

Blain's Farm and Fleet of Waukesha – Pet Wash Planning Commission Review Responses Project Number: SPAR24-00034

Date: July 16, 2024

Project Location: Blain's Farm and Fleet of Waukesha

2310 Kossow Rd. Waukesha, WI

Attn: City of Waukesha – Planning Department

201 Delafield St. Waukesha, WI 53188

Charlie Griffth, AICP- Senior Planner

Re: Blain's Farm and Fleet responses to City of Waukesha questions regarding project SPAR24-00034

Dear Mr. Charlie Griffth-

Per your Project review Comments provided on July 9, 2024, please see the below responses to the questions raised during the Preliminary review by City Staff. Should you have any further questions, please contact me.

Item	Division	Reviewer	Reviewer Comment in Black, Blain's Response in Red
	Erosion Control	Cali Bonie	No Comments
	Sanitary Sewer	Chris Langemak	Notes: 1. How is water supplied to and wastewater removed from the pet wash? Blain's Response: A new %" water line supporting the Pet Wash will be installed underground to the existing Blain's Building, and be connected to water main at North-West corner of building. (See drawing) 2. Is the pet wash open all year? Is it heated to prevent freezing? Blain's Response: Yes the unit will be open all year and has a built-in Fan Coil unit with a 8kW Electric Heater. (Goodman #MMR0800A4-1AA) 3. WMC 29.08(b)(5) prohibits discharging substances such as (not limited to) hair in such quantity or size which could cause obstructions in the sewers. Some sort of screening device maybe necessary to capture excess pet hair. Blain's Response: Prior to waste water entering the sanitary main, hair is collected in a strainer located in the trough drain located on the floor of the Pet Wash unit. The make and model of the strainer to be included in the Permit Set of Drawings. This hair stainer is cleaned regularly per the recommended maintenance schedule. 4. A record drawing of the sanitary/storm sewer facilities sealed by a professional engineer or registered land surveyor shall be submitted to the Engineering Division. Blain's Response: See attached. At a minimum the drawing should include: Rim/cover elevation Invert elevation Distances Slopes Materials Contractor Installation dates (mouth and year completed) Any notes related to major field changes (i.e. additional/deleted structures, etc.) Signed and sealed by professional engineer or registered land surveyor AutoCAD drawing for importing into GIS A redlined copy of the plans with the proposed information crossed out and the actual information next to it is acceptable and helps the review process. Blain's Response: See attached A video of the completed sanitary lateral from the building to the mainline sewer or connection to the existing plumbing system shall be submitted to the Engineering Division.
	Storm Sewer	Jonathan Schapekahm	Notes: How does water used at the wash station drain and to where does it drain? Blain's Response: Water used in the facility will be drained to an existing Sanitary Sewer line located along South Face of building. (See attached drawing.)
	Street Desing	Craig Ausen	No comments
	Street Lighting	Jeff Hernke	Notes: No comments regarding city owned street lights or fiber.
	Traffic	Derrin Wolford	Notes: No comments from the traffic section.

