



Requirements

Local Ecotype Rule: Plants of Missouri or Southern Birds ecotype are required.

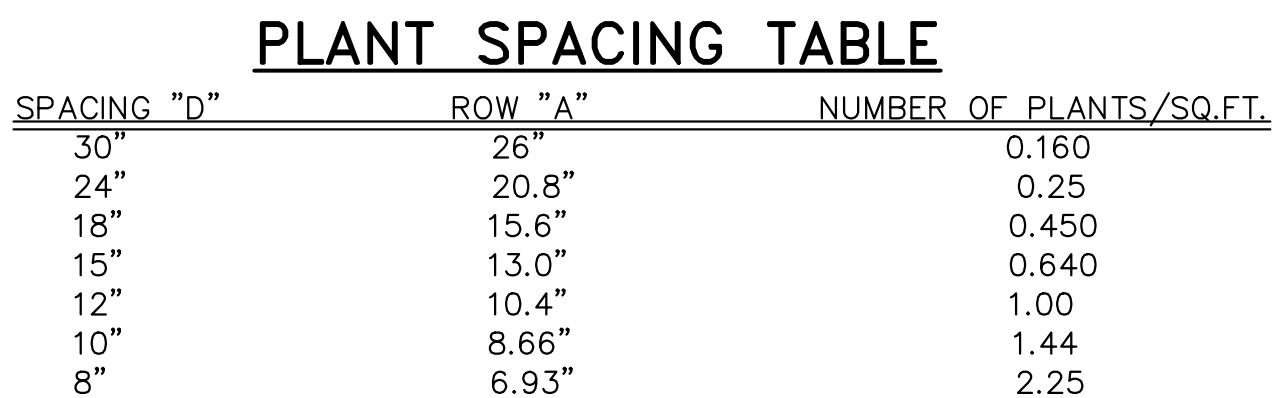
Must use a minimum of 5 grass/seed species and 8 forb species for each BMP. It is recommended that this list be provided to landscape contractors/buyers in case substitutions are required. Each species must consist of between 5% - 15% of the total plant count for each BMP.

Refer to Planting, Water, and Mow Requirements for Stormwater BMP's for plant sizes and irrigation requirements

Biodegradable erosion/mulch must be used on slopes greater than 10%.

Erosion blankets must be coarse to allow varying leaf sizes (examples include Geogtek, Cufos #1 and North American Green S75 single net straw blanket, or equivalent)

*Experimental for practice and/or limited availability in commercial trade



Requirements
Local Ecotype Rule: Plants of Missouri or Southern Illinois ecotype are required.
PLS means pure live seed; or seed that has been tested for purity and viability. This is done by most seed nurseries and should be included in your seed order.
Dry denotes an area above the 1 year ponding or bank flow elevation.
Wet denotes an area that is at or below the 1 year ponding or bank flow elevation.

Must use a minimum of 6 grass/seed species and 8 forb species for each BMP. It is recommended that this list be provided to landscape contractors/buyers in case substitutions are required.

CRITICAL POINTS

1. Overlay and secure
2. Project the Water Line
3. Channel Reinforcement/Stake Vertices
4. Double Row To Seal
5. Roll center RECPs
6. Roll Projected Water Line

SHORELINE/STREAMBANK STABILIZATION

1. Prepare soil before installing RECPs, including any necessary application of lime, fertilizer and seed.
2. Begin at the top of the channel by anchoring the RECPs in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench with approximately 1/2 in. (13 cm) of RECPs extended beyond the uppermost portion of the trench. For supplemental soil protection, use BioSentry™ System ShoreBank™ Mat at the channel's culvert outlet as needed. Anchor the RECPs with a row of staples/stakes approximately 12 in. (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12 in. (30 cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12 in. (30 cm) apart across the width of the RECPs.
3. Roll center RECPs in direction of water flow in bottom of channel. RECPs will align with approximate side against the soil surface. All RECPs must be securely fastened to soil surface by placing staples/stakes in appropriate locations as shown in the staple pattern guide.
4. Place consecutive RECPs and 'over-lap' (bring it's edge) with a 4 in.-6 in. (10-15 cm) overlap. Use a double row of staples staggered 4 in. (10 cm) apart and 4 in. (10 cm) on center to secure RECPs.
5. Full-length edge of RECPs at top of side slopes must be anchored with a row of staples/stakes approximately 12 in. (30 cm) apart and 6 in. (15 cm) deep x 6 in. (15 cm) wide trench. Backfill and compact the trench after stapling.
6. Adjacent RECPs must be overlapped approximately 2 in. (5 cm) - (3-12 cm) (depending on RECP type and staples).
7. In high flow channel applications a staple, chee slot is recommended at 30 to 40 ft (9-12 m) intervals. Use a double row of staples staggered 4 in. (10 cm) apart and 4 in. (10 cm) on center over entire width of the channel.
8. The terminal end of the RECPs must be anchored with a row of staples/stakes approximately 12 in. (30 cm) apart in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench. Backfill and compact the trench after stapling.

NOTE: In adverse soil conditions (longer staples/stakes or earth anchors may be necessary to properly secure the RECPs).

SHORELINE/STREAMBANK STABILIZATION

1. For easier installation, lower water level from Level to Level B before installation to allow bottom trenching.
2. Prepare soil before installing RECPs, including any necessary application of lime, fertilizer and seed.
3. Begin at the top of the shoreline by anchoring the RECPs in a 6 in. (15 cm) deep x 6 in. (15 cm) wide trench with approximately 12 in. (30 cm) of RECPs extended beyond the uppermost portion of the trench. Anchor the RECPs with a row of staples/stakes approximately 12 in. (30 cm) apart in the bottom of the trench. Backfill and compact the trench after stapling. Apply seed to the compacted soil and fold the remaining 12 in. (30 cm) portion of RECPs back over the seed and compacted soil. Secure RECPs over compacted soil with a row of staples/stakes spaced approximately 12 in. (30 cm) apart across the width of the RECPs.
4. Roll RECPs either (A) down the shoreline for long banks (top to bottom) or (B) horizontally across the shoreline when RECPs can't be used with water level side method (A).

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Corporate Certificate of Authority #001348

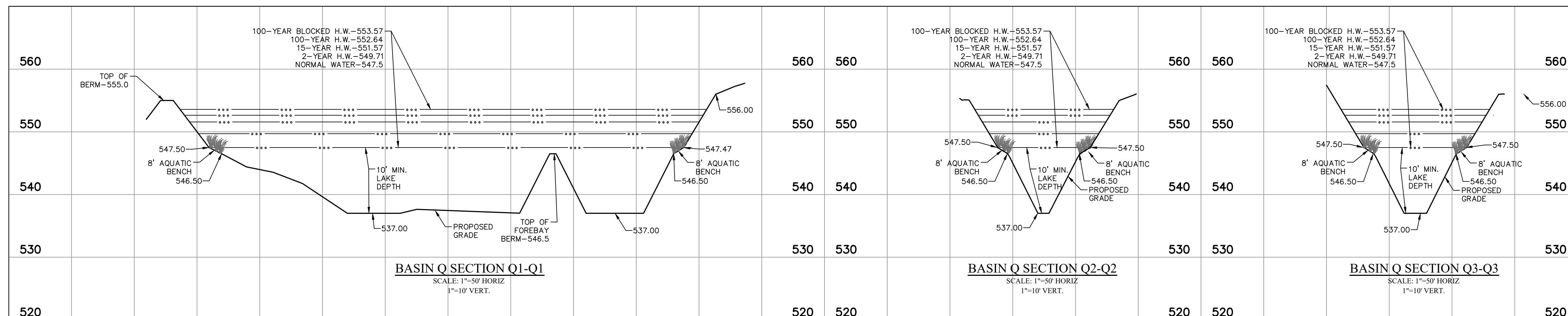
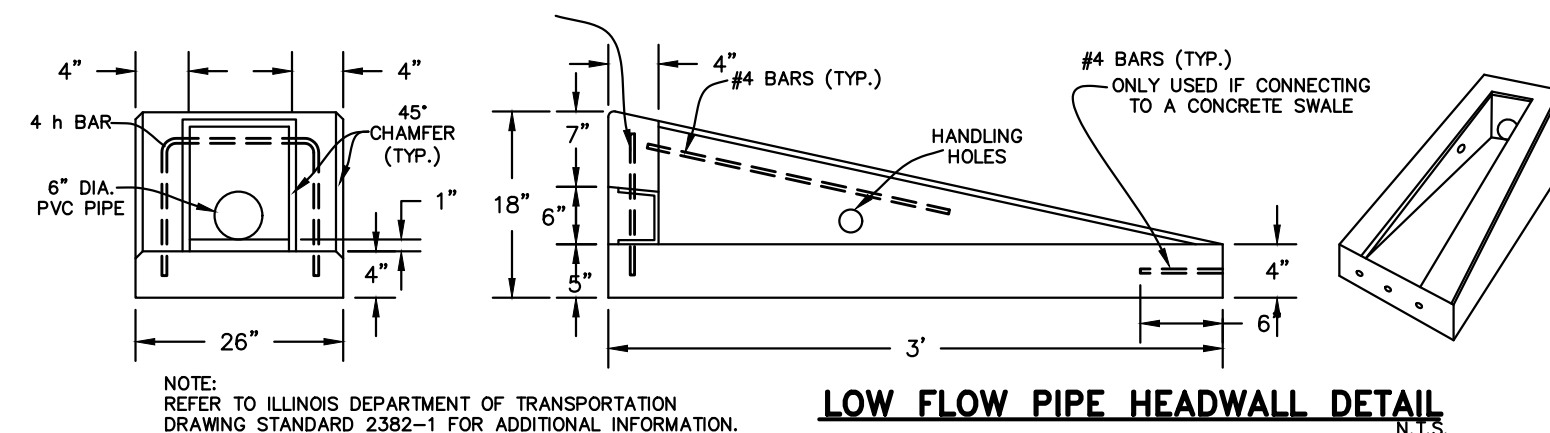
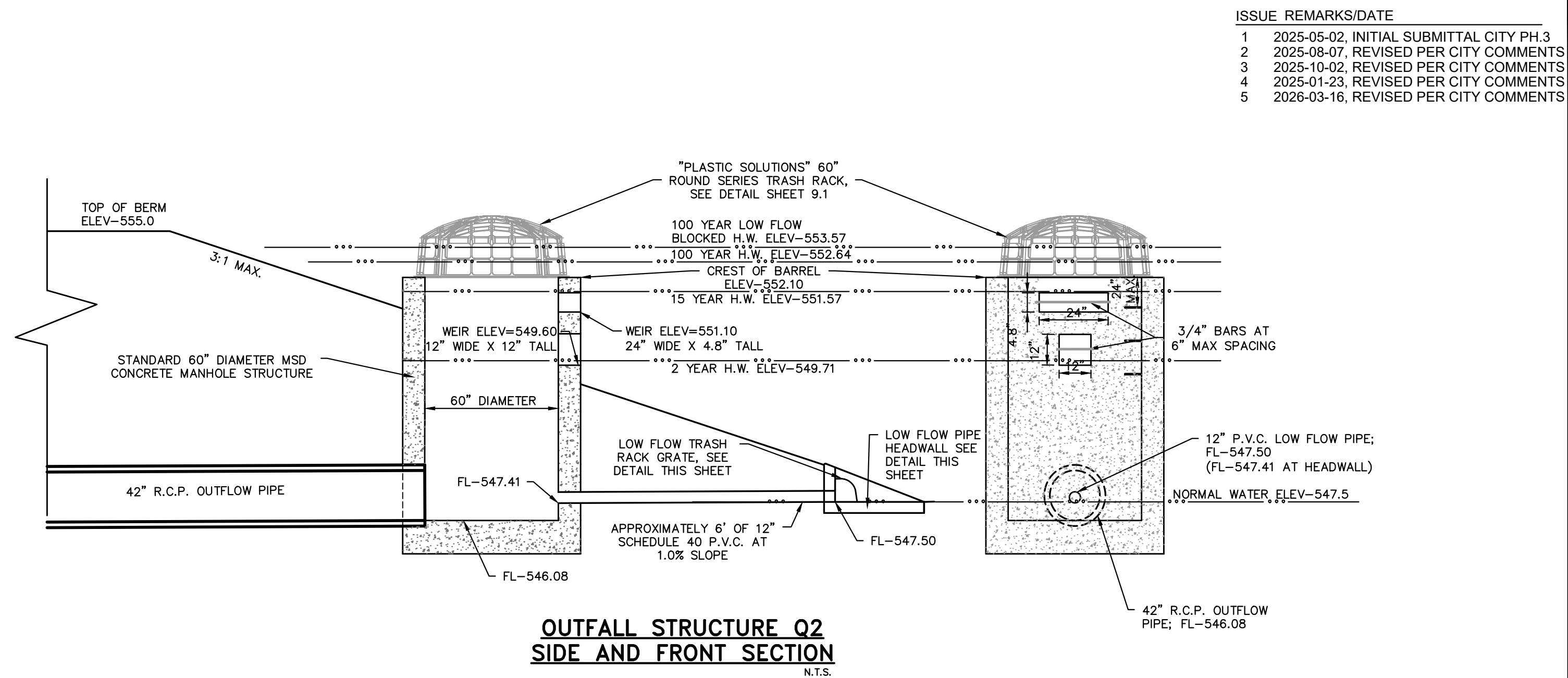
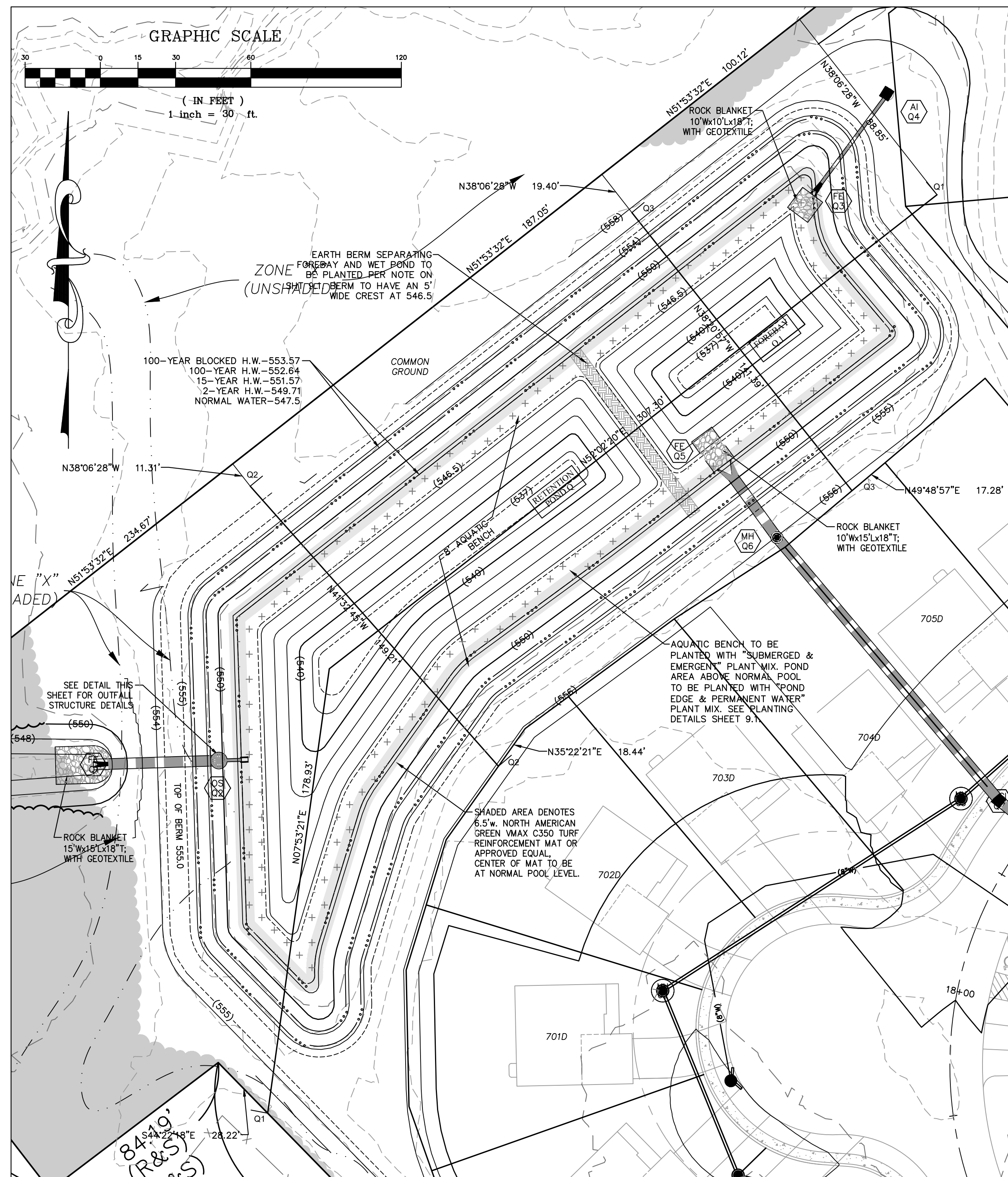
The Professional Engineer's seal and signature affirm to the client project only to the materials and items shown on the seal of design, instruments or other instruments not including this seal and to the fact that the work was created by this engineer, and the engineer's authority to execute the work is not subject to any other authority not including this seal and signature.



