MULCHING SHALL BE COMPLETED ON ALL DISTURBED AREAS AREAS WITHIN SEVEN (7) DAYS IF THESE AREAS ARE TO REMAIN UNDISTURBED FOR MORE THAN 14 DAYS.
2. PERMANENT OR CONSTRUCTION SEEDING AND MULCHING SHALL BE APPLIED TO DISTURBED AREAS AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE.
3. WHEN SEASONAL CONDITIONS PROHIBIT THE APPLICATION OF CONSTRUCTION OR PERMANENT SEEDING, NON-VEGETATIVE SOIL STABILIZATION PRACTICES SUCH AS MULCHING & MATTING SHALL BE USED.

NOTE:

A COMPLETE SWP3 PACKET SHOULD BE AVAILABLE ONSITE AT A MAILBOX OR JOB TRAILER AT ALL TIMES DURING WORKING HOURS. THE SWP3 PACKET SHALL INCLUDE:

- THE SWP3 PLANS
- A COPY OF THE NOI AND APPROVAL FROM THE EPA
- INSPECTION LOGS OF WEEKLY INSPECTIONS AND INSPECTIONS AFTER A 1/2" RAIN EVENT.
- SUB-CONTRACTOR SIGN-OFF LOGS, SHARING AWARENESS OF THE SWP3

_____ SHALL BE IN CHARGE OF ALL INSPECTIONS AND FELLER, FINCH & ASSOCIATES, INC. SHALL BE IN CHARGE OF REVISIONS DURING CONSTRUCTION.

OWNER CERTIFICATION:
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

RECORD CONSTRUCTION 7/11/24

NAME

35
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C3	32.38'	125.00'	14°50'32"	S 07°12'29" E	32.29'
C4	32.22'	125.00'	14°46'01"	S 07°14'45" E	32.13'
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'
C6	194.84'	125.00'	89°18'29"	S 44°26'27" E	175.71'
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

EPSC NOTES:

1. SEE EROSION CONTROL NOTES AND DETAILS ON SHEETS 36 & 37.
2. SEE SHEET 3 FOR WATER QUALITY OUTLET STRUCTURE
3. SEE GRADING PLAN SHEETS 7 & 8 FOR REAR YARD SEEDING AND MULCHING.

EPSC LEGEND

- INLET PROTECTION FILTER (OR APPROVED EQUAL) (A)
- CURB INLET SEDIMENT FILTER (B)
- PERMANENT SEEDING AND MULCHING (R/W & REAR YARDS) (C)
- CONSTRUCTION SEEDING (D)
- PERIMETER CONTROL (E) (I)
- CONCRETE WASHOUT AREA (F)
- MATERIALS STORAGE AREA (G)
- SWP3 RECORD LOCATION (H)
- CONSTRUCTION ENTRANCE (J)
- EROSION CONTROL MAT (K)

SITE ZONING DATA

LOCATION: CITY OF PERRYSBURG
ZONING CLASSIFICATION: R-5
MINIMUM SETBACKS:
FRONT – 35'
SIDE – 6' MIN.
SUM OF SIDES – 16'
REAR – 30'

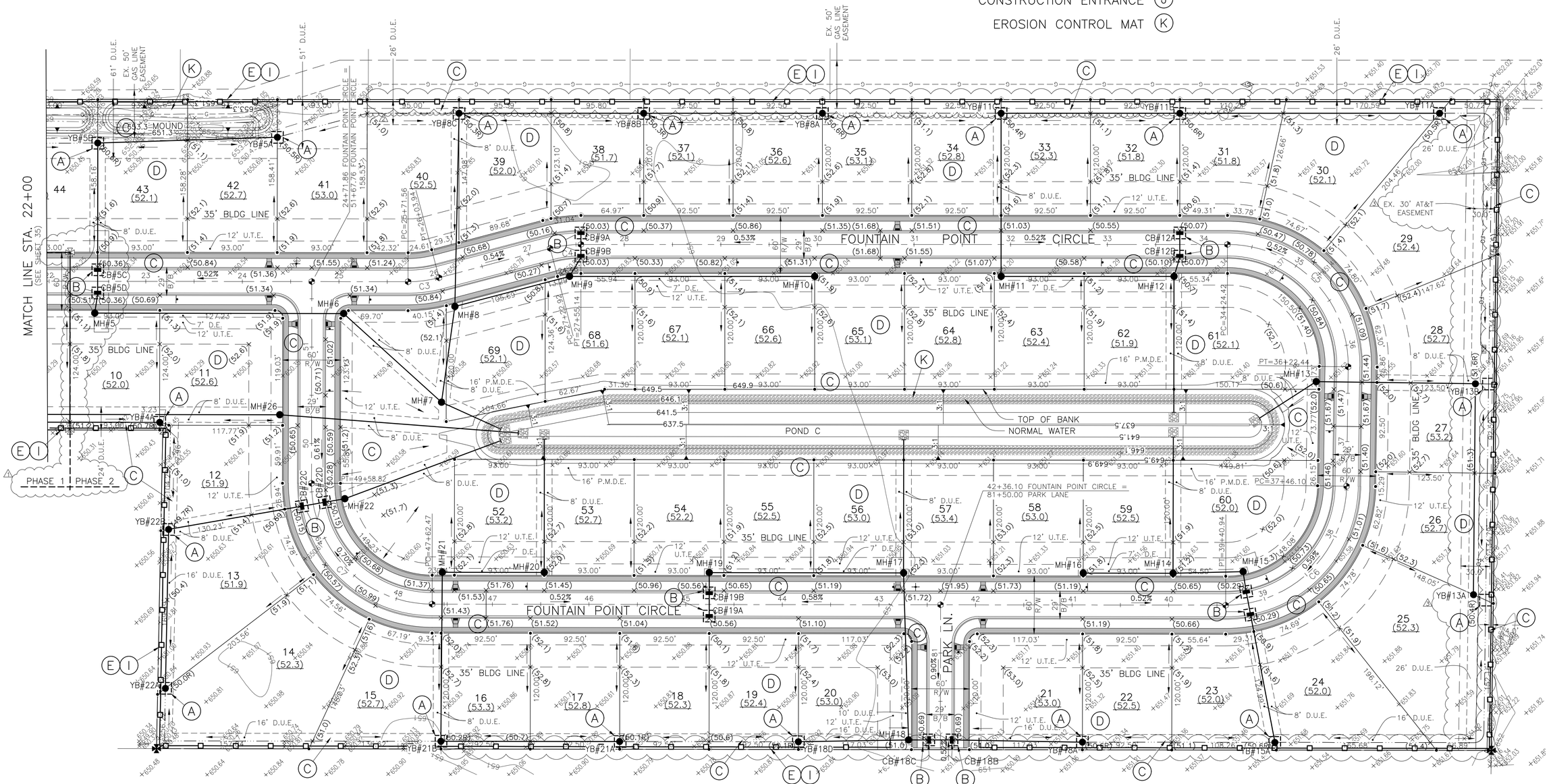
NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
1 STORM REV.	8.10.22	DRAWN BY:	LTR
2 SIDEWALK REV.	9.12.22	DATE:	9-12-22
3 STORM REV.	2.17.23	CHK'D BY:	GNF
		DRAWING:30-085540P00A1A6	

EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

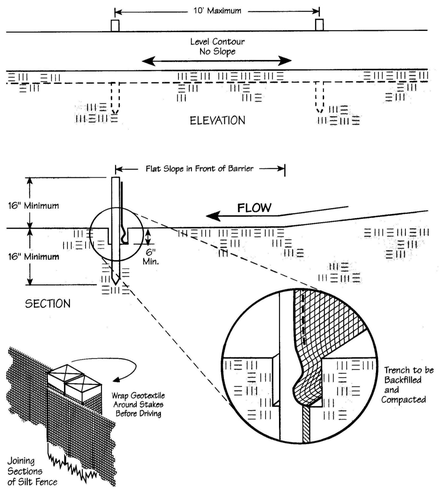


RECORD CONSTRUCTION 7/11/24

36
39

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.



Specifications
for
Silt Fence

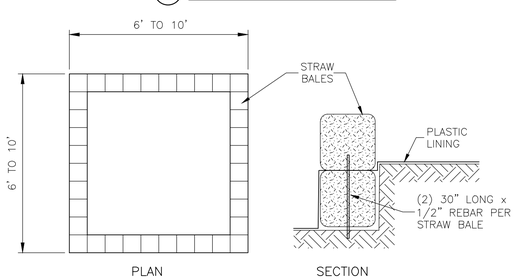
1. Silt fence shall be constructed before upslope land disturbance begins.
2. All silt fence shall be placed as close to the contour as possible so that water will not concentrate at low points in the fence and so that small swales or depressions which may carry small concentrated flows to the silt fence are dissipated along its length.
3. To prevent water ponded by the silt fence from flowing around the ends, each end shall be constructed upslope so that the ends are at a higher elevation.
4. Where possible, silt fence shall be placed on the flattest area available.
5. Where possible, vegetation shall be preserved for 5 ft. (or as much as possible) upslope from the silt fence. If vegetation is removed, it shall be reestablished within 7 days from the installation of the silt fence.
6. The height of the silt fence shall be a minimum of 16 in. above the original ground surface.
7. The silt fence shall be placed in a trench cut a minimum of 6 in. deep. The trench shall be cut with a trencher, cable laying machine, or other suitable device which will ensure an adequately uniform trench depth.
8. The silt fence shall be placed with the stakes on the downslope side of the geotextile and so that 8 in. of cloth are below the ground surface. Excess material shall lay on the bottom of the 6-in.-deep trench. The trench shall be backfilled and compacted.
9. Seams between section of silt fence shall be overlapped with the end stakes of each section wrapped together before driving into the ground.
10. Maintenance--Silt fence shall allow runoff to pass only as diffuse flow through the geotextile. If runoff overtops the silt fence, flows under or around the ends, or in any other way becomes a concentrated flow, one of the following shall be performed, as appropriate: 1) The layout of the silt fence shall be changed, 2) Accumulated sediment shall be removed, or 3) Other practices shall be installed.

Criteria for Silt Fence Materials

1. Fence Posts--The length shall be a minimum of 32 in. long. Wood posts will be 2-by-2-in. hardwood of sound quality. The maximum spacing between posts shall be 10 ft.
2. Silt Fence Fabric (see chart below):

Fabric Properties	Values	Test Method
Grab Tensile Strength	90 lb. minimum	ASTM D 1682
Mullen Burst Strength	190 psi minimum	ASTM D 3786
Slurry Flow Rate	0.3 gal./min./ft^2 maximum	
Equivalent Opening Size	40-80	US Std. Sieve CW-02215
Ultraviolet Radiation Stability	90% minimum	ASTM-G-26

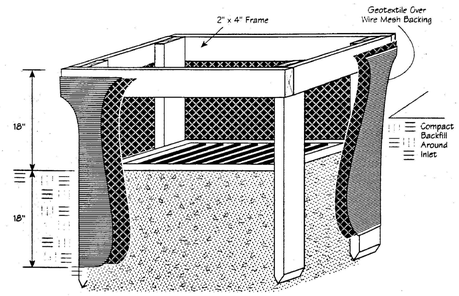
(E) FILTER FABRIC FENCE



NOTE:
CONTRACTOR CAN USE PORTABLE CONCRETE WASHOUT AREAS IN LIEU OF CONCRETE WASHOUT BASINS (RECOMMENDED).

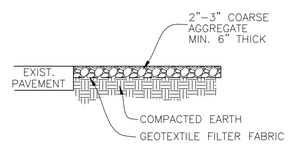
WASHOUT AREAS MUST HAVE SOME FORM OF PLASTIC LINING.

(F) CONCRETE WASHOUT AREA
NOT TO SCALE

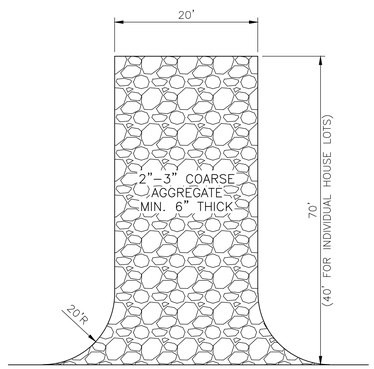


1. Inlet protection shall be constructed either before upslope land disturbance begins or before the storm drain becomes operational.
2. The earth around the inlet shall be excavated completely to a depth at least 18 in.
3. The wooden frame shall be constructed of 2-by-4-in. construction-grade lumber. The 2-by-4-in. posts shall be driven 1 ft. into the ground at four corners of the inlet and the top portion of 2-by-4-in. frame assembled using the overlap joint shown. The top of the frame shall be at least 6 in. below adjacent roads if ponded water would pose a safety hazard to traffic.
4. Wire mesh shall be of sufficient strength to support fabric with water fully impounded against it. It shall be stretched tightly around the frame and fastened securely to the frame.
5. Geotextile shall have an equivalent opening size of 20-40 sieve and be resistant to sunlight. It shall be stretched tightly around the frame and fastened securely. It shall extend from the top of the frame to 18 in. below the inlet notch elevation. The geotextile shall overlap across one side of the inlet so the ends of the cloth are not fastened to the same post.
6. Backfill shall be placed around the inlet in compacted 6-in. layers until the earth is even with notch elevation on ends and top elevation on sides.
7. A compacted earth dike or a check dam shall be constructed in the ditch line below the inlet if the inlet is not in a depression and if runoff bypassing the inlet will not flow to a settling pond. The top of earth dikes shall be at least 6 in. higher than the top of the frame.

(A) INLET PROTECTION FILTER (OR APPROVED EQUAL) IN SWALES, DITCH LINES OR YARD INLETS
N.T.S.



SECTION



IF MUD MAT BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE CLEANED AND REPLACED.

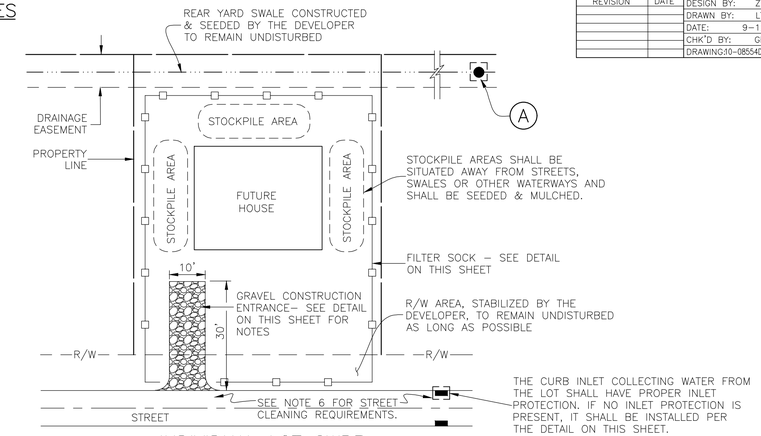
ALL EQUIPMENT LEAVING SITE MUST USE MUD MATT AND HAVE LOADS STABILIZED AND TIGHT WITH ALL LOOSE DEBRIS AND MATTER REMOVED PRIOR TO TRAVELING ON PUBLIC ROADWAYS.

ANY TRACK–OUT NOT CONTAINED BY THE MUD MAT MUST BE CLEANED UP BY THE CONTRACTOR IMMEDIATELY AFTER OCCURRENCE NO LATTER.

(J) CONSTRUCTION ENTRANCE "MUD MAT" DETAIL
NOT TO SCALE

SPECIFICATIONS FOR
SMALL LOT BUILDING SITES

1. Preexisting vegetation shall be retained on idle portions of the building lot for as long as construction operations allow. Clearing shall be done so only active working areas are bare.
2. Temporary seed (annual rye, oats, etc.) and/or mulch shall be applied to areas, such as stockpiles, that are bare and not actively being worked. This shall apply to areas that will not be reworked for 14 days or more.
3. Stockpiles excavated from basements shall be situated away from streets, swales, or other waterways and shall be seeded and/or mulched.
4. Silt fence shall control sheet flow runoff from the building lot. It shall not be constructed in channels or areas of concentrated flow. Other sediment controls such as inlet protection and sediment traps shall also be used as needed to control sediment runoff.
5. Construction vehicle access shall be limited to one route, to the greatest extent practical. The access shall be gravel or crushed rock applied to the driveway area.
6. Mud tracked onto the street or sediment settled around curb inlet protection shall be removed daily or as needed to prevent it from accumulating. It shall be removed by shovelling and scraping and shall NOT be washed off paved surfaces or into storm drains.

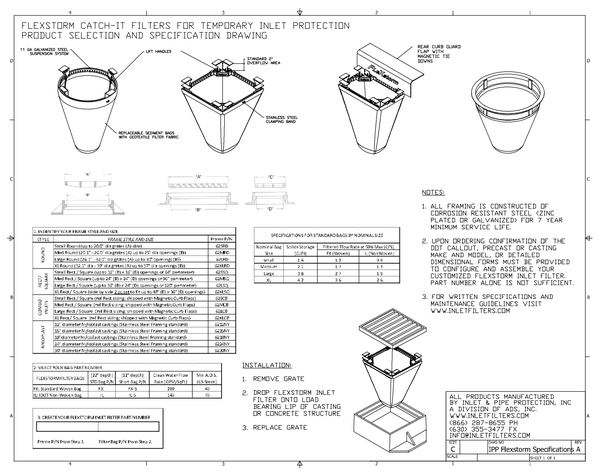


INDIVIDUAL LOT SWP3

HOME CONSTRUCTION IMPLEMENTATION SCHEDULE

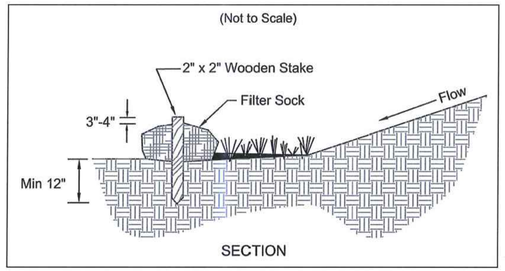
SITE STABILIZATION

1. PLACE TEMPORARY SEEDING ON ALL DISTURBED AREAS (DEVELOPER).
2. INSTALL PRACTICES ON ALL LOTS CURRENTLY BEING CONSTRUCTED. (SEE THIS SHEET) (INDIVIDUAL HOME BUILDERS)
3. FILE A NOTICE OF TERMINATION UPON FINAL STABILIZATION OF ALL CURRENTLY DISTURBED LAND. (DEVELOPER)
4. REVISE THIS EPSC PRIOR TO ANY FURTHER EARTH DISTURBING ACTIVITIES. (DEVELOPER)



(B) CURB INLET SEDIMENT FILTER

Specifications
for
Filter Sock



1. Materials – Compost used for filter socks shall be weed, pathogen and insect free and free of any refuse, contaminants or other materials toxic to plant growth. They shall be derived from a well-decomposed source of organic matter and consist of a particles ranging from 3/8" to 2".
2. Filter Socks shall be 3 or 5 mil continuous, tubular, HDPE 3/8" knitted mesh netting material, filled with compost passing the above specifications for compost products.

INSTALLATION:

3. Filter socks will be placed on a level line across slopes, generally parallel to the base of the slope or other affected area. On slopes approaching 2:1, additional socks shall be provided at the top and as needed mid-slope.
4. Filter socks intended to be left as a permanent filter or part of the natural landscape, shall be seeded at the time of installation for establishment of permanent vegetation.
5. Filter Socks are not to be used in concentrated flow situations or in runoff channels.

MAINTENANCE:

6. Routinely inspect filter socks after each significant rain, maintaining filter socks in a functional condition at all times.
7. Remove sediments collected at the base of the filter socks when they reach 1/3 of the exposed height of the practice.
8. Where the filter sock deteriorates or fails, it will be repaired or replaced with a more effective alternative.
9. Removal – Filter socks will be dispersed on site when no longer required in such as way as to facilitate and not obstruct seedings.

(I) FILTER SOCK

RECORD CONSTRUCTION 7/11/24

© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
		DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

(D) CONSTRUCTION SEEDING

Temporary Seeding Species Selection			
Seeding Dates	Species	Lb./1,000 ft.^{2}	Per Ac.
March 1 to August 15	Oats Tall Fescue Annual Ryegrass	3 1 1	4 bushel 40 lb. 40 lb.
	Perennial Ryegrass Tall Fescue Annual Ryegrass	1 1 1	40 lb. 40 lb. 40 lb.
August 16 to November 1	Rye Tall Fescue Annual Ryegrass	3 1 1	2 bushel 40 lb. 40 lb.
	Wheat Tall Fescue Annual Ryegrass	3 1 1	2 bushel 40 lb. 40 lb.
	Perennial Ryegrass Tall Fescue Annual Ryegrass	1 1 1	40 lb. 40 lb. 40 lb.
November 1 to Spring Seeding	Use mulch only, sodding practices or dormant seeding.		

Note: Other approved seed species may be substituted.

1. Structural erosion- and sediment-control practices such as diversions and sediment traps shall be installed and stabilized with temporary seeding prior to grading the rest of the construction-site.
2. Temporary seed shall be applied between construction operations on soil that will not be graded or reworked for 45 days or more. These idle areas should be seeded as soon as possible after grading or shall be seeded within 7 days. Several applications of temporary seeding are necessary on typical construction projects.
3. The seedbed should be pulverized and loose to ensure the success of establishing vegetation. However, temporary seeding shall not be postponed if ideal seedbed preparation is not possible.
4. Soil Amendments--Applications of temporary vegetation shall establish adequate stands of vegetation which may require the use of soil amendments. Soil tests should be taken on the site to predict the need for lime and fertilizer.
5. Seeding Method--Seed shall be applied uniformly with a cyclone seeder, drill, cultipacker seeder, or hydroseeder. When feasible, seed that has been broadcast shall be covered by raking or dragging and then lightly tamped into place using a roller or cultipacker. If hydroseeding is used, the seed and fertilizer will be mixed on-site and the seeding shall be done immediately and without interruption.

MULCHING TEMPORARY SEEDING

1. Applications of temporary seeding shall include mulch which shall be applied during or immediately after seeding. Seedings made during optimum seeding dates and with favorable soil conditions and on very flat areas may not need mulch to achieve adequate stabilization.
2. Materials:
   - Straw--If straw is used, it shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and spread two 45-lb. bales of straw in each section.
   - Hydroseeders--If wood cellulose fiber is used, it shall be used at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
   - Other--Other acceptable mulches include mulch mattings applied according to manufacturer's recommendations or wood chips applied at 6 tons/ac.
3. Straw mulch shall be anchored immediately to minimize loss by wind or water. Anchoring Methods:
   - Mechanical--A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but, generally, be left longer than 6 in.
   - Mulch Nettings--Nettings shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentration runoff and on critical slopes.
   - Asphalt Emulsion--Asphalt shall be applied as recommended by the manufacturer or at the rate of 160 gal./ac.
   - Synthetic Binders--Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petroset, Terra Tack or equal may be used at rates recommended by the manufacturer.
   - Wood-Cellulose Fiber--Wood-cellulose fiber binder shall be applied at a net dry weight of 750 lb./ac. The wood-cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal.

(C)(D) MULCHING

Specifications for Mulching

1. Mulch and/or other appropriate vegetative practices shall be applied to disturbed areas within 7 days of grading if the area is to remain dormant (undisturbed) for more than 14 days or on areas and portions of the site which can be brought to final grade.
2. Mulch shall consist of one of the following:
   - Straw--Straw shall be unrotted small grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The straw mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and place two 45-lb. bales of straw in each section.
   - Hydroseeders--Wood cellulose fiber should be used at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
   - Other--Other acceptable mulches include mulch mattings applied according to manufacturer's recommendations or wood chips applied at 10-20 tons/ac.
3. Mulch Anchoring--Mulch shall be anchored immediately to minimize loss by wind or runoff. The following are acceptable methods for anchoring mulch.
   - Mechanical--Use a disk, crimper, or similar type tool set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but be left generally longer than 6 in.
   - Mulch Nettings--Use according to the manufacturer's recommendations, following all placement and anchoring suggestions. Use in areas of water concentration and steep slopes to hold mulch in place.
   - Asphalt Emulsion--For straw mulch, apply at the rate of 160 gal./ac. (0.1 gal./sy) into the mulch as it is being applied or as recommended by the manufacture.
   - Synthetic Binders--For straw mulch, synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petroset, Terra Tack or equal may be used at rates recommended by the manufacturer.
   - Wood Cellulose Fiber--Wood cellulose fiber may be used for anchoring straw. The fiber binder shall be applied at a net dry weight of 750 lb./acre. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal. of wood cellulose fiber.

(C) PERMANENT SEEDING

SITE PREPARATION

1. A subsoiler, plow or other implement shall be used to reduce soil compaction and allow maximum infiltration. (Maximizing infiltration will help control both runoff rate and water quality.) Subsoiling should be done when the soil moisture is low enough to allow the soil to crack or fracture. Subsoiling shall not be done on slip-prone areas where soil preparation should be limited to what is necessary for establishing vegetation.
2. The site shall be graded as needed to permit the use of conventional equipment for seedbed preparation and seeding.
3. Resoil shall be applied where needed to establish vegetation.

SEEDBED PREPARATION

1. Lime--Agricultural ground limestone shall be applied to acid soil as recommended by a soil test. In lieu of a soil test, lime shall be applied at the rate of 100 lb./1,000 sq. ft. or 2 tons/ac.
2. Fertilizer--Fertilizer shall be applied as recommended by a soil test. In lieu of a soil test, fertilizer shall be applied at a rate of 12 lb./1,000 sq. ft. or 500 lb./ac. of 10-10-10 or 12-12-12 analysis.
3. The lime and fertilizer shall be worked into the soil with a disk harrow, spring-tooth harrow, or other suitable field implement to a depth of 3 in. On sloping land the soil shall be worked on the contour.

SEEDING DATES AND SOIL CONDITIONS

Seeding should be done March 1 to May 31 or Aug 1 to September 30. These seeding dates are ideal but, with the use of additional mulch and irrigation, seedings may be made any time throughout the growing season. Tillage/seedbed preparation should be done when the soil is dry enough to crumble and not form ribbons when compressed by hand. For winter seeding, see the following section on dormant seeding.

DORMANT SEEDINGS.

1. Seedings shall not be planted from October 1 through November 20. During this period the seeds are likely to germinate but probably will not be able to survive the winter.
2. The following methods may be used for "Dormant Seeding":
   - From October 1 through November 20, prepare the seedbed, add the required amounts of lime and fertilizer, then mulch and anchor. After November 20, and before March 15, broadcast the selected seed mixture. Increase the seeding rates by 50% for this type of seeding.
   - From November 20 through March 15, when soil conditions permit, prepare the seedbed, lime and fertilize, apply the selected seed mixture, mulch and anchor. Increase the seeding rates by 50% for this type of seeding.
   - Apply seed uniformly with a cyclone seeder, drill, cultipacker seeder, or hydro-seeder (slurry may include seed and fertilizer) on a firm, moist seedbed.
   - Where feasible, except when a cultipacker type seeder is used, the seedbed should be firmed following seeding operations with a cultipacker, roller, or light drag. On sloping land, seeding operations should be on the contour where feasible.

MULCHING

1. Mulch material shall be applied immediately after seeding. Seedings made during optimum seeding dates and with favorable soil conditions and on very flat areas may not need mulch to achieve adequate stabilization. Dormant seeding shall be mulched.
2. Materials
   - Straw--If straw is used it shall be unrotted small-grain straw applied at the rate of 2 tons/ac. or 90 lb./1,000 sq. ft. (two to three bales). The mulch shall be spread uniformly by hand or mechanically so the soil surface is covered. For uniform distribution of hand-spread mulch, divide area into approximately 1,000-sq.-ft. sections and spread two 45-lb. bales of straw in each section.
   - Hydroseeders--If wood cellulose fiber is used, it shall be used at 2,000 lb./ac. or 46 lb./1,000 sq. ft.
   - Other--Other acceptable mulches include mulch mattings applied according to manufacturer's recommendations or wood chips applied at 6 tons/ac.
3. Straw Mulch Anchoring Methods

   Straw mulch shall be anchored immediately to minimize loss by wind or water.
   - Mechanical--A disk, crimper, or similar type tool shall be set straight to punch or anchor the mulch material into the soil. Straw mechanically anchored shall not be finely chopped but, generally, be left longer than 6 in.
   - Mulch Nettings--Nettings shall be used according to the manufacturer's recommendations. Netting may be necessary to hold mulch in place in areas of concentrated runoff and on critical slopes.
   - Asphalt Emulsion--Asphalt shall be applied as recommended by the manufacturer or at the rate of 160 gal./ac.
   - Synthetic Binders--Synthetic binders such as Acrylic DLR (Agri-Tac), DCA-70, Petroset, Terra Tack or equal may be used at rates recommended by the manufacturer.
   - Wood Cellulose Fiber--Wood cellulose fiber binder shall be applied at a net dry weight of 750 lb./ac. The wood cellulose fiber shall be mixed with water and the mixture shall contain a maximum of 50 lb./100 gal. of wood cellulose fiber.

IRRIGATION

1. Permanent seeding shall include irrigation to establish vegetation during dry or hot weather or on adverse site conditions as needed for adequate moisture for seed germination and plant growth.
2. Excessive irrigation rates shall be avoided and irrigation monitored to prevent erosion and damage from runoff.

Permanent Seeding			
Seed Mix	Seeding Rate		Notes:
	lb./ac.	lb./1,000ft.^{2}	
General Use			
Creeping Red Fescue Domestic Ryegrass Kentucky Bluegrass	20-40 10-20 10-20	½-1 ¼-½ ¼-½	
Tall Fescue	40	1	
Dwarf Fescue	40	1	
Steep Banks or Cut Slopes			
Tall Fescue	40	1	
Crown Vetch Tall Fescue	10 20	¼ ½	Do not seed later than August.
Flat Pea Tall Fescue	20 20	½ ½	Do not seed later than August.
Road Ditches and Swales			
Tall Fescue	40	1	
Dwarf Fescue Kentucky Bluegrass	90 5	2¼	
Lawns			
Kentucky Bluegrass Perennial Ryegrass	60 60	1½ 1½	
Kentucky Bluegrass Creeping Red Fescue	60 60	1½ 1½	For shaded areas

Note: Other approved seed species may be substituted.

1. Permanent seeding shall not be considered established for at least 1 full yr. from the time of planting. Seeded areas shall be inspected for failure and vegetation reestablished as needed. Depending on-site conditions, it may be necessary to irrigate, fertilize, overseed, or reestablish plantings in order to provide permanent vegetation for adequate erosion control.
2. Maintenance fertilization rates shall be established by soil test recommendations or by using the rates shown in the following table.

Maintenance for Permanent Seedings Fertilization and Mowing					
Mixture	Formula	lb./ac.	lb./1,000 ft.^{2}	Time	Mowing
Creeping Red Fescue Ryegrass Kentucky Bluegrass	10-10-10	500	12	Fall, yearly or as needed.	Not closer than 3"
Tall Fescue	10-10-10	500	12		Not closer than 4"
Dwarf Fescue	10-10-10	500	12		Not closer than 2"
Crown Vetch Fescue	0-20-20	400	10	Spring, yearly following establishment and every 4-7 yr. thereafter	Do not mow
Flat Pea Fescue	0-20-20	400	10		Do not mow

Note: Following soil test recommendations is preferred to fertilizer rates shown above.

NOTES:
IF SEASONAL CONDITIONS PROHIBIT THE ESTABLISHMENT OF VEGETATIVE COVER, OTHER METHODS OF STABILIZATION SUCH AS MULCHING WITH A TACKIFIER OR MATTING, MUST BE EMPLOYED AND MAINTAINED UNTIL A MORE PERMANENT METHOD CAN BE IMPLEMENTED.

STORMWATER CONTROLS (INLET PROTECTION, PERIMETER CONTROLS, SKIMMER, ECT.) STAY IN PLACE THROUGHOUT THE HOME BUILDING PHASE.

Table 1: Permanent Stabilization

Area requiring permanent stabilization	Time frame to apply erosion controls
Any areas that will lie dormant for one year or more	Within seven days of the most recent disturbance
Any areas within 50 feet of a surface water of the state and at final grade	Within two days of reaching final grade
Any other areas at final grade	Within seven days of reaching final grade within that area

Table 2: Temporary Stabilization

Area requiring temporary stabilization	Time frame to apply erosion controls
Any disturbed areas within 50 feet of a surface water of the state and not at final grade	Within two days of the most recent disturbance if the area will remain idle for more than 14 days
For all construction activities, any disturbed areas that will be dormant for more than 14 days but less than one year, and not within 50 feet of a surface water of the state	Within seven days of the most recent disturbance within the area For residential subdivisions, disturbed areas must be stabilized at least seven days prior to transfer of permit coverage for the individual lot(s).
Disturbed areas that will be idle over winter	Prior to the onset of winter weather

Where vegetative stabilization techniques may cause structural instability or are otherwise unobtainable, alternative stabilization techniques must be employed. Permanent and temporary stabilization are defined in Part VII.

INSPECTION

Procedures in this SWP3 shall provide that all controls on the site are inspected at least once every seven calendar days and within 24 hours after any storm event greater than one-half inch of rain per 24 hour period. The inspection frequency may be reduced to at least once every month if the entire site is temporarily stabilized or runoff is unlikely due to weather conditions (e.g., site is covered with snow, ice, or the ground is frozen). A waiver of inspection requirements is available until one month before thawing conditions are expected to result in a discharge if all of the following conditions are met: the project is located in an area where frozen conditions are anticipated to continue for extended periods of time (i.e., more than one month); land disturbance activities have been suspended; and the beginning and ending dates of the waiver period are documented in the SWP3. The permittee shall assign qualified inspection personnel (those with knowledge and experience in the installation and maintenance of sediment and erosion controls) to conduct these inspections to ensure that the control practices are functional and to evaluate whether the SWP3 is adequate and properly implemented in accordance with the schedule proposed in Part III. G.1.g of this permit or whether additional control measures are required. Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the SWP3 shall be observed to ensure that those are operating correctly. Discharge locations shall be inspected to ascertain whether erosion and sediment control measures are effective in preventing significant impacts to the receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off-site vehicle tracking.

The permittee shall maintain for three years following the submittal of a notice of termination form, a record summarizing the results of the inspections, names(s) and qualifications of personnel making the inspection, the date(s) of the inspection, signature of the inspector, major observations relating to the implementation of the SWP3 and a certification as to whether the facility is in compliance with the SWP3 and the permit and identify any incidents of non-compliance. The record and certification shall be signed in accordance with Part V.G. of the permit.

a. When practices require repair or maintenance. If the inspection reveals that a control practice is in need of repair or maintenance, with the exception of a sediment settling pond, it must be repaired or maintained within three days of the inspection. Sediment settling ponds must be repaired or maintained within 10 days of the inspection.

b. When practices fail to provide their intended function. If the inspection reveals that a control practice fails to perform its intended function and that another, more appropriate control practice is required, the SWP3 must be amended and the new control practice must be installed within 10 days of the inspection.

c. When practices depicted on the SPW3 are not installed. If the inspection reveals that a control practice has not been implemented in accordance with the schedule contained in Part III.G.1.g of this permit, the control practice must be implemented within 10 days from the date of the inspection. If the inspection reveals that the planned control practice is not needed, the record must contain a statement of explanation as to why the control practice is not needed.

MAINTENANCE

All temporary and permanent control practice shall be maintained and repaired as needed to ensure continued performance of their intended function. All sediment control practices must be maintained in a functional condition until all up slope areas they control are permanently stabilized. The SWP3 shall be designed to minimize maintenance requirements. The applicant shall provide a description of maintenance procedures needed to ensure the continued performance of control practices.

NON-SEDIMENT POLLUTANTS

No discharge of pollutants associated with dedicated asphalt and concrete plants are permitted on site. This includes, but is not limited to, the discharge of concrete or vehicle wash water.

No solid (other than sediment) or liquid waste, including building materials, shall be discharged in storm water runoff. All wastes must be disposed of in a proper manner in accordance with local, state & federal regulations.

It is prohibited to burn, bury or pour onto the ground or into a storm water conveyance system any solvent, paints, stains, gasoline, diesel fuel, hydraulic fluid, used motor oil, anti-freeze, cement curing compounds and other such solids or hazardous wastes. Any rinse waters containing such materials are prohibited from being placed where they may enter drainageways.

Fueling and equipment maintenance shall be performed in diked areas away from drainage channels.

All contaminated soils must be treated and/or disposed of in Ohio EPA approved solid waste management facilities. If hazardous substances such as oil, diesel fuel, anti-freeze, etc. are leaked onto the soil, the soil should be dug up and disposed of at the local licensed landfill. Spills of 25 gallons or more shall be reported to the OEPA, the local fire department and the local emergency planning committee.

Open burning of waste materials will not be permitted.

All materials stored on site shall be limited to areas which are protected to minimize the exposure of such materials to storm water.

RECORD CONSTRUCTION 7/11/24

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

EPSC NOTES AND DETAILS FOUNTAIN POINT VILLAS

NORTH
SCALE: 1" = 100'

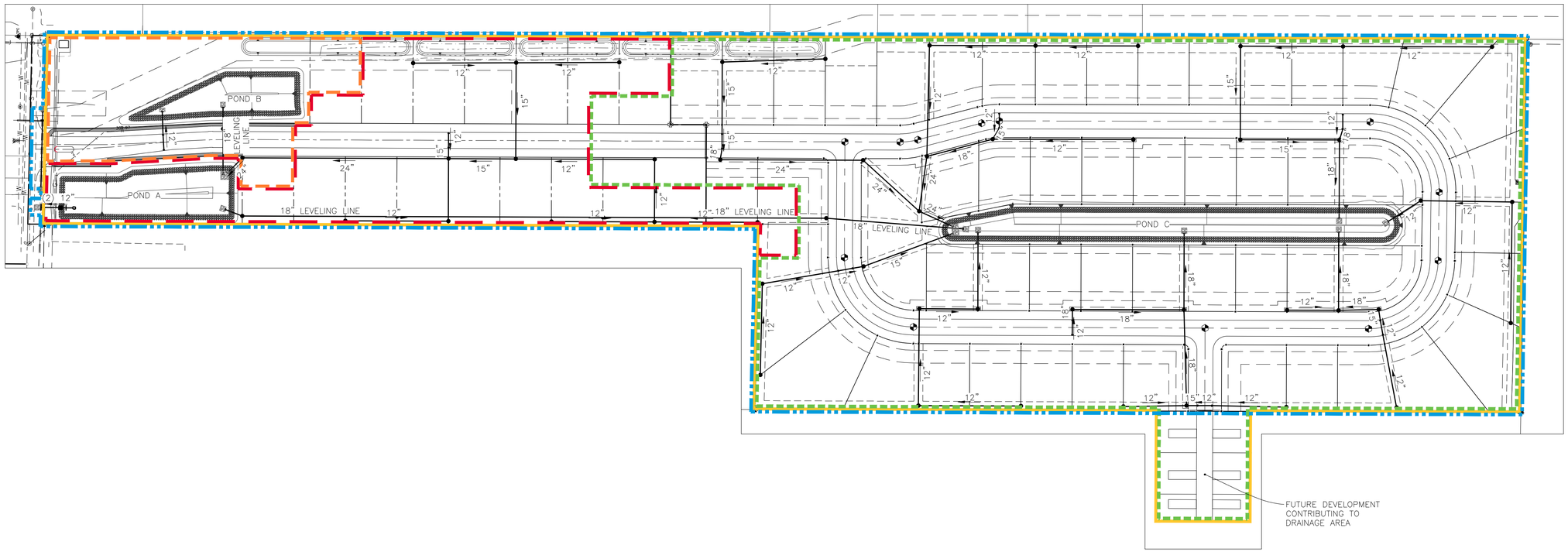
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 9-12-22
		CHK'D BY: GNF
		DRAWING:10-085540P00A1A6

SUMMARY INFORMATION FOR STORM WATER QUALITY

			SEDIMENT BASIN (DURING CONSTRUCTION)				PERMANENT STORMWATER FACILITY (POST CONSTRUCTION)			
CONTRIBUTING DRAINAGE AREA (AC.)		CONTRIBUTING DISTURBED AREA (AC.)		DEWATERING VOLUME (CU. FT.)	SEDIMENT STORAGE VOLUME (CU. FT.)	SKIMMER ORIFICE SIZE (INCHES)		WATER QUALITY VOLUME-WQv (CU. FT.)	DETENTION TIME (HOURS)	WQv ORIFICE SIZE (SQ. IN.)
			REQUIRED	57,978	32,010		REQUIRED	53,306		
ENTIRE SITE	32.21	31.43	PROVIDED	67,301	485,563	3.5	PROVIDED	58,555	34.77	47.71

ENTIRE DRAINAGE AREA = 32.21 Ac.
DRAINAGE AREA TO POND A = 5.99 Ac.
DRAINAGE AREA TO POND B = 2.71 Ac.
DRAINAGE AREA TO POND C = 23.51 Ac.
ENTIRE DISTURBED AREA = 31.43 Ac.

SEE EROSION CONTROL NOTES AND DETAILS ON SHEETS 37 & 38.



RECORD CONSTRUCTION 7/11/24

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

EPSC DRAINAGE & DISTURBED AREA MAP FOUNTAIN POINT VILLAS

SANITARY SEWER IMPROVEMENTS

FOR

Fountain Point Villas

CITY OF PERRYSBURG, WOOD COUNTY, OHIO

INDEX OF SHEETS

TITLE SHEET 1
GENERAL NOTES & DETAILS 2–5
PLAN AND PROFILE 6–9
MAINTENANCE OF TRAFFIC 10

BENCH MARK DATA

WOOD COUNTY BENCH MARK

MC0668 USGS SURVEY DISC IN CONCRETE MONUMENT SOUTHWEST CORNER OF THE INTERSECTION OF HULL PRAIRIE ROAD & FIVE POINT ROAD.
ELEVATION 650.10

SITE BENCH MARK #150

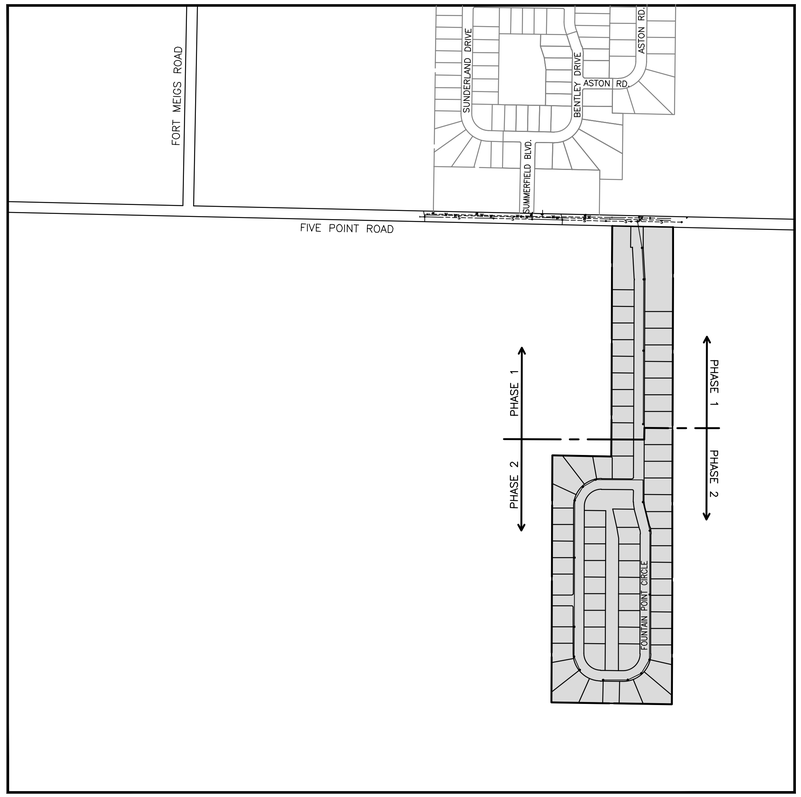
MAG NAIL SET IN SOUTH FACE OF POWER POLE NORTH SIDE OF FIVE POINT ROAD.
ELEVATION 652.04

SITE BENCH MARK #151

MAG NAIL SET IN SOUTH FACE OF POWER POLE SOUTH SIDE OF FIVE POINT ROAD.
ELEVATION 651.49

CONVENTIONAL SIGNS

	PROPOSED	EXISTING
SANITARY SEWER		—S—
STORM SEWER	—ST—	—ST—
WATERLINE	—W—	—W—
SANITARY MANHOLE	●	Ⓢ
STORM MANHOLE	●	ST
CATCH BASIN	■	CB
YARD BASIN	●	CB
WATER VALVE IN MANHOLE	●	Ⓦ
HYDRANT	●	
CENTERLINE		— —
TYPE B MONUMENT		



LOCATION MAP
SCALE: 1" = 400'

NORTH

OHIO UTILITIES PROTECTION SERVICE

CALL 1–800–362–2764 TWO WORKING DAYS BEFORE YOU DIG

NON–MEMBERS MUST BE CALLED DIRECTLY

SANITARY SEWER SUMMARY

ITEM	QTY	UNIT	DESCRIPTION
603	667	FT.	6" CONDUIT, TYPE B
603	~~194~~ 176	FT.	8" CONDUIT, TYPE B
603	1517	FT.	6" CONDUIT, TYPE C
603	~~3967~~ 4034	FT.	8" CONDUIT, TYPE C
604	~~122.4~~120.4	VERT. FT.	6" RISER
~~604~~	~~49.41~~	~~VERT. FT.~~	~~6" DROP CONNECTION~~
604	~~8.63~~ 6.61	VERT. FT.	8" DROP CONNECTION
604	~~104.13~~206.52	VERT. FT.	SANITARY MANHOLE INCLUDING CASTING ~~(11)~~ (21)
604	~~113.05~~ 23.63	VERT. FT.	SANITARY DROP MANHOLE INCLUDING CASTING ~~(9)~~ (1)
			NON–BID ITEMS
	3	EACH	6" ON 6" WYE
	15	EACH	6" ON 8" WYE
	26	EACH	6" ON 6" DBL. WYE
	94	EACH	6" PLUG

APPROVALS:

Alice Godsey 5/24/2022
CITY OF PERRYSBURG DATE
DIRECTOR OF PUBLIC UTILITIES
ALICE GODSEY, P.E.

DEVELOPED BY:

FIVE POINT PARTNERS LLC.
5135 SOUTH MAIN STREET
SYLVAINA, OHIO 43560

David Schmitt 7/26/2022
NAME DATE

RECORD CONSTRUCTION 8/06/24

Feller Finch & ASSOCIATES, INC.
Engineers - Surveyors
1683 Woodlands Drive, Maumee, Ohio 43537
Phone: (419) 893-3680
Fax: (419) 893-2982
www.fellerfinch.com

REVISION	DATE
RECORD DRAWINGS	11.21.23
REVISED SANITARY CONNECTION	9.23.22
UPDATED SANITARY TAPS	8.31.22
UPDATED SANITARY CONNECTION	8.30.22
SANITARY REVISION	8.10.22

TITLE: SANITARY SEWER

PROJECT: FOUNTAIN POINT VILLAS

STATE OF OHIO GREGORY N. FELLER 69055 REGISTERED PROFESSIONAL ENGINEER

SIGNED 5/20/22
DATE

DESIGNED BY: ZTB
DRAWN BY: LTR
CHECKED BY: ZTB
REVIEWED BY: GNF

DATE: 8–1–22
PROJECT: 10E08554

1 / 10

© 2022 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1A6

PART 1 GENERAL

1.1 SUMMARY

A. Sanitary sewers, 48 inches in diameter and smaller.

B. Pavement for local roads.

C. Audio–DVD/CD taping of existing and new storm sewer interiors.

1.2 STANDARDS

A. All materials and construction shall be in accordance with the Standards and Specifications of the City of Perrysburg (the City) Department of Public Service/Utilities, and/or the American Society for Testing and Materials (ASTM), and/or the Wood County Engineer, and/or the Ohio Department of Transportation (ODOT) Construction and Material Specifications (CMS). In case of conflict, City Standards and Specifications shall take precedence.

