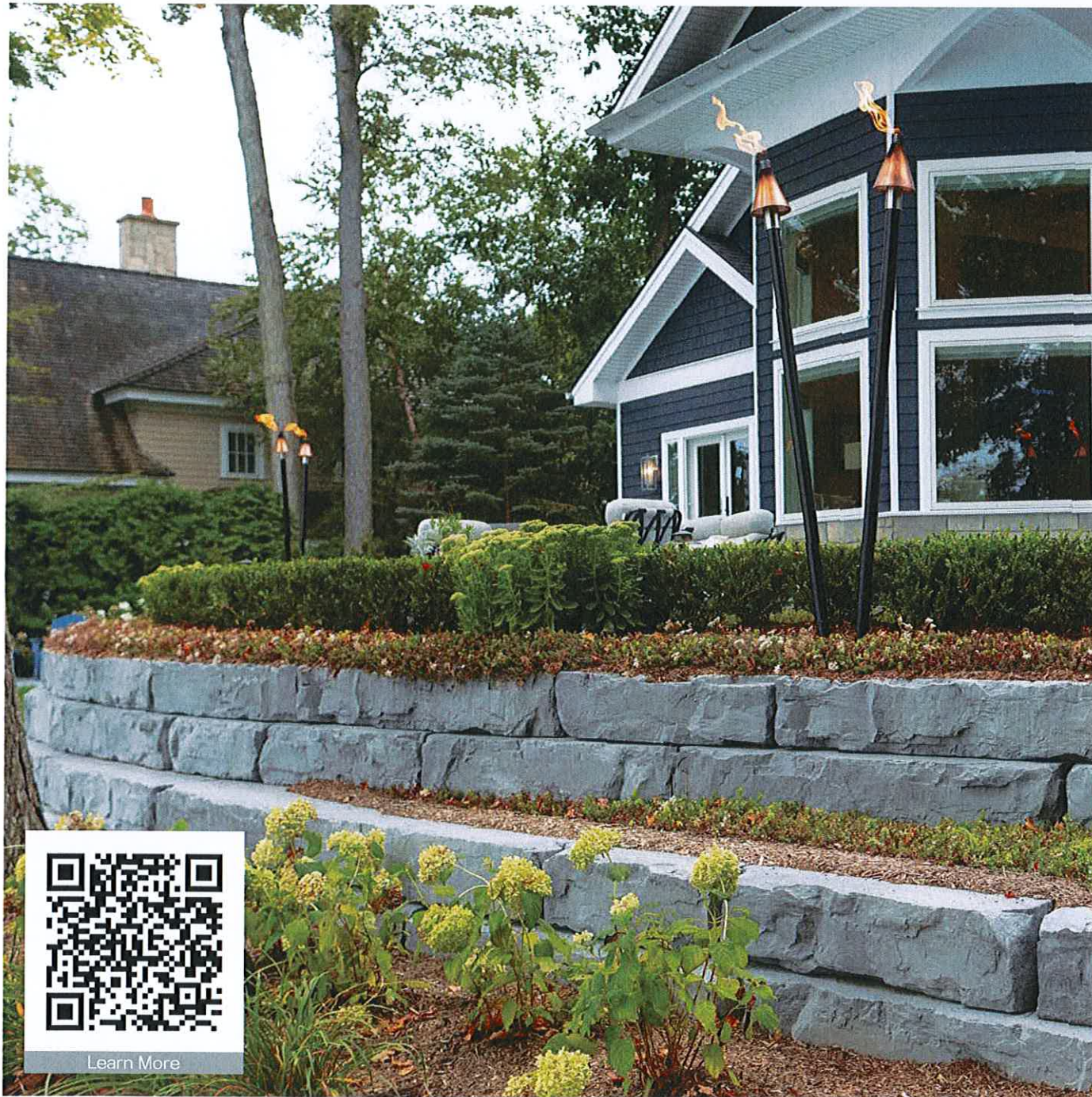




## GRAND LEDGE™ WALL



[Learn More](#)

**HIGHFORMAT.COM**  
**(877) 777-6558**



# GRAND LEDGE™ WALL



## FEATURES

- The look of natural ledgerstone: bold in scale, with consistent dimensions for faster installation
- 24 unique wall textures
- Quality material equals long term durability
- Four additional 5-sided blocks can be used as 90-degree returns
- Engineerable wall system with capabilities of 5' to 6' gravity walls with optimal site conditions

## MATERIAL

### WETCAST

### COLOR OPTIONS

FOND DU LAC



SLATE GRAY



LIMESTONE



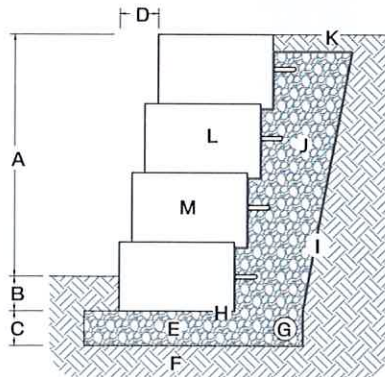
TERRAIN



Refer to our website for the most recent color offerings.

