



NEW URGENT CARE

EXTERIOR DESIGN CONCEPT



 onyx|creative

ROCKY RIVER, OH
02.06.26

SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75

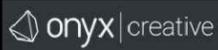


2555 Hartville Rd., Suite B
 Rootstown, OH 44272
 www.WeberEngineeringServices.com
 330-329-2037
 matt@webercivil.com



Reg. No.: 61709

CLIENT:



25001 EMERY ROAD
 #400
 CLEVELAND, OH 44128
 216-223-3200

OWNER:

20914 CENTER RIDGE LLC
 1311 ORCHARD PARK DRIVE
 ROCKY RIVER, OHIO
 44116

Issue Date

- 10-29-2025
- 11-03-2025
- 11-04-2025
- 11-24-2025
- 12-08-2025
- 01-08-2026
- 02-04-2026

URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

EXISTING
 CONDITIONS

C100A
 Project No. 2025-323

**EX. STORM
 STRUCTURE
 SCHEDULE**

- ① EX. STORM MANHOLE
 TOP 730.88
 INV. 720.71, 24" SW
- ② EX. STORM MANHOLE
 TOP 730.58
 INV. 721.05, 24" NE
- ③ EX. CURB INLET
 TOP 730.17
 CUTTER 728.73
- ④ EX. CURB BASIN
 (FULL OF WATER)
 BOTTOM 728.73
- ⑤ EX. CATCH BASIN
 TOP 719.84

**EX. SANITARY
 STRUCTURE
 SCHEDULE**

- ④ EX. SANITARY MANHOLE
 TOP 730.34
 INV. 715.79, 10" NE
- ⑥ EX. SANITARY MANHOLE
 TOP 730.41
 INV. 714.61, 10" SW

SYMBOL LEGEND

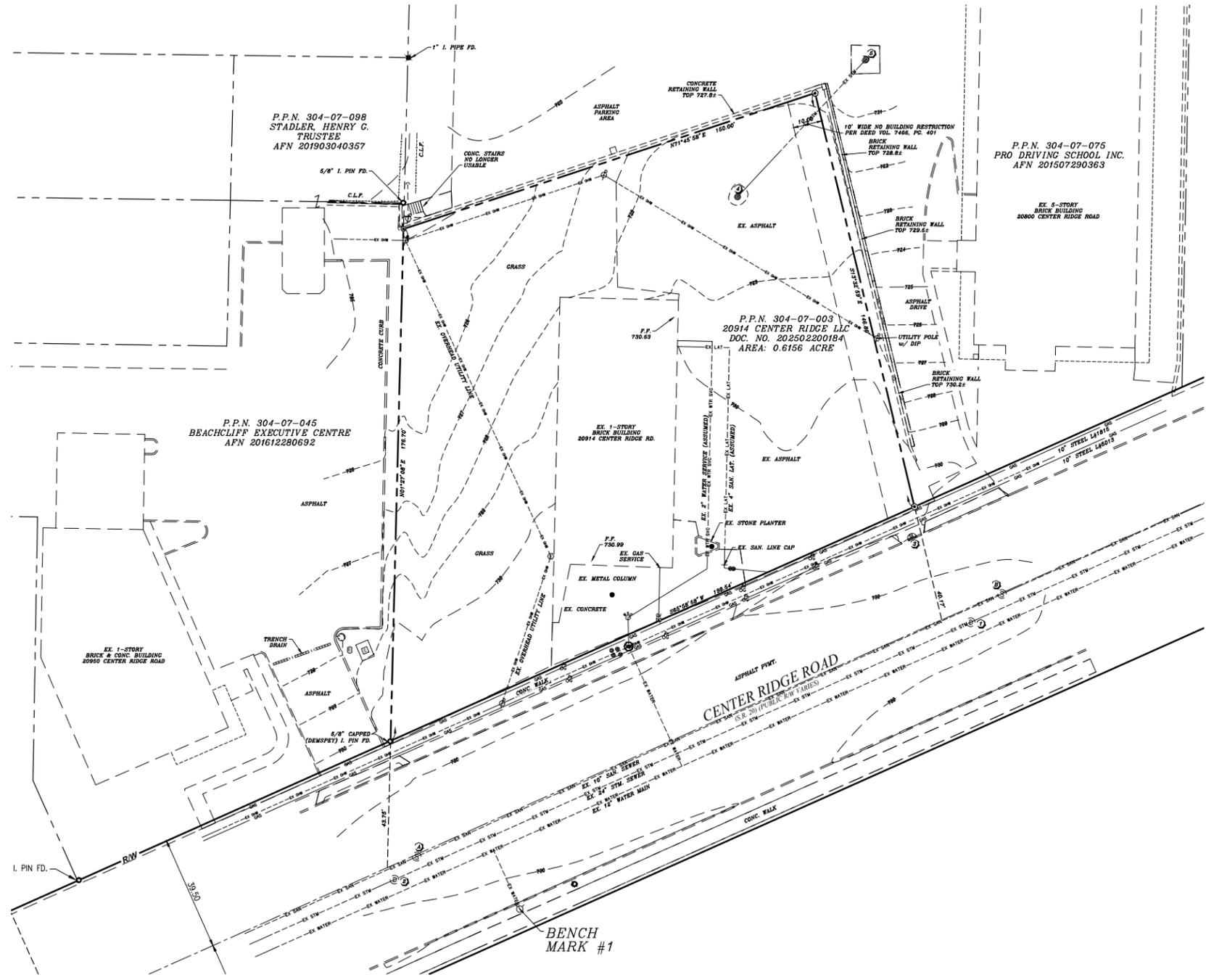
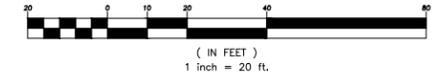
	HYDRANT
	WATER METER MANHOLE
	SANITARY MANHOLE
	STORM MANHOLE
	CURB INLET
	CATCH BASIN - ROUND
	CLEAN-OUT
	POWER POLE
	SUPPORT POLE
	JACKET POLE ON CONCRETE BASE
	GAS VALVE
	GAS TONE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	ELECTRIC PAD
	5/8" CAPPED (H7889) IRON PIN SET
	MAC NAIL SET

VERTICAL DATUM:
 NAD83, derived from GNSS observations
 through the O.D.O.T. VRS.

LEGEND
 ITALICS TEXT REPRESENTS EXISTING CONDITION
 NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION



GRAPHIC SCALE



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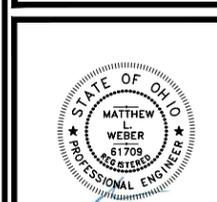
Survey Prepared by:

 5316 Ridge Road - Cleveland, Ohio 44129
 Phone 440.885.7137 - Fax 440.885.7139
 www.kolesurvey.com

Before You Dig



2555 Hartsville Rd., Suite B
Rootstown, OH 44772
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330-329-2037
matt@webercivil.com



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44116

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Issue Date
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11-04-2025
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01-08-2026
02-04-2026

DEMOLITION
PLAN

C101
Project No. 2025-323

SITE BENCH MARK
BENCH MARK #1
TOP OF HYDRANT
ELEVATION = 732.75

**EX. STORM
STRUCTURE
SCHEDULE**

- ① EX. STORM MANHOLE
TOP 730.88
INV. 720.71, 24" SW
- ② EX. STORM MANHOLE
TOP 730.58
INV. 721.05, 24" NE
- ③ EX. CURB INLET
TOP 730.17
OUTTER 729.73
- ④ EX. CATCH BASIN
(TO BE MODIFIED)
TOP 727.79
(ELEV. OF WATER)
BOTTOM 723.75
(INV. TO BE FIELD VERIFIED)
- ⑤ EX. CURB BASIN
TOP 719.94

**EX. SANITARY
STRUCTURE
SCHEDULE**

- ④ EX. SANITARY MANHOLE
TOP 730.34
INV. 715.79, 10" NE
- ⑤ EX. SANITARY MANHOLE
TOP 730.41
INV. 714.61, 10" SW

SYMBOL LEGEND

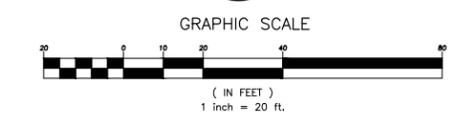
	HYDRANT
	WATER METER MANHOLE
	SANITARY MANHOLE
	STORM MANHOLE
	CURB INLET
	CATCH BASIN - ROUND
	CLEAN-OUT
	POWER POLE
	SUPPORT POLE
	JACKET POLE ON CONCRETE BASE
	GAS VALVE
	GAS TONE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	ELECTRIC PAD
	5/8" CAPPED (H7889) IRON PIN SET
	MAG NAIL SET

VERTICAL DATUM:
Nad8 88, derived from GNSS observations
through the O.D.O.T. VRS.

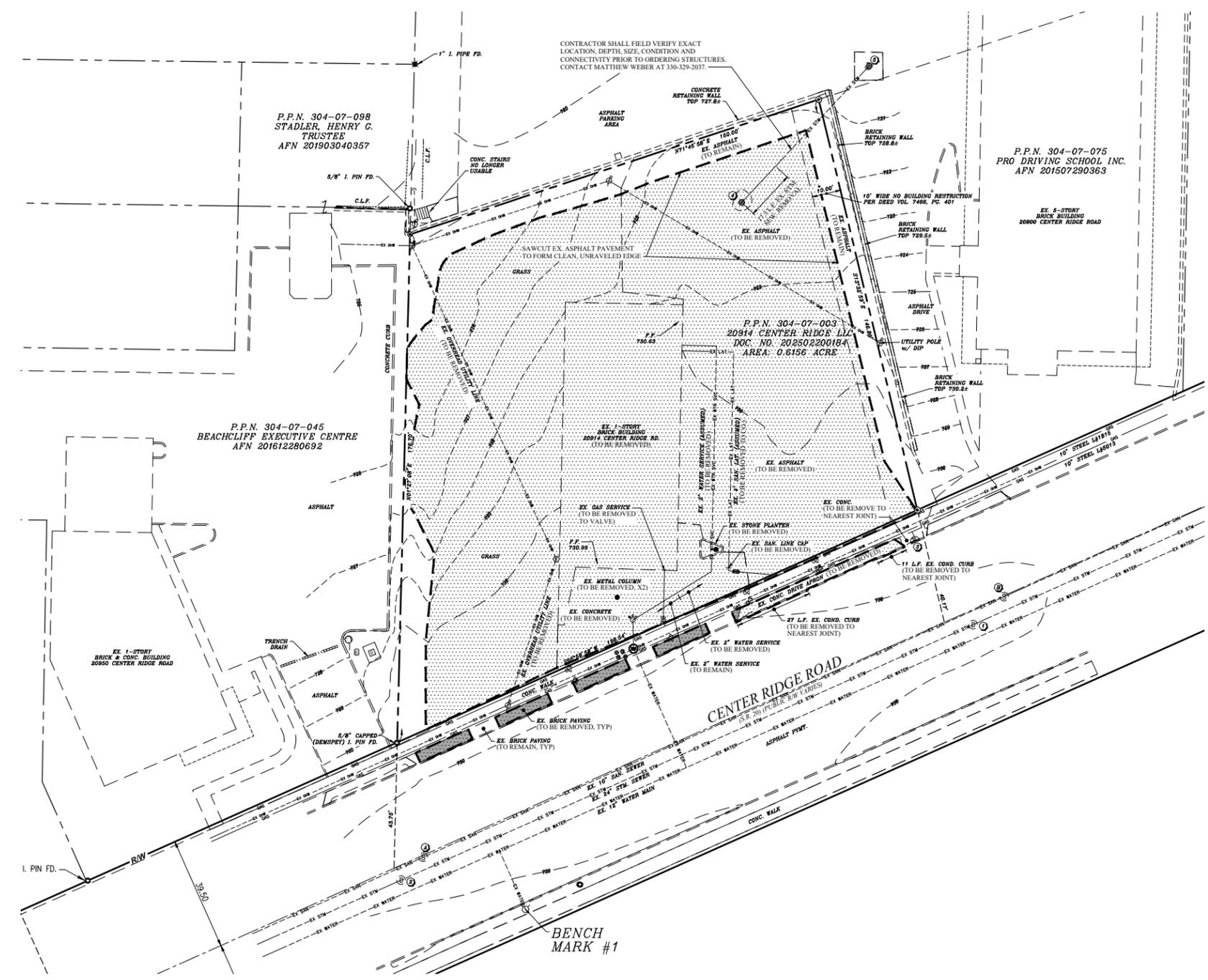
LEGEND

AREA OF DEMOLITION & CLEARING

ITALICS TEXT REPRESENTS EXISTING CONDITION
NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION



STORM & SANITARY SEWER NOTE:
CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, DEPTH, SIZE, CONDITION AND CONNECTIVITY OF ALL STORM SEWER SYSTEMS AND SANITARY SEWER SYSTEMS ON THE SITE. SITE CIVIL ENGINEER SHALL BE INFORMED OF THE RESULTS OF THE INVESTIGATION PRIOR TO CONSTRUCTION.



P.P.N. 304-07-098
STADLER, HENRY C.
TRUSTEE
AFN 201903040357

P.P.N. 304-07-075
PRO DRIVING SCHOOL INC.
AFN 201507290363

P.P.N. 304-07-003
20914 CENTER RIDGE LLC
DOC NO. 202502200184
AREA: 0.6156 ACRE

P.P.N. 304-07-045
BEACHCLIFF EXECUTIVE CENTRE
AFN 201612280692



Survey Prepared by:
RMKOLE
surveyors • consultants • planners • utilities • eap
5316 Ridge Road - Cleveland, Ohio 44129
Phone 440.885.7137 - Fax 440.885.7139
www.kolesurvey.com

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SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75

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 matt@webercivil.com

STATE OF OHIO
 MATTHEW WEBER
 61709
 PROFESSIONAL ENGINEER

Reg. No.: 61709

CLIENT:

onyx|creative

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 216-223-3200

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URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

Issue Date
10-29-2025
11-03-2025
11-04-2025
11-24-2025
12-08-2025
01-08-2026
02-04-2026

SITE PLAN

C102
 Project No. 2025-323

SITE DATA

USE DISTRICT	= LB (LOCAL BUSINESS)
SITE AREA	= (0.6156 AC.)
PROP. BUILDING AREA	= 4,211 S.F. (FOOTPRINT)
BUILDING SETBACKS:	
FRONT YARD	= 10' MIN., 25' MAX.
SIDE YARD	= 5'
REAR YARD	= 25'
PARKING SETBACKS:	
FRONT YARD	= NO PARKING BETWEEN BUILDING AND R.O.W.
SIDE YARD	= 10' (15' ADJ. TO RES.)
REAR YARD	= 10' (15' ADJ. TO RES.)
NUMBER OF PARKING SPACES:	
REGULAR PARKING SPACES	= 24
HANDICAP PARKING SPACES	= 1
TOTAL PARKING SPACES	= 25

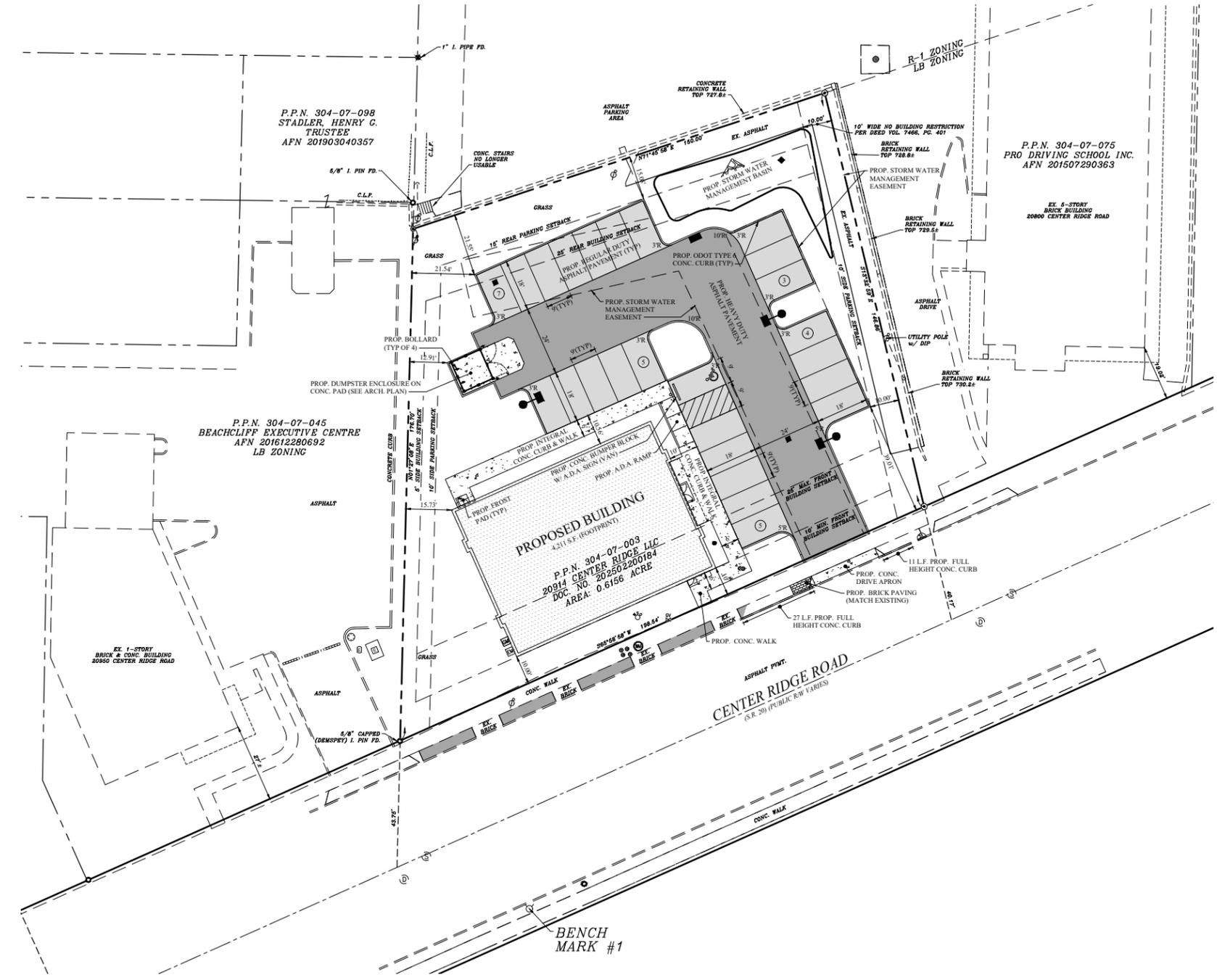
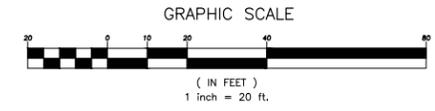
FLOOD ZONE

FLOOD ZONE "X" PER FLOOD INSURANCE
 RATE MAP NUMBER 3903C 0153 E
 COMMUNITY PANEL NUMBER 39035 0153 E
 EFFECTIVE DATE DECEMBER 2, 2010

LEGEND

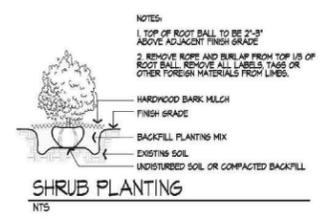
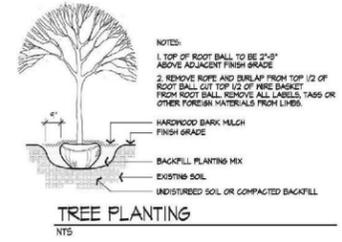
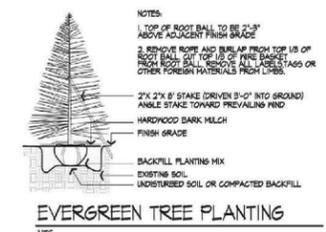
	REGULAR DUTY ASPHALT
	HEAVY DUTY ASPHALT
	CONCRETE PAVING

ITALICS TEXT REPRESENTS EXISTING CONDITION
 NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION



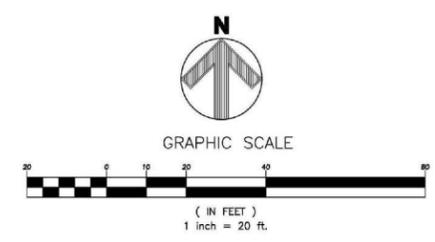
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SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75



- GENERAL NOTES**
1. EACH CONTRACTOR IS TO VERIFY WITH OWNER AND UTILITY COMPANIES THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE IN THE FIELD THE ACTUAL LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES. WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL CALL UTILITY PROTECTION SERVICE 72 HOURS PRIOR TO CONSTRUCTION.
 2. EXAMINE FINISH SURFACE, GRADES, TOPSOIL QUALITY AND DEPTH. DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. VERIFY LIMITS OF WORK BEFORE STARTING.
 3. CONTRACTOR RESPONSIBLE FOR COST OF REPAIRS TO EXISTING SITE CONDITIONS WHEN DAMAGED BY CONTRACTOR. REPAIR TO THE SATISFACTION OF THE OWNER.
 4. ALL PLANT MASSSES TO BE CONTAINED WITHIN 6" DEEP HARDWOOD BARK MULCH BED.
 5. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN LAWN AREAS.
 6. FINE GRADE LAWN AREAS TO PROVIDE A SMOOTH AND CONTINUAL GRADE FREE OF IRREGULARITIES OR DEPRESSIONS.
 7. CONTRACTOR SHALL SEED OR SOD ALL AREAS DISTURBED DURING CONSTRUCTION. SEE PLAN. ALL PARKING ISLANDS TO BE TURF.
 8. ALL PLANTS SHALL MEET OR EXCEED STANDARDS SET IN THE U.S.A. STANDARD FOR NURSERY STOCK.
 9. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS.