B. All references to Standards and Specifications are to the latest edition, unless otherwise noted.

C. The City's Pavement and Sanitary Sewer Standard Details apply to these specifications.

1.3 PRE-CONSTRUCTION MEETINGS, INSPECTION, AND PERMITS

A. The Department of Public Utilities (419-872-8050), shall be notified seven calendar days prior to the beginning of actual construction.

B. Any work within the City's public rights-of-way requires a Street Opening Permit which is obtained from the City's Department of Public Utilities Office, at 211 East Boundary Street, 419-872-8050.

C. All sanitary sewer installation and testing shall be inspected by the City or its representative.

D. The City or its representative shall be present during all sanitary sewer TV inspection and taping.

1.4 DEFINITIONS

A. Bedding: Material placed under, beside and directly over the pipe for the full width of the trench, from a depth of 4 inches below the outside bottom of the pipe barrel, when the pipe is laid on its final grade, up to a horizontal plane a distance of 12 inches above the top of the pipe barrel.

1.5 REGULATORY REQUIREMENTS

A. Construction operations shall comply with the City's Noise and Vibration Control Ordinance, Section 634.11, as follows:
1. No person shall use any pile driver, shovel, hammer derrick, hoist tractor, roller or other mechanical apparatus operated by fuel or electric power in building or construction operations between 10:00 p.m. and 6:00 a.m. of the next day in a residential area or within 500 feet of a school or church, except for temporary conditions approved by the Director of Public Service.
2. No person shall perform any construction or repair work on any structure or building, or perform any excavation or road work, when such work entails the use of any power operated construction type device in such a manner that the noise created thereby substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment.
3. Whoever violates any of the provisions of this section is guilty of a minor misdemeanor for a first offense and a misdemeanor of the fourth degree for any subsequent offense. Punishment shall be as provided in Ordinance Section 698.02.

B. In accordance with Codified 1040.07, Rule 24 of the City's Streets, Utilities, and Public Services Code, "The sewer contractor shall be required, for two years after the completion of the work, to make all necessary repairs, including filling and seeding if settlement occurs." The sewer contractor is the Contractor responsible for the performance of the Work.

1.6 QUALITY ASSURANCE

A. Pipe Sewers, Manholes and Appurtenances:
1. The manufacturer shall furnish an affidavit indicating that all pipe, fittings, manholes, and appurtenances have been manufactured and tested in accordance with the requirements of the applicable referenced Standards. A copy of the affidavit, indicating the project on which the material is to be used, shall be forwarded to the City prior to construction.
2. All pipes, fittings, manholes, and appurtenances shall be appropriately marked for identification purposes. The materials and methods of manufacture, and completed pipes, fittings, manholes, and appurtenances shall be subject to inspection and rejection at all times. The City has the right to make all inspections.

B. Pipe Sewer Inspection:
1. Contractor shall have a minimum of 5 years experience in inspection of pipeline sewers in addition to TV-DVD/CD and summary reports.
2. Perform Work in accordance with the latest standards for TV-DVD/CD recording procedures.
3. Operation of equipment shall be controlled from above ground.
4. The City shall have access to view monitor at all times.
5. Inspection shall include pipe sewers from manhole to manhole.
6. New sewers and existing sewers shall have its own separate DVD/CD and separate documentation.
7. Label new and/or existing accordingly for all documentation.

1.7 RESTORATION

A. All existing features that are disturbed due to construction activities, such as mailboxes, shrubs, bushes, guardrails, pavement markings, swales, sewers, catch basins, curbs, seeded areas, etc. shall be replaced to their original condition, unless otherwise specified, in accordance with current ODOT specifications and to the satisfaction of the City. Existing survey monuments, bench marks, property corner points, and control points damaged or disturbed by construction shall be replaced by a registered land surveyor, licensed in the State of Ohio.

B. Restoration of street openings shall be in accordance with the City's Standard Street Opening Repair Details.

C. In existing streets, provide a temporary pavement upon completion of backfilling operations and maintain same until the permanent pavement can be placed. Temporary pavement shall be a minimum 2-inch thick asphalt concrete mix in accordance with ODOT Item 614.13.

D. Regrade and reshape all road shoulders and all ditches and swales from existing high points to existing drainage structures or other outlets along the proposed improvement. Ditches, which are reshaped, shall have reasonable side slopes. Vertical or steep slopes will not be permitted.

E. Seed all disturbed earth areas using the hydroseed method or placement of sod, both seed mixture and sod type shall be as approved by the City.

1.8 DESIGN REQUIREMENTS

A. Sewers shall be of PVC plastic pipe and fittings.

B. The following are the minimum permissible slopes at which sanitary sewers shall be installed:

Pipe Diameter	Minimum Slope in Feet per 100 feet
6 inch	1.00
8 inch	0.40
10 inch	0.28
12 inch	0.22
15 inch	0.15
18 inch	0.12
21 inch	0.10
24 inch	0.08

PAVEMENT AND SANITARY SEWER SPECIFICATIONS

Pipe Diameter	Minimum Slope in Feet per 100 feet
27 inch	0.067
30 inch	0.058
33 inch	0.052
36 inch	0.046
42 inch	0.037
48 inch	0.031

C. Roof drains, foundation drains, and all other clean water connections to the sanitary sewers are prohibited.

D. Manholes shall not be designed or constructed to be located within the landscaped islands of cul-de-sacs.

1.9 SEWER INSPECTION SYSTEM REQUIREMENTS

A. Camera
1. Capable of operation in 100 percent humidity conditions.
2. Specifically designed and constructed for intended service.
3. Resolution: 500 lines per inch; color image.
4. Provided with built-in lighting system.
5. Provide remote operation of lighting system and camera.
6. Provide with pan and tilt, rotating head capabilities.
7. Footage Meter: provide equipment with a footage meter so that the location of the camera and point of observation is known at all times.

B. Monitor:
1. Locate inside mobile TV studio large enough to accommodate a minimum of four people to view the monitor at all times.
2. Capable of providing a color picture.

C. DVD/CD Recorder:
1. Compatible with closed circuit TV to allow direct recording during inspection.

PART 2 PRODUCTS

2.1 PIPE MATERIAL

A. PVC Plastic Pipe and Fittings:
1. ASTM D3034 (4" thru 15" pipe sewer).
2. ASTM F679 (18" thru 27" pipe sewer).
3. ASTM F 794 and ASTM F 1803 (30" thru 48" pipe sewer), as applicable and approved by the City, for the sizes involved, minimum pipe stiffness of 46 psi at 5 percent deflection when tested in accordance with ASTM D2412; ASTM D3212 elastomeric gasket joint (integral bell), push-on type with bell designed to retain the gasket to prevent pull-out during making of the joint.
4. An exception shall be made for ASTM D3034 PVC plastic fittings 8 inches in size and smaller, with such fittings to have a minimum wall thickness of SDR 35 as defined in Section 7.4.1, and elastomeric joints and minimum socket depths in accordance with Sections 6.2 and 7.3.2; to be molded in one piece using ASTM D1784 having a cell classification of 12454-B or C, or 12364 A; ASTM F477 gaskets having a minimum cross sectional area of 0.20 sq. in.

2.2 MANHOLES

A. Materials
1. Precast Concrete Sections: ASTM C478.
2. Cast-In-Place Concrete: ODOT Class C Concrete.
3. Concrete Fill: ODOT Class F concrete.
4. Resilient Connectors: ASTM C923; A-Lok by A-Lok Corporation, Kor-N-Seal by National Pollution Control Systems, Inc. or as approved.
5. Rubber Gasket Joints: ASTM C443.
6. Flexible Plastic Gasket Material: Federal Specifications SS-S-210A and AASHTO M-198B; Hamilton-Kent Manufacturing Company, Concrete Sealants, Inc., or as approved.
7. Manhole Steps: ASTM C478.
8. Castings: ASTM A48, Class 30B heavy duty gray iron.
9. Mortar: ASTM C270, Type S with no masonry cement; compose using two parts Portland cement to two parts sand by volume.
10. Stone Fill: Standard size number 67 or number 57 stone or as otherwise approved.
11. Sewer Pipe and Fittings for Drop Connections and Pipe Sewer Plugs: Same type as pipe sewer; plugs to be specifically designed for use with the pipe, and shall be watertight, for permanent or temporary use, and removable without damaging the pipe; stainless steel anchor straps for inside drop connections with stainless steel anchors.
12. Grout: Non-shrink and non-corrosive; Five Star Grout, by Five Star Products, Sealtight 588 Grout by W.R. Meadows, Inc., or as approved.
13. Joint Sealant: Madewell 806 Flexible Joint Sealant, Mastic.

B. Components:
1. Bases: Base riser section with integral floor; provide resilient connectors for connecting pipes to manholes; provide transition sections when base is greater than 48 inch diameter.
2. Walls: Vertical precast concrete riser sections with rubber gasket joints; provide flexible plastic gasket material on the outside shoulder of the joints; external joint sealing bands on all joints; flexible plastic gasket material shall not interfere with proper sealing of the rubber gaskets.
3. Tops: Eccentric cone top section narrowing down to a minimum 3 inch high vertical neck with an inside diameter of not less than 24 inches and outside diameter not less than that of grade rings, except reinforced flat slab top for manholes too shallow to accommodate a cone section; design flat slab tops to withstand H-20 traffic loading and submit design calculations to the City upon request; provide grade rings for a minimum height of 4 inches and a maximum height of 12 inches as required to set castings at proper elevation; ring inside diameter equal to the top section access opening, and outside diameter not less than the outside diameter of the casting frame.
4. Manhole Steps: Aluminum or reinforced polypropylene.
5. Manhole Frame and Cover:
   a. Minimum Total weight of 375 pounds, machined bearing surfaces, frame with four equally spaced anchor bolts in the base flange; 24 inch diameter clear opening and 7 inch height, cover with words "CITY OF PERRYSBURG, OHIO SANITARY" cast into top, and the following types:
      1) Gasketed Coves: East Jordan Iron Works Cat. No. 1040A with Type A Heavy Duty solid cover, or as approved, with the cover having a factory-installed gasket and no open pickholes.
      2) Gasketed Frame: East Jordan Iron Works Cat. No. 1045Z or as approved.
6. Drop Connections:
   a. 12 inches Diameter and Smaller Inlet Pipe: Reliner Inside Drop System as manufactured by Reliner/Duran, Inc. of Lyme, CT. Consists of a marine grade fiberglass drop bowl, "A" size for up to 8-inch inlet pipe and "B" size for 10 and 12-inch inlet pipe; minimum of two 1-1/2 inch wide 11 gage Type 304 stainless steel adjustable clamping brackets; manufacturers stainless steel fasteners as required for bowl size and length of drop pipe. Provide an ASTM D3034 PVC SDR 35 drop pipe sized for drop bowl with 45 degree elbow at outlet end and flexible coupling to connect pipe to bowl outlet.
   b. Larger Than 12 Inches Diameter Inlet Pipe: Consists of a tee at the upper end, a vertical section of pipe, and a 90 degree bend at the lower end. Encase outside drops in concrete with hook bolts and expansion shields. Secure inside drop in place with anchor straps and anchors. Diameter of drop connection to be two sizes smaller than the inlet sewer, but not less than 8 inches. Provide a plug in upstream end of tee when not immediately connected. Hardware for all internal drops shall meet the requirements of ASTM F593 Type 316, stainless steel

2.3 BEDDING MATERIALS

A. Granular: ODOT Item 703, Size No. 67 or No. 57 crushed limestone.

B. Concrete Encasement: ODOT Class C concrete.

2.4 BACKFILL

PAVEMENT AND SANITARY SEWER SPECIFICATIONS

A. Earth Backfill: Excavated earth material. Use finely divided material, free of stones 3 inches or greater in any dimension, to at least 3 feet above pipe top.

B. Granular Backfill: ODOT Item 304, crushed limestone.

C. Control Density Fill (CDF): A mix of Portland cement, fly ash and selected granular materials with a compressive strength of 100 psi; Kuhlman Corporation "K-Krete", or as approved.

2.5 LOCAL ROADS

A. Asphalt Concrete Pavement:
1. 1-1/2 inches ODOT Item 448, Type 1 (medium traffic) Surface Course, PG 64-22.
2. 2 inches ODOT Item 448, Type 2 (medium traffic) Intermediate Course, PG 64-22.
3. 10 inches ODOT Item 304, Aggregate Base (placed in 2 lifts).
4. On aggregate base, apply ODOT Item 408 Prime Coat at rate of 0.35 gallons per square yard. Installation to be directed by the City.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface courses and joints.
6. Sealer for Contact and Mating Surfaces and Joints: Comply with ODOT Items 401.14 and 401.17.
7. Pavement Sealer: When requested by and as approved by the City.

B. Concrete Driveways and Parking Areas:
1. Pavement: ODOT Item 452 Non-Reinforced Portland Cement Concrete Pavement.
   a. Commercial Drives: minimum 9 inch thick or match existing
   b. Residential Drives: minimum 6 inch thick or match existing
2. Reinforcement: Match existing.
3. Hook Bolts or Deformed Bars in Roadways:
   a. Provide 5/8-inch hook or deformed bolts where new abuts existing.
   b. Furnish and install at 30 inches center to center where new abuts existing longitudinally.
   c. When thickness is less than 10 inches, as determined by the City, furnish and install at 20 inches center to center where new abuts existing transversely.
   d. When thickness is greater than 10 inches, as determined by the City, furnish and install at 26 inches center to center where new abuts existing transversely.

C. Concrete Curbs: ODOT Item 609.04; Class C concrete.

D. Underdrains: ODOT Item 605 using pipe 706.06, 706.07, 706.08 or 707.41.

2.6 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Neenah Foundry Company, R 1978 A2 with bolted lid.

2.7 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Materials:
1. Follow current ODOT Specifications 712.14 as modified herein:
2. Truncated Domes: Shall consist of cast-in-place reinforced polymer composite tiles.
3. Material supplied shall be red color, and installed by pressing tiles into place in the freshly poured concrete.
4. Material supplied and installed shall meet ODOT Standard Drawings and current approved products as listed at: http://www.dot.state.oh.us/Divisions/Engineering/Roadway/DesignStandards/roadway/Pages/Approved%20Products.aspx (DETECTIBLE WARNINGS)

B. Concrete: ODOT Class C.

PART 3 EXECUTION

3.1 SANITARY SEWER PIPE AND FITTINGS

A. Install PVC plastic pipe and fittings in accordance with ASTM D2321 (as modified by these specifications) and the requirements of these specifications.

B. Excavate trenches to a depth of 4 inches below the outside bottom of the pipe barrel and bell when the pipe is laid on its final grade to allow for bedding material.

C. Place bedding material (ODOT No. 67 or No. 57 crushed limestone) under, beside, and to 12 inches over the pipe sewer for the full width of the trench; place in 6 to 12-inch layers, loose measure, and work the crushed stone around the pipe to provide even support, to fill all voids, and to lightly compact the crushed stone (by hand).

D. Construct concrete encasement for sewers under creeks.

E. Install pipe at a minimum 10 feet horizontal distance from water mains and hydrants, and lay pipes at a minimum 18 inches vertical distance from water mains at their crossing, both as measured between the outside of the pipe walls. At crossings, install one full length of pipe so both joints will be as far from the main as possible.

F. From the top of the bedding to a point 5 feet below the adjacent ground level, backfill trenches in and within 5 feet of the edge of existing and proposed paved or stoned streets, alleys, and parking areas with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 36-inch layers, loose measurement. Mechanically level the crushed stone and compact each layer with an excavator-mounted vibratory plate compactor that produces a rated compactive force of at least 9 psi. Each layer to receive a minimum of two complete passes, except where CDF is indicated on the Drawings.

G. The top 5 feet of the trench shall be backfilled with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 12-inch loose layers and mechanically compact to not less than 100 percent of the maximum dry unit weight as determined in accordance with ASTM D698 (Standard Proctor), except where CDF is indicated on the Drawings.

H. For trenches within 5 feet from the edge of existing and proposed paved or stoned streets, alleys, and parking areas, backfill with compacted granular material as specified above for trenches coming within same.

I. For backfilling trenches in yard/grassed areas, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 18-inch layers, loose measurement, and compact by mechanical tamping. Place remainder of backfill in maximum 12-inch layers, loose measurement, and compact by mechanical tamping.

J. For backfilling trenches within 5 feet of existing and proposed sidewalks and driveways, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 12-inch layers, loose measurement, and compact by mechanical tamping. In no case shall the compaction be less than 92% as determined by the Standard Proctor Test.

K. Changes in pipe material to meet City Specifications shall occur only at manholes.

3.2 MANHOLES

A. Install base with top surface level; install on cushion of approved compacted granular material, minimum 3 inches thick.

B. Install wall sections plumb and level. When walls include steps, install with steps in the center of a traffic lane or between lanes where possible when in pavement, and, when outside pavement, with steps located away from the pavement edge unless the manhole is within a ditch line, then locate steps on the high side of the ditch slope.

PAVEMENT AND SANITARY SEWER SPECIFICATIONS

C. Provide a drop connection for each sewer entering a manhole at an elevation of 24 inches or more above the manhole invert.
1. 12 inches Diameter and Smaller Inlet Pipe: Provide Reliner Inside Drop System at both new and existing manholes. Install as instructed by manufacturer.
2. Larger Than 12 Inches Diameter Inlet Pipe: Provide outside at new manholes, and inside at existing manholes unless otherwise noted.

D. Set grade rings in a full bed of mortar, and mortar the interior of the grade rings to provide a smooth common surface from frame to top.

E. Set casting frames firmly on top of grade rings with a full leveling bed of 1:1 cement mortar; in paved areas, make casting top 1/4 inch below top of pavement surface; in unpaved streets and alley areas, set the cover not to exceed 1 inch above the ground surface. On right-of-way and in ditches, cover elevation shall be as approved by the City.

F. If not integrally cast with the base, after pipe installation provide an ODOT Class F concrete invert having a depth equal to 1/2 the sewer pipe diameter and sloping upward toward the walls approximately 3 inches; trowel concrete smooth. Include drop connections in inverts; do not discharge on sloped portion. For concrete inverts integrally cast with the base, fill void between base and wall with ODOT Class F concrete to match top of shaped invert.

G. Encase all manhole frames located in pavement in concrete extending from a horizontal plane 4 inches below the lowest grade ring up to the top of the frame, unless otherwise shown or noted. Make the concrete encasement circular in plan by using a minimum 48-inch diameter steel casing ring as a form centered on the frame.

H. Joint Sealant: Apply mastic, 1/4 inch thick, to interior surfaces of manhole chimney and grade rings as shown on Standard Detail.

3.3 SERVICE CONNECTIONS

A. Provide for existing and future houses and businesses; minimum 6 inches in diameter unless otherwise shown; maximum two service connections per lateral; install at 1 percent slope.

B. Connect to the main sewer by providing an appropriate sized stainless steel sewer pipe saddle as manufactured by The General Engineering Company, or as approved.

C. Install three foot minimum into each lot, or as otherwise noted, true to line and on at least 1 percent grade with a minimum depth of 8 feet at the property line or the maximum depth possible for main sewers less than 8 feet deep, plus deep enough to serve all basements where the main sewer allows.

D. Provide riser sections of pipe and fittings between the main line sewer connection and that portion installed on at least a 1 percent grade where depths to the main sewer invert exceed 12 feet. Fix riser in place for its full height by providing thoroughly tamped pipe embedment material as shown.

E. Close service connections not immediately connected to an existing sewer with a plug. Plug shall be specifically designed for use with the pipe, shall be for use as a permanent or temporary plug, shall be watertight, and shall be removable without damaging the pipe.

F. Do not backfill the ends of service connections until the location is referenced in accordance with the detail on the Drawings. Provide a 2 inch square oak pole accurately placed over the terminus of each service connection and extending vertically to flush with the surface of the ground so that it can be located.

3.4 CONNECTIONS TO STRUCTURES AND PIPES

A. Connect new sewers to structures through stubs, wall castings, wall sleeves, etc., provided for same, or make an opening at the proper elevation in the wall of the structure, insert the pipe, and neatly and permanently close the opening around the pipe with grout.

B. Make connections water-tight.

C. Where necessary, reshape the bottoms of existing structures to give a smooth flow in all directions.

D. Connect unlike types and sizes of pipe using proper adapter or connector by Fernco, Inc., Joints, Inc., or as approved.

3.5 SEWER INSPECTION

A. Preparation:
1. Upon successful completion of all testing verify with City new and existing sewers to be TV inspected.
2. Flush and clean sewer interiors to remove sludge, dirt, sand, stones, grease, debris, and other materials from the pipe to ensure clear view of interior conditions.
3. Contractor shall intercept debris at downstream manhole, remove and disposed at an approved location off site. Provide written documentation to City indicating disposal site location.
4. Provide materials, labor, equipment, power, and maintenance to implement a temporary by-pass pumping system around the work area for time required to complete TV inspection.
5. Coordinate with the City proposed time and duration of by-pass pumping.

B. Closed-circuit TV (CCTV) Camera System:
1. Use equipment specifically designed and constructed for closed-circuit sewer inspection.
2. Utilize camera with pan and tilt capabilities to view entire sewer and each lateral connection at multiple angles.
3. Provide appurtenances and artificial lighting, as required to enhance the quality of the inspection.
4. Use equipment capable of traveling upstream and downstream.

C. Inspection Operations
1. The camera shall be moved through the pipe sewer in either direction at a moderate rate (at no time shall the speed be greater than 30 feet per minute).
2. The camera shall be stopped when necessary to permit proper documentation of the sewer's condition.
3. All service connections and inlets shall be noted on the tape.
4. Manual winches, power winched, TV cable and powered rewinds or other devices that do not obstruct the camera view or interfere with proper documentation of the sewer conditions shall be used to move the camera through the sewer line.
5. When manually operated winches are used to pull the television camera through the sewer line, telephones or other suitable means of communication shall be set up between the two manholes on the section being inspected to insure good communications between members of the crew.
6. Documentation made during inspection operations must conform to the following guidelines:
   a. Meet minimum standards for CCTV inspection of sewers as prepared by the National Association of Sewer Service Companies (NASSCO).
   b. Log Sheet: A written log sheet must accompany each DVD/CD.
   c. For new sewers, Contractor shall utilize and make reference to manhole numbering as shown and indicated on the project Drawings.
   d. For existing sewers, Contractor shall prepare and provide a map indicating manhole numbering.
   e. Reference to new and existing manhole numbers on the DVD/CD, summary report, and pictures shall be consistent with the numbering sequence on the Drawings and on the map provided by Contractor.

3.6 LOCAL ROADS (UNLESS OTHERWISE APPROVED OR DIRECTED)

A. Prepare subgrade in accordance with ODOT Item 203. Where it is necessary to construct pavement subgrade in fill, remove the existing topsoil beneath the proposed subgrade.

B. Asphalt Concrete Pavement:
1. 1-1/2 inches ODOT Item 448, Type 1 (medium traffic) Surface Course, PG 64-22.
2. 2 inches ODOT Item 448, Type 2 (medium traffic) Intermediate Course, PG 64-22.

RECORD CONSTRUCTION 8/06/24

2
10

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

SANITARY SEWER GENERAL NOTES & DETAILS FOUNTAIN POINT VILLAS

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1A6

3. 10 inches ODOT Item 304, Aggregate Base (placed in 2 lifts).
4. On aggregate base, apply ODOT Item 408 Prime Coat at rate of 0.35 gallons per square yard. Installation to be directed by the City.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface courses and joints.
6. Sealer for Contact and Mating Surfaces and Joints: Comply with ODOT Items 401.14 and 401.17.
7. Pavement Sealer: When requested by and as approved by the City.

C. Concrete Driveways and Parking Areas: ODOT Item 452.

D. Concrete Curbs: ODOT Item 609.04 Type 2 Combination Curb and Gutter or Type 6 Curb.

E. Pipe Underdrains: ODOT Item 605.03, and as shown on ODOT Standard drawing DM-1.2 and approved Drawings.

3.7 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Place Type C monuments in accordance with ODOT Item 604, and Standard Construction Drawing RM-1.1.

3.8 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Material to be supplied shall meet ODOT's Office of Roadway Engineering Services Truncated Domes Approved List.

B. Installation shall be in accordance with ODOT's latest Standard Construction Drawings for New Curb Ramps (with Truncated Domes) BP-7.1 and Retrofitted Curb Ramps BP-7.2.

C. All curb ramps/retrofitted curb ramps shall include new ODOT Class C concrete where truncated dome material is to be installed.

D. The City will approve proposed material to be installed.

3.9 FIELD QUALITY CONTROL

A. The City may check compaction of the bedding and backfill at any time.

B. All testing shall be in the presence of the City or its representative.

C. For compacted bedding and backfill in trenches and for concrete work, the City may require the employing of a testing laboratory to make tests on site.
1. The City shall pay for required testing that meets the City bedding and backfilling specifications.
2. Contractor shall pay for any retesting required to meet specifications.

D. Deflection Test:
1. Test 8-inch diameter and larger PVC plastic pipe for a maximum deflection of 5 percent not less than 30 days after final full backfill has been placed, as determined by the City
2. Conduct deflection tests with a representative of City present.
3. Repair or replace pipes exceeding a deflection of 5 percent and then retest until satisfactory test results are obtained. Retesting shall not take place prior to 30 days after pipe repair/replacement and backfill have occurred. For sewers requiring retesting for deflection and previously tested for leakage, upon obtaining satisfactory deflection test results, retest the affected sewer section for leakage.
4. Conduct tests by pulling an approved deflection probe, having a diameter not less than 95 percent of the base inside diameter or average inside diameter of the pipe depending on which is specified in the ASTM Specification, including the appendix, to which the pipe is manufactured, through the sewer line without mechanical pulling devices. Have a proving ring with an inside diameter equal to the outside diameter of the probe available at the time the probe is used to verify that the probe has the proper diameter by inserting the probe into the ring. The pipe shall be measured in accordance with ASTM D2122.
5. Deflection Probe: By Wortco, Inc., Burke Concrete Accessories, Inc., or as approved; designed specifically for testing the deflection of the type and size of pipe subject to test, and complying with the following:
   a. Odd number (no less than 9) of 1/2 inch by 3/16 inch bar stock runners equally spaced on edge around and welded to the circumference of two minimum 1/4 inch thick circular steel plates.
   b. Distance between plates, out-to-out, of not less than 2 inches smaller than the nominal diameter of the pipe to be tested, with runners extending approximately 1-1/2 inches beyond each plate being bent inward for this distance at approximately 30 degrees.
   c. Continuous 3/4-inch threaded rod through the center of the plates, having a hex nut drawn tight against the inside face of each plate, and extending each side as required for providing a 3/4-inch ferrule loop insert or similar piece for attaching the pulling medium.

E. Sanitary Sewer Leakage Testing:
1. Performance Requirements
   a. Perform leakage testing for the entire length of Work after deflection testing, where possible. If leakage testing is performed before deflection testing, a test section failing deflection testing shall be retested for leakage after acceptable deflection testing.
   b. Perform with representative of the City present.

   c. Judgment of City's representative as to the acceptance of tests is final.
2. Preparation:
   a. Test each section of pipe for obstructions prior to testing for leakage using mandrels, solid cylinders, or balls with diameters of 95 percent of the pipe diameter. Remove obstructions.
   b. Determine ground water level by installing ground water gages in manholes as selected by the City. Gages shall consist of a rigid section of 1/2 inch diameter pipe, approximately 10 inches long, inserted horizontally through the manhole wall as near as possible to pipe crown, sealing any opening around the pipe water-tight, and a clear plastic tube attached to the pipe within the manhole and extended vertically to the top of the manhole. Prior to connecting the tube, blow air through the pipe with sufficient pressure to clear the line. Upon satisfactory completion of leakage testing, remove gages and permanently close openings in the manhole walls with non-shrink and non-metallic grout.
   c. Conduct an infiltration test on the main line sewer when pipe crown is covered with two feet or more of water at the highest point in the test section. Should ground water not provide sufficient head, flood trench within test section, bulkheading each end, to obtain or maintain the specified external head.
   d. Plugs used during leakage tests shall be of a length at least equal to the diameter of the pipe being tested to ensure a watertight seal.
3. Infiltration Tests:
   a. The length of sewer subject to each test shall be the distance between two adjacent manholes as a minimum, 700 feet as a maximum, but shall be left to the discretion of the City.
   b. Isolate test section and cap or plug all service connections and stubs within the section to prevent the entry of ground water.
   c. Measure infiltration by a V-notch weir located in the downstream manhole.
   d. Maintain test head for not less than 24 hours before a weir measurement is made.
   e. Maximum allowable leakage, including manholes, shall be 100 gallons per inch of diameter per mile of pipe per day.
4. Exfiltration Tests
   a. The length of sewer subject to an exfiltration test shall be the distance between two adjacent manholes as a minimum, 700 feet as a maximum, but shall be left to the discretion of the City.
   b. Close upstream and downstream manhole inlets with water-tight plugs and fill the test section with water until the elevation of the water in the upstream manhole is 2 feet above pipe crown in the line being tested, or 2 feet above the existing ground water in the trench, whichever is higher.

   c. A standpipe may be used instead of the upstream manhole for providing the pressure head when approved by the City.
   d. Measure exfiltration by determining the amount of water required to maintain the initial water elevation for 1 hour from the start of the test.
   e. Maximum allowable leakage, including manholes, shall be 100 gallons per inch of diameter per mile of pipe per day.
5. Air Tests:
   a. Conduct an air test between each two consecutive manholes.
   b. Pneumatic plugs shall be able to resist internal pressures without external blocking.
   c. Plug each end of the section to be tested and all pipe outlets in the section with suitable test plugs.
   d. One plug used at a manhole shall have an inlet tap or other provision for connecting an air hose from the air supply equipment.
   e. The equipment shall include valves to control the rate at which air flows into the test section and pressure gages with minimum graduations of 0.1 psi and an accuracy of ±0.04 psi to monitor the air pressure within the test section.
   f. Apply air pressure slowly to the test section until the pressure reaches 4.0 psi, plus an adjustment of 0.433 psi for each foot of ground water above the pipe crown in the line being tested. Internal air pressure, including adjustment for ground water, should never exceed 5.0 psi.
   g. When the pressure reaches 4.0 psi, plus adjustment for ground water, throttle the air supply so that the internal pressure is maintained between 4.0 and 3.5 psi for at least 2 minutes to permit temperature stabilization. When the pressure has stabilized and is at or above 3.5 psi, disconnect the air supply, start a stopwatch, and allow stopwatch to run until the pressure has dropped 1.0 psi.
   h. Sewers of Plastic Pipe 27 Inches Diameter and Smaller: Calculate the permissible time allocated for the 1.0 psi pressure drop on the basis of the diameter and length of main sewer tested, no adjustment being made for service connections included in the test section. The air test for a section shall be considered acceptable if the time elapsed for the 1.0 psi pressure drop is equal to or greater than the time indicated, and shall be considered unacceptable if the elapsed time is less than that indicated in the following table:

MINIMUM HOLDING TIME IN MINUTES: SECONDS REQUIRED FOR 1.0 PSI PRESSURE DROP **				
PIPE	LENGTH OF MAIN LINE TESTED *			
DIAMETER	100'	150'	200'	250'
4"	3:46	3:46	3:46	3:46
6"	5:40	5:40	5:40	5:40
8"	7:34	7:34	7:34	7:34
10"	9:26	9:26	9:26	9:53
12"	11:20	11:20	11:24	14:15
15"	14:10	14:10	17:48	22:15
18"	17:00	19:13	25:38	32:03
21"	19:50	26:10	34:54	43:37
24"	22:47	34:11	45:34	56:58
27"	28:51	43:16	57:41	72:07

MINIMUM HOLDING TIME IN MINUTES: SECONDS REQUIRED FOR 1.0 PSI PRESSURE DROP **				
PIPE	LENGTH OF MAIN LINE TESTED *			
DIAMETER	300'	350'	400'	450'
4"	3:46	3:46	3:46	3:46
6"	5:40	5:40	5:42	6:24
8"	7:36	8:52	10:08	11:24
10"	11:52	13:51	15:49	17:48
12"	17:05	19:56	22:47	25:38
MINIMUM HOLDING TIME IN MINUTES: SECONDS REQUIRED FOR 1.0 PSI PRESSURE DROP **				
PIPE	LENGTH OF MAIN LINE TESTED *			
DIAMETER	100'	150'	200'	250'
15"	26:42	31:09	35:36	40:04
18"	38:27	44:52	51:16	57:41
21"	52:21	61:00	69:48	78:31
24"	68:22	79:46	91:10	102:33
27"	86:32	100:57	115:22	129:48

* Interpolate time for intermediate lengths.
** If the test section fails and service connections were included in the test, re-compute test time to include service connections in accordance with 9.6 of ASTM F1417.

   i. Sewers 30 Inches in Diameter and Larger: Conduct individual air tests at joints, and lift holes, along with visual inspection. Perform air tests in accordance with all applicable requirements, with a test to be acceptable if the pressure holds or drops less than 1 psi in 5 seconds.
   j. Sections may be air tested before backfilling the trench as a check for defects and workmanship, but such tests are at CONTRACTOR's option and are not a substitute for tests required after backfilling has been completed.
   k. For main line sewers tested by infiltration or exfiltration, conduct air tests for the purpose of testing service connections even when the crown of the pipe is covered with 2 feet or more of water. For such tests, the internal air pressure shall never exceed 5.0 psi, and the acceptability of the tests will be based on the minimum holding time specified for the size of the main line sewer.

6. Manhole Tests:
   a. Test each manhole after assembly and after all lift holes have been plugged with non-shrink grout and, at Contractor's option, before or after completing backfilling.
   b. Test by drawing a vacuum on the manhole using equipment specifically designed for such testing.
   c. Plug and brace pipes entering the manhole to prevent being drawn into the manhole.
   d. Place a test head with necessary gages and connections at the inside of the top of the cone section and seal in accordance with the manufacturer's instructions.
   e. Draw a vacuum of 10 inches of mercury and then shut the vacuum pump off.
   f. With valves closed, measure the time for the vacuum to drop to 9 inches. The test shall be successful if the time measured meets or exceeds the values indicated in the following table:

MINIMUM TEST TIMES IN SECONDS			
MANHOLE	MANHOLE DIAMETER *		
DEPTH	48"	60"	72"
8' or less	20	26	33
10'	25	33	41
12'	30	39	49
14'	35	46	57
16'	40	52	65
18'	45	59	73
20'	50	65	81
22'	55	72	89
24'	59	78	97
26'	64	85	105
28'	69	91	113
30'	74	98	121
32'	79	104	128
34'	83	110	136
36'	88	116	144
38'	93	122	152
40'	97	128	159

MINIMUM TEST TIMES IN SECONDS			
MANHOLE	MANHOLE DIAMETER *		
DEPTH	84"	96"	108"
8' or less	40	48	56
10'	50	58	67
12'	59	69	79
14'	68	80	92
16'	77	91	104
18'	87	102	116
20'	97	113	129
22'	106	123	140
24'	116	135	152
26'	125	148	168
28'	135	157	179
30'	144	168	192
32'	154	179	204
34'	162	190	217
36'	172	201	229
38'	182	213	242
40'	191	223	254

* When there is a transition involved, add the times for each size based on the depth associated with each size.

7. Repair/Replacement
   a. For any sewer test section failing to meet the limits of the Specifications, locate and remedy the defects causing the failure, retest the section, and continue repairs or replacement until the limits of the Specifications are satisfied.
   b. For sewers not accessible, should a test fail due to other than a leaking plug, conduct a closed circuit television inspection of the test section to determine the cause of the failure.
   c. When failure is the result of a leaking sewer joint, the joint may be chemically grouted.
   d. Television inspection and chemical grouting of sewer joints shall comply with all applicable "Recommended Specifications for Sewer Collection System Rehabilitation" of the National Association of Sewer Service Companies as approved by the City. Furnish the City two copies of a DVD/CD of all television inspections.
   e. If a manhole test is unsuccessful, make repairs and retest until a satisfactory test is obtained.
   f. Repair all visible leakage in sewers and manholes, even though tests may have been satisfactory.

3.10 MAINTENANCE OF TRAFFIC
Two way traffic shall be maintained at all times on dedicated roads. If construction along dedicated roads interferes with traffic, Contractor shall provide two flaggers and other traffic control devices in accordance with the latest edition of the Ohio Manual of Uniform traffic Control Devices

RECORD CONSTRUCTION 8/06/24

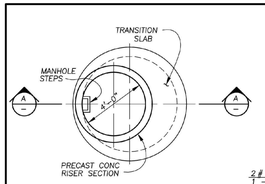
3
10

10E08554

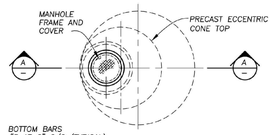
© 2024 FELLER, FINCH & ASSOC., INC.

SANITARY SEWER GENERAL NOTES & DETAILS FOUNTAIN POINT VILLAS

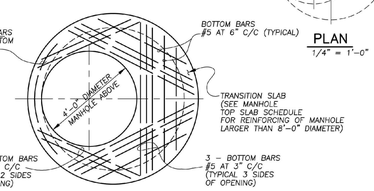
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1AB



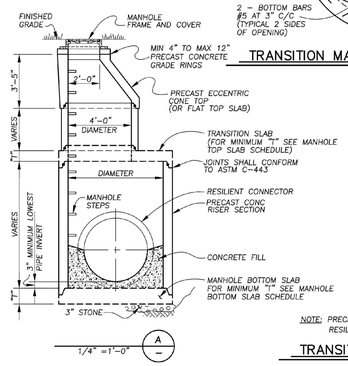
SECTIONAL PLAN
(TOP MANHOLE)
1/4" = 1'-0"



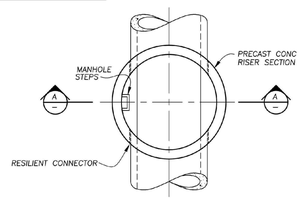
PLAN
1/4" = 1'-0"



TRANSITION MANHOLE TOP SLAB PLAN
3/8" = 1'-0"



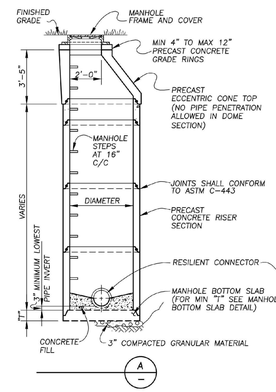
1/4" =1'-0"

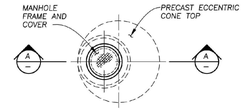


SECTIONAL PLAN
(BOTTOM TRANSITION MANHOLE)
1/4" = 1'-0"

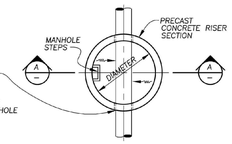
NOTE: PRECAST SECTIONS WITH RUBBER GASKET JOINTS AND RESILIENT CONNECTORS ARE TO BE USED.

TRANSITION MANHOLE DETAILS
1/4" = 1'-0"





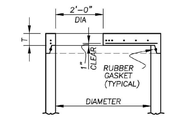
PLAN



SECTIONAL PLAN

NOTE: PRECAST SECTIONS WITH RUBBER GASKET JOINTS AND RESILIENT CONNECTORS ARE TO BE USED.

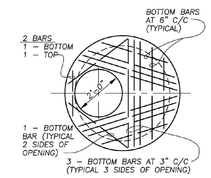
MANHOLE DETAILS
1/4" = 1'-0"



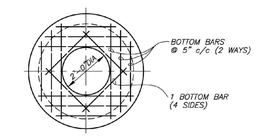
SECTION
PRECAST
TOP SLAB

MANHOLE TOP SLAB SCHEDULE*			
MARK	DIAMETER	MIN."T"	REINF. BAR SIZE
–	4'-0"	6"	# 4
	5'-0"	8"	# 5
	6'-0"	8"	# 5
	7'-0"	8"	# 5
	8'-0"	10"	# 5

* IF DISTANCE FROM TOP OF FRAME TO TOP OF PIPE PENETRATION IS GREATER THAN 4'-4", A PRECAST ECCENTRIC CONE TOP MUST BE USED.

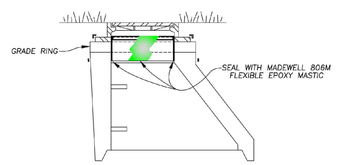


PLAN

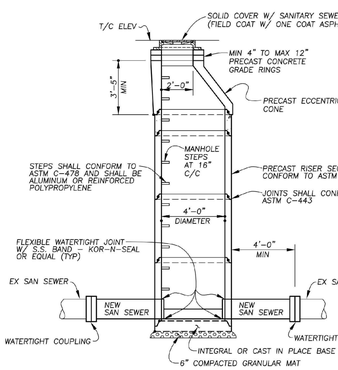


PLAN

MANHOLE TOP SLAB DETAILS
3/8" = 1'-0"



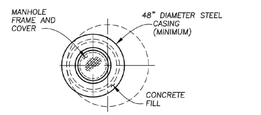
MANHOLE SEALING DETAIL
NO SCALE



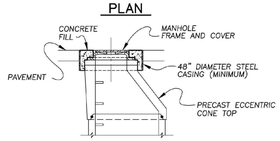
HANDLING HOLES MAY BE CAST IN SECTIONS AND WILL BE FILLED WITH EMBECO GROUT AFTER SECTIONS ARE IN PLACE. CONCRETE FOR MANHOLE BASE TOGETHER WITH FILL CONCRETE SHALL BE ODOT CLASS C.

NOTE:
CONTRACTOR SHALL HAVE ADEQUATE EQUIPMENT TO PUMP AROUND EXISTING SANITARY LINE WHILE MANHOLE IS CUT-IN.

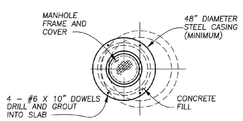
CUT-IN SANITARY MANHOLE
1/4" = 1'-0"



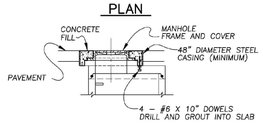
PLAN



SECTION
AT CONE TOP

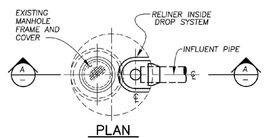


PLAN

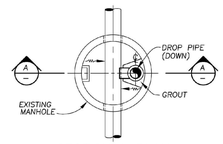


SECTION
AT TOP SLAB

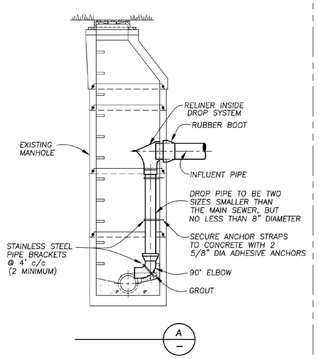
MANHOLE FRAME
ENCASEMENT DETAILS
1/4" = 1'-0"



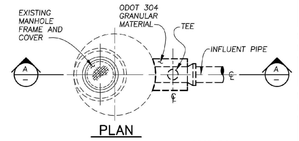
PLAN



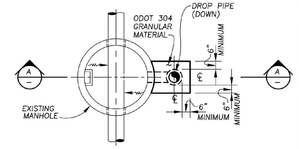
SECTIONAL PLAN



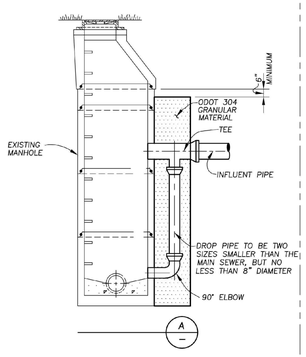
DROP CONNECTION INSIDE FOR
EXISTING OR PROPOSED MANHOLES
FOR 12" AND SMALLER INFLUENT PIPE
1/4" = 1'-0"



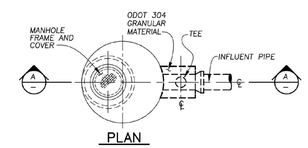
PLAN



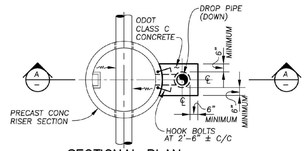
SECTIONAL PLAN



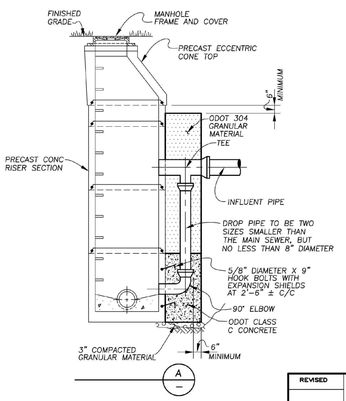
DROP CONNECTION OUTSIDE
FOR PROPOSED AND EXISTING MANHOLES
FOR GREATER THAN 12" INFLUENT PIPE
AND LESS THAN 12' DROP
1/4" = 1'-0"



PLAN



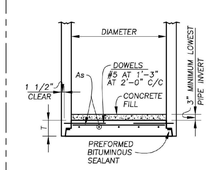
SECTIONAL PLAN



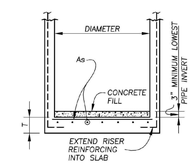
DROP CONNECTION OUTSIDE
FOR PROPOSED AND EXISTING MANHOLES
FOR GREATER THAN 12" INFLUENT PIPE
AND 12' AND GREATER DROP
1/4" = 1'-0"

MANHOLE BOTTOM SLAB SCHEDULE				
MARK	DIAM.	MIN."T"	MIN."E"	MIN. As (each way)
–	4'-0"	8"	4"	0.12 SQ.IN./FT.
	5'-0"	8"	6"	0.12 SQ.IN./FT.
	6'-0"	8"	6"	0.17 SQ.IN./FT.
	8'-0"	10"	10"	0.21 SQ.IN./FT.

NOTE: PLACE BOTTOM SLAB STEEL REINFORCEMENT IN TOP OF SLAB WITH 1 1/2" CONCRETE COVER.