Wastewater	Tim Young	Notes:
Quality		New or replacement salt-based water softener(s) shall meet the City's code standard of a minimum of 4000 grains of hardness exchange per pound of salt, and shall be optimized for salt use by a City-approved optimizer company in accordance with Waukesha Municipal Code §29.08(i)(2)(B) at the time of installation. Existing softeners must be optimized by 1/1/25 or must be disconnected. Blain's Response: A water softener is not being utilized.
Engineering Construction	Mathew Vincent	No comments
Building Inspection	Kristin Stone	Notes: accessory building should meet the required separation requirements and building type. to be located next to the existing building. Permits and plan review required prior to construction. Blain's Response: Please see attached site plan with dimensions of setbacks and distances to primary building.
Fire	Brian Charlesworth	No comments
General Engineering	Brandon Schwenn	Notes: 1. Additional required submittals, fees, financial guaranties needed prior to issuance of building permit include: a. Financial guaranties b. Impact Fees c. Applicable sewer connection charges per Chapter 29.11(c) will be owed to the City for this project. 2. The construction drawings, and financial guarantees should be reviewed and approved prior to the construction being started and building permit issued. If the location of any work needs to be changed as a result of the approved construction drawings, the drawings should be updated to reflect the needed changes. 3. Submit all required checklists for Development Submittals. See City's Development Handbook. 4. Will there be water/sewer connections to this building since it is a pet wash? If no water connection, how will washing occur? If water is being utilized, is runoff entering storm sewer? Blain's Response: Yes there will be water and sewer connections to the Pet Wash building. Please see attached Preliminary sketch. No run-off will enter the storm sewer.
Parks	Melissa Lipska	No comments
Planning		Notes: Provide some detail on building materials. Blain's Response: Exterior metal panels to be of same quality and color as new façade renovations as to provide harmony between newly renovated primary building renovation and the Pet Wash facility.
Water Utility	Chris Walters	Notes: How will water be supplied to this new ancillary facility? If a new water service is proposed, you are required to contact Tom Krause at tkrause@waukesha-water.com to obtain a New Water Service Application and Mat Kadrich (262-408-3492)to schedule a new tap. ONLY WAUKESHA WATER UTILITY IS ALLOWED TO TAP THE EXISTING PUBLIC WATER MAIN. Blain's Response: Waster will be supplied to the new Pet Wash underground and sourced at the incoming main water service of the Primary Blain's building. Please see attached sketch. A pressure reducing valve to be installed inside of Pet Wash facility.

Sincerely-

Jason Lohman
Blain Supply
Sr. Construction Project Manager
<u>ilohman@blainsupply.com</u>
C: 608-295-9518

City of Waukesha

City of Waukesha Department of Public Works 201 Delafield Street Waukesha, WI 53188 Waukesha-wi.gov

Engineering Plan Checklist

Attachment A (Rev 04/24)

Project Name: Blain's Fa	arm and Fle	et - Pet	Wash -	· City	of	Waukesha	<u>Projec</u> t	SPAR24-00034
Engineering & Design Firm:	Schroeder	and Ho	olt Arc	hitect	s		_	

General Information

Plans shall include the seal and signature of the Wisconsin licensed professional engineer responsible for the preparation of the construction plans on the cover sheet or on each sheet

YES	NO	N/A	
		X	Provide a copy of the WisDOT permit for any work in the State of Wisconsin right of way.
			Provide a copy of the Waukesha County Department of Public Works permit for any work in right of way of Waukesha County.
		X	Provide a copy of Wisconsin Department of Natural Resources Water Resources Application for Project Permits (WRAPP) for all sites greater than one acre.
			Provide a copy of US Army Corps of Engineers 404 permit.
		Ä	Provide cross access agreements for use of entrances.
		X	Provide off-site utility easements.
	X		Provide hydraulic gradeline calculations for all storm sewer pipes signed and sealed by a professional engineer licensed in the State of Wisconsin.
	粒		Provide a storm water management plan and calculations signed and sealed by a professional engineer licensed in the State of Wisconsin.

All Plan Sheets

YES	NO	N/A	
*			Plans prepared on sheets measuring 11" high by 17" wide or no larger than 24" high by 36" wide.
*			Sanitary Sewer, watermain and storm sewer system plans for the entire development are included.
	粒		A profile view is located below a plan view on plan and profile sheets and both views are aligned by stationing whenever possible. In general, stationing is from left to right.
	ठ		Plan and profile sheets start and terminate at match lines.
区			The assumed bearing base, control monuments and stationing reference line(s)
	X		Right-of-way limits and easement limits
Ä			Edge of pavement or flange, face and back of curb
\			Name of each existing, proposed, and future roadway and any intersecting roadways