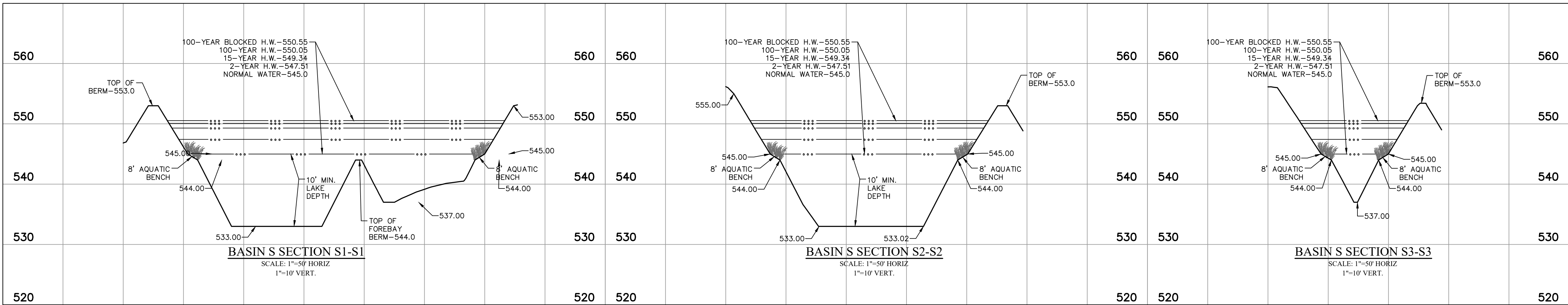
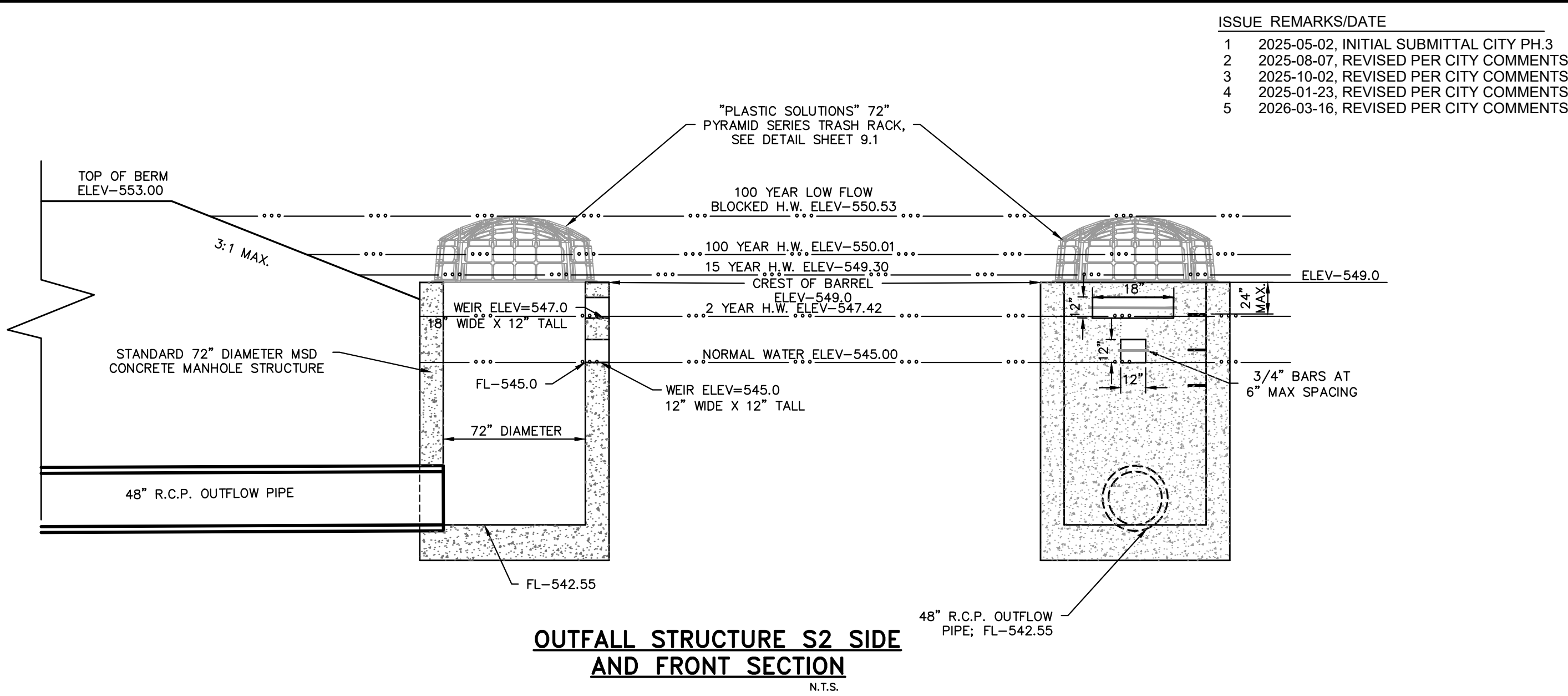
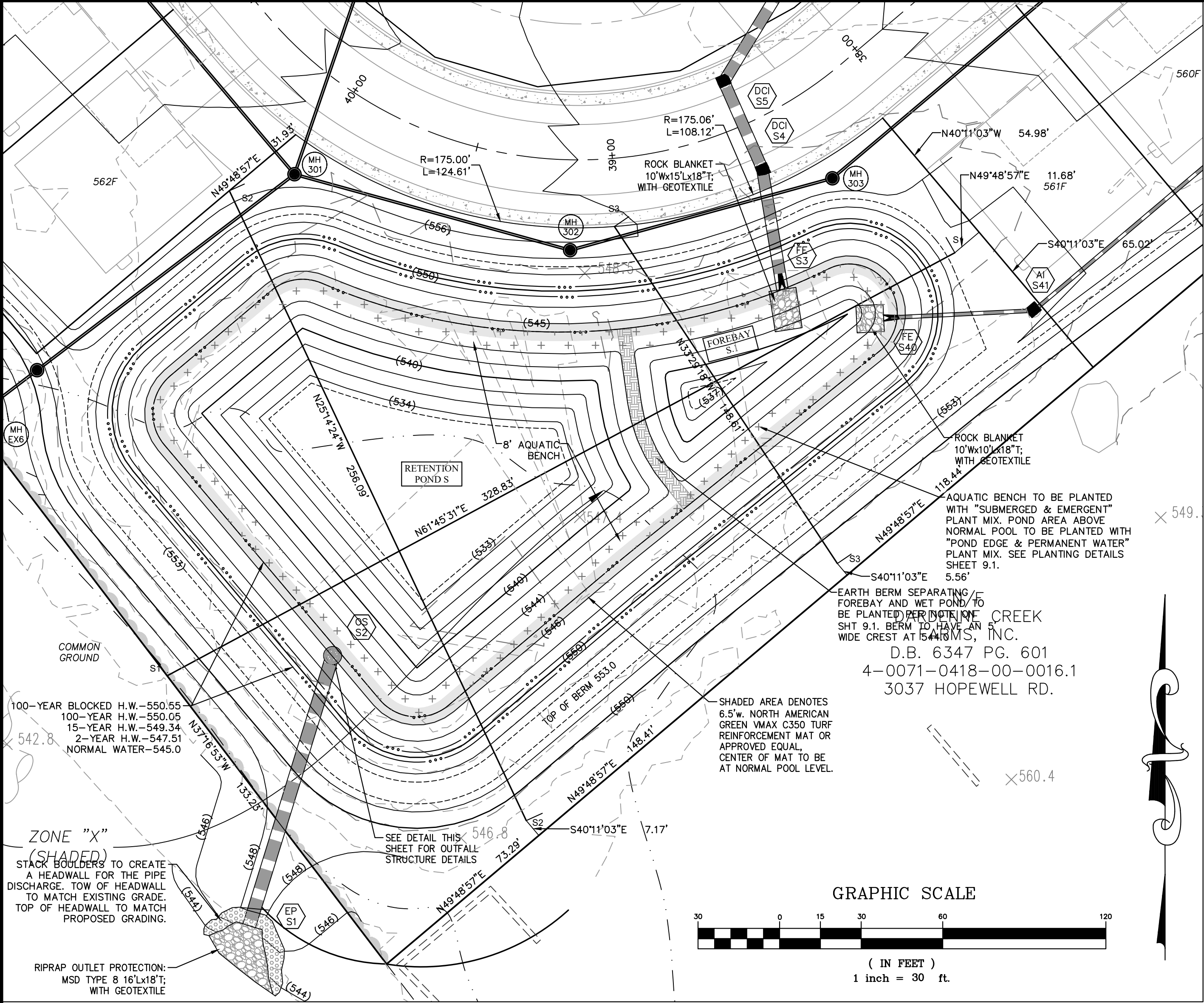
Date: 03-16-2026
Michael G. Boerdig
License No. E-28643
Professional Engineer

<i>TELL, LLC</i> Partner Road #1 63129	QUALITY DETAILS
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HARVEST HOPEW 5091 New Baumga St. Louis, Missou 		DETENTION/WATER Q
P+Z No.	21-004994	
City No.	21-011444	
Date:	03-16-2026	
Job No.	20-09-327	



Drawing name: V:\20080327 Highway N Assembly\Drawings\Improvements\9327 PH3 Basin Details.dwg. Plotted on: Mar 16, 2026 - 3:24pm. Plotted by: beandora



ISSUE	REMARKS/DATE
1	2025-05-02, INITIAL SUBMITTAL CITY PH.3
2	2025-08-07, REVISED PER CITY COMMENTS
3	2025-10-02, REVISED PER CITY COMMENTS
4	2025-01-23, REVISED PER CITY COMMENTS
5	2026-03-16, REVISED PER CITY COMMENTS

PROJECT TITLE

HARVEST
AT HOPEWELL

O'Fallon, Missouri

O'FALLON PHASE 3

THE **STERLING** CO.
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Date: 03-16-2026
Michael G. Boerding
License No. MO E-28643
Professional Engineer

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

RETENTION BASIN S DETAILS

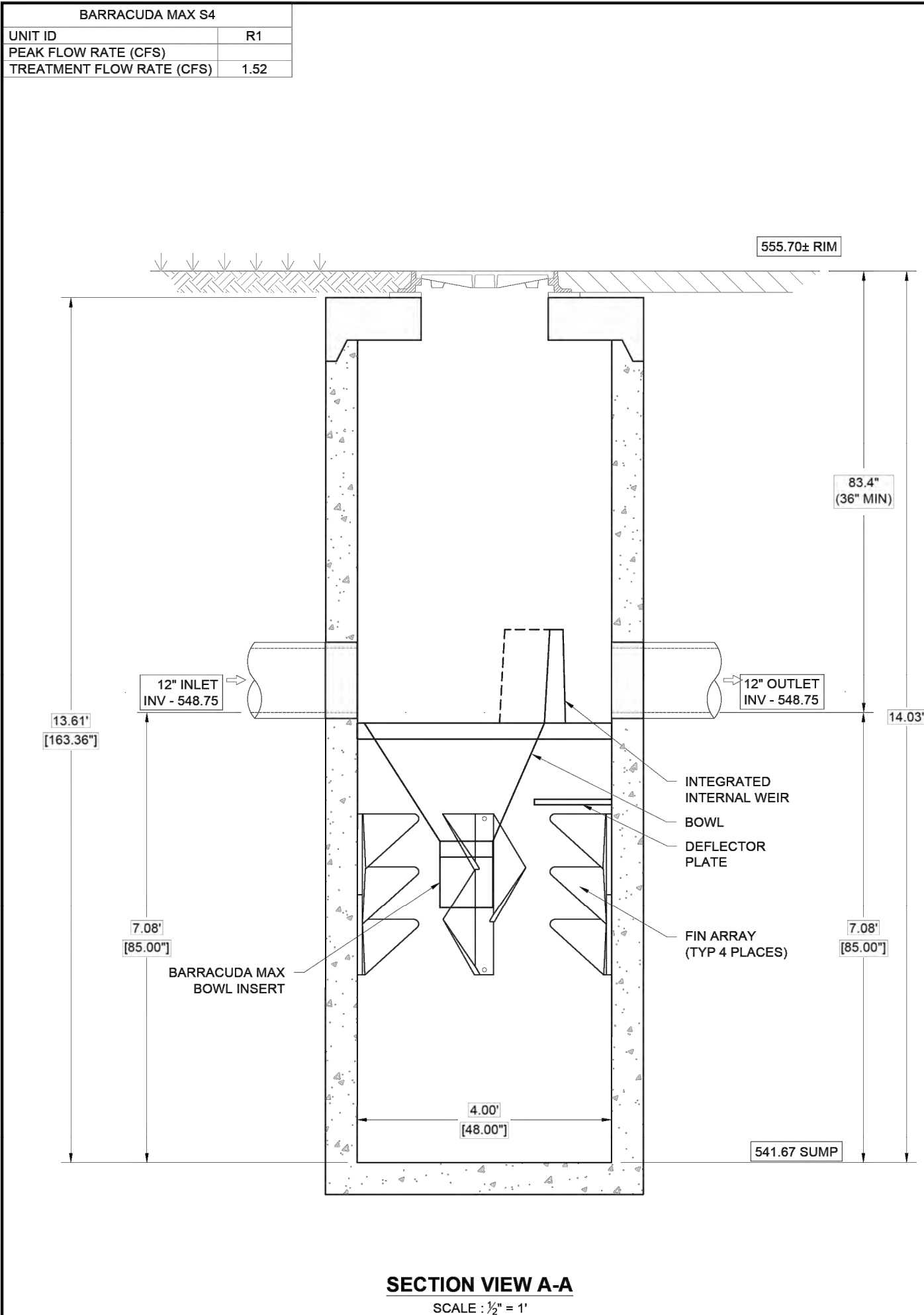
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City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327

Page No.