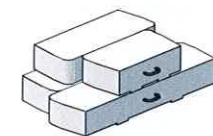
## TYPICAL GRAVITY RETAINING WALL DETAIL

- This drawing is for preliminary reference only (not for final construction).
- Final designs for construction must be prepared by a registered professional engineer using the actual conditions of the proposed site and loads.



- A. Exposed height (varies)
- B. Bury depth (varies by design, min. 6")
- C. Leveling pad depth (varies by design, min. 6")
- D. Horizontal setback, 2-1/4" setback per 12" vertical (10.6° batter angle on wall)
- E. Crushed stone leveling pad
- F. Foundation soil compacted to 95% max. dry density
- G. 4" corrugated perforated drain pipe
- H. Shear heel removed from base block (optional)
- I. Non-woven geotextile fabric
- J. Drainstone (ASTM #57), min. 12" behind wall
- K. Finish grade to drain away from the wall
- L. Wall blocks
- M. Place 12" by 18" strip of geotextile fabric in V-shaped joint between blocks

## WALL PALLET



Weight: 4,000± lbs (inc. pallet)  
Coverage: 18 face feet  
Pieces Per Pallet: 4



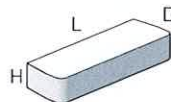
### UNIT: 3'

Dimensions: 36"L x 20"D x 12"H  
Weight: 650± lbs  
Units Per Pallet: 1



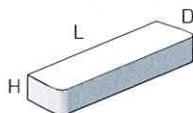
### UNIT: 4'

Dimensions: 48"L x 20"D x 12"H  
Weight: 865± lbs  
Units Per Pallet: 1



### UNIT: 5'

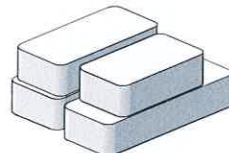
Dimensions: 60"L x 20"D x 12"H  
Weight: 1,085± lbs  
Units Per Pallet: 1



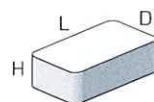
### UNIT: 6'

Dimensions: 72"L x 20"D x 12"H  
Weight: 1,300± lbs  
Units Per Pallet: 1

## CORNER PALLET

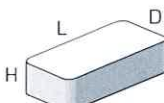


Weight: 3,350± lbs (inc. pallet)  
Coverage: 21.6 face feet  
14.9 linear feet (freestanding)  
Pieces Per Pallet: 4 (one of each unit)



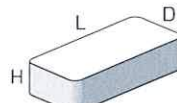
### CORNER UNIT: 1

Dimensions: 36"L x 20"D x 12"H  
Weight: 623± lbs  
Units Per Pallet: 1



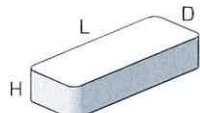
### CORNER UNIT: 2

Dimensions: 42.75"L x 19.75"D x 12"H  
Weight: 760± lbs  
Units Per Pallet: 1



### CORNER UNIT: 3

Dimensions: 46"L x 21"D x 12"H  
Weight: 880± lbs  
Units Per Pallet: 1



### CORNER UNIT: 4

Dimensions: 54"L x 20"D x 12"H  
Weight: 963± lbs  
Units Per Pallet: 1

Refer to our website for preliminary height guides and the most recent color offerings.  
Dimensions are nominal.  
Specifications are subject to change.