Ä		Lot lines, lot and block numbers
X		Addresses and names of Owners for existing parcels
X		All obstructions located within the project limits including, but not limited to: trees, signs, utilities, fences, light poles, structures, etc.
	X	A note warning that underground utilities must be located by "Diggers Hotline" prior to start of construction
ठ		Legend (relevant to each sheet) showing all special symbols, line types and hatch used
ĸ		Title block includes at a minimum, the following information: Name and address of engineering (design) firm and owner/developer Date of the drawing and last revision Scale Plan sheet number (# of #) Name and location description of development
Ä		North to the top or right of the sheet and shown by a north arrow, clearly shown without intrusion.
X		Scale of the plans 1" = 40' horizontally and 1" = 8' vertically for 11" by 17" plan sheets and 1" = 20' horizontally and 1" = 4' vertically for 22" by 34" sheets. Partial site plans have a scale of 1" = 20' or larger. The scale of details is such that the detail is clearly shown. The scale is shown with a line scale and text.
X		Existing surface objects indicated with screened lines and clearly labeled.

Cover Sheet

YES	NO	N/A	
Ä			Project title.
K			Location Map (Proximity to two main streets minimum).
	Ä		Index of all plan sheets
		X	For large or phased subdivisions, a key map of layout and phases.
	瑈		Reference to a minimum of two (2) current SEWRPC reference benchmarks shall be required. Survey documentation references- Horizontal: North American Datum of 1983/2011; Vertical: North American Vertical Datum of 1988 (12)
	Ä		All permanent or temporary benchmarks and elevations.
	X		A description of the locations of the benchmarks; and the basis or origin of the vertical control network.
X			Date of plan preparation and applicable revision date(s)
	X		The following statement: "All site improvements and construction shown on the plans shall conform to the City of Waukesha <u>Development Handbook & Infrastructure Specifications</u> . Where the plans do not comply, it shall be the sole responsibility and expense of the Developer to make revisions to the plans and/or constructed infrastructure to comply."

Roadway

YES	NO	N/A	
		¥	For all new streets, a site specific geotechnical evaluation and pavement design submitted with the plans.
		¥	A separate detail sheet showing typical cross-sections for each roadway standard width and cul-de-sac if applicable.
		X	Separate sheets showing any pavement markings to be installed within the public right-of-way.

Plan View

YES	NO	N/A	
X			The assumed bearing base, control monuments and stationing reference line along the centerline of the roadway, including cul-de-sacs.
ă			At least one clearly labeled benchmark or control point per sheet.
K			Pavement and median dimensions.
			Final grade elevations at 25' intervals at the right-of-way including at the edge of pavement for rural sections or at the flange of curb for urban sections.
		×	Final grade elevations for cul-de-sacs at 25' intervals at the right-of-way including at the edge of pavement for rural sections or at the flange of curb for urban sections.
		粒	Label all PVC's, PVT's, and PC's, PT's for vertical and horizontal curves. Radii of all intersections (edge of pavement or flange of curb, with note indicating which is referenced).
		Z.	Driveways for all lots adjacent to storm inlets and intersections.
Ä			Sidewalks labeled and dimensioned.
ĽΧ			Existing, proposed, future streets and drives labeled and dimensioned.
	×		All roadside ditch locations, flowline elevations at 50' intervals of the ditches.
	X		Slope intercepts.
	X	□X	Invert profile for 200' downstream for any existing ditches receiving flow from a proposed road or street.
		Z.	Limits of any areas which need special stabilization techniques.
×			Specific details of all existing connected roadways. Pavement, shoulders, ditches, curb alignment, and grades shall be shown as needed to adequately make the transition.