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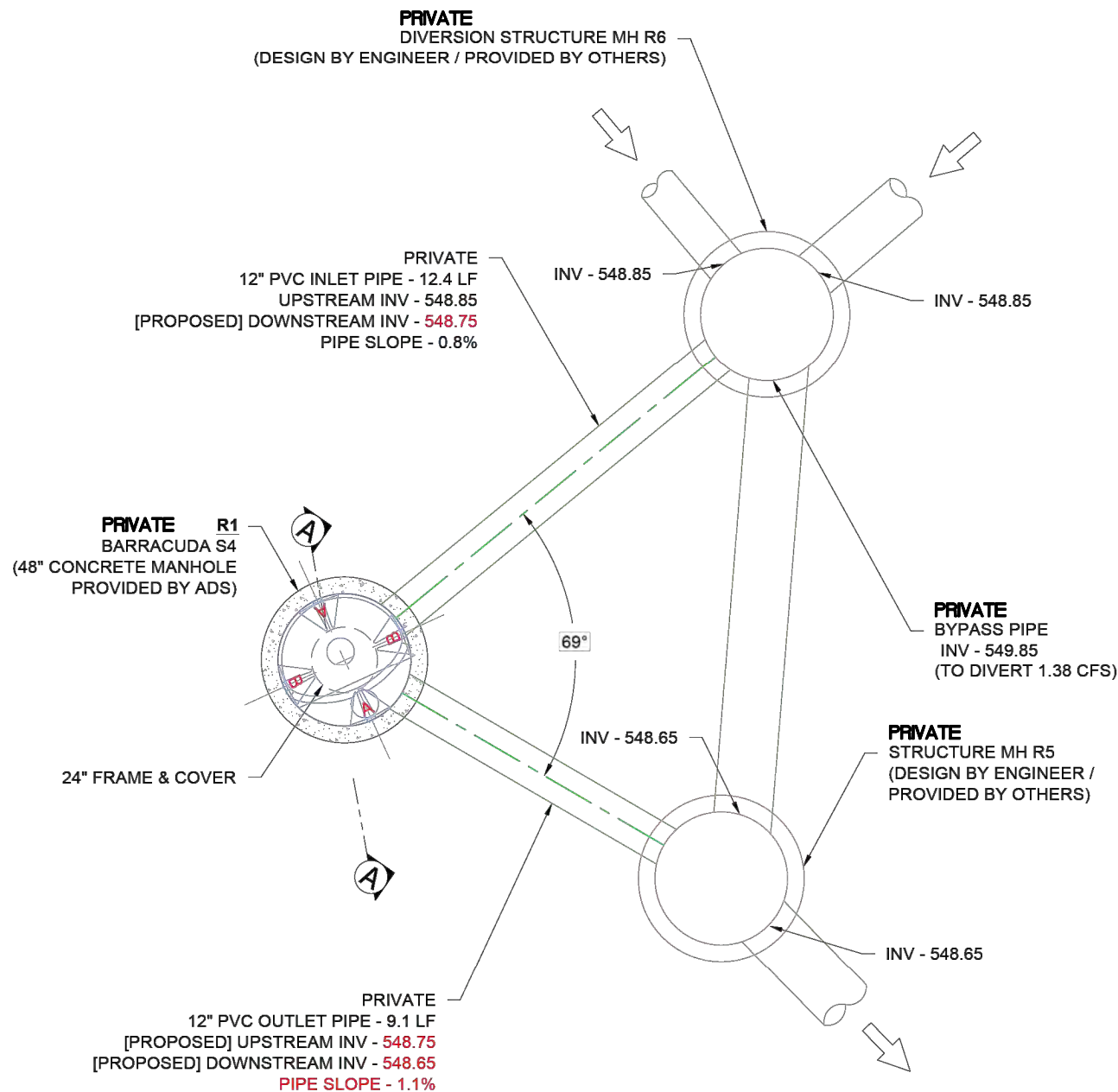
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- PRODUCT SPECIFICATIONS**
- THE STORMWATER TREATMENT UNIT SHALL BE AN INLINE UNIT CAPABLE OF CONVEYING 100% OF THE DESIGN PEAK FLOW. IF PEAK FLOW RATES EXCEED MAXIMUM HYDRAULIC RATE, THE UNIT SHALL BE INSTALLED OFFLINE.
 - THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 80% OF THE SUSPENDED SOLIDS ON AN ANNUAL AGGREGATE REMOVAL BASIS. SAID REMOVAL SHALL BE BASED ON FULL-SCALE THIRD PARTY TESTING USING OK-110 MEDIA GRADATION OR EQUIVALENT AND 300 mg/L INFLUENT CONCENTRATION. SAID FULL SCALE TESTING SHALL HAVE INCLUDED SEDIMENT CAPTURE BASED ON ACTUAL TOTAL MASS COLLECTED BY THE STORMWATER TREATMENT UNIT.
 - OR-
 - THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 50% OF TSS USING A MEDIA MIX WITH $d_{50}=75$ MICRON AND 200 MG/L INFLUENT CONCENTRATION.
 - OR-
 - THE BARRACUDA UNIT SHALL BE DESIGNED TO REMOVE AT LEAST 50% OF TSS PER PREVIOUS 2013 NJDEP/NJCAT HDS PROTOCOL.

- NOTE**
- ALL CONNECTIONS TO BARRACUDA TO BE A-LOK CONNECTIONS.



HARVEST AT HOPEWELL		
PHASE 3		
WENTZVILLE, MO		
DATE	DWN	CHK
05-16-25		
PROJECT #	SAT0500	CHECKED: JPR
DRAWN:	PME	

Barracuda Max	
Stormwater Separator	
4640 TRUENAN BLVD HILLIARD, OH 43026	AS NOTED

ADS	
AS NOTED	
2	3

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1	2025-05-02, INITIAL SUBMITTAL CITY PH.3
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3	2025-10-02, REVISED PER CITY COMMENTS
4	2025-01-23, REVISED PER CITY COMMENTS
5	2026-03-16, REVISED PER CITY COMMENTS

PROJECT TITLE

**HARVEST
AT HOPEWELL**
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Date: 03-16-2026
Michael G. Boerding
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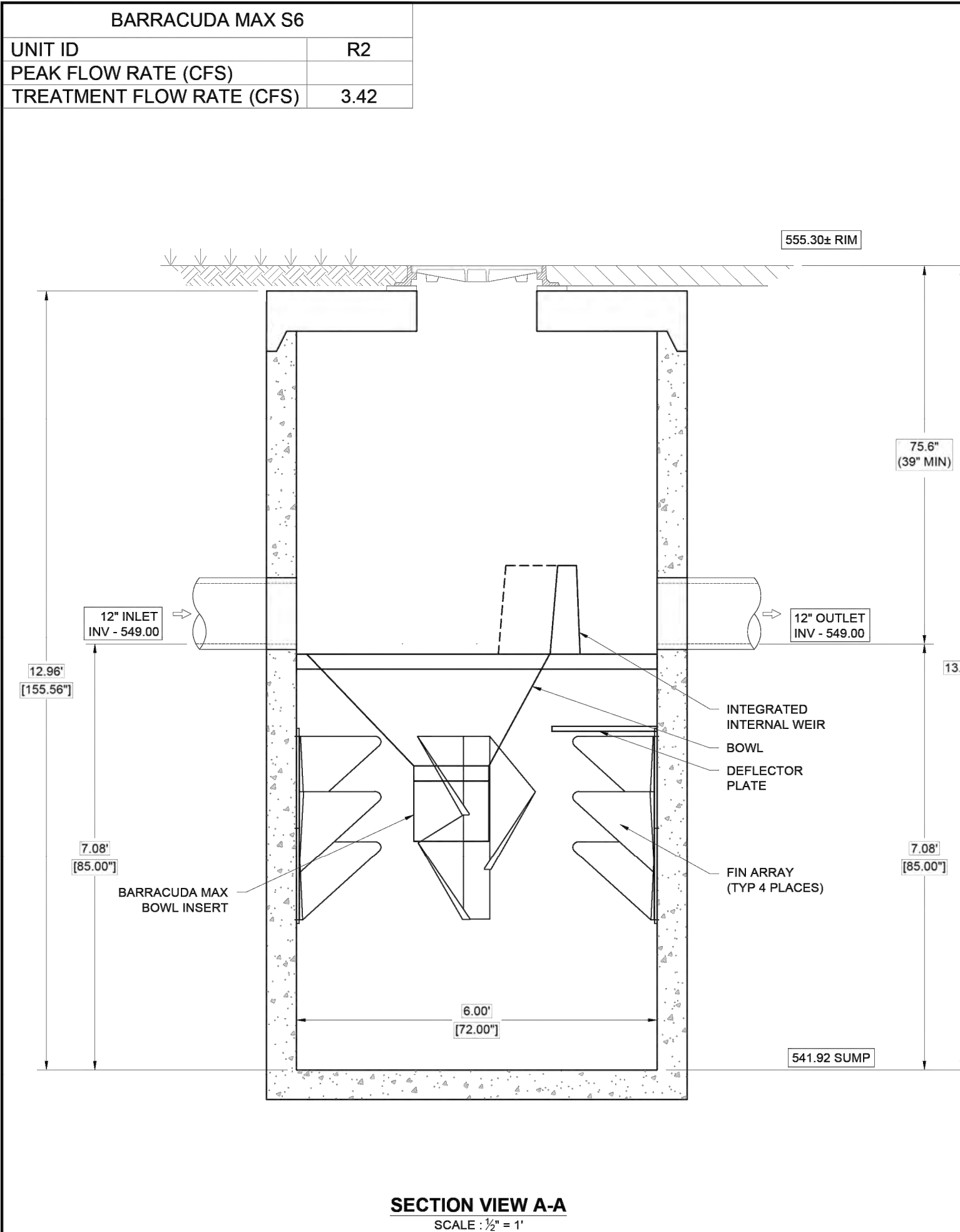
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P+Z No. 21-004994
City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327

Page No.

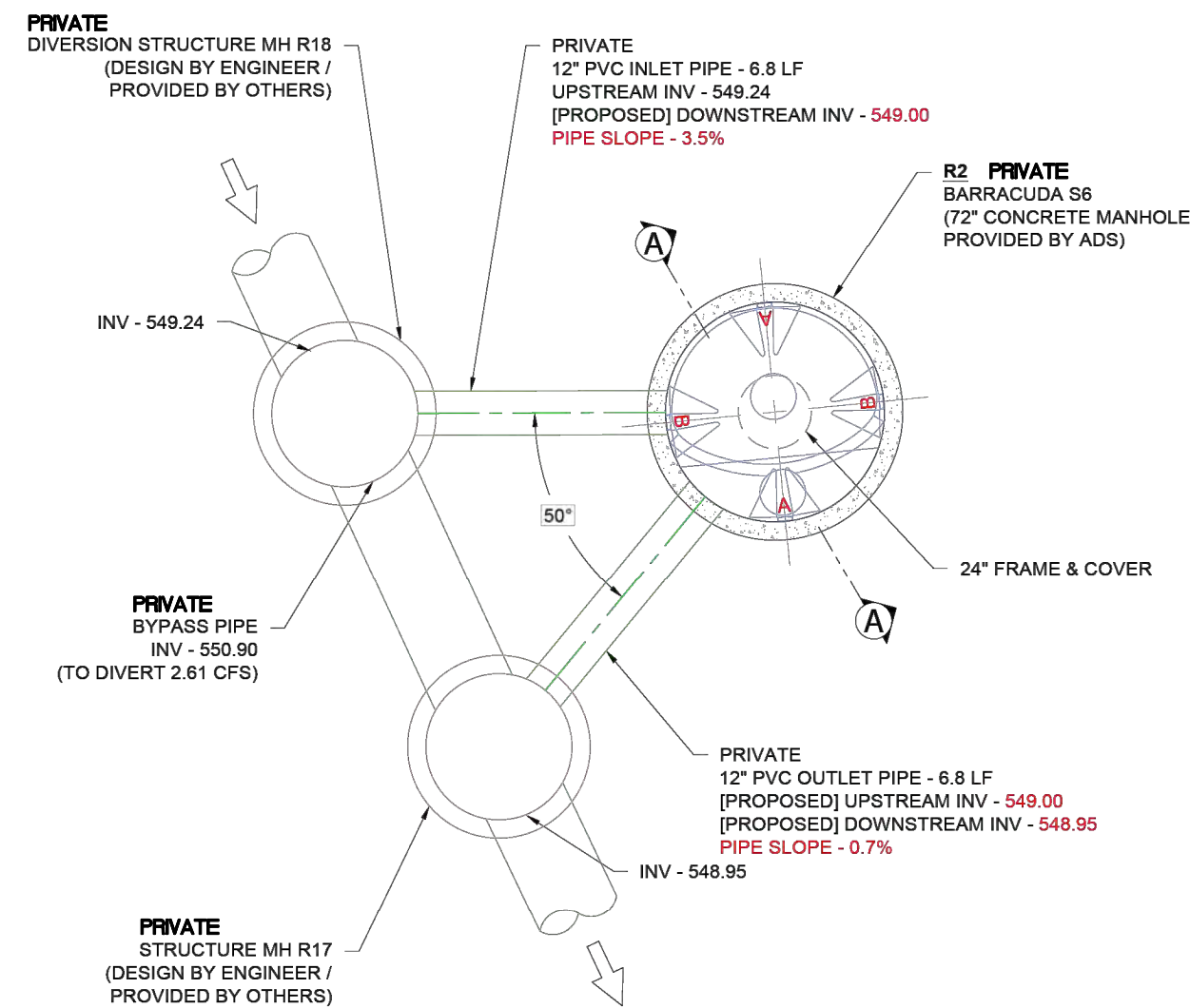
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- NOTE**
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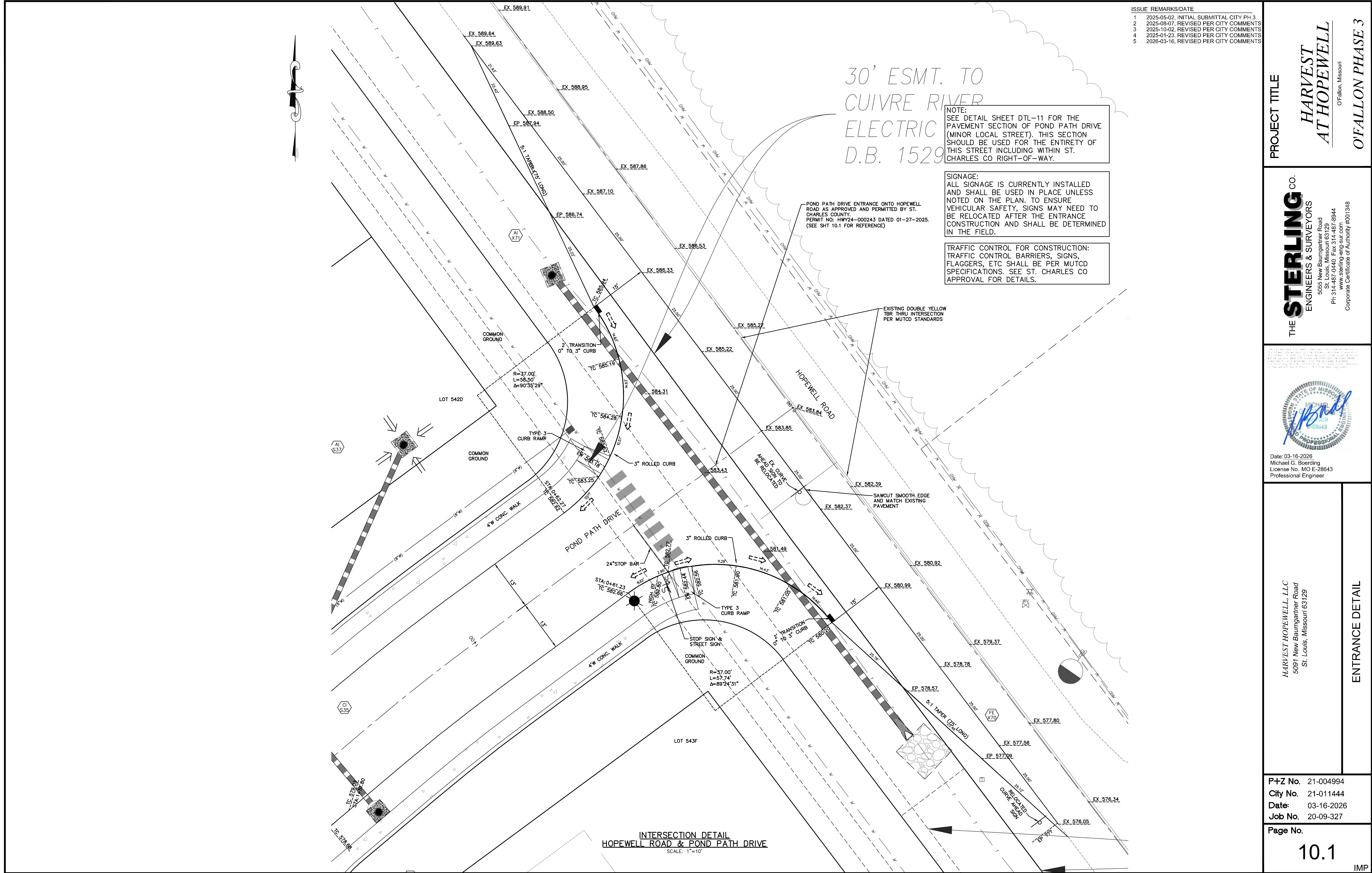