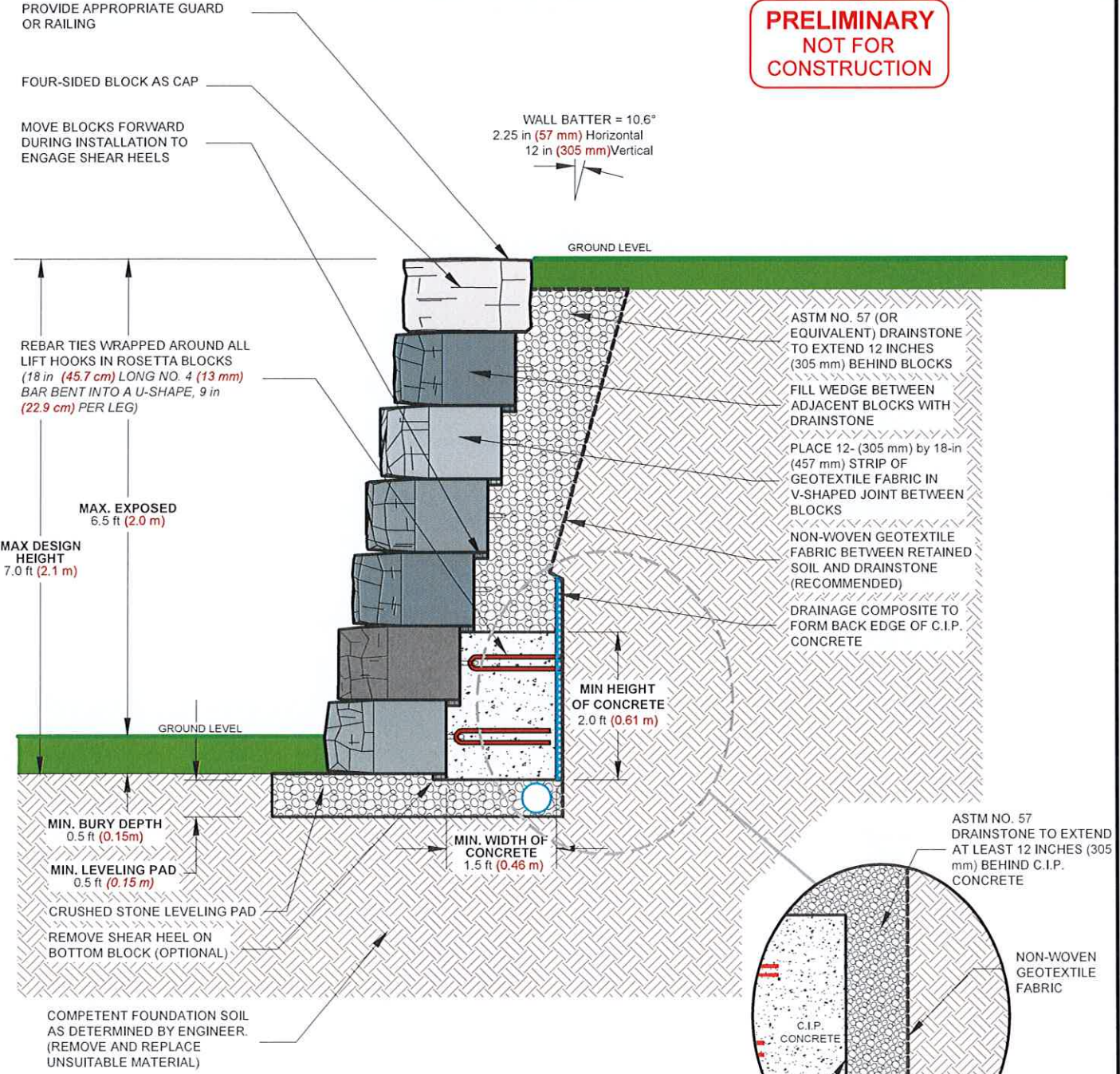
**There is a minimum 30-ft radius for convex curves created with Grand Ledge.**

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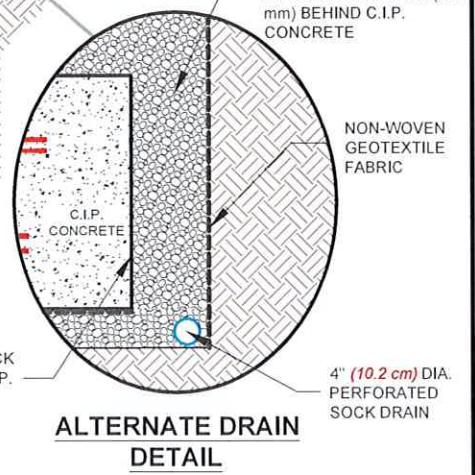


SILTY SAND, CLAYEY SAND |  $\phi = 28^\circ$   
NO LIVE LOAD SURCHARGE, NO BACK SLOPE, NO TOE SLOPE

PRELIMINARY  
NOT FOR  
CONSTRUCTION



TYPICAL SECTION  
(NO SCALE)