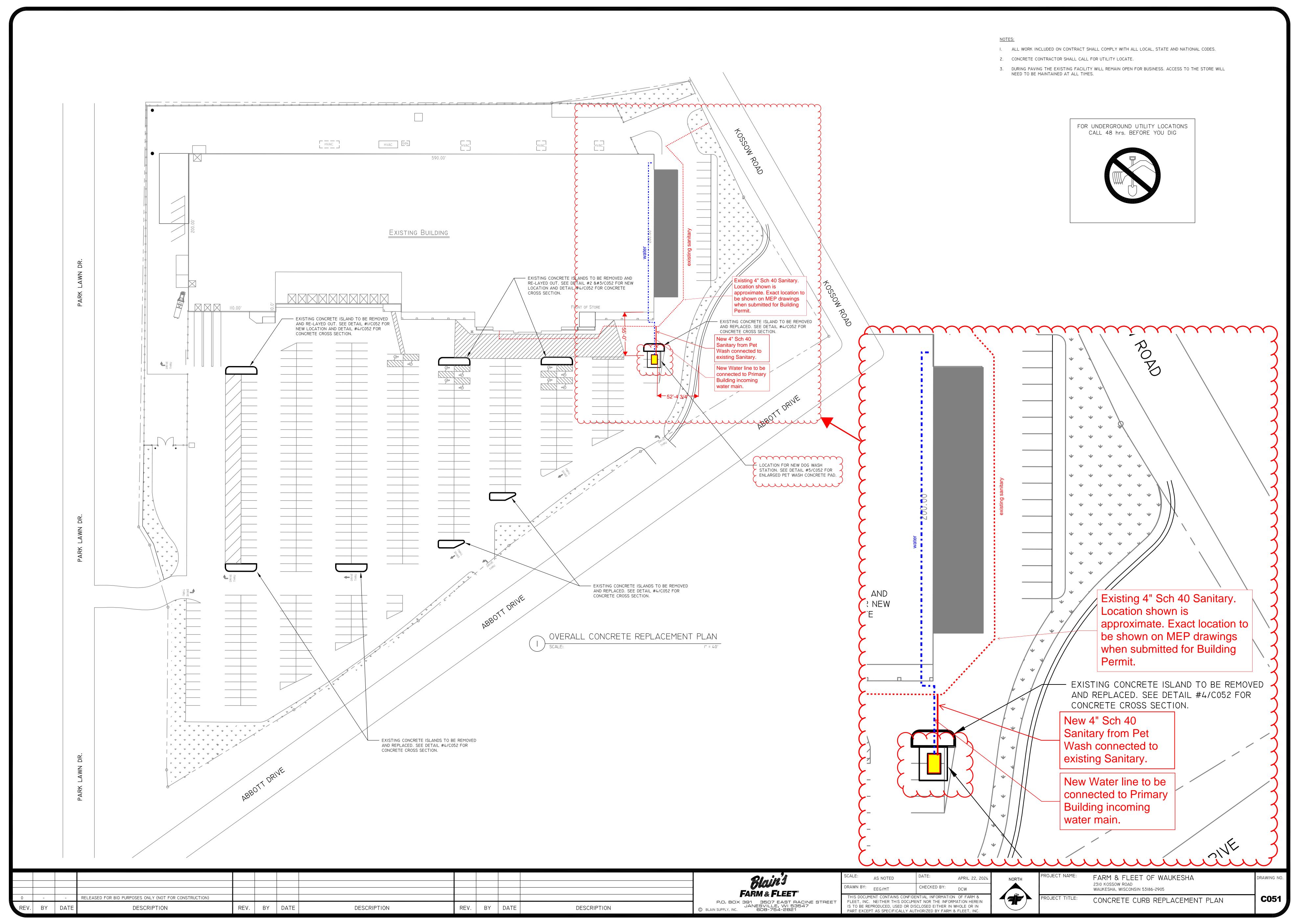
Intersection Details

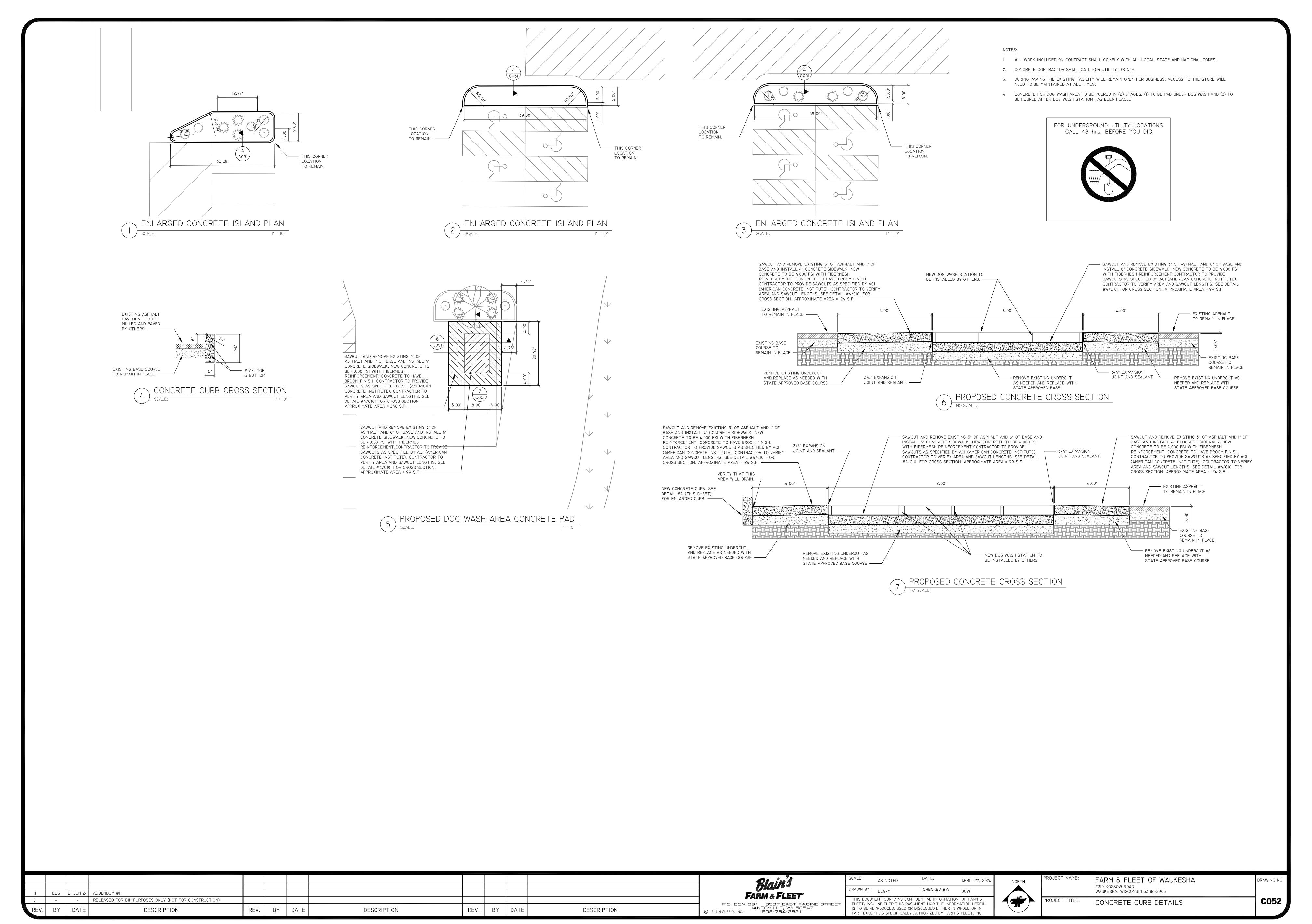
YES	NO	N/A	
		又	Radii of all intersections (edge of pavement or flange of curb, with note indicating which is referenced).
IX.			Sidewalks and accessible ramps labeled and dimensioned.
			Right of way corner clips and sight visibility easements.
ă			Spot grades as necessary to ensure proper drainage and compliant ADA slopes.
X			Spot grades shall be shown at end of radius for all curb and gutter and the end radius for all back of sidewalk.
			Drainage clarified by flow arrows, high points, sags, ridges, etc. Slope intercepts shall be clearly labeled by station, elevation to the nearest 0.1', and offset distance (left or right) from the reference line.
		Ž	Invert elevation of ditches (for rural roadway).
		X	Final subgrade elevation at the centerline of the street or roadway.