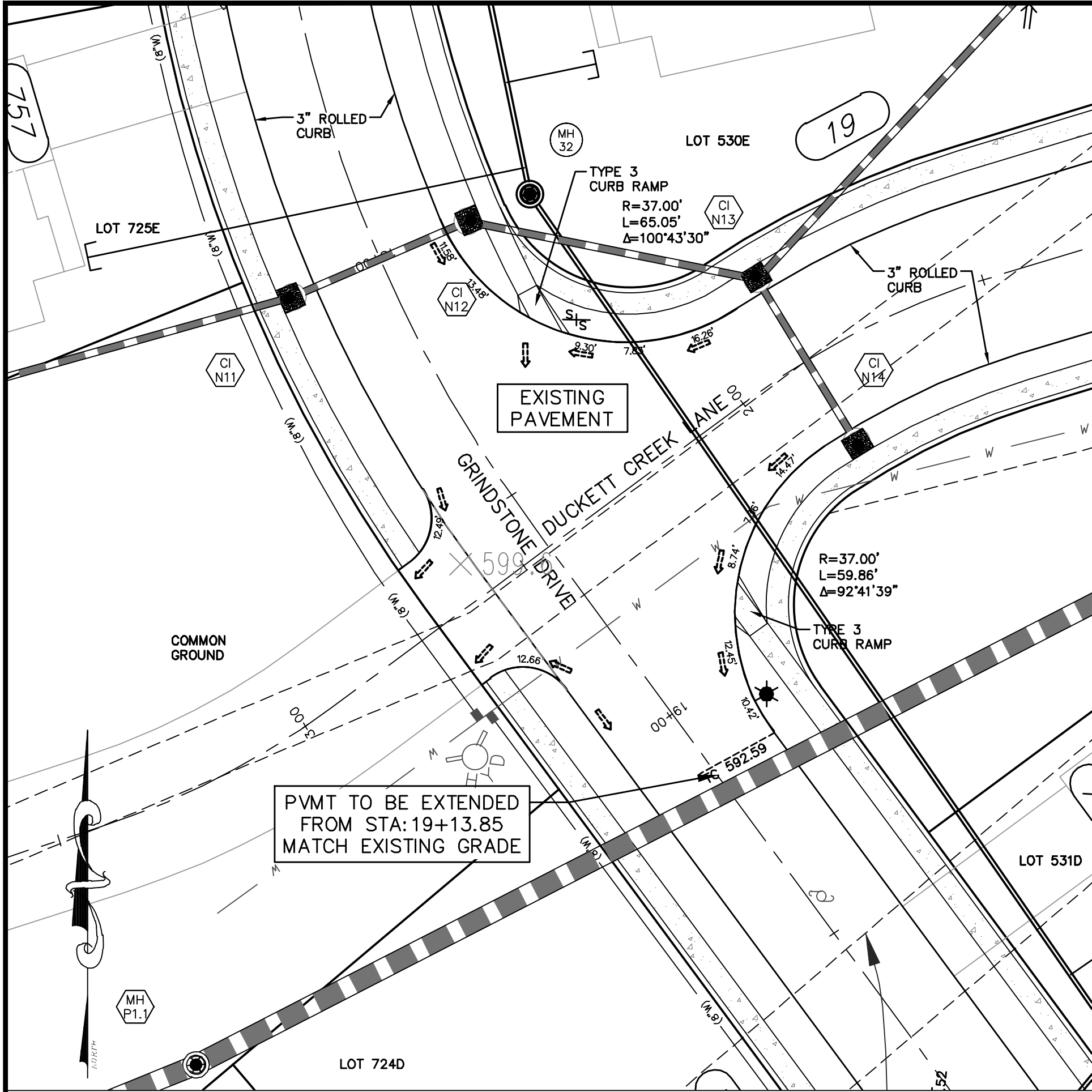
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PHASE 3		
WENTZVILLE, MO		
DATE	DWN	CHK
05-16-25		
PROJECT #	SAT0500	CHECKED: JPR
DRAWN:	PME	

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Stormwater Separator	
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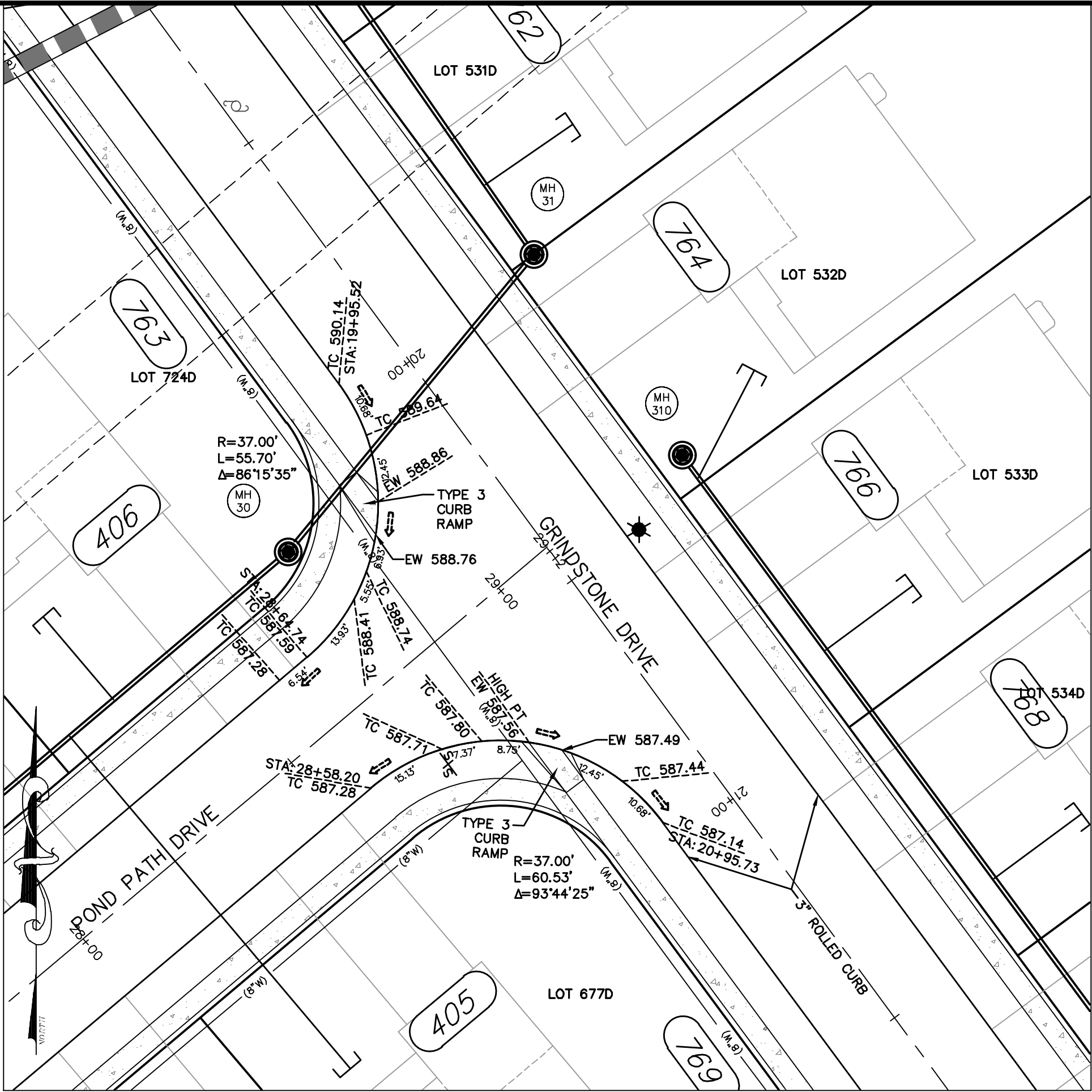
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AS NOTED	
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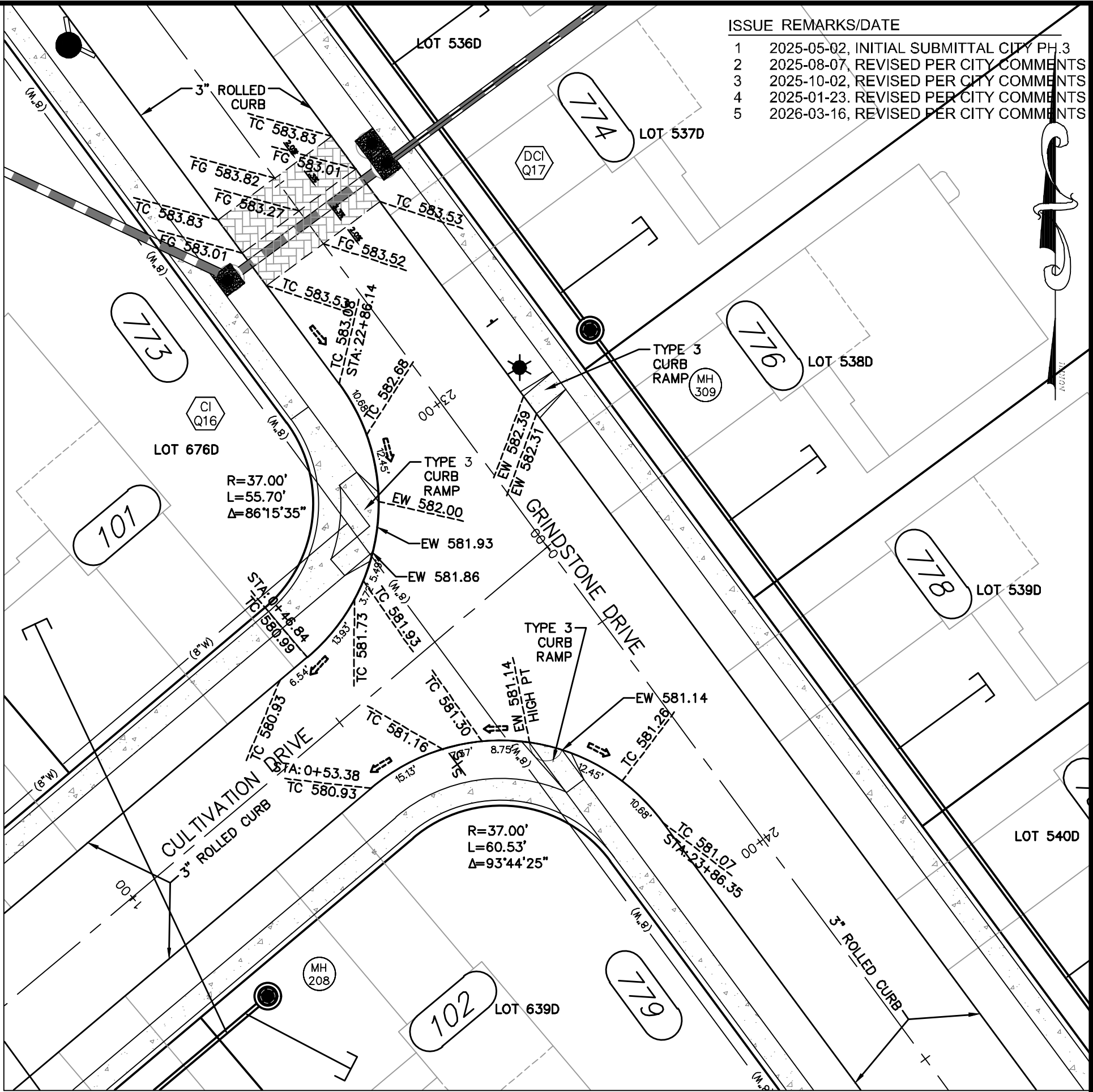




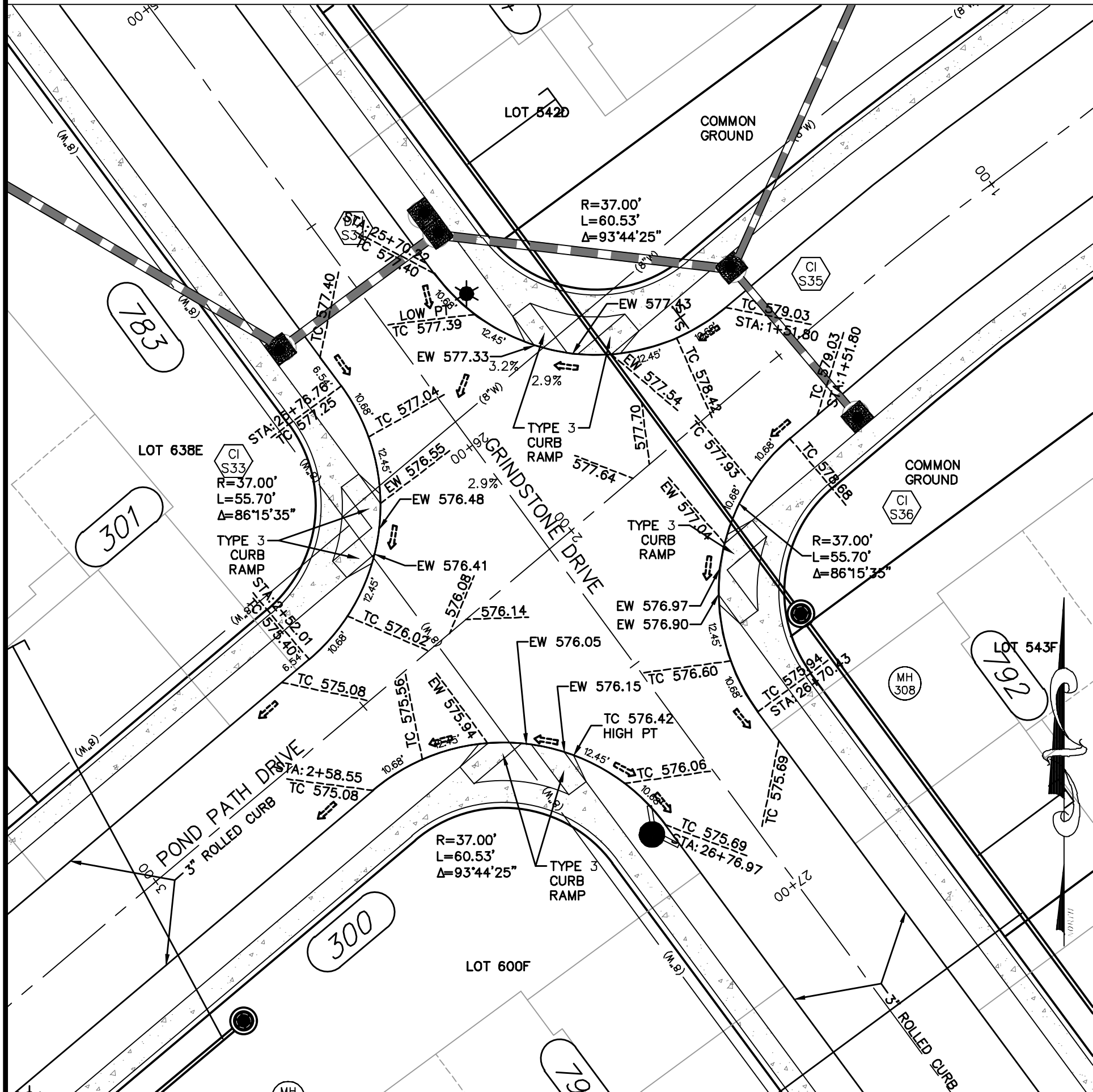
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SCALE: 1"=20'