ID	Qty	Botanical Name	Common Name	Size
AC-AR	7	Acer r. 'Armstrong'	Armstrong Maple	2.5"
AC-BR	6	Acer r. 'Brandywine'	Red Point Maple	2.5"
BU-GG	36	Buxus x 'Green Gem'	Green Gem Boxwood	24"
BU-GM	2	Buxus x 'Green Mountain'	Green Mountain Boxwood	24"
HE-SU	11	Heliopsis h. 'Sunstruck'	Sunstruck False Sunflower	#1
HY-LL	18	Hydrangea p. 'Little Lime'	Little Lime Hydrangea	36"
IT-LH	24	Itea v. 'Little Henry'	Little Henry Sweetspire	#3
JU-SGR	9	Juniperus ch. 'Sea Green'	Sea Green Juniper	24"
JU-TA	1	Juniperus s. 'Taylor'	Taylor Juniper	6'
LM-VA	24	Liriope m.l. 'Variegata'	Variegated Lily Turf	#1
MA-RR	2	Malus 'Royal Raindrops'	Royal Raindrops Crabapple	1.75"
MA-SA	3	Malus sargentii	Sargent Crabapple	1.5"
NE-CP	12	Nepeta 'Cats Pajamas'	Cats Pajamas Catmint	#1
PI-AB	3	Picea abies	Norway Spruce	6'
PI-FA	1	Picea p. 'Fastigiata'	Columnar Blue Spruce	5'
PI-NI	9	Picea a. 'Nidiformis'	Nest Spruce	#5
SP-LP	9	Spiraea j. 'Little Princess'	Little Princess Spirea	#3
TH-GG	16	Thuja p. 'Green Giant'	Green Giant Arborvitae	6'
VI-NE	13	Viburnum p. 'Newport'	Newport Viburnum	36"



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 MATTHEW WEBER
 #1709
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onyx|creative

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OWNER:
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URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

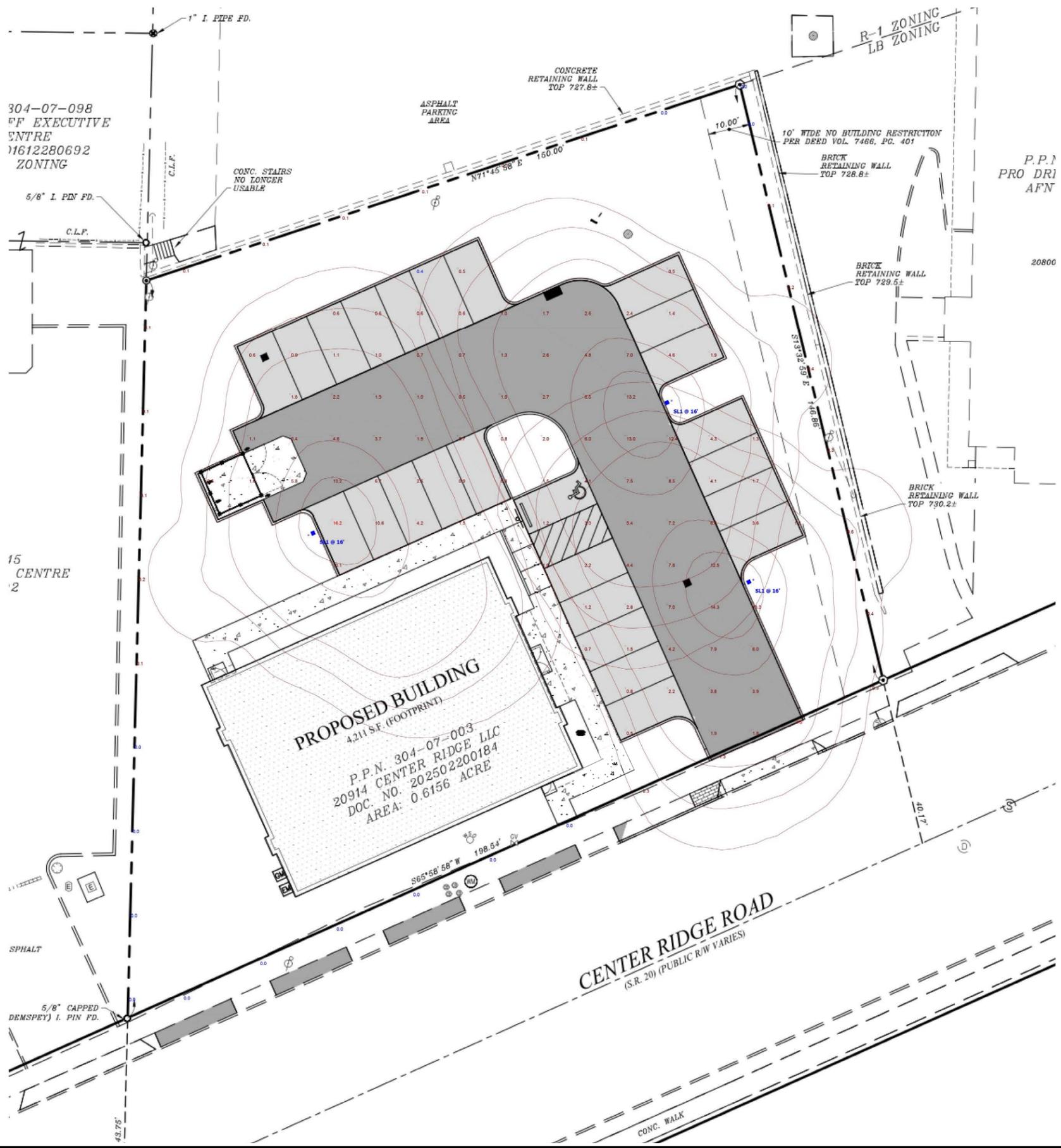
Issue Date
 10-29-2025
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 11-04-2025
 11-24-2025
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 01-08-2026
 02-04-2026

LANDSCAPE PLAN

C102A
 Project No. 2025-323



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304-07-098
 FF EXECUTIVE
 ENTRE
 11612280692
 ZONING

15
 CENTRE
 2

PROPOSED BUILDING
 4,211 S.F. (FOOTPRINT)
 P.P.N. 304-07-003
 20914 CENTER RIDGE LLC
 DOC. NO. 202502200184
 AREA: 0.6156 ACRE

R-1 ZONING
 LB ZONING

P.P.1
 PRO DR1
 AFN

Symbol	Description	Quantity
SL1	SPILL LIGHT	3

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING LOT	+	3.8 fc	16.2 fc	0.4 fc	40.5:1	9.5:1
PROPERTY LINE	+	0.2 fc	1.5 fc	0.0 fc	N/A	N/A

Note
 1. FC LEVELS CALCULATED AT GROUND LEVEL
 2. FIXTURES ON 14' POLE, 24" BASE
 3. NO SPILL LIGHT CALCULATED

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02-04-2026

SITE LIGHTING PLAN

C102B
 Project No. 2025-323

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Evolve®

CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

EAP1/AREA/SITE/ROAD LIGHTER

- Compact sleek design with multiple lumen output configurations and simple installation
- Field switchable lumens (13,000 - 23,000)
- Field switchable CCT (3000K, 4000K, 5000K)
- Ships with Type 3, Type 4, and Type 5 optics, which can easily be changed in the field
- Mounting options include Arm for Round or Square Pole and Knuckle Slipfitter. Wall mountable with optional accessory
- Field installable occupancy sensor available as an optional accessory
- Default Configuration: 150W, 4000K, Type 3 Distribution




Construction

Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface. Corrosion resistant, die-cast aluminum housing with powder coat paint finish. Separate optical and electrical compartment for improved thermal management and optimum component operation. TQC thermcoat polyester powder paint finish applied at nominal 2.5 mil thickness.

Optics

Entire optical aperture illuminates to create a larger luminous surface area resulting in a low glare appearance without sacrificing optical performance. Ships with Type 3, Type 4, and Type 5 optics, which are easily switchable in the field. Field switchable CCT (3000K, 4000K, 5000K). Zero uplight at 0 degrees of tilt.

Installation

Arm mounting with Evolve drill pattern and knuckle capable of rotating upward 30-degrees at 5-degree increments. Slipfitter for 2-3/8" OD tenons with built-in knuckle rotatable upward and downward 90-degrees at 5-degree increments.

Electrical

Universal 120-347V. Ambient operating temperature -40°C to 50°C. Drivers have greater than 90% power factor and less than 20% THD. LED drivers have output power overvoltage, over-current protection and short circuit protection with auto recovery. 10kV Surge protection is standard. DesignLights Consortium (DLC) qualified, consult DLC website for more details: <http://www.designlights.org/QPL>.

Control

0-10 Volt Dimmable Driver Standard controls. 7-pin receptacle with photocontrol version available. Ships with shorting cap. Field installable Occupancy and Daylight sensor accessory available.

Certifications

Listed to UL1598 and CSA C22.2#2500-24 for wet locations. 3G rated for ANSI C136.31 high vibration applications. IP65 optical assembly.

Warranty

5 Year warranty



LED.com Page 1 of 6
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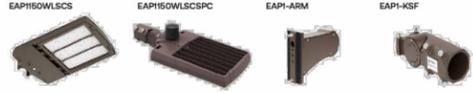
Evolve®

CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

EAP1 AREA/SITE/ROAD LIGHTER

STOCK ORDERING INFORMATION

Catalog Number	Includes	Lumens	Wattage	CCT	Voltage	Distribution	Finish
EAPH5OWLSCS	Fixture Head only	13,032-22,944	85-150	3000K, 4000K, 5000K	120-347V	Type 3, Type 4, Type 5	Dark Bronze
EAPH5OWLSCSPC	Fixture Head only, with 7-pin PCR and photocontrol	13,032-22,944	85-150	3000K, 4000K, 5000K	120-347V	Type 3, Type 4, Type 5	Dark Bronze
EAP1-ARM ¹	Arm mounting with Evolve drill patterns and knuckle capable of rotating upward 30-degrees at 5 degree increments						
EAP1-KSF	Knuckle Slipfitter for 2-3/8" OD tenons with built in knuckle capable of rotating upward 30-degrees at 5 degree increments						



¹ If mounting on Evolve poles, must order E1 drill pattern. Not compatible with E2 drill pattern.

ACCESSORIES (ORDERED SEPARATELY)

Catalog Number	Description
HB03DPR	Field Installed Occupancy and Daylight Sensor
HB03DPR-REMOTE	Programming Remote for HB03DPR Sensor (Typically one required per site to program the sensors)
SQS-HSS	Field Installed House Side Shield
241-C-DBT	Flat surface bracket (Wall Mount Accessory, Compatible with slipfitter mounting only)



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Evolve®

CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

EAP1 AREA/SITE/ROAD LIGHTER

Performance Data

Description	Nominal Wattage	System Watts	Dist. Type	5K (5000K NOMINAL 80 CRI)					4K (4000K NOMINAL 80 CRI)					3K (3000K NOMINAL 80 CRI)				
				Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
EAP1	85	81.7	3	13826	169	2	0	2	13872	171	2	0	2	13244	162	2	0	2
				13840	170	2	0	2	13886	171	2	0	2	13257	162	2	0	2
				13805	166	4	0	3	13749	168	4	0	3	13032	159	4	0	3
				18813	162	3	0	3	19011	164	3	0	3	18020	155	3	0	3
				18807	162	3	0	3	19005	164	3	0	3	18014	155	3	0	3
	120	118	4	18490	159	4	0	4	18885	161	4	0	4	17711	153	4	0	3
				22666	156	3	0	3	22905	158	3	0	3	21711	150	3	0	3
				22704	156	3	0	3	22944	158	3	0	3	21747	150	3	0	3
				22277	154	5	0	4	22512	155	5	0	4	21338	147	5	0	4
				22704	156	3	0	3	22944	158	3	0	3	21747	150	3	0	3
	150	145.1	5	22704	156	3	0	3	22944	158	3	0	3	21747	150	3	0	3
				22277	154	5	0	4	22512	155	5	0	4	21338	147	5	0	4
				22704	156	3	0	3	22944	158	3	0	3	21747	150	3	0	3
				22277	154	5	0	4	22512	155	5	0	4	21338	147	5	0	4
				22704	156	3	0	3	22944	158	3	0	3	21747	150	3	0	3

¹ WIC Input Lumen values are from photometric test performed in accordance with IESNA LM-79-06. Data is considered to be representative of the configurations. Actual performance may differ as a result of end-user environment and application. NOTE: Default Configuration shaded above.

Electrical Data

FAMILY	NOMINAL WATTAGE	INPUT VOLTAGE (VOLTS)	CURRENT (AMPS)	SYSTEM POWER (WATTS)
EAP1	85	120	0.68	81.7
		208	0.39	
		240	0.34	
		277	0.29	
		347	0.24	
	120	120	0.97	118.0
		208	0.55	
		240	0.48	
		277	0.42	
		347	0.33	
	150	120	1.21	145.1
		208	0.70	
		240	0.60	
		277	0.52	
		347	0.42	

Projected Lumen Maintenance

CALCULATION METHOD	AMBIENT TEMP	25,000 HRS	36,000 HRS	54,000 HRS
TM-21-11	25°C / 77°F	0.85	0.92	0.89
	50°C / 122°F	0.94	0.91	0.87
TM-21-21	25°C / 77°F	0.95	0.92	0.89
	50°C / 122°F	0.94	0.91	0.87

Luminaire Ambient Temperature Factor (LATF)

Ambient Temperature	Lumen Multiplier
0° C	1.06
10° C	1.03
20° C	1.01
25° C	1.00
30° C	0.99
40° C	0.97

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

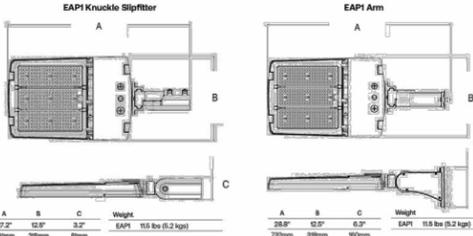
LED.com Page 3 of 6
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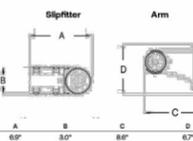
CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

EAP1 AREA/SITE/ROAD LIGHTER

Dimensions



Slipfitter	Arm
A: 27.2", B: 12.8", C: 3.2"	A: 28.8", B: 12.8", C: 6.3"
69mm, 328mm, 81mm	732mm, 328mm, 160mm
Weight: EAP1 15.5 lbs (5.2 kg)	Weight: EAP1 15.5 lbs (5.2 kg)



EPA (ft)°C	Configuration
Single Fixture	0.62
Two at 180°	.50
Two at 90°	.89
Three at 90°	.50
Three at 120°	1.59
Four at 90°	1.53



Rotatable upward 30-degrees and downward 90-degrees at 5-degree increments.

Rotatable upward 30-degrees at 5-degree increments.

Round & Square Pole Mounting: If mounting on Evolve poles, must order E1 drill pattern. Not compatible with E2 drill pattern.

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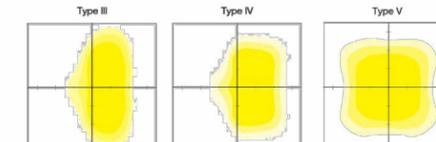
CUSTOMER NAME _____
PROJECT NAME _____
DATE _____ TYPE _____
CATALOG NUMBER _____

EAP1 AREA/SITE/ROAD LIGHTER

Photometry



The following diagrams represent the general distribution options offered for this product.



Additional Information



Arm Mount - Fixture ships with integral arm for ease of installation. Compatible with Evolve drill patterns.

Slipfitter - Fits 2-3/8" OD arms Roadway applications.

Remove black gasket to serve as RPA for 4"-5" OD poles.

ROUND SQUARE POLE ADAPTER

Drill Pattern E1

LED.com Page 5 of 6
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onyx creative

25001 EMERY ROAD #400
CLEVELAND, OH 44128
216-223-3200

OWNER:

20914 CENTER RIDGE LLC

1311 ORCHARD PARK DRIVE
ROCKY RIVER, OHIO
44116

Issue Date
10-29-2025
11-03-2025
11-04-2025
11-24-2025
12-08-2025
01-08-2026
02-04-2026

URGENT CARE
SITE IMPROVEMENTS
20914 CENTER RIDGE RD., ROCKY RIVER, OH

SITE LIGHTING DETAILS

C102C
Project No. 2025-323

C:\Users\matt@weber.com\OneDrive\Desktop\2025\Projects\2025\Project\2025\1311 Orchard Park Drive\2025\1311 Orchard Park Drive\DWG\25-323-001.dwg

Evolve®

CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____

SSSE Series Poles
 Square | Straight | Steel

Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location.

Construction

Shaft: One-piece straight steel with square cross section, flat sides and minimum 0.23" radius on all corners. Minimum yield of 46,000 psi (ASTM-A500, Grade B). Longitudinal weld seam to appear flush with shaft side wall. Steel base plate with axial bolt circle slots welded to pole shaft having minimum yield of 36,000 psi (ASTM A36).

Base Cover: Two-piece square aluminum base cover included standard.

Pole Cap: Pole shaft supplied with removable cover when applicable. Tenon and post-top configurations also available.

Hand Hole: Rectangular 3x5 steel hand hole frame (2.38" x 4.38" opening). Mounting provisions for grounding lug located behind gasketed cover.