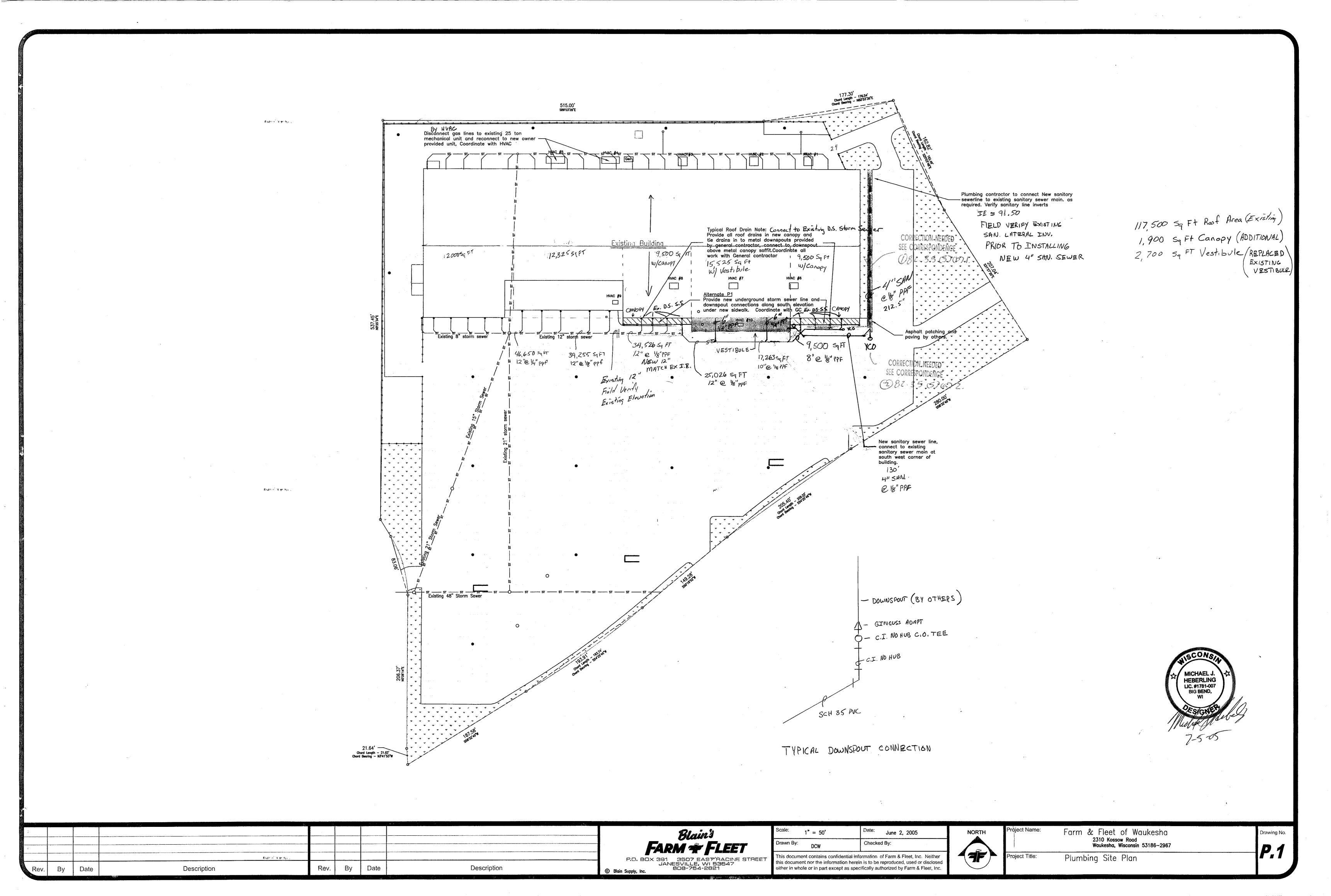
Cross Sections

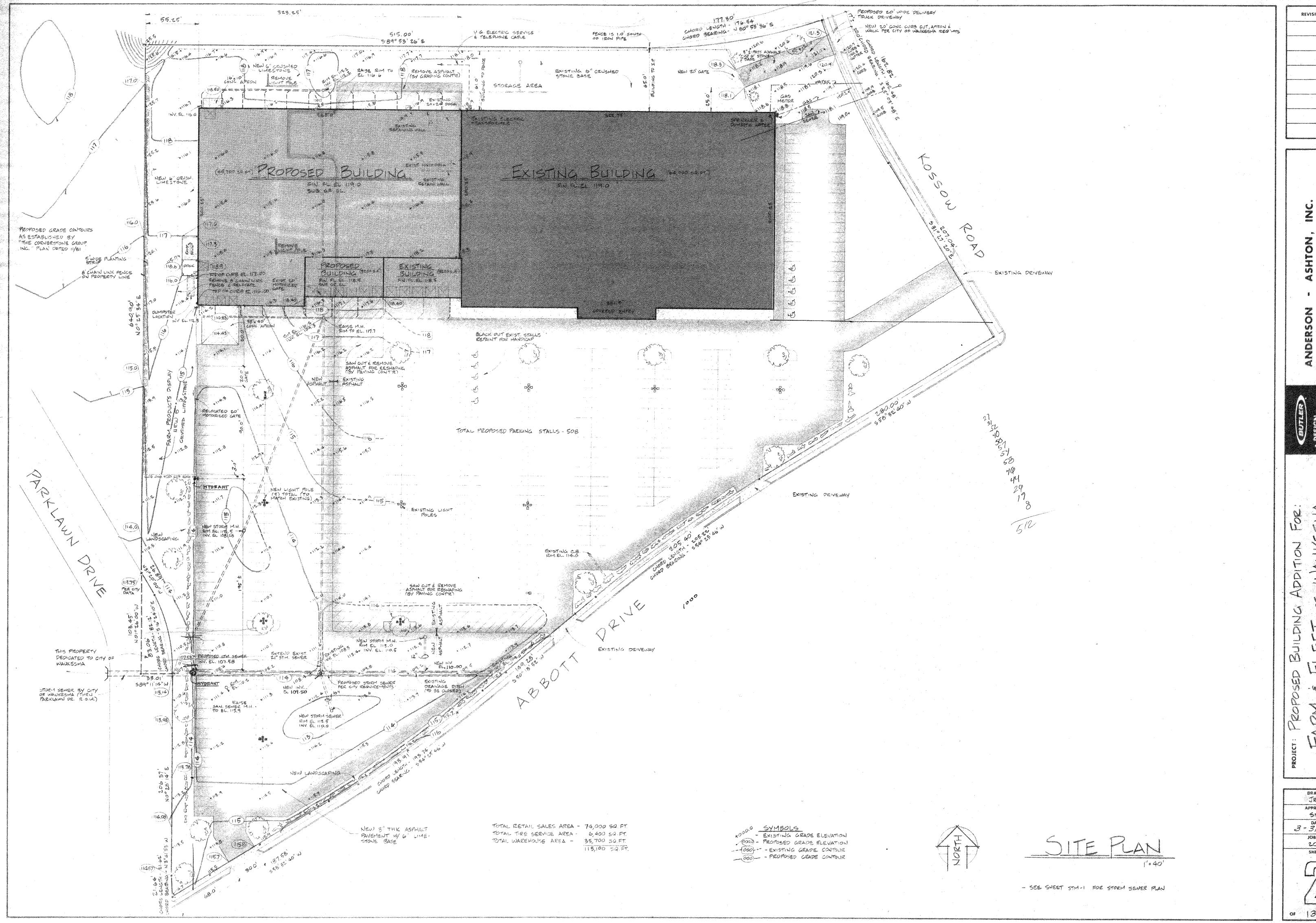
YES	NO	N/A	
		X	Right of way limits.
		X	Slope intercepts clearly labeled.
	X		Elevations to the nearest 0.01'.
	X		Offset distance (left or right) from the reference line.
		ĽX	Final grade elevations at back of walk, face of walk, top of curb, flange elevation (edge of pavement for rural section), and the centerline of the street or roadway.
		凶	Cross slope of sidewalk, terrace area, and roadway.
		Ä	Invert elevation of ditches (for rural section)













JEH APPROVED SMS 3 - 3/- 83 JOS NO. 2047