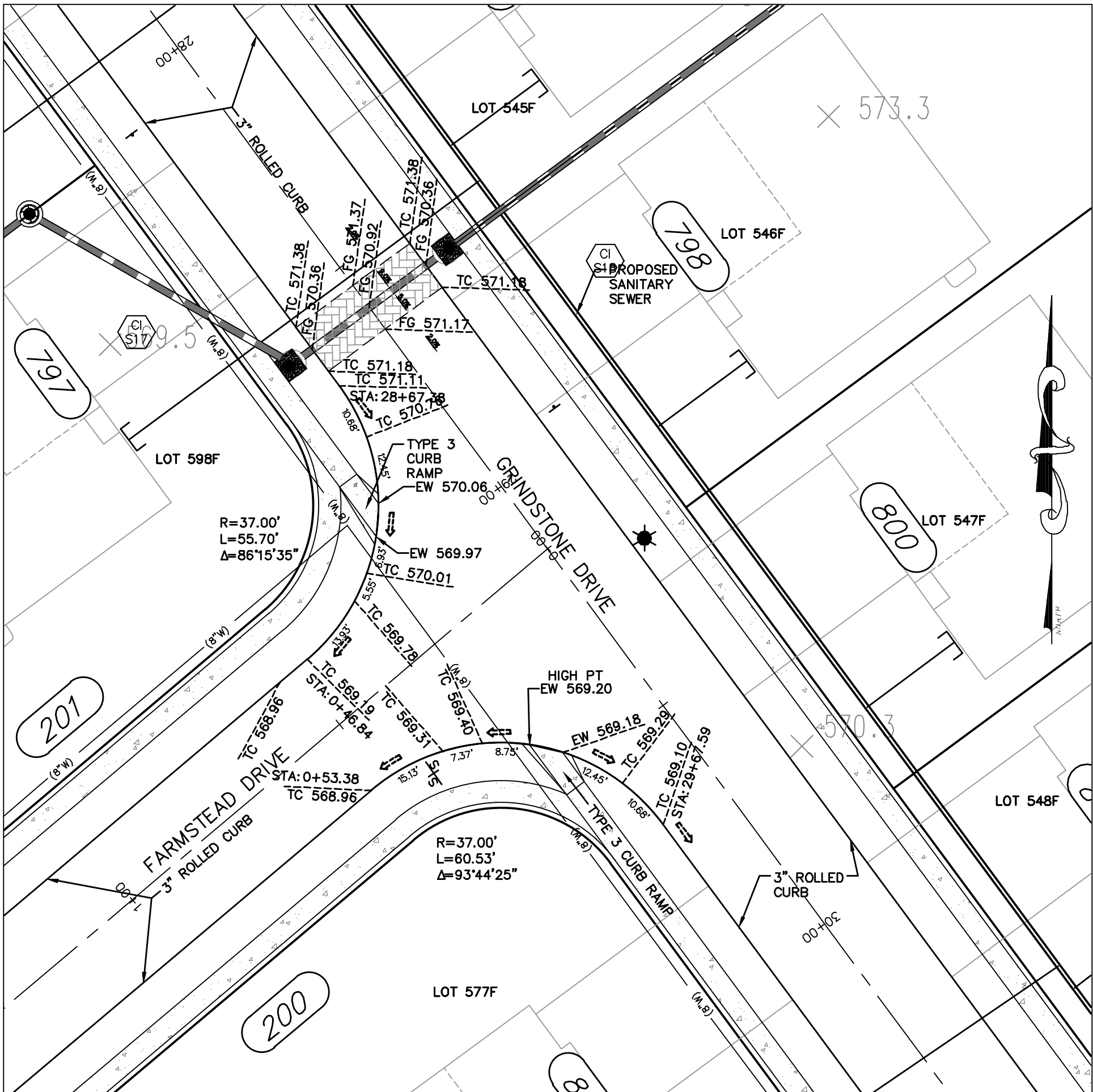
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GRINDSTONE DRIVE & POND PATH DRIVE
SCALE: 1"=20'



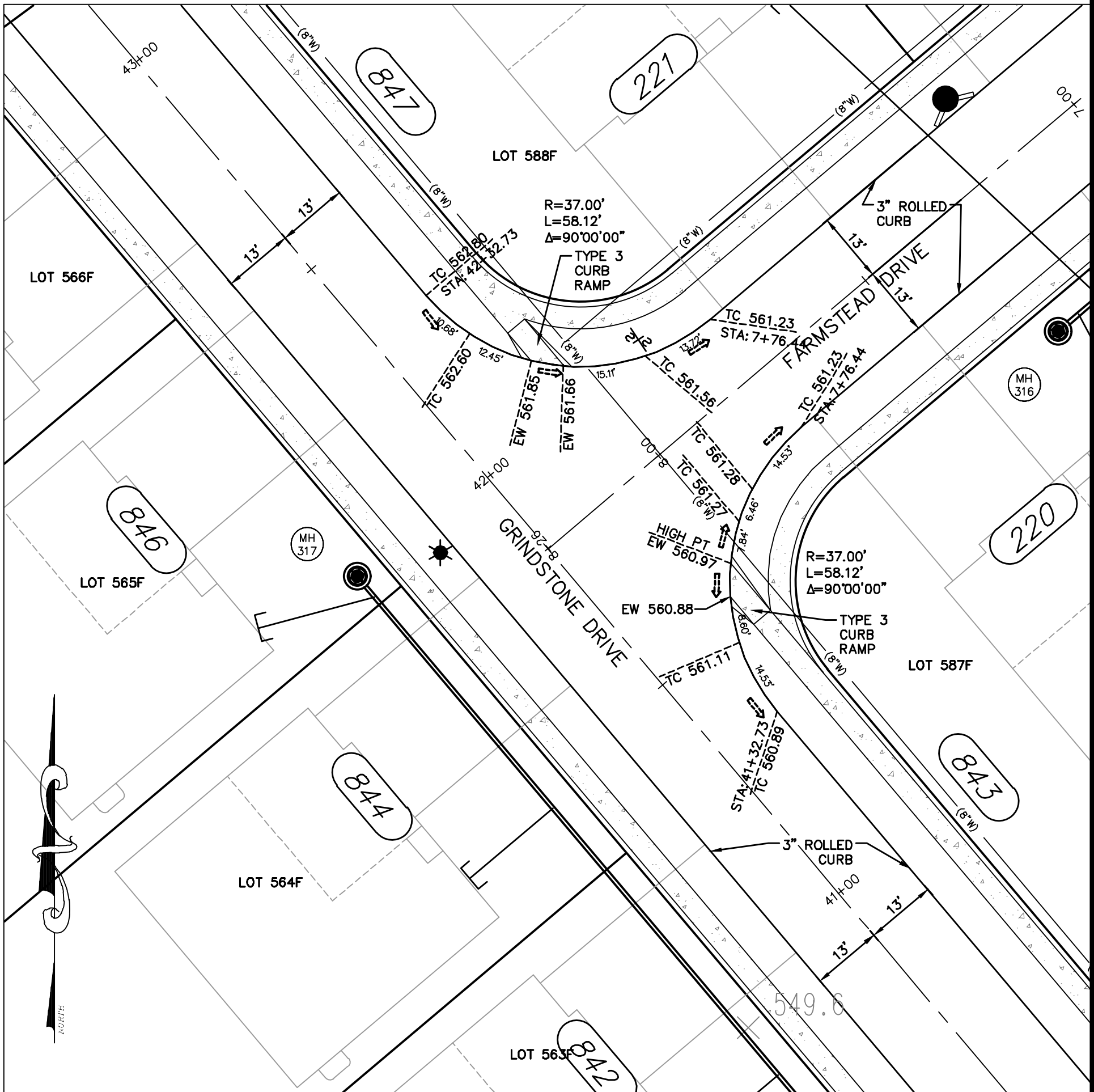
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GRINDSTONE DRIVE & CULTIVATION DRIVE
SCALE: 1"=20'



INTERSECTION DETAIL
GRINDSTONE DRIVE & POND PATH DRIVE
SCALE: 1"=20'



INTERSECTION DETAIL
GRINDSTONE DRIVE & FARMSTEAD DRIVE
SCALE: 1"=20'



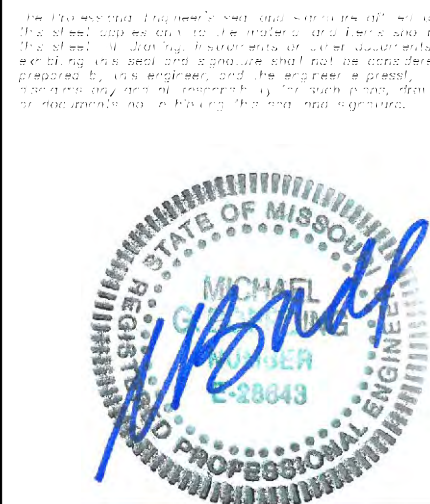
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GRINDSTONE DRIVE & FARMSTEAD DRIVE
SCALE: 1"=20'

ISSUE	REMARKS/DATE
1	2025-05-02, INITIAL SUBMITTAL CITY PH. 3
2	2025-08-07, REVISED PER CITY COMMENTS
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PROJECT TITLE

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Date: 03-16-2026
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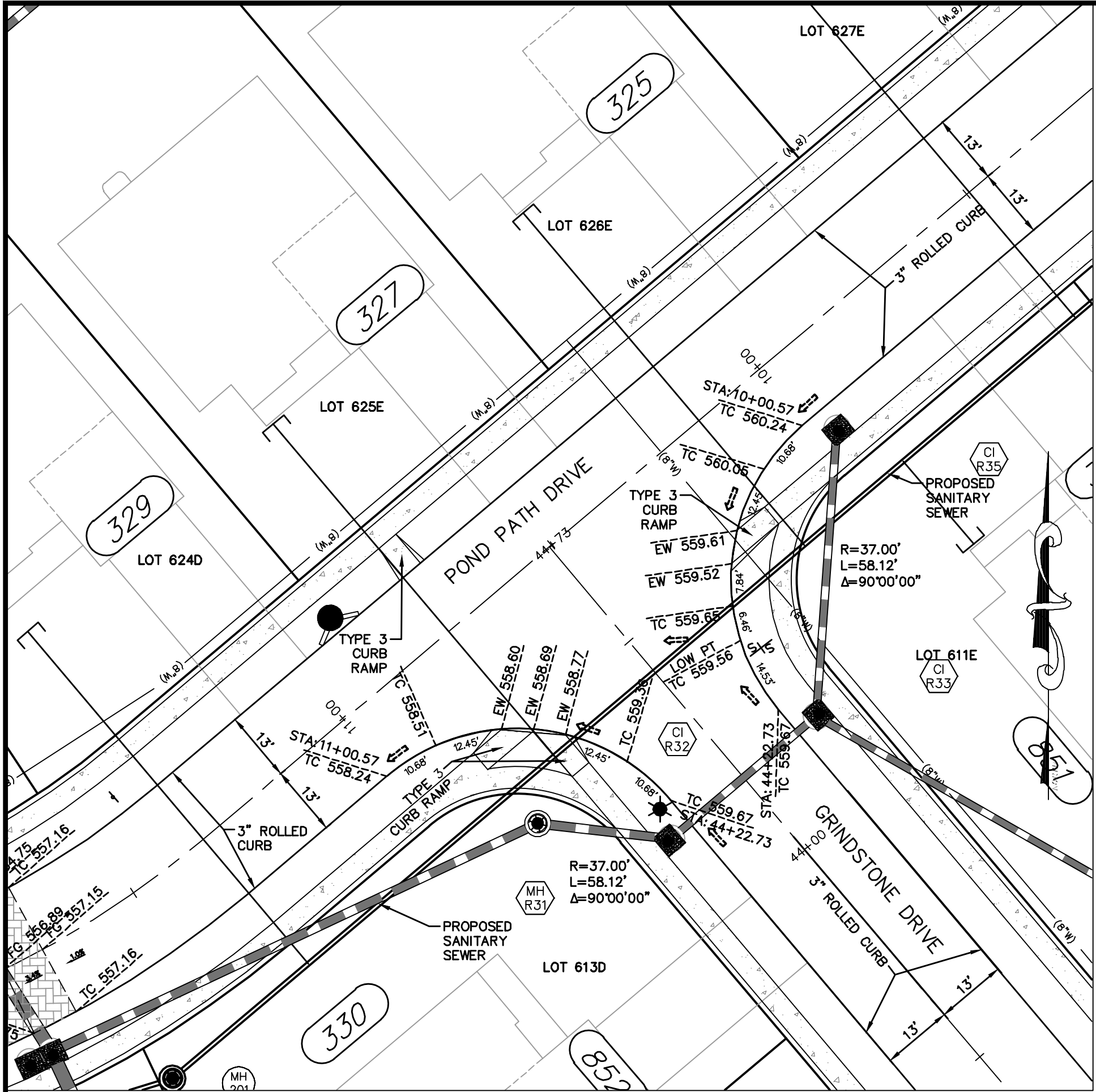
WARPING DETAILS