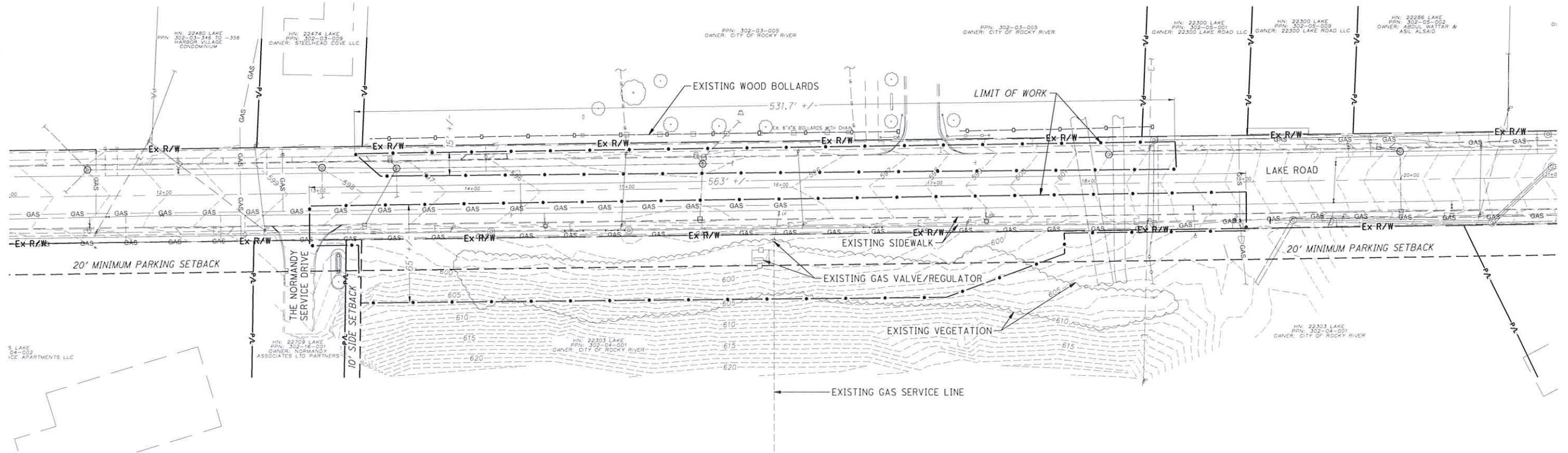
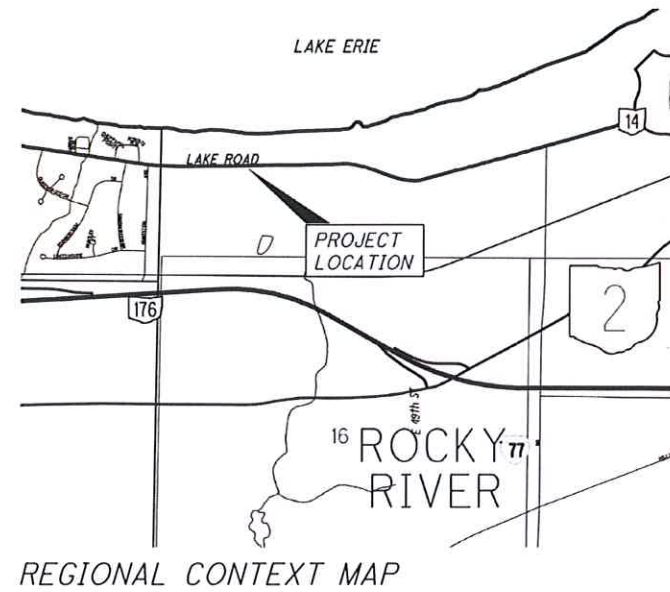
ALTERNATE DRAIN  
DETAIL

- Block sizes and placement shown are for reference only. Individual Rosetta blocks will vary with installation pattern.
- This drawing is for reference only based on assumed and idealized soil and loading conditions.
- Final designs for construction must be prepared by a registered Professional Engineer using the actual conditions of the proposed site.
- Final wall design must address both internal and external drainage, global stability, and bearing capacity and shall be evaluated by the Professional Engineer who is responsible for the wall design.

DRAWN BY: V. BUSHARD	TITLE: GRAND LEDGE 7-FT (2.1 m) CAST-IN-PLACE CONCRETE BACKFILL PRELIMINARY WALL SECTION	<b>ROSETTA</b> HARDSCAPES, LLC 2940 PARKVIEW DRIVE, PETOSKEY, MI 49770 844-367-9763 • <a href="http://www.rosettahardscapes.com">www.rosettahardscapes.com</a>
APPROVED BY: N. LINDWALL		
DATE: July 6, 2021		
SHEET NO.: 1 of 1	DRAWING FILE: Grand Ledge_NR_CB_28deg_A_07.dwg	



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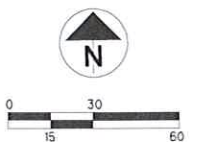


EXISTING CONDITIONS

PARCEL: 302-04-001  
ZONING: PUBLIC FACILITY

LEGEND:

- P/L — PROPERTY LINE
- Ex R/W — RIGHT OF WAY
- • — LIMITS OF CONSTRUCTION



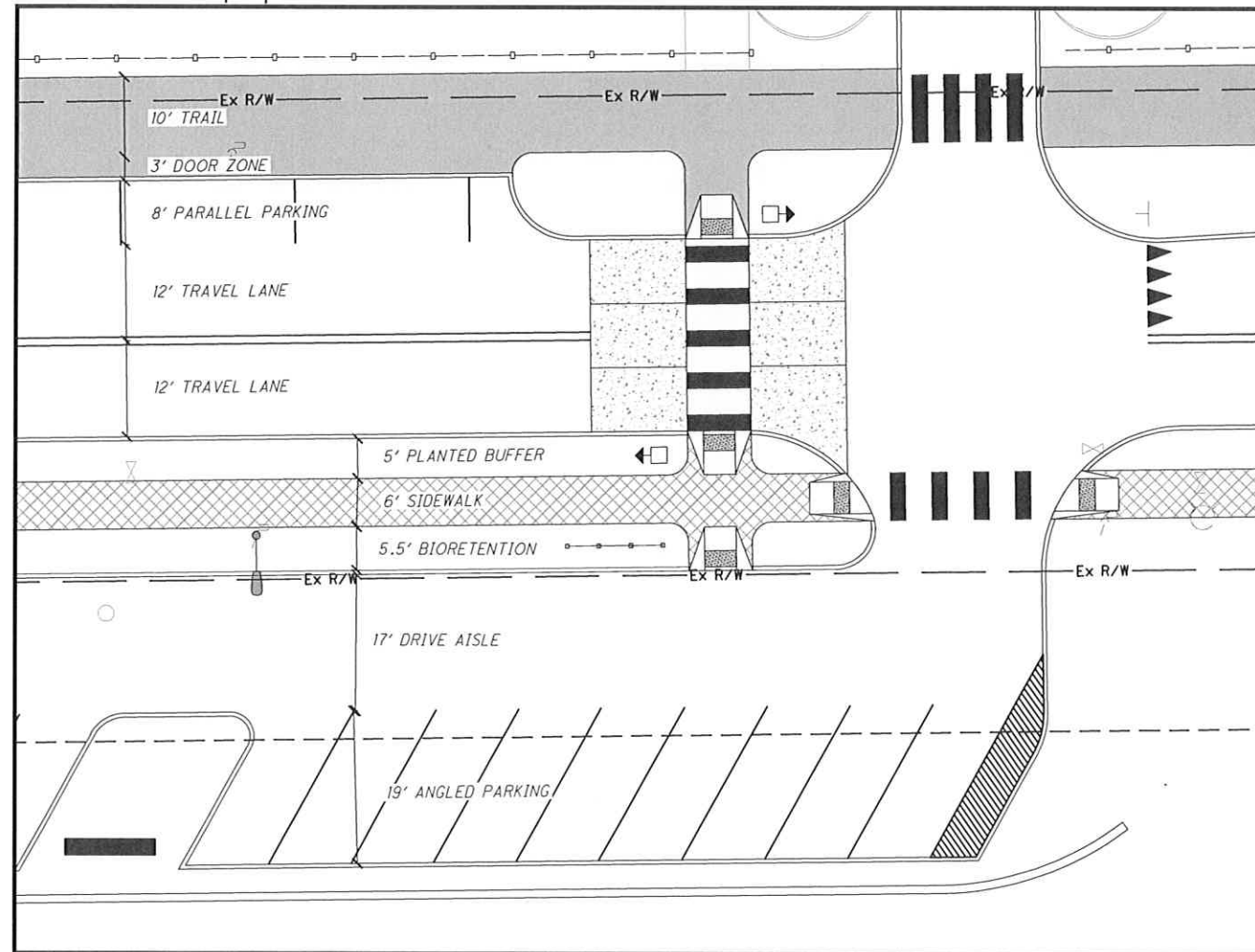
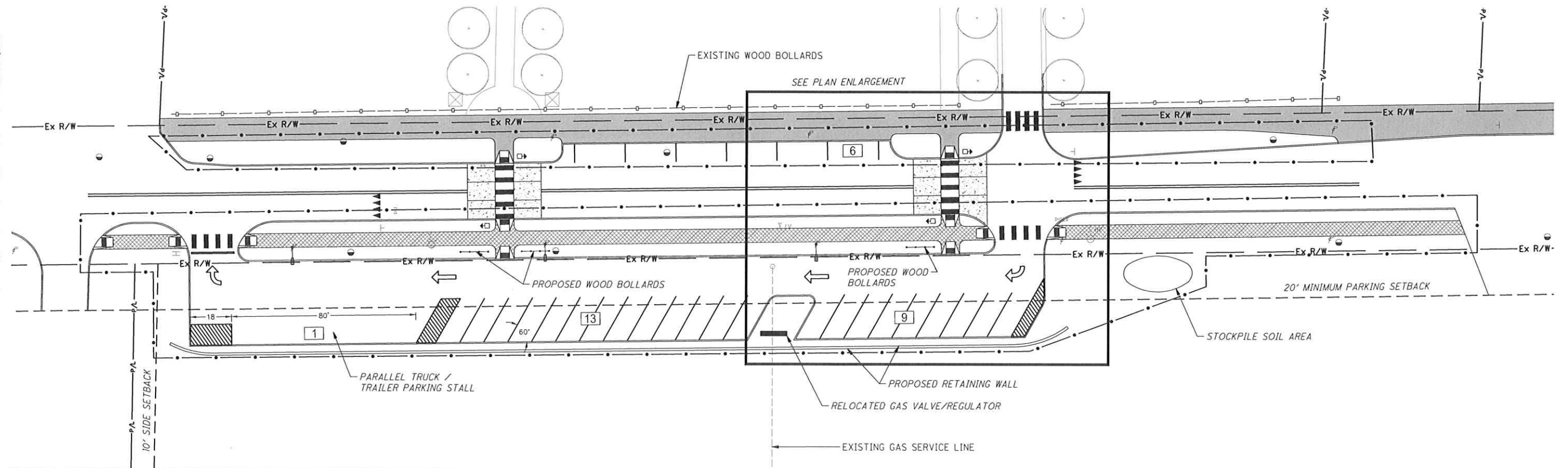
BRADSTREET'S LANDING PARK  
EXISTING CONDITIONS  
in  
ROCKY RIVER