Anchor Bolts: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling.

Anchor Bolt Part Numbers:
 • 3/4 x 30 x 3 — TAB-30-M38
 • 1 x 36 x 4 — TAB-36-M38

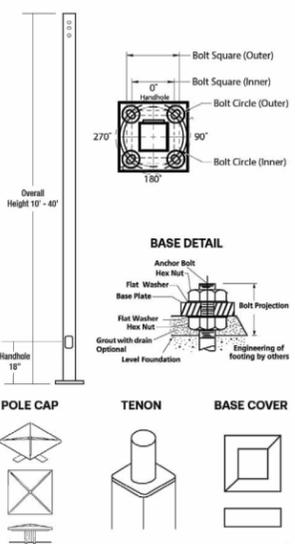
Finish

- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
- Powder paint prime applied over "white metal" steel substrate cleaned via mechanical shot blast method
- Decorative finish coat available in multiple standard colors; Custom colors available; RAL number preferable

EXS 10 Day - Evolve Express Ship Program

- Ships in 10 days
- Limit of 15 poles

Current® LED.com Page 1 of 6 (Rev 12/2025)
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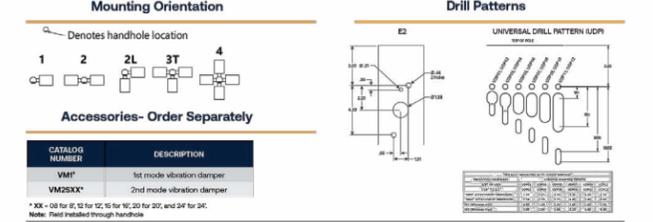
CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____

SSSE Series Poles
 Square | Straight | Steel

Example: SSSE25-40A-2-E2-DKBZ-UL

SSSE	HEIGHT	SHAFT THICKNESS	FINISH	OPTION
SSSE-40A	10-10 ft	40"-4" Square	A-0125*	1 - Single arm mount
SSSE-40A	12-12 ft	40"-4" Square	A-0125*	2 - Two fixtures at 180°
SSSE-40A	14-14 ft	40"-4" Square	B-180*	3 - Three fixtures at 90°
SSSE-40A	16-16 ft	40"-4" Square	A-0125*	4 - Four fixtures at 90°
SSSE-40A	18-18 ft	40"-4" Square	B-180*	TA* = Tenon
SSSE-40A	20-20 ft	40"-4" Square	A-0125*	UDPO2* = (2)in HDW range 189 - 224
SSSE-40A	22-22 ft	40"-4" Square	B-180*	UDPO3* = (3)in HDW range 225 - 290
SSSE-40A	24-24 ft	40"-4" Square	B-180*	UDPO4* = (4)in HDW range 225 - 290
SSSE-40A	26-26 ft	40"-4" Square	B-180*	UDPO5* = (5)in HDW range 300 - 376
SSSE-40A	28-28 ft	40"-4" Square	B-180*	UDPO6* = (6)in HDW range 376 - 449
SSSE-40A	30-30 ft	40"-4" Square	B-180*	UDPO7* = (7)in HDW range 450 - 540
SSSE-40A	32-32 ft	40"-4" Square	B-180*	UDPO8* = (8)in HDW range 550 - 600
SSSE-40A	34-34 ft	40"-4" Square	B-180*	UDPO9* = (9)in HDW range 550 - 600
SSSE-40A	36-36 ft	40"-4" Square	B-180*	UDPO10* = (10)in HDW range 550 - 600
SSSE-40A	38-38 ft	40"-4" Square	B-180*	UDPO11* = (11)in HDW range 550 - 600
SSSE-40A	40-40 ft	40"-4" Square	B-180*	UDPO12* = (12)in HDW range 550 - 600

NOTES:
 1. Removable base used in conjunction with side arm mounting. Flat specify desired arm.
 2. Specify option location using MOUNTING ORIENTATION logic shown on this page.
 3. Not available with VM - Mode Vibration Damper.
 4. VM recommended on poles 20' and taller with EPA of less than 1. Field installed.
 5. LDP also mounting of most popular fixtures on the market.
 6. LDP also mounting of most popular fixtures on the market.
 7. Must be used with EPA area light with universal arm mount. EPA is not compatible with E2-E11 pattern. For other fixture fixtures, recommend E2-E11 pattern on square poles.
 8. Indicates availability in the E2-E11 Day Evolve Express Ship Program.



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Evolve®

CUSTOMER NAME _____
 PROJECT NAME _____
 DATE _____ TYPE _____
 CATALOG NUMBER _____

SSSE Series Poles
 Square | Straight | Steel

CATALOG NUMBER	HEIGHT	NOMINAL SHAFT THICKNESS	WALL THICKNESS	BOLT CIRCLE (BOLTS/FEET)	BOLT CIRCLE (RANGE)	BOLT SQUARE (RANGE)	BASE PLATE SQUARE	ANCHOR BOLT SIZE	BOLT PROJECTION	POLE WEIGHT
SSSE0-40A	10	3.0	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	77
SSSE1-40A	12	3.7	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	90
SSSE2-40A	14	4.3	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	103
SSSE3-40A	16	4.9	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	116
SSSE4-40A	18	5.5	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	129
SSSE5-40A	20	6.1	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	142
SSSE6-40A	22	6.7	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	155
SSSE7-40A	24	7.3	4" square	0.025"	9"	8"-10"	6.66"-7.02"	3/4"x30"x3"	3.5	168
SSSE8-40B	14	4.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	152
SSSE9-40B	16	4.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	171
SSSE10-40B	18	5.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	190
SSSE11-40B	20	6.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	209
SSSE12-40B	22	6.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	228
SSSE13-40B	24	7.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	247
SSSE14-40B	26	7.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	266
SSSE15-40B	28	8.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	285
SSSE16-40B	30	9.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	304
SSSE17-40B	32	9.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	323
SSSE18-40B	34	10.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	342
SSSE19-40B	36	10.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	361
SSSE20-40B	38	11.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	380
SSSE21-40B	40	12.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	399
SSSE22-40B	42	12.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	418
SSSE23-40B	44	13.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	437
SSSE24-40B	46	13.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	456
SSSE25-40B	48	14.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	475
SSSE26-40B	50	15.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	494
SSSE27-40B	52	15.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	513
SSSE28-40B	54	16.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	532
SSSE29-40B	56	16.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	551
SSSE30-40B	58	17.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	570
SSSE31-40B	60	18.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	589
SSSE32-40B	62	18.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	608
SSSE33-40B	64	19.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	627
SSSE34-40B	66	19.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	646
SSSE35-40B	68	20.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	665
SSSE36-40B	70	21.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	684
SSSE37-40B	72	21.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	703
SSSE38-40B	74	22.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	722
SSSE39-40B	76	22.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	741
SSSE40-40B	78	23.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	760
SSSE41-40B	80	24.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	779
SSSE42-40B	82	24.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	798
SSSE43-40B	84	25.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	817
SSSE44-40B	86	25.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	836
SSSE45-40B	88	26.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	855
SSSE46-40B	90	27.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	874
SSSE47-40B	92	27.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	893
SSSE48-40B	94	28.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	912
SSSE49-40B	96	28.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	931
SSSE50-40B	98	29.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	950
SSSE51-40B	100	30.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	969
SSSE52-40B	102	30.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	988
SSSE53-40B	104	31.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1007
SSSE54-40B	106	31.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1026
SSSE55-40B	108	32.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1045
SSSE56-40B	110	33.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1064
SSSE57-40B	112	33.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1083
SSSE58-40B	114	34.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1102
SSSE59-40B	116	34.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1121
SSSE60-40B	118	35.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1140
SSSE61-40B	120	36.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1159
SSSE62-40B	122	36.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1178
SSSE63-40B	124	37.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1197
SSSE64-40B	126	37.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1216
SSSE65-40B	128	38.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1235
SSSE66-40B	130	39.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1254
SSSE67-40B	132	39.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1273
SSSE68-40B	134	40.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1292
SSSE69-40B	136	40.9	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1311
SSSE70-40B	138	41.5	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1330
SSSE71-40B	140	42.1	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1349
SSSE72-40B	142	42.7	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1368
SSSE73-40B	144	43.3	4" square	1.88"	11"	10"-12"	7.02"-8.48"	1/2"x30"x3"	3.5	1387
SSSE74-40B	146	43.9	4" square							

SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75



2555 Hartsville Rd., Suite B
 Rootstown, OH 44272
 www.WeberEngineeringServices.com
 330-329-2037
 matt@webercivil.com



Reg. No.: 61709

CLIENT:



25001 EMERY ROAD
 #400
 CLEVELAND, OH 44128
 216-223-3200

OWNER:

20914 CENTER RIDGE LLC
 1311 ORCHARD PARK DRIVE
 ROCKY RIVER, OHIO
 44116

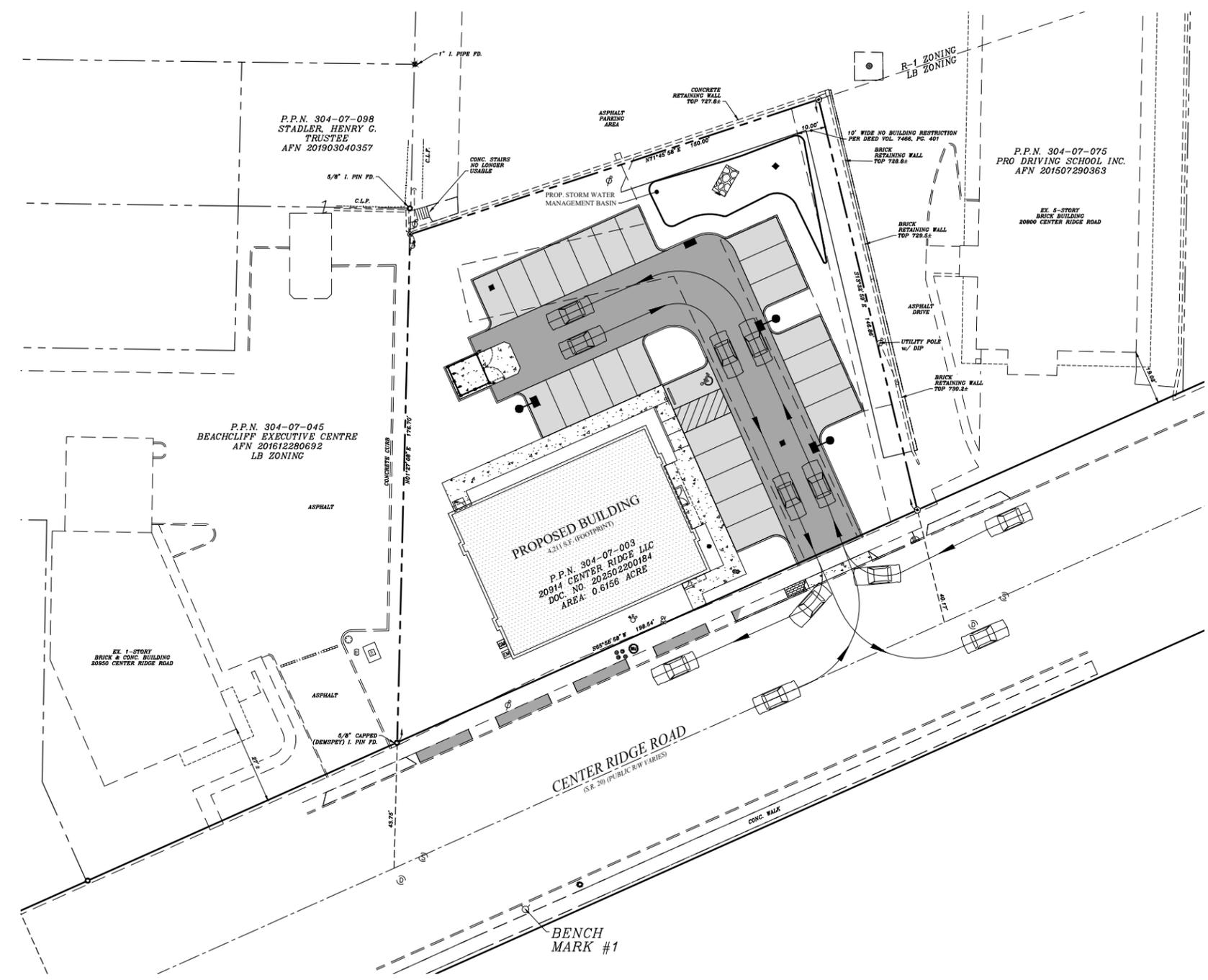
Issue Date

- 10-29-2025
- 11-03-2025
- 11-04-2025
- 11-24-2025
- 12-08-2025
- 01-08-2026
- 02-04-2026

URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

**VEHICLE
 CIRCULATION
 PLAN**

C102E
 Project No. 2025-323

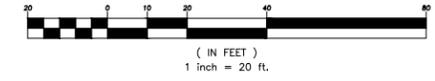


LEGEND
ITALICS TEXT REPRESENTS EXISTING CONDITION
 NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION

ANNUAL AVERAGE DAILY TRAFFIC = 25 VEHICLES PER DAY



GRAPHIC SCALE



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SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75

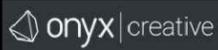


2555 Hartsville Rd., Suite B
 Rootstown, OH 44272
 www.WeberEngineeringServices.com
 330-329-2037
 matt@webercivil.com



Reg. No.: 61709

CLIENT:



25001 EMERY ROAD
 #400
 CLEVELAND, OH 44128
 216-223-3200

OWNER:

20914 CENTER RIDGE LLC
 1311 ORCHARD PARK DRIVE
 ROCKY RIVER, OHIO
 44116

Issue Date

- 10-29-2025
- 11-03-2025
- 11-04-2025
- 11-24-2025
- 12-08-2025
- 01-08-2026
- 02-04-2026

URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

UTILITY
 PLAN

C103
 Project No. 2025-323

**EX. STORM
 STRUCTURE
 SCHEDULE**

- ① EX. STORM MANHOLE
 TOP 730.88
 INV. 720.71, 24" SW
- ② EX. STORM MANHOLE
 TOP 730.88
 INV. 721.02, 24" NE
- ③ EX. CURB INLET
 TOP 730.17
 CUTTER 728.73
- ④ EX. CURB BASIN
 TOP 712.84

**EX. SANITARY
 STRUCTURE
 SCHEDULE**

- ⑤ EX. SANITARY MANHOLE
 TOP 730.84
 INV. 713.78, 10" NE
- ⑥ EX. SANITARY MANHOLE
 TOP 730.81
 INV. 714.61, 10" SW

**PROPOSED STORM
 STRUCTURE SCHEDULE**

- ⑦ PROP. OUTLET STRUCTURE
 STA. 0+08.13
 TOP 728.25
- ⑧ PROP. ODOT HW 2.1
 STA. 1+00
 INV. 725.50, 12" SW
- ⑨ PROP. ODOT CB 3A
 STA. 1+19.97, STA. 2+00, STA. 3+00
 TOP 729.60
 INV. 725.65, 12" W, SE & NE
- ⑩ PROP. ODOT CB 2-2C
 STA. 2+76.68
 TOP 729.60
 INV. 726.40, 12" W, SE & NE
- ⑪ PROP. ODOT CB 2-2C
 STA. 3+70.91
 TOP 728.50
 INV. 726.00, 12" E

**PROPOSED SANITARY
 STRUCTURE SCHEDULE**

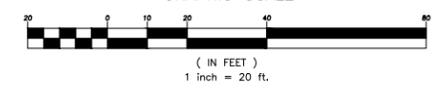
- ⑫ PROP. SANITARY CO.
 TOP 738.95
 INV. 726.95, 6" SE & SW

FROM	TO	SIZE	SLOPE	TYPE	LENGTH
EX. 4	1	12"	1.00%	HDPE	8.13'
2	3	12"	0.75%	HDPE	19.97'
3	4	12"	1.00%	HDPE	76.68'
3	5	12"	0.50%	HDPE	70.91'

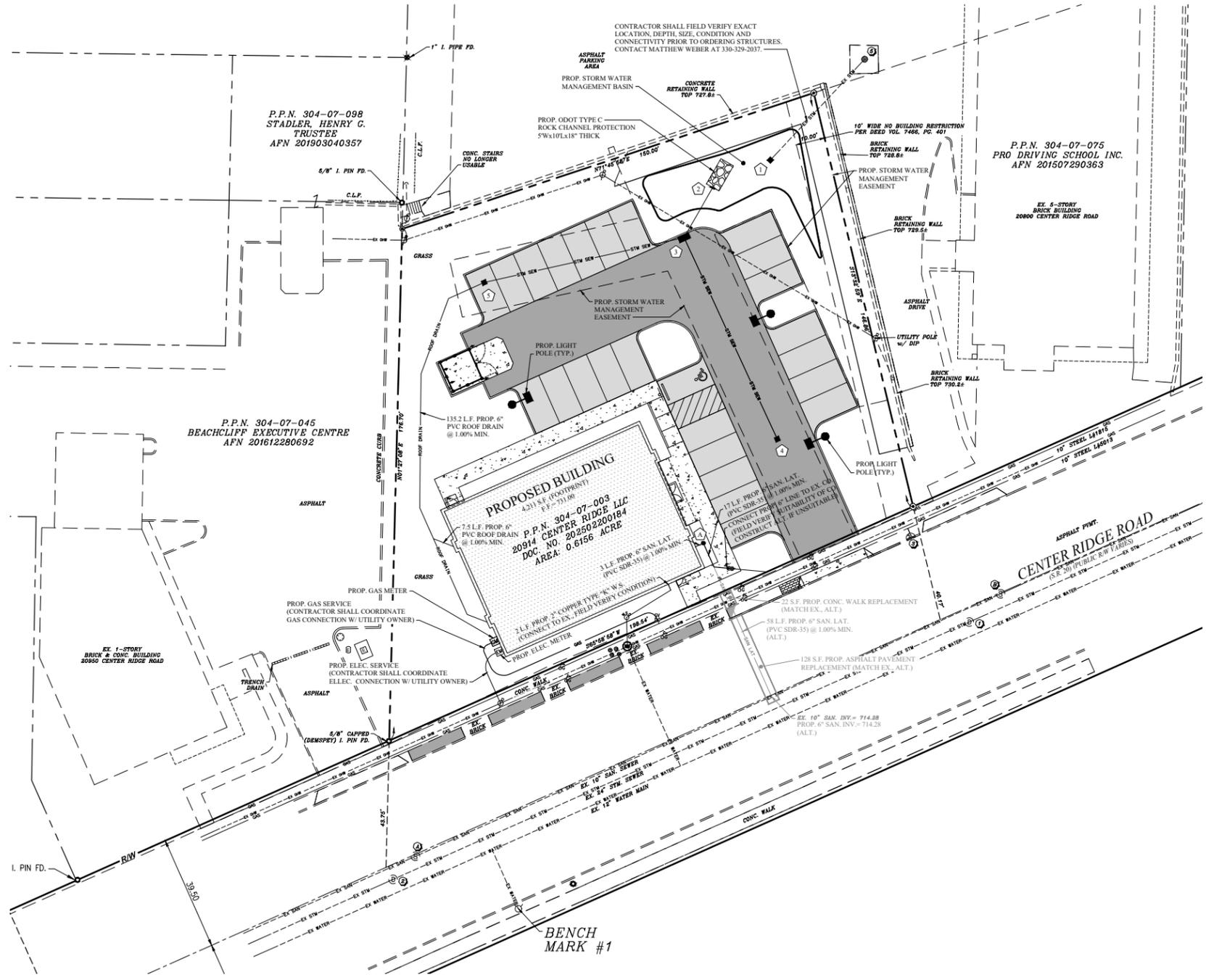
LEGEND
 ITALICS TEXT REPRESENTS EXISTING CONDITION
 NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION



GRAPHIC SCALE



STORM & SANITARY SEWER NOTE:
 CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, DEPTH, SIZE, CONDITION AND CONNECTIVITY OF ALL STORM SEWER SYSTEMS AND SANITARY SEWER SYSTEMS ON THE SITE. SITE CIVIL ENGINEER SHALL BE INFORMED OF THE RESULTS OF THE INVESTIGATION PRIOR TO CONSTRUCTION.