SECTION
INTEGRAL PRECAST
BOTTOM SLAB AND
BOTTOM RISER
(CAST IN SEPARATE
OPERATIONS)
BASE RISER SECTION WITH INTEGRAL FLOOR



SECTION
MONOLITHIC BOTTOM SLAB
AND BOTTOM RISER

MANHOLE BOTTOM SLAB DETAILS
3/8" = 1'-0"

REVISED

PAVEMENT AND SANITARY SEWER STANDARD DETAILS

CITY OF PERRYSBURG, OHIO

DEPARTMENT OF PUBLIC SERVICE
DIVISION OF WATER POLLUTION CONTROL

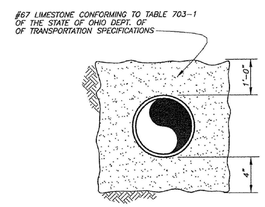
RECORD CONSTRUCTION 8/06/24

4
10

10E08554

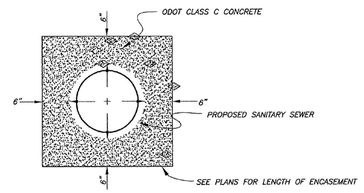
© 2024 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1A6



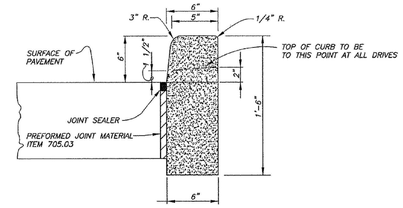
BEDDING DETAIL FOR PIPE SEWERS

NO SCALE



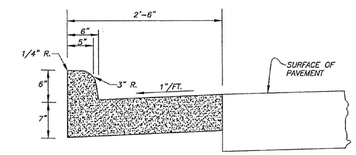
CONCRETE ENCASEMENT FOR SEWERS UNDER CREEKS

NO SCALE



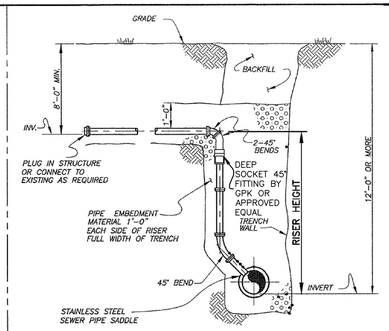
ODOT TYPE 6 CURB REPLACEMENT

NO SCALE



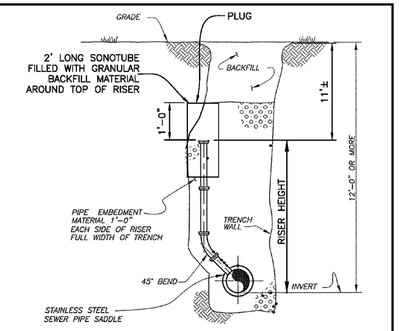
ODOT TYPE 2 COMBINATION CURB

NO SCALE



SECTION

RISERS WHERE DEPTH OF MAIN SEWER EXCEEDS 12'-0"

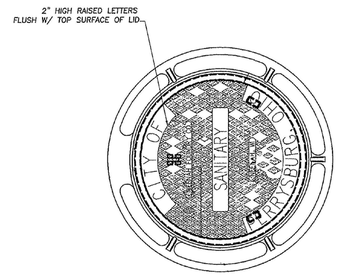


SECTION

RISERS WHERE DEPTH OF MAIN SEWER EXCEEDS 12'-0"

SANITARY SEWER SERVICE CONNECTIONS OF SANITARY SEWERS 48" AND LESS

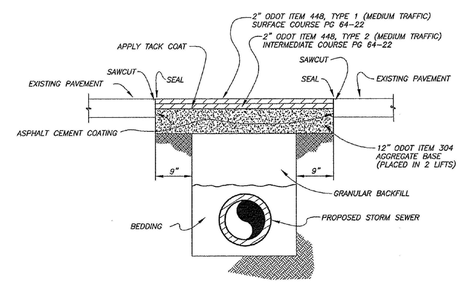
NO SCALE



EAST JORDAN IRON WORKS, INC., CATALOGUE 1040 WITH SOLID LID TYPE B OR AS APPROVED; MACHINED SURFACE, FRAME WITH 24 INCH DIAMETER CLEAR OPENING, AND 7 INCH HEIGHT, LIDS TO HAVE "CITY OF PERRYSBURG, OH" - "SANITARY" CAST INTO TOP.

MANHOLE COVER

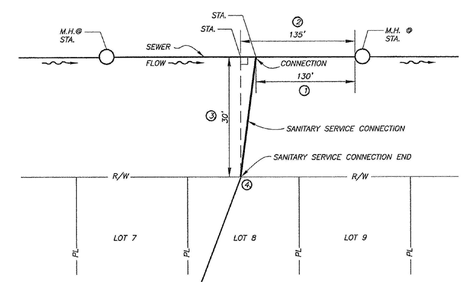
NO SCALE



SECTION

PERPENDICULAR STREET OPENING REPAIR DETAILS

NO SCALE



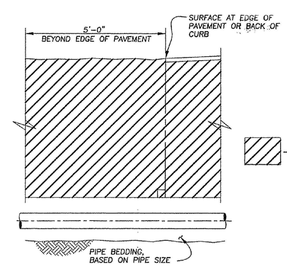
1. 130'
2. 135'
3. 30'
4. 641.8

NOTE:

1. HORIZONTAL DISTANCE OF CONNECTION TO DOWNSTREAM M.H.
2. HORIZONTAL DISTANCE OF SANITARY SEWER SERVICE CONNECTION END TO DOWNSTREAM M.H. ALONG SEWER.
3. PERPENDICULAR DISTANCE FROM SEWER TO SANITARY SEWER SERVICE CONNECTION END.
4. ELEVATION OF SANITARY SEWER SERVICE CONNECTION END FLOW LINE.

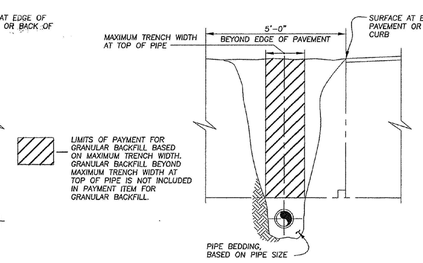
SANITARY SEWER SERVICE CONNECTION LOCATION REFERENCE

NO SCALE



SECTION

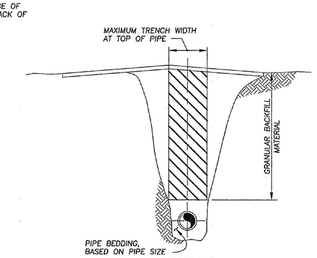
CROSSING PAVEMENT WITHIN MAXIMUM TRENCH WIDTH



LIMITS OF PAYMENT FOR GRANULAR BACKFILL BASED ON MAXIMUM TRENCH WIDTH. GRANULAR BACKFILL BEYOND MAXIMUM TRENCH WIDTH AT TOP OF PIPE IS NOT INCLUDED IN PAYMENT ITEM FOR GRANULAR BACKFILL.

SECTION

PARALLEL PAVEMENT WITHIN MAXIMUM TRENCH WIDTH



SECTION

INSIDE PAVEMENT

GRANULAR BACKFILL

NO SCALE

REVISED
DECEMBER 2015

PAVEMENT AND SANITARY SEWER STANDARD DETAILS

CITY OF PERRYSBURG, OHIO

DEPARTMENT OF PUBLIC SERVICE
DIVISION OF WATER POLLUTION CONTROL

T0000283.8001\Drawing\PERSAN02

RECORD CONSTRUCTION 8/06/24

5/10

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

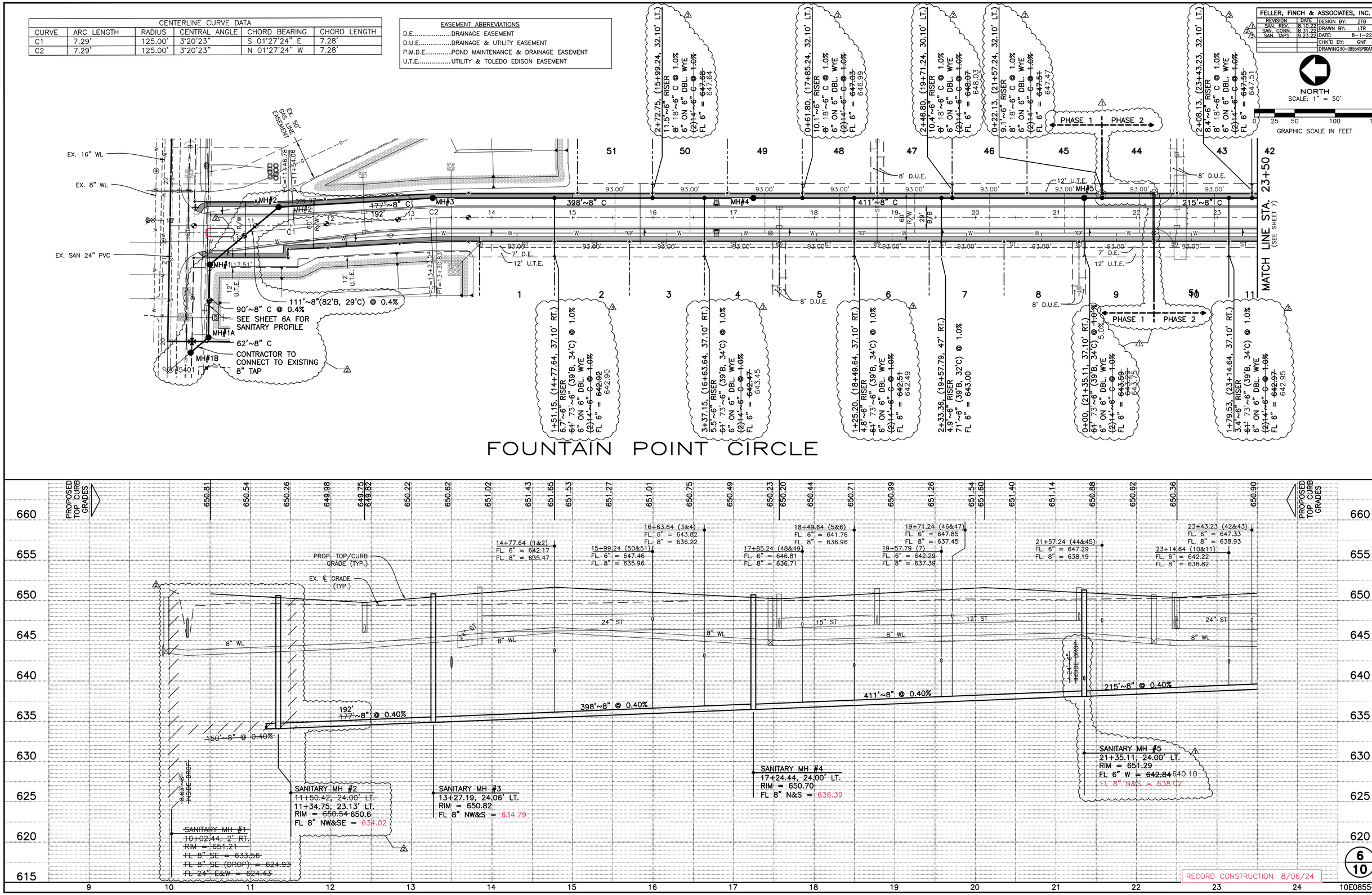
EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
1 SAN. REV.	8.10.22	DESIGN BY: ZTB
2 SAN. CONN.	8.31.22	DRAWN BY: LTR
3 SAN. TAPS	9.23.22	DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:50-08554SP00A1AB

NORTH
SCALE: 1" = 50'
0 25 50 100 150
GRAPHIC SCALE IN FEET



RECORD CONSTRUCTION 8/06/24

6
10

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

SANITARY SEWER FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'

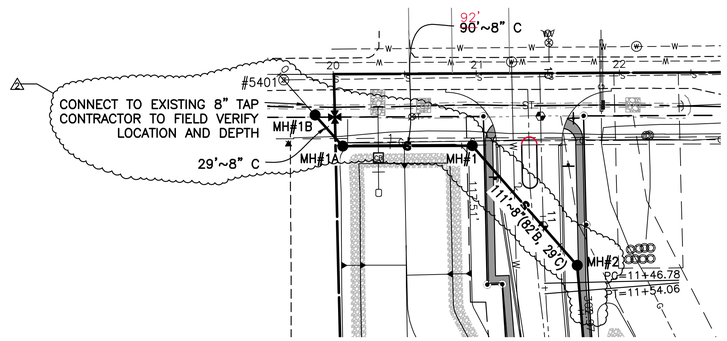
EASEMENT ABBREVIATIONS

D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT

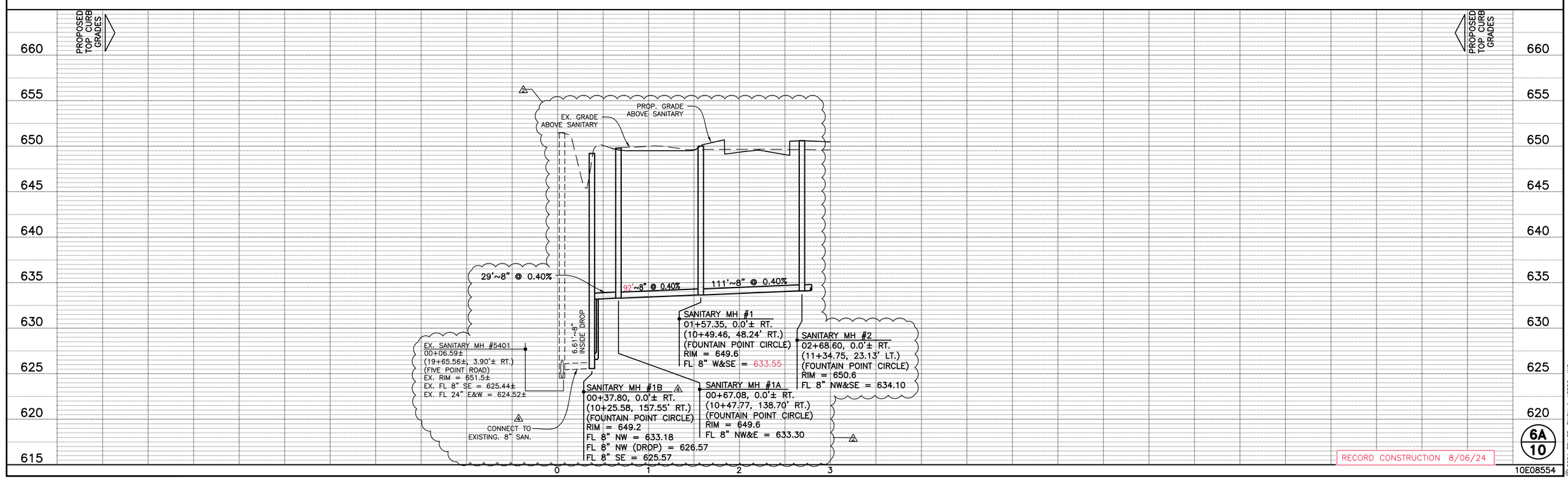
FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
2 SAN. CONN.	8.31.22	DRAWN BY:	LTR
1 SAN. TAPS	9.23.22		
0 SAN. CONN.	10.5.22	DATE:	10-5-22
		CHK'D BY:	GNF
		DRAWING:	10-08554SP00A1AB

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET



SANITARY CONNECTION TO FIVE POINT ROAD



RECORD CONSTRUCTION 8/06/24

6A
10

10E08554

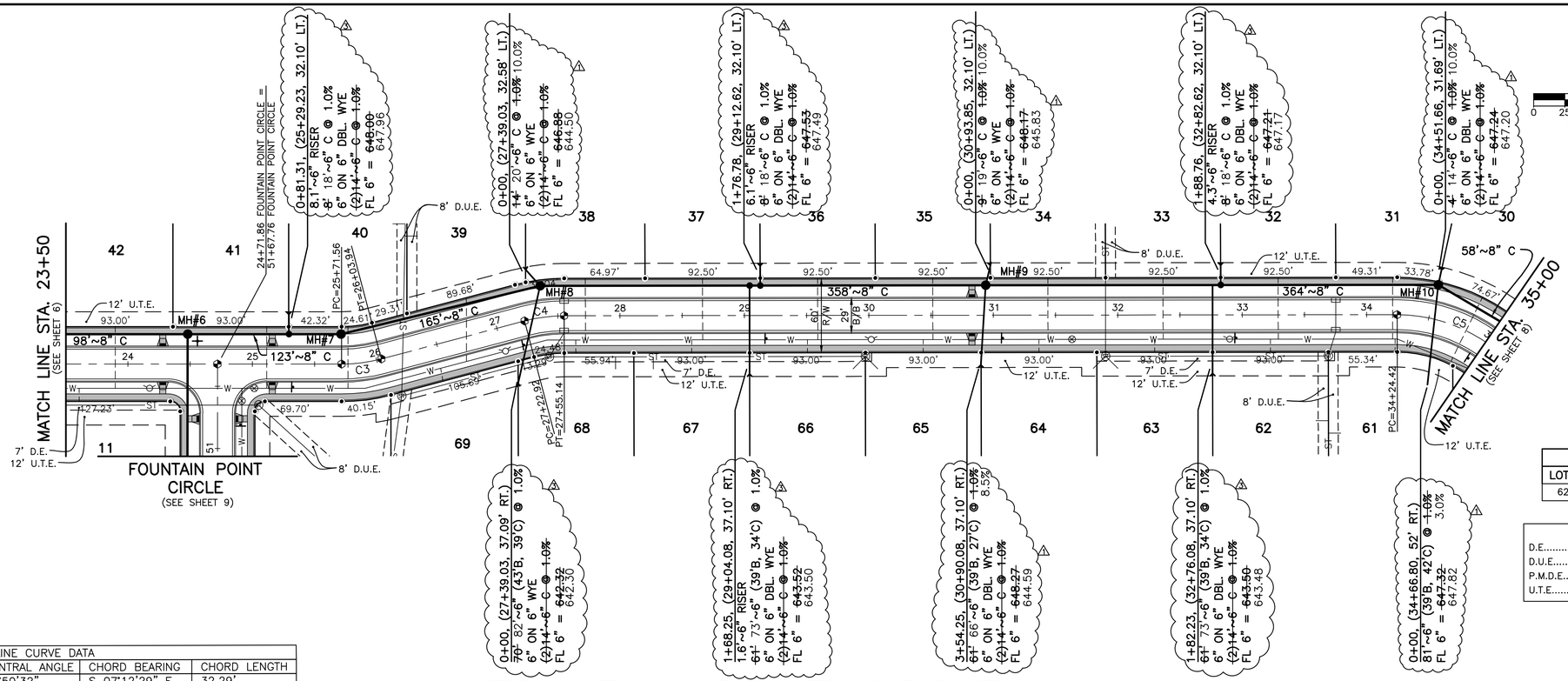
© 2024 FELLER, FINCH & ASSOC., INC.

SANITARY SEWER FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

FELLER, FINCH & ASSOCIATES, INC.			
REVISION	DATE	DESIGN BY:	ZTB
SAN. REV.	8.10.22	DRAWN BY:	LTR
SAN. TAPS	9.23.22	DATE:	8-1-22
		CHK'D BY:	GNF
		DRAWING:	30-08554SP00A1AB

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET



TAP DATA AT SANITARY MAIN		
LOT NO.	FL @ MAIN	FL @ TAP
62/63	FL 8" = 642.66	FL 6" = 642.75

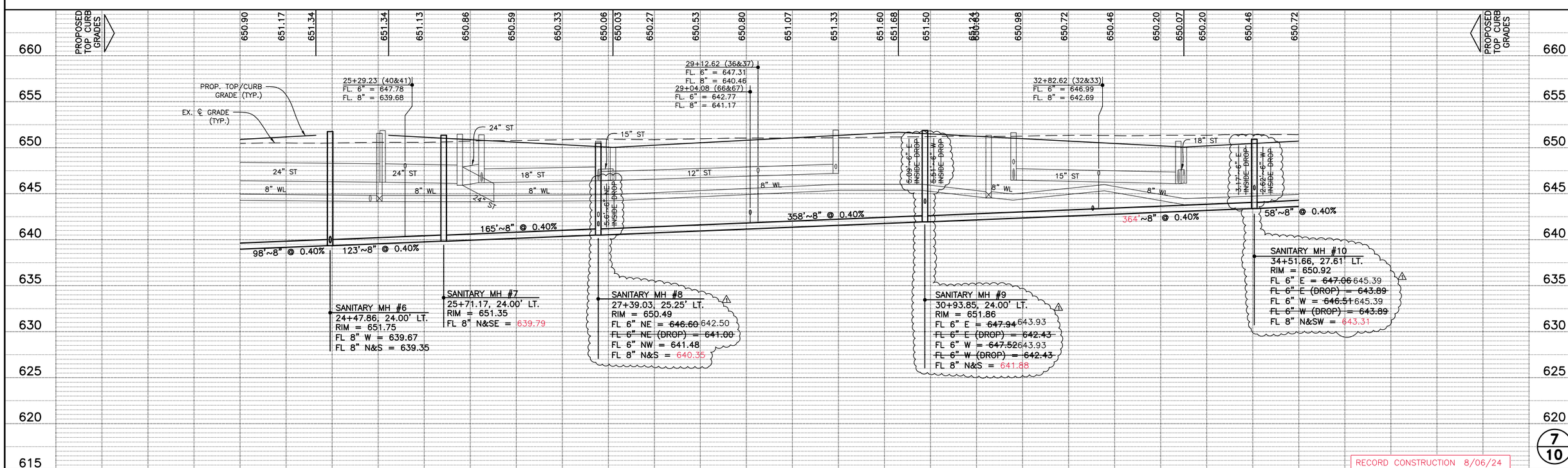
EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

CENTERLINE CURVE DATA

CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C3	32.38'	125.00'	14°50'32"	S 07°12'29" E	32.29'
C4	32.22'	125.00'	14°46'01"	S 07°14'45" E	32.13'
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'

FOUNTAIN POINT CIRCLE



7/10

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

SANITARY SEWER FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'
C6	194.84'	125.00'	89°18'29"	S 44°26'27" E	175.71'
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

EASEMENT ABBREVIATIONS

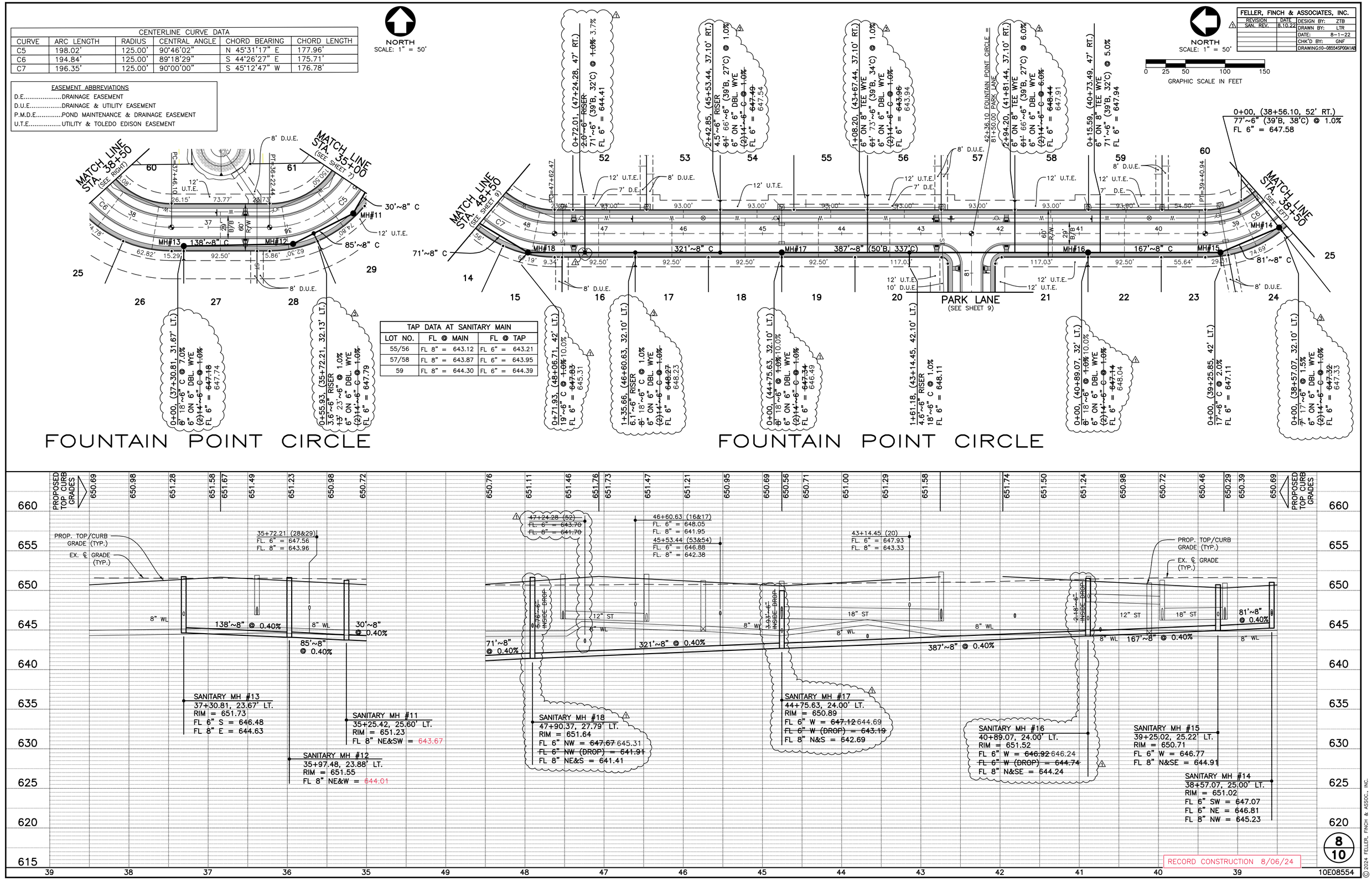
D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

NORTH
SCALE: 1" = 50'

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
SAN. REV.	8.10.22	DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1A8

NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET



TAP DATA AT SANITARY MAIN		
LOT NO.	FL @ MAIN	FL @ TAP
55/56	FL 8" = 643.12	FL 6" = 643.21
57/58	FL 8" = 643.87	FL 6" = 643.95
59	FL 8" = 644.30	FL 6" = 644.39

8/10

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

SANITARY SEWER FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

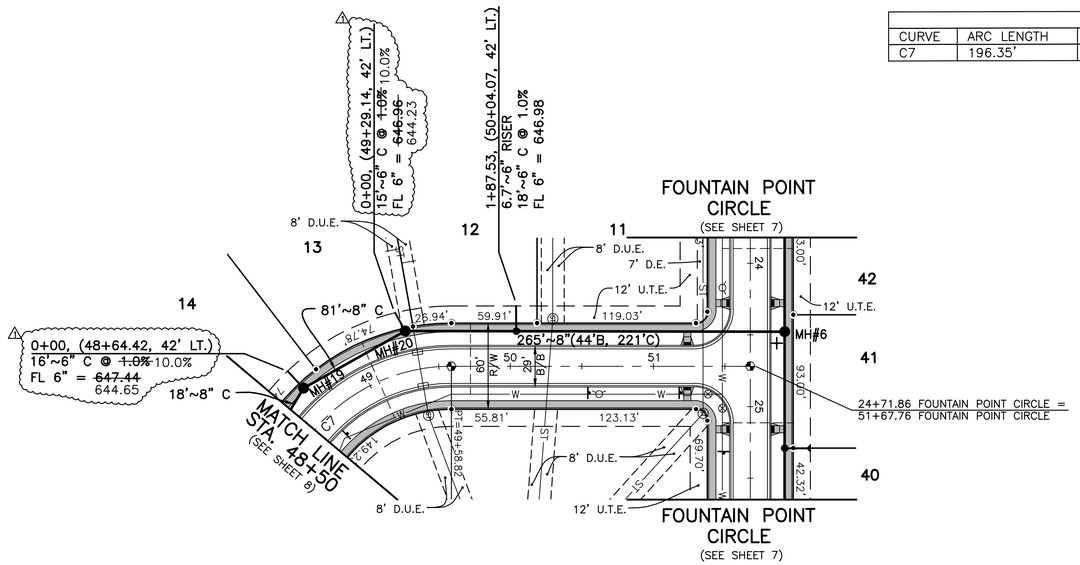
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
1 SAN. REV.	8.10.22	DRAWN BY: LTR
		DATE: 8-1-22
		CHK'D BY: GNF
		DRAWING:10-08554SP00A1AB

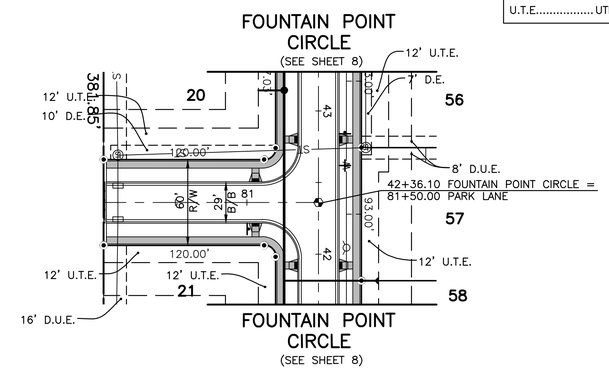
NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

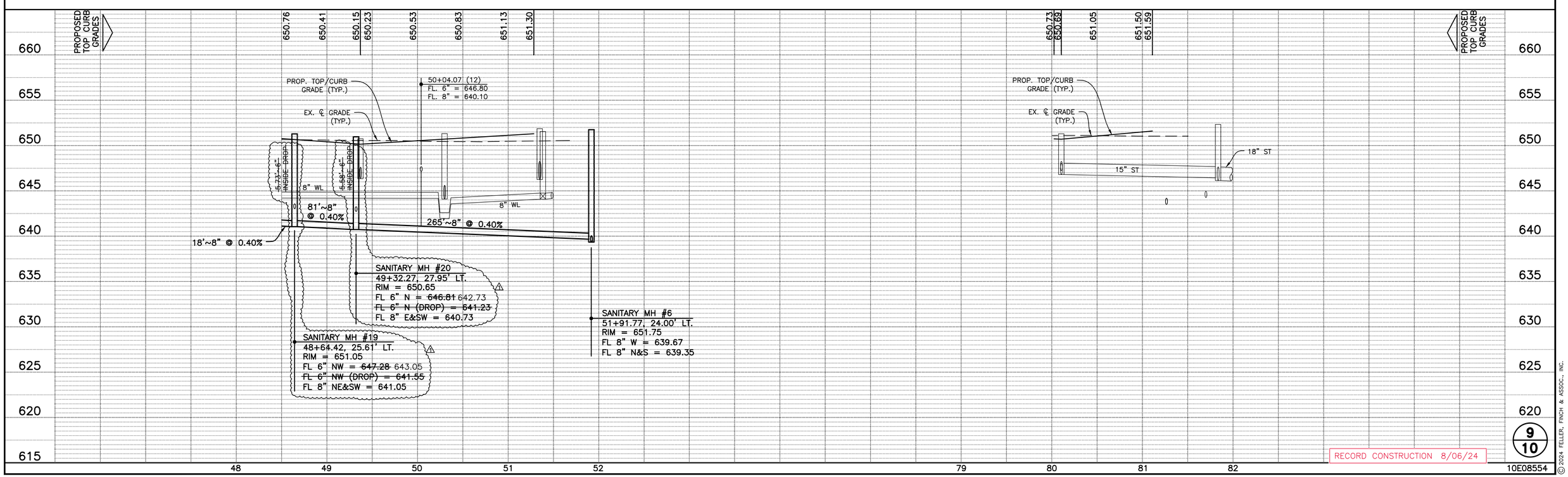
EASEMENT ABBREVIATIONS
D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT

CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'





FOUNTAIN POINT CIRCLE



PARK LANE

RECORD CONSTRUCTION 8/06/24

9
10

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

SANITARY SEWER **FOUNTAIN POINT CIRCLE** **FOUNTAIN POINT VILLAS**

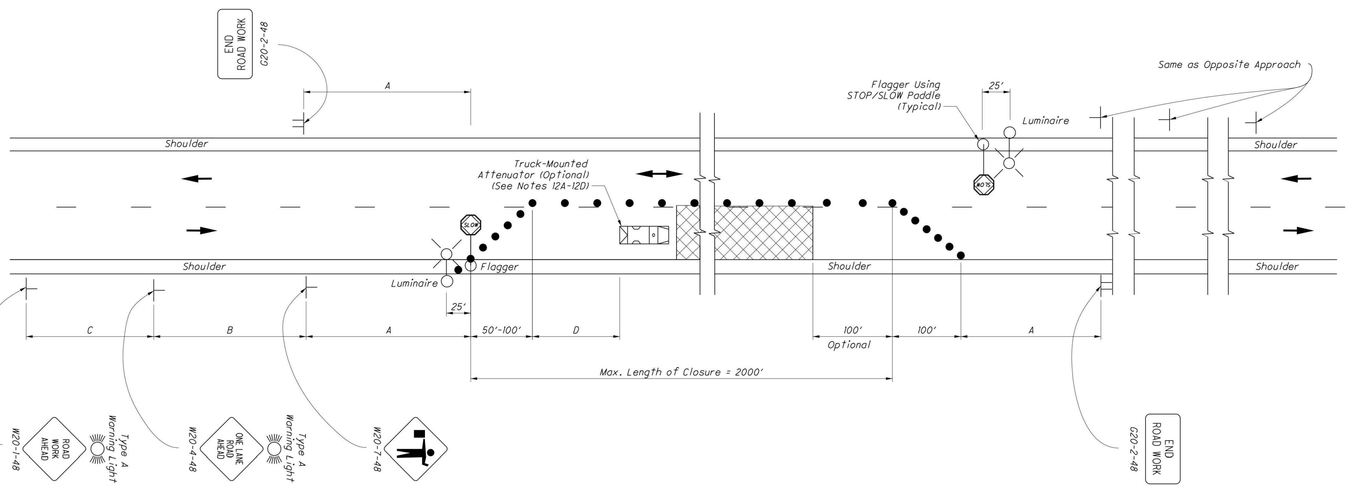


TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (< 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

LEGEND

- WORK AREA
- DRUMS/CONES
- DIRECTION OF TRAVEL
- SHADOW VEHICLE

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.

STANDARD ROADWAY CONSTRUCTION DRAWING

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

CHIEF ENGINEER: Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR: Reynaldo Stargell

REVISION DATE: 07-18-2014

SCD NUMBER: **MT-97.10**

1 / 2

NOTES:

FLAGGERS

1. Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one lane operation is in effect. The flaggers shall be able to communicate with each other at all times.

LENGTH OF CLOSURE

2. Several small work areas close together should be combined into one work zone. However, the closure shall not be more than 2000' long unless approved by the Engineer. The minimum length between closures shall be 2000'. Only one side of the road shall be closed in any one work zone.

SIGN LOCATION AND SPACING

3A. The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.

3B. Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.

3C. The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

ADJUSTMENTS FOR SIGHT DISTANCE

4. The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

BASIC SIGNING

5A. ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.

5B. END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. It is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.

5C. Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD (W20-1) or END ROAD WORK (G20-2) sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.

SIGNING DETAILS

6A. The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.

6B. 36" warning signs may be used when the approach speed limit is 40 mph or less.

FLASHING WARNING LIGHTS

7. Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the LANE CLOSED AHEAD (W20-5) signs are required whenever a night lane closure is necessary.

DRUMS / CONES

8A. Drum spacing shall be as follows:

a) Spacing along the closure shall be 40' center-to-center.
b) Spacing along the approach taper shall be 10' center-to-center.

8B. Cones may be substituted for drums as follows:

a) Cones used for daytime traffic control shall have a minimum height of 28".
b) Cones used for nighttime traffic control shall have a minimum height of 42".
c) Use of cones at night shall be prohibited along tapers.

8C. Provisions shall be made to stabilize the cones and drums to prevent them from blowing over.

8D. A minimum of two drums shall be used to close the paved shoulder.

(RESERVED FOR FUTURE USE)

9A. (intentionally blank)

AREA ILLUMINATION

10A. Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable. Luminaires shall be located adjacent to each flagger station.

10B. To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.

INTERSECTION / DRIVEWAY ACCESS

11. Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong-way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:

a) Place across the closed lane, either three drums (cones) or barricades, and/or
b) Provide an additional flagger at every public street intersection and major driveway.

Drums (cones) placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway, as shown in Standard Construction Drawings (SCDs MT-97.11 or MT-97.12. For barricades, see SCD MT-101.60.

Existing STOP signs shall be relocated as necessary to assure proper location for the traffic conditions.

The method of control shall be subject to the approval of the Engineer.

SHADOW VEHICLE

12A. The shadow vehicle shall be in place and unoccupied whenever workers are in the work area. This vehicle shall be removed from the pavement whenver workers are not in the work area.

12B. The shadow vehicle shall be equipped with a high-intensity yellow rotating, flashing, oscillating, or strobe lights(s).

12C. The vehicle shall be equipped with a truck-mounted attenuator when called for in the plans.

12D. Other protective devices may be used in lieu of the shadow vehicle shown when approved by the Engineer.

CHIP SEAL OPERATIONS

13. For chip seal operations, additional signing shall be incorporated in the advanced warning area.

a) The LOOSE GRAVEL (W8-7) and FRESH TAR (W21-2) signs shall both be used in advance of the chip seal operation.
b) Repeat the LOOSE GRAVEL sign with a 35 mph Advisory Speed (W13-1) plaque every half mile per CMS 422.09.
c) The FRESH TAR and the LOOSE GRAVEL signs shall both be used for signing of side roads intersecting the work area.

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.

STANDARD ROADWAY CONSTRUCTION DRAWING

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

CHIEF ENGINEER: Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR: Reynaldo Stargell

REVISION DATE: 07-18-2014

SCD NUMBER: **MT-97.10**

2 / 2

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
DESIGN BY:		ZTB
DRAWN BY:		LTR
CHKD:		8-22
DATE:		1-08
PROJECT NO.		
DRAWING SCD MT-97.10		

SANITARY SEWER MAINTENANCE OF TRAFFIC FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 8/06/24

10/10

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

WATERMAIN IMPROVEMENTS

FOR

Fountain Point Villas

CITY OF PERRYSBURG, WOOD COUNTY, OHIO

INDEX OF SHEETS

TITLE SHEET 1
GENERAL NOTES & DETAILS 2–4
PLAN AND PROFILE 5–8
MAINTENANCE OF TRAFFIC 9

BENCH MARK DATA

WOOD COUNTY BENCH MARK
MC0668 USGS SURVEY DISC IN CONCRETE MONUMENT SOUTHWEST CORNER OF THE INTERSECTION OF HULL PRAIRIE ROAD & FIVE POINT ROAD.
ELEVATION 650.10

SITE BENCH MARK #150

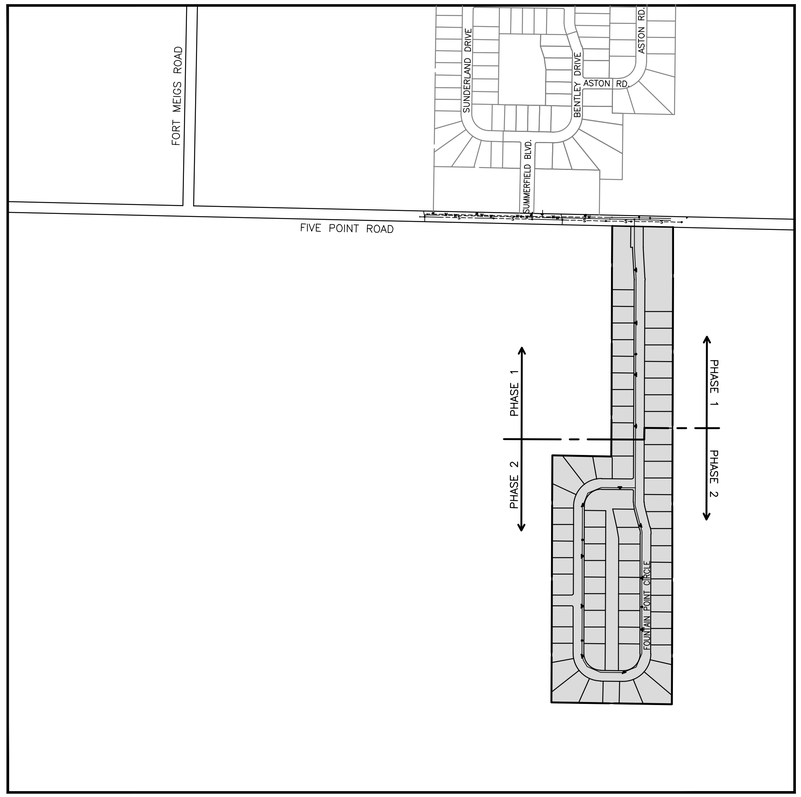
MAG NAIL SET IN SOUTH FACE OF POWER POLE NORTH SIDE OF FIVE POINT ROAD.
ELEVATION 652.04

SITE BENCH MARK #151

MAG NAIL SET IN SOUTH FACE OF POWER POLE SOUTH SIDE OF FIVE POINT ROAD.
ELEVATION 651.49

CONVENTIONAL SIGNS

	PROPOSED	EXISTING
SANITARY SEWER	S	S
STORM SEWER	ST	ST
WATERLINE	W	W
SANITARY MANHOLE	●	Ⓢ
STORM MANHOLE	●	ST
CATCH BASIN	■	CB
YARD BASIN	●	CB
WATER VALVE IN MANHOLE	●	Ⓦ
HYDRANT		
CENTERLINE		
TYPE B MONUMENT		



LOCATION MAP
SCALE: 1" = 400'

NORTH

OHIO UTILITIES PROTECTION SERVICE

CALL 1–800–362–2764
TWO WORKING DAYS
BEFORE YOU DIG

NON–MEMBERS MUST BE CALLED DIRECTLY

WATERLINE SUMMARY

QTY.	UNIT	DESCRIPTION
4059	FT.	8" WATERMAIN
14	EACH	HYDRANT ASSEMBLY (PARALLEL TO MAIN)
7	EACH	8" LINE VALVE IN VALVE BOX
4	EACH	8"~11–1/4° BEND
7	EACH	8"~22–1/2° BEND
2	EACH	8"~45° BEND
6	EACH	8"~45° VERTICAL BEND
1	EACH	8" X 8" X 8" TEE
1	EACH	8" ON 16" TAPPING SLEEVE & VALVE IN VALVE BOX
69	EACH	WATER TAPS (EXCAVATION ONLY)
1	EACH	8" PLUG TAPPED FOR 2" BLOWOFF

SCALES

PLAN ..... 1" = 50'
PROFILE, HORIZONTAL ..... 1" = 50'
PROFILE, VERTICAL ..... 1" = 5'

APPROVED BY

Alice Godsey 5/24/2022
CITY OF PERRYSBURG DATE
DIRECTOR OF PUBLIC UTILITIES
ALICE GODSEY, P.E.

DEVELOPED BY:

FIVE POINT PARTNERS LLC.
5135 SOUTH MAIN STREET
SYLVANIA, OHIO 43560

David Schmitt 7/26/2022
NAME DATE
PRESIDENT

RECORD CONSTRUCTION 8/06/24

Feller Finch & ASSOCIATES, INC.
Engineers · Surveyors
1683 Woodlands Drive, Maumee, Ohio 43537
Phone: (419) 893-3680
Fax: (419) 893-2982
www.fellerfinch.com

REVISION	DATE
RECORD DRAWINGS	11.21.23
WATER REVISION	8.10.22

TITLE: WATERMAIN

PROJECT: FOUNTAIN POINT VILLAS

STATE OF OHIO · GREGORY W. FELLER · E-69055 · REGISTERED · PROFESSIONAL ENGINEER

SIGNED 5/20/22
DATE

DESIGNED BY: ZTB
DRAWN BY: LTR
CHECKED BY: ZTB
REVIEWED BY: GNF

DATE: 5–31–22
PROJECT: 10E08554

1 / 9

©2022 FELLER, FINCH & ASSOC., INC.

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING:10-08554WP00A1AE

PART 1 GENERAL

1.1 SUMMARY

A. Water mains and appurtenances.
1. Water Mains shall be of PVC/PVCO pipe with ductile iron fittings.
2. Fire Lines (Water Mains) shall be of ductile iron pipe and fittings

B. Pavement for local roads.

C. Disinfection of water mains.

1.2 STANDARDS

A. All materials and conditions shall be in accordance with Standard and Specifications of the City of Perrysburg (the City), and/or the current American Society of Testing Materials (ASTM), and/or the current American Water Works Association (AWWA) standards and specifications, and/or the current Ohio Department of Transportation (ODOT) Construction Materials and Specifications (CMS), and/or the current Ohio Environmental Protection Agency (OEPA) standards and specifications. In case of conflict, the City Standard and Specifications shall take precedence.

B. All references to Standards and Specifications are to the latest edition, unless otherwise noted.

C. The City's Water Main Standard Details apply to these specifications

1.3 PRE-CONSTRUCTION MEETINGS, INSPECTION, AND PERMITS

A. All construction projects involving: connection to, relocation of, future City ownership, or work within public rights-of-way, shall require a pre-construction meeting with the Design Engineer, Contractor, on-site inspection firm, and all involved City Divisions.

B. As requested by the City, full time on-site inspection may be required and at the expense of the Developer.

C. Water connection permits shall be obtained from the Department of Public Utilities Office, 211 East Boundary Street, 419-872-8050, a minimum of ten (10) calendar days prior to the of start of construction.

D. Department of Public Utilities (419-872-8050) shall be contacted a minimum of seven (7) calendar days requesting on-site inspection when connecting to City utilities.

E. Before any water is obtained from hydrants for construction purposes, Contractor shall secure a hydrant meter set-up by placing a security deposit with the Department of Public Utilities Office, at 211 East Boundary Street, 419-872-8050.

F. Any work within the City's public rights-of-way requires a Street Opening Permit which is obtained from the Department of Public Utilities Office, at 211 East Boundary Street, 419-872-8055.

1.4 DEFINITIONS

A. Bedding: Material placed to a depth of 4 inches under, beside, and directly over the pipe up to a distance of 6 inches above the top of the pipe barrel, for the full width of the trench, prior to subsequent backfill operations.

1.5 REGULATORY REQUIREMENTS

A. Construction operations shall comply with the City's Noise and Vibration Control Ordinance, Section 634.11, as follows:
1. No person shall use any pile driver, shovel, hammer derrick, hoist tractor, roller or other mechanical apparatus operated by fuel or electric power in building or construction operations between 10:00 p.m. and 6:00 a.m. of the next day in a residential area or within 500 feet of a school or church, except for temporary conditions approved by the Director of Public Service.
2. No person shall perform any construction or repair work on any structure or building, or perform any excavation or road work, when such work entails the use of any power operated construction type device in such a manner that the noise created thereby substantially exceeds the noise customarily and necessarily attendant to the reasonable and efficient performance of such equipment.
3. Whoever violates any of the provisions of this section is guilty of a minor misdemeanor for a first offense and a misdemeanor of the fourth degree for any subsequent offense. Punishment shall be as provided in Ordinance Section 698.02.

B. In accordance with Ordinance 1040.07 Rule 24 of the City Streets, Utilities, and Public Services Code, "the water main contractor shall be required for two years after completion of the work, to make all necessary repairs, including filling and seeding if settlement occurs." For this Project, the water main contractor is the Contractor responsible for the performance of the work.

C. Disinfection: Comply with current version of AWWA C651, except as modified herein.

1.6 PROJECT CONDITIONS

A. Disinfection is a responsibility of Contractor who shall provide all materials, labor, and equipment; dispose of heavily chlorinated water; and pay costs of bacteriological tests. A representative of the City will collect samples for and perform bacteriological tests. Samples shall not be taken by Contractor.
1. The City will provide, without charge, water for the initial disinfection and filling. If repeat disinfection and filling is required, Contractor to pay for all water used after initial disinfection and filling.
2. Water will be available at the current City rate.

1.7 QUALITY ASSURANCE

A. The manufacturer(s) shall provide an affidavit that all pipe, valves, hydrants, fittings, and appurtenances have been manufactured and tested in accordance with the requirements of the applicable referenced Standards. A copy of the affidavit, including the project on which the material is to be used, shall be forwarded to the City prior to construction.