7017 Pearl Road, Suite #2A  
Middleburg Heights, Ohio 44130  
(440) 886-4500

DATE: 04.03.2025  
SCALE: HOR: 1"=30'  
SCALE: VER: ----  
JOB No. 94E00  
SHEET 1 OF 4

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PLAN ENLARGEMENT  
1" = 10'



LEGEND:

- P/L — PROPERTY LINE
- Ex R/W — RIGHT OF WAY
- • — LIMITS OF CONSTRUCTION
- ||||| HIGH VISIBILITY CROSSWALK - REFER TO SIGNAGE PLAN
- ◻ RECTANGULAR RAPID FLASHING BEACON (TYP.) - REFER TO SIGNAGE PLAN
- PROPOSED AREA LIGHT



BRADSTREET'S LANDING PARK  
SITE PLAN  
in  
ROCKY RIVER



7017 Pearl Road, Suite #2A  
Middleburg Heights, Ohio 44130  
(440) 886-4500

DATE: 04.03.2025  
SCALE: HOR. 1"=20'  
SCALE: VER. ----  
JOB No. 94E00  
SHEET 2 OF 4



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EXAMPLE PLANT IMAGES:

DECIDUOUS TREE



CERCIS CANADENSIS 'SUMMER'S TOWER'  
SUMMER'S TOWER REDBUD

SHRUBS



MYRICA PENNSYLVANICA  
NORTHERN BAYBERRY



ITEA VIRGINICA  
VIRGINIA SWEETPIRE

ORNAMENTAL GRASSES



SCHIZACHYRIUM SCOPARIUM  
LITTLE BLUESTEM



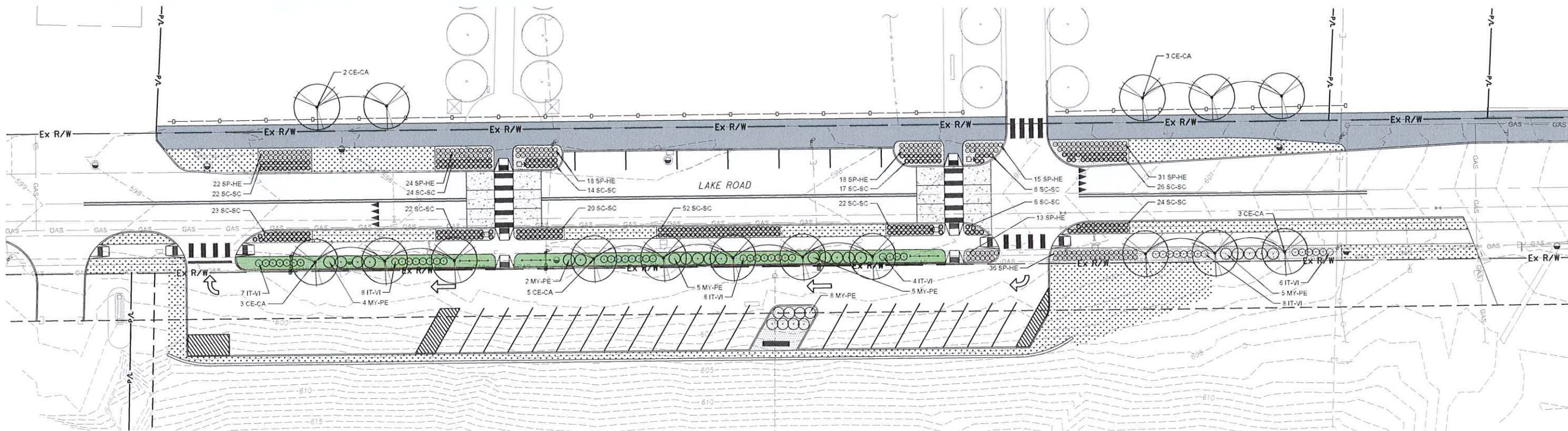
SPOROBOLUS HETEROLEPIS 'TARA'  
TARA PRAIRIE DROPSEED