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URGENT CARE
SITE IMPROVEMENTS
20914 CENTER RIDGE RD, ROCKY RIVER, OH

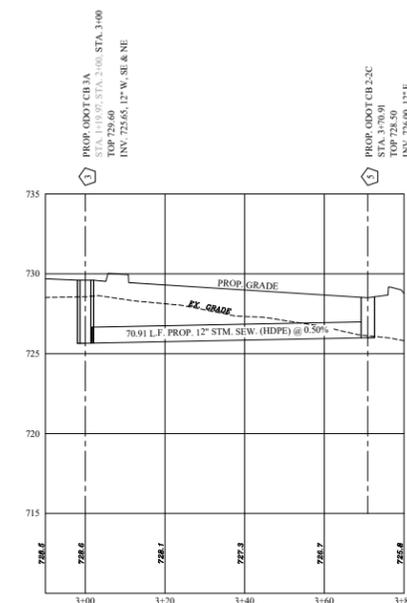
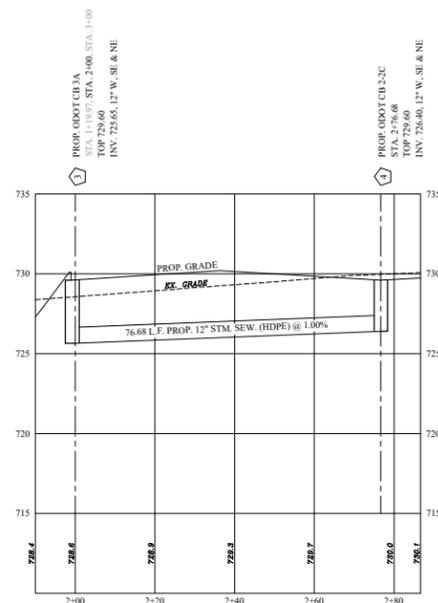
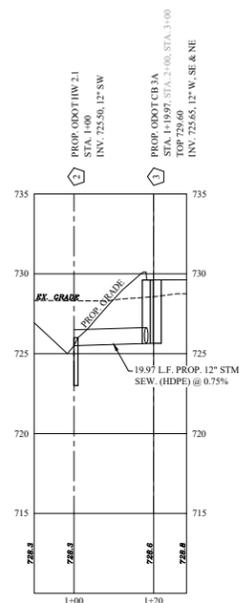
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- 11-24-2025
- 12-08-2025
- 01-08-2026
- 02-04-2026

STORM
SEWER
PROFILES

C103A

Project No. 2025-323



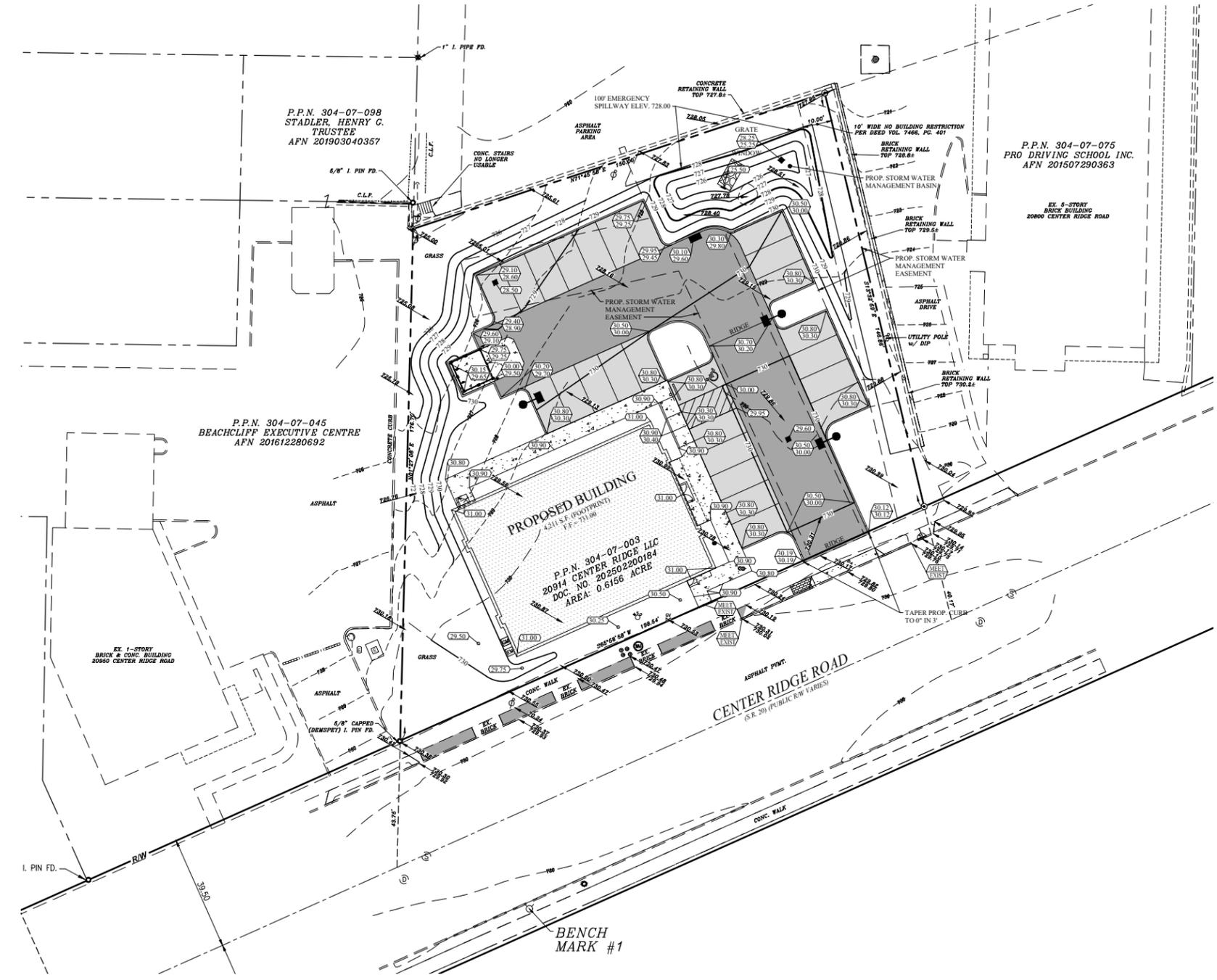
Horiz. Scale: 1" = 20'
Vert. Scale: 1" = 5'



SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75

LEGEND
ITALICS TEXT REPRESENTS EXISTING CONDITION
 NON-ITALICS TEXT REPRESENTS PROPOSED CONDITION

-  PROPOSED SPOT GRADE
-  PROPOSED GRADE AT CURB
-  EXISTING SPOT GRADE



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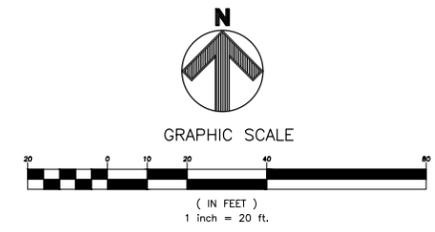
1311 ORCHARD PARK DRIVE
 ROCKY RIVER, OHIO
 44116

**URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH**

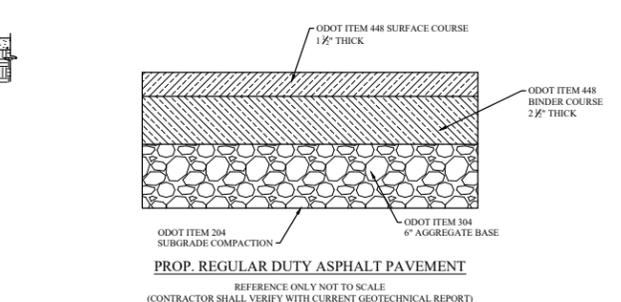
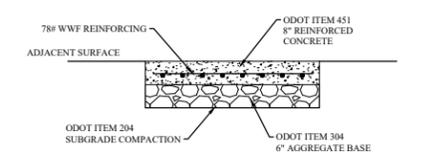
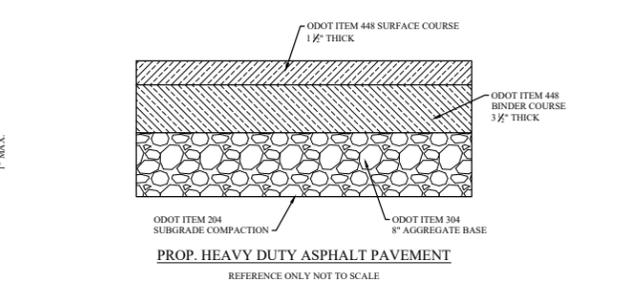
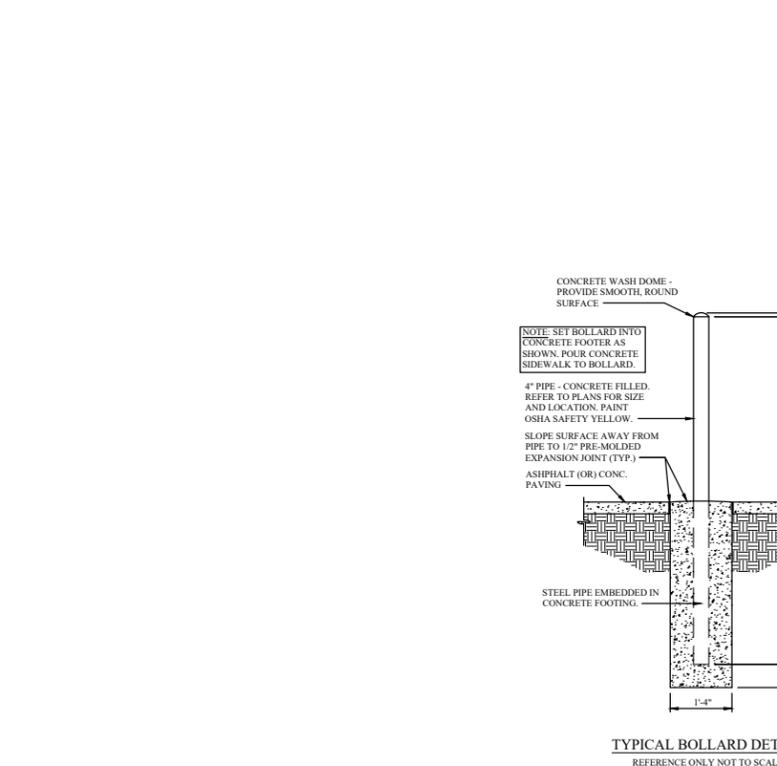
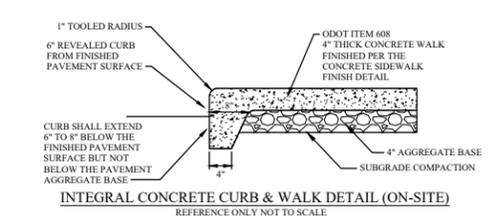
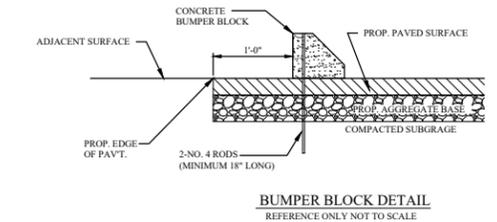
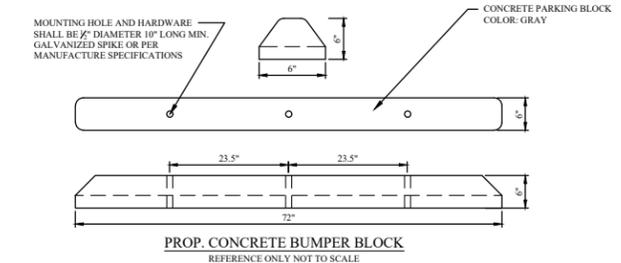
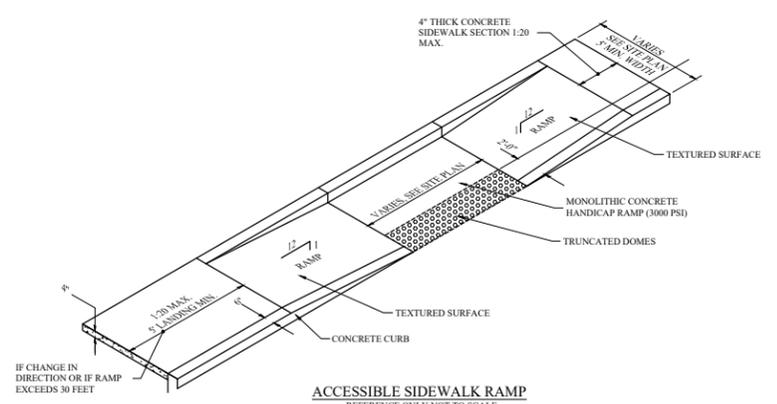
Issue Date
10-29-2025
11-03-2025
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11-24-2025
12-08-2025
01-08-2026
02-04-2026

GRADING PLAN

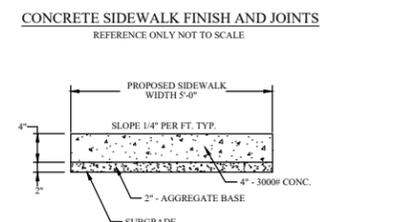
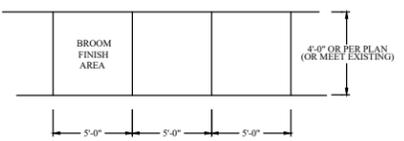
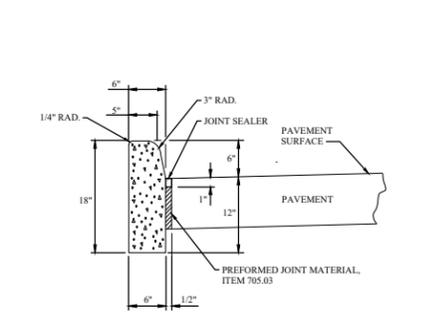
C104
 Project No. 2025-323



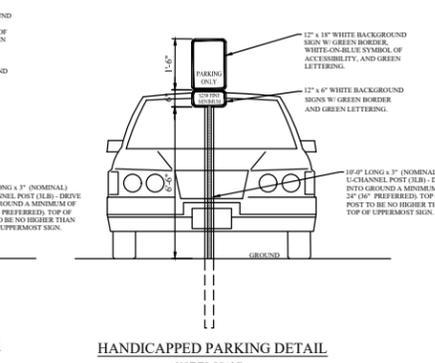
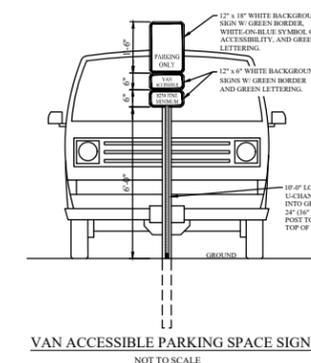
C:\Users\matt\OneDrive\Documents\Projects\2025\2025-323 Urgent Care Rocky River\2025-323 Site Imp\02-04-2026\02-04-2026.DWG (A) 2/26/26



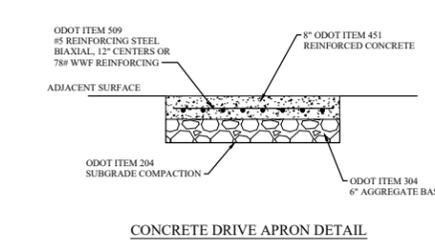
CONTROL JOINT/SAW CUTS
 SOFT CUT SAW CUTS WITHIN 24 HOURS OF POUR TO BE 1/4 (1-SLAB THICKNESS). MAX SPACING SHALL BE 12'-0" O.C. MAXIMUM EACH WAY.
 CONTROL JOINTS SHALL NOT TERMINATE AT ANY INTERSECTION JOINT (EITHER CONSTRUCTION OR CONTROL) SO AS TO CREATE A 7" INTERSECTION. EXCEPTION: SAW CUTS MAY TERMINATE AT UNDOVELED CONSTRUCTION JOINTS.



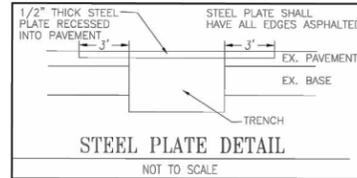
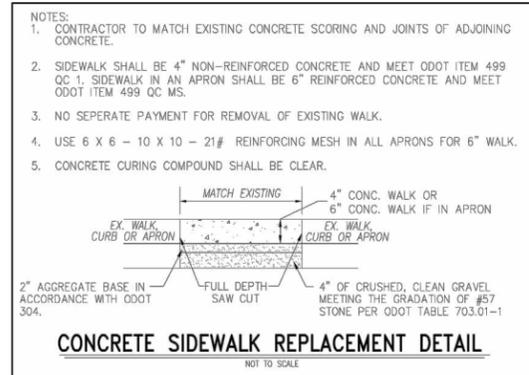
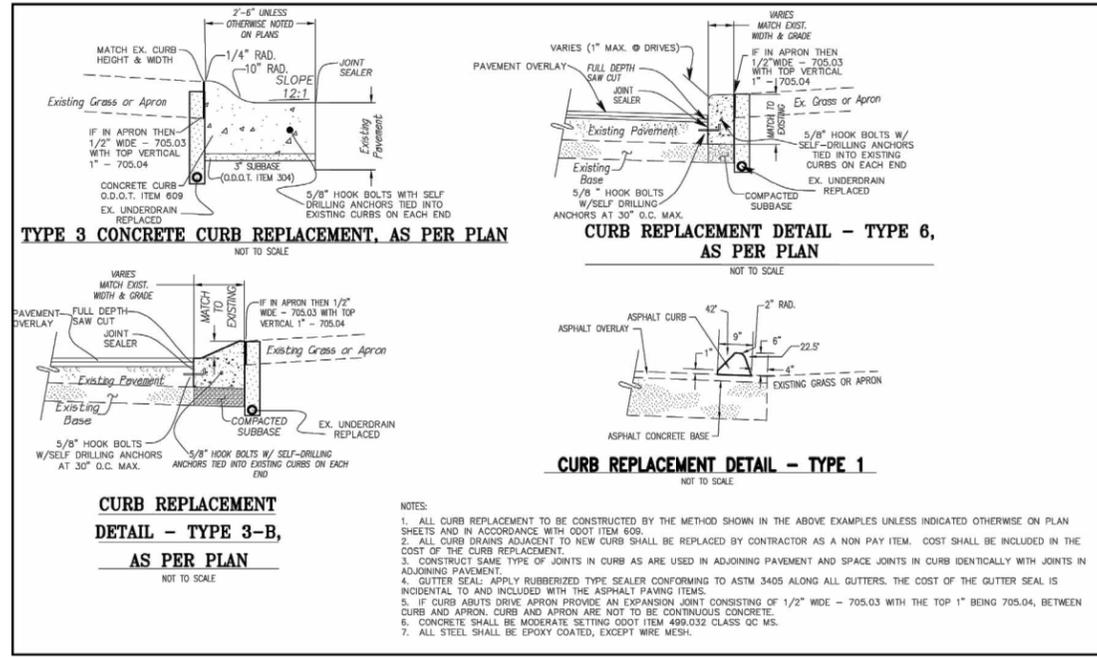
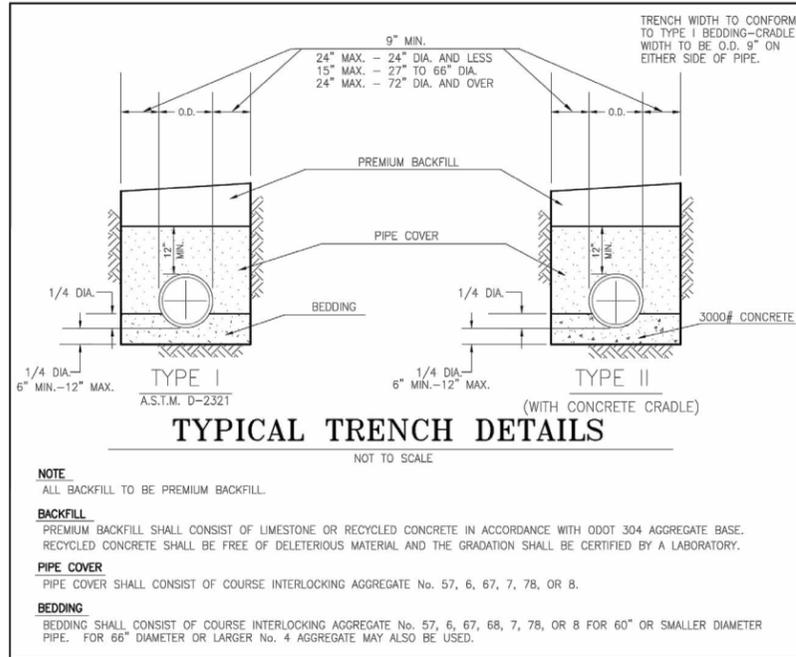
NOTE:
 CRACK CONTROL SHALL BE AT FIFTEEN FOOT (15') INTERVALS AND SCORE MARKS SHALL BE AT FIVE FOOT (5') INTERVALS. CONSTRUCTION SHALL BE IN ACCORDANCE WITH O.D.O.T. ITEM 608. PRIOR TO THE START OF SIDEWALK CONSTRUCTION THE SUBGRADE MUST BE INSPECTED AND APPROVED BY THE OWNER'S REPRESENTATIVE. ANY SETTLEMENT OR DEFICIENT AREAS IDENTIFIED BY THE OWNER'S REPRESENTATIVE SHALL BE REPAIRED BY A METHOD ACCEPTABLE TO THE OWNER. THE REPAIRED AREAS WILL BE SUBJECT TO COMPACTION TESTING AND APPROVAL BY THE OWNER PRIOR TO THE START OF SIDEWALK CONSTRUCTION.