P+Z No. 21-004994
City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327

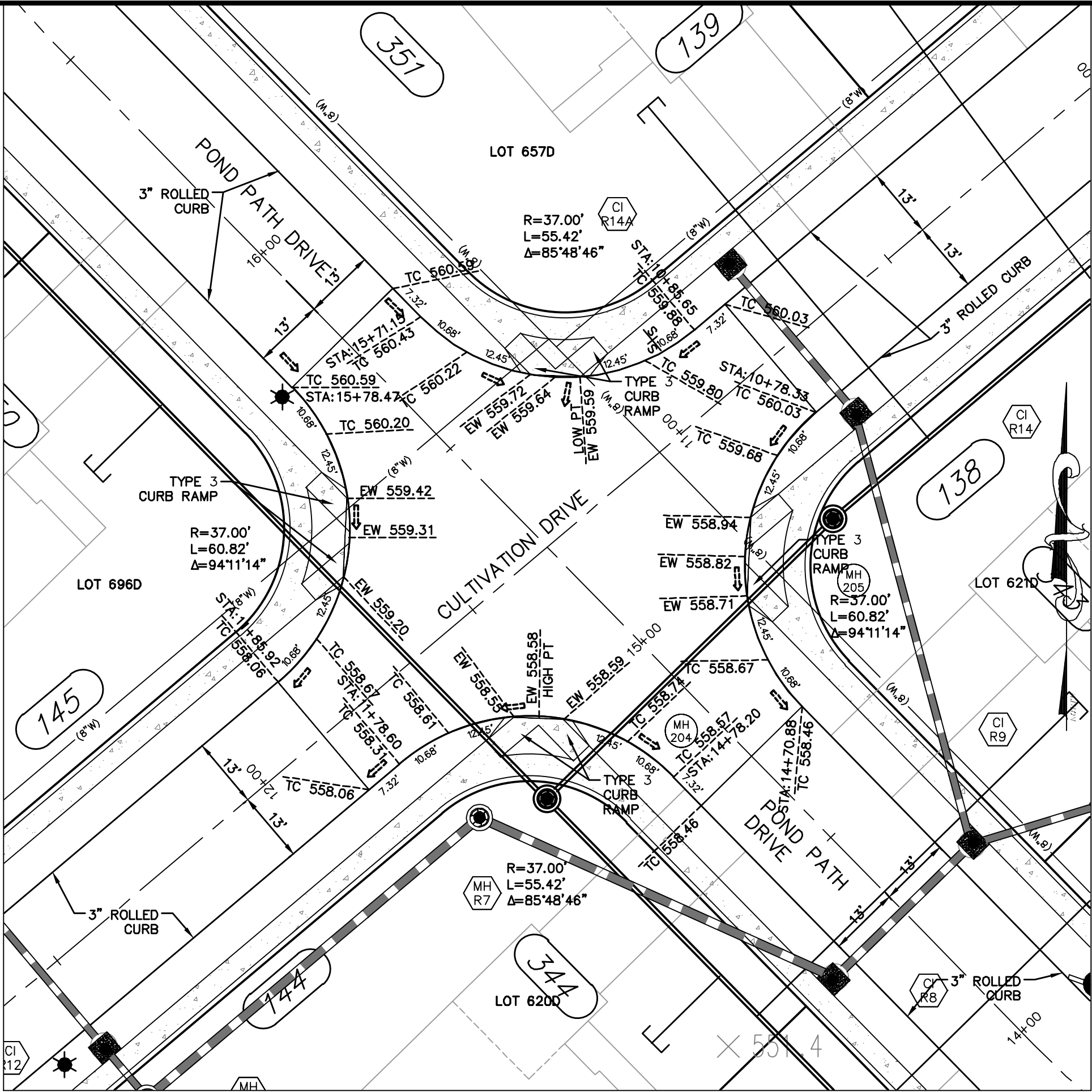
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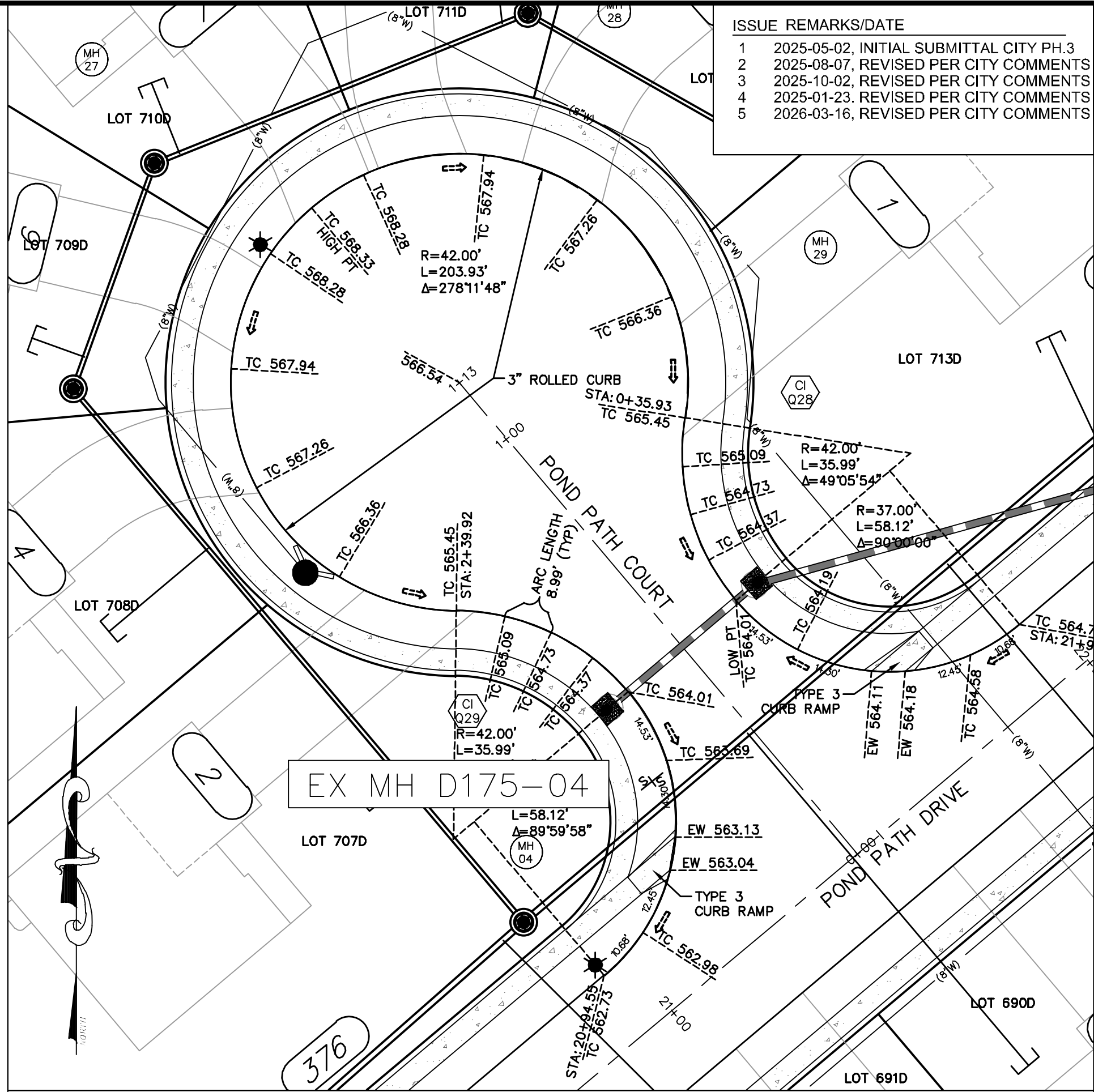
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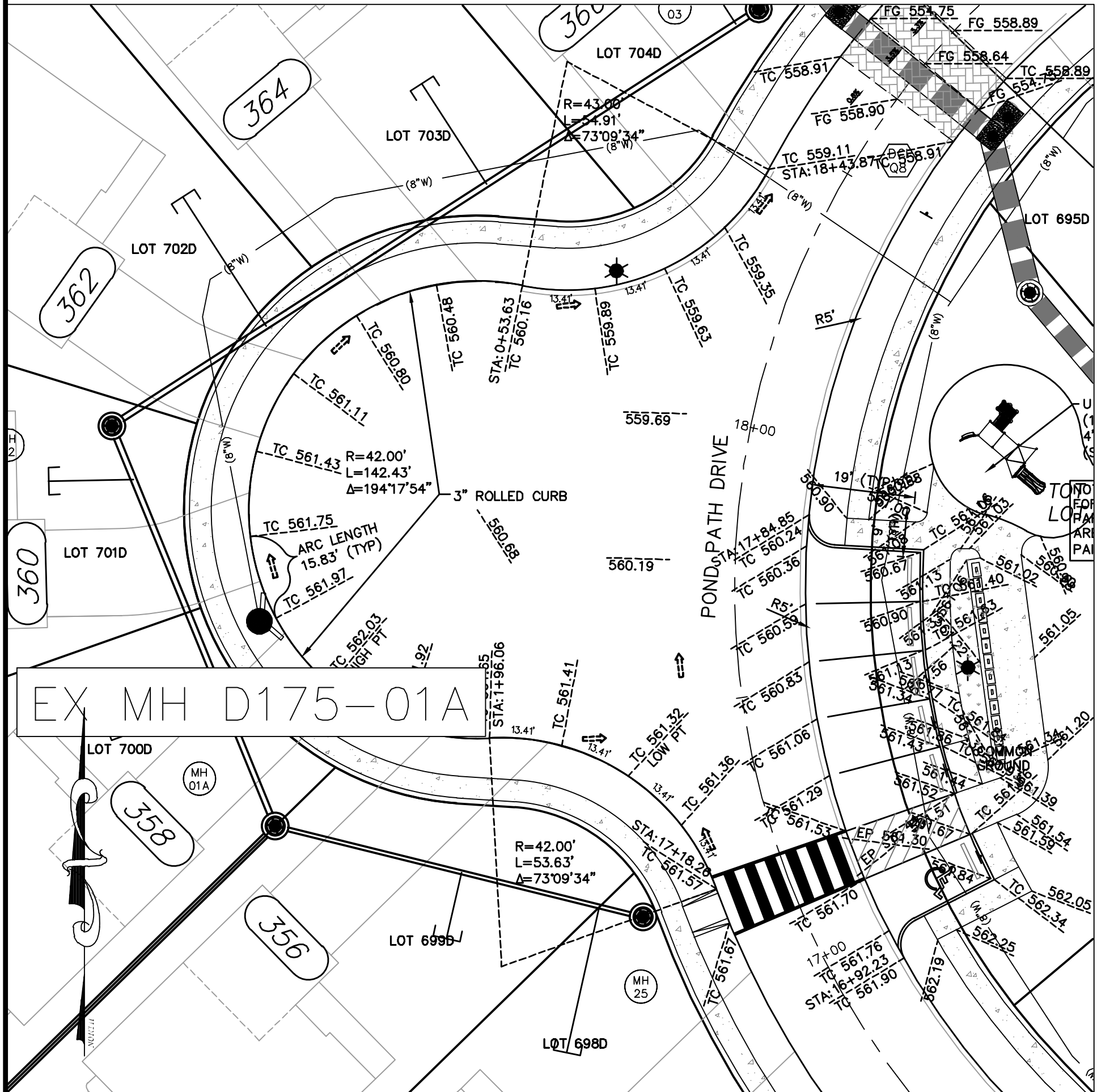
INTERSECTION DETAIL
GRINDSTONE DRIVE & POND PATH DRIVE
SCALE: 1"=20'



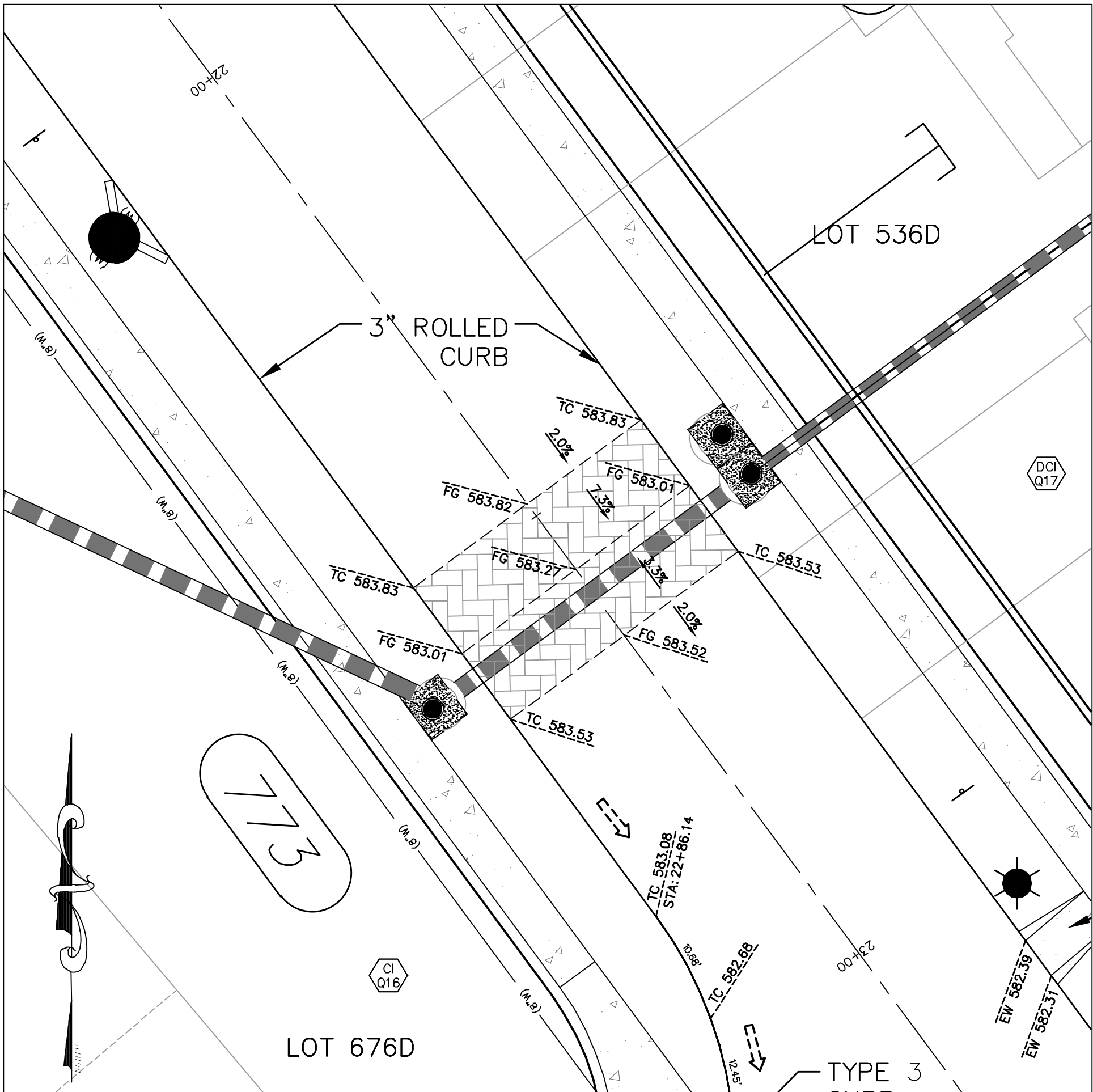
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POND PATH DRIVE & CULTIVATION DRIVE
SCALE: 1"=20'



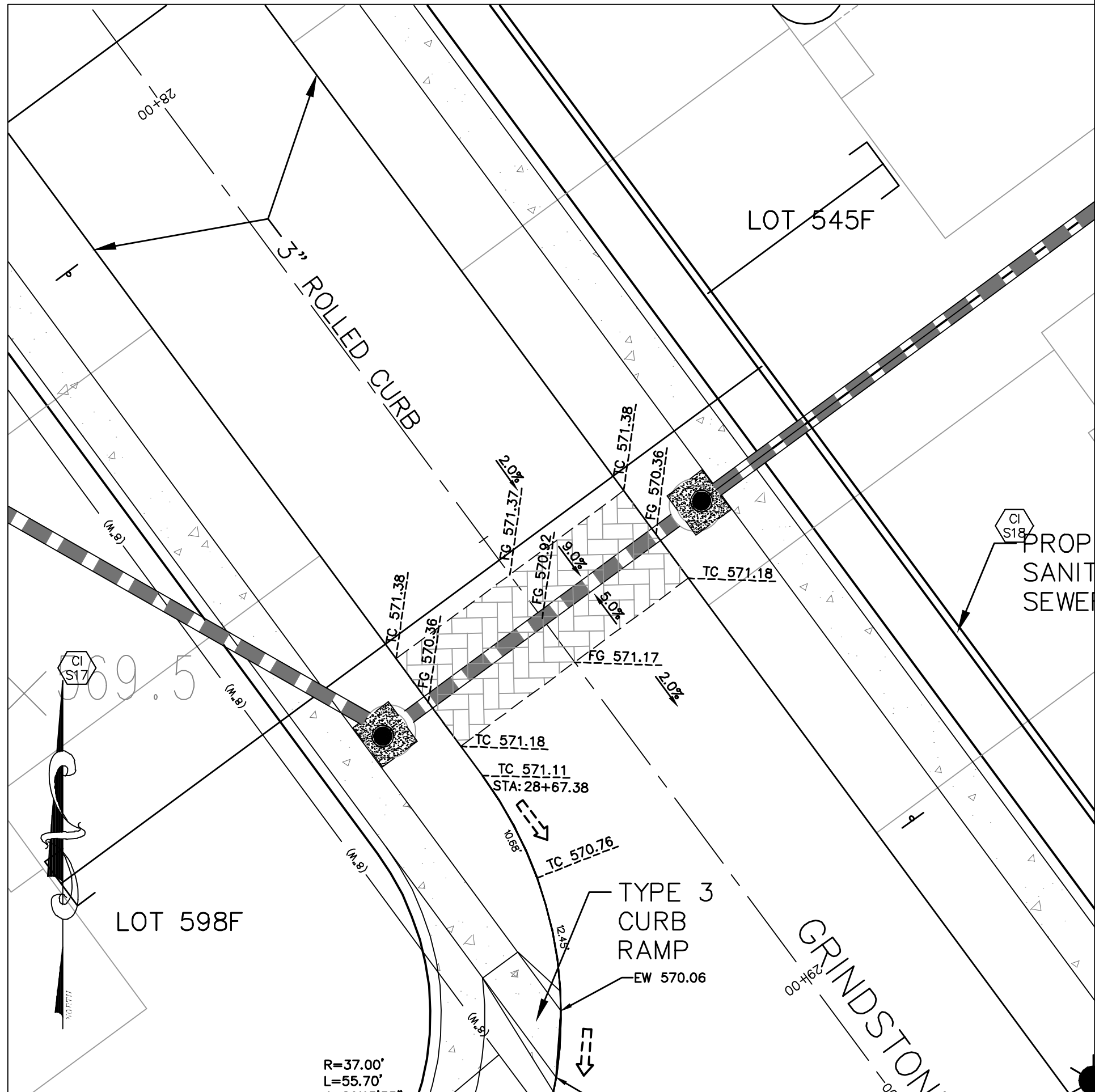
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POND PATH COURT
SCALE: 1"=20'



BUBBLE DETAIL
POND PATH DRIVE
SCALE: 1"=20'