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
ORNAMENTAL TREES							
	CE-CA	16	CERCIS CANADENSIS 'SUMMER'S TOWER'	SUMMER'S TOWER REDBUD	2" CAL.	B&B	SINGLE STEM
SHRUBS							
	IT-VI	49	ITEA VIRGINICA 'HENRY'S GARNET'	HENRY'S GARNET SWEETPIRE	3 GAL.	CONT.	
	MY-PE	29	MYRICA PENNSYLVANICA 'BOBZAM'	BOBEE™ NORTHERN BAYBERRY	3 GAL.	CONT.	
ORNAMENTAL GRASSES & PERENNIALS							
	SC-SC	278	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	1 GAL.	CONT.	
	SP-HE	177	SPOROBOLUS HETEROLEPIS 'TARA'	TARA PRAIRIE DROPSEED	3 GAL.	CONT.	

PLANTING LEGEND:

- ITEM 653 - TOPSOIL FURNISHED AND PLACED, A.P.P. & ITEM 659 - SEEDING AND MULCHING, A.P.P.
- BIORETENTION SOIL
- LAWN



PLANTING NOTES:

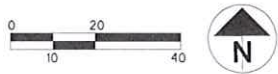
1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL PLANTS, AS SHOWN ON THE PLANTING PLAN. QUANTITIES PROVIDED ON THE PLANT LIST ARE FOR ESTIMATION PURPOSES ONLY.
2. PLANTINGS TO BE INSTALLED DURING FALL PLANTING SEASON: SEPTEMBER 1ST THROUGH OCTOBER 15TH.

LAWN MAINTENANCE REQUIREMENTS:

3. MAINTAIN AND ESTABLISH TURF BY WATERING, WEEDING, MOWING, TRIMMING, REPLANTING, AND PERFORMING OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE TURF. ROLL, REGRADE, AND REPLANT BARE OR ERODED AREAS AND REMULCH TO PRODUCE A UNIFORMLY SMOOTH TURF.
4. WATER TURF WITH A FINE SPRAY AT A MINIMUM RATE OF 1 INCH PER WEEK, UNLESS RAINFALL PRECIPITATION IS ADEQUATE.
5. MOW TURF AS SOON AS TOP GROWTH IS TALL ENOUGH TO CUT. REPEAT MOWING TO MAINTAIN 2-3 INCH HEIGHT WITHOUT CUTTING MORE THAN 1/3 OF GRASS HEIGHT. CONTRACTOR TO PROVIDE A MINIMUM OF 4 MOWINGS.

PLANTING MAINTENANCE / WARRANTY REQUIREMENTS:

1. MAINTAIN TREE, SHRUB, AND ORNAMENTAL GRASS PLANTINGS BY PRUNING, WATERING, CULTIVATING, WEEDING, FERTILIZING, MULCHING, RESTORING PLANTING SAUCERS, ADJUSTING AND REPAIRING TREE-STABILIZATION DEVICES, AND PERFORMING OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE PLANTINGS. PROVIDE SLOW RELEASE TREE WATERING DEVICES ON ALL SHADE TREES. MAINTENANCE PERIOD: 6 MONTHS FROM DATE OF SUBSTANTIAL COMPLETION.
2. PLANT WARRANTY: REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS WORKMANSHIP, OR GROWTH WITHIN 1 YEAR FROM DATE OF PLANTING. FAILURES INCLUDE BUT ARE NOT LIMITED TO DEATH AND UNSATISFACTORY GROWTH, STRUCTURAL FAILURES INCLUDING PLANTINGS FALLING OR BLOWING OVER, AND FAULTY PERFORMANCE OF TREE STABILIZATION. REMEDIAL ACTIONS SHALL INCLUDE REMOVE DEAD, AND PLANTS THAT ARE MORE THAN 25 PERCENT DEAD, OR IN AN UNHEALTHY CONDITION AT END OF WARRANTY PERIOD, AND REPLACE WITH SAME SPECIES. PROVIDE EXTENDED WARRANTY FOR PERIOD EQUAL TO ORIGINAL PERIOD FOR REPLACED PLANT MATERIAL.