HANDICAPPED PARKING DETAIL
 REFERENCE ONLY NOT TO SCALE



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MAINTENANCE OF TRAFFIC

- GENERAL REQUIREMENTS:**
- ALL TRAFFIC SIGNS, BARRICADES, DEVICES AND TRAFFIC CONTROL PERSONNEL, FOR THE SAFETY AND CONTROL OF PEDESTRIAN AND VEHICLE TRAFFIC, FOR THE WORK AREA SHALL BE FURNISHED BY, AND BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR, AT ALL TIMES.
- ALL ABOVE STATED ITEMS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS INCLUDING, BUT NOT EXCLUSIVE OF O.R.C. 614.02, 614.03.
- CONES SHALL NOT BE ACCEPTABLE TRAFFIC CONTROL DEVICES FOR LANE REDUCTION THAT ARE IN OPERATIONS MORE THAN ONE-HALF HOUR BEFORE SUNRISE OR ONE-HALF HOUR AFTER SUNSET.
 - ALL NIGHTTIME LANE RESTRICTIONS OR LANE REDUCTIONS SHALL REQUIRE APPROVED TRAFFIC BARRELS AT A MAXIMUM OF 50 FT. APART. THE COST ASSOCIATED WITH WORK IS CONSIDERED INCIDENTAL TO THIS PROJECT AND MAY BE DIRECTED AT LOCATIONS BY THE UTILITY OR ANY GOVERNING JURISDICTION.
 - FOR THE DURATION OF THE PROJECT, AT NO ADDITIONAL COST TO THE PROJECT OR UTILITY OR CITY, AND MUST BE BID ACCORDINGLY.

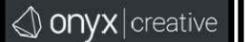
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Reg. No.: 61709

CLIENT:



25001 EMERY ROAD
#400
CLEVELAND, OH 44128
216-223-3200

OWNER:

20914 CENTER RIDGE LLC

1311 ORCHARD PARK DRIVE
ROCKY RIVER, OHIO
44116

URGENT CARE SITE IMPROVEMENTS 20914 CENTER RIDGE RD, ROCKY RIVER, OH	Issue Date
	10-29-2025
	11-03-2025
	11-04-2025
	11-24-2025
	12-08-2025
	01-08-2026
	02-04-2026

SITE DETAILS

C105A
Project No. 2025-323

SITE BENCH MARK
 BENCH MARK #1
 TOP OF HYDRANT
 ELEVATION = 732.75

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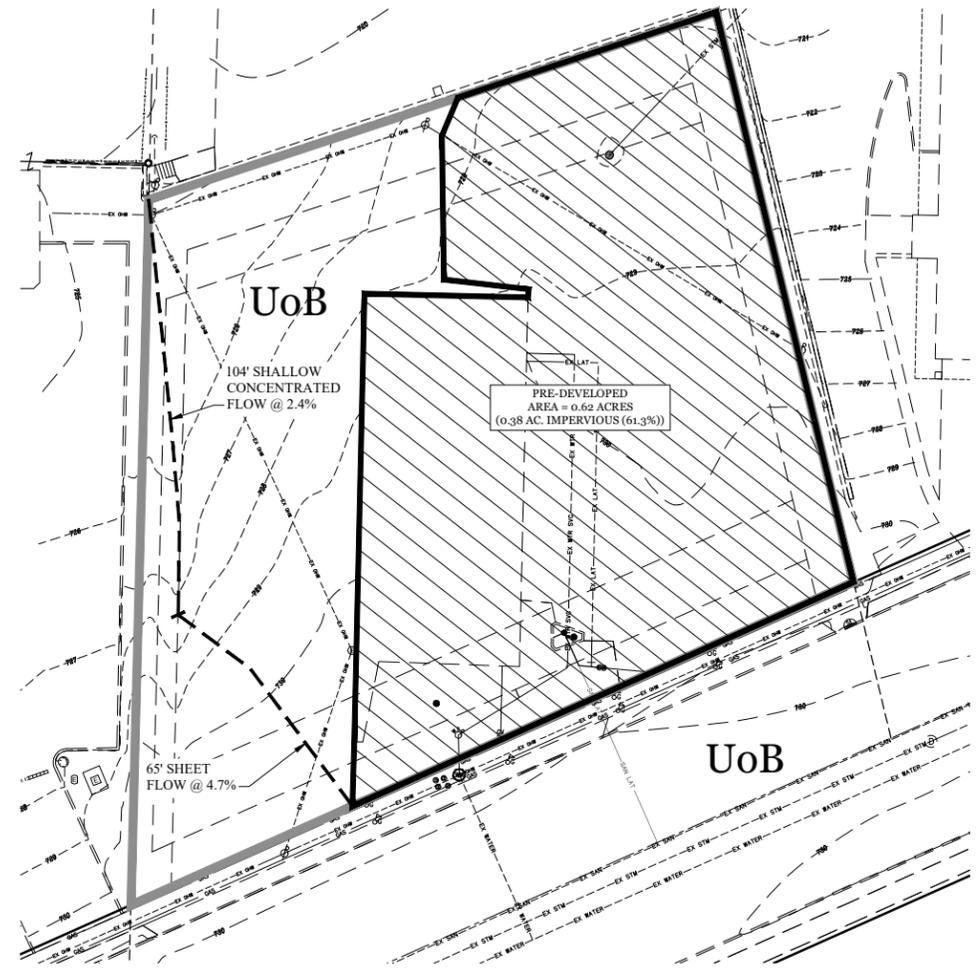
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- 02-04-2026

URGENT CARE
 SITE IMPROVEMENTS
 20914 CENTER RIDGE RD., ROCKY RIVER, OH

**ABBREVIATED
 SWP3
 DETAILS**

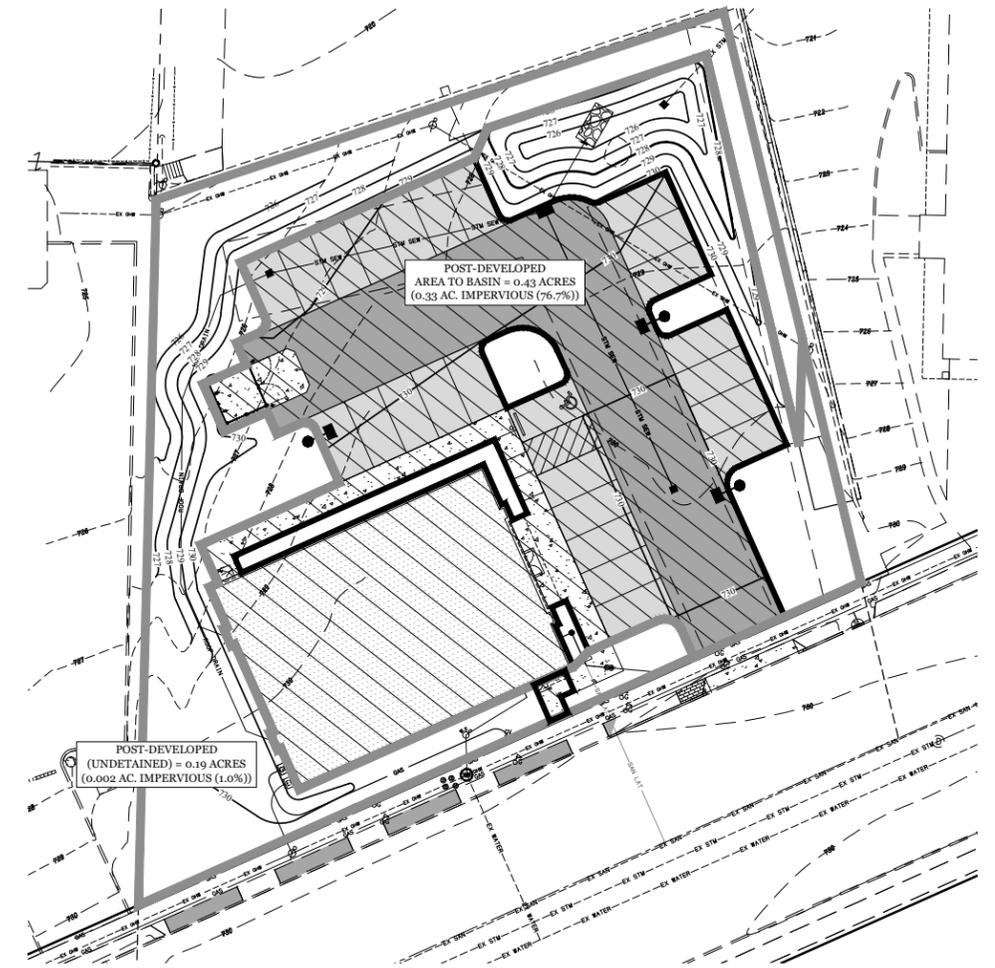
C107
 Project No. 2025-323



PRE-DEVELOPED DRAINAGE MAP & SOILS MAP

PRE-DEVELOPED: AREA = 0.62 AC., CN = 91, TC = 6.3 MIN.
 UoB - Urban land-Oshtemo complex, undulating

TOTAL PRE-DEVELOPED IMPERVIOUS AREA = 0.38 AC. (61.3%)



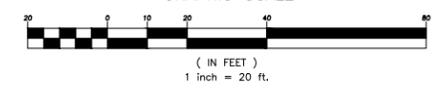
POST-DEVELOPED DRAINAGE MAP

POST-DEVELOPED TO BASIN: AREA = 0.43 AC., CN = 94, TC = 5 MIN.
 POST-DEVELOPED (UNDETAINED): AREA = 0.19 AC., CN = 80, TC = 5 MIN.

TOTAL POST-DEVELOPED IMPERVIOUS AREA = 0.332 AC. (53.5%)



GRAPHIC SCALE



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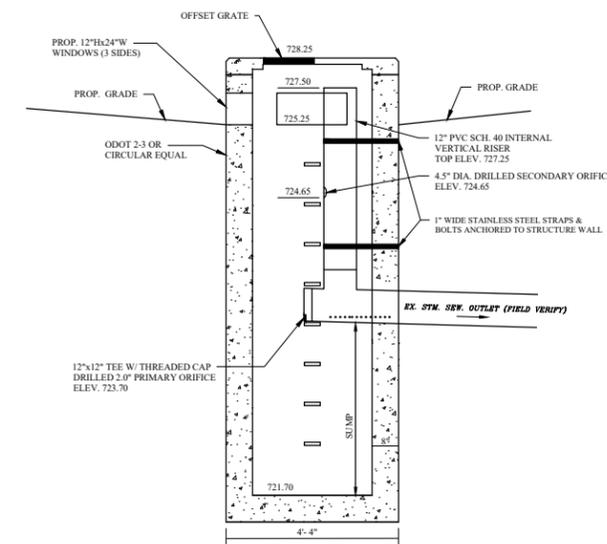
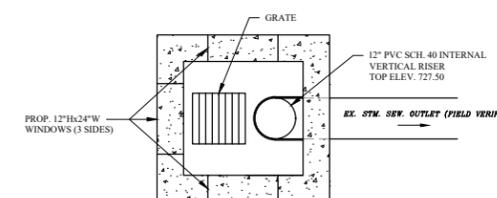
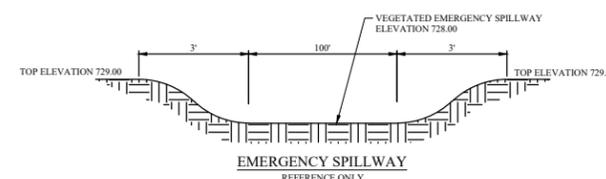
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ABBREVIATED
 SWP3
 DETAILS

C108
 Project No. 2025-323



REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES OF RAIN IN A 24 HOUR PERIOD. PROVIDED WILL BE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATED OF INSPECTION AND CORRECTIVE MEASURES TAKEN. A WRITTEN REPORT ON THE STATUS OF ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SUBMITTED TO THE BUILDING COMMISSIONER BY MAY 1ST OF EACH YEAR INTO PERPETUITY (SEE SECTION 1311.13 OF R.R. C.O.). ALL CONTROL PRACTICES THAT REQUIRE REPAIR SHALL BE REPAIRED WITHIN THREE (3) DAYS OF THE INSPECTION.

WATER-TIGHT CONNECTIONS SHALL BE PROVIDED WHERE INLET AND OUTLET PIPES PENETRATE THE OUTLET STRUCTURES OF PROPOSED TRENCHES. ALL WALL JOINTS AND WALL-TO-STRUCTURE JOINTS SHALL BE WATERTIGHT.

A WRITTEN REPORT ON THE STATUS OF ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SUBMITTED TO THE BUILDING COMMISSIONER BY MAY 1ST OF EACH YEAR INTO PERPETUITY (SEE SECTION 1311.13 OF R.R. C.O.).

AN AS-BUILT CERTIFICATION SIGNED BY A PROFESSIONAL ENGINEER CERTIFYING THAT THE STORMWATER MANAGEMENT PLAN AS INSTALLED MEETS THE REQUIREMENTS OF THE APPROVED STORMWATER MANAGEMENT PLAN IS REQUIRED.

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- Construction personnel, including subcontractors who may use or handle hazardous or toxic materials, shall be made aware of the following general guidelines regarding disposal and handling of hazardous and construction wastes:
 - Prevent spills
 - Use products up
 - Follow label directions for disposal
 - Remove lids from empty bottles and cans when disposing in trash
 - Recycle wastes whenever possible
 - Don't pour into waterways, storm drains or onto the ground
 - Don't pour down the sink, floor drain or septic tanks
 - Don't bury chemicals or containers
 - Don't burn chemicals or containers
 - Don't mix chemicals together
- Containers shall be provided for the proper collection of all waste material including construction debris, trash, petroleum products and any hazardous materials used on-site. Containers shall be covered and not leaking. All waste material shall be disposed of at facilities approved for that material. Construction Demolition and Debris (CD&D) waste must be disposed of at an Ohio EPA approved CD&D landfill.
 - No construction related waste materials are to be buried on-site. By exception, clean fill (bricks, hardened concrete, soil) may be utilized in a way which does not encroach upon natural wetlands, streams or floodplains or result in the contamination of waters of the state.
- Handling Construction Chemicals. Mixing, pumping, transferring or other handling of construction chemicals such as fertilizer, lime, asphalt, concrete drying compounds, and all other potentially hazardous materials shall be performed in an area away from any watercourse, ditch or storm drain.
 - Equipment Fueling and Maintenance, oil changing, etc., shall be performed away from watercourses, ditches or storm drains, in an area designated for that purpose. The designated area shall be equipped for recycling oil and catching spills. Secondary containment shall be provided for all fuel oil storage tanks. These areas must be inspected every seven days and within 24 hrs. of a 0.5 inch or greater rain event to ensure there are no exposed materials which would contaminate storm water. Site operators must be aware that Spill Prevention Control and Countermeasures (SPCC) requirements may apply. An SPCC plan is required for sites with one single above ground tank of 660 gallons or more, accumulative above ground storage of 1330 gallons or more, or 42,000 gallons of underground storage. Contaminated soils must be disposed of in accordance with Item 8.
- Concrete Wash Water shall not be allowed to flow to streams, ditches, storm drains, or any other water conveyance. A sump or pit with no potential for discharge shall be constructed if needed to contain concrete wash water. Field tie or other subsurface drainage structures within 10 ft. of the sump shall be cut and plugged.
- Spill Reporting Requirements: Spills on pavement shall be absorbed with sawdust or kity litter and disposed of with the trash at a licensed sanitary landfill. Hazardous or industrial wastes such as most solvents, gasoline, oil-based paints, and cement curing compounds require special handling. Spills shall be reported to Ohio EPA (1-800-282-9378). Spills of 25 gallons or more of petroleum products shall be reported to Ohio EPA, the local fire department, and the Local Emergency Planning Committee within 30 min. of the discovery of the release. All spills which contact waters of the state must be reported to Ohio EPA.
- Contaminated Soils. If substances such as oil, diesel fuel, hydraulic fluid, antifreeze, etc. are spilled, leaked, or released onto the soil, the soil should be dug up and disposed of at licensed sanitary landfill or other approved petroleum contaminated soil remediation facility. (not a construction/demolition debris landfill). Note that storm water runoff associated with contaminated soils are not be authorized under Ohio EPA's General Storm Water Permit associated with Construction Activities.
- Open Burning. No materials containing rubber, grease, asphalt, or petroleum products, such as tires, auto parts, plastics or plastic coated wire may be burned (OAC 3745-19). Open burning is not allowed in restricted areas, which are defined as: 1) within corporation limits; 2) within 1000 feet outside a municipal corporation having a population of 1000 to 10,000; and 3) a one mile zone outside of a corporation of 10, 000 or more. Outside of restricted areas, no open burning is allowed within a 1000 feet of an inhabited building on another property. Open burning is permissible in a restricted area for: heating tar, welding, smudge pots and similar occupational needs, and heating for warmth or outdoor barbecues. Outside of restricted areas, open burning is permissible for landscape or land-clearing wastes (plant material, with prior written permission from Ohio EPA), and agricultural wastes, excluding buildings.
- Dust Control or dust suppressants shall be used to prevent nuisance conditions, in accordance with the manufacturer's specifications and in a manner, which prevent a discharge to waters of the state. Sufficient distance must be provided between applications and nearby bridges, catch basins, and other waterways. Application (excluding water) must not occur when rain is imminent as noted in the short term forecast. Used oil may not be applied for dust control.
- Other Air Permitting Requirements: Certain activities associated with construction will require air permits including but not limited to: mobile concrete batch plants, mobile asphalt plants, concrete crushers, large generators, etc. These activities will require specific Ohio EPA Air Permits for installation and operation. Operators must seek authorization from the corresponding district of Ohio EPA. For demolition of all commercial sites, a Notification for Restoration and Demolition must be submitted to Ohio EPA to determine if asbestos corrective actions are required.
- Process Waste Water/Leachate Management. Ohio EPA's Construction General Permit only allows the discharge of storm water and does not include other waste streams/discharges such as vehicle and/or equipment washing, on-site septic leachate concrete wash outs, which are considered process wastewaters. All process wastewaters must be collected and properly disposed at an approved disposal facility. In the event, leachate or septic is discharged; it must be isolated for collection and proper disposal and corrective actions taken to eliminate the source of waste water.
- A Permit to Install (PTI) is required prior to the construction of all centralized sanitary systems, including sewer extensions, and sewerage systems (except those serving one, two, and three family dwellings) and potable water lines. Plans must be submitted and approved by Ohio EPA. Issuance of an Ohio EPA Construction General Storm Water Permit does not authorize the installation of any sewerage system where Ohio EPA has not approved a PTI.