B. All pipes, fittings, valves, fire hydrants and appurtenances shall be appropriately marked for identification purposes. The materials and methods of manufacture, and completed pipes, fittings, valves, and appurtenances shall be subject to inspection and rejection at all times. The City has the right to make inspections.

1.8 STORAGE AND PROTECTION

A. At no time shall other pipes or material be placed in the pipes to be installed.

B. Repair damage to pipe exterior and interior surfaces; pipe so damaged subject to rejection.

1.9 RESTORATION

A. All existing features that are disturbed due to construction activities, such as mailboxes, shrubs, bushes, guardrails, pavement markings, swales, sewers, catch basins, curbs, seeded areas, etc. shall be replaced to their original condition, unless otherwise specified, in accordance with current ODOT specifications and to the satisfaction of the City. Existing survey monuments, bench marks, property corner points, and control points damaged or disturbed by construction shall be replaced by a registered land surveyor, licensed in the State of Ohio.

B. Restoration of street openings shall be in accordance with the City's Standard Street Opening Repair Details.

C. In existing streets, provide a temporary pavement upon completion of backfilling operations and maintain same until the permanent pavement can be placed. Temporary pavement shall be a minimum 2-inch thick asphalt concrete mix in accordance with ODOT Item 614.13.

D. Regrade and reshape all road shoulders and all ditches and swales from existing high points to existing drainage structures or other outlets along the proposed improvement. Ditches, which are reshaped, shall have reasonable side slopes. Vertical or steep slopes will not be permitted.

E. Seed all disturbed earth areas using the hydroseed method or placement of sod, both seed mixture and sod type shall be as approved by the City.

PART 2 PRODUCTS

2.1 PIPE AND FITTINGS

A. PVC/PVCO Pipe with Ductile Iron Fittings:
1. Pipe: AWWA C900, DR 18, Pressure Class 235 for 4 inch through 12 inch diameter; AWWA C905, DR25, pressure class 165 for 14 inch diameter and larger; and AWWA C909, Pressure Class 150 for 4 inch through 24 inch diameter; cast iron equivalent O.D.; integral wall-thickened bell end type incorporating elastomeric gasket; furnished in nominal 20 foot laying lengths.
2. Fittings: AWWA C110 or C153, AWWA C111 rubber gasket joints, with all fittings to be polyethylene encased when buried.
   a. Exterior Coating: Asphaltic material, or AWWA C116 fusion-bonded epoxy coating.
   b. Interior Lining: AWWA C104 cement mortar with seal coat, or AWWA C116 fusion-bonded epoxy coating.
3. Joints: Push-on, with joints within the lengths noted on the Standard Details to be restrained type joints.
   a. Restrained joints shall be MEGALUG or retainers with Mega-Bond Coating System, as manufactured by EBAA Iron, Inc., or as approved, of ductile iron and with a working pressure at least equal to that of the PVC pipe on which to be installed, and a minimum safety factor of 2:1.

B. Ductile Iron Pipe and Fittings:
1. Pipe: Designed in accordance with AWWA C150, minimum Thickness Class 52, with polyethylene encasement when buried; manufactured in accordance with AWWA C151; furnish in minimum nominal 18 foot laying lengths.
2. Fittings: AWWA C110 or C153, with C153 fittings to be polyethylene encased when buried.
3. Exterior Coating: Asphaltic material. Fittings may be coated with a fusion-bonded epoxy coating in accordance with AWWA C116.
4. Interior Lining: AWWA C104 cement mortar with seal coat, or AWWA C116 fusion-bonded epoxy coating.
5. Joints: AWWA C111, rubber gasket, push-on or mechanical type, with restrained type joints and river crossing pipe joints to be provided within the lengths noted on Drawings.
   a. For all bolted joints, bolt length shall be such that all threads of the nut will be engaged.
   b. Restrained push-on joints shall be completely boltless; McWane Super-Lock, American Flex-Ring, U.S. Pipe TR Flex, or as approved. Restrained mechanical joints shall be MEGALUG with Mega-Bond Coating System as manufactured by EBAA Iron, Inc., or as approved, of ductile iron and with a working pressure of at least 250 psi and a minimum safety factor of 2:1.

2.2 BUTTERFLY VALVES

A. Manufacturers: Clow, DeZurik; Henry Pratt Co.; Kennedy; or as approved.

B. AWWA C504, Class 150B; designed specifically for buried service; stainless steel shafts; mechanical joint ends when buried, fully gasketed, grease-packed, water-tight, self-locking actuator with standard AWWA operating nut and mechanical stop limiting devices, open by turning left (counterclockwise), bolts, nuts, and washers used by manufacturer to assemble valves to be Type 304 stainless steel.

C. If required, provide operator with an extension stem such that operating nut is located no more than 4 feet below grade. Center extension stem in the valve box by approved stem guides.

2.3 GATE VALVES

A. Manufacturers: American Flow Control; Clow; Kennedy; Mueller; or as approved.

B. AWWA C509 cast iron, bronze-mounted, or AWWA C515 ductile iron, bronze-mounted, polyethylene encased when buried installation; designed for 200 psi working water pressure; mechanical joint ends, AWWA C111, except for tapping valves; non-rising stem type with standard AWWA nut; stem seal consisting of at least two Buna-N rubber O-rings; open by turning left (counterclockwise); bolts, nuts, and washers used by manufacturer to assemble valves to be Type 304 stainless steel.

C. If required, provide operator with an extension stem such that operating nut is located no more than 4 feet below grade. Center extension stem in the valve box by approved stem guides.

2.4 VALVE BOXES

A. Coated cast iron, three-piece screw type, 5-1/4 inch shaft; heavy, neat fitting cover with the word "WATER" cast on the top.

B. Base shall cover the entire valve bonnet section.

C. Length sufficient such that when installed, the cover top shall be flush with surrounding surface with each section properly engaged.

2.5 FIRE HYDRANT ASSEMBLIES

A. Includes fire hydrant, auxiliary valve and valve box, piping, and appurtenances.

B. Fire Hydrant:
1. Manufacturers: American Flow Control; Kennedy; Mueller, Clow; or as approved.
2. AWWA C502, compression type, 5-1/4 inch valve opening, 5-sided operating nut open by turning left (counterclockwise); traffic model with frangible barrel section and stem coupling; positive operating drain valve installed in open position; 6 inch mechanical joint base, designed so water hammer will be prevented when properly operated.
3. Two 2-1/2 inch hose nozzles, 7-1/2 threads per inch, and one 5 inch Storz steamer fitting.
4. Suitable for setting in trenches of depths and in locations shown; Contractor responsible for determining hydrant depth of bury based on locations shown.
5. Verify that the direction of opening, hydrant pumper nozzle, operating nut, outlet nozzle cap nuts and hose threads conform to those in the system before the new hydrants are shipped.
6. Factory Finish: Each hydrant shall be given two coats of good quality weatherproofing paint before leaving the factory and another coat after installation. The portion of hydrants below ground shall be painted with black paint; the portion above ground shall be painted to match existing hydrants throughout Wood County. The color shall be submitted to the City for approval prior to application on the new hydrant.

C. Auxiliary Valve and Valve Box: Auxiliary valves and valve boxes shall be gate valves and valve boxes as specified in Articles 2.3 and 2.4, with valves to have ends suitable for receiving the spigot end of 6 inch anchoring pipe.

D. Piping:
1. Ductile Iron Pipe: AWWA C150, AWWA C151; asphaltic material, or AWWA C116 fusion-bonded epoxy exterior coating, AWWA C104 cement mortar with seal coat, or AWWA C116 fusion-bonded epoxy interior lining.
2. AWWA C110 or C153 mainline tees with standard mechanical joint branch for connecting to anchoring pipe and fittings, and mechanical joint anchoring type branch when connecting to an auxiliary valve; coated and lined as specified for pipe. C153 fittings to be polyethylene encased when buried.

3. Anchoring pipe, plain end mechanical joint type incorporating an integral cast shoulder and follower gland.
4. Anchoring Pipe Manufacturers: American Cast Iron Pipe Company, Clow Corporation, United States Pipe and Foundry Company, or as approved.

2.6 BACKFILL

A. Earth Backfill: Excavated earth material, finely divided and free of stones 3 inches or greater in any dimension to at least 3 feet above pipe top.

B. Granular Material: ODOT Item 304 crushed limestone.

C. Control Density Fill (CDF): A mix of Portland cement, fly ash and selected granular materials with a compressive strength of 100 psi; Kuhlman Corporation "K-Krete", or as approved.

2.7 BACTERIA SAMPLING AND FLUSHING ASSEMBLIES

A. Follow Service Connection Assemblies as shown above, with the following modifications:
1. Curb box is not required
2. A ball valve may be substituted for the curb stop.
   a. Manufacturers: Stockholm, Model S-216; Nibco, Model No. S-585-70 or T-585-70; or as approved.
   b. Bronze, two-piece body, chrome-plated, brass ball, Teflon seats and stuffing box ring, lever handle and balancing stops, solder or threaded ends with union.
3. Approved piping and fittings (90 degree elbow) shall be provided a distance of 4 feet above grade.
4. Valve shall be located to allow individual taking sample to turn valve on-off while holding sampling jar.

2.8 POLYETHYLENE ENCASEMENT

A. AWWA C105, 8 mil linear low-density polyethylene tube or 4 mil high density, cross-linked polyethylene tube; 2 inch wide plastic-backed, adhesive tape, bond to both metal surfaces and polyethylene film.

2.9 TRACE TAPE

A. Inert bonded layer plastic with metallized foil core, 6 inches wide, resistant to alkalis, acids and other destructive chemical components encountered in soils; APWA Uniform Color Code, brightly colored; imprinted indicating pipe type; Griffolyn Company Terra Tape "D", Seton Name Plate Corporation, or as approved.

2.10 JOINT BOLTS AND NUTS

A. All ductile iron fittings, and appurtenances (valves, hydrants, restrained joints, etc.) shall be installed with COR-BLUE (COR-TEN) bolts, nuts, and washers. B. Bolts and appurtenances shall be NSS Industries COR-BLUE (COR-TEN) Bolts, or as approved, coated with a ceramic-filled baked-on fluorocarbon resin.

2.11 BEDDING MATERIAL

A. Fine excavated material except in paved areas; standard size No. 6 stone fill as shown at fire hydrants and at blow-off assemblies, except no slag permitted.

B. ODOT No. 67 or No. 57 crushed limestone in paved areas.

C. Concrete Thrust Blocks, Concrete Encasement, and Valve Box Concrete Collar: ODOT Class C Concrete.

2.12 LOCAL ROADS

A. Asphalt Concrete Pavement:
1. -1/2 inches ODOT Item 448, Type 1 (medium traffic) Surface Course, PG 64-22.
2. 2 inches ODOT Item 448, Type 2 (medium traffic) Intermediate Course, PG 64-22.
3. 10 inches ODOT Item 304, Aggregate Base (placed in 2 lifts).
4. On aggregate base, apply ODOT Item 408 Prime Coat at rate of 0.35 gallons per square yard. Installation to be directed by the City.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface courses and joints.
6. Sealer for Contact and Mating Surfaces and Joints: Comply with ODOT Items 401.14 and 401.17.
7. Pavement Sealer: When requested by and as approved by the City.

B. Concrete Driveways and Parking Areas:
1. Pavement: ODOT Item 452 Non-Reinforced Portland Cement Concrete Pavement.
2. Reinforcement: Match existing.
   a. Commercial Drives: minimum 9 inch thick or match existing
   b. Residential Drives: minimum 6 inch thick or match existing
3. Hook Bolts or Deformed Bars in Roadways:
   a. Provide 5/8-inch hook or deformed bolts where new abuts existing.
   b. Furnish and install at 30 inches center to center where new abuts existing longitudinally.
   c. When thickness is less than 10 inches, as determined by the City, furnish and install at 20 inches center to center where new abuts existing transversely.
   d. When thickness is greater than 10 inches, as determined by the City, furnish and install at 26 inches center to center where new abuts existing transversely.

C. Concrete Curbs: ODOT Item 609.04; Class C concrete.

D. Underdrains: ODOT Item 605 using pipe 706.06, 706.07, 706.08 or 707.41.

2.13 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Neenah Foundry Company, R 1978 A2 with bolted lid.

2.14 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Materials:
1. Follow current ODOT Specifications 712.14 as modified herein:
2. Truncated Domes: Shall consist of cast-in-place reinforced polymer composite tiles.
3. Material supplied shall be red color, and installed by pressing tiles into place in the freshly poured concrete.
4. Material supplied and installed shall meet ODOT Standard Drawings and current approved products as listed at: http://www.dot.state.oh.us/Divisions/Engineering/Roadway/DesignStandards/roadway/Pages/Approved%20Products.aspx (DETECTIBLE WARNINGS)

B. Concrete: ODOT Class C.

2.15 DISINFECTION PRODUCTS

A. Chemicals: Calcium Hypochlorite granules or 5 gram tablets; 1 percent chlorine solution (10,000 mg/l), prepared by mixing 1 pound of calcium hypochlorite (approximately 65 percent available chlorine by weight) and 8 gallons of water.

B. Food-Grade Adhesive: Permatex Form-A-Gasket No. 2 and Permatex Clear RTV Silicone Adhesive Sealant by Locktite Corporation.

PART 3 EXECUTION

3.1 PREPARATION

A. String pipe sections along the route of the mains so as to interfere least with pedestrian and vehicular traffic and to protect the pipe.

B. Excavate trenches to a depth of 4 inches below the outside bottom of the pipe barrel and bell when the pipe is laid on its final grade to allow for bedding material.

C. Do not install service connections until new mains have been successfully tested, disinfected, and placed in service.

D. Verify that polyethylene encasement is in place, where required, before placing bedding.

E. Water Main Minimum Height of Cover: 5 feet.

3.2 BEDDING

A. Place bedding material at trench bottom and shape for accurate placement and proper support of pipe.

B. Place bedding material (ODOT No. 67 or No. 57 crushed limestone) under, beside, and to 12 inches over the pipe sewer for the full width of the trench; place in 6 to 12-inch layers, loose measure, and work the crushed stone around the pipe to provide even support, to fill all voids, and to lightly compact the crushed stone (by hand).

C. Carefully place and tamp so as not to puncture polyethylene encasement, or damage or displace joints or pipe. Do not drop material directly on pipe.

D. Construct thrust blocks at plugs as detailed. Place against firm, undisturbed soil. Protect end of plug from concrete adhesion to allow for future removal.

E. Construct concrete encasement under ditches as shown.

3.3 INSTALLATION - WATER MAIN PIPE AND FITTINGS

A. Provide non-conducting dielectric connections wherever jointing dissimilar metals.

B. Install water mains at a minimum 10 foot horizontal distance from sewers and manholes and at a minimum 18-inch vertical distance from sewers at their crossing, both as measured between the outside of pipe walls. At crossings, install one full length of water line pipe so both joints will be as far from the sewer as possible.

C. Install pipe in locations and at grades shown or specified, except as otherwise permitted or ordered by the City to avoid existing or proposed utility lines or other obstructions encountered; to secure a more readily accessible position for trenching; or to facilitate the location of various pipe appurtenances; avoid high and low points in the main

D. Use suitable fittings, usually 1/8 bends, when abrupt grade changes of the pipe are necessary to avoid existing utilities or other obstructions, so as to secure an easy flow of liquid and to provide sufficient cover below same unless noted otherwise.

E. Install pipe to allow for expansion and contraction without stressing pipe or joints.

F. Deflect pipe joints in strict accordance with pipe manufacturer's instructions.

G. Locate pipe to maintain a minimum clearance of 18 inches in all directions, with respect to other utilities, to allow for taps to be inserted.

H. With push-on joints, wipe surfaces that contact rubber gasket clean and dry just prior to making joint. Use a lubricant in accordance with the manufacturer's instructions when making joint.

I. With mechanical joints, brush surfaces that contact rubber gasket with soapy water to remove all sand and grit just prior to making joint.

J. Install tracer tape continuous over top of PVC pipe; locate 18 inches below finished grade.

K. Install polyethylene encasement for all ductile iron pipe, fittings, and appurtenances; comply with AWWA C105 Method A and manufacturer's instructions. Completely tape all overlaps and seams. Repair all rips, punctures, and other damage to the polyethylene.

L. Provide polyethylene encasement for each ductile iron fitting for a distance of 5 feet each side thereof; comply with AWWA C105 Method A and manufacturer's instructions. Completely tape all overlaps and seams. Repair all rips, punctures and other damage to the polyethylene.

M. Clean all pipes thoroughly inside and outside before lowering into trench; keep pipes clean during and after laying; and seal the pipe end with a water-tight plug when pipe laying is stopped for any reason.

N. From the top of the bedding to a point 5 feet below the adjacent ground level, backfill trenches in and within 5 feet of the edge of existing and proposed paved or stoned streets, alleys, and parking areas with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 36-inch layers, loose measurement. Mechanically level the crushed stone and compact each layer with an excavator-mounted vibratory plate compactor that produces a rated compactive force of at least 9 psi. Each layer to receive a minimum of two complete passes, except where CDF is indicated on the Drawings.

O. The top 5 feet of the trench shall be backfilled with granular material (ODOT No. 304 crushed limestone). Place the crushed limestone material in maximum 12-inch loose layers and mechanically compact to not less than 100 percent of the maximum dry unit weight as determined in accordance with ASTM D698 (Standard Proctor), except where CDF is indicated on the Drawings.

P. For trenches within 5 feet from the edge of existing and proposed paved or stoned streets, alleys, and parking areas, backfill with compacted granular material as specified above for trenches coming within same.

Q. For backfilling trenches in yard/grassed areas, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 18-inch layers, loose measurement, and compact by mechanical tamping. Place remainder of backfill in maximum 12-inch layers, loose measurement, and compact by mechanical tamping.

R. For backfilling trenches within 5 feet of existing and proposed sidewalks and driveways, replace as much of the excavated material as possible. Until backfilling has progressed to a depth of at least 3 feet over the top of the pipe barrel, use finely divided material, free of stones 3 inches or greater in any dimension, boulders and other harmful debris, and place in 12-inch layers, loose measurement, and compact by mechanical tamping. In no case shall the compaction be less than 92% as determined by the Standard Proctor Test.

S. Contractor is responsible for disinfection of the water main in accordance with AWWA C651 under Section 02675. Attention is directed to Section 4 - Preventive and Corrective Measures During Construction, of AWWA C651. If, in the City's opinion, the pipe contains dirt that may not be removed by subsequent flushing, clean and swab the pipe interior as necessary with a 1 percent chlorine solution (10,000 mg/l) prepared by mixing 1 pound of high-test calcium hypochlorite (65-70 percent Cl) and 8 gallons of water.

T. Provide access fittings to permit testing and disinfection and bacteria sampling and flushing assemblies.

U. When necessary to cut pipe at fittings, valves, or elsewhere, the remaining portions may be used to minimize the number of scrap pieces when the Work is complete; however, scrap pieces less than 5 feet in length shall not be used.

V. Backfill trench for Work of this Section; follow Article 2.6.

3.4 INSTALLATION - VALVES AND FIRE HYDRANT ASSEMBLIES

A. Maximum spacing between fire hydrants shall be no greater than 300 feet center to center distance as measured along the centerline of water main.

B. Maximum spacing for mainline valves shall be installed no greater than 1,000 feet center to center distance as measured along the center of water main.

RECORD CONSTRUCTION 8/06/24

2
9

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

WATERMAIN GENERAL NOTES FOUNTAIN POINT VILLAS

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING:10-08554WP00A1AE

C. Set valves plumb and on solid bearing; center and plumb valve box over valve; set box cover flush with finished grade. Provide expansion joint material around portion of box in concrete pavement or sidewalks. Provide a concrete collar around valve box located if asphalt or stone pavement.

D. Set hydrants plumb and to grade of curb, street, alley, highway, or right-of-way with pumper nozzle toward middle line of street, highway, or right-of-way.

E. Set hydrant and auxiliary valve on native hardwood blocking; provide stone fill up to drainage port

F. If necessary, as determined by City, to set a fire hydrant at a greater depth of bury as a result of changing hydrant location from that shown, adjust elevation by furnishing and installing the fire hydrant manufacturer's standard barrel and stem extensions.

G. Install polyethylene encasement for all buried auxiliary valves and fire hydrant assemblies as specified for water main pipe and fittings.

H. Install polyethylene encasement for all buried gate and butterfly valves even if not provided for adjacent piping. Comply with AWWA C105 Method A and manufacturer's instructions. Completely tape all overlaps and seams. Repair all rips, punctures, and other damage to the polyethylene.

I. Paint fire hydrant exterior above ground level with two coats City's standard paint; hydrant shall be painted yellow with bonnet painted white.

3.5 INSTALLATION - BACTERIA SAMPLING AND FLUSHING ASSEMBLIES; BLOW-OFF ASSEMBLIES

A. Install assemblies as shown or noted; comply with component manufacturer's instructions.

B. Valve shall be located to allow individual taking sample to turn valve on-off while holding sampling jar.

C. Remove bacteria sampling and flushing assemblies after notice from City that mains have passed all tests and have been placed in service.

3.6 CONNECTION TO EXISTING MAINS

A. Connect new mains to existing mains using proper fittings and in a manner acceptable to the City.

B. Expose existing mains at connection points 10 days prior to making connections to determine elevation, verify type of pipe, confirm outside diameter of pipe, and identify type of restraints existing.

C. No cut-ins or connections to existing mains shall be made unless at least 48 hours notice is given to the City.

D. Plan all connecting work to reduce number of shutoffs.

E. Two days prior to shutting valves on existing lines, notify all affected property owners and the City of such shutoff.

F. Keep shutoff time to a minimum and do at off-peak hours.

G. A representative of the City will operate existing valves. Contractor shall not operate existing valves.

H. The City assumes no responsibility for any delay occasioned by special requirements or conditions which must be met in making connections.

I. Take extreme care in making connections to prevent contamination

J. Before making connections to existing mains, wash all fittings, valves, and pipe with clean water, and then disinfect by washing with a chlorine solution having a residual chlorine strength of not less than 50 ppm.

K. Plugs removed from existing mains that are not damaged may be reused within the Project, and those remaining after completion of construction shall remain the property of the City.

L. Connections to AC pipe shall be made with appropriate fittings specifically designed for AC pipe connections, and shall be acceptable to the City. All connections to AC pipe shall be via pad adapters. AC pipe must not be cut with a saw. All cuts shall be accomplished by snap cut.

3.7 LOCAL ROADS (UNLESS OTHERWISE APPROVED OR DIRECTED)

A. Prepare subgrade in accordance with ODOT Item 203. Where it is necessary to construct pavement subgrade in fill, remove the existing topsoil beneath the proposed subgrade.

B. Asphalt Concrete Pavement:
1. 1-1/2 inches ODOT Item 448, Type 1 (medium traffic) Surface Course, PG 64-22.
2. 2 inches ODOT Item 448, Type 2 (medium traffic) Intermediate Course, PG 64-22.
3. 10 inches ODOT Item 304, Aggregate Base (placed in 2 lifts).
4. On aggregate base, apply ODOT Item 408 Prime Coat at rate of 0.35 gallons per square yard. Installation to be directed by the City.
5. ODOT Item 407; apply tack coat at the rate of 0.04 gallons per square yard to be placed between intermediate and surface courses and joints.
6. Sealer for Contact and Mating Surfaces and Joints: Comply with ODOT Items 401.14 and 401.17.
7. Pavement Sealer: When requested by and as approved by the City.

C. Concrete Driveways and Parking Areas: ODOT Item 452.

D. Concrete Curbs: ODOT Item 609.04 Type 2 Combination Curb and Gutter or Type 6 Curb.

E. Pipe Underdrains: ODOT Item 605.03, and as shown on ODOT Standard drawing DM-1.2 and approved Drawings.

3.8 MONUMENT ASSEMBLY (IN PAVED AREAS)

A. Place Type C monuments in accordance with ODOT Item 604, and Standard Construction Drawing RM-1.1.

3.9 CURB RAMP DETECTABLE WARNING TRUNCATED DOMES

A. Material to be supplied shall meet ODOT's Office of Roadway Engineering Services Truncated Domes Approved List.

B. Installation shall be in accordance with ODOT's latest Standard Construction Drawings for New Curb Ramps (with Truncated Domes) BP-7.1 and Retrofitted Curb Ramps BP-7.2.

C. All curb ramps/retrofitted curb ramps shall include new ODOT Class C concrete where truncated dome material is to be installed.

D. The City will approve proposed material to be installed.

3.10 FIELD QUALITY CONTROL

A. The City may check compaction of the bedding and backfill at any time.

B. For compacted bedding in trenches, the City may employ a testing laboratory to make tests on Site and will pay all costs for the first set of tests performed per lift. If compaction fails to meet Specifications, all succeeding tests for that lift shall be at expense of Contractor.

C. Check valve boxes after installation and remove stones, dirt, debris, and backfill material.

D. Subject main to pressure and leakage test in accordance with Article 3.11 below.

E. Disinfect water mains in accordance with Standard Details for Disinfection of Water Mains.

F. When all tests on the water main have been successfully completed and the main has been disinfected, the main will be placed in service by the City. No further Work on the main or its valves shall be permitted without full knowledge and approval of the Work by the City.

3.11 PRESSURE AND LEAKAGE TEST

A. Subject all mains to a pressure and leakage test before connecting to existing mains and before making connections between water mains of differing pipe materials.

B. Test each valve-to-valve section separately. If Contractor elects to test more than one valve-to-valve section, the allowable leakage for the test will be based upon the shortest valve to valve section in the test

C. For Mains of PVC Pipe Material: Perform in accordance with AWWA C605 and the following:
1. Isolate main from adjacent existing main and new main of differing pipe materials, and apply pressure by pumping clean water from a sterilized container into the main via 1 inch corporation stops.
2. Test pressure shall be 150 psi, unless valves in existing mains are involved within section of new main being tested, in which case test pressure may be 100 psi if the City determines that the older existing valves may not seal properly; and shall not vary by more than +5 psi.
3. Start pressure test in an afternoon and keep pressure on for 18 hours, and then maintain test pressure for an additional 2 hours by pumping water from the container into the main.
4. At the end of the 2 hour period, measure the water used.
5. Loss by leakage shall not exceed that as determined by the following formula:

$$L = \frac{ND\sqrt{P}}{7{,}400}$$

L = allowable leakage (gal/hr)
N = # joints in pipe tested
D = nominal dia. of pipe
P = avg test pressure

6. When testing against closed metal-seated valves, allow an additional leakage per closed valve of 0.0078 gallons/hour/inch of nominal valve size.
7. When hydrants are in test section, perform test with closed hydrant valves.
8. Pressure test at each side of intermediate valves at this time by shutting each valve, exhausting the pressure on one side, and applying the test pressure of 150 psi or more to the main on the opposite side of the valve for approximately 10 minutes as determined by the City. Repeat this procedure for each intermediate valve.

D. If main and valves do not pass the leakage test, locate and repair the leak or leaks and repeat testing procedure until successful. Repair visible leaks regardless of the amount of leakage.

E. Pressure and leakage testing is responsibility of Contractor, who shall provide all materials, labor, and equipment, and pay for the total volume of water used.

F. For Fire Lines (Water Mains) of Ductile Iron Pipe Material: The City will oversee testing. Perform in accordance with AWWA C600 and the following:
1. Isolate mains lines from adjacent existing main and new main of differing pipe materials, and apply pressure by pumping clean water from a sterilized container into the main via 1 inch corporation stops.
2. Test pressure shall be 200 psi, unless valves in existing mains are involved within section of new main being tested, in which case test pressure may be 100 psi if OWNER determines that the older existing valves may not seal properly; and shall not vary by more than +5 psi.
3. Start pressure test in an afternoon and keep pressure on for 18 hours, and then maintain test pressure for an additional 2 hours by pumping water from the container into the main.
4. At the end of the 2 hour period, measure the water used.
5. Loss by leakage shall not exceed that as determined by the following formula:

$$L = \frac{SD\sqrt{P}}{148{,}000}$$

L = allowable leakage (gal/hr)
S = length of pipe tested
D = nominal dia. of pipe
P = avg test pressure

6. When testing against closed metal-seated valves, allow an additional leakage per closed valve of 0.0078 gallons/hour/inch of nominal valve size.
7. When hydrants are in test section, perform test with closed hydrant valves.
8. Pressure test at each side of intermediate valves at this time by shutting each valve, exhausting the pressure on one side, and applying the test pressure of 150 psi or more to the main on the opposite side of the valve for approximately 10 minutes as determined by ENGINEER. Repeat this procedure for each intermediate valve.

3.12 DISINFECTION

A. Disinfect water mains after successful pressure and leakage tests; follow Standard Details for Disinfection of Water Mains.

B. Make connections between new mains of differing pipe materials prior to disinfection.

C. Disinfection - General:
1. Provide corporation stops required for exhausting air, for samples for testing of chlorine residual, and for chlorine solution injection.
2. Exhaust air at fire hydrants and at bacteria sampling and flushing assemblies.
3. Tests for chlorine residual will be performed by the City.
4. Manipulate existing valves so strong chlorine solution in the main being treated will not flow back into the mains supplying the water. Operation of existing valves will be by the City.
5. After the applicable retention period thoroughly flush the main out with potable water from the distribution system until the main has approximately the same chlorine content as water in the existing system.
6. Properly dispose of heavily chlorinated water. Provide required neutralizing chemical to neutralize the chlorine residual.
7. Mains Less Than 24 Inches in Diameter: Use the tablet method or continuous feed method.
8. Mains 24 Inches in Diameter And Larger: Use the slug method.
9. Perform bacteriological tests after disinfection, and before a main is placed in service.

D. Tablet Method:
1. Provide an average chlorine dose of 25 mg/l by placing calcium hypochlorite granules or 5 gram tablets in main as it is being installed.
2. Place granules at upstream end of first pipe section, at the upstream end of each branch main and at 500 foot intervals in the following quantities based on pipe diameter:

PIPE DIAMETER (INCHES)	CALCIUM HYPOCHLORITE GRANULES (OUNCES)
4	1.7
6	3.8
8	6.7
10	10.5
12	15.1
14 and Larger	D**15.1

Where D is the inside pipe dia. In feet – D=d/12

3. Place tablets in each pipe section, with number of tablets determined by the formula (0.0012 * d² * L) rounded to the next highest integer, where "d" is the nominal inside diameter of pipe in inches, and "L" is the length of pipe section in feet, and place 1 tablet in each hydrant, hydrant branch, and other appurtenance. Attach tablets using a USDA approved food grade adhesive on only the side attached and at the inside top of the pipe upon pipe installation, and with approximately equal number of tablets at each end of a given pipe length.
4. Fill main with potable water such that water within the main will flow at a velocity no greater than 1 fps.
5. Take precautions as necessary to ensure air pockets are eliminated.
6. Keep water in pipe at least 24 hours, except if water temperature is less than 41 degrees F, then keep water in pipe at least 48 hours. A detectable chlorine residual should be found at each sampling point after the 24 hour period.

E. Continuous Feed Method:
1. Exhaust all air in main and flush main as thorough as possible with water pressure and outlets available. If no hydrant is installed at end of main, provide a tap large enough to develop a minimum 2.5 fps velocity in main. Disinfection can be accomplished by injecting a 1 percent chlorine solution into the main at a point not more than 10 feet downstream from beginning of new main. Pump potable water for the injector for delivering the 1 percent chlorine solution from a clean and sterile container. Control flow of water from the existing distribution system or other approved potable water source so as to flow slowly into new main during chlorine application, with rate of chlorine application in such proportion to the rate of water entering the main that the solution of clean water and chlorine in the main will have 25 mg/l minimum free chlorine.
2. Keep the solution in the main for 24 hours, during which time all valves and hydrants in the treated section shall be operated to ensure disinfection of appurtenances.
3. At the end of the 24 hour period, the treated water in all portions of the main shall have a residual of not less than 10 mg/l free chlorine.

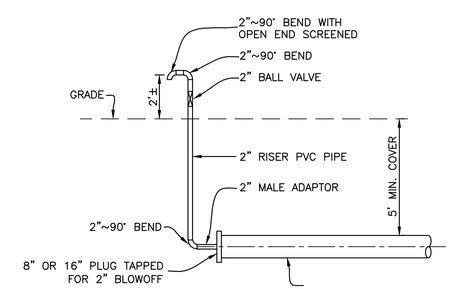
F. Slug Method:
1. Place calcium hypochlorite granules in main during construction.
2. Fill the main slowly and completely and exhaust all air.
3. Flush to remove particulates.
4. Flow a slug of water with 100 mg/l chlorine concentration slowly through main so the main and its appurtenances will be exposed to the highly chlorinated water for minimum 3 hours. If at any time the free chlorine residual in the slug drops below 50 mg/l, stop the flow, relocate the chlorination equipment at the head of the slug, and as flow is resumed, apply chlorine to restore the free chlorine in the slug to minimum 100 mg/l.
5. Operate valves and hydrants as the chlorinated water flows past to disinfect appurtenances and pipe branches.

G. Bacteriological Tests:
1. At least two samples taken at 24 hour intervals shall show the water to be safe
2. At least one set of samples shall be collected from every 1200 feet of new water main, plus one set from the end of the main and at least one set from each branch.
3. Before taking a sample, allow the water to flow from the sampling point for at least 1 minute. Use bleach solution, or approved, as specified by AWWA to kill all bacteria. Nothing should be allowed to touch the lip or top of the sample bottle while the sample is being taken. No hose or fire hydrant shall be used in the collection of samples.
4. If bacteriological tests show the water to be safe, the main may be placed in service in accordance with Article 3.6.
5. If bacteriological tests show the water to be unsafe, the main shall be completely disinfected again by Contractor, at no additional cost to the City.

3.13 COMPLETION OF TESTS

A. When all tests on the water main have been successfully completed, main will be placed in service by the City

B. No further Work on the main, valves, hydrants, and appurtenances will be permitted without full knowledge of the Work by the City.



BLOWOFF DETAIL
N.T.S.

RECORD CONSTRUCTION 8/06/24

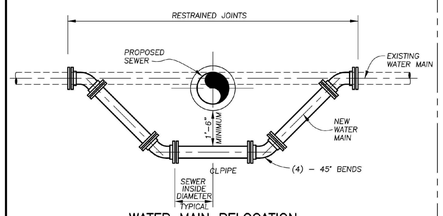
3/9

10E08554

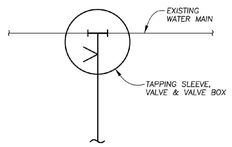
© 2024 FELLER, FINCH & ASSOC., INC.

WATERMAIN GENERAL NOTES FOUNTAIN POINT VILLAS

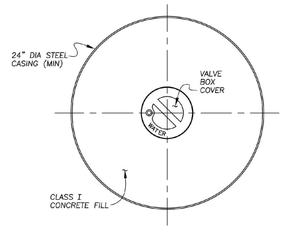
FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING:30-08554WP00A1AE



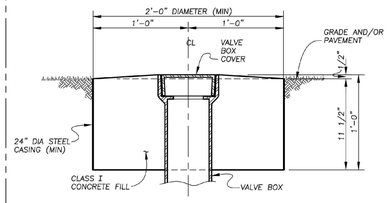
WATER MAIN RELOCATION
UNDER PROPOSED SEWER (TYPICAL)
3/8" = 1'-0"



CONNECTION TO EXISTING WATER MAIN
NO SCALE

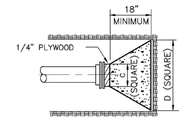


PLAN



SECTION

WATER VALVE BOX
ENCASEMENT DETAIL
1 1/2" = 1'-0"



PLAN & ELEVATION

PLUGS

TYPE	SIZE	PLUGS C	PLUGS D
2000 PSF SOIL	6" *	10"	24"
	8"	12"	32"
	10"	14"	40"
	12"	16"	47"
	14"	18"	54"
	16"	20"	61"
	20"	24"	74"
	24"	28"	88"

*6" OR LESS

NOTE
BASED ON 150 PSI STATIC PRESSURE.
ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND.

THRUST BLOCKING DETAIL
NO SCALE

DEAD END	LENGTHS OF RESTRAINED PIPE
8"	60'
12"	100'
16"	120'

FITTINGS	LENGTHS OF RESTRAINED PIPE FOR LARGER PIPE
REDUCER	
8" X 4"	60'
8" X 6"	40'
12" X 6"	80'
12" X 8"	60'

FITTINGS	LENGTHS OF RESTRAINED PIPE FOR TEE BRANCH
TEE	
8" X 6"	60'
8" X 8"	60'
12" X 6"	60'
12" X 8"	60'
12" X 12"	100'
16" X 8"	60'
16" X 12"	100'
16" X 16"	120'

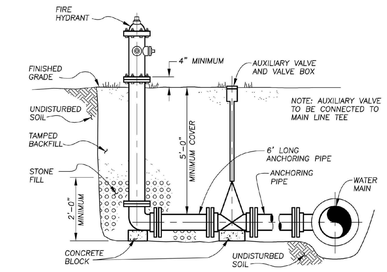
FITTINGS	LENGTHS OF RESTRAINED PIPE EACH SIDE OF BEND
HORIZONTAL BEND	
8" 11 1/4°	20'
8" 22 1/2°	20'
8" 45°	40'
8" 90°	80'
12" 11 1/4°	20'
12" 22 1/2°	20'
12" 45°	60'
12" 90°	120'
16" 11 1/4°	20'
16" 22 1/2°	40'
16" 45°	60'
16" 90°	140'

FITTINGS	LENGTHS OF RESTRAINED PIPE EACH SIDE OF BEND
VERTICAL BEND (UP)	
8" 11 1/4°	20'
8" 22 1/2°	20'
8" 45°	40'
8" 90°	40'
12" 11 1/4°	20'
12" 22 1/2°	20'
12" 45°	60'
12" 90°	120'
16" 11 1/4°	20'
16" 22 1/2°	40'
16" 45°	60'
16" 90°	140'

FITTINGS	LENGTHS OF RESTRAINED PIPE EACH SIDE OF BEND
VERTICAL BEND (DOWN)	
8" 11 1/4°	20'
8" 22 1/2°	40'
8" 45°	60'
8" 90°	120'
12" 11 1/4°	20'
12" 22 1/2°	40'
12" 45°	80'
12" 90°	160'
16" 11 1/4°	40'
16" 22 1/2°	60'
16" 45°	100'
16" 90°	240'

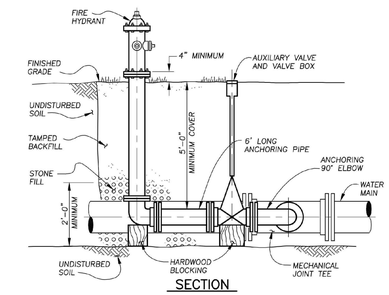
RESTRAIN ALL JOINTS WITHIN THE INDICATED DISTANCES FOR THE FITTINGS DESCRIBED.

RESTRAINED JOINTS TABLE
BASED ON 150 PSI STATIC PRESSURE



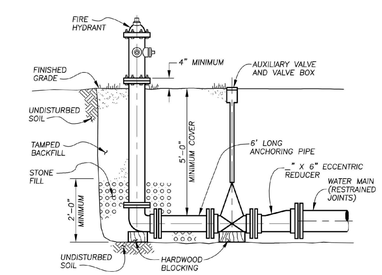
SECTION

HYDRANT PERPENDICULAR TO WATER MAIN DETAIL
1/2" = 1'-0"



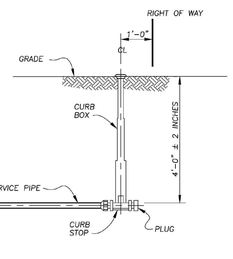
SECTION

HYDRANT PARALLEL TO WATER MAIN DETAIL
1/2" = 1'-0"



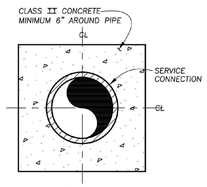
SECTION

HYDRANT AT END OF WATER MAIN DETAIL
1/2" = 1'-0"



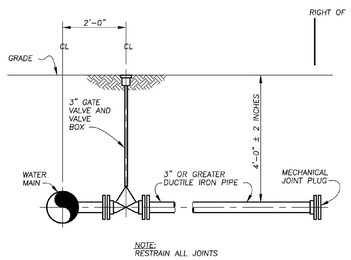
SECTION

TYPICAL 2" OR LESS SERVICE CONNECTION
1/2" = 1'-0"



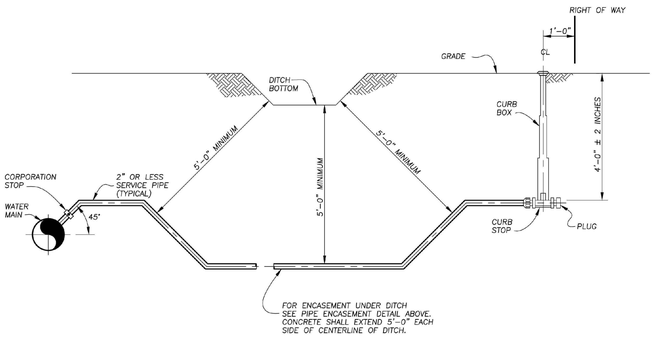
SECTION

CONCRETE PIPE ENCASEMENT
NO SCALE



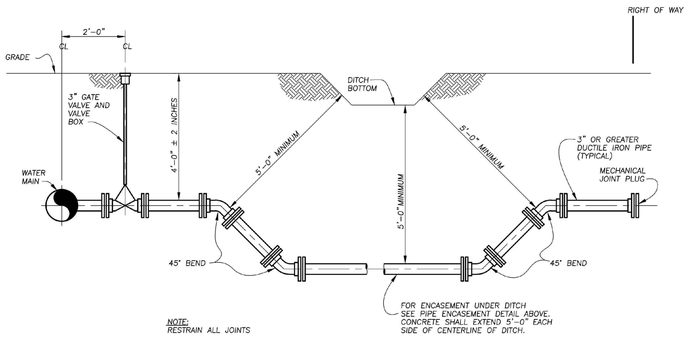
SECTION

TYPICAL 3" OR GREATER SERVICE CONNECTION
1/2" = 1'-0"



SECTION

TYPICAL 2" OR LESS SERVICE CONNECTION BELOW DITCH
1/2" = 1'-0"



SECTION

TYPICAL 3" OR GREATER SERVICE CONNECTION BELOW DITCH
1/2" = 1'-0"

REVISED

PAVEMENT AND WATER MAIN
STANDARD DETAILS
CITY OF PERRYSBURG, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF WATER

RECORD CONSTRUCTION 8/06/24

4
9

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

70002023.6001\PERW2ET1

WATERMAIN GENERAL NOTES FOUNTAIN POINT VILLAS

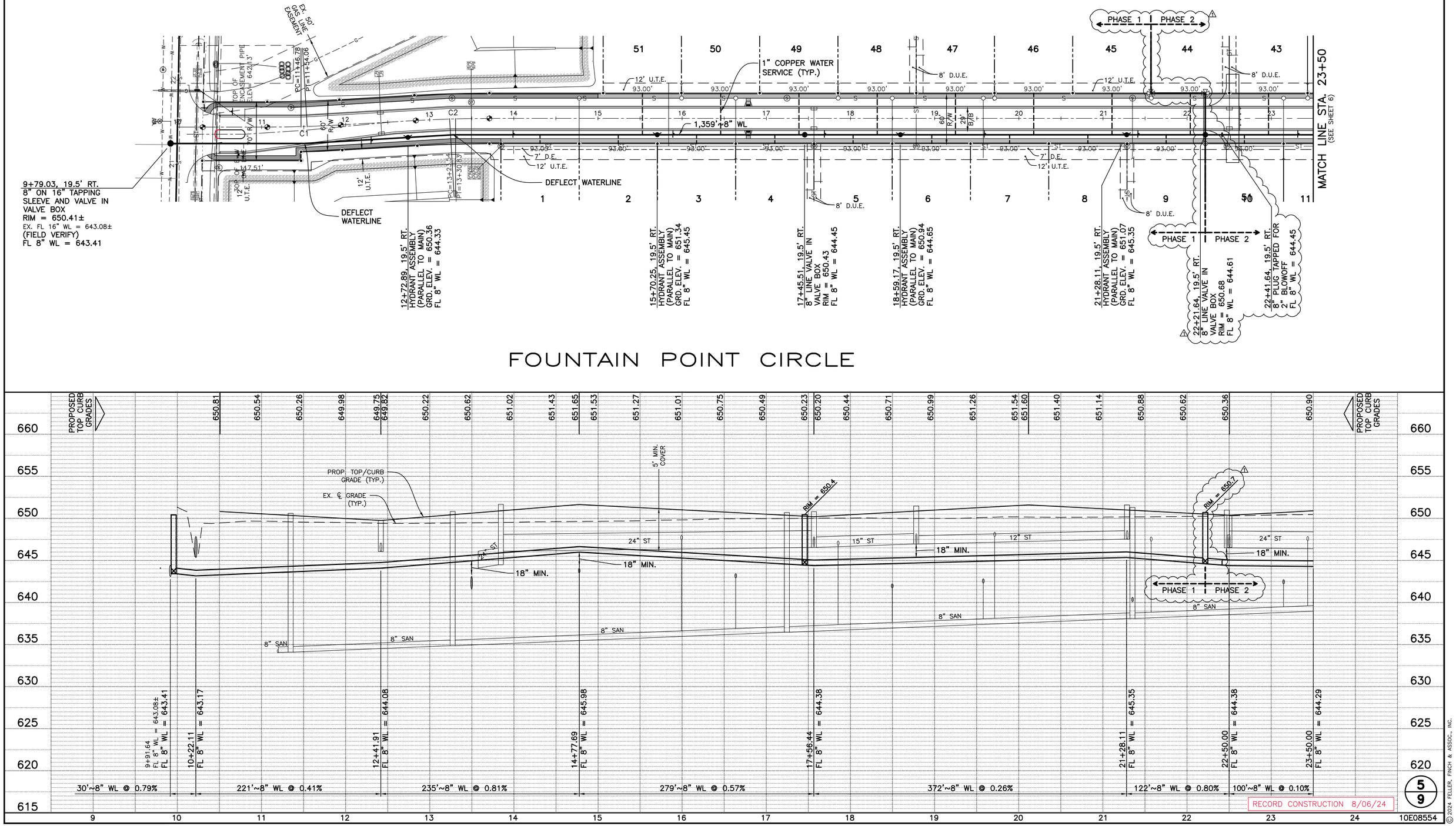
CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C1	7.29'	125.00'	3°20'23"	S 01°27'24" E	7.28'
C2	7.29'	125.00'	3°20'23"	N 01°27'24" W	7.28'

EASEMENT ABBREVIATIONS
D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

NORTH
SCALE: 1" = 50'
0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
1 WATER REV.	8.10.22	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING50-08554WP00A1A6