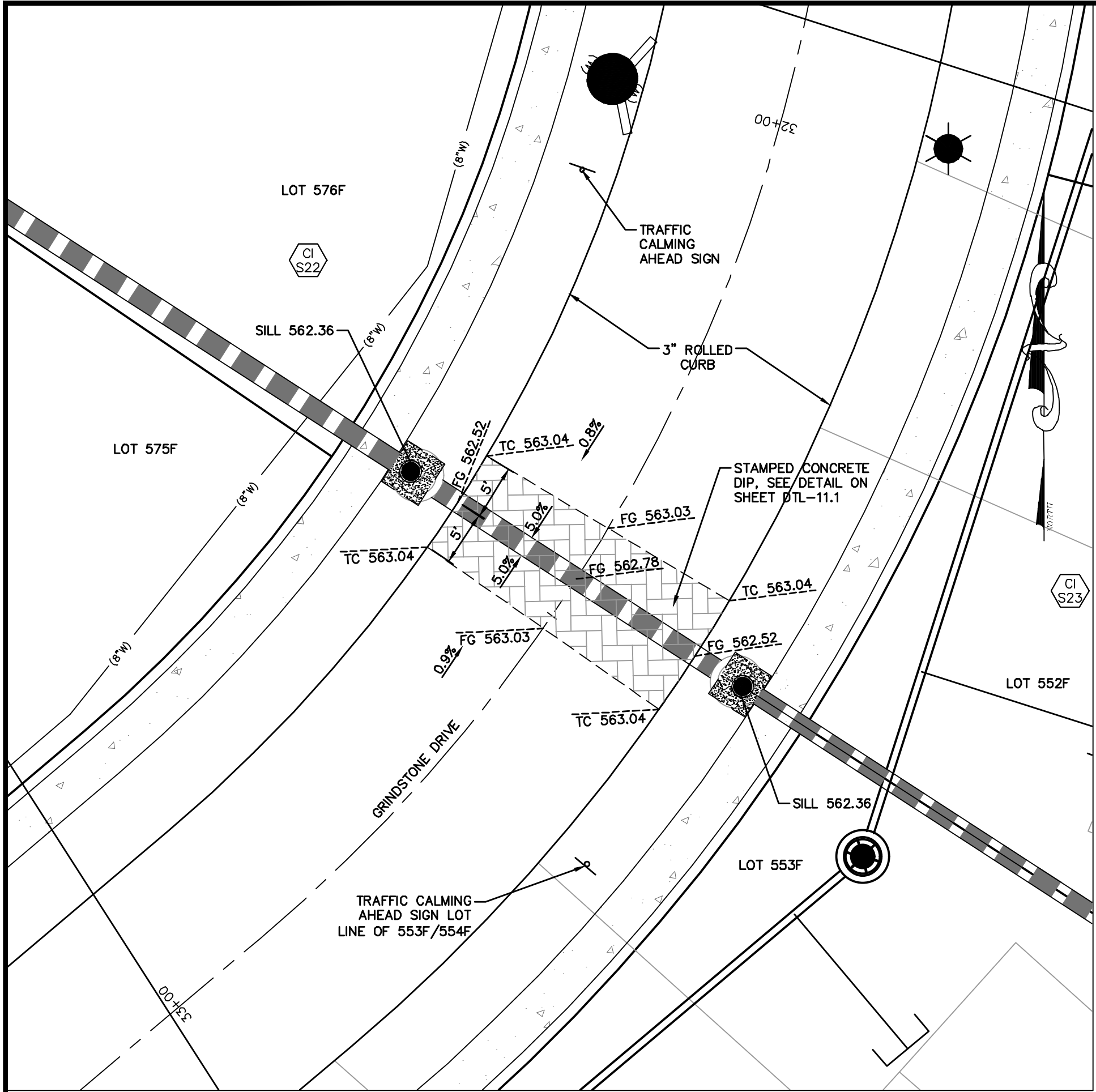


GRINDSTONE DRIVE
TRAFFIC CALMING DIP @ CI Q16-DCI Q17
SCALE: 1"=10'

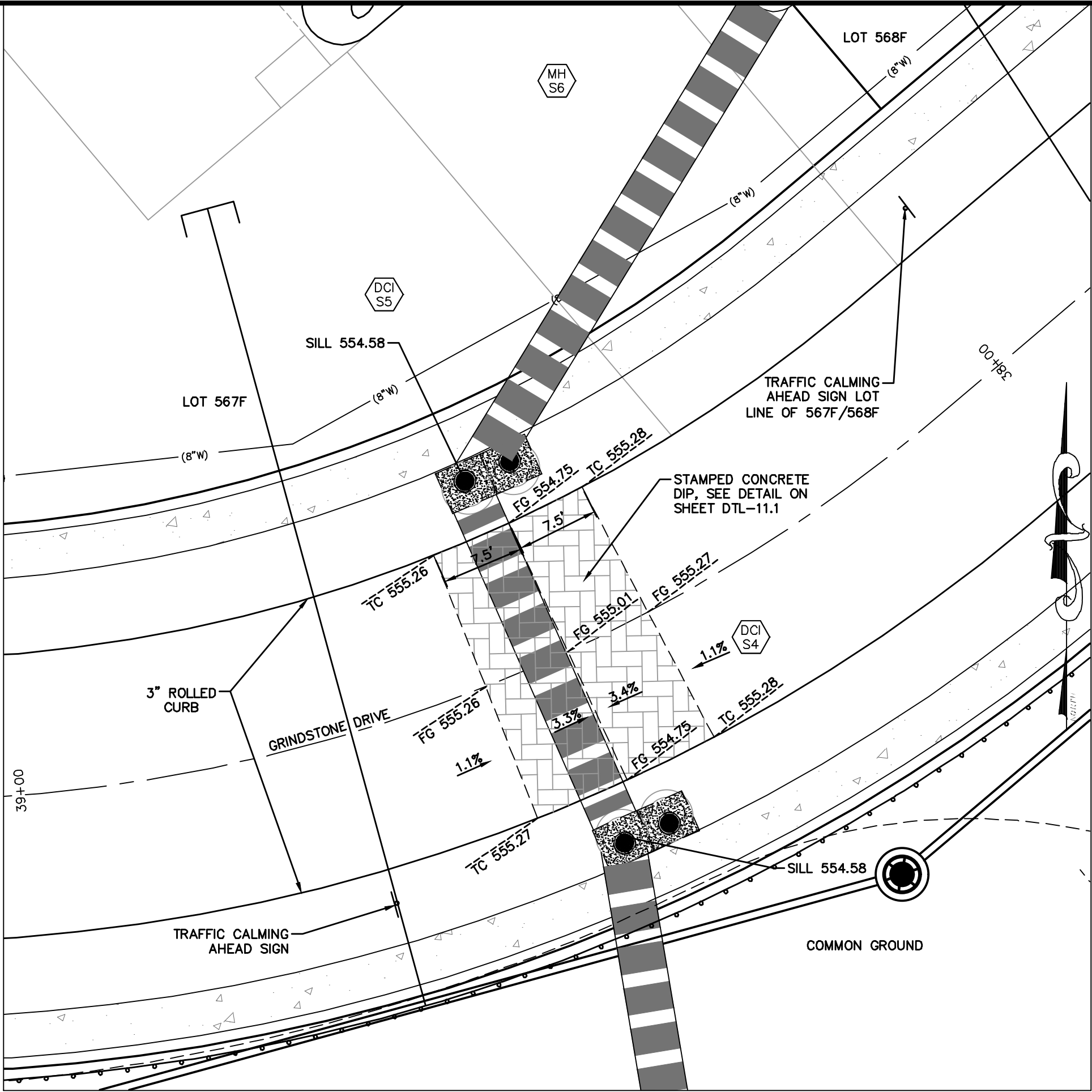


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TRAFFIC CALMING DIP @ CI S17-CI S18
SCALE: 1"=10'

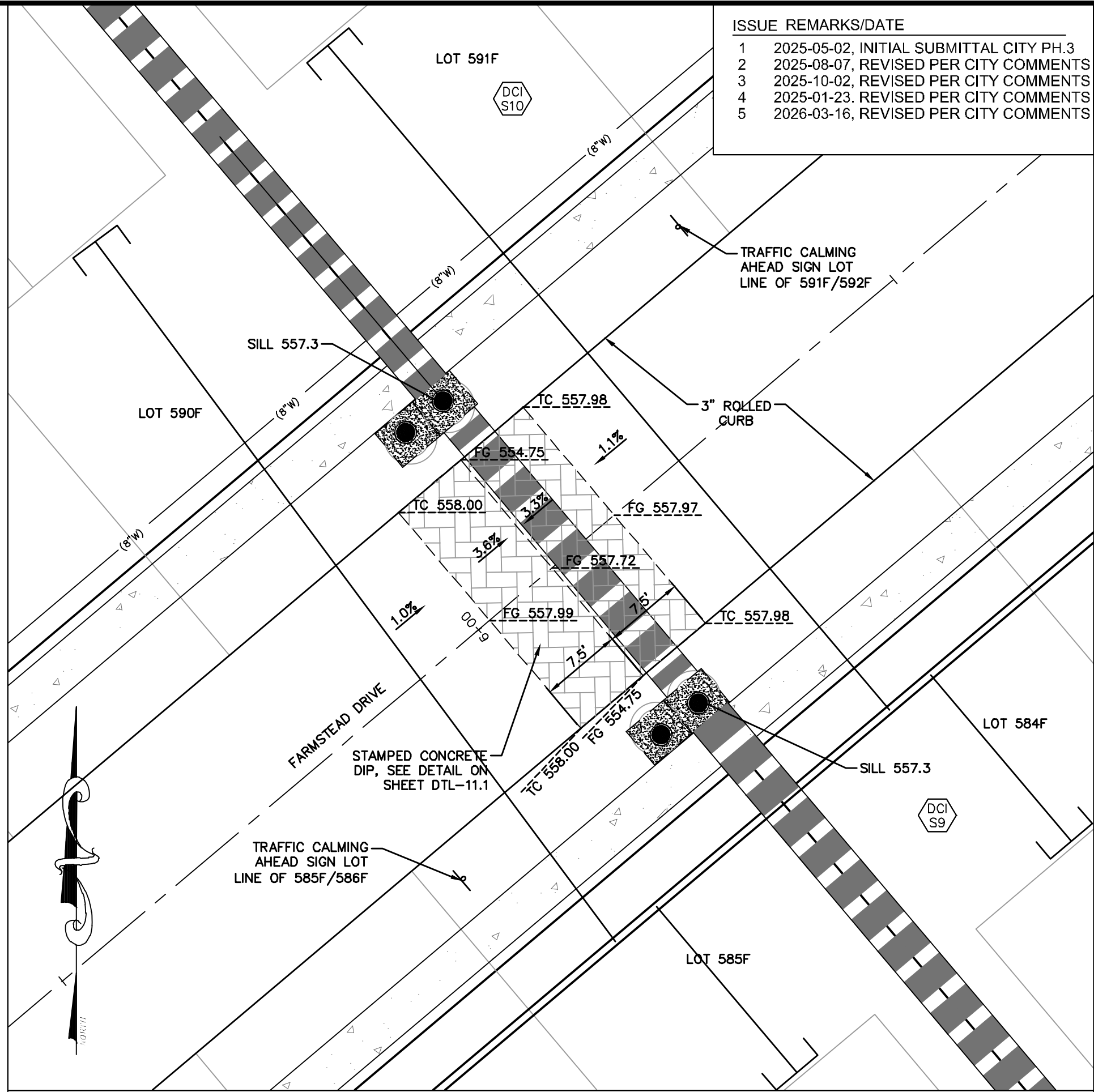
PROJECT TITLE HARVEST AT HOPEWELL O'Fallon, Missouri O'FALLON PHASE 3	
THE STERLING CO. ENGINEERS & SURVEYORS 5055 New Baumgartner Road St. Louis, Missouri 63129 Ph 314-487-0440 Fax 314-487-8944 www.sterling-eng-survey.com Corporate Certificate of Authority #001348	
 Date: 03-16-2026 Michael G. Boerding License No. MO E-28643 Professional Engineer	
HARVEST HOPEWELL, LLC 5091 New Baumgartner Road St. Louis, Missouri 63129	
P+Z No. 21-004994 City No. 21-011444 Date: 03-16-2026 Job No. 20-09-327 Page No.	WARPING DETAILS
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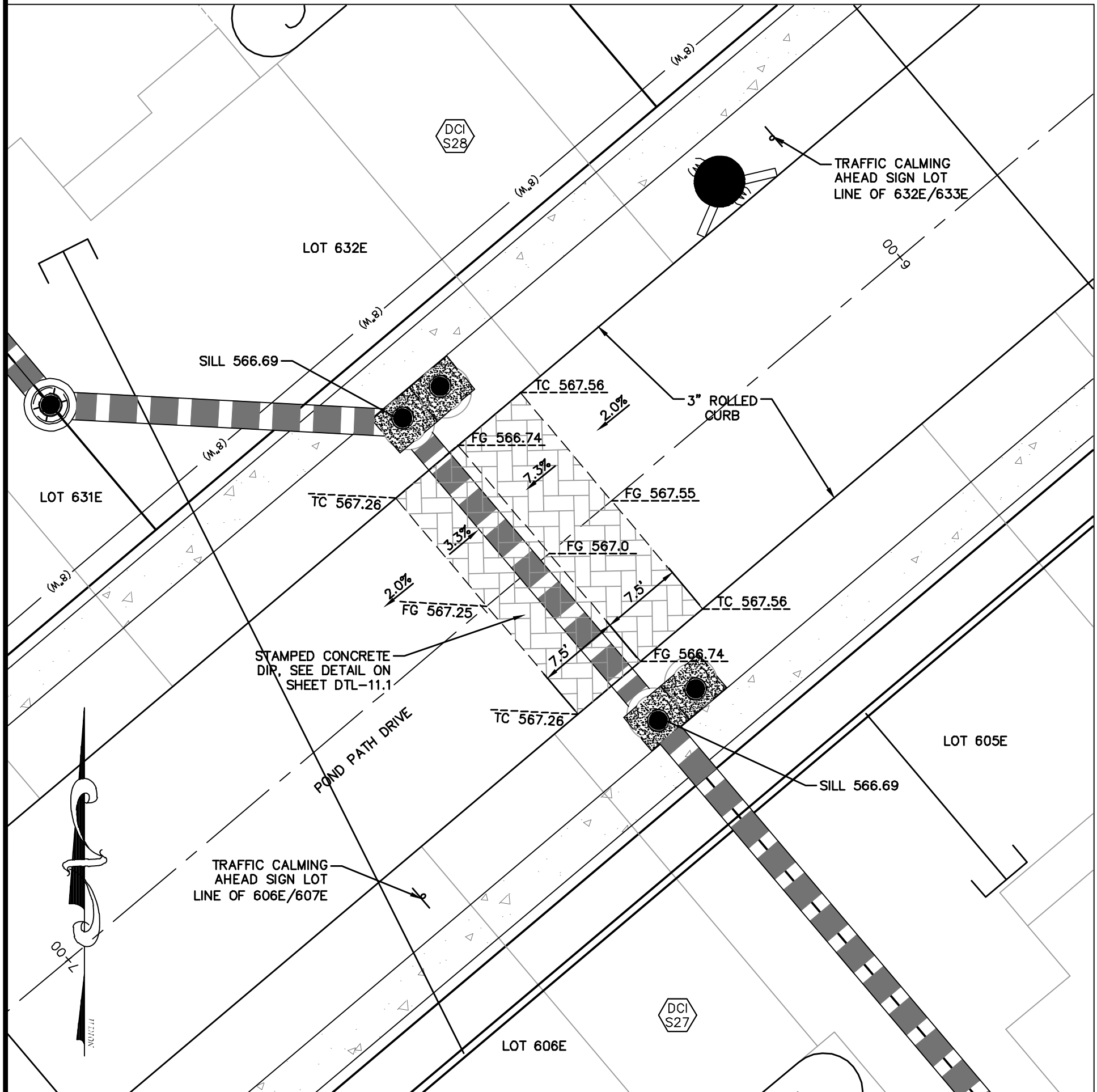
GRINDSTONE DRIVE
TRAFFIC CALMING DIP @ CI S22-CI S23
SCALE: 1"=10'