CONSTRUCTION SEQUENCE

(ALL ITEMS ARE TO BE THE RESPONSIBILITY OF THE GENERAL SITE CONTRACTOR)

SITE PREPARATION

NOTE:

PROVIDE SAFE AND SECURE PEDESTRIAN AND VEHICULAR TRAFFIC CIRCULATION THROUGHOUT THE ENTIRETY OF THE CONSTRUCTION SEQUENCE WITH WELL DEFINED CONSTRUCTION BOUNDARIES TO BE ACCESSED BY CONSTRUCTION PERSONNEL ONLY. ALL EROSION CONTROLS ARE TO BE THOROUGHLY INSPECTED BY THE CONTRACTOR UPON THE COMPLETION OF EACH WORK DAY AND MAINTAINED THROUGHOUT THE REQUIRED LIFE OF THE CONTROL, AS SPECIFIED BY THE APPROVED EROSION AND SEDIMENTATION CONTROL PLANS AND NARRATIVE. THE CONTRACTOR MUST REVIEW THE APPROVED EROSION AND SEDIMENTATION CONTROL PLANS AND NARRATIVE. THE CONTRACTOR MUST REVIEW THE APPROVED NPDES PERMIT AND SIGN THE PERMIT TO ACCEPT RESPONSIBILITIES AS THE CO-PERMITTEE.

INITIAL PHASE (WITHIN 7 DAYS OF START OF GRUBBING)

- INSTALL A TEMPORARY CONSTRUCTION ENTRANCE FOR ACCESS TO CONSTRUCTION AREAS OF SITE.
- SETUP CONSTRUCTION TRAILER ON SITE AND ESTABLISH TEMPORARY POWER AND TELEPHONE SERVICE AS NECESSARY.
- ALL TEMPORARY UTILITY SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- STAKEOUT LIMITS OF DISTURBANCE.
- INSTALL TEMPORARY INLET PROTECTION ON ALL EXISTING CATCH BASINS WITHIN LIMITS OF CONSTRUCTION. REMOVE SILT PROTECTION FROM DESIGNATED INLETS ONLY WHEN INLET STRUCTURE IS TO BE REMOVED AS REQUIRED BY PROGRESSION OF CONSTRUCTION. REFER TO PLANS FOR IDENTIFICATION OF INLET STRUCTURES TO BE REMOVED.
- INSTALL ALL FILTER FABRIC FENCE WHERE SHOWN ON PLANS.
- BEGIN SITE CLEARING.
- REMOVE TOPSOIL FROM AREAS OF BUILDING AND PAVEMENT.
- BEGIN EARTHWORK OPERATIONS.
- IN THE EVENT OF RAIN, ALLOW STANDING WATER TO SETTLE PRIOR TO PUMPING. UTILIZE THE PUMPING SYSTEMS TO PUMP POLLUTED WATER PER E.P.A. REQUIREMENTS. ALLOW ONLY CLEAN WATER TO BE DISCHARGED TO THE EXISTING DRAINAGE SYSTEM. REMOVE SILT FROM BASINS AS NECESSARY PRIOR TO CONTINUING EARTHWORK. MATERIAL SHOULD BE MECHANICALLY SPREAD AND DRIED PRIOR TO INCORPORATION INTO THE EARTHWORK PROCEDURES. ADEQUACY OF THE DRIED MATERIAL IS TO BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE AND ENSURE THAT PROPER MECHANISMS ARE IN PLACE TO CONTROL WASTE MATERIALS. CONSTRUCTION WASTES INCLUDES, BUT ARE NOT LIMITED TO, EXCESS SOIL MATERIALS, BUILDING MATERIALS, CONCRETE WASH WATER, SANITARY WASTES, ETC., THAT COULD ADVERSELY IMPACT WATER QUALITY. MEASURES SHALL BE PLANNED AND IMPLEMENTED FOR HOUSEKEEPING, MATERIALS MANAGEMENT, AND LITTER CONTROL. WHEREVER POSSIBLE, RECYCLING OF EXCESS MATERIALS IS PREFERRED, RATHER THAN DISPOSAL.

MULCHING TEMPORARY SEEDING

- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDING MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.
- MATERIALS: STRAW-IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN APPLIED AT 2 TONS/AC. OR 80 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. BALS OF STRAW IN EACH SECTION. HYDROSEEDERS-IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB./AC. OR 80 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.
- STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS: MECHANICAL-A DISK, CRUMPER 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 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. SYNTHETIC BINDERS-SYNTHETIC BINDERS SUCH AS ACRYLIC DLK (AGRI-TAC), DC-N, PETRORET, TERA-TACK OR EQUIVALENT MAY BE USED AT RATES RECOMMENDED BY MANUFACTURER. WOOD-CELLULOSE FIBRE-WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 30 LB./AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL.

INTERIM PHASE GENERAL CONSTRUCTION

- MAINTAIN TEMPORARY CONTROLS UNTIL REMOVAL IS WARRANTED DUE TO PROGRESSION OF WORK.
- BEGIN EARTHMOVING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE COUNTY CONSERVATION DISTRICT OF LOCATION AND EROSION AND SEDIMENTATION CONTROL MEASURES IMPLEMENTED AT BORROW OR SPOIL SITE OF IMPORT/EXPORT MATERIAL. THE CONTRACTOR IS TO COORDINATE WITH OWNER THE PLACEMENT OF SUCH MEASURES.
- STORM SEWER, SANITARY SEWER, WATER LINE AND UTILITY LINE CONSTRUCTION MAY BEGIN IMMEDIATELY FOLLOWING ESTABLISHMENT OF GRADE AND WITH THE PERMISSION OF THE OWNER.
- STABILIZE ALL UTILITY TRENCHES AT THE END OF EACH WORKDAY BY MEANS OF GRAVEL BACKFILL TO SURFACE, REPAVING OR MULCHING.
- REPLACE TOPSOIL, FINE GRADE AND SEED AS REQUIRED.
- STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEED AND MULCHING OR CROWN/VETCH SEEDING IMMEDIATELY UPON REACHING FINAL GRADE.
- INSTALL PAVEMENT SUBBASE.
- BEGIN BITUMINOUS PAVING, REMOVING TEMPORARY CONSTRUCTION ENTRANCE ONLY WHEN NECESSARY.
- RESEED AND REDRESS ANY AREAS THAT MAY REQUIRE ATTENTION IMMEDIATELY. NOTE THAT LAWN AREAS WILL NOT BE DEEMED STABLE UNTIL A UNIFORM 80% COVERAGE IS ACHIEVED.
- ALL EROSION MEASURES SHALL REMAIN IN PLACE UNTIL THE SITE IS STABILIZED. ALL AREAS OF VEGETATIVE SURFACE STABILIZATION, WHETHER TEMPORARY OR PERMANENT, SHALL BE CONSIDERED TO BE IN PLACE AND FUNCTIONAL WHEN THE REQUIRED UNIFORM RATE OF COVERAGE (80%) IS OBTAINED.

FINAL PHASE POST-PAVING

- IF, FOR ANY REASON, THE PROJECT IS SUSPENDED, THE CONTRACTOR SHALL INSURE THAT ALL INSTALLED EROSION MEASURES ARE FUNCTIONING AND PROPERLY MAINTAINED DURING THIS PERIOD, AND THAT ALL BARED SOILS ARE SEEDED AND MULCHED WITH TEMPORARY SEED MIXTURE.
- THE FOLLOWING ITEMS MUST BE COMPLETED BY THE CONTRACTOR, IN ORDER, ONCE THE SITE HAS BEEN DEEMED STABLE:
 - REMOVE SEDIMENT CONTROL DEVICES.
 - REMOVE TEMPORARY CONSTRUCTION ENTRANCE PRIOR TO COMPLETION OF PAVING.
 - SITE CLEAN UP.
 - RESEED ANY AREAS THAT REQUIRE ADDITIONAL SEED
 - FILTER FENCES ARE TO BE CLEANED, REMOVED, BACKFILLED AND SEEDED WITH PERMANENT SEEDING.
 - VERIFY POSITIVE CONVEYANCE FLOW IN ALL DRAINAGE STRUCTURES.

SPECIFICATIONS FOR TEMPORARY SEEDING

TEMPORARY SEEDING SPECIES SELECTION			
SEEDING DATES	SPECIES	LB/100 FT ²	LB/ACRE
MARCH 1 TO AUGUST 15	OATS	3	128 (4 BU/SHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
AUGUST 16TH TO NOVEMBER	ANNUAL RYEGRASS	1.25	55
	PERENNIAL RYEGRASS	2.25	142
	CREeping RED FESCUE	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
	OATS	3	128 (3 BU/SHEL)
	TALL FESCUE	1	40
AUGUST 16TH TO NOVEMBER	RYE	3	112 (2 BU/SHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	WHEAT	3	120 (BU/SHEL)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
NOVEMBER 1 TO FEB. 29	PERENNIAL RYE	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	ANNUAL RYEGRASS	1.25	40
	PERENNIAL RYEGRASS CREEPING RED FESCUE	0.4	40
	KENTUCKY BLUEGRASS	0.4	40

USE MULCH ONLY FOR DORMANT SEEDING

NOTE: OTHER APPROVED SPECIES MAY BE SUBSTITUTED

- 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.
- TEMPORARY SEED SHALL BE APPLIED BEFORE CONSTRUCTION OPERATIONS ON SOIL THAT WILL NOT BE GRADED OR REWORKED FOR 14 DAYS OR MORE. THESE IDEAL AREAS SHOULD BE APPLIED AS SOON AS POSSIBLE AFTER GRADING OR SHALL BE SEEDED WITHIN 7 DAYS. SEVERAL APPLICATIONS OF TEMPORARY SEEDING ARE NECESSARY ON TYPICAL CONSTRUCTION PROJECTS.
- THE SEEDED SHALL BE PULVERIZED AND SOIL TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. HOWEVER, TEMPORARY SEEDING SHALL NOT BE POSTPONED IF IDEAL SEEDED PREPARATION IS NOT POSSIBLE.
- 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.
- SEEDING METHODS-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

- APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDING MADE DURING OPTIMUM SEEDING DATES AND WITH FAVORABLE SOIL CONDITIONS AND ON VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.
- MATERIALS: STRAW-IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN APPLIED AT 2 TONS/AC. OR 80 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. BALS OF STRAW IN EACH SECTION. HYDROSEEDERS-IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2,000 LB./AC. OR 80 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.
- STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS: MECHANICAL-A DISK, CRUMPER 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 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. SYNTHETIC BINDERS-SYNTHETIC BINDERS SUCH AS ACRYLIC DLK (AGRI-TAC), DC-N, PETRORET, TERA-TACK OR EQUIVALENT MAY BE USED AT RATES RECOMMENDED BY MANUFACTURER. WOOD-CELLULOSE FIBRE-WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WEIGHT OF 30 LB./AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL.

BMP INSPECTION CHECKLIST

BMP	FREQUENCY	NOTES
GENERAL INSPECTION	EVERY 6 MO.	
STORM WATER BASIN	MONTHLY	FIRST 2 GROWING SEASONS THEN TWICE A YEAR
VEGETATION	MONTHLY	FIRST GROWING SEASON
SILT FENCE	MONTHLY	FIRST GROWING SEASON

REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION AND SEDIMENT CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE KEPT THROUGHOUT THE CONSTRUCTION PERIOD. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES OF RAIN IN A 24 HOUR PERIOD. PROVIDED WILL BE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATED OF INSPECTION AND CORRECTIVE MEASURES TAKEN. A WRITTEN REPORT ON THE STATUS OF ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SUBMITTED TO THE BUILDING COMMISSIONER BY MAY 1ST OF EACH YEAR INTO PERPETUITY (SEE SECTION 1311.13 OF R.C.O.). ALL CONTROL PRACTICES THAT REQUIRE REPAIR SHALL BE REPAIRED WITHIN THREE (3) DAYS OF THE INSPECTION.

ADDITIONAL SWP3 CONSIDERATIONS

NO OPEN BURNING

DUST CONTROL SHALL BE ACHIEVED BY USE OF WATERING TRUCKS. USE OF OIL IS STRICTLY PROHIBITED. INLET PROTECTION MUST BE IMPLEMENTED PRIOR TO DUST CONTROL MEASURES.

IN THE EVENT OF A PETROLEUM SPILL (>25 GALLONS) OR THE PRESENCE OF OIL SHEEN, THE CONTRACTOR SHALL CONTACT THE OHIO E.P.A. AT 800-282-9378, THE LOCAL FIRE DEPARTMENT.

SMALL SPILLS (<25 GALLONS) SHALL BE CLEANED UP USING AN ABSORBING AGENT, THE ABSORBING AGENT REMOVED AND DISPOSED OF ACCORDING TO FEDERAL REGULATIONS.

ALL TRENCH DEWATERING MEASURES SHALL BE DISCHARGED INTO SETTLING BASINS PRIOR TO DISCHARGE FROM SITE. BMPs THAT REQUIRE REPAIR SHALL BE REPAIRED WITHIN 3 DAYS OF INSPECTION. SETTLING PONDS MUST BE REPAIRED WITHIN 10 DAYS OF INSPECTION.

STREETS ADJACENT TO SITE SHALL BE CLEANED AT THE END OF EACH WORK DAY.

POST-CONSTRUCTION BMP RATIONALE

STORM WATER MANAGEMENT AND POST CONSTRUCTION WATER QUALITY BMPs ARE NOT REQUIRED DUE TO THE SCOPE OF THE PROJECT BEING LESS THAN ONE (1) ACRE.

MAINTENANCE FOR PERMANENT SEEDINGS FERTILIZATION AND MOWING					
MIXTURE	FORMULA	LBS./ACRE	LBS./1,000 SQ. FT.	TIME	MOWING
CREeping RED FESCUE RYEGRASS KENTUCKY BLUEGRASS	10-10-10	500	12	FALL, YEARLY AS NEEDED	NOT CLOSER THAN 3"
TALL FESCUE	10-10-10	500	12		NOT CLOSER THAN 4"
TURF-TYPE FESCUE	10-10-10	500	12		THAN 4"
CROWN VETCH FESCUE	0-20-20	400	10	SPRING, YEARLY FOLLOWING ESTABLISHMENT AND EVERY 4-7 YEARS 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.

SPECIFICATIONS FOR PERMANENT SEEDING

SITE PREPARATION

- EROSION CONTROL FLOW OR OTHER IMPLEMENT SHALL BE USED TO REDUCE SOIL COMPACTION AND ALLOW MAXIMUM INFILTRATION. HANDING VEGETATION WILL HELP CONTROL BOTH RUNOFF RATE AND WATER QUALITY. SUBSOILING SHOULD BE DONE WITH THE SOIL MOISTURE IS LOW ENOUGH TO ALLOW THE SOIL TO CRACK OR FRACTURE. SUBSOILING SHALL NOT BE DONE ON PROPOSED EROSION CONTROL PREPARATION. SHOULD BE LIMITED TO WHAT IS NECESSARY FOR ESTABLISHING VEGETATION.
- THE SITE SHALL BE GRADED AS NEEDED TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDED PREPARATION AND SEEDING.
- TOPSOIL SHALL BE APPLIED WHERE NEEDED TO ESTABLISH VEGETATION. SEEDED PREPARATION
 - IMMEDIATELY AFTER GRADING, THE SOIL 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/ACRE.
 - 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 25 LB./1,000 SQ. FT. OR 1000 LB./ACRE OF 16-0-16 (12-12-12 ANALYSES).
 - 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 INCHES OR SLOPING LAND, THE SOIL SHALL BE WORKED ON THE CONTOUR.

EROSION PREVENTION PRACTICES

SEEDING SHOULD BE DORMANT 1) FROM JUNE 1 TO SEPTEMBER 30, IF SEEDING OCCURS OUTSIDE OF THE ABOVE SPECIFIED DATES, ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM 80% GERMINATION. TILLAGE FOR SEEDED PREPARATION SHOULD BE DONE WHEN NECESSARY TO BREAK UP CRUMBLE AND NOT FORM FIBRONS WHEN COMPRESSED BY HAND FOR WINTER SEEDING. SEE THE FOLLOWING SECTION ON DORMANT SEEDING.

DORMANT SEEDING

- SEEDINGS SHOULD NOT BE MADE 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.
- THE FOLLOWING METHODS MAY BE USED FOR DORMANT SEEDING:
 - FROM OCTOBER 1 THROUGH NOVEMBER 20, PREPARE THE SEEDED, AND THE REQUIRED AMOUNTS OF LIME AND FERTILIZER, THEN BROADCAST THE SEEDS AFTER NOVEMBER 20, BROADCAST THE SELECTED SEED MIXTURE AT A 50% INCREASE IN THE SEEDING RATE.
 - FROM NOVEMBER 20 THROUGH MARCH 15, WHEN SOIL CONDITIONS PERMIT, PREPARE THE SEEDED, LIME AND FERTILIZER APPLIED AS REQUIRED. SEEDS SHOULD BE MIXED, 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 HYDROSEEDER (SLURRY MAY INCLUDE SEED AND FERTILIZER) ON A FIRM, MOST SEEDING DATE.

WHERE FEASIBLE, EXCEPT WHEN A CULTIPACKER TYPE SEEDER IS USED, THE SEEDED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A CULTIPACKER, ROLLER OR LIGHT DRAG ON SLOPES AND SEEDING OPERATIONS SHOULD FOLLOW THE CONTOUR WHERE FEASIBLE.

APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER (SLURRY MAY INCLUDE SEED AND FERTILIZER) ON A FIRM, MOST SEEDING DATE.