FOUNTAIN POINT CIRCLE

5/9

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

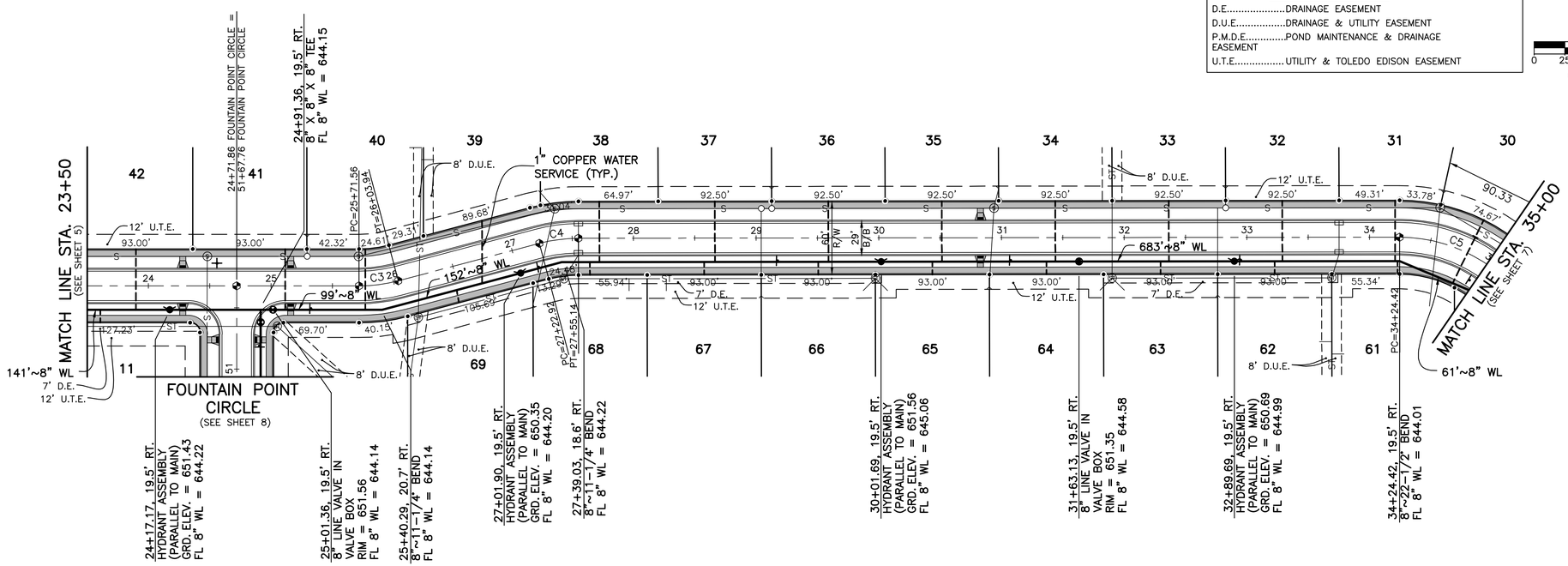
WATERMAIN FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

EASEMENT ABBREVIATIONS	
D.E.	DRAINAGE EASEMENT
D.U.E.	DRAINAGE & UTILITY EASEMENT
P.M.D.E.	POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.	UTILITY & TOLEDO EDISON EASEMENT

NORTH
SCALE: 1" = 50'

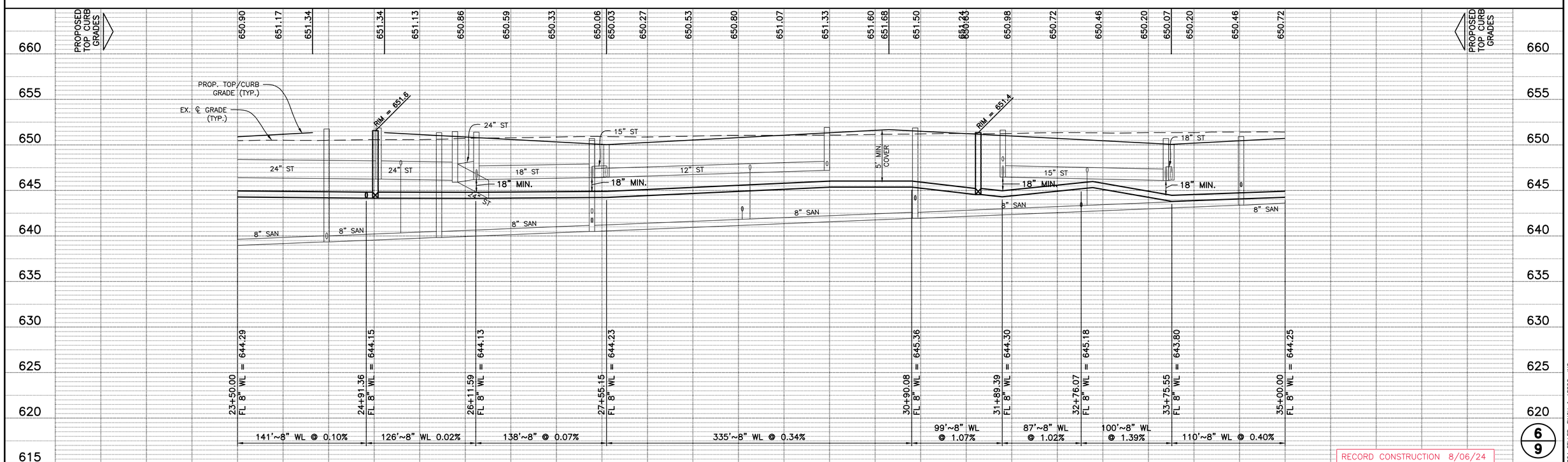
0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.		
REVISION	DATE	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING50-08554WP00A1A6



CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C3	32.38'	125.00'	14°50'32"	S 07°12'29" E	32.29'
C4	32.22'	125.00'	14°46'01"	S 07°14'45" E	32.13'
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'

FOUNTAIN POINT CIRCLE



6/9

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

WATERMAIN FOUNTAIN POINT CIRCLE FOUNTAIN POINT VILLAS

NORTH
SCALE: 1" = 50'

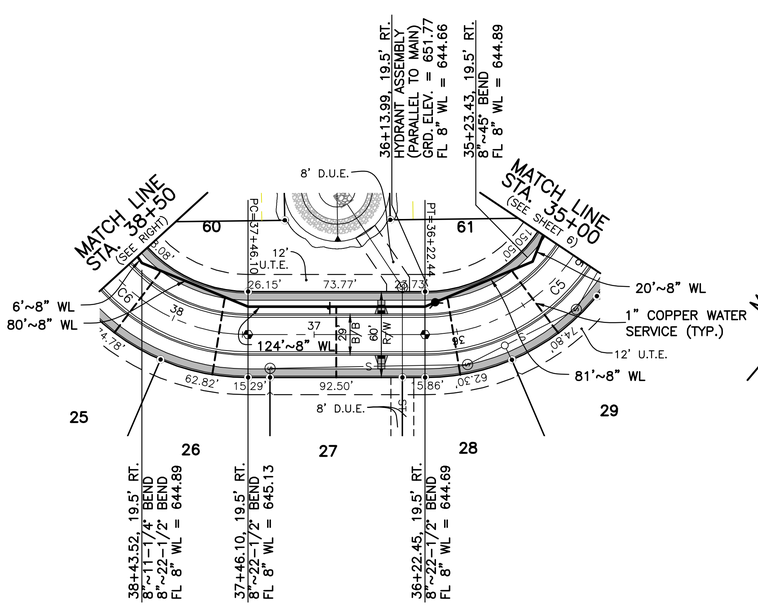
CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C5	198.02'	125.00'	90°46'02"	N 45°31'17" E	177.96'
C6	194.84'	125.00'	89°18'29"	S 44°26'27" E	175.71'
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'

EASEMENT ABBREVIATIONS
D.E.....DRAINAGE EASEMENT
D.U.E.....DRAINAGE & UTILITY EASEMENT
P.M.D.E.....POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E.....UTILITY & TOLEDO EDISON EASEMENT

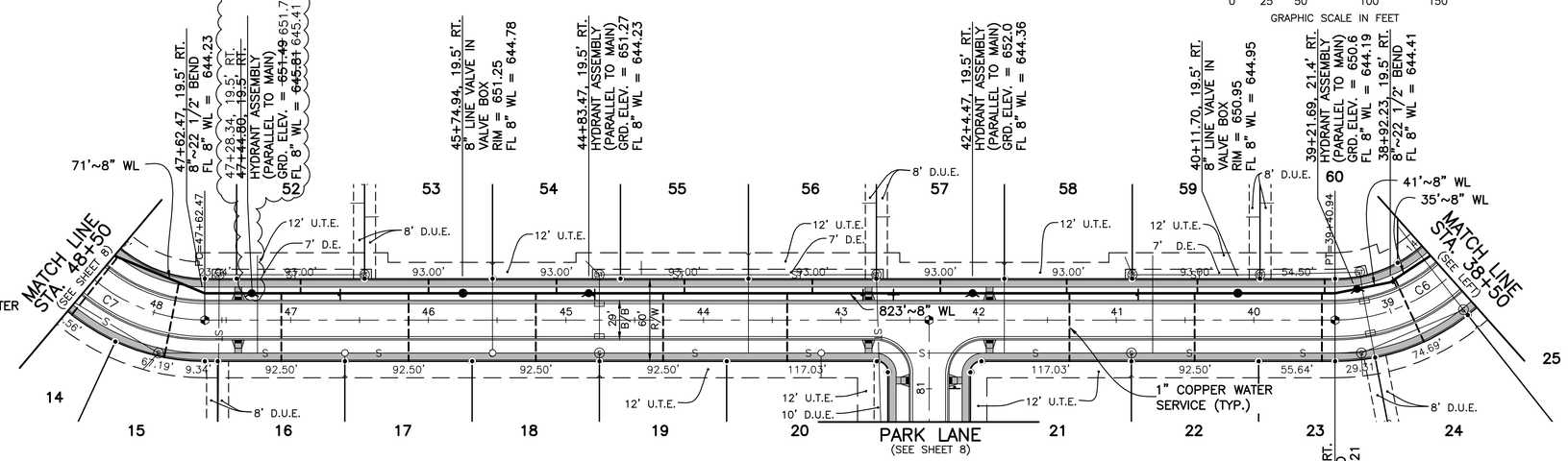
NORTH
SCALE: 1" = 50'
0 25 50 100 150
GRAPHIC SCALE IN FEET

FELLER, FINCH & ASSOCIATES, INC.

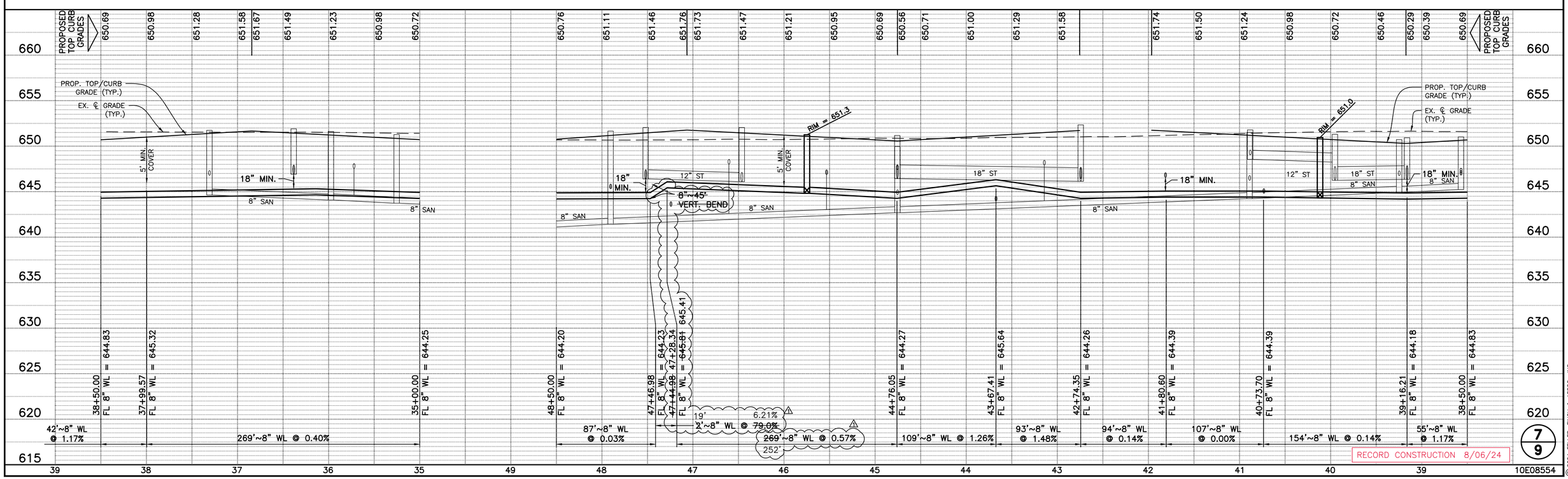
REVISION	DATE	
1 WATER REV.	8.10.22	DESIGN BY: ZTB
		DRAWN BY: LTR
		DATE: 5-31-22
		CHK'D BY: GNF
		DRAWING:50-08554WP00A1A6



FOUNTAIN POINT CIRCLE



FOUNTAIN POINT CIRCLE



7/9

© 2024 FELLER, FINCH & ASSOC., INC.

10E08554

WATERMAIN FOUNTAIN POINT CIRCLE FIVE POINT VILLAS

NORTH
SCALE: 1" = 50'

FELLER, FINCH & ASSOCIATES, INC.	
REVISION / DATE	DESIGN BY: ZTB
	DRAWN BY: LTR
	DATE: 5-31-22
	CHK'D BY: GNF
	DRAWING50-08554WP00A1A6

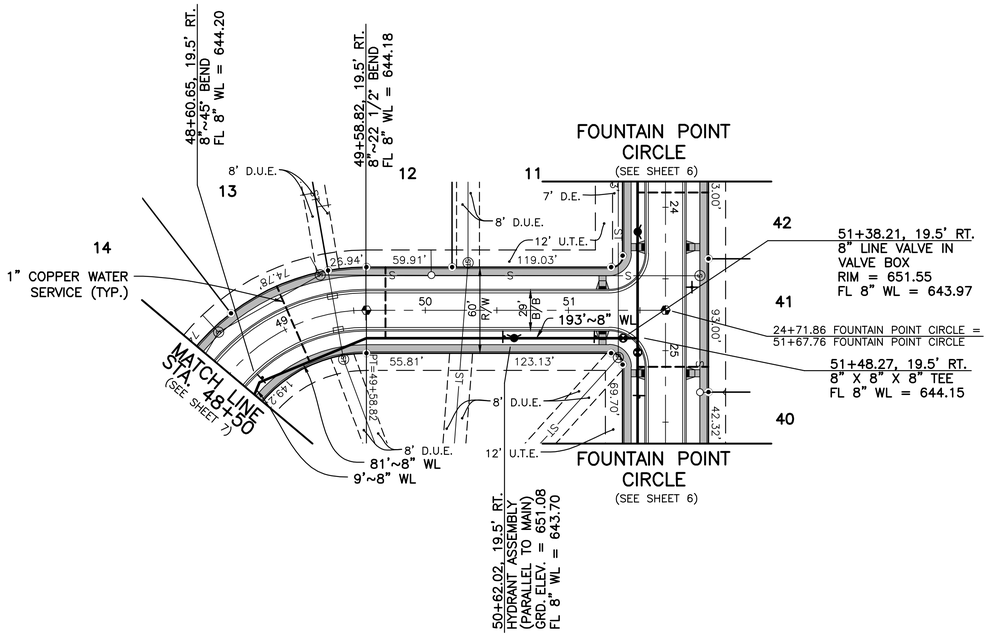
EASEMENT ABBREVIATIONS

D.E. ..... DRAINAGE EASEMENT
D.U.E. ..... DRAINAGE & UTILITY EASEMENT
P.M.D.E. ..... POND MAINTENANCE & DRAINAGE EASEMENT
U.T.E. ..... UTILITY & TOLEDO EDISON EASEMENT

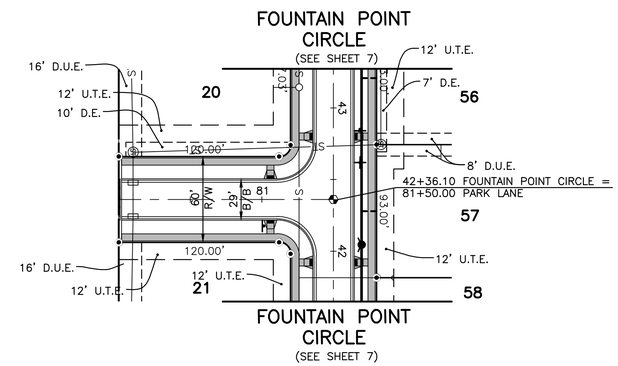
NORTH
SCALE: 1" = 50'

0 25 50 100 150
GRAPHIC SCALE IN FEET

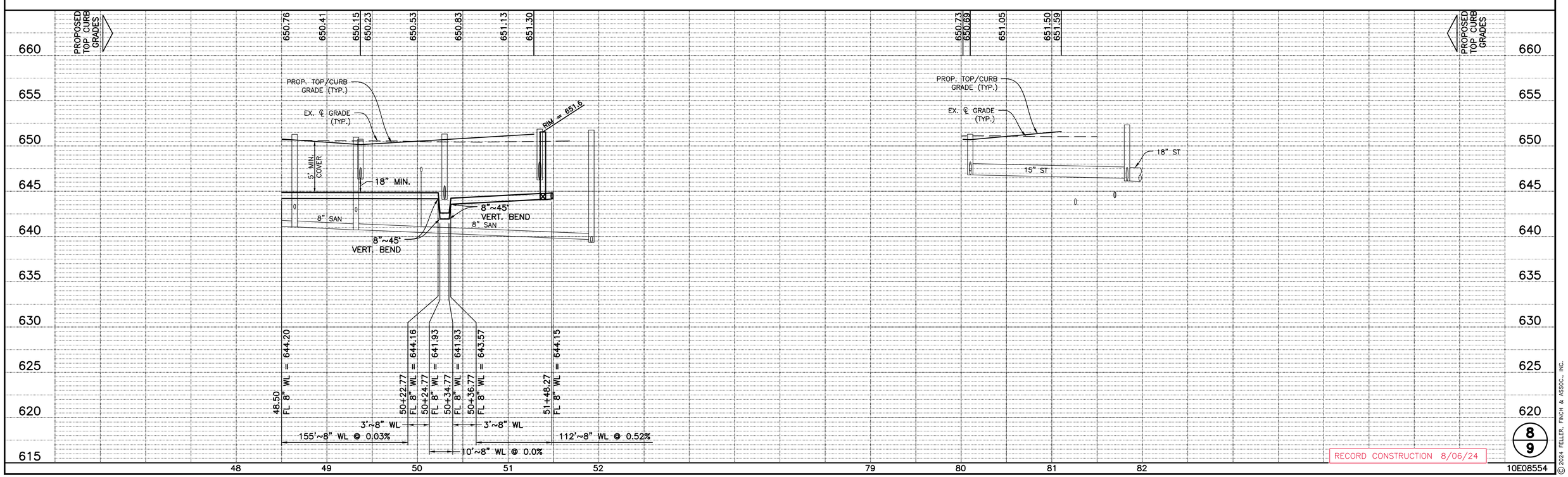
CENTERLINE CURVE DATA					
CURVE	ARC LENGTH	RADIUS	CENTRAL ANGLE	CHORD BEARING	CHORD LENGTH
C7	196.35'	125.00'	90°00'00"	S 45°12'47" W	176.78'



FOUNTAIN POINT CIRCLE



PARK LANE



RECORD CONSTRUCTION 8/06/24

8/9

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

WATERMAIN FOUNTAIN POINT CIRCLE & PARK LANE FIVE POINT VILLAS

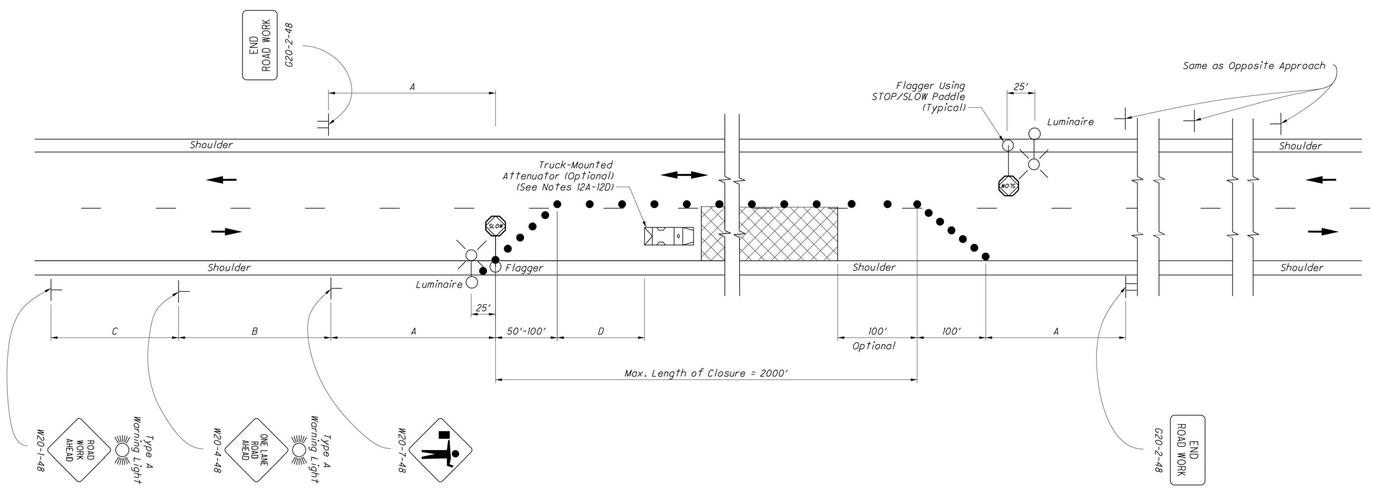


TABLE I (SIGN SPACING)

ROAD TYPE	DISTANCE BETWEEN SIGNS (FT)		
	A	B	C
Two-Lane (< 40 MPH)	100	100	100
Two-Lane (45-50 MPH)	350	350	350
Two-Lane (55-60 MPH)	500	500	500

TABLE II

SPEED LIMIT (MPH)	BUFFER (D) (FT) MIN.
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570

LEGEND

- WORK AREA
- DRUMS/CONES
- DIRECTION OF TRAVEL
- SHADOW VEHICLE

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.

STANDARD HIGHWAY CONSTRUCTION DRAWING

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

CHIEF ENGINEER: Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR: Reynaldo Stargell

REVISION DATE: 07-18-2014

SCD NUMBER: **MT-97.10**

1 / 2

NOTES:

FLAGGERS

1. Flaggers, one for each direction, shall be used to control traffic continuously for as long as a one lane operation is in effect. The flaggers shall be able to communicate with each other at all times.

LENGTH OF CLOSURE

2. Several small work areas close together should be combined into one work zone. However, the closure shall not be more than 2000' long unless approved by the Engineer. The minimum length between closures shall be 2000'. Only one side of the road shall be closed in any one work zone.

SIGN LOCATION AND SPACING

3A. The minimum spacing between work zone signs is shown in Table I. Maximum spacing should not be greater than 1.5 times the distances shown in Table I.

3B. Sign spacing should be adjusted to avoid conflict with existing signs. Minimum spacing to existing signs shall be 200' for speeds of 45 mph or less and a minimum of 400' for speeds of 50 mph or greater.

3C. The location of the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

ADJUSTMENTS FOR SIGHT DISTANCE

4. The location of the flagger station and the advance warning signs should be adjusted to provide for adequate sight distance for the existing vertical and horizontal roadway alignment.

BASIC SIGNING

5A. ROAD WORK AHEAD (W20-1) signs shall be provided on entrance ramps or roadways entering the work limits.

5B. END ROAD WORK (G20-2) signs are only required for lane closures of more than 1 day. It is intended that these signs be placed on the mainline, on all exit ramps, and on roadways exiting the work limits.

5C. Overlapping of signing for adjacent projects should be avoided where the messages could be confusing. Any ROAD WORK AHEAD (W20-1) or END ROAD WORK (G20-2) sign which falls within the limits of another traffic control zone shall be omitted or covered during the period when both projects are active.

SIGNING DETAILS

6A. The Advisory Speed (W13-1P) plaque shall be used when specified in the plan.

6B. 36" warning signs may be used when the approach speed limit is 40 mph or less.

FLASHING WARNING LIGHTS

7. Type A flashing warning lights shown on the ROAD WORK AHEAD (W20-1) signs and on the LANE CLOSED AHEAD (W20-5) signs are required whenever a night lane closure is necessary.

DRUMS / CONES

8A. Drum spacing shall be as follows:

a) Spacing along the closure shall be 40' center-to-center.
b) Spacing along the approach taper shall be 10' center-to-center.

8B. Cones may be substituted for drums as follows:

a) Cones used for daytime traffic control shall have a minimum height of 28".
b) Cones used for nighttime traffic control shall have a minimum height of 42".
c) Use of cones at night shall be prohibited along tapers.

8C. Provisions shall be made to stabilize the cones and drums to prevent them from blowing over.

8D. A minimum of two drums shall be used to close the paved shoulder.

(RESERVED FOR FUTURE USE)

9A. (intentionally blank)

AREA ILLUMINATION

10A. Adequate area illumination of each flagger station shall be provided at night. Use of portable flood lighting is acceptable. Luminaires shall be located adjacent to each flagger station.

10B. To ensure the adequacy of floodlight placement and the elimination of glare, the Contractor and the Engineer shall drive through the worksite each night when the lighting is in place. Light placement and shielding shall be adjusted to the satisfaction of the Engineer.

INTERSECTION / DRIVEWAY ACCESS

11. Within the length of closure, provision shall be made to control traffic entering from intersecting streets and major drives as necessary to prevent wrong-way movements and to keep vehicles off of new pavement not ready for traffic. The Contractor shall:

a) Place across the closed lane, either three drums (cones) or barricades, and/or
b) Provide an additional flagger at every public street intersection and major driveway.

Drums (cones) placed across the closed lane shall be located 25' beyond the projected pavement edges of the driveway or cross highway, as shown in Standard Construction Drawings (SCDs MT-97.11 or MT-97.12. For barricades, see SCD MT-101.60.

Existing STOP signs shall be relocated as necessary to assure proper location for the traffic conditions.

The method of control shall be subject to the approval of the Engineer.

SHADOW VEHICLE

12A. The shadow vehicle shall be in place and unoccupied whenever workers are in the work area. This vehicle shall be removed from the pavement whenever workers are not in the work area.

12B. The shadow vehicle shall be equipped with a high-intensity yellow rotating, flashing, oscillating, or strobe light(s).

12C. The vehicle shall be equipped with a truck-mounted attenuator when called for in the plans.

12D. Other protective devices may be used in lieu of the shadow vehicle shown when approved by the Engineer.

CHIP SEAL OPERATIONS

13. For chip seal operations, additional signing shall be incorporated in the advanced warning area.

a) The LOOSE GRAVEL (W8-7) and FRESH TAR (W21-2) signs shall both be used in advance of the chip seal operation.
b) Repeat the LOOSE GRAVEL sign with a 35 mph Advisory Speed (W13-1) plaque every half mile per CMS 422.09.
c) The FRESH TAR and the LOOSE GRAVEL signs shall both be used for signing of side roads intersecting the work area.

THIS DRAWING REPLACES MT-97.10 DATED 07-19-2013.

STANDARD HIGHWAY CONSTRUCTION DRAWING

FLAGGER CLOSING 1 LANE OF A 2-LANE HIGHWAY - STATIONARY OPERATION

OFFICE OF ROADWAY ENGINEERING

CHIEF ENGINEER: Soisson

STATE OF OHIO DEPARTMENT OF TRANSPORTATION ADMINISTRATOR: Reynaldo Stargell

REVISION DATE: 07-18-2014

SCD NUMBER: **MT-97.10**

2 / 2

FELLER, FINCH & ASSOCIATES, INC.

REVISION	DATE	
DESIGN BY:	ZTB	
DRAWN BY:	LTR	
CHKD BY:	SJ	
DATE:	3-17-2	

DRAWING-SCD-MT-97.10

WATERLINE MAINTENANCE OF TRAFFIC FOUNTAIN POINT VILLAS

RECORD CONSTRUCTION 8/06/24

9 / 9

10E08554

© 2024 FELLER, FINCH & ASSOC., INC.

TO: Mayor Mackin
President Fuller
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Ordinance 110-2025

DATE: October 7, 2025

Subject Matter/Background

This Ordinance formally approves the continued operation of the Designated Outdoor Refreshment Area (DORA) in Downtown Perrysburg, as originally established five years ago, under Ordinance 7-2020 and amended by Ordinance 33-2022, in accordance with Ohio Revised Code (ORC) Section 4301.82.
Under ORC 4301.82, municipalities that establish DORA are required to conduct a review of its operations at least once every five years to determine whether it should continue or be dissolved.
The City of Perrysburg has completed this required review, including input from public safety officials, law enforcement, local businesses, and community members. The findings confirm that the City's current DORA operation has functioned effectively to enhance the downtown experience and provide a safe and controlled environment for outdoor alcohol consumption.

Financial Review

Authorization of this Ordinance will support further economic growth for the City.

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

First Reading – 10/7/2025
Second Reading – 10/21/2025
Third Reading and Vote – 11/4/2025

If City Council is in agreement, after the 3rd reading, a motion to suspend the rules and pass this legislation as an emergency to allow DORA to remain in operation without interruption for the benefit of the public and local economy is appropriate.

ORDINANCE 110-2025

AN ORDINANCE CONDUCTING A FIVE-YEAR REVIEW OF THE DESIGNATED OUTDOOR REFRESHMENT AREA AND APPROVING CONTINUED OPERATION IN SPECIFIED PUBLIC AREAS OF DOWNTOWN PERRYSBURG; AND DECLARING AN EMERGENCY

WHEREAS, pursuant to Ohio Revised Code ("ORC") Section 4301.82, the City of Perrysburg established a Designated Outdoor Refreshment Area ("DORA") within specified public areas of Downtown Perrysburg, which City Council approved via Ordinance 7-2020 (and later amended by Ordinance 33-2022); and,

WHEREAS, ORC Section 4301.82(I)(1) requires that the legislative authority of a municipal corporation that has created a DORA conduct a review of the operation of the area not less than every five (5) years after its creation, by resolution, and either approve the continued operation of the area or dissolve it; and,

WHEREAS, the City Administration and this Council have reviewed the operation of the DORA over the past five years, including input from the law enforcement, public safety officials, local businesses, and members of the public, and finds that the DORA has operated in a manner consistent with its intended purpose, has promoted economic development, and has enhanced the vibrancy of the Downtown area; and,

WHEREAS, the City has provided the necessary notice of its intent to approve the continued operation of the DORA as provided under ORC Section 4301.82(I)(1); and,

WHEREAS, City Council desires to approve the continued operation of the DORA and affirm the existing regulations governing its use.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

Section 1. Having reviewed the requirements of the DORA as established by Ordinance 7-2020 (and later amended by Ordinance 33-2022), this Council approves the continued operation of a Downtown Perrysburg Designated Outdoor Refreshment Area comprised of the area depicted in the Application attached to Ordinance 7-2020 (and later amended by Ordinance 33-2022).

Section 2. The DORA approved herein shall be operated as set forth in the Application attached to Ordinance 7-2020 (and later amended by Ordinance 33-2022), or as it may be amended from time to time, with the approval of this Council.

Section 3. This Council finds and determines that all public notice requirements of Revised Code Section 4301.82(I)(1) have been met prior to the passage of this Ordinance.

Section 4. The Clerk of Council is hereby authorized to forward a copy of this Ordinance to both the Ohio Division of Liquor Control and to the Investigative Unit of the Ohio Department of Public Safety, all in accordance with Ohio Revised Code Section 4301.82.

Section 5. This Council finds and determines that all formal actions of this Council and any of its committees concerning and relating to the passage of this Ordinance were taken in an open meeting of this Council or its committees, and that all deliberations of this Council and any of its committees that resulted in those formal actions were in meetings open to the public, all in compliance with the law.

Section 6. This Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to provide for the renewal of the Downtown Perrysburg Designated Outdoor Refreshment Area in a timely manner, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

_____
President of Council

_____
Mayor

PASSED: _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

ORDINANCE 7-2020

AN ORDINANCE CREATING A DESIGNATED OUTDOOR REFRESHMENT AREA FOR DOWNTOWN PERRYSBURG AND ENACTING REGULATIONS

WHEREAS, effective April 30, 2017, a municipality with a population of less than thirty-five thousand is permitted to create a Designated Outdoor Refreshment area ("DORA") pursuant to the provisions of Section 4301.82 of the Ohio Revised Code; and,

WHEREAS, on June 12, 2020, the Mayor submitted an application to Council for approval of a DORA in a specified section of the City of Perrysburg, comprised of approximately 3.18 acres and commencing on the south side of Front Street and proceeding south on Louisiana, stopping at the north side of the railroad tracks, and proceeding west along Third Street to the east side of Walnut Street and including a portion of Burlingwood and more particularly described in Exhibit A attached hereto and made a part hereof; and,

WHEREAS, pursuant to Section 4301.82(C) of the Ohio Revised Code, notice of the filing of the DORA Application was published in a newspaper of general circulation in the City on July 22, 2020 and July 29, 2020; and,

WHEREAS, a public hearing on the application was held on August 10, 2020 during which public testimony was solicited; and,

WHEREAS, Section 4301.82(F)(1) requires the City to establish requirements that the City determines necessary to ensure public health and safety in the area and Section 4301.82(F)(2) of the Ohio Revised Code provides for notice of this proposed action to be published in a newspaper of general circulation once a week for two consecutive weeks, such notice having been published on August 7, 2020 and August 14, 2020 in the Sentinel Tribune and August 12, 2020 in the Perrysburg Messenger Journal; and,

WHEREAS, the DORA Application as submitted, to include the premises of the permit holders, located at the street addresses on Exhibit B attached hereto and made a part hereof, meets the requirements of Section 4301.82(B)(1-5) of the Ohio Revised Code, it being further clarified that the boundary of the DORA includes the premises of the permit holders located at the street addresses listed in Exhibit B attached hereto; and,

WHEREAS, approval of the Designated Outdoor Refreshment Area will serve to enhance the experience of the patrons of the business establishments and special events within Downtown Perrysburg.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. City Council approves the DORA Application as having met the requirements of Section 4301.82(B)(1-5) of the Ohio Revised Code, and approves the establishment of a Downtown Perrysburg Designated Outdoor Refreshment Area comprised of the area as depicted on Exhibit A attached hereto and made a part hereof, such area to include and encompass the premises of the permit holders located at the street addresses

listed on Exhibit B, as is required to included pursuant to Section 4301.82(F)(1)(a) of the Ohio Revised Code.

SECTION 2. Council determines that all public notice requirements of section 4301.82 of the Ohio Revised Code prior to the passage of this Ordinance have been met.

SECTION 3. In order to ensure public health and safety and in accordance with Section 4301.82(F)(1)(b) of the Ohio Revised Code, the number, spacing, and type of signage designating the DORA boundary shall be similar to those as set forth on Exhibit C, attached hereto and made a part hereof; signage shall be found to be in compliance with the Perrysburg Codified Ordinances and subject to final approval by the Historic Landmarks Commission.

SECTION 4. The DORA encompasses not fewer than four (4) qualified permit holders, all of which are identified on Exhibit B, attached hereto and made a part hereof, by business name, address, liquor permit type and liquor permit number. The hours of operation for selling a DORA beverage shall be 12:00 p.m. to 10:00 p.m. with all DORA beverages to be consumed no later than 11:00 p.m. in accordance with Section 4301.82(F)(1)(c). The hours of the DORA may be subject to modification and/or suspension during special events occurring within the DORA boundaries upon reasonable notice provided by the Director of Public Safety or the Chief of Police to the public. Additionally, if during special events, if the Director of Public Safety or the Chief of Police determine that additional law enforcement support is necessary within the DORA boundaries, the cost of the additional law enforcement shall be borne by the permit holders equally.

SECTION 5. The Public Health & Safety Plan as described in Exhibit D, attached hereto and made a part hereof, is hereby approved as meeting the requirements of Section 4301.82(F)(1)(d) of the Ohio Revised Code, including the manner in which the number of personnel needed to carry out the plan shall be determined.

SECTION 6. The Sanitation Plan that will help maintain the appearance and public health of the area as described in Exhibit E, attached hereto and made a part hereof, is hereby approved as meeting the requirements of Section 4301.82(F)(1)(e) and 4301.82(F)(1)(f) of the Ohio Revised Code, including the manner in which the number of personnel needed to carry out the plan shall be determined. In the event that the City determines it necessary to provide additional refuse collection over and above what is normal and customary, the cost of such pickup shall be borne by the permit holders equally.

SECTION 7. As is required by Section 4301.82(F)(1)(g) of the Ohio Revised Code, beer and intoxicating liquor shall only be served in plastic bottles or other plastic containers, which are no larger than sixteen (16) ounces, shall be provided by the qualified permit holders in a readily-identified container that identifies the name of the establishment that is serving the beverage, as approved by the City's Police Department.

SECTION 8. Prior to the commencement of the DORA, the applicants shall create a corporation or limited liability company responsible for DORA activities including, but not limited to the placement, maintenance and replacement of signage, purchase of DORA authorized containers, acquisition of liability insurance coverage, monitoring of safety and

sanitation operations, and the maintenance of the same in cooperation with City Administration. City Council shall review the requirements of the DORA, as established herein, one year from the effective date of this Ordinance, to determine whether to continue the DORA under the same or modified terms and conditions, or to dissolve it according to statutory provisions.

SECTION 9. The Clerk of Council is hereby instructed to forward a copy of this Ordinance to the Ohio Division of Liquor Control and to the investigative unit of the Ohio Department of Public Safety, in accordance with Ohio Revised Code §§4301.82(C) and 4301.82 (F)(3).

SECTION 10. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 11. This Ordinance shall be in full force and effect at the earliest time permitted by law.

President of Council

Mayor

PASSED 9/1/2020

ATTEST:

APPROVED: 9/1/2020

LAURA E. ALKIRE
LAW DIRECTOR

EXHIBIT A
BOUNDARIES OF THE DESIGNATED OUTDOOR REFRESHMENT AREA

Third Street
Louisiana Avenue
Second Street
Front Street
D
Google

EXHIBIT B
PERMIT HOLDERS

Section 12. Qualifying establishments participating in DORA

ORC 4301.82 (B)(3)
Evidence of Four Qualified Permits

A DORA requires no fewer than four qualified permit holders. The following liquor establishments have committed to the proposed DORA. (See attached Liquor Licenses)

- Suburban Bottle LLC
  218 Louisiana Ave.

- Casa Barron
  Wetbar Inc.
  207, 209, 211 Louisiana Ave.

- Rose and Thistle
  S W Tebbetts Inc.
  203 Louisiana Ave.

- Swig
  Prime Ventures LLC
  219 Louisiana, Ave.

- Stella's
  Lahey Holdings LLC
  104 Louisiana Ave.

The Downtown liquor establishments believe in running our businesses with integrity and responsibility. We employ many individuals, contribute to the tax base, contribute heavily to charitable organizations of the community, support the schools and numerous events throughout the community. We believe that our missions have been, and will continue to be, in alignment and commitment to other leaders and organizations of the community. Our visions and thoughts are in alignment with others in the community that welcome and encourage change. For life is a constant change, and if a commitment to change is not evident, we cease to prosper and grow. We believe this commitment is in accordance with the P3 project instituted by the city a few years ago. Louisiana Avenue is the anchor to the city.

DOLC DP 30 Rev 6/15

STATE OF OHIO

DEPARTMENT OF COMMERCE
DIVISION OF LIQUOR CONTROL

PERMIT NUMBER	CODE	DATE ISSUED	EXPIRATION DATE
8694768	TREX	06-01-2019	06-01-2020

THIS CERTIFICATE IS VALID ONLY BETWEEN THE DATE ISSUED AND EXPIRATION DATE APPEARING HEREIN. IT MAY BE USED ONLY BY THE NAMED HOLDER AT THE LOCATION FOR WHICH ISSUED.

THE PERSON NAMED HEREIN IS AUTHORIZED TO SELL OR DISPENSE ALCOHOLIC BEVERAGES WITH ALCOHOLIC CONTENT PERMITTED BY LAW FOR THE PERMITS DESIGNATED BELOW.

THIS CERTIFICATE AND/OR EACH TYPE OF PERMIT REPRESENTED IS SUBJECT TO SUSPENSION, REVOCATION OR CANCELLATION AS AUTHORIZED BY TITLE XLIII OF THE REVISED CODE.

THIS CERTIFIES THAT

SUBURBAN BOTTLE LLC
DBA SUBURBAN BOTTLE
218 LOUISIANA AVE 1ST FL
PERRYSBURG OH 43551

IS THE HOLDER OF PERMIT OR PERMITS DESIGNATED BELOW

87 WOOD 187 PERRYSBURG 03-11-2019 F022001

CODE	PERMIT TYPE	$ VALUE
D1	BEER ONLY FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	
D2	WINE AND CERTAIN PRE-PACKAGED DRINKS FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	
D3	SPIRITUOUS LIQUOR FOR ON PREMISES CONSUMPTION ONLY UNTIL ONE A.M.	
D6	SALE OF INTOXICATING LIQUOR ON SUNDAY	
	ADDITIONAL INFORMATION: D6 PRIVILEGES ON AND OFF PREMISES BETWEEN THE HOURS OF 11AM AND MIDNIGHT	
	TOTAL	$

PUR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP

PERMITS AUTHORIZED BY SECTIONS 4303.02 TO 4303.232, INCLUSIVE OF THE REVISED CODE

TRANSFERRED 08-30-2019
PREVIOUS PERMIT NUMBER 9948260-0001
PENALTY

4301.66 Obstructing search of premises prohibited. No person shall hinder or obstruct any agent or employee of the division of liquor control, any enforcement agent of the department of public safety, or any officer of the law, from making inspection or search of any place, other than a bona fide private residence, where beer or intoxicating liquor is possessed, kept, sold, or given away.

Sheryl Maxfield
DIRECTOR OF COMMERCE

James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

DOLC DP 30 Rev 6 15

STATE OF OHIO

DEPARTMENT OF COMMERCE
DIVISION OF LIQUOR CONTROL

PERMIT NUMBER	CODE	DATE ISSUED	EXPIRATION DATE
7647566	REN	06-01-2019	06-01-2020

THIS CERTIFICATE IS VALID ONLY BETWEEN THE DATE ISSUED AND EXPIRATION DATE APPEARING HEREIN. IT MAY BE USED ONLY BY THE NAMED HOLDER AT THE LOCATION FOR WHICH ISSUED.

THE PERSON NAMED HEREIN IS AUTHORIZED TO SELL OR DISPENSE ALCOHOLIC BEVERAGES WITH ALCOHOLIC CONTENT PERMITTED BY LAW FOR THE PERMITS DESIGNATED BELOW.

THIS CERTIFICATE AND/OR EACH TYPE OF PERMIT REPRESENTED IS SUBJECT TO SUSPENSION, REVOCATION OR CANCELLATION AS AUTHORIZED BY TITLE XLIII OF THE REVISED CODE.

THIS CERTIFIES THAT

S W TEBBETTS INC
DBA THE ROSE & THISTLE
203 LOUISIANA AVE 1ST FL
PERRYSBURG OHIO 43551

IS THE HOLDER OF PERMIT OR PERMITS DESIGNATED BELOW

87 WOOD 187 PERRYSBURG 05-16-2019 C036619

CODE	PERMIT TYPE	$ VALUE
D1	BEER ONLY FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	376.00
D2	WINE AND CERTAIN PRE-PACKAGED DRINKS FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	564.00
D3	SPIRITUOUS LIQUOR FOR ON PREMISES CONSUMPTION ONLY UNTIL ONE A.M.	750.00
	TOTAL	$
	PUR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP	1,690.00

PERMITS AUTHORIZED BY SECTIONS 4303.02 TO 4303.232, INCLUSIVE OF THE REVISED CODE

TRANSFERRED _____
PREVIOUS PERMIT NUMBER _____
PENALTY _____

4301.66 Obstructing search of premises prohibited. No person shall hinder or obstruct any agent or employee of the division of liquor control, any enforcement agent of the department of public safety, or any officer of the law, from making inspection or search of any place, other than a bona fide private residence, where beer or intoxicating liquor is possessed, kept, sold, or given away.

Sheryl Maxfield
DIRECTOR OF COMMERCE

James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

05-17-2019

DOLC DP 30 Rev 6 15

DIVISION OF LIQUOR CONTROL
PERMITTEE IDENTIFICATION CARD

PERMIT NUMBER	DATE ISSUED
7647566	06-01-2019

EXPIRATION DATE	PERMIT CLASSES	CODE
06-01-2020	D1 D2 D3	REN

S W TEBBETTS INC
DBA THE ROSE & THISTLE
203 LOUISIANA AVE 1ST FL
PERRYSBURG OHIO 43551

AUTHORIZED AGENT(S)

NAME _____
ADDRESS _____
NAME _____
ADDRESS _____
NAME _____
ADDRESS _____

Sheryl Maxfield

DOLC DP 30 Rev 6/15

STATE OF OHIO

DEPARTMENT OF COMMERCE

DIVISION OF LIQUOR CONTROL

PERMIT NUMBER	CODE	DATE ISSUED	EXPIRATION DATE
7085815	REN	06-01-2019	06-01-2020

THIS CERTIFICATE IS VALID ONLY BETWEEN THE DATE ISSUED AND EXPIRATION DATE APPEARING HEREIN. IT MAY BE USED ONLY BY THE NAMED HOLDER AT THE LOCATION FOR WHICH ISSUED.

THE PERSON NAMED HEREIN IS AUTHORIZED TO SELL OR DISPENSE ALCOHOLIC BEVERAGES WITH ALCOHOLIC CONTENT PERMITTED BY LAW FOR THE PERMITS DESIGNATED BELOW.

THIS CERTIFICATE AND/OR EACH TYPE OF PERMIT REPRESENTED IS SUBJECT TO SUSPENSION, REVOCATION OR CANCELLATION AS AUTHORIZED BY TITLE XLIII OF THE REVISED CODE

THIS CERTIFIES THAT

PRIME VENTURES LLC
DBA SWIG
219 LOUISIANA 1ST FL & PATIO
PERRYSBURG OH 43551

IS THE HOLDER OF PERMIT OR PERMITS DESIGNATED BELOW

87 WOOD 187 PERRYSBURG 05-07-2019 C033651

CODE	PERMIT TYPE	$ VALUE
D1	BEER ONLY FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	376.00
D2	WINE AND CERTAIN PRE-PACKAGED DRINKS FOR ON PREMISES CONSUMPTION AND IN SEALED CONTAINERS FOR CARRY OUT	564.00
D3	SPIRITUOUS LIQUOR FOR ON PREMISES CONSUMPTION ONLY UNTIL ONE A.M.	750.00
D3A	EXTENSION OF ISSUED PERMIT PRIVILEGES UNTIL TWO THIRTY A.M.	938.00
D6	SALE OF INTOXICATING LIQUOR ON SUNDAY	500.00
	ADDITIONAL INFORMATION: D6 PRIVILEGES ON AND OFF PREMISES BETWEEN THE HOURS OF 11AM AND MIDNIGHT	
	TOTAL	$ 3,128.00
	PUR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP.	

PERMITS AUTHORIZED BY SECTIONS 4303.02 TO 4303.232, INCLUSIVE OF THE REVISED CODE

TRANSFERRED _____
PREVIOUS PERMIT NUMBER _____
PENALTY _____

4301.66 Obstructing search of premises prohibited. No person shall hinder or obstruct any agent or employee of the division of liquor control, any enforcement agent of the department of public safety, or any officer of the law, from making inspection or search of any place, other than a bona fide private residence, where beer or intoxicating liquor is possessed, kept, sold, or given away.