BRADSTREET'S LANDING PARK  
PLANTING PLAN  
in  
ROCKY RIVER

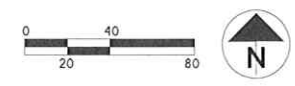
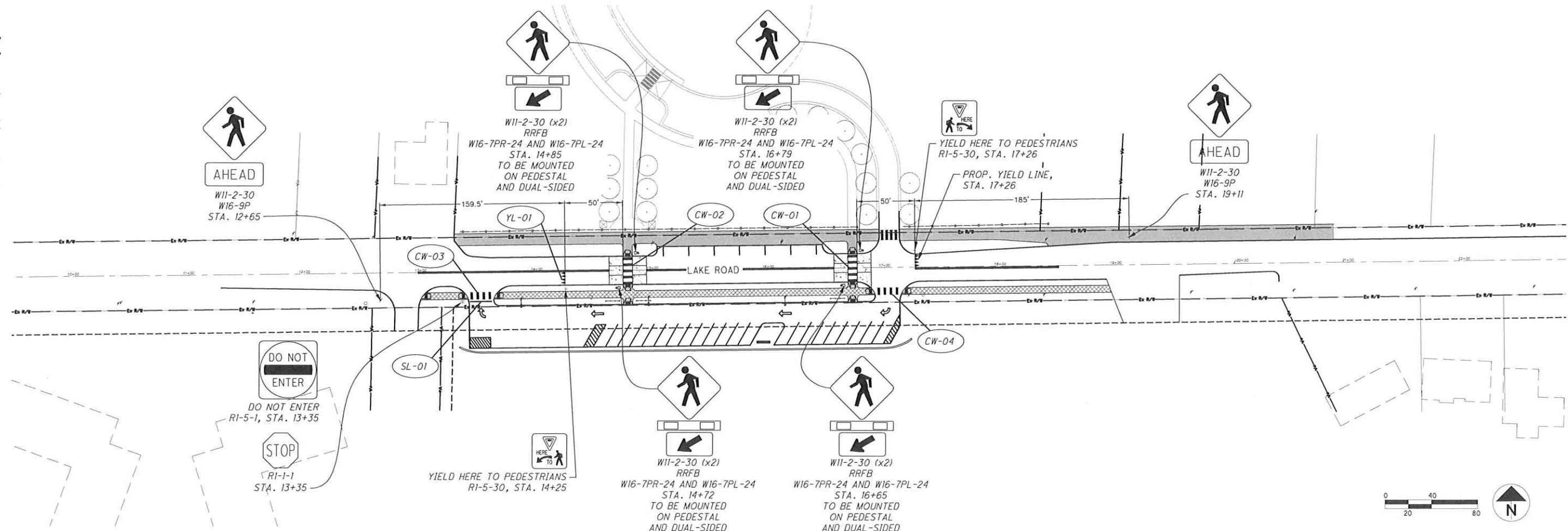


7017 Pearl Road, Suite #2A,  
Middleburg Heights, Ohio 44130  
(440) 886-4500

DATE: 04.03.2025  
SCALE: HOR. 1"=20'  
SCALE: VER. ----  
JOB No. 94E00  
SHEET 3 OF 4

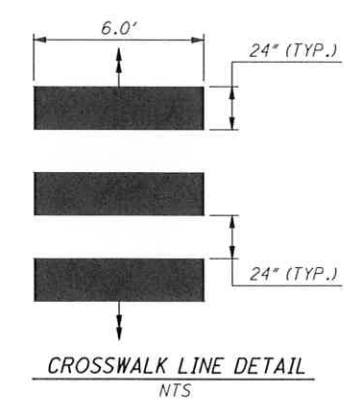
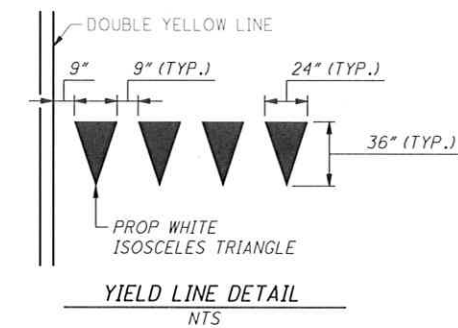


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QUANTITIES			
ITEM	DESCRIPTION	TOTAL QTY	UNIT
608	CURB RAMP	372	SF
608	4" CONCRETE WALK	3,151	SF
630	SIGNING, MISC.: SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) SIGN ASSEMBLY	4	EA
646	24" STOP LINE	19	FT
646	24" CROSSWALK LINE	108	FT
646	YIELD LINE	22	FT

TRAFFIC CONTROL PLAN LEGEND (ODOT SPEC 646)	
SL-##	24" STOP LINE
CW-##	24" CROSSWALK LINE
YL-##	YIELD LINE



- LEGEND:
- P/L ——— PROPERTY LINE
  - Ex R/W ——— RIGHT OF WAY
  - PROP 4" CONC. WALK
  - PROP CURB RAMP
  - PROP DETECTABLE WARNING

BRADSTREET'S LANDING PARK  
SIGNAGE PLAN  
in  
ROCKY RIVER

7017 Pearl Road, Suite #2A  
Middleburg Heights, Ohio 44130  
(440) 886-4500

DATE:	04.03.2025
SCALE: HOR.	1"=40'
SCALE: VER.	----
JOB No.	94E00
SHEET	4 OF 4