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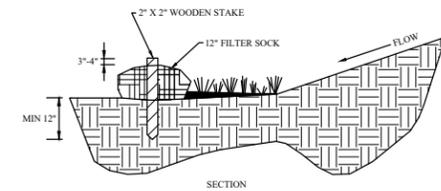
WHERE FEASIBLE, EXCEPT WHEN A CULTIPACKER TYPE SEEDER IS USED, THE SEEDED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A CULTIPACKER, ROLLER OR LIGHT DRAG ON SLOPES AND SEEDING OPERATIONS SHOULD FOLLOW THE CONTOUR WHERE FEASIBLE.

SPECIFICATIONS FOR MULCHING

- MULCH AND 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 21 DAYS OR ON AREAS AND PORTIONS OF THE SITE WHICH CAN BE BROUGHT TO FINAL GRADE.
- MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - 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 - ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS AND ROLLED EROSION CONTROL PRODUCTS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD MULCH CHIPS APPLIED AT 10-20 TONS/AC.
- 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 INCHES.
 - MULCH NETTINGS - USE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. FOLLOWING ALL PLACEMENT AND ANCHORING REQUIREMENTS. USE IN AREAS OF WATER CONCENTRATION AND STEEP SLOPES TO HOLD MULCH IN PLACE.
 - SYNTHETIC BINDERS - FOR STRAW MULCH. SYNTHETIC BINDERS SUCH AS ACRYLIC DER (AGRI-TAC), DCA-70, PETROSET, TERRA TACK, OR EQUAL MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER. ALL APPLICATIONS OF SYNTHETIC BINDERS MUST BE CONDUCTED IN SUCH A MANNER WHERE THERE IS NO CONTACT WITH WATER OF THE STATE.
 - 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 LBS./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.

SPECIFICATIONS FOR SODDING

- MATERIALS**
- SOD SHALL BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 48 HOURS. SOD NOT TRANSPLANTED WITHIN THIS PERIOD SHALL BE INSPECTED AND APPROVED PRIOR TO INSTALLATION.
 - THE SOD SHALL BE KEPT MOIST AN COVERED DURING HAULING AND PREPARATION FOR PLACEMENT.
 - SOD SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 0.75 INCHES, PLUS OR MINUS 0.25 INCHES, AT THE TIME OF CUTTING. MEASUREMENTS FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH.
- SITE PREPARATION**
- 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 SHALL NOT BE CONDUCTED ON SLIP-PRONE AREAS WHERE SOIL PREPARATION SHOULD BE LIMITED ONLY TO WHAT IS NECESSARY FOR ESTABLISHING VEGETATION.
 - THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
 - SOIL AMENDMENTS
 - LIME - AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED TO ACIDIC SOILS 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.
 - 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.
 - 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 INCHES.
 - BEFORE LAYING SOD, THE SURFACE SHALL BE UNIFORMLY GRADED AND CLEARED OF ALL DEBRIS, STONES AND CLODS LARGER THAN 3-IN. DIAMETER.
- SOD INSTALLATION**
- DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURES, THE SOIL SHALL BE LIGHTLY IRRIGATED IMMEDIATELY BEFORE LAYING THE SOD.
 - SOD SHALL NOT BE PLACED ON FROZEN SOIL.
 - THE FIRST ROW OF SOD SHALL BE LAID IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO AND TIGHTLY WEDGED AGAINST EACH OTHER. LATERAL JOINTS SHALL BE STAGGERED IN A BRICK-LIKE PATTERN. ENSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS THAT WOULD DRY THE ROOTS.
 - ON SLOPING AREAS WHERE EROSION MAY BE A PROBLEM, SOD SHALL BE LAID WITH THE LONG EDGE PARALLEL TO THE CONTOUR AND STAGGERED JOINTS. THE SOD SHALL BE SECURED WITH PEGS OR STAPLES.
 - AS SODDING IS COMPLETED IN ANY ONE SECTION, THE ENTIRE AREA SHALL BE ROLLED OR TAMPED TO ENSURE SOLID CONTACT OF ROOTS WITH THE SOIL SURFACE. SOD SHALL BE WATERED IMMEDIATELY AFTER ROLLING OR TAMPING UNTIL THE SOD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD SHALL BE COMPLETED WITHIN 8 HOURS.
- MAINTENANCE**
- IN THE ABSENCE OF ADEQUATE RAINFALL, WATERING SHALL BE PERFORMED DAILY OR AS OFTEN AS NECESSARY DURING THE FIRST WEEK WITH SUFFICIENT QUANTITIES TO MAINTAIN MOIST SOIL TO A DEPTH OF 4-6 INCHES.
 - AFTER THE FIRST WEEK, SOD SHALL BE WATERED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE AND ENSURE ESTABLISHMENT.
 - THE FIRST MOWING SHALL NOT BE ATTEMPTED UNTIL SOD IS FIRMLY ROOTED.



- 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-DOCUMENTED SOURCE OF ORGANIC MATTER AND CONSIST OF PARTICLES RANGING FROM 1/8" TO 2".
- FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 1/2 KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST PASSING THE ABOVE SPECIFICATIONS FOR COMPOST PRODUCTS.
 - INSTALLATION:
 - 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.
 - FILTER SOCKS INTENDED TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE SHALL BE SEED AT THE TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
 - FILTER SOCKS ARE NOT TO BE USED IN CONCENTRATE FLOW SITUATIONS OR IN RUNOFF CHANNELS.
- MAINTENANCE:**
- ROUTINELY INSPECT FILTER SOCKS AFTER EACH SIGNIFICANT RAIN. MAINTAINING FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
 - REMOVE SEDIMENTS COLLECTED AT THE BASE OF THE FILTER SOCKS IN A FUNCTIONAL CONDITION AT ALL TIMES.
 - WHERE THE FILTER SOCK DETERIORATES OR FAILS, IT WILL BE REPAIRED OR REPLACED WITH A MORE EFFECTIVE ALTERNATIVE.
 - REMOVAL-FILTER SOCKS WILL BE DISPERSED ON SITE WHEN NO LONGER REQUIRED IN SUCH A WAY AS TO FACILITATE AN NO OBSTRUCT SEEDINGS.

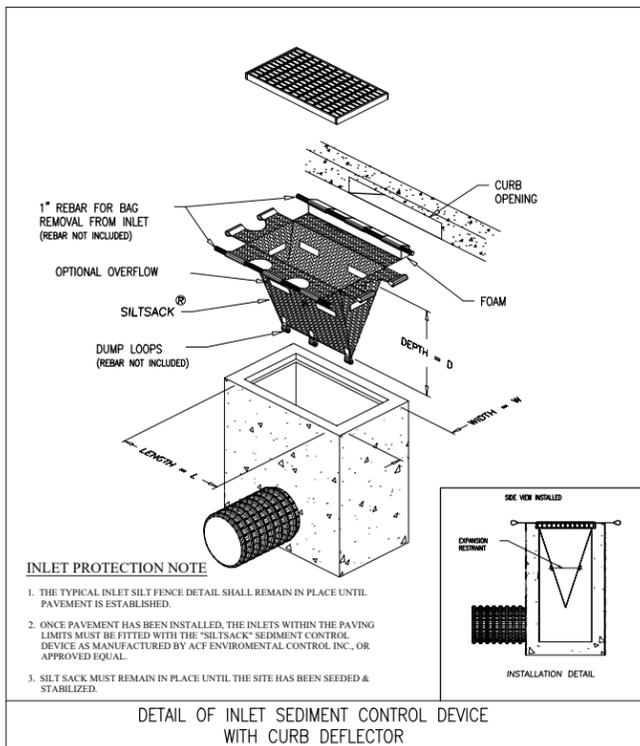
SPECIFICATIONS FOR DUST CONTROL

ADHESIVES FOR DUST CONTROL

ADHESIVE	WATER DILUTION (ADHESIVE WATER)	NOZZLE TYPE	APPLICATION RATE GAL./AC.
LATEX EMULSION	12.5:1	FINE	235
TESIN IN WATER ACRYLIC EMULSION (NO-TRAFFIC)	4:1	FINE	300
ACRYLIC EMULSION (NO-TRAFFIC)	7:1	COARSE	450
ACRYLIC EMULSION (TRAFFIC)	3.5:1	COARSE	350

- VEGETATIVE COVER AND/MULCH- APPLY TEMPORARY OR PERMANENT SEEDING AND MULCH TO AREAS THAT WILL REMAIN IDLE FOR OVER 21 DAYS. SAVING EXISTING TREES AND LARGE SHRUBS WILL ALSO REDUCE SOIL AND AIR MOVEMENT ACROSS DISTURBED AREAS. SEE TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING PRACTICES; AND TREE AND NATURAL AREA PROTECTION PRACTICES.
- WATERING- SPRAY SITE WITH WATER UNTIL THE SURFACE IS WET BEFORE AND DURING GRADING AND REPEAT AS NEEDED, ESPECIALLY ON HAUL ROADS AND OTHER HEAVY TRAFFIC ROUTES. WATERING SHALL BE DONE AT A RATE THAT PREVENTS DUST BUT DOES NOT CAUSE SOIL EROSION. WETTING AGENTS SHALL BE UTILIZED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- SPRAY-ON ADHESIVES-APPLY ADHESIVE ACCORDING TO THE FOLLOWING TABLE OR MANUFACTURERS' INSTRUCTIONS.
- STONE - GRADED ROADWAYS AND OTHER SUITABLE AREAS WILL BE STABILIZED USING CRUSHED STONE OR COARSE GRAVEL AS SOON AS PRACTICABLE AFTER REACHING AN INTERIM OR FINAL GRADE. CRUSHED STONE OR COARSE GRAVEL CAN BE USED AS A PERMANENT COVER TO PROVIDE CONTROL OF SOIL EMISSIONS.
- BARRIERS- EXISTING WINDBREAK VEGETATION SHALL BE MARKED AND PRESERVED. SNOW FENCING OR OTHER SUITABLE BARRIER MAY BE PLACED PERPENDICULAR TO PREVAILING AIR CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT TO CONTROL AIR CURRENTS AND BLOWING SOIL.
- CALCIUM CHLORIDE - THIS CHEMICAL MAY BE APPLIED BY MECHANICAL SPREADER AS LOOSE, DRY GRANULES OR FLAKES AT A RATE THAT KEEPS THE SURFACE MOIST BUT NOT SO HIGH AS TO CAUSE WATER POLLUTION OR PLANT DAMAGE. APPLICATION RATES SHOULD BE STRICTLY IN ACCORDANCE WITH SUPPLIERS SPECIFIED RATES.
- OPERATION AND MAINTENANCE - WHEN TEMPORARY DUST CONTROL MEASURES ARE USED, REPETITIVE TREATMENT SHOULD BE APPLIED AS NEEDED TO ACCOMPLISH CONTROLS.

STREET CLEANING- PAVED AREAS THAT HAVE ACCUMULATED SEDIMENT FROM CONSTRUCTION SHOULD BE CLEANED DAILY, OR AS NEEDED, UTILIZING A STREET SWEEPER OR BUCKET-TYPE ENDLOADER OR SCRAPER.



INLET PROTECTION NOTE

- THE TYPICAL INLET SILT FENCE DETAIL SHALL REMAIN IN PLACE UNTIL PAVEMENT IS ESTABLISHED.
- ONCE PAVEMENT HAS BEEN INSTALLED, THE INLETS WITHIN THE PAVING LIMITS MUST BE FITTED WITH THE "SILTSACK" SEDIMENT CONTROL DEVICE AS MANUFACTURED BY ACF ENVIRONMENTAL CONTROL INC. OR APPROVED EQUAL.
- SILT SACK MUST REMAIN IN PLACE UNTIL THE SITE HAS BEEN SEEDED & STABILIZED.

DETAIL OF INLET SEDIMENT CONTROL DEVICE WITH CURB DEFLECTOR

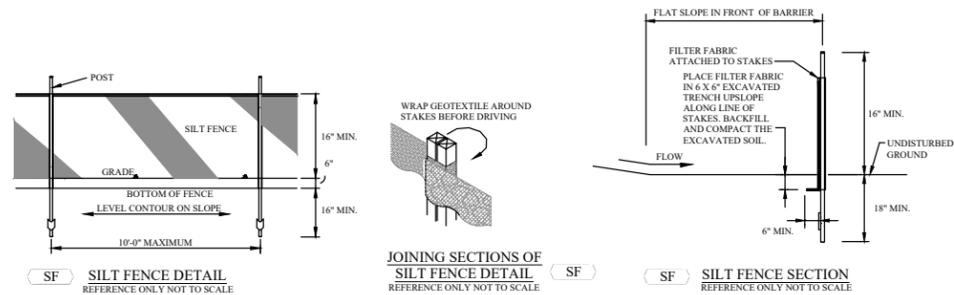
SILTSACK DETAIL

- SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
 - 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.
 - 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.
 - WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
 - 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.
 - THE HEIGHT OF THE SILT FENCE SHALL BE A MIN. OF 16 IN. ABOVE THE ORIGINAL GROUND SURFACE.
 - THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MIN. 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.
 - THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWN SLOPE 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 ON BOTH SIDES OF THE FABRIC.
 - SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-IN. OVERLAP PRIOR TO DRIVING INTO THE GROUND.
 - MAINTENANCE- SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOW 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.
- SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE SILT FENCE.
- SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SILT FENCE SHALL BE REPAIRED IMMEDIATELY.
- CRITERIA FOR SILT FENCE MATERIALS**
- FENCE POSTS- THE LENGTH SHALL BE A MINIMUM OF 24 IN. LONG. WOOD POSTS WILL BE 2-BY-2 IN. HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT.
 - SILT FENCE FABRIC (SEE CHART BELOW):

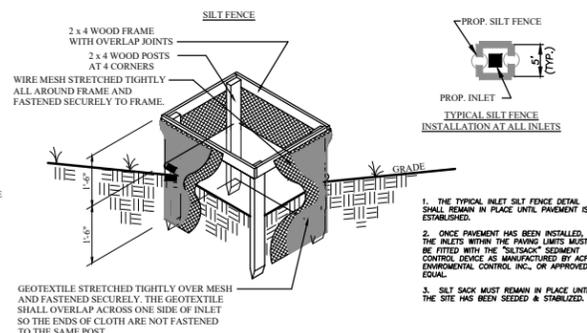
FABRIC PROPERTIES	VALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	120 LBS. (535 N)	ASTM D 4362
MINIMUM ELONGATION AT 40 LBS	50%	ASTM D 4632
MINIMUM PUNCTURE STRENGTH	50 LBS (220 N)	ASTM D 4833
MINIMUM TEAR STRENGTH	40 LBS (180 N)	ASTM D 4533
APPARENT OPENING SIZE	<84 MM	ASTM D 4751
MINIMUM PERMITTIVITY	1X10 ⁻² SEC ⁻¹	ASTM D 4981
UV EXPOSURE STRENGTH RETENTION	70%	ASTM D 4355

SPECIFICATIONS FOR SILT FENCE

COMPOST FILTER SOCK DETAIL
REFERENCE ONLY NOT TO SCALE



JOINING SECTIONS OF SILT FENCE DETAIL
REFERENCE ONLY NOT TO SCALE



- INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE STORM INLET BECOMES FUNCTIONAL.
- THE EARTH AROUND THE INLET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 INCHES.
- 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 INCHES BELOW ADJACENT ROADS IF PONDED WATER WOULD POSE A SAFETY HAZARD TO TRAFFIC.
- 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.
- GEOTEXTILE MATERIAL 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 TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. THE GEOTEXTILE SHALL OVERLAP ACROSS ON SIDE OF THE INLET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.
- 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.
- 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 DIKE SHALL BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.

MAINTENANCE

EFFECTIVE STORM DRAIN INLET PROTECTION COLLECTS SEDIMENT AND THEREFORE MUST BE CLEANED REGULARLY TO PREVENT CLOGGING AND SUBSEQUENT FLOODING CONDITIONS. PIPING, OR OVERTOPPING OF THE CONTROL STRUCTURES, SEDIMENT BARRIERS THAT SAG, FALL OVER, OR ARE NOT PROPERLY SECURED, MUST BE PROMPTLY REPAIRED OR REPLACED.

INLET PROTECTION SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL EVENT. AREAS WHERE THERE IS ACTIVE TRAFFIC SHALL BE INSPECTED DAILY. REPAIRS SHALL BE MADE AS NEEDED TO ASSURE THE PRACTICE IS PERFORMING AS INTENDED. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATION IS ONE-HALF THE HEIGHT OF THE TRAP. SEDIMENT SHALL NOT BE WASHED INTO THE INLET. SEDIMENT SHALL BE REMOVED AND PLACED IN A LOCATION WHERE IT IS STABLE AND NOT SUBJECT TO EROSION.

ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, ALL FILTER MATERIAL AND COLLECTED SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED.