Sheryl Maxfield
DIRECTOR OF COMMERCE

James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

05-08-2019

DOLC DP 30 Rev 6/15

STATE OF OHIO

DEPARTMENT OF COMMERCE
DIVISION OF LIQUOR CONTROL

9544593	REN	06-01-2019	06-01-2020
PERMIT NUMBER	CODE	DATE ISSUED	EXPIRATION DATE

THIS CERTIFICATE IS VALID ONLY BETWEEN THE DATE ISSUED AND EXPIRATION DATE APPEARING HEREIN. IT MAY BE USED ONLY BY THE NAMED HOLDER AT THE LOCATION FOR WHICH ISSUED.

THE PERSON NAMED HEREIN IS AUTHORIZED TO SELL OR DISPENSE ALCOHOLIC BEVERAGES WITH ALCOHOLIC CONTENT PERMITTED BY LAW FOR THE PERMITS DESIGNATED BELOW.

THIS CERTIFICATE AND/OR EACH TYPE OF PERMIT REPRESENTED IS SUBJECT TO SUSPENSION, REVOCATION OR CANCELLATION AS AUTHORIZED BY TITLE XLIII OF THE REVISED CODE.

THIS CERTIFIES THAT

WETBAR INC
DBA CASA BARRON
1ST FL & PARTIAL 2ND FL & PATIOS
207-09-11 LOUISIANA AVE
PERRYSBURG OHIO 43551

IS THE HOLDER OF PERMIT OR PERMITS DESIGNATED BELOW

87 WOOD 187 PERRYSBURG 05-17-2019 C037859

CODE	PERMIT TYPE	$ VALUE
D5	SPIRITUOUS LIQUOR FOR ON PREMISES CONSUMPTION ONLY, BEER AND WINE FOR ON PREMISES, AND OFF PREMISES IN ORIGINAL SEALED CONTAINERS, UNTIL TWO THIRTY A.M.	2,344.00
D6	SALE OF INTOXICATING LIQUOR ON SUNDAY	500.00

ADDITIONAL INFORMATION:
D6 PRIVILEGES ON AND OFF PREMISES
BETWEEN THE HOURS OF 10AM AND MIDNIGHT

TOTAL $ 2,844.00

PUR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP

PERMITS AUTHORIZED BY SECTIONS 4303.02 TO 4303.232, INCLUSIVE OF THE REVISED CODE

TRANSFERRED _____
PREVIOUS PERMIT NUMBER _____
PENALTY _____

4301.66 Obstructing search of premises prohibited. No person shall hinder or obstruct any agent or employee of the division of liquor control, any enforcement agent of the department of public safety, or any officer of the law, from making inspection or search of any place, other than a bona fide private residence, where beer or intoxicating liquor is possessed, kept, sold, or given away.

Sheryl Maxfield
DIRECTOR OF COMMERCE
James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

05-21-2019

DOLC DP 30 Rev 6/15

DIVISION OF LIQUOR CONTROL
PERMITTEE IDENTIFICATION CARD

9544593	06-01-2019	
PERMIT NUMBER	DATE ISSUED	
06-01-2020	D5 D6	REN
EXPIRATION DATE	PERMIT CLASSES	CODE

WETBAR INC
DBA CASA BARRON
1ST FL & PARTIAL 2ND FL & PATIOS
207-09-11 LOUISIANA AVE
PERRYSBURG OHIO 43551

AUTHORIZED AGENT(S)

NAME _____
ADDRESS _____
NAME _____
ADDRESS _____
NAME _____
ADDRESS _____

Sheryl Maxfield
DIRECTOR OF COMMERCE
James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

UR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP
MAY PURCHASE BEVERAGES AS INDICATED ABOVE

DOLC DP 30 Rev 6/15

STATE OF OHIO

DEPARTMENT OF COMMERCE
DIVISION OF LIQUOR CONTROL

PERMIT NUMBER	CODE	DATE ISSUED	EXPIRATION DATE
4970315	REN	06-01-2019	06-01-2020

THIS CERTIFICATE IS VALID ONLY BETWEEN THE DATE ISSUED AND EXPIRATION DATE APPEARING HEREIN. IT MAY BE USED ONLY BY THE NAMED HOLDER AT THE LOCATION FOR WHICH ISSUED.

THE PERSON NAMED HEREIN IS AUTHORIZED TO SELL OR DISPENSE ALCOHOLIC BEVERAGES WITH ALCOHOLIC CONTENT PERMITTED BY LAW FOR THE PERMITS DESIGNATED BELOW.

THIS CERTIFICATE AND/OR EACH TYPE OF PERMIT REPRESENTED IS SUBJECT TO SUSPENSION, REVOCATION OR CANCELLATION AS AUTHORIZED BY TITLE XLIII OF THE REVISED CODE.

THIS CERTIFIES THAT

LAHEY HOLDINGS LLC
DBA STELLAS RESTAURANT AND BAR
104 LOUISIANA & PATIO
PERRYSBURG OH 43551

IS THE HOLDER OF PERMIT OR PERMITS DESIGNATED BELOW

87 WOOD 187 PERRYSBURG 05-10-2019 C035388

CODE	PERMIT TYPE	$ VALUE
D5	SPIRITUOUS LIQUOR FOR ON PREMISES CONSUMPTION ONLY, BEER AND WINE FOR ON PREMISES, AND OFF PREMISES IN ORIGINAL SEALED CONTAINERS, UNTIL TWO THIRTY A.M.	2,344.00
D6	SALE OF INTOXICATING LIQUOR ON SUNDAY	500.00
	ADDITIONAL INFORMATION: D6 PRIVILEGES ON AND OFF PREMISES BETWEEN THE HOURS OF 10AM AND MIDNIGHT	
	TOTAL	$
	PUR SPRT LQUR FROM AGY# 627 DBA PAUKEN WINE SHOP	2,844.00

PERMITS AUTHORIZED BY SECTIONS 4303.02 TO 4303.232, INCLUSIVE OF THE REVISED CODE

TRANSFERRED _____
PREVIOUS PERMIT NUMBER _____
PENALTY _____

4301.66 Obstructing search of premises prohibited. No person shall hinder or obstruct any agent or employee of the division of liquor control, any enforcement agent of the department of public safety, or any officer of the law, from making inspection or search of any place, other than a bona fide private residence, where beer or intoxicating liquor is possessed, kept, sold, or given away.

Sheryl Maxfield
DIRECTOR OF COMMERCE

James V. Canepa
SUPERINTENDENT OF LIQUOR CONTROL

05-13-2019

EXHIBIT C
NUMBER, SPACING, AND TYPE OF SIGNAGE DESIGNATING BOUNDARY OF THE DESIGNATED OUTDOOR REFRESHMENT AREA

Section 4. Signage designating the DORA

4301.82 (f) (1) (b)

The Committee will work with the City of Perrysburg on design, placement and number of signs. We propose that the signs be of a similar nature that is currently used by the City. A color designation of the DORA that is different from customary signage colors, if permissible by the City, may be desirable to call attention to the rules and area. We have developed sample signs for consideration. (See attached.)

Proposed placement of signs (see attached map):

Two (2) "DORA ENTRANCE" signs on both sides of Louisiana facing North at Front Street.
Two (2) "DORA CUPS NOT PERMITTED PAST THIS POINT" signs on both sides of Louisiana facing South at Front Street.

One (1) "DORA ENTRANCE" sign facing East at Second Street and Louisiana on the East side of Second Street.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing West at Second Street and Louisiana on the East side of Second Street.
One (1) "DORA ENTRANCE" sign facing West at Second Street and Louisiana on the West side of Second Street.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing East at Second Street and Louisiana on the West side of Front Street.

Two (2) "DORA ENTRANCE" signs at Louisiana and the North side of railroad tracks facing South on both sides of Louisiana.
Two (2) "DORA CUPS NOT PERMITTED PAST THIS POINT" signs at Louisiana and the North side of the railroad tracks facing North on both sides of Louisiana.

Two (2) "DORA ENTRANCE" signs facing West on West Third Street and Walnut Street. One each on the North and South sides of West Third Street at Walnut.
Two (2) "DORA CUPS NOT PERMITTED PAST THIS POINT" signs facing East on West Third Street at Walnut Street. One each on the North and South sides of West Third Street at Walnut

One (1) "DORA ENTRANCE" sign facing East at Front and Louisiana on the South side of Front Street.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing East at Front and Louisiana on the South side of Front Street.
One (1) "DORA ENTRANCE" sign facing West at Front and Louisiana on the South side of Front Street.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing West at Front and Louisiana on the South side of Front Street.

One (1) "DORA ENTRANCE" sign facing East at all alleys intersecting with Louisiana Ave. on the East side of Louisiana between the South side of Front Street and the North side of the railroad tracks.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing West at all alleys intersecting with Louisiana Ave. on the East side of Louisiana between the South side of Front Street and the North side of the railroad tracks.
One (1) "DORA ENTRANCE" sign facing West at all alleys intersecting with Louisiana Ave. on the West side of Louisiana between the South side of Front Street and the North side of the railroad tracks.
One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing East at all alleys intersecting with Louisiana Ave. on the West side of Louisiana between the South side of Front Street and the North side of the railroad tracks.

One (1) "DORA CUPS NOT PERMITTED PAST THIS POINT" sign facing East on Burlingwood at the end of the building of Inside The Five Brewery.

In addition to street signage, there will also be window signage (with the appropriate approval from the City) created to notify patrons of the liquor establishments permitted to sell DORA cups.

Similar signs will be created to notify patrons of the businesses (non-liquor establishments) who have chosen to allow DORA cups on their premise.

Signs will be created detailing the rules and boundaries of the DORA, to be displayed inside the establishments where DORA cups are sold.

EXHIBIT D
PUBLIC HEALTH AND SAFETY PLAN

Section 6. Public safety in the DORA

ORC 4301.82 (B) (5) and 4301.82 (F) (I)(d)

Public safety in our community is of the utmost concern to our committee, as many of us are not only business owners but also residents. We expect all patrons to follow the rules and boundaries, just as they do today. Concerns that a DORA would somehow encourage unsafe, illegal or improper behavior are unwarranted, based on input from local DORA communities (see attached letters), and based upon the current actions witnessed on a daily basis.

Of the six establishments petitioning for a DORA, four are first and foremost restaurants. These businesses operate at approximately 70% in food sales and 30% in alcohol sales. The wine shop features a retail portion in addition to on-premise wine tastings.

Each liquor establishment would continue to monitor behavior of guests inside and outside of their locations. Most of the liquor establishments have security cameras on their premises. Our Committee will be in contact with the local authorities to ensure conduct is favorable and is willing to re-evaluate the DORA if such conduct proves otherwise.

The downtown area is currently more than adequately patrolled by the Perrysburg Police Department. Although there is not a specific number of patrol times mandatory for each shift, very few incidents are reported in the proposed DORA. Current laws in place curtail incidents from happening (e.g. age restrictions, patio boundaries, disorderly conduct). In addition, the current speed limit in the proposed DORA is 25 MPH and a safe speed for all pedestrians.

Based on input from other local DORA communities, and the Perrysburg Chief of Police, we do not anticipate an increase in incidences nor the need for increased patrols on typical days. Special events already require additional patrols, and the expense is covered by the event organizers. Therefore, a DORA would not cause

an increase to taxpayers with respect to police patrols.

In short, as liquor permit holders, it is our responsibility to educate our patrons on the rules and boundaries of the DORA, and monitor their behavior inside and around our premises. It is the responsibility of the patron to abide by those rules.

EXHIBIT E
SANITATION PLAN

Section 9. Sanitation Plan of the DORA

ORC 43801.82 (B) (S) and (F)(I)(E) and (F)(I) (f)

The Perrysburg Sanitation Department does an excellent job maintaining the refuse containers on a regular basis and after special events. Per the sanitation employees, refuse is currently scheduled to be picked up three days a week. The majority of the time, most containers do not require to be emptied all three days due to lack of refuse. (Containers are not emptied until necessary.) There are ample trash containers spaced throughout the downtown to adequately handle all current amount of waste.

In addition, the existing retail and service establishments police their businesses and keep the outside areas clean by sweeping the sidewalks, picking up litter and animal excrement, and washing the sidewalks if necessary.

When special events are held that increase the amount of trash, such as the Farmers Market, Memorial Day Parade, Harrison Rally Day, etc... many businesses will take the time to empty overflowing containers and dispose of the bags in their dumpster and replace the bag.

In speaking with other DORA areas, the volume of cups sold varies from 25 to a few hundred per week per establishment depending upon weather, events and time of year. In a typical week, the current number of trash containers located in downtown Perrysburg is sufficient. Based on the current low amount of trash, we do not anticipate the addition of DORA cups to warrant increased sanitation crews or scheduled trash container maintenance.

Under consideration is the addition of trash containers located near DORA boundary exits to make it convenient for customers to dispose of their cups prior to leaving the area. The DORA Committee will be observant of the trash containers and stay in contact with the Sanitation Department to address any concerns.

Section 10. Sample DORA cup

The DORA cups will be sourced and paid for by the liquor establishments permitted to sell DORA cups. The cups will hold no more than 16 oz. and include the approved logo, rules, hours and boundaries, if possible.

See attached sample of cup.

ORDINANCE 33-2022

AN ORDINANCE EXPANDING THE DESIGNATED OUTDOOR REFRESHMENT AREA FOR DOWNTOWN PERRYSBURG AND ENACTING REGULATIONS AND DECLARING AN EMERGENCY

WHEREAS, ORC §4301.82 defines the rules and regulations for the creation and expansion of a Designated Outdoor Refreshment Area within a Municipality (DORA); and,

WHEREAS, on March 23, 2022, the Mayor submitted an application to Council for approval of an expansion of the Downton DORA as described in Exhibit A; and,

WHEREAS, pursuant to Section 4301.82(C) of the Ohio Revised Code, notice of the
filing of the expanded DORA Application was published in a newspaper of general circulation in the City on April 11, 2022 and April 18, 2022; and,

WHEREAS, a public hearing on the application was held on May 2, 2022 during which public testimony was solicited; and,

WHEREAS, approval of an expanded Downtown DORA will serve to enhance the experience of the patrons of the business establishments and special events within Downtown Perrysburg.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. City Council approves the Application to Expand the Downtown DORA as having met the requirements of Section 4301.82(B)(1-5) of the Ohio Revised Code, and approves the expansion of a Downtown Perrysburg Designated Outdoor Refreshment Area comprised of the area as depicted on Exhibit A attached hereto and made a part hereof, such area to include and encompass the specific boundary areas, including streets on Exhibit A, as is required to included pursuant to Section 4301.82(F)(1)(a) of the Ohio Revised Code.

SECTION 2. Council determines that all public notice requirements of section 4301.82 of the Ohio Revised Code prior to the passage of this Ordinance have been met.

SECTION 3. In order to ensure public health and safety and in accordance with Section 4301.82(F)(1)(b) of the Ohio Revised Code, the number, spacing, and

type of signage designating the DORA boundary shall be similar to those as set forth on Exhibit A, attached hereto and made a part hereof.

SECTION 4. The hours of operation for selling a DORA beverage shall be 12:00 p.m. to 10:00 p.m. with all DORA beverages to be consumed no later than 11:00 p.m. in accordance with Section 4301.82(F)(1)(c). The hours of the DORA may be subject to modification and/or suspension during special events occurring within the DORA boundaries upon reasonable notice provided by the Director of Public Safety or the Chief of Police to the public. Additionally, if during special events, if the Director of Public Safety or the Chief of Police determine that additional law enforcement support is necessary within the DORA boundaries, the cost of the additional law enforcement shall be borne by the special event organizer.

SECTION 5. The Public Health & Safety Plan as described in Exhibit A, attached hereto and made a part hereof, is hereby approved as meeting the requirements of Section 4301.82(F)(1)(d) of the Ohio Revised Code, including the manner in which the number of personnel needed to carry out the plan shall be determined.

SECTION 6. The Sanitation Plan that will help maintain the appearance and public health of the area as described in Exhibit A, attached hereto and made a part hereof, is hereby approved as meeting the requirements of Section 4301.82(F)(1)(e) and 4301.82(F)(1)(f) of the Ohio Revised Code, including the manner in which the number of personnel needed to carry out the plan shall be determined.

SECTION 7. As is required by Section 4301.82(F)(1)(g) of the Ohio Revised Code, beer and intoxicating liquor shall only be served in plastic bottles or other non-glass containers, which shall be provided by the qualified permit holders in a readily-identified container as approved by the City's Police Department.

SECTION 8. The Clerk of Council is hereby instructed to forward a copy of this Ordinance to the Ohio Division of Liquor Control and to the investigative unit of the Ohio Department of Public Safety, in accordance with Ohio Revised Code §§4301.82(C) and 4301.82 (F)(3).

SECTION 9. It is found and determined that all formal actions of Council concerning or relating to the passage of this Ordinance were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 10. This Ordinance is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the

citizens of the City of Perrysburg, Wood County, Ohio, to provide for the earliest implementation of the expanded Downtown Designated Outdoor Refreshment Area as possible in an effort to increase economic benefits to businesses, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

President of Council

Mayor

PASSED: 5-17-22

ATTEST: Amber Rathburn

APPROVED: 5-17-22

Kathryn Sandretto
LAW DIRECTOR

EXHIBIT A

Application to Expand the Downtown Perrysburg Designated Outdoor Refreshment Area (DORA)

Prepared by

Bridgette Kabat, City Administrator

Kathryn Sandretto, Law Director

Patrick Jones, Chief of Police

Submitted by

Thomas Mackin, Mayor

Submitted on March 23, 2022

Table of Contents

Ohio Revised Code (ORC) Section 4301.82 3
Specific Boundaries of the DORA, Including Street Addresses 3
Signage Designating the DORA 3
Hours of operation for the DORA 4
Public safety in the DORA 4
Sanitation Plan of the DORA 4
DORA Beverage Containers 5
Types of Establishments within the DORA 5
Qualifying Establishments Participating in DORA 5
Evidence of Land Use in Accord with Master Zoning Plan 6
Exhibit A 7
Exhibit B 11
Exhibit C 12
Exhibit D 19
Exhibit E 20
Exhibit F 21
Exhibit G 22

Ohio Revised Code (ORC) Section 4301.82

ORC section 4301.82 has been incorporated into this application as a reference in Exhibit A.

Specific Boundaries of the DORA, Including Street Addresses

ORC 4301.82(B)(1), 4301.82(B)(1)(b), 4301.82(D)(2) and 4301.82(F)(1)(a)

The expanded boundaries of the Downtown DORA are comprised of approximately 53.6 acres commencing on the north side Fifth Street between the east side of Walnut Street and the west side of Elm Street and proceeding north to the south side of Front Street and also including from the south side of Front Street to the Maumee River, along Louisiana Avenue and the City of Perrysburg property and right of way in this section and more particularly described in Exhibit B.

The specific street addresses and parcel numbers within the expanded DORA boundaries are included in Exhibit C.

Signage Designating the DORA

ORC 4301.82 (F)(1)(b)

The City of Perrysburg will place signs and/or pavement decals at specific points leaving the DORA, as indicated on the map in Exhibit D. The Design of the signs and decals will be identical to those already in place within the current DORA, as submitted in Exhibit E.

In addition to street signs and pavement decals, there will continue to be window signage, provided by the liquor permit holders that notify patrons of the liquor establishments permitted to sell DORA beverages.

Similar signs will continue to be used to notify patrons of the businesses (non-liquor establishments) who have chosen to allow DORA cups in their premise.

Signs provided by the liquor permit holders will continue to be used detailing the rules and boundaries of the DORA, to be displayed inside the establishments where DORA cups are sold.

Hours of operation for the DORA

ORC 4301.82 (F)(1)(c)

The current hours of operation for selling a DORA beverage are from 12:00 PM until 10:00 PM, seven days per week. The patron has until 11:00 PM to consume the beverage. The hours of operation will remain the same.

Public safety in the DORA

ORC 4301.82 (B)(5) and 4301.82 (F)(1)(d)

Since the official implementation of the Downtown DORA, the Perrysburg Police Division has addressed all public safety concerns. There have been very few issues with the DORA. The issues that have occurred have centered on violations of the boundaries. Expanding the boundaries, to include areas that are used for events would greatly reduce these instances. Chief Jones is comfortable with the expansion and believes that the expanded DORA can be policed effectively. When events are held on City Property, the event organizer may be required to pay for additional police services. In these instances the additional police staff would be sufficient to handle the influx of people that may attend the event.

The Perrysburg Police Division and the Ohio Investigative Unit will continue to coordinate training with the liquor permit holders on Ohio liquor laws and the rules pertaining to the DORA.

The liquor permit holders, will continue to educate their patrons on the rules and boundaries of the DORA, and monitor their behavior inside and around the premises. Ultimately, it is the responsibility of the patron to abide by those rules.

Sanitation Plan of the DORA

ORC 43801.82 (B)(5) and (F)(1)(e) and (F)(1)(f)

The Perrysburg Department of Public Service will continue to maintain the sanitation of Downtown Perrysburg. The implementation of DORA has not caused a dramatic increase in waste. Additional trash containers may be needed in the expanded boundaries of the DORA and will be put in place by the City of Perrysburg as necessary.

DORA Beverage Containers

ORC 4301.82 (F)(1)(g)

All DORA beverages will be served in an official DORA cup. The DORA cups will continue to be sourced and paid for by the liquor establishments permitted to sell DORA cups. The cups will hold no more than 16 oz. and include the approved logo, rules, hours and boundaries, as approved by the Police Division. A photo of the current DORA cup is contained in Exhibit F.

Types of Establishments within the DORA

ORC 4301.82 (B)(2)

The expanded boundaries of the DORA include retail and service-related businesses. There is a mixture of banks, entertainment, dining, retail, clothing, therapy, attorneys, real estate services, insurance services, media, financial advisors, personal care and institutional. There is support to expand the boundaries of the DORA.

Qualifying Establishments Participating in DORA

ORC 4301.82 (D)(2)

A Municipal Corporation with a population of fifty thousand or less requires at least two qualified permit holders. Perrysburg's population as of the 2020 census is 25,041. The following seven liquor establishments are within the expanded boundaries of the DORA.

5th Street Pub
105 West Fifth Street
Perrysburg, Ohio

Inside the Five
127 West Third Street
Perrysburg, Ohio

PerrysBurgers
220 Louisiana Avenue
Perrysburg, Ohio

Rose and Thistle
203 Louisiana Avenue
Perrysburg, Ohio

Stella's
104 Louisiana Avenue
Perrysburg, Ohio

Swig
219 Louisiana Avenue
Perrysburg, Ohio

Zingo's
106 Louisiana Avenue
Perrysburg, Ohio

Evidence of Land Use in Accord with Master Zoning Plan

4301.82 (B)(4)

A zoning map has been attached as Exhibit G.

Exhibit A

Ohio Revised Code
Section 4301.82 Designated outdoor refreshment areas.
Effective: March 23, 2022
Legislation: Senate Bill 102

(A) As used in this section:

(1) "Qualified permit holder" means the holder of an A-1, A-1-A, A-1c, A-2, A-2f, or D class permit issued under Chapter 4303 of the Revised Code.

(2) "D class permit" does not include a D-6 or D-8 permit.

(B) The executive officer of a municipal corporation or the fiscal officer of a township may file an application with the legislative authority of the municipal corporation or township to have property within the municipal corporation or township designated as an outdoor refreshment area or to expand an existing outdoor refreshment area to include additional property within the municipal corporation or township. The executive officer or fiscal officer shall ensure that the application contains all of the following:

(1) A map or survey of the proposed outdoor refreshment area in sufficient detail to identify the boundaries of the area, which shall not exceed either of the following, as applicable:

(a) Six hundred forty contiguous acres if the municipal corporation or township has a population of more than fifty thousand as specified in division (D) of this section;

(b) Three hundred twenty contiguous acres if the municipal corporation or township has a population of fifty thousand or less as specified in division (D) of this section.

(2) A general statement of the nature and types of establishments that will be located within the proposed outdoor refreshment area;

(3) A statement that the proposed outdoor refreshment area complies with division (D) of this section;

(4) Evidence that the uses of land within the proposed outdoor refreshment area are in accord with the master zoning plan or map of the municipal corporation or township;

(5) Proposed requirements for the purpose of ensuring public health and safety within the proposed outdoor refreshment area.

(C) Within forty-five days after the date the application is filed with the legislative authority of a municipal corporation or township, the legislative authority shall publish public notice

of the application in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code. The legislative authority shall ensure that the notice states that the application is on file in the office of the clerk of the municipal corporation or township and is available for inspection by the public during regular business hours. The legislative authority also shall indicate in the notice the date and time of any public hearing to be held regarding the application by the legislative authority.

Not earlier than thirty but not later than sixty days after the initial publication of notice, the legislative authority shall approve or disapprove the application by either ordinance or resolution, as applicable. Approval of an application requires an affirmative vote of a majority of the legislative authority. Upon approval of the application by the legislative authority, the territory described in the application constitutes an outdoor refreshment area. The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the approval of the application and a description of the area specified in the application. If the legislative authority disapproves the application, the executive officer of a municipal corporation or fiscal officer of a township may make changes in the application to secure its approval by the legislative authority.

(D) The creation of outdoor refreshment areas is limited as follows:

(1) A municipal corporation or township with a population of more than fifty thousand shall not create more than six outdoor refreshment areas. Any such outdoor refreshment area shall include at least four qualified permit holders.

(2) A municipal corporation or township with a population of fifty thousand or less shall not create more than three outdoor refreshment areas. Any such outdoor refreshment area shall include at least two qualified permit holders.

For purposes of this section, the population of a municipal corporation or township is deemed to be the population shown by the most recent regular federal decennial census.

(E) As soon as possible after receiving notice that an outdoor refreshment area has been approved, the division of liquor control, for purposes of section 4301.62 of the Revised Code, shall issue an outdoor refreshment area designation to each qualified permit holder located within the refreshment area that is in compliance with all applicable requirements under Chapters 4301 and 4303 of the Revised Code. The division shall not charge any fee for the issuance of the designation. Any permit holder that receives such a designation shall comply with all laws, rules, and regulations that govern its license type, and the applicable public health and safety requirements established for the area under division (F) of this section.
(F)(1) At the time of the creation of an outdoor refreshment area, the legislative authority of a municipal corporation or township in which such an area is located shall adopt an ordinance or resolution, as applicable, that establishes requirements the legislative

authority determines necessary to ensure public health and safety within the area. The legislative authority shall include in the ordinance or resolution all of the following:

(a) The specific boundaries of the area, including street addresses;

(b) The number, spacing, and type of signage designating the area;

(c) The hours of operation for the area;

(d) The number of personnel needed to ensure public safety in the area;

(e) A sanitation plan that will help maintain the appearance and public health of the area;

(f) The number of personnel needed to execute the sanitation plan;

(g) A requirement that beer and intoxicating liquor be served solely in plastic bottles or other non-glass containers in the area.

The legislative authority may, but is not required to, include in the ordinance or resolution any public health and safety requirements proposed in an application under division (B) of this section to designate or expand the outdoor refreshment area. The legislative authority may subsequently modify the public health and safety requirements as determined necessary by the legislative authority.

(2) Prior to adopting an ordinance or resolution under this division, the legislative authority shall give notice of its proposed action by publication in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

(3) The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the public health and safety requirements established or modified under this division.

(G) If an outdoor refreshment area has been created in accordance with this section, the holder of an F class permit that sponsors an event located in the outdoor refreshment area may apply to the division for issuance of an outdoor refreshment area designation. The division shall issue such a designation if the division determines that the permit holder is in compliance with all applicable requirements established under this chapter and Chapter 4303. of the Revised Code. An F class permit holder that receives a designation under this division shall do both of the following:

(1) Comply with all laws, rules, and regulations that govern its type of permit, and the applicable public health and safety requirements established for the outdoor refreshment area under division (F) of this section;

(2) Not block ingress or egress to the outdoor refreshment area or any other liquor permit premises located within the area.

(H) Section 4399.18 of the Revised Code applies to a liquor permit holder located within an outdoor refreshment area in the same manner as if the liquor permit holder were not located in an outdoor refreshment area.

(I)(1) Five years after the date of creation of an outdoor refreshment area, the legislative authority of the municipal corporation or township that created the area under this section shall review the operation of the area and shall, by ordinance or resolution, either approve the continued operation of the area or dissolve the area. Prior to adopting the ordinance or resolution, the legislative authority shall give notice of its proposed action by publication in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

If the legislative authority dissolves the outdoor refreshment area, the outdoor refreshment area ceases to exist. The legislative authority then shall provide notice of its action to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshment area designations issued to qualified permit holders within the dissolved area. If the legislative authority approves the continued operation of the outdoor refreshment area, the area continues in operation.

(2) Five years after the approval of the continued operation of an outdoor refreshment area under division (I)(1) of this section, the legislative authority shall conduct a review in the same manner as provided in division (I)(1) of this section. The legislative authority also shall conduct such a review five years after any subsequent approval of continued operation under division (I)(2) of this section.

(J) At any time, the legislative authority of a municipal corporation or township in which an outdoor refreshment area is located may, by ordinance or resolution, dissolve all or a part of the outdoor refreshment area. Prior to adopting the resolution or ordinance, the legislative authority shall give notice of its proposed action by publication in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code. If the legislative authority dissolves all or part of an outdoor refreshment area, the area designated in the ordinance or resolution no longer constitutes an outdoor refreshment area. The legislative authority shall provide notice of its actions to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshment area designations issued to qualified permit holders or the holder of an F class permit within the dissolved area or portion of the area.

Exhibit B

Parcels: 257 Parcels

Acreage: 53.6 Acres

Proposed Updated DORA

N 0 250 500 Feet

Exhibit C

Parcel	Address
Q61-000-901208021000	
Q61-000-901208037000	
Q61-000-901208039000	
Q61-000-901208041000	
Q61-000-901208038000	
Q61-000-901208002000	
Q61-000-901208001000	
Q61-000-902207009000	0 E FIFTH ST
Q61-000-902207010000	0 E FIFTH ST
Q61-000-902207011000	0 E FIFTH ST
Q61-000-902207012000	0 E FIFTH ST
Q61-000-902207013000	0 E FIFTH ST
Q61-000-902207014000	0 E FIFTH ST
Q61-000-902207015000	0 E FIFTH ST
Q61-000-902207016000	0 E FIFTH ST
Q61-000-902207008000	0 E INDIANA AVE
Q61-000-902207006000	0 E INDIANA AVE
Q61-000-902207005000	0 E INDIANA AVE
Q61-000-902207004000	0 E INDIANA AVE
Q61-000-902207003000	0 E INDIANA AVE
Q61-000-902207002000	0 E INDIANA AVE
Q61-000-902207001000	0 E INDIANA AVE
Q61-000-902202015000	0 E INDIANA AVE
Q61-000-902202016000	0 E INDIANA AVE
Q61-000-902202017000	0 E INDIANA AVE
Q61-000-902202012000	0 E INDIANA AVE
Q61-000-902202021000	0 E INDIANA AVE
Q61-000-902202022000	0 E INDIANA AVE
Q61-000-901212007000	0 E SECOND ST
Q61-000-901212002000	0 E SECOND ST
Q61-000-901209033000	0 E SECOND ST
Q61-000-901209035000	0 E SECOND ST
Q61-000-902202008001	0 E THIRD ST
Q61-000-902202008000	0 E THIRD ST
Q61-000-902202004000	0 E THIRD ST
Q61-000-902202003000	0 E THIRD ST
Q61-000-901212029000	0 E THIRD ST

Q61-000-901212030000	0 E THIRD ST
Q61-000-901212031000	0 E THIRD ST
Q61-000-901212032000	0 E THIRD ST
Q61-000-902202900200	0 ELM ST
Q61-000-901212028000	0 ELM ST
Q61-000-901206001000	0 FRONT ST
Q61-000-902206018000	0 LOUISIANA AVE
Q61-000-902206002000	0 LOUISIANA AVE
Q61-000-902203029000	0 LOUISIANA AVE
Q61-000-902203026000	0 LOUISIANA AVE
Q61-000-902203028000	0 LOUISIANA AVE
Q61-000-902203012000	0 LOUISIANA AVE
Q61-000-902203009000	0 LOUISIANA AVE
Q61-000-902203011000	0 LOUISIANA AVE
Q61-000-902203006000	0 LOUISIANA AVE
Q61-000-902203003000	0 LOUISIANA AVE
Q61-000-902203013000	0 LOUISIANA AVE
Q61-000-902203005001	0 LOUISIANA AVE
Q61-000-902203010000	0 LOUISIANA AVE
Q61-000-902203002000	0 LOUISIANA AVE
Q61-000-902203010001	0 LOUISIANA AVE
Q61-000-902203005000	0 LOUISIANA AVE
Q61-000-902203001000	0 LOUISIANA AVE
Q61-000-902202013000	0 LOUISIANA AVE
Q61-000-902202014000	0 LOUISIANA AVE
Q61-000-901213024000	0 LOUISIANA AVE
Q61-000-901213027000	0 LOUISIANA AVE
Q61-000-901213031000	0 LOUISIANA AVE
Q61-000-901213002000	0 LOUISIANA AVE
Q61-000-901212026000	0 LOUISIANA AVE
Q61-000-901213035000	0 LOUISIANA AVE
Q61-000-901212023001	0 LOUISIANA AVE
Q61-000-901213037000	0 LOUISIANA AVE
Q61-000-901212023002	0 LOUISIANA AVE
Q61-000-901213039000	0 LOUISIANA AVE
Q61-000-901212027000	0 LOUISIANA AVE
Q61-000-901213038000	0 LOUISIANA AVE
Q61-000-901213041000	0 LOUISIANA AVE
Q61-000-901212023003	0 LOUISIANA AVE
Q61-000-901212021000	0 LOUISIANA AVE

Q61-000-901213033000	0 LOUISIANA AVE
Q61-000-901212019000	0 LOUISIANA AVE
Q61-000-901212017000	0 LOUISIANA AVE
Q61-000-901212015000	0 LOUISIANA AVE
Q61-000-901212013000	0 LOUISIANA AVE
Q61-000-901208022000	0 LOUISIANA AVE
Q61-000-901208025000	0 LOUISIANA AVE
Q61-000-901208027000	0 LOUISIANA AVE
Q61-000-901208030000	0 LOUISIANA AVE
Q61-000-901208029000	0 LOUISIANA AVE
Q61-000-901208033000	0 LOUISIANA AVE
Q61-000-901209030000	0 LOUISIANA AVE
Q61-000-901208032000	0 LOUISIANA AVE
Q61-000-901209027000	0 LOUISIANA AVE
Q61-000-901209028000	0 LOUISIANA AVE
Q61-000-901209025000	0 LOUISIANA AVE
Q61-000-901209026000	0 LOUISIANA AVE
Q61-000-901209023000	0 LOUISIANA AVE
Q61-000-901208035000	0 LOUISIANA AVE
Q61-000-901209024000	0 LOUISIANA AVE
Q61-000-901209022000	0 LOUISIANA AVE
Q61-000-901209020000	0 LOUISIANA AVE
Q61-000-901209018000	0 LOUISIANA AVE
Q61-000-901209016000	0 LOUISIANA AVE
Q61-000-901209010000	0 LOUISIANA AVE
Q61-000-901209009000	0 LOUISIANA AVE
Q61-000-901209008000	0 LOUISIANA AVE
Q61-000-901209036000	0 SECOND ST
Q61-000-901209037000	0 SECOND ST
Q61-000-902206010000	0 W FIFTH ST
Q61-000-902206011000	0 W FIFTH ST
Q61-000-902206012000	0 W FIFTH ST
Q61-000-902206015000	0 W FIFTH ST
Q61-000-902206016000	0 W FIFTH ST
Q61-000-901208006000	0 W FRONT ST
Q61-000-901208005000	0 W FRONT ST
Q61-000-901209007001	0 W FRONT ST
Q61-000-901209003000	0 W FRONT ST
Q61-000-901209002000	0 W FRONT ST
Q61-000-902206007000	0 W INDIANA AVE

Q61-000-902206006000	0 W INDIANA AVE
Q61-000-902206005000	0 W INDIANA AVE
Q61-000-902203023000	0 W INDIANA AVE
Q61-000-902203025000	0 W INDIANA AVE
Q61-000-902203022000	0 W INDIANA AVE
Q61-000-902203024000	0 W INDIANA AVE
Q61-000-902203008000	0 W INDIANA AVE
Q61-000-901208019000	0 W SECOND ST
Q61-000-902203016000	0 W THIRD ST
Q61-000-902203015000	0 W THIRD ST
Q61-000-902203014000	0 W THIRD ST
Q61-000-902203900200	0 W THIRD ST
Q61-000-902203900200	0 W THIRD ST
Q61-000-901213019000	0 W THIRD ST
Q61-000-901213029000	0 W THIRD ST
Q61-000-901213016000	0 WALNUT ST
Q61-000-901213017000	0 WALNUT ST
Q61-000-901213014000	0 WALNUT ST
Q61-000-901213012000	0 WALNUT ST
Q61-000-901206002000	0 WATER ST
Q61-000-901205001000	0 WATER ST
Q61-000-901209011000	101 LOUISIANA AVE
Q61-000-902203027000	101 W INDIANA AVE
Q61-000-902206001000	102 W INDIANA AVE
Q61-000-901209012000	105 LOUISIANA AVE
Q61-000-901206018000	105 W FRONT ST
Q61-000-902202010000	106 E THIRD ST
Q61-000-901208040000	106 LOUISIANA AVE
Q61-000-901209013000	107 LOUISIANA AVE
Q61-000-902202009000	108 E THIRD ST
Q61-000-901208003000	108 W FRONT ST
Q61-000-901212010000	108 W SECOND ST
Q61-000-902206014000	109 W FIFTH ST
Q61-000-901213003000	110 W SECOND ST
Q61-000-901209031000	111 E SECOND ST
Q61-000-901209014000	111 LOUISIANA AVE
Q61-000-901212009000	112 E SECOND ST
Q61-000-901208036000	112 LOUISIANA AVE
Q61-000-901208004000	112 W FRONT ST
Q61-000-901209007000	112 W FRONT ST

Q61-000-901209006000	112 W FRONT ST
Q61-000-901209005000	112 W FRONT ST
Q61-000-901213004000	112 W SECOND ST
Q61-000-901212008000	114 E SECOND ST
Q61-000-901208034000	114 LOUISIANA AVE
Q61-000-902206003000	114 W INDIANA AVE
Q61-000-901208020000	115 W SECOND ST
Q61-000-901213005000	116 W SECOND ST
Q61-000-902202018000	117 E INDIANA AVE
Q61-000-901209032000	117 E SECOND ST
Q61-000-901209015000	117 LOUISIANA AVE
Q61-000-901213023000	117 W THIRD ST
Q61-000-902202007000	118 E THIRD ST
Q61-000-901208031000	118 LOUISIANA AVE
Q61-000-901208018001	119 BURLINGWOOD DR
Q61-000-901209017000	119 LOUISIANA AVE
Q61-000-901208018000	119 W SECOND ST
Q61-000-901213021000	119 W THIRD ST
Q61-000-901213022000	119 W THIRD ST
Q61-000-902206004101	120 W INDIANA AVE
Q61-000-901213006000	120 W SECOND ST
Q61-000-901208010000	121 BURLINGWOOD DR
Q61-000-902202019000	121 E INDIANA AVE
Q61-000-901209019000	121 LOUISIANA AVE
Q61-000-902206013000	121 W FIFTH ST
Q61-000-901213020000	121 W THIRD ST
Q61-000-901208008000	122 BURLINGWOOD DR
Q61-000-901212006000	122 E SECOND ST
Q61-000-901208028000	122 LOUISIANA AVE
Q61-000-901208007000	122 W FRONT ST
Q61-000-901209021000	123 LOUISIANA AVE
Q61-000-901208026000	124 LOUISIANA AVE
Q61-000-902202020000	125 E INDIANA AVE
Q61-000-901212005000	126 E SECOND ST
Q61-000-901208024000	126 LOUISIANA AVE
Q61-000-901208009000	126 W FRONT ST
Q61-000-901213007000	126 W SECOND ST
Q61-000-901209034000	127 E SECOND ST
Q61-000-902203021000	127 W INDIANA AVE
Q61-000-901208017000	127 W SECOND ST

Q61-000-901209004000	128 W FRONT ST
Q61-000-901213018000	129 W THIRD ST
Q61-000-901208023000	130 LOUISIANA AVE
Q61-000-901209029000	131 LOUISIANA AVE
Q61-000-902203020000	131 W INDIANA AVE
Q61-000-901212004000	132 E SECOND ST
Q61-000-901213008000	132 W SECOND ST
Q61-000-901208016200	133 W SECOND ST
Q61-000-902202006000	134 E THIRD ST
Q61-000-901208011000	134 W FRONT ST
Q61-000-902203019000	135 W INDIANA AVE
Q61-000-901213015000	135 W THIRD ST
Q61-000-902202005000	138 E THIRD ST
Q61-000-901213009000	138 W SECOND ST
Q61-000-902203018000	139 W INDIANA AVE
Q61-000-901208015000	139 W SECOND ST
Q61-000-902207007000	140 E INDIANA AVE
Q61-000-901212003000	140 E SECOND ST
Q61-000-901208012000	140 W FRONT ST
Q61-000-902206008000	140 W INDIANA AVE
Q61-000-901209001000	144 W FRONT ST
Q61-000-901213010000	144 W SECOND ST
Q61-000-902202023500	145 E INDIANA AVE
Q61-000-902206009000	145 W FIFTH ST
Q61-000-901208014000	145 W SECOND ST
Q61-000-901212001000	146 E SECOND ST
Q61-000-901208013000	146 W FRONT ST
Q61-000-901213032000	200 LOUISIANA AVE
Q61-000-901212011000	201 LOUISIANA AVE
Q61-000-901213040000	202 LOUISIANA AVE
Q61-000-901212012000	203 LOUISIANA AVE
Q61-000-901213036000	206 LOUISIANA AVE
Q61-000-901212014000	207 LOUISIANA AVE
Q61-000-901213034000	208 LOUISIANA AVE
Q61-000-901212016000	209 LOUISIANA AVE
Q61-000-901213001000	210 LOUISIANA AVE
Q61-000-901212018000	213 LOUISIANA AVE
Q61-000-901213030000	214 LOUISIANA AVE
Q61-000-901212020000	215 LOUISIANA AVE
Q61-000-901213011000	215 WALNUT ST

Q61-000-901213028000	218 LOUISIANA AVE
Q61-000-901212022001	219 LOUISIANA AVE
Q61-000-901212022000	219 LOUISIANA AVE
Q61-000-901212023000	219 LOUISIANA AVE
Q61-000-901213013000	219 WALNUT ST
Q61-000-901213026000	220 LOUISIANA AVE
Q61-000-901213025000	228 LOUISIANA AVE
Q61-000-901212025000	231 LOUISIANA AVE
Q61-000-902203017000	301 WALNUT ST
Q61-000-902202011000	303 E LOUISIANA ST
Q61-000-902202001000	306 ELM ST
Q61-000-902203001001	306 LOUISIANA AVE
Q61-000-902202002000	310 ELM ST
Q61-000-902203004000	312 LOUISIANA AVE
Q61-000-902203007000	312 LOUISIANA AVE
Q61-000-902202024500	324 ELM ST
Q61-000-902206020000	408 LOUISIANA AVE
Q61-000-902206019000	410 LOUISIANA AVE
Q61-000-901212024000	412 LOUISIANA AVE
Q61-000-902206017000	420 LOUISIANA AVE

Exhibit D

Parcels: 257 Parcels

Acreage: 53.6 Acres

Proposed Updated DORA

N 0 250 500 Feet

Exhibit E

12 in
18 in
CITY OF
PERRYSBURG
DORA
DESIGNATED
OUTDOOR
REFRESHMENT
AREA
DORA CUPS NOT PERMITTED
BEYOND THIS POINT
WWW.DORAPERRYSBURG.COM

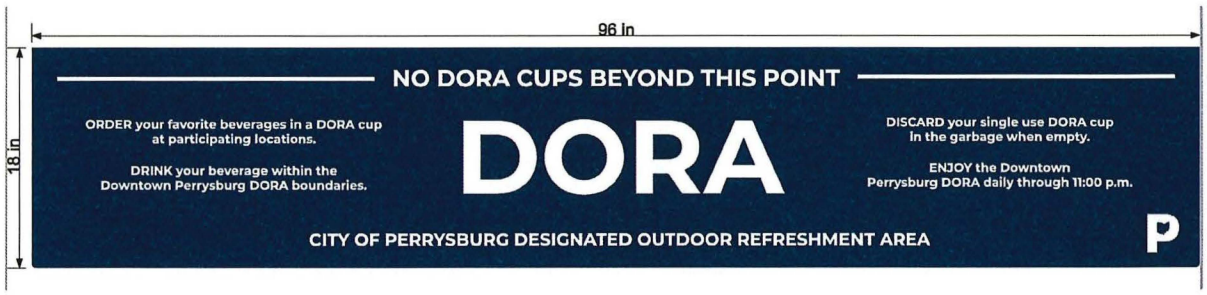

96 in
18 in
NO DORA CUPS BEYOND THIS POINT
ORDER your favorite beverages in a DORA cup at participating locations.
DRINK your beverage within the Downtown Perrysburg DORA boundaries.
DORA
DISCARD your single use DORA cup in the garbage when empty.
ENJOY the Downtown Perrysburg DORA daily through 11:00 p.m.
CITY OF PERRYSBURG DESIGNATED OUTDOOR REFRESHMENT AREA

Exhibit F

DORA
Designated Outdoor Refreshment Area
CITY OF PERRYSBURG
EST 1816
DRINK RESPONSIBLY
CUPS ALLOWED DAILY NOON - 10PM
CUPS IN DESIGNATED BUSINESSES ONLY
CUPS MUST STAY IN BOUNDARY SIGNS
www.doraperrysburg.com
16oz COMPOSTABLE CUP

Exhibit G

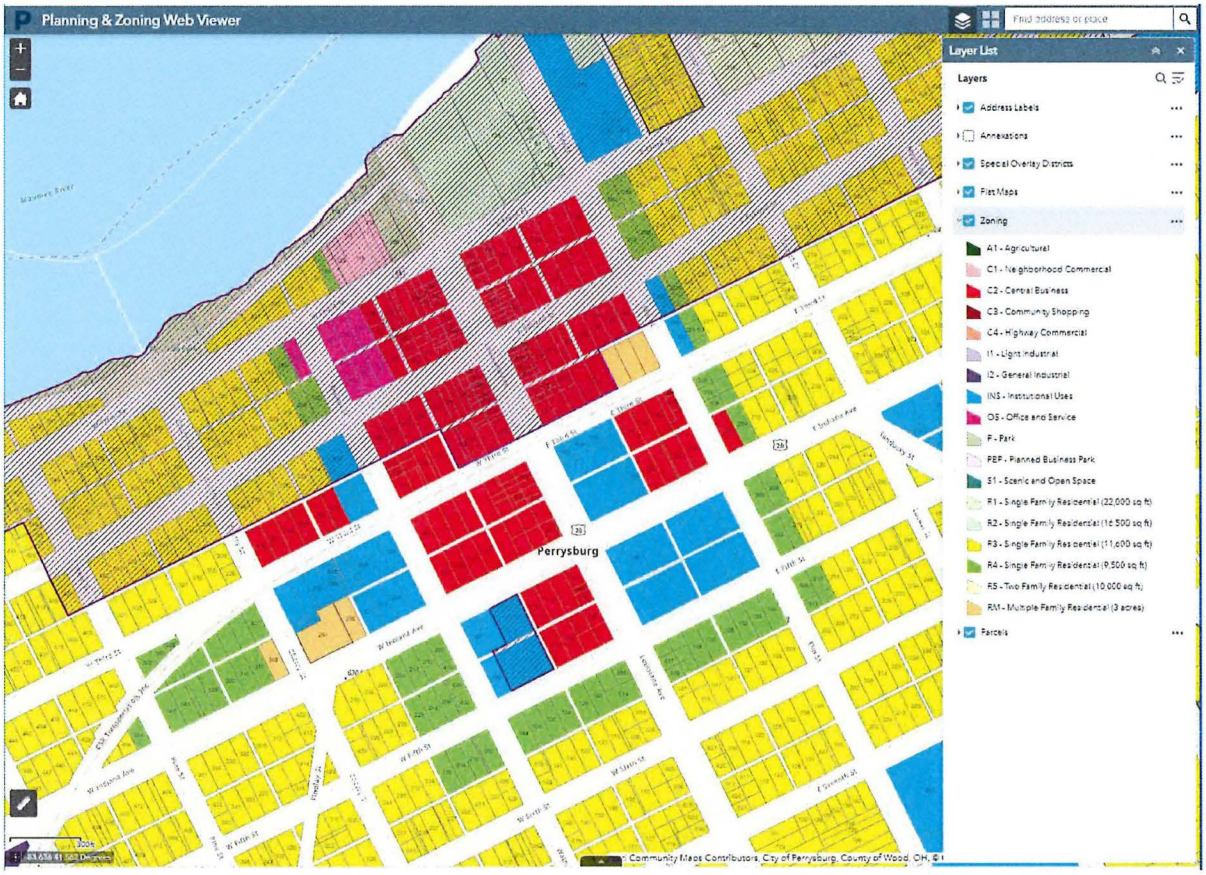

Planning & Zoning Web Viewer
Find address or place
Layer List
Layers
Address Labels
Annexations
Special Overlay Districts
Flat Maps
Zoning
A1 - Agricultural
C1 - Neighborhood Commercial
C2 - Central Business
C3 - Community Shopping
C4 - Highway Commercial
I1 - Light Industrial
I2 - General Industrial
INS - Institutional Uses
OS - Office and Service
P - Park
PBP - Planned Business Park
S1 - Scenic and Open Space
R1 - Single Family Residential (22,000 sq ft)
R2 - Single Family Residential (16,500 sq ft)
R3 - Single Family Residential (11,000 sq ft)
R4 - Single Family Residential (9,500 sq ft)
R5 - Two Family Residential (10,000 sq ft)
RM - Multiple Family Residential (3 acres)
Parcels
Perrysburg
Community Maps Contributors, City of Perrysburg, County of Wood, OH, ©

EXHIBIT A

Petition to Mayor Tom Mackin and Perrysburg City Council

Designated Outdoor Refreshment Area (DORA) @ Levis Commons

Presented by Levis Commons Partnership

Submitted on May 30, 2019

Meeting with City of Perrysburg on June 4, 2019

Revised and Submitted on June 24, 2019

Revised and Submitted on March 22, 2022

March 22, 2022

Mayor Tom Mackin, City of Perrysburg & Perrysburg City Council

201 W. Indiana Avenue

Perrysburg, OH 43551

RE: Petition for Designated Outdoor Refreshment Area (DORA) @ Levis Commons

Dear Mayor Mackin & Perrysburg City Council,

The Levis Commons Partnership is requesting to create a Designated Outdoor Refreshment Area (DORA) @ Levis Commons, which would allow patrons at participating restaurants, bars, and entertainment venues to hold no more than sixteen (16) fluid ounces of an open alcoholic beverage in a designated DORA cup only in designated area. With our request, we're asking that the City of Perrysburg pass a new ordinance, pursuant to Ohio Revised Code 4301.82, to create a Designated Outdoor Refreshment Area (DORA) @ Levis Commons. The existing legislation requires specific considerations to which we propose in this petition.