SPECIFICATIONS FOR GEOTEXTILE INLET PROTECTION
REFERENCE ONLY NOT TO SCALE



2555 Hartville Rd., Suite B
Kootstown, OH 44772
www.WeberEngineeringServices.com
330-329-2037
matt@webercivil.com



Reg. No.: 61709

CLIENT:



25001 EMERY ROAD
#400
CLEVELAND, OH 44128
216-223-3200

OWNER:

20914 CENTER RIDGE LLC

1311 ORCHARD PARK DRIVE
ROCKY RIVER, OHIO
44116

Issue Date
10-29-2025
11-03-2025
11-04-2025
11-24-2025
12-08-2025
01-08-2026
02-04-2026

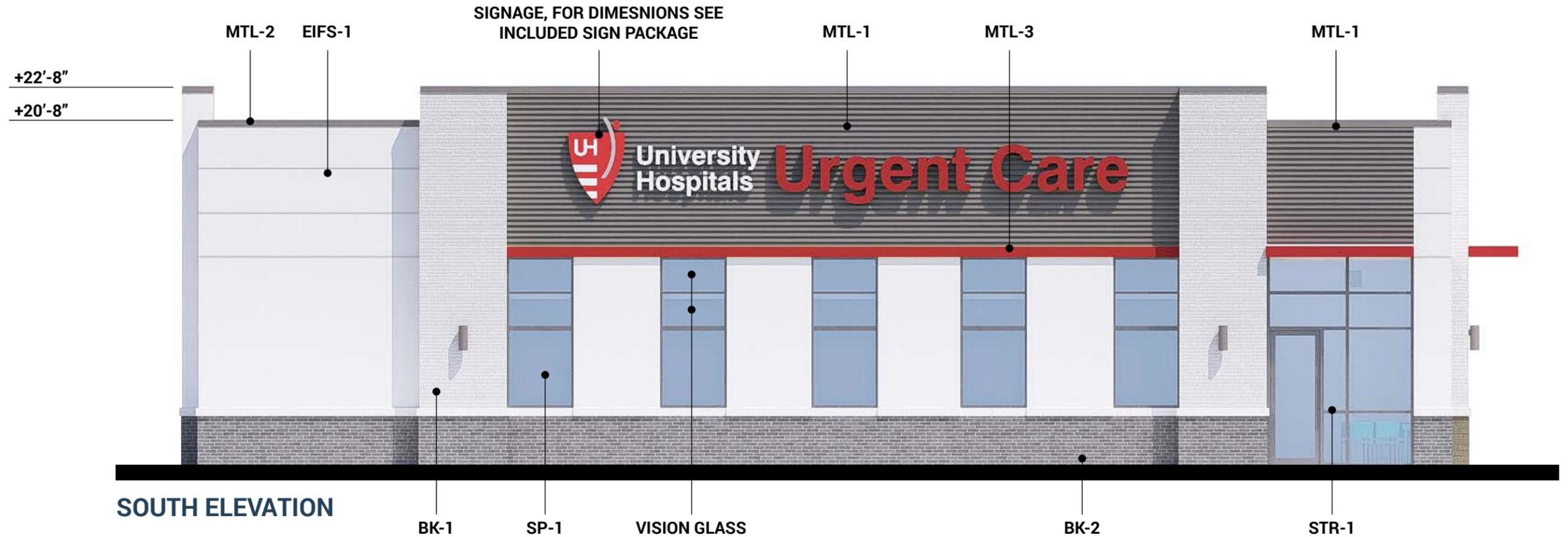
URGENT CARE
SITE IMPROVEMENTS
20914 CENTER RIDGE RD., ROCKY RIVER, OH

ABBREVIATED
SWP3
DETAILS

C110
Project No. 2025-323





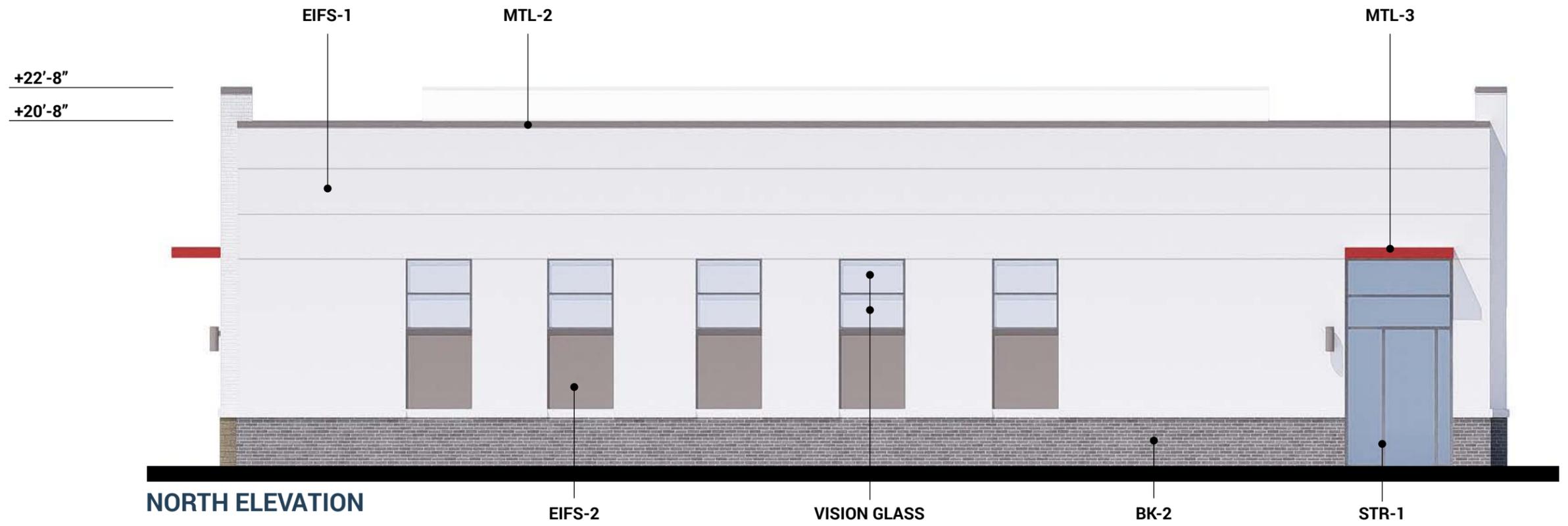


SOUTH ELEVATION

Material	Designation	Manufacturer	Color
EIFS	EIFS-1	TBD	SEE PT-1
	EIFS-2	TBD	SEE PT-2
Brick 1	BK-1	Glen Gery	White
Brick 2	BK-2	Glen Gery	Urban Gray Klaycoat
Glass Spandrel	SP-1		
Metal Panel			
Corrugated	MTL-1	Atas	See PT-2
Coping	MTL-2	TBD	See PT-2
Canopy/Accent	MTL-3	TBD	See PT-3
Paint			
Building Field	PT-1	Sherwin Williams	SW7004 "Snowbound"
Accent Color	PT-2	Sherwin Williams	SW7019 "Gauntlet Gray"
Accent Color	PT-3	Sherwin Williams	SW6871 "Positive Red"
Storefront	STR-1	TBD	Anodized Aluminum

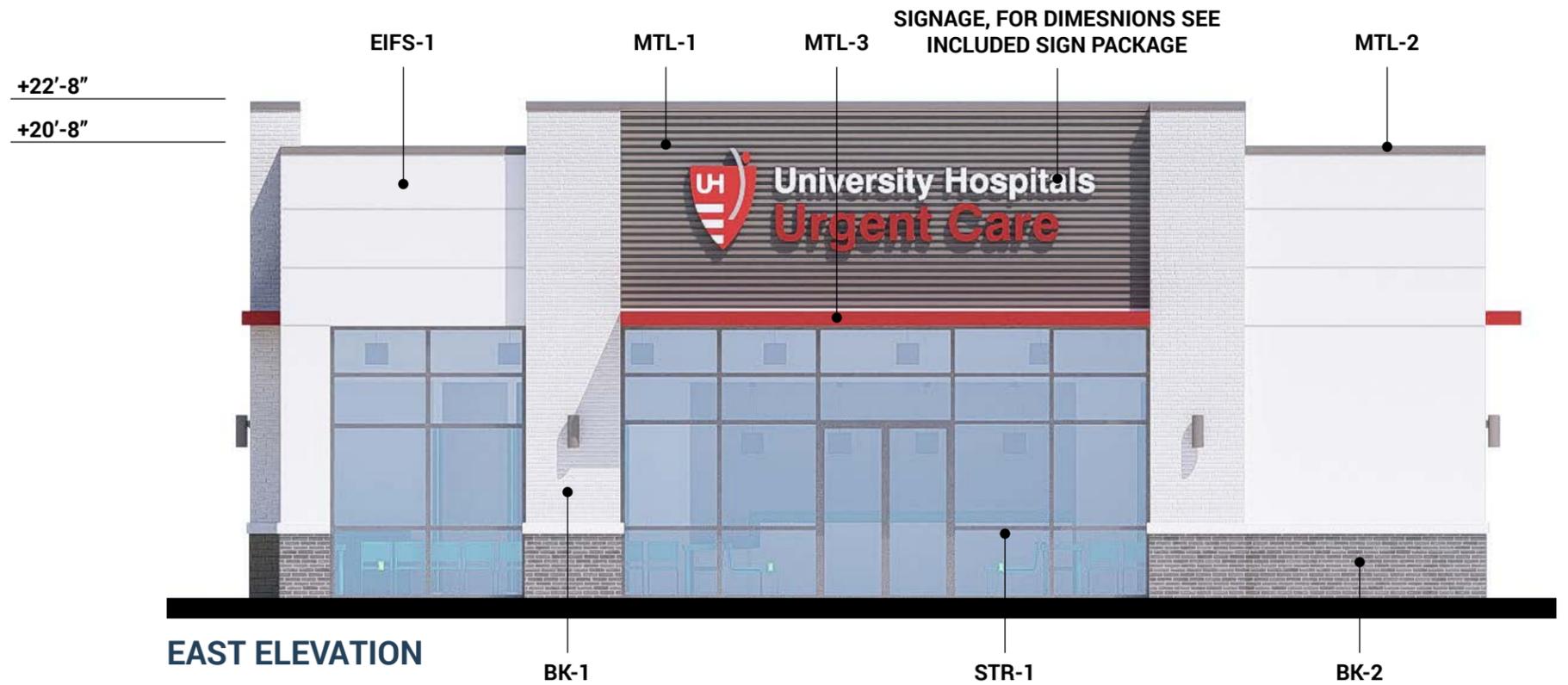


WEST ELEVATION

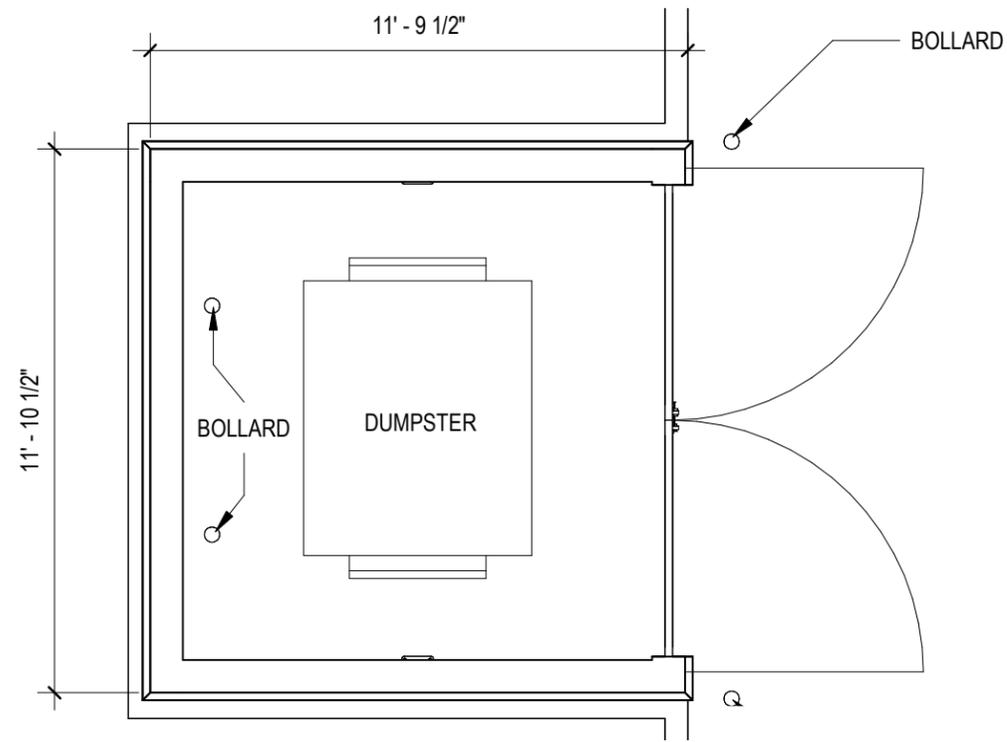


NORTH ELEVATION

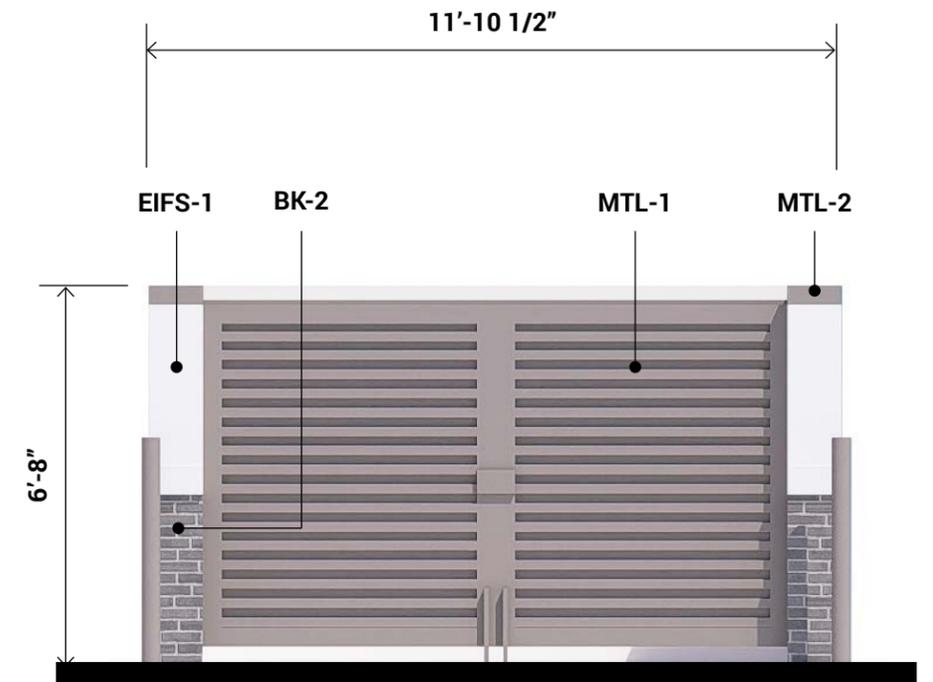
Material	Designation	Manufacturer	Color
EIFS	EIFS-1	TBD	SEE PT-1
	EIFS-2	TBD	SEE PT-2
Brick 1	BK-1	Glen Gery	White
Brick 2	BK-2	Glen Gery	Urban Gray Klaycoat
Glass Spandrel	SP-1		
Metal Panel			
Corrugated	MTL-1	Atas	See PT-2
Coping	MTL-2	TBD	See PT-2
Canopy/Accent	MTL-3	TBD	See PT-3
Paint			
Building Field	PT-1	Sherwin Williams	SW7004 "Snowbound"
Accent Color	PT-2	Sherwin Williams	SW7019 "Gauntlet Gray"
Accent Color	PT-3	Sherwin Williams	SW6871 "Positive Red"
Storefront	STR-1	TBD	Anodized Aluminum



EAST ELEVATION

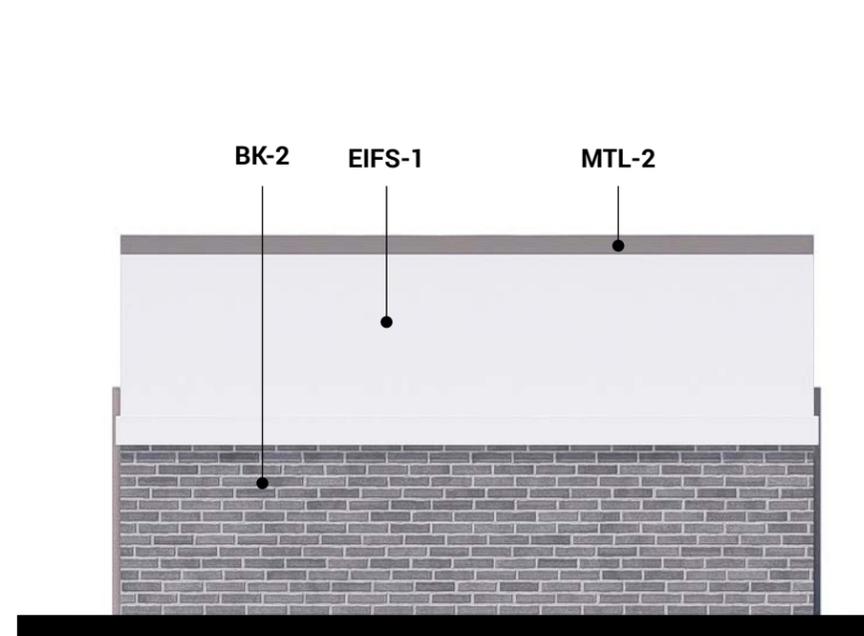


DUMPSTER PLAN

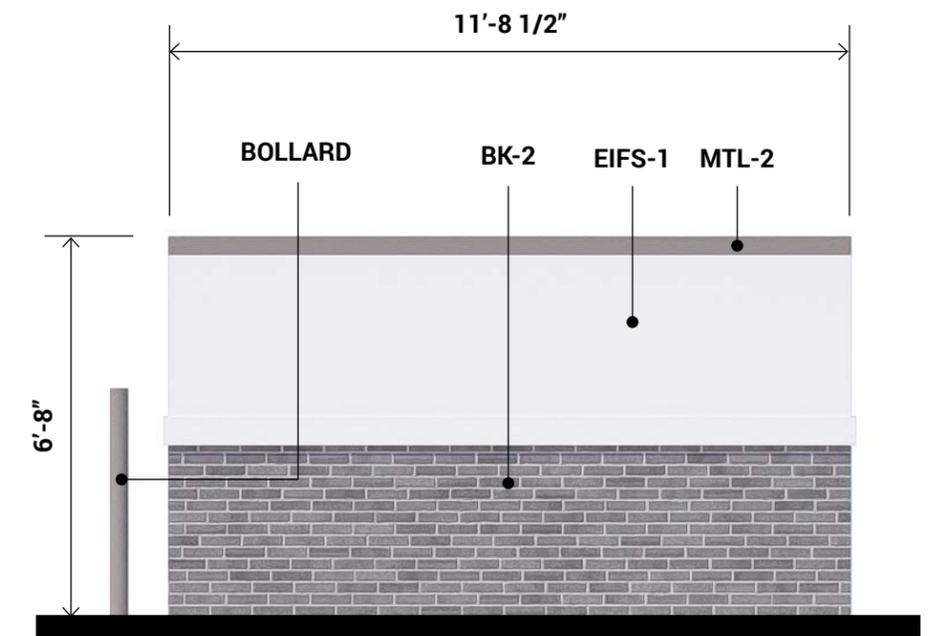


FRONT ELEVATION

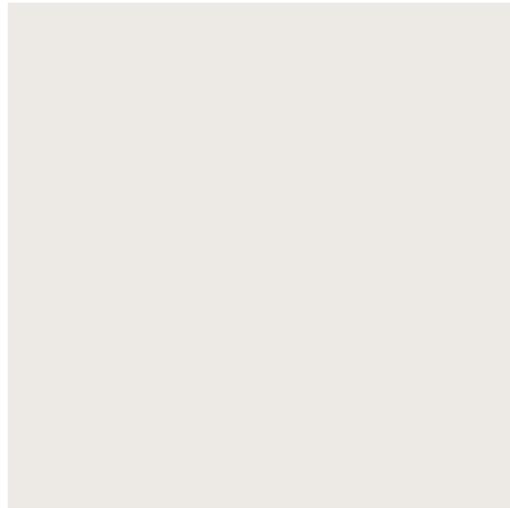
Material	Designation	Manufacturer	Color
EIFS	EIFS-1	TBD	SEE PT-1
	EIFS-2	TBD	SEE PT-2
Brick 1	BK-1	Glen Gery	White
Brick 2	BK-2	Glen Gery	Urban Gray Klaycoat
Glass Spandrel	SP-1		
Metal Panel			
Corrugated	MTL-1	Atas	See PT-2
Coping	MTL-2	TBD	See PT-2
Canopy/Accent	MTL-3	TBD	See PT-3
Paint			
Building Field	PT-1	Sherwin Williams	SW7004 "Snowbound"
Accent Color	PT-2	Sherwin Williams	SW7019 "Gauntlet Gray"
Accent Color	PT-3	Sherwin Williams	SW6871 "Positive Red"
Storefront	STR-1	TBD	Anodized Aluminum



REAR ELEVATION



SIDE ELEVATION, TYP.



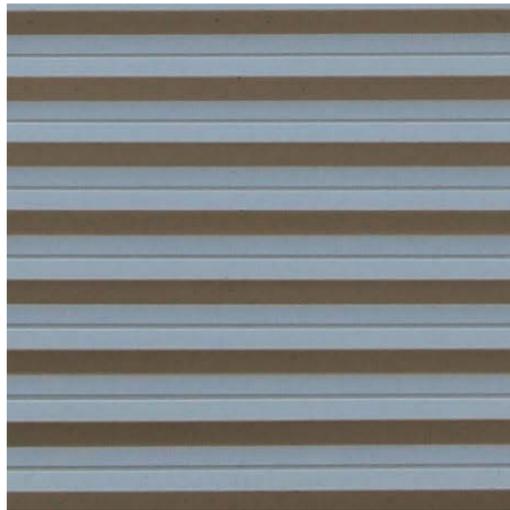
Sherwin Williams
SW7004 "Snowbound"



Sherwin Williams
SW7019 "Gauntlet Gray"



Sherwin Williams
SW6871 "Positive Red"



Corrugated Metal



Brick- White



Brick- Gray