Our sole mission is focused on *advancing the Levis Common's experience*. We believe that DORA will benefit City of Perrysburg by attracting more guests and residences, increasing revenue to the businesses and lead to more sales tax, improve entertainment and charity events, allow our restaurants to be more competitive and forward thinking, and continuing the growth and reputation of Levis Commons and Perrysburg. The Levis Commons Partnership is committed to assisting with the implementation and education that goes along with the opportunity of advancing DORA.

We submit this petition to you with broad support from the restaurants, bars, merchants, retailers, hotels, residences, office workers, and owners at Levis Commons. We look forward to collaborating with City of Perrysburg in creating DORA and *advancing the Levis Common's experience*. Please let us know if you have questions or if we can be of further assistance as you pursue this new ordinance.

Sincerely,

Rita Nelson, General Manager

Hill Partners

419-931-8888

RNelson@hillpartnersinc.com

Mel Ayers, Owner

Nagoya & Basil Restaurants

419-656-2043

mel@nagoyaohio.com

Contents in Petition

- Introduction Letter to Mayor Mackin & Perrysburg City Council page 1
- Contents in Petition page 2
- Specific boundaries of the area page 3
- Parcels included in the area page 4
- Signage designating the area page 5
- Sign Design page 6
- Hours of operation and other pertinent information page 7
- Cup Design and other important rules page 8
- Participating merchants page 10
- Land use and zoning page 11
- Rules for the area page 12
- Positive economic impacts page 13
- Ohio Revised Code page 13- 16
- Signatures of Support for DORA page 17

ORC 4301.82(B)(1), 4301.82(B)(1)(b), 4301.82(D)(2) and 4301.82(F)(1)(a)

Specific boundaries of the area, including street addresses

Specific boundaries of DORA: Dixie Highway, Roachton Road, drainage ditch east of Micheal Owens Way, and N. Wilkinson Way.

This area encompasses approximately 135 acres. A population of fifty - thousand or less is composed of three hundred twenty or fewer contiguous acres.

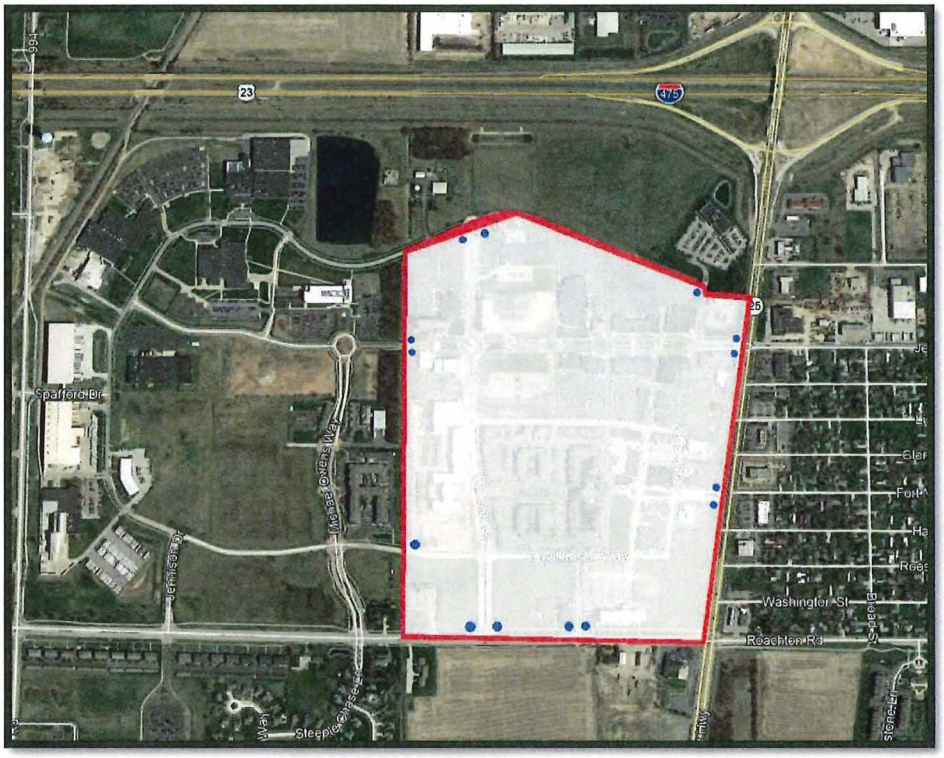
Parcels Included within the Boundary

ID	OWNER	ADDRESS	CITY	STATE	ZIP
Q61-400-180007004000	MOSAIC AT LEVIS COMMONS LLC	1000 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007009001	TOLEDO EDISON COMPANY	0 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007009000	MEADOWOOD ASSET MANAGEMENT LLC	1721 S WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007019001	PRESTON GARDENS DEVELOPMENT, LLC		Perrysburg	OH	43551
Q61-400-180007019000	PRESTON GARDENS DEVELOPMENT, LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007019002	MIDLAND AGENCY OF NORTHWEST OHIO INC TRUSTEE	12780 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007018002	LEVIS LODGING	0 S WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007018003	LEVIS HOSPITALITY LLC	12710 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007018500	LEVIS HOSPITALITY LLC	0 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007013001	PRESTON GARDENS ASSOCIATES	5101 HOLLENBECK	Perrysburg	OH	43551
Q61-400-180007013000	BNR GROUP LLC	4185 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007016000	R&J CONSTRUCTION INC & DOUGLAS MANOR LTD	2110 PRESTON PW	Perrysburg	OH	43551
Q61-400-180007017000	COMPASS ACQUISITIONS LLC	5100 BROCKWAY PL	Perrysburg	OH	43551
Q61-400-180007015000	DIRECTIONS CREDIT UNION INC	4150 BROCKWAY DR	Perrysburg	OH	43551
Q61-400-180007001002	OTTO AND DEE WEIK FAMILY LIMITED PARTNERSHIP	4100 BROCKWAY LN	Perrysburg	OH	43551
Q61-400-180007014001	CHAPPEL PLACE, LLC	0 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007014000	YU LI	4100 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180008018001	BROWNSTONE VILLAGE AT LEVIS COMMONS HOMEOWNERS' ASSOCIATION INC	0 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008013000	GUNZENHAEUSER KATHLEEN R	5122 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008018000	WOOD KENNETH P	5102 BOSTWICK RD	Perrysburg	OH	43551
Q16-400-180008017000	STEPHEN D ISEMAN	5106 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008016000	VANHOOZEN HALLIE B TRUSTEE	5110 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008015000	2132 BURROUGHS DRIVE LLC	5114 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008014000	BRIGADIER SEAN M & CAMON	5118 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008012000	RADABAUGH LYNN O	5132 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008011000	WAYNE GAIL & VIRGINIA E JONES	5136 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008010000	YUSTICK AMY E & ROBERT J	5140 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008009000	SCULFORT JACK T	5144 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008008000	ERNSEBERGER SALLY	5148 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008007001	ERNSEBERGER SALLY	5148 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008007000	SAVAGE CAROL A TRUSTEE	5152 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008006000	HUFFMAN JOHN L	5162 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008005000	DAVIS NICOLE J	5166 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008004000	SENATOR INTERNATIONAL PROPERTY LLC	5170 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008003000	MARTIN MARY JANE	5174 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008002000	LIEBENTHAL MICHAEL J	5178 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008001000	THERRY FABOZZI	5182 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180007021000	NW ORLEANS PROPERTIES LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007021001	NW ORLEANS PROPERTIES LLC	3290 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007006000	OI LEVIS PARK STS INC	0 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007012001	BERMAN BUILDING COMPANY INC	0 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180007021004	NW ORLEANS PROPERTIES LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007010002	LEVIS COMMONS LLC	3201 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007010004	LEVIS COMMONS LLC	3155 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007010003	LEVIS COMMONS LLC	0 DIXIE HWY	Perrysburg	OH	43551
Q61-400-180007002003	NATIONAL RETAILPROPERTIES LP	1303 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007010005	LEVIS COMMONS LLC	0 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007022000	KRE HIP GARDEN PERRYSBURG OWNER LLC	5995 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007022001	KRE HIP GARDEN PERRYSBURG OWNER LLC	5995 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007003000	BOWLING GREEN STATE UNIVERSITY	1655 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007002004	KRE HIP GARDEN PERRYSBURG OWNER LLC	0 DIXIE HWY	Perrysburg	OH	43551
Q61-400-180007021003	KRE HIP GARDEN PERRYSBURG OWNER LLC		Perrysburg	OH	43551

ORC 4301.82(F)(1)(b)

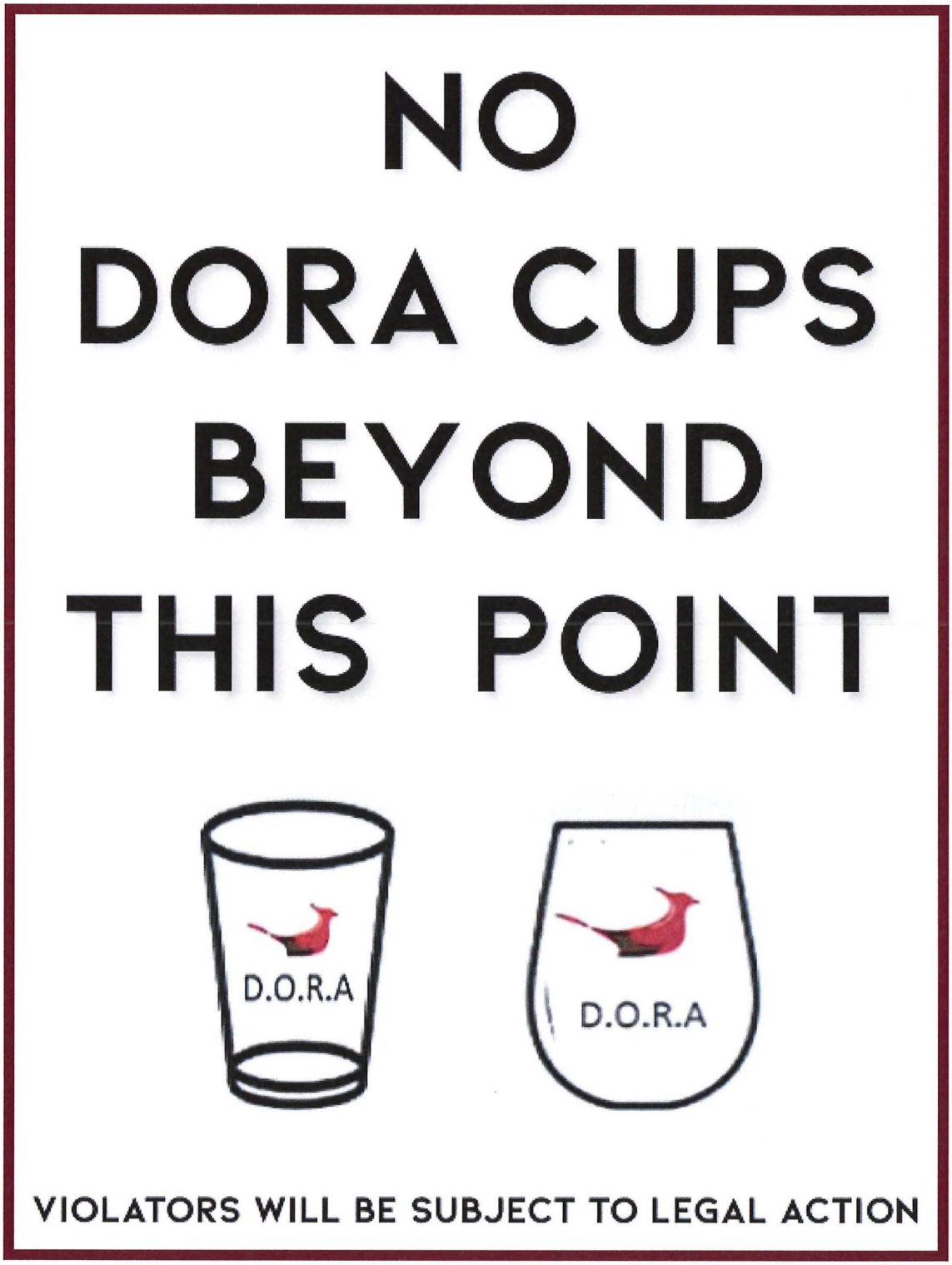
Number, spacing, and type of signage designating the area

Signage will include "No DORA cups beyond this point" and signs will be placed at every crosswalk and/or street leaving the designated area. Levis Commons Partnership will design a sign that will be approved by City of Perrysburg. Below is a map showing (14) proposed DORA sign locations anda sample sign. Final determination of number of signs, spacing and type will be approved by City of Perrysburg.



• = Sign

Sign Design


NO
DORA CUPS
BEYOND
THIS POINT
D.O.R.A
D.O.R.A
VIOLATORS WILL BE SUBJECT TO LEGAL ACTION

ORC 4301.82(F)(1)(c)

Hours of operation for area

Liquor permitted establishments may serve DORA cups 7 days a week from Noon until 11:00 p.m. (last DORA sales). All DORA beverages MUST be disposed of by 12:00 a.m.

ORC 4301.82(B)(5) and ORC 4301.82(F)(1)(d)

Number of personnel needed to ensure public safety in the area and communication with police.

Levis Commons Partnership will work with the on-site privately contracted security company to ensure understanding, training and compliance of all DORA rules and regulations for standard day to day activity and operations. Current security staffing is 217 hours per week with personnel patrolling the grounds until midnight on weekends. There is also 25+ security cameras throughout the site. Each participant will also be educated and trained to assist with public safety.

In addition to daily operations, Levis Commons Partnership will communicate directly with Perrysburg Police on all special events that would impact or increase the DORA usage. Any event expected to attract in excess of 200 people, or any event directly related to DORA consumption such as wine tastings,street fairs, craft beer sampling etc. will be considered notable and be preceded with a form submission to the police department at least 30 days prior to the event. The form submission will include the date and time of the event, an overview of the event, the planned security staffing for the event, the expected attendance of the event and the contact information for the event coordinator. If requested with due reasoning, Levis Commons Partnership will hire off duty officers per Perrysburg Police specifications to help manage the event.

ORC 4301.82(B)(5), ORC 4301.82(F)(1)(e) and ORC 4301.82(F)(1)(f)

Sanitation plan that will help maintain the appearance and public health of the area and number of personnel needed to execute the sanitation plan

<u>Trash receptacles:</u>

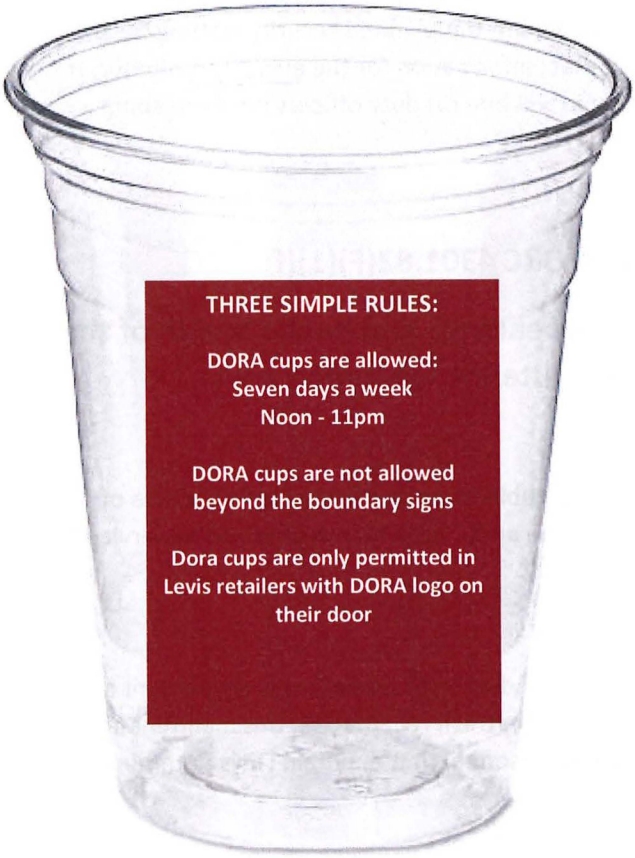
Trash receptacles will be provided outside each permitted establishment participating in the sale of alcohol in open containers and at each block corner within the area. Trash receptacles will be serviced as necessary to maintain a clean environment.

<u>General litter and debris:</u>

Maintaining a clean environment within the designated area and all Levis Commons is paramount and will include daily pickup of litter and debris. As with servicing the trash receptacles, this maintenance is currently contacted out to a couple companies with several personnel that maintain Levis Commons.

Cup Design
FRONT:

BACK:



ORC 4301.82(F)(1)(g)

All beer, wine, and intoxicating liquor will be served and contained in the official DORA plastic bottles or other non-glass container with the logo. No other containers are permitted.

Levis Common Partnership will design a unique and easily identifiable official cup for DORA @ Levis Commons. The official cup will be able to hold no more than sixteen (16) fluid ounces and will be composed of plastic. See proposed logo in addendum.

ORC 4301.82(B)(2)

Nature and types of establishments that will be located within the proposed refreshment area:

Levis Commons is a lifestyle center that is a highly sought-after place to live, work, shop, dine, and entertain. There is a diverse combination of retail, restaurants, bars, offices, apartments, hotels, single family residences (brownstones), and professional service businesses.

ORC 4301.82(B)(3)

Qualifying establishments participating in DORA.

DORA will encompass not fewer than four qualified permit holders. Levis Commons Partnership has identified (14) qualified permit holders that will be included in DORA; with the understanding there is a potential of more participants in 2022.

PARTICIPATING MERCHANTS

SIP-SHOP-STROLL

Bar Louie

SPECIALIZING IN OVERSIZED SANDWICHES AND SIGNATURE COCTAILS, BAR LOUIE SERVES UP GOOD TIMES ALL WEEK LONG.

basil pizza & wine bar

COME TO BASIL FOR A VAST WINE LIST TO COMPLIMENT THE HAND-CRAFTED, STONE-FIRED PIZZA, SALADS & ENTREE OFFERINGS.

BENCHMARK RESTAURANT

AN INNOVATIVE TAKE ON THE TRADITIONAL STEAK & SEAFOOD FARE. PAIRING EXCEPTIONAL DRINK OPTIONS, BENCHMARK RAISES THE BAR.

BIAGGI'S RISTORANTE ITALIANO

WITH AN IMPRESSIVE ARRAY OF MENU ITEMS AND COCKTAILS TO MATCH, BIAGGI'S IS A FAN FAVORITE FOR ANY OCCASION.

Blue Pacific GRILL

CREATE YOUR OWN STIR-FRY AND TEMPT YOUR TASTEBUDS WITH SIGNATURE SAUCES AND SPECIALTY DRINKS AT BLUE PACIFIC GRILL.

Hilton Garden Inn

GRAB A BITE AT GREAT AMERICAN GRILL INSIDE THE HILTON GARDEN INN, FEATURING A FULL BAR OF YOUR FAVORITE SPIRITS.

HOME2 SUITES BY HILTON

JOIN US FOR DRINKS AT THE PAPARAZZI LOBBY BAR INSIDE HOME2SUITES HOTEL, WHERE STYLE & EXTENDED STAY LUXURY ARE ONE IN THE SAME.

fat fish blue

AMERICAN BISTRO FARE WITH A NEW ORLEANS FLAIR, FAT FISH BLUE HOSTS AMAZING MUSICIANS AND THE FUNNY BONE COMEDY CLUB.

THE FLYING JOE COFFEE & COCKTAILS EST. 2007

HAND-CONCOCTED BEVERAGES, BOTH COFFEE AND COCKTAILS, ARE WHAT THEY DO BEST AT THE FLYING JOE.

NAGOYA JAPANESE STEAKHOUSE & SUSHI

ENJOY A FRONT-ROW SEAT HIBACHI-STAYLE WHILE YOUR DINNER IS COOKED TO PERFECTION AT NAGOYA.

Poco Piatti

TAKE A JOURNEY THROUGH MEDITERRANEAN CUISINE AT POCO PIATTI WITH SMALL PLATES - BIG ON TASTE.

TeaTree Asian Bistro

SKILLFULLY-PREPARED, AUTHENTIC ASIAN CUISINE AWAITS YOU AT TEA TREE ASIAN BISTRO; SUSHI AND COCKTAIL SPECIALS DAILY.

Holiday Inn Express & Suites

ENJOY A VARIETY OF UPSCALE SHOPPING, RESTAURANTS AND ENTERTAINMENT VENUES ALL WITHIN A MINUTES' WALK FROM THE HOTEL.

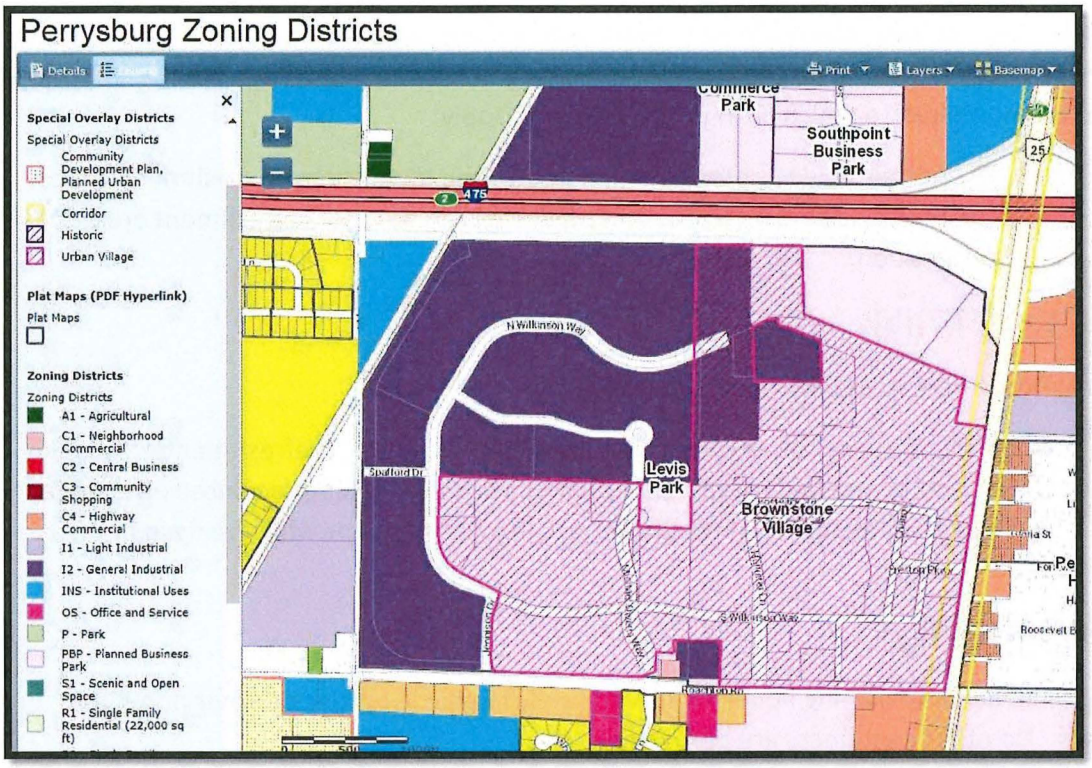
Funny Bone COMEDY CLUB RESTAURANT

40 DRAFTS ARE ON TAP AND ALWAYS ROTATING TO BRING A UNIQUE AND FLAVORFUL BEER SELECTION, AS WELL AS A FULL SERVICE BAR.

ORC 4301.82(B)(4)

Evidence that the uses of land within the proposed outdoor refreshment area are in accord with the master zoning plan:

Zoning in the designated DORA area is Urban Village Special Overlay



ORC 4301.62(C)(7)

Rules of The Area

Rules of Ohio Substitute House Bill 47:

ORC 4301.62(C)(7)(a):

A person may have in the person's possession an opened container of beer or intoxicating liquor at an outdoor location within an outdoor refreshment area created under 4301.82 of the Ohio Revised Code if the opened container of beer or intoxicating liquor was purchased from a qualified permit holder to which both of the following apply:

(i) The permit holder's premise is located within the outdoor refreshment area.
(ii) The permit is held by the permit holder has an outdoor refreshment area designation.

ORC 4301.62(C)(7)(b):

Outdoor Refreshment Area Participants may NOT:

(i) Enter the premises of an establishment within an outdoor refreshment area while possessing an opened container of beer or intoxicating liquor acquired elsewhere;
(ii) Possess an opened container of beer or intoxicating liquor while being in or on a motor vehicle.

ORC 4301.82(F)(1)(g)

All beer, wine, and intoxicating liquor be served solely in plastic bottles or other non-glass containers. No other containers are permitted.

Additional Rules of DORA @ Levis Commons

Only one (1) official DORA cup will be permitted at a time per DORA patron.

All DORA beverages must be served in a new and unused official cup.

Assumption of Good Behavior by DORA Patrons:

A DORA patron can expect to enjoy the Outdoor Refreshment area without restraint, questioning, or harassment SO LONG AS the DORA participant correctly follows the Rules of The Area, and maintain a decorum of good behavior, free of public drunkenness, property destruction, or any action that disrupts the enjoyment of another DORA participant, or disrupts any establishment, property owner, resident, or patron within the DORA.

Violation of any of these Rules of The Area shall be considered a minor misdemeanor and violators face warnings in accordance with ORC.

POSITIVE ECONOMIC IMPACTS

The Levis Commons Partnership is confident that the Designated Outdoor Refreshment Area will enhance the entertainment and cultural appeal of Levis Commons as a destination and will serve to enhance economic appeal and make Levis Commons and Perrysburg more attractive to businesses and residences. DORA at Levis Commons will benefit City of Perrysburg by attracting more guests and residences, increasing revenue to the businesses and lead to more sales tax, improve entertainment and charity events, allow our restaurants to be more competitive and forward thinking, and continuing the growth and reputation of Levis Commons and Perrysburg.

OHIO REVISED CODE (copy)

4301.82 Designated outdoor refreshment areas.

(A) As used in this section:

(1) "Qualified permit holder" means the holder of an A-1, A-1-A, A-1c, A-2, A-2f, or D class permit issued under Chapter 4303. of the Revised Code.

(2) "D class permit" does not include a D-6 or D-8 permit.

(B) The executive officer of a municipal corporation or the fiscal officer of a township may file an application with the legislative authority of the municipal corporation or township to have property within the municipal corporation or township designated as an outdoor refreshment area or to expand an existing outdoor refreshment area to include additional property within the municipal corporation or township. The executive officer or fiscal officer shall ensure that the application contains all the following:

(1) A map or survey of the proposed outdoor refreshment area in sufficient detail to identify the boundaries of the area, which shall not exceed either of the following, as applicable:

(a) Six-hundred forty contiguous acres if the municipal corporation or township has a population of more than fifty thousand as specified in division (D) of this section;

(b) Three hundred twenty contiguous acres if the municipal corporation or township has a population of fifty thousand or less as specified in division (D) of this section.

(2) A general statement of the nature and types of establishments that will be located within the proposed outdoor refreshment area;

(3) A statement that the proposed outdoor refreshment area complies with division (D) of this section;

(4) Evidence that the uses of land within the proposed outdoor refreshment area are in accord with the master zoning plan or map of the municipal corporation or township;

(5) Proposed requirements for the purpose of ensuring public health and safety within the proposed outdoor refreshment area.

(C) Within forty-five days after the date the application is filed with the legislative authority of a municipal corporation or township, the legislative authority shall publish public notice of the application once a week for two consecutive weeks in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code. The legislative authority shall ensure that the notice states that the application is on file in the office of the clerk of the municipal corporation or township and is available for inspection by the public during regular business hours. The legislative authority also shall indicate in the notice the date and time of any public hearing to be held regarding the application by the legislative authority.

Not earlier than thirty but not later than sixty days after the initial publication of notice, the legislative authority shall approve or disapprove the application by either ordinance or resolution, as applicable. Approval of an application requires an affirmative vote of a majority of the legislative authority. Upon approval of the application by the legislative authority, the territory described in the application constitutes an outdoor refreshment area. The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the approval of the application and a description of the area specified in the application. If the legislative authority disapproves the application, the executive officer of a municipal corporation or fiscal officer of a township may make changes in the application to secure its approval by the legislative authority.

(D) The creation of outdoor refreshment areas is limited as follows:

(1) A municipal corporation or township with a population of more than fifty thousand shall not create more than six outdoor refreshment areas. Any such outdoor refreshment area shall include at least four qualified permit holders.

(2) A municipal corporation or township with a population of fifty thousand or less shall not create more than three outdoor refreshment areas. Any such outdoor refreshment area shall include at least two qualified permit holders.

For purposes of this section, the population of a municipal corporation or township is deemed to be the population shown by the most recent regular federal decennial census.

(E) As soon as possible after receiving notice that an outdoor refreshment area has been approved, the division of liquor control, for purposes of section 4301.62 of the Revised Code, shall issue an outdoor refreshment area designation to each qualified permit holder located within the refreshment area that is in compliance with all applicable requirements under Chapters 4301. and 4303. of the Revised Code. The division shall not charge any fee for the issuance of the designation. Any permit holder that receives such a designation shall comply with all laws, rules, and regulations that govern its license type, and the applicable public health and safety requirements established for the area under division (F) of this section.

(F)(1) At the time of the creation of an outdoor refreshment area, the legislative authority of a municipal corporation or township in which such an area is located shall adopt an ordinance or resolution, as applicable, that establishes requirements the legislative authority determines necessary to ensure public health and safety within the area. The legislative authority shall include in the ordinance or resolution all the following:

(a) The specific boundaries of the area, including street addresses;

(b) The number, spacing, and type of signage designating the area;

(c) The hours of operation for the area;

(d) The number of personnel needed to ensure public safety in the area;

(e) A sanitation plan that will help maintain the appearance and public health of the area;

(f) The number of personnel needed to execute the sanitation plan;

(g) A requirement that beer and intoxicating liquor be served solely in plastic bottles or other non-glass containers in the area.

The legislative authority may, but is not required to, include in the ordinance or resolution any public health and safety requirements proposed in an application under division (B) of this section to designate or expand the outdoor refreshment area. The legislative authority may subsequently modify the public health and safety requirements as determined necessary by the legislative authority.

(2) Prior to adopting an ordinance or resolution under this division, the legislative authority shall give notice of its proposed action by publication once a week for two consecutive weeks in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

(3) The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the public health and safety requirements established or modified under this division.

(G) If an outdoor refreshment area has been created in accordance with this section, the holder of an F class permit that sponsors an event located in the outdoor refreshment area may apply to the division for issuance of an outdoor refreshment area designation. The division shall issue such a designation if the division determines that the permit holder is in compliance with all applicable requirements established under this chapter and Chapter 4303. of the Revised Code. An F class permit holder that receives a designation under this division shall do both of the following:

(1) Comply with all laws, rules, and regulations that govern its type of permit, and the applicable public health and safety requirements established for the outdoor refreshment area under division (F) of this section;

(2) Not block ingress or egress to the outdoor refreshment area or any other liquor permit premises located within the area.

(H) Section 4399.18 of the Revised Code applies to a liquor permit holder located within an outdoor refreshment area in the same manner as if the liquor permit holder were not located in an outdoor refreshment area.

(I)(1) Five years after the date of creation of an outdoor refreshment area, the legislative authority of the municipal corporation or township that created the area under this section shall review the operation of the area and shall, by ordinance or resolution, either approve the continued operation of the area or dissolve the area. Prior to adopting the ordinance or resolution, the legislative authority shall give notice of its proposed action by publication in one newspaper of generalcirculation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

If the legislative authority dissolves the outdoor refreshment area, the outdoor refreshment area ceases to exist. The legislative authority then shall provide notice of its action to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshment area designations issued to qualified permit holders within the dissolved area. If the legislative authority approves the continued operation of the outdoor refreshment area, the area continues in operation.

(2) Five years after the approval of the continued operation of an outdoor refreshment area under division (I)(1) of this section, the legislative authority shall conduct a review in the same manner as

provided in division (I)(1) of this section. The legislative authority also shall conduct such a review five years after any subsequent approval of continued operation under division (I)(2) of this section.

(J) At any time, the legislative authority of a municipal corporation or township in which an outdoor refreshment area is located may, by ordinance or resolution, dissolve all or a part of the outdoor refreshment area. Prior to adopting the resolution or ordinance, the legislative authority shall give notice of its proposed action by publication one newspaper of generalcirculation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.If the legislative authority dissolves all or part of an outdoor refreshment area, the area designated in the ordinance or resolution no longer constitutes an outdoor refreshment area. The legislative authorityshall provide notice of its actions to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshmentarea designations issued to qualified permit holders or the holder of an F class permit within the dissolvedarea or portion of the area.

Amended by 132nd General Assembly File No. TBD, HB 522, §1, eff. 3/22/2019.

Amended by 131st General Assembly File No. TBD, HB 342, §1, eff. 9/28/2016.

Added by 131st General Assembly File No. TBD, HB 47, §1, eff. 4/30/2015.

Signatures of Support for Ordinance for DORA @ Levis Commons

NAME	BUSINESS	ADDRESS	SIGNATURE	DATE
Kirk Falkner	Blue Pacific	7150 Levis Commons Blvd	Kirk Falkner	2-23-22
Jeksoo Choe	Bar Louie	4105 Levis Commons Blvd.	[illegible]	2/23/22
Katrina Young	Preston Gardens	5101 Hollenbeck Dr.	[illegible]	3-3-22
Justin Estep	Mosaic Levis Commons	1000 Hollister Ln	[illegible]	3-3-22
Izzet Sozeri	Hilton Garden Inn	6165 Levis Commons Blvd	[illegible]	3-3-22
Izzet Sozeri	Home2 Suites by Hilton	5995 Levis Commons Blvd	[illegible]	3-3-22
Cynda Lake	Poco Platti	3155 Chapple	[illegible]	3-3-22
Chi Yi (Kim)	Tea Tree Asian Bistro	4100 Chappel Dr	[illegible]	3-3-22
Sue Rodriguez	Holiday Inn Express & Suites	12710 Rockhill Rd	[illegible]	3-3-22
Courtney Barber	Biaggis Ristorante Italiano	1320 Levis Commons Blvd	[illegible]	3-3-22
ALEXANDRA WORKMAN	THE FLYING JOE	2130 PRESTON PARKWAY	[illegible]	3.4.22
John S. Luppino	Basil Pizza + WB	3147 Hollister Ln	[illegible]	3.4.22
Evelyne Janto	Nagoya Japanese Steak & Sushi	6190 Levis Commons Blvd	[illegible]	03/04/2022
Nadia Castillo	Finnin's Bone	10140 Levis Commons	[illegible]	3/4/22
JENNIFER NEWTON	Draftcade	10140 LEVIS COMMONS BLVD	[illegible]	3-4-22
Jeff Dinnebeil	Benchmark	6130 Levis Commons Blvd	[illegible]	3/4/22

EXHIBIT A

Petition to Mayor Tom Mackin and Perrysburg City Council

Designated Outdoor Refreshment Area (DORA) @ Levis Commons

Presented by Levis Commons Partnership

Submitted on May 30, 2019

Meeting with City of Perrysburg on June 4, 2019

Revised and Submitted on June 24, 2019

Revised and Submitted on March 22, 2022

March 22, 2022

Mayor Tom Mackin, City of Perrysburg & Perrysburg City Council

201 W. Indiana Avenue

Perrysburg, OH 43551

RE: Petition for Designated Outdoor Refreshment Area (DORA) @ Levis Commons

Dear Mayor Mackin & Perrysburg City Council,

The Levis Commons Partnership is requesting to create a Designated Outdoor Refreshment Area (DORA) @ Levis Commons, which would allow patrons at participating restaurants, bars, and entertainment venues to hold no more than sixteen (16) fluid ounces of an open alcoholic beverage in a designated DORA cup only in designated area. With our request, we're asking that the City of Perrysburg pass a new ordinance, pursuant to Ohio Revised Code 4301.82, to create a Designated Outdoor Refreshment Area (DORA) @ Levis Commons. The existing legislation requires specific considerations to which we propose in this petition.

Our sole mission is focused on *advancing the Levis Common's experience*. We believe that DORA will benefit City of Perrysburg by attracting more guests and residences, increasing revenue to the businesses and lead to more sales tax, improve entertainment and charity events, allow our restaurants to be more competitive and forward thinking, and continuing the growth and reputation of Levis Commons and Perrysburg. The Levis Commons Partnership is committed to assisting with the implementation and education that goes along with the opportunity of advancing DORA.

We submit this petition to you with broad support from the restaurants, bars, merchants, retailers, hotels, residences, office workers, and owners at Levis Commons. We look forward to collaborating with City of Perrysburg in creating DORA and *advancing the Levis Common's experience*. Please let us know if you have questions or if we can be of further assistance as you pursue this new ordinance.

Sincerely,

Rita Nelson, General Manager

Hill Partners

419-931-8888

RNelson@hillpartnersinc.com

Mel Ayers, Owner

Nagoya & Basil Restaurants

419-656-2043

mel@nagoyaohio.com

Contents in Petition

- Introduction Letter to Mayor Mackin & Perrysburg City Council page 1
- Contents in Petition page 2
- Specific boundaries of the area page 3
- Parcels included in the area page 4
- Signage designating the area page 5
- Sign Design page 6
- Hours of operation and other pertinent information page 7
- Cup Design and other important rules page 8
- Participating merchants page 10
- Land use and zoning page 11
- Rules for the area page 12
- Positive economic impacts page 13
- Ohio Revised Code page 13- 16
- Signatures of Support for DORA page 17

ORC 4301.82(B)(1), 4301.82(B)(1)(b), 4301.82(D)(2) and 4301.82(F)(1)(a)

Specific boundaries of the area, including street addresses

Specific boundaries of DORA: Dixie Highway, Roachton Road, drainage ditch east of Micheal Owens Way, and N. Wilkinson Way.

This area encompasses approximately 135 acres. A population of fifty - thousand or less is composed of three hundred twenty or fewer contiguous acres.

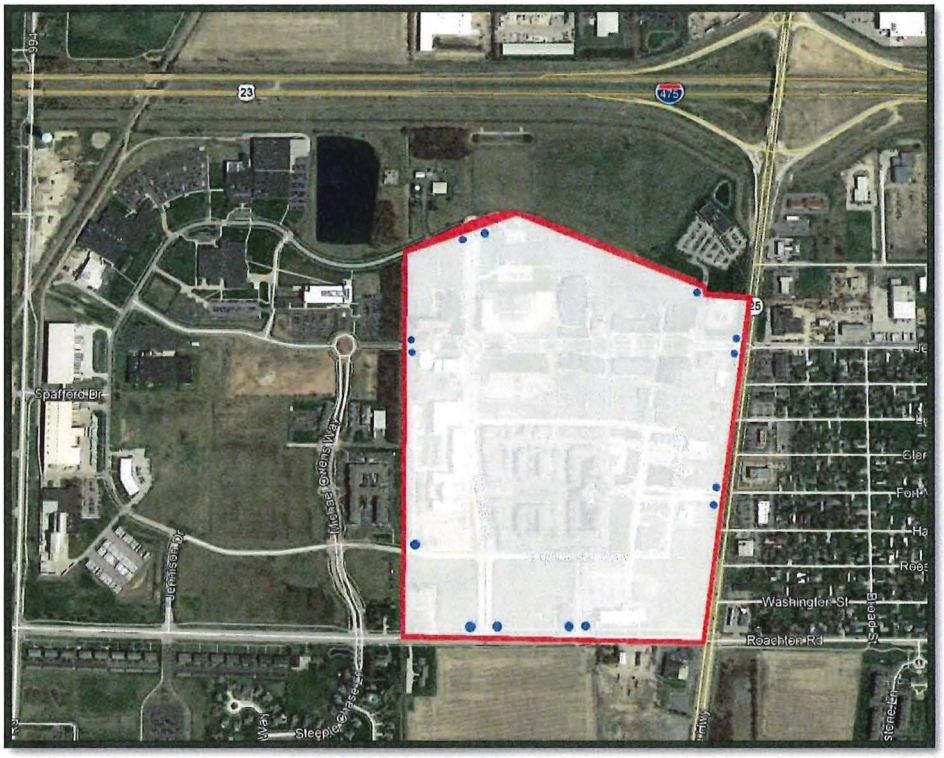
Parcels Included within the Boundary

ID	OWNER	ADDRESS	CITY	STATE	ZIP
Q61-400-180007004000	MOSAIC AT LEVIS COMMONS LLC	1000 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007009001	TOLEDO EDISON COMPANY	0 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007009000	MEADOWOOD ASSET MANAGEMENT LLC	1721 S WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007019001	PRESTON GARDENS DEVELOPMENT, LLC		Perrysburg	OH	43551
Q61-400-180007019000	PRESTON GARDENS DEVELOPMENT, LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007019002	MIDLAND AGENCY OF NORTHWEST OHIO INC TRUSTEE	12780 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007018002	LEVIS LODGING	0 S WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007018003	LEVIS HOSPITALITY LLC	12710 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007018500	LEVIS HOSPITALITY LLC	0 ROACHTON RD	Perrysburg	OH	43551
Q61-400-180007013001	PRESTON GARDENS ASSOCIATES	5101 HOLLENBECK	Perrysburg	OH	43551
Q61-400-180007013000	BNR GROUP LLC	4185 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007016000	R&J CONSTRUCTION INC & DOUGLAS MANOR LTD	2110 PRESTON PW	Perrysburg	OH	43551
Q61-400-180007017000	COMPASS ACQUISITIONS LLC	5100 BROCKWAY PL	Perrysburg	OH	43551
Q61-400-180007015000	DIRECTIONS CREDIT UNION INC	4150 BROCKWAY DR	Perrysburg	OH	43551
Q61-400-180007001002	OTTO AND DEE WEIK FAMILY LIMITED PARTNERSHIP	4100 BROCKWAY LN	Perrysburg	OH	43551
Q61-400-180007014001	CHAPPEL PLACE, LLC	0 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007014000	YU LI	4100 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180008018001	BROWNSTONE VILLAGE AT LEVIS COMMONS HOMEOWNERS' ASSOCIATION INC	0 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008013000	GUNZENHAEUSER KATHLEEN R	5122 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008018000	WOOD KENNETH P	5102 BOSTWICK RD	Perrysburg	OH	43551
Q16-400-180008017000	STEPHEN D ISEMAN	5106 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008016000	VANHOOZEN HALLIE B TRUSTEE	5110 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008015000	2132 BURROUGHS DRIVE LLC	5114 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008014000	BRIGADIER SEAN M & CAMON	5118 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008012000	RADABAUGH LYNN O	5132 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008011000	WAYNE GAIL & VIRGINIA E JONES	5136 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008010000	YUSTICK AMY E & ROBERT J	5140 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008009000	SCULFORT JACK T	5144 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008008000	ERNSEBERGER SALLY	5148 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008007001	ERNSEBERGER SALLY	5148 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008007000	SAVAGE CAROL A TRUSTEE	5152 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008006000	HUFFMAN JOHN L	5162 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008005000	DAVIS NICOLE J	5166 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008004000	SENATOR INTERNATIONAL PROPERTY LLC	5170 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008003000	MARTIN MARY JANE	5174 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008002000	LIEBENTHAL MICHAEL J	5178 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180008001000	THERRY FABOZZI	5182 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180007021000	NW ORLEANS PROPERTIES LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007021001	NW ORLEANS PROPERTIES LLC	3290 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007006000	OI LEVIS PARK STS INC	0 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007012001	BERMAN BUILDING COMPANY INC	0 BOSTWICK RD	Perrysburg	OH	43551
Q61-400-180007021004	NW ORLEANS PROPERTIES LLC	0 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007010002	LEVIS COMMONS LLC	3201 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007010004	LEVIS COMMONS LLC	3155 CHAPPEL DR	Perrysburg	OH	43551
Q61-400-180007010003	LEVIS COMMONS LLC	0 DIXIE HWY	Perrysburg	OH	43551
Q61-400-180007002003	NATIONAL RETAILPROPERTIES LP	1303 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007010005	LEVIS COMMONS LLC	0 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007022000	KRE HIP GARDEN PERRYSBURG OWNER LLC	5995 LEVIS COMMONS BLVD	Perrysburg	OH	43551
Q61-400-180007022001	KRE HIP GARDEN PERRYSBURG OWNER LLC	5995 HOLLISTER LN	Perrysburg	OH	43551
Q61-400-180007003000	BOWLING GREEN STATE UNIVERSITY	1655 WILKINSON WY	Perrysburg	OH	43551
Q61-400-180007002004	KRE HIP GARDEN PERRYSBURG OWNER LLC	0 DIXIE HWY	Perrysburg	OH	43551
Q61-400-180007021003	KRE HIP GARDEN PERRYSBURG OWNER LLC		Perrysburg	OH	43551

ORC 4301.82(F)(1)(b)

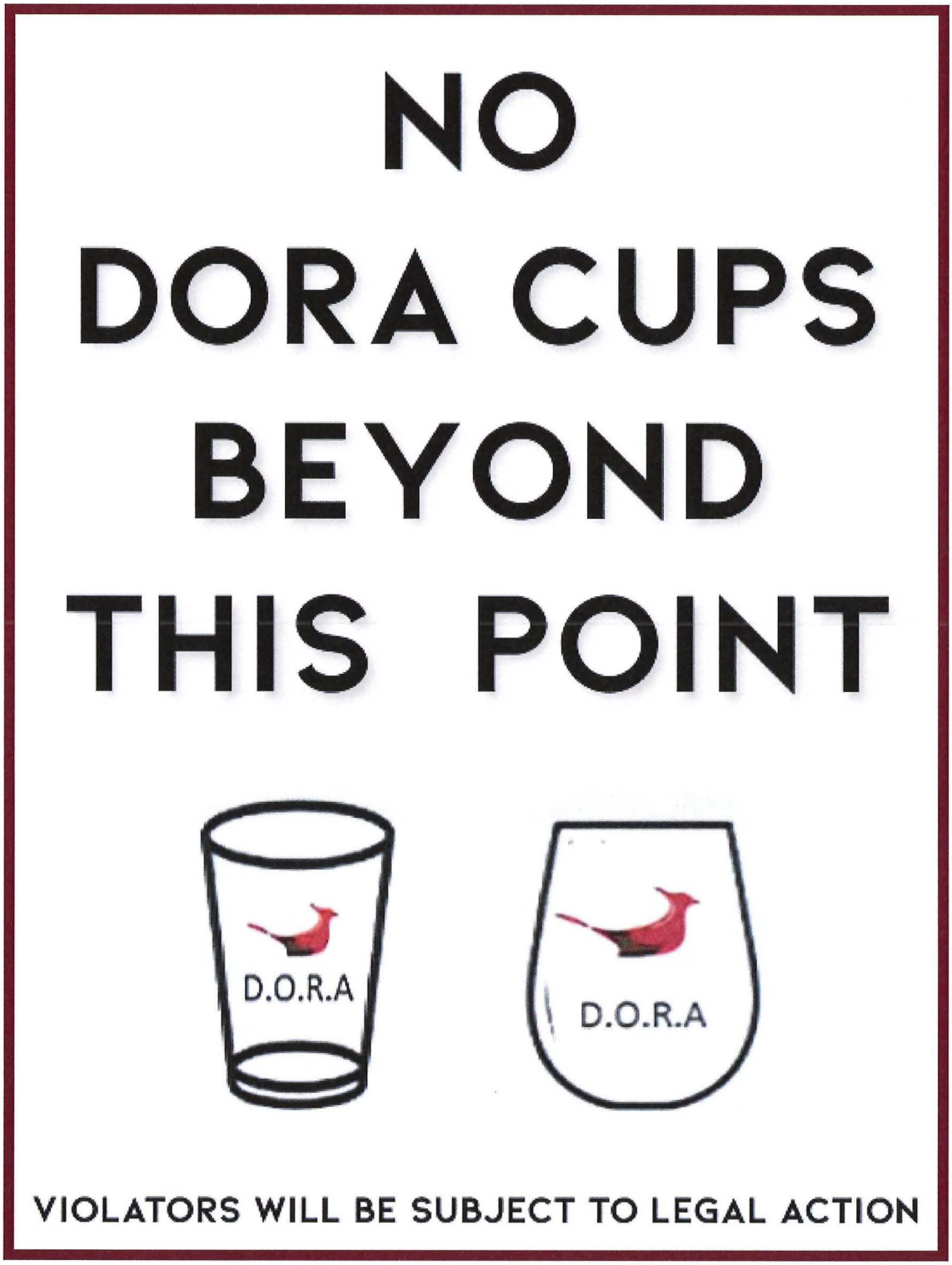
Number, spacing, and type of signage designating the area

Signage will include "No DORA cups beyond this point" and signs will be placed at every crosswalk and/or street leaving the designated area. Levis Commons Partnership will design a sign that will be approved by City of Perrysburg. Below is a map showing (14) proposed DORA sign locations anda sample sign. Final determination of number of signs, spacing and type will be approved by City of Perrysburg.



• = Sign

Sign Design


NO
DORA CUPS
BEYOND
THIS POINT
D.O.R.A
D.O.R.A
VIOLATORS WILL BE SUBJECT TO LEGAL ACTION

ORC 4301.82(F)(1)(c)

Hours of operation for area

Liquor permitted establishments may serve DORA cups 7 days a week from Noon until 11:00 p.m. (last DORA sales). All DORA beverages MUST be disposed of by 12:00 a.m.

ORC 4301.82(B)(5) and ORC 4301.82(F)(1)(d)

Number of personnel needed to ensure public safety in the area and communication with police.

Levis Commons Partnership will work with the on-site privately contracted security company to ensure understanding, training and compliance of all DORA rules and regulations for standard day to day activity and operations. Current security staffing is 217 hours per week with personnel patrolling the grounds until midnight on weekends. There is also 25+ security cameras throughout the site. Each participant will also be educated and trained to assist with public safety.

In addition to daily operations, Levis Commons Partnership will communicate directly with Perrysburg Police on all special events that would impact or increase the DORA usage. Any event expected to attract in excess of 200 people, or any event directly related to DORA consumption such as wine tastings,street fairs, craft beer sampling etc. will be considered notable and be preceded with a form submission to the police department at least 30 days prior to the event. The form submission will include the date and time of the event, an overview of the event, the planned security staffing for the event, the expected attendance of the event and the contact information for the event coordinator. If requested with due reasoning, Levis Commons Partnership will hire off duty officers per Perrysburg Police specifications to help manage the event.

ORC 4301.82(B)(5), ORC 4301.82(F)(1)(e) and ORC 4301.82(F)(1)(f)

Sanitation plan that will help maintain the appearance and public health of the area and number of personnel needed to execute the sanitation plan

<u>Trash receptacles:</u>

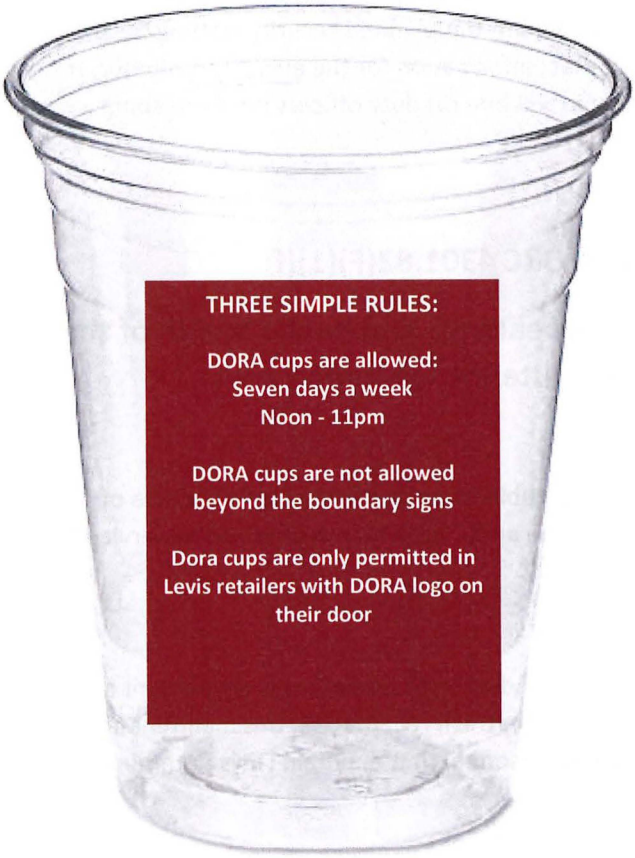
Trash receptacles will be provided outside each permitted establishment participating in the sale of alcohol in open containers and at each block corner within the area. Trash receptacles will be serviced as necessary to maintain a clean environment.

<u>General litter and debris:</u>

Maintaining a clean environment within the designated area and all Levis Commons is paramount and will include daily pickup of litter and debris. As with servicing the trash receptacles, this maintenance is currently contacted out to a couple companies with several personnel that maintain Levis Commons.

Cup Design
FRONT:

BACK:



ORC 4301.82(F)(1)(g)

All beer, wine, and intoxicating liquor will be served and contained in the official DORA plastic bottles or other non-glass container with the logo. No other containers are permitted.

Levis Common Partnership will design a unique and easily identifiable official cup for DORA @ Levis Commons. The official cup will be able to hold no more than sixteen (16) fluid ounces and will be composed of plastic. See proposed logo in addendum.

ORC 4301.82(B)(2)

Nature and types of establishments that will be located within the proposed refreshment area:

Levis Commons is a lifestyle center that is a highly sought-after place to live, work, shop, dine, and entertain. There is a diverse combination of retail, restaurants, bars, offices, apartments, hotels, single family residences (brownstones), and professional service businesses.

ORC 4301.82(B)(3)

Qualifying establishments participating in DORA.

DORA will encompass not fewer than four qualified permit holders. Levis Commons Partnership has identified (14) qualified permit holders that will be included in DORA; with the understanding there is a potential of more participants in 2022.

PARTICIPATING MERCHANTS

SIP-SHOP-STROLL

Bar Louie

SPECIALIZING IN OVERSIZED SANDWICHES AND SIGNATURE COCTAILS, BAR LOUIE SERVES UP GOOD TIMES ALL WEEK LONG.

basil pizza & wine bar

COME TO BASIL FOR A VAST WINE LIST TO COMPLIMENT THE HAND-CRAFTED, STONE-FIRED PIZZA, SALADS & ENTREE OFFERINGS.

BENCHMARK RESTAURANT

AN INNOVATIVE TAKE ON THE TRADITIONAL STEAK & SEAFOOD FARE. PAIRING EXCEPTIONAL DRINK OPTIONS, BENCHMARK RAISES THE BAR.

BIAGGI'S RISTORANTE ITALIANO

WITH AN IMPRESSIVE ARRAY OF MENU ITEMS AND COCKTAILS TO MATCH, BIAGGI'S IS A FAN FAVORITE FOR ANY OCCASION.

Blue Pacific GRILL

CREATE YOUR OWN STIR-FRY AND TEMPT YOUR TASTEBUDS WITH SIGNATURE SAUCES AND SPECIALTY DRINKS AT BLUE PACIFIC GRILL.

Hilton Garden Inn

GRAB A BITE AT GREAT AMERICAN GRILL INSIDE THE HILTON GARDEN INN, FEATURING A FULL BAR OF YOUR FAVORITE SPIRITS.

HOME2 SUITES BY HILTON

JOIN US FOR DRINKS AT THE PAPARAZZI LOBBY BAR INSIDE HOME2SUITES HOTEL, WHERE STYLE & EXTENDED STAY LUXURY ARE ONE IN THE SAME.

fat fish blue

AMERICAN BISTRO FARE WITH A NEW ORLEANS FLAIR, FAT FISH BLUE HOSTS AMAZING MUSICIANS AND THE FUNNY BONE COMEDY CLUB.

THE FLYING JOE COFFEE & COCKTAILS EST. 2007

HAND-CONCOCTED BEVERAGES, BOTH COFFEE AND COCKTAILS, ARE WHAT THEY DO BEST AT THE FLYING JOE.

NAGOYA JAPANESE STEAKHOUSE & SUSHI

ENJOY A FRONT-ROW SEAT HIBACHI-STAYLE WHILE YOUR DINNER IS COOKED TO PERFECTION AT NAGOYA.

Poco Piatti

TAKE A JOURNEY THROUGH MEDITERRANEAN CUISINE AT POCO PIATTI WITH SMALL PLATES - BIG ON TASTE.

TeaTree Asian Bistro

SKILLFULLY-PREPARED, AUTHENTIC ASIAN CUISINE AWAITS YOU AT TEA TREE ASIAN BISTRO; SUSHI AND COCKTAIL SPECIALS DAILY.

Holiday Inn Express & Suites

ENJOY A VARIETY OF UPSCALE SHOPPING, RESTAURANTS AND ENTERTAINMENT VENUES ALL WITHIN A MINUTES' WALK FROM THE HOTEL.

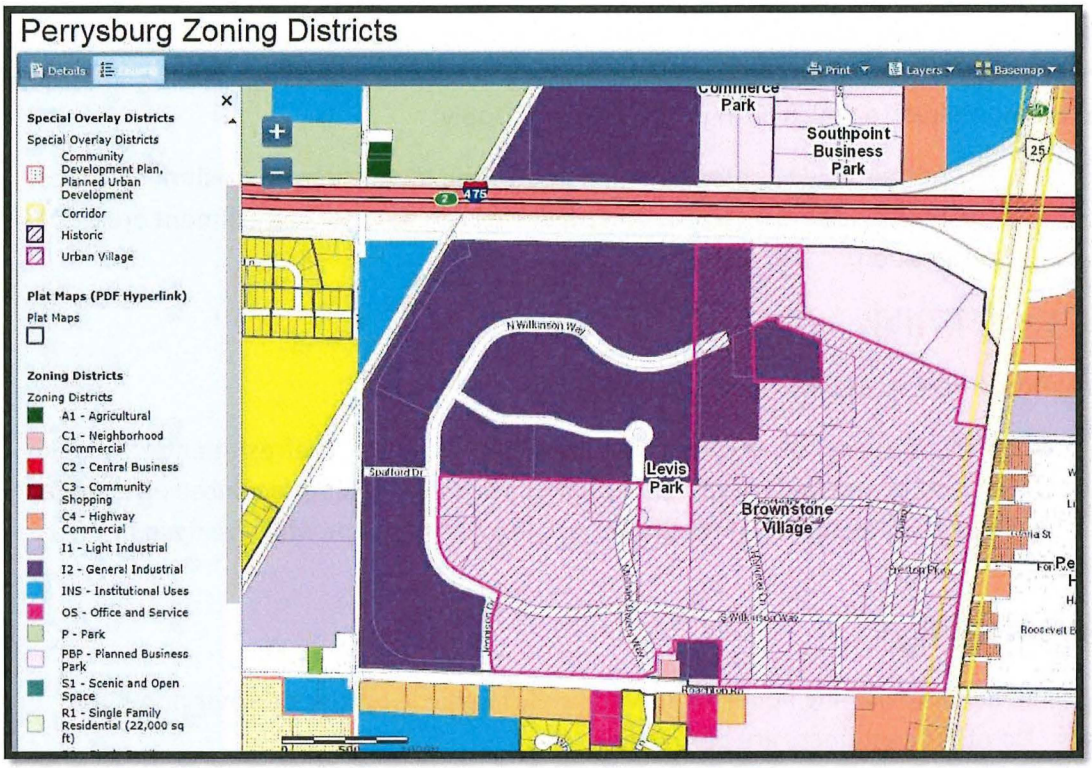
Funny Bone COMEDY CLUB RESTAURANT

40 DRAFTS ARE ON TAP AND ALWAYS ROTATING TO BRING A UNIQUE AND FLAVORFUL BEER SELECTION, AS WELL AS A FULL SERVICE BAR.

ORC 4301.82(B)(4)

Evidence that the uses of land within the proposed outdoor refreshment area are in accord with the master zoning plan:

Zoning in the designated DORA area is Urban Village Special Overlay



ORC 4301.62(C)(7)

Rules of The Area

Rules of Ohio Substitute House Bill 47:

ORC 4301.62(C)(7)(a):

A person may have in the person's possession an opened container of beer or intoxicating liquor at an outdoor location within an outdoor refreshment area created under 4301.82 of the Ohio Revised Code if the opened container of beer or intoxicating liquor was purchased from a qualified permit holder to which both of the following apply:

(i) The permit holder's premise is located within the outdoor refreshment area.
(ii) The permit is held by the permit holder has an outdoor refreshment area designation.

ORC 4301.62(C)(7)(b):

Outdoor Refreshment Area Participants may NOT:

(i) Enter the premises of an establishment within an outdoor refreshment area while possessing an opened container of beer or intoxicating liquor acquired elsewhere;
(ii) Possess an opened container of beer or intoxicating liquor while being in or on a motor vehicle.

ORC 4301.82(F)(1)(g)

All beer, wine, and intoxicating liquor be served solely in plastic bottles or other non-glass containers. No other containers are permitted.

Additional Rules of DORA @ Levis Commons

Only one (1) official DORA cup will be permitted at a time per DORA patron.

All DORA beverages must be served in a new and unused official cup.

Assumption of Good Behavior by DORA Patrons:

A DORA patron can expect to enjoy the Outdoor Refreshment area without restraint, questioning, or harassment SO LONG AS the DORA participant correctly follows the Rules of The Area, and maintain a decorum of good behavior, free of public drunkenness, property destruction, or any action that disrupts the enjoyment of another DORA participant, or disrupts any establishment, property owner, resident, or patron within the DORA.

Violation of any of these Rules of The Area shall be considered a minor misdemeanor and violators face warnings in accordance with ORC.

POSITIVE ECONOMIC IMPACTS

The Levis Commons Partnership is confident that the Designated Outdoor Refreshment Area will enhance the entertainment and cultural appeal of Levis Commons as a destination and will serve to enhance economic appeal and make Levis Commons and Perrysburg more attractive to businesses and residences. DORA at Levis Commons will benefit City of Perrysburg by attracting more guests and residences, increasing revenue to the businesses and lead to more sales tax, improve entertainment and charity events, allow our restaurants to be more competitive and forward thinking, and continuing the growth and reputation of Levis Commons and Perrysburg.

OHIO REVISED CODE (copy)

4301.82 Designated outdoor refreshment areas.

(A) As used in this section:

(1) "Qualified permit holder" means the holder of an A-1, A-1-A, A-1c, A-2, A-2f, or D class permit issued under Chapter 4303. of the Revised Code.

(2) "D class permit" does not include a D-6 or D-8 permit.

(B) The executive officer of a municipal corporation or the fiscal officer of a township may file an application with the legislative authority of the municipal corporation or township to have property within the municipal corporation or township designated as an outdoor refreshment area or to expand an existing outdoor refreshment area to include additional property within the municipal corporation or township. The executive officer or fiscal officer shall ensure that the application contains all the following:

(1) A map or survey of the proposed outdoor refreshment area in sufficient detail to identify the boundaries of the area, which shall not exceed either of the following, as applicable:

(a) Six-hundred forty contiguous acres if the municipal corporation or township has a population of more than fifty thousand as specified in division (D) of this section;

(b) Three hundred twenty contiguous acres if the municipal corporation or township has a population of fifty thousand or less as specified in division (D) of this section.

(2) A general statement of the nature and types of establishments that will be located within the proposed outdoor refreshment area;

(3) A statement that the proposed outdoor refreshment area complies with division (D) of this section;

(4) Evidence that the uses of land within the proposed outdoor refreshment area are in accord with the master zoning plan or map of the municipal corporation or township;

(5) Proposed requirements for the purpose of ensuring public health and safety within the proposed outdoor refreshment area.

(C) Within forty-five days after the date the application is filed with the legislative authority of a municipal corporation or township, the legislative authority shall publish public notice of the application once a week for two consecutive weeks in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code. The legislative authority shall ensure that the notice states that the application is on file in the office of the clerk of the municipal corporation or township and is available for inspection by the public during regular business hours. The legislative authority also shall indicate in the notice the date and time of any public hearing to be held regarding the application by the legislative authority.

Not earlier than thirty but not later than sixty days after the initial publication of notice, the legislative authority shall approve or disapprove the application by either ordinance or resolution, as applicable. Approval of an application requires an affirmative vote of a majority of the legislative authority. Upon approval of the application by the legislative authority, the territory described in the application constitutes an outdoor refreshment area. The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the approval of the application and a description of the area specified in the application. If the legislative authority disapproves the application, the executive officer of a municipal corporation or fiscal officer of a township may make changes in the application to secure its approval by the legislative authority.

(D) The creation of outdoor refreshment areas is limited as follows:

(1) A municipal corporation or township with a population of more than fifty thousand shall not create more than six outdoor refreshment areas. Any such outdoor refreshment area shall include at least four qualified permit holders.

(2) A municipal corporation or township with a population of fifty thousand or less shall not create more than three outdoor refreshment areas. Any such outdoor refreshment area shall include at least two qualified permit holders.

For purposes of this section, the population of a municipal corporation or township is deemed to be the population shown by the most recent regular federal decennial census.

(E) As soon as possible after receiving notice that an outdoor refreshment area has been approved, the division of liquor control, for purposes of section 4301.62 of the Revised Code, shall issue an outdoor refreshment area designation to each qualified permit holder located within the refreshment area that is in compliance with all applicable requirements under Chapters 4301. and 4303. of the Revised Code. The division shall not charge any fee for the issuance of the designation. Any permit holder that receives such a designation shall comply with all laws, rules, and regulations that govern its license type, and the applicable public health and safety requirements established for the area under division (F) of this section.

(F)(1) At the time of the creation of an outdoor refreshment area, the legislative authority of a municipal corporation or township in which such an area is located shall adopt an ordinance or resolution, as applicable, that establishes requirements the legislative authority determines necessary to ensure public health and safety within the area. The legislative authority shall include in the ordinance or resolution all the following:

(a) The specific boundaries of the area, including street addresses;

(b) The number, spacing, and type of signage designating the area;

(c) The hours of operation for the area;

(d) The number of personnel needed to ensure public safety in the area;

(e) A sanitation plan that will help maintain the appearance and public health of the area;

(f) The number of personnel needed to execute the sanitation plan;

(g) A requirement that beer and intoxicating liquor be served solely in plastic bottles or other non-glass containers in the area.

The legislative authority may, but is not required to, include in the ordinance or resolution any public health and safety requirements proposed in an application under division (B) of this section to designate or expand the outdoor refreshment area. The legislative authority may subsequently modify the public health and safety requirements as determined necessary by the legislative authority.

(2) Prior to adopting an ordinance or resolution under this division, the legislative authority shall give notice of its proposed action by publication once a week for two consecutive weeks in one newspaper of general circulation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

(3) The legislative authority shall provide to the division of liquor control and the investigative unit of the department of public safety notice of the public health and safety requirements established or modified under this division.

(G) If an outdoor refreshment area has been created in accordance with this section, the holder of an F class permit that sponsors an event located in the outdoor refreshment area may apply to the division for issuance of an outdoor refreshment area designation. The division shall issue such a designation if the division determines that the permit holder is in compliance with all applicable requirements established under this chapter and Chapter 4303. of the Revised Code. An F class permit holder that receives a designation under this division shall do both of the following:

(1) Comply with all laws, rules, and regulations that govern its type of permit, and the applicable public health and safety requirements established for the outdoor refreshment area under division (F) of this section;

(2) Not block ingress or egress to the outdoor refreshment area or any other liquor permit premises located within the area.

(H) Section 4399.18 of the Revised Code applies to a liquor permit holder located within an outdoor refreshment area in the same manner as if the liquor permit holder were not located in an outdoor refreshment area.

(I)(1) Five years after the date of creation of an outdoor refreshment area, the legislative authority of the municipal corporation or township that created the area under this section shall review the operation of the area and shall, by ordinance or resolution, either approve the continued operation of the area or dissolve the area. Prior to adopting the ordinance or resolution, the legislative authority shall give notice of its proposed action by publication in one newspaper of generalcirculation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.

If the legislative authority dissolves the outdoor refreshment area, the outdoor refreshment area ceases to exist. The legislative authority then shall provide notice of its action to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshment area designations issued to qualified permit holders within the dissolved area. If the legislative authority approves the continued operation of the outdoor refreshment area, the area continues in operation.

(2) Five years after the approval of the continued operation of an outdoor refreshment area under division (I)(1) of this section, the legislative authority shall conduct a review in the same manner as

provided in division (I)(1) of this section. The legislative authority also shall conduct such a review five years after any subsequent approval of continued operation under division (I)(2) of this section.

(J) At any time, the legislative authority of a municipal corporation or township in which an outdoor refreshment area is located may, by ordinance or resolution, dissolve all or a part of the outdoor refreshment area. Prior to adopting the resolution or ordinance, the legislative authority shall give notice of its proposed action by publication one newspaper of generalcirculation in the municipal corporation or township or as provided in section 7.16 of the Revised Code.If the legislative authority dissolves all or part of an outdoor refreshment area, the area designated in the ordinance or resolution no longer constitutes an outdoor refreshment area. The legislative authorityshall provide notice of its actions to the division of liquor control and the investigative unit of the department of public safety. Upon receipt of the notice, the division shall revoke all outdoor refreshmentarea designations issued to qualified permit holders or the holder of an F class permit within the dissolvedarea or portion of the area.

Amended by 132nd General Assembly File No. TBD, HB 522, §1, eff. 3/22/2019.

Amended by 131st General Assembly File No. TBD, HB 342, §1, eff. 9/28/2016.

Added by 131st General Assembly File No. TBD, HB 47, §1, eff. 4/30/2015.

Signatures of Support for Ordinance for DORA @ Levis Commons

NAME	BUSINESS	ADDRESS	SIGNATURE	DATE
Kirk Falkner	Blue Pacific	7150 Levis Commons Blvd	Kirk Falkner	2-23-22
Jeksoo Choe	Bar Louie	4105 Levis Commons Blvd.	[illegible]	2/23/22
Katrina Young	Preston Gardens	5101 Hollenbeck Dr.	[illegible]	3-3-22
Justin Estep	Mosaic Levis Commons	1000 Hollister Ln	[illegible]	3-3-22
Izzet Sozeri	Hilton Garden Inn	6165 Levis Commons Blvd	[illegible]	3-3-22
Izzet Sozeri	Home2 Suites by Hilton	5995 Levis Commons Blvd	[illegible]	3-3-22
Cynda Lake	Poco Platti	3155 Chapple	[illegible]	3-3-22
Chi Yi (Kim)	Tea Tree Asian Bistro	4100 Chappel Dr	[illegible]	3-3-22
Sue Rodriguez	Holiday Inn Express & Suites	12710 Rockhill Rd	[illegible]	3-3-22
Courtney Barber	Biaggis Ristorante Italiano	1320 Levis Commons Blvd	[illegible]	3-3-22
ALEXANDRA WORKMAN	THE FLYING JOE	2130 PRESTON PARKWAY	[illegible]	3.4.22
John S. Luppino	Basil Pizza + WB	3147 Hollister Ln	[illegible]	3.4.22
Evelyne Janto	Nagoya Japanese Steak & Sushi	6190 Levis Commons Blvd	[illegible]	03/04/2022
Nadia Castillo	Finnin's Bone	10140 Levis Commons	[illegible]	3/4/22
JENNIFER NEWTON	Draftcade	10140 LEVIS COMMONS BLVD	[illegible]	3-4-22
Jeff Dinnebeil	Benchmark	6130 Levis Commons Blvd	[illegible]	3/4/22

TO: Mayor Mackin
President Fuller
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 88-2025

DATE: October 7, 2025

Subject Matter/Background

Article III, Section III – 10.0 of the Perrysburg City Charter provides the City Council with the power to determine the method, manner, consideration and procedure for the purchase of property on behalf of the Municipality and the sale or disposal thereof.

The Department of Service is no longer in need of the following property, the values of which have been determined to be over One Thousand Dollars:

One (1) used 2008 John Deere 324P Compact Wheel Loader (VIN: N8GP01439)

In accordance with Ohio Revised Code §721.15 it is necessary to legislatively authorize the disposal of property valued at over One Thousand Dollars only after determining the property is no longer needed or unfit for municipal purposes. Murphy Tractor and Equipment Co. has offered a trade-in amount of Twenty-Two Thousand Seven Hundred Dollars and Zero Cents ($22,700.00) for the 2008 John Deere 324P Compact Wheel Loader (VIN: N8GP01439) that is no longer needed for municipal purposes. This trade-in amount offered will be assessed towards the total cost of the purchase of a new John Deere 324 P-Tier Compact Wheel Loader, bringing the total contract price down to One Hundred Six Thousand Nine Hundred Eighty-Nine Dollars and Twenty-Eight Cents ($106,929.28).

Financial Review

There is no financial impact on the City.

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this legislation as an emergency is appropriate. An emergency is requested to ensure timely purchase and delivery of the equipment.

RESOLUTION 88-2025

A RESOLUTION DECLARING CERTAIN EQUIPMENT CURRENTLY USED BY THE SERVICE DEPARTMENT AS NO LONGER NEEDED FOR MUNICIPAL PURPOSES; AND DECLARING AN EMERGENCY

WHEREAS, Article III, Section III – 10.0 of the Perrysburg City Charter provides the City Council with the power to determine the method, manner, consideration and procedure for the purchase of property on behalf of the Municipality and the sale or disposal thereof; and,

WHEREAS, the Service Department is no longer in need of one (1) used 2008 John Deere 324P Compact Wheel Loader (VIN: N8GP01439), the value of which has been determined to be over One Thousand Dollars; and,

WHEREAS, in accordance with Ohio Revised Code §721.15 it is necessary to legislatively authorize the disposal of property valued at over One Thousand Dollars only after determining the property is no longer needed or unfit for municipal purposes; and,

WHEREAS, Murphy Tractor and Equipment Co. has offered a trade-in amount of Twenty-Two Thousand Seven Hundred Dollars and Zero Cents ($22,700.00) for the 2008 John Deere 324P Compact Wheel Loader (VIN: N8GP01439) that is no longer needed for municipal purposes.

WHEREAS, the trade-in amount offered by Murphy Tractor and Equipment Co. will be assessed towards the total cost of the purchase of a new John Deere 324 P-Tier Compact Wheel Loader, bringing the total contract price down to One Hundred Six Thousand Nine Hundred Eighty-Nine Dollars and Twenty-Eight Cents ($106,929.28).

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. City Council hereby authorizes the trade-in of the 2008 John Deere 324P Compact Wheel Loader (VIN: N8GP01439) that is no longer needed for municipal purposes to Murphy Tractor and Equipment Co., who is offering Twenty-Two Thousand Seven Hundred Dollars and Zero Cents ($22,700.00).

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public

in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, to ensure timely purchase and delivery of the equipment, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

_____
President of Council

_____
Mayor

PASSED_____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

Quote Id: 33304018

Prepared For:

CITY OF PERRYSBURG STREET DIVISION

Prepared By: **MASON CARRIERO**

Murphy Tractor & Equipment
9400 Bass Pro Blvd.
Rossford, OH 43460

Tel: 833-910-4475
Mobile Phone: 567-694-4141
Email: mcarriero@murphytractor.com

Date: 11 August 2025 Offer Expires: 31 October 2025

JOHN DEERE

Quote Summary

Prepared For

CITY OF PERRYSBURG STREET DIVISION
11980 ROACHTON RD
PERRYSBURG, OH 43551
Business: 419-872-8020

Prepared By

MASON CARRIERO
Murphy Tractor & Equipment
9400 Bass Pro Blvd.
Rossford, OH 43460
Phone: 833-910-4475
Mobile: 567-694-4141
mcarriero@murphytractor.com

Source well information:
Buyer ID: 60814
Dealer ID: 011723-JDC

Quote Id:	33304018
Created On:	11 August 2025
Last Modified On:	30 September 2025
Expiration Date:	31 October 2025

Equipment Summary	Suggested List	Selling Price		Qty		Extended
JOHN DEERE 324 P-Tier Compact Wheel Loader	$ 175,255.79	$ 129,689.28	X	1	=	$ 129,689.28
Equipment Total						**$ 129,689.28**

Trade In Summary	Qty	Each	Extended
2008 CASE IH 321E - N8GP01439	1	$ 22,700.00	$ 22,700.00
PayOff			$ 0.00
Total Trade Allowance			$ 22,700.00
Trade In Total			**$ 22,700.00**

Quote Summary	
Equipment Total	$ 129,689.28
Trade In	$ (22,700.00)
SubTotal	$ 106,989.28
Est. Service Agreement Tax	
Total	$ 106,989.28
Balance Due	**$ 106,989.28**

Salesperson : X_____ **Accepted By : X** _____

Selling Equipment

Quote Id: 33304018 **Customer:** CITY OF PERRYSBURG STREET DIVISION

JOHN DEERE 324 P-Tier Compact Wheel Loader

Suggested List
$ 175,255.79
Selling Price
$ 129,689.28

Hours:
Stock Number:

Code	Description	Qty	Unit	Extended
01H0T	324 P-Tier Compact Wheel Loader	1	$ 152,057.00	$ 152,057.00
	Standard Options - Per Unit			
183B	Less JDLink	1	$ 0.00	$ 0.00
0202	United States of America	1	$ 0.00	$ 0.00
0259	Operator's Manual, English	1	$ 0.00	$ 0.00
0452	High Lift Z-Bar Linkage	1	$ 2,225.00	$ 2,225.00
0507	Level 4 Package	1	$ 11,089.00	$ 11,089.00
0950	Less Vision System	1	$ 0.00	$ 0.00
3003	Hydrostat With Two Speed Synchronized Shift-On-Fly Transmission - High Speed	1	$ 0.00	$ 0.00
4062	YANMAR 4TNV98CT FT4/EU STAGE V	1	$ 0.00	$ 0.00
5362	405/70R20 Mitas EM-01	1	$ 0.00	$ 0.00
6052	Halogen Work Lights	1	$ 0.00	$ 0.00
7400	Less Coupler/Quick-Tatch Coupler Ready	1	$ 0.00	$ 0.00
7500	Less Fork Frame	1	$ 0.00	$ 0.00
7800	Less Bucket	1	$ 0.00	$ 0.00
	Standard Options Total			**$ 13,314.00**
	Dealer Attachments			
AT412608	Skid Steer Compatible Quik-Tatch Coupler	1	$ 2,485.00	$ 2,485.00
246511	New JOHN DEERE AT413237, 1.4 CY QUIK TATCH GP BKT AT413237	1	$ 4,867.00	$ 4,867.00
	Dealer Attachments Total			**$ 7,352.00**
	Other Charges			
	Setup	1	$ 945.95	$ 945.95
	Fuel	1	$ 371.62	$ 371.62
	Followup	1	$ 1,215.22	$ 1,215.22

Selling Equipment

Quote Id: 33304018 **Customer:** CITY OF PERRYSBURG STREET DIVISION

	Other Charges Total		**$ 2,532.79**
	Suggested Price		**$ 175,255.79**
	Customer Discounts		
	Customer Discounts Total	**$ -45,566.51**	**$ -45,566.51**
Total Selling Price			**$ 129,689.28**

TO: Mayor Mackin
President Fuller
Members of City Council

FROM: Timothy W. Effler, Law Director

RE: Resolution 89-2025

DATE: October 7, 2025

Subject Matter/Background

On May 6, 2025, the City of Perrysburg passed Resolution 42-2025, awarding the contract for the 2025 Pavement Marking Project to Griffin Pavement Striping, LLC, in an amount not to exceed One Hundred Twenty-Eight Thousand Eight Hundred Ninety-One Dollars and Thirteen Cents ($128,891.13). During the course of the project, Griffin Pavement Striping, LLC proposed additional work which was deemed necessary and beneficial by the Department of Public Service and Engineering. While the additional work was not officially authorized prior to completion, it was performed by the contractor and later reviewed by the department.
The cost of the unapproved but completed additional work totaled Twenty Thousand Eight Hundred Twelve Dollars and Ninety-Seven Cents ($20,812.97), causing the overall project to exceed its original limit. The Department of Public Service has requested that City Council ratify this additional work and amend the original resolution to increase the limit to not exceed One Hundred Forty-Nine Thousand Seven Hundred Four Dollars and Ten Cents ($149,704.10).

Financial Review

Account: 2223-71545-53999

Legal Review

This legislation has been reviewed and is appropriately before you.

Recommendation

If City Council is in agreement, a motion to suspend the rules, waive the three readings and pass this Resolution as an emergency is recommended, to ensure timely payment for the completed work.

RESOLUTION 89-2025

A RESOLUTION RATIFYING CERTAIN WORK PERFORMED BY GRIFFIN PAVEMENT STRIPING, LLC AND AMENDING RESOLUTION 42-2025 TO INCREASE THE NOT TO EXCEED LIMIT TO ONE HUNDRED FORTY-NINE THOUSAND SEVEN HUNDRED FOUR DOLLARS AND TEN CENTS ($149,704.10) FOR THE 2025 PAVEMENT MARKING PROJECT; AND DECLARING AN EMERGENCY

WHEREAS, on May 6, 2025, the City of Perrysburg, Ohio passed Resolution 42-2025 awarding a Bid to Griffin Pavement Striping, LLC and authorizing the Mayor and Director of Finance to enter into an Agreement with Griffin Pavement Striping, LLC for the 2025 Pavement Marking Project; and,

WHEREAS, that Agreement had a not to exceed limit of One Hundred Twenty-Eight Thousand Eight Hundred Ninety-One Dollars and Thirteen Cents ($128,891.13); and,

WHEREAS, during the Project, Griffin Pavement Striping, LLC proposed additional striping services that the Department of Public Service and Engineering found necessary to the project and beneficial to the community; however, Griffin Pavement Striping, LLC proceeded with the additional striping services prior to receiving official authorization to do so; and,

WHEREAS, the additional striping services caused the Project to run over the not to exceed limit by Twenty Thousand Eight Hundred Twelve Dollars and Ninety-Seven Cents ($20,812.97); and,

WHEREAS, the Department of Public Service is requesting that City Council ratify the work performed by Griffin Pavement Striping, LLC and authorize an amendment to Resolution 42-2025 to add an additional Twenty Thousand Eight Hundred Twelve Dollars and Ninety-Seven Cents ($20,812.97) to the Agreement's not to exceed limit, for a total project cost not to exceed One Hundred Forty-Nine Thousand Seven Hundred Four Dollars and Ten Cents ($149,704.10); and,

WHEREAS, at its September 24, 2025 meeting the Service Committee of Council unanimously recommended approval of the amendment to the Agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PERRYSBURG, WOOD COUNTY, OHIO:

SECTION 1. City Council hereby authorizes the amendment to Resolution 42-2025, ratifies the work performed by Griffin Pavement Striping, LLC, and further authorizes the Mayor and Director of Finance to execute any necessary documents to allow for the payment of the additional Twenty Thousand Eight Hundred Twelve Dollars and Ninety-Seven Cents ($20,812.97) invoiced by Griffin Pavement Striping, LLC for the 2025 Pavement Marking Project, for a total project cost not to exceed One Hundred Forty-Nine Thousand Seven Hundred Four Dollars and Ten Cents ($149,704.10), as invoiced in Exhibit A.

SECTION 2. It is found and determined that all formal actions of Council concerning or relating to the passage of this Resolution were adopted in an open meeting of the Council, and that all deliberations of this Council and any of its committees, that resulted in such formal actions, were in meetings open to the public in compliance with all legal requirements of the City of Perrysburg and the State of Ohio.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health and safety of the citizens of the City of Perrysburg, Wood County, Ohio, in order to permit the City to pay for the completed work in a timely manner, and shall be in full force and effect from and immediately after its passage and approval by the Mayor.

_____
President of Council

_____
Mayor

PASSED: _____

ATTEST: _____

APPROVED: _____

Timothy W. Effler
LAW DIRECTOR

Griffin Pavement Striping, LLC
2383 Harrison Road
Columbus, OH 43204
(614)276-2622

MONTHLY PAY APPLICATION

INVOICE NO: 11689
PAY APPLICATION NO: 1
PERIOD TO: 6/26/2025
APPLICATION DATE: 6/28/2025
JOB NUMBER: 404925

TO: City of Perrysburg
201 West Indiana Ave.
Perrysburg, OH 43551

CONTRACT #:
PROJECT: Perrysburg Pavement Marking

LINE	ITEM NO	DESCRIPTION	UNIT	BID QUANTITY	UNIT PRICE	SCHEDULED VALUE	PREVIOUS QUANTITY	PREVIOUS AMOUNT	CURRENT QUANTITY	CURRENT AMOUNT	TO DATE QUANTITY	TO DATE AMOUNT	% COMP
	642E00090	Edge Line 4 Inch	MILE	22.37	475.00	10,625.75		0.00	16.14	7,666.50	16.14	7,666.50	72.15%
	642E00090	Edge Line 4 Inch, Yellow	MILE	3.32	475.00	1,577.00		0.00					.00%
	642E00190	Lane Line 4 Inch	MILE	8.60	400.00	3,440.00		0.00					.00%
	642E00290	Center Line 4 Inch	MILE	32.23	700.00	22,561.00		0.00	28.31	19,817.00	28.31	19,817.00	87.84%
	642E00390	Channelizing Line 8 Inch	FT	19,800.00	.60	11,880.00		0.00	42.00	25.20	42.00	25.20	.21%
	642E00690	Transverse Line	FT	4,667.00	2.00	9,334.00		0.00	6,648.00	13,296.00	6,648.00	13,296.00	142.45%
	642E01108	School Symbol 96 Inch	EACH	16.00	135.00	2,160.00		0.00	16.00	2,160.00	16.00	2,160.00	100.00%
	642E01290	Lane Arrow	EACH	375.00	40.00	15,000.00		0.00	499.00	19,960.00	499.00	19,960.00	133.07%
	642E01490	Dotted Line 4 Inch	FT	3,300.00	1.00	3,300.00		0.00					.00%
	642E00990	Railroad Symbol Marking	EACH	31.00	120.00	3,720.00		0.00	34.00	4,080.00	34.00	4,080.00	109.68%
	642E00490	Stop Line	FT	2,500.00	2.00	5,000.00		0.00	4,100.00	8,200.00	4,100.00	8,200.00	164.00%
	642E00590	Crosswalk Line 24"	FT	12,153.00	2.00	24,306.00		0.00	19,513.00	39,026.00	19,513.00	39,026.00	160.56%
	642E20800	Bike Crossing	EA	2.00	100.00	200.00		0.00	2.00	200.00	2.00	200.00	100.00%
	642E00910	Bullnose	SF	170.00	2.00	340.00		0.00	166.00	332.00	166.00	332.00	97.65%
	642E01190	Parking Lot Stall Marking	FT	270.00	1.00	270.00		0.00					.00%
	642E01700	Handicap Symbol Marking	EACH	1.00	100.00	100.00		0.00					.00%
	642E00590	Sharrow Markings	EA	42.00	80.00	3,360.00		0.00	38.00	3,040.00	38.00	3,040.00	90.48%
	642E30000	Removal of Pavement Marking	FT		3.00			0.00	85.00	255.00	85.00	255.00	.00%

			CURRENT		TO DATE	
CONTRACT TOTAL: $	**117,173.75**	$ TOTAL: $	118,057.70	$	118,057.70	100.75%
		RETAINAGE: $		$		
		LESS PREVIOUS BILLINGS:		$		
		CURRENT AMOUNT DUE: $	**118,057.70**	**$**	**118,057.70**	

Griffin Pavement Striping, LLC
2383 Harrison Road
Columbus, OH 43204
(614)276-2622

MONTHLY PAY APPLICATION

INVOICE NO: 11824
PAY APPLICATION NO: 2
PERIOD TO: 7/09/2025
APPLICATION DATE: 7/24/2025
JOB NUMBER: 404925

TO: City of Perrysburg
201 West Indiana Ave.
Perrysburg, OH 43551

CONTRACT #:
PROJECT: Perrysburg Pavement Marking

LINE	ITEM NO	DESCRIPTION	UNIT	BID QUANTITY	UNIT PRICE	SCHEDULED VALUE	PREVIOUS QUANTITY	PREVIOUS AMOUNT	CURRENT QUANTITY	CURRENT AMOUNT	TO DATE QUANTITY	TO DATE AMOUNT	% COMP
	642E00090	Edge Line 4 Inch	MILE	22.37	475.00	10,625.75	16.14	7,666.50	7.17	3,405.75	23.31	11,072.25	104.20%
	642E00090	Edge Line 4 Inch, Yellow	MILE	3.32	475.00	1,577.00		0.00	2.63	1,249.25	2.63	1,249.25	79.22%
	642E00190	Lane Line 4 Inch	MILE	8.60	400.00	3,440.00		0.00	11.27	4,508.00	11.27	4,508.00	131.05%
	642E00290	Center Line 4 Inch	MILE	32.23	700.00	22,561.00	28.31	19,817.00	3.30	2,310.00	31.61	22,127.00	98.08%
	642E00390	Channelizing Line 8 Inch	FT	19,800.00	.60	11,880.00	42.00	25.20	21,754.00	13,052.40	21,796.00	13,077.60	110.08%
	642E00690	Transverse Line	FT	4,667.00	2.00	9,334.00	6,648.00	13,296.00			6,648.00	13,296.00	142.45%
	642E01108	School Symbol 96 Inch	EACH	16.00	135.00	2,160.00	16.00	2,160.00	2.00	270.00	18.00	2,430.00	112.50%
	642E01290	Lane Arrow	EACH	375.00	40.00	15,000.00	499.00	19,960.00	21.00	840.00	520.00	20,800.00	138.67%
	642E01490	Dotted Line 4 Inch	FT	3,300.00	1.00	3,300.00		0.00	5,175.00	5,175.00	5,175.00	5,175.00	156.82%
	642E00990	Railroad Symbol Marking	EACH	31.00	120.00	3,720.00	34.00	4,080.00			34.00	4,080.00	109.68%
	642E00490	Stop Line	FT	2,500.00	2.00	5,000.00	4,100.00	8,200.00	63.00	126.00	4,163.00	8,326.00	166.52%
	642E00590	Crosswalk Line 24"	FT	12,153.00	2.00	24,306.00	19,513.00	39,026.00	355.00	710.00	19,868.00	39,736.00	163.48%
	642E20800	Bike Crossing	EA	2.00	100.00	200.00	2.00	200.00			2.00	200.00	100.00%
	642E00910	Bullnose	SF	170.00	2.00	340.00	166.00	332.00			166.00	332.00	97.65%
	642E01190	Parking Lot Stall Marking	FT	270.00	1.00	270.00		0.00					.00%
	642E01700	Handicap Symbol Marking	EACH	1.00	100.00	100.00		0.00					.00%
	642E00590	Sharrow Markings	EA	42.00	80.00	3,360.00	38.00	3,040.00			38.00	3,040.00	90.48%
	642E30000	Removal of Pavement Marking	FT		3.00		85.00	255.00			85.00	255.00	.00%

				CURRENT		TO DATE	
CONTRACT TOTAL: $	**117,173.75**	$ 118,057.70	TOTAL: $	31,646.40	$	149,704.10	127.76%
			RETAINAGE: $		$		
			LESS PREVIOUS BILLINGS:		$	118,057.70	
			CURRENT AMOUNT DUE: $	**31,646.40**	**$**	**31,646.40**	