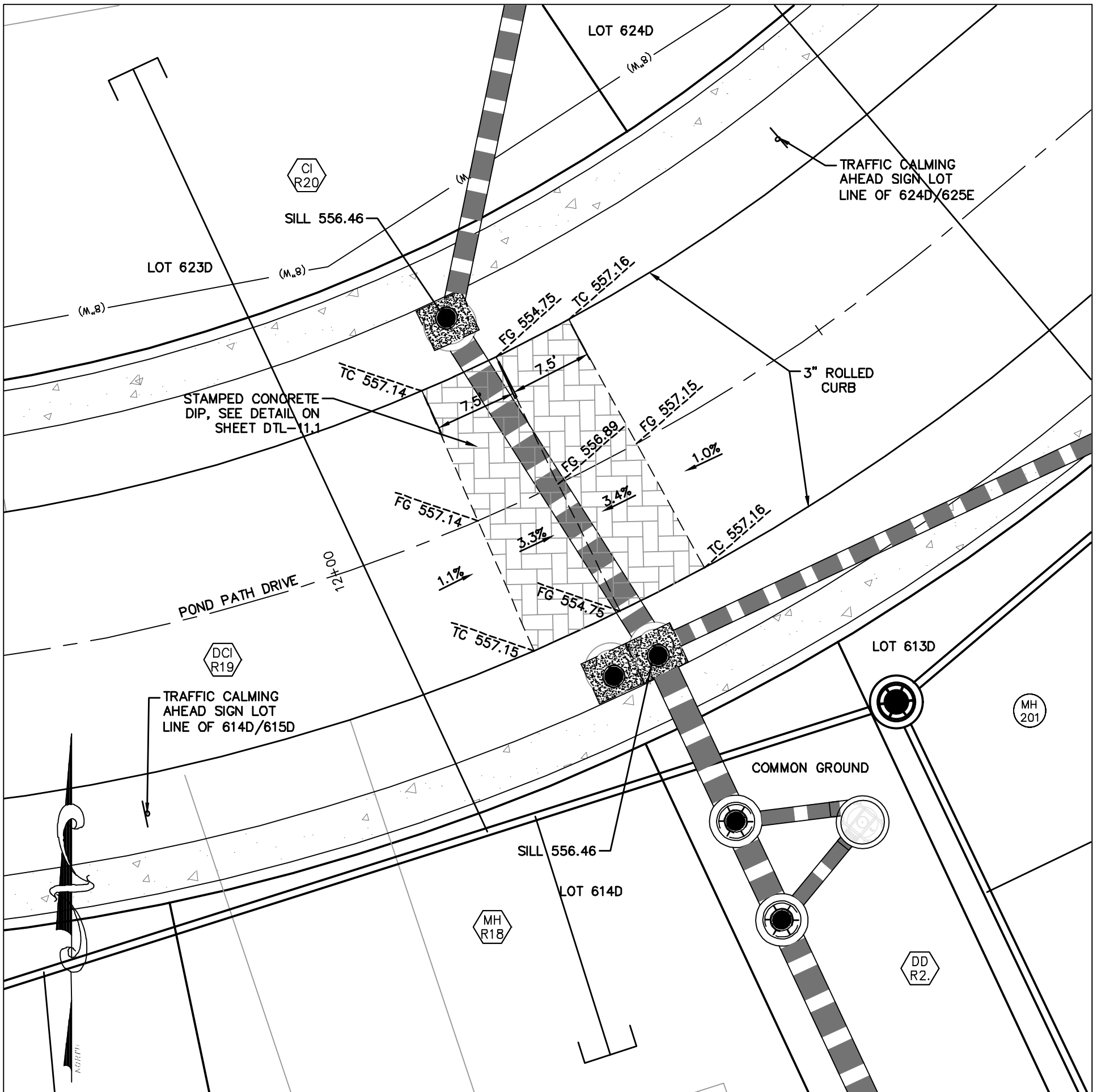
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TRAFFIC CALMING DIP @ DCI S4-DCI S5
SCALE: 1"=10'



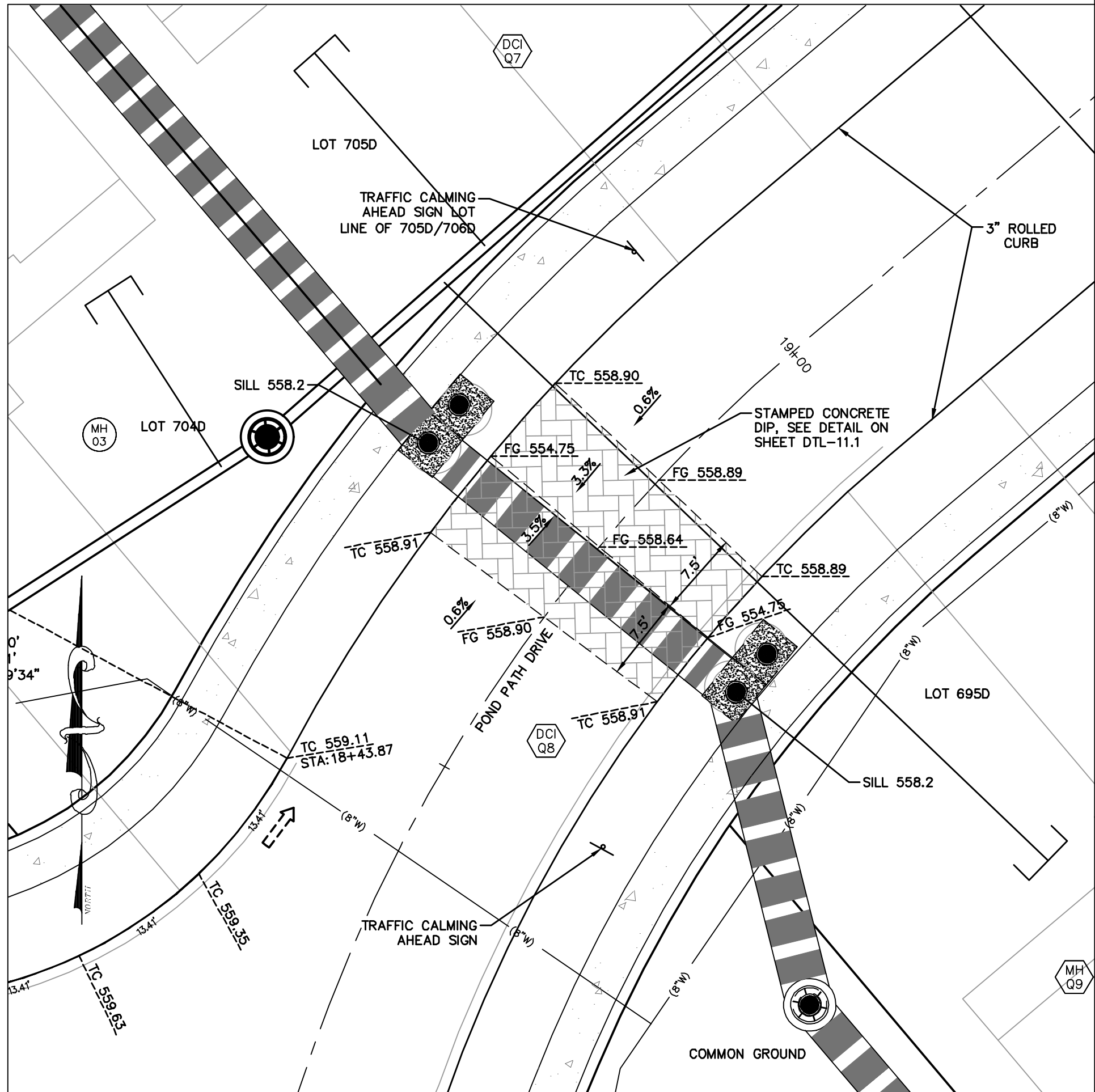
FARMSTEAD DRIVE
TRAFFIC CALMING DIP @ DCI S9-DCI S10
SCALE: 1"=10'



POND PATH DRIVE
TRAFFIC CALMING DIP @ DCI S27-DCI S28
SCALE: 1"=10'



POND PATH DRIVE
TRAFFIC CALMING DIP @ DCI R19-CI R20
SCALE: 1"=10'



POND PATH DRIVE
TRAFFIC CALMING DIP @ DCI Q7-DCI Q8
SCALE: 1"=10'

PROJECT TITLE

**HARVEST
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O'Fallon, Missouri

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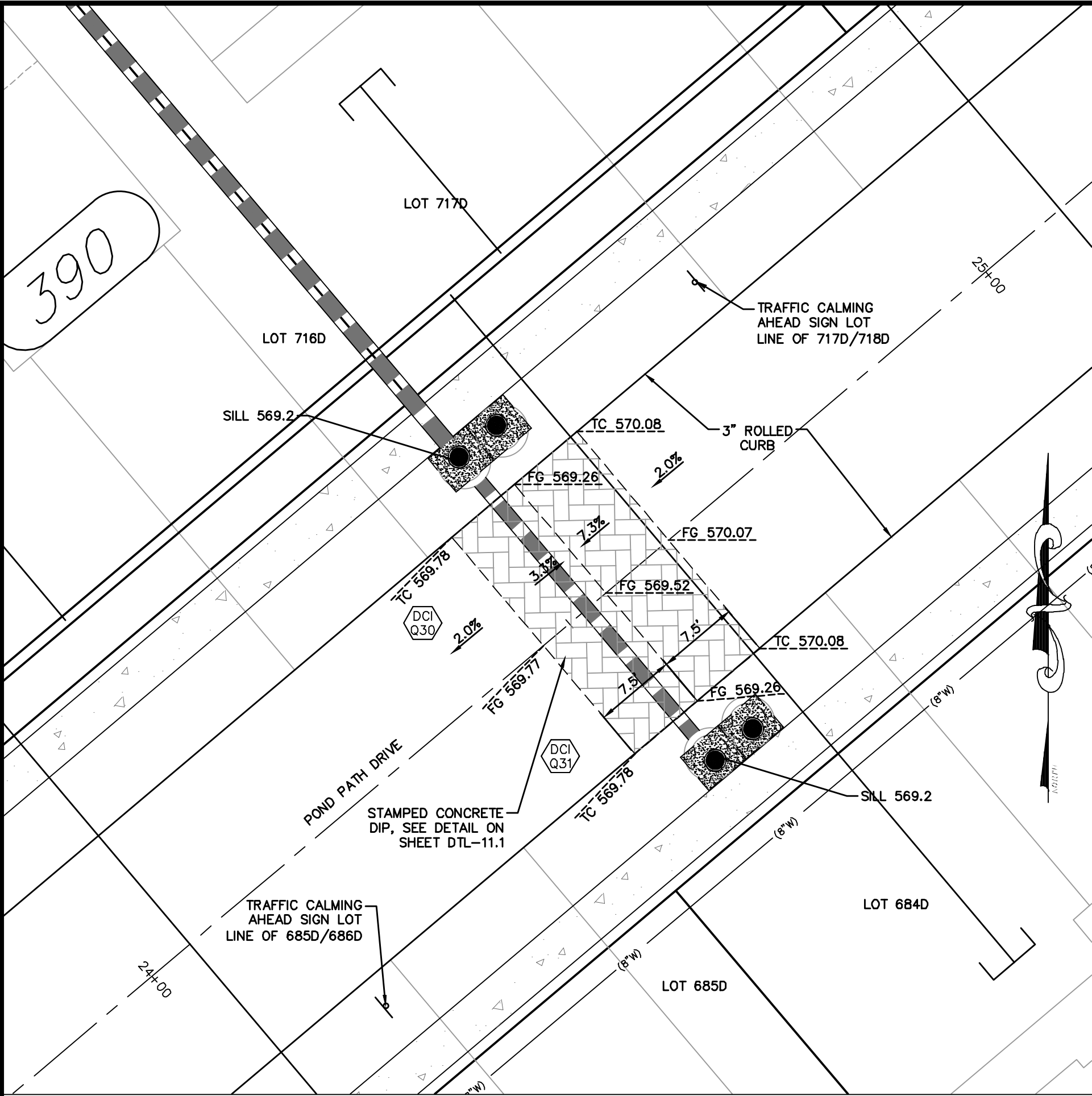
Date: 03-16-2026
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WARPING DETAILS

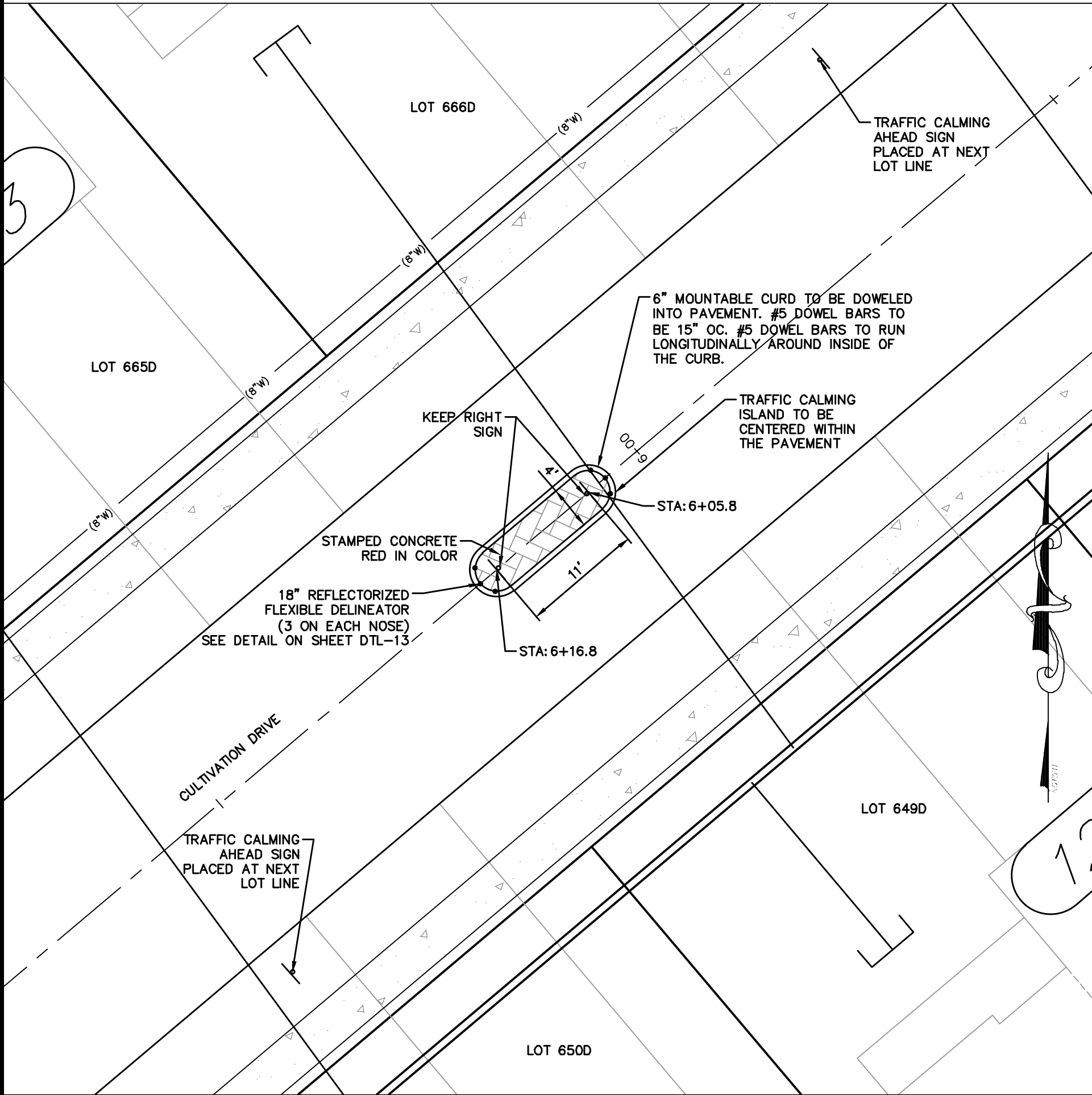
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Page No.

10.4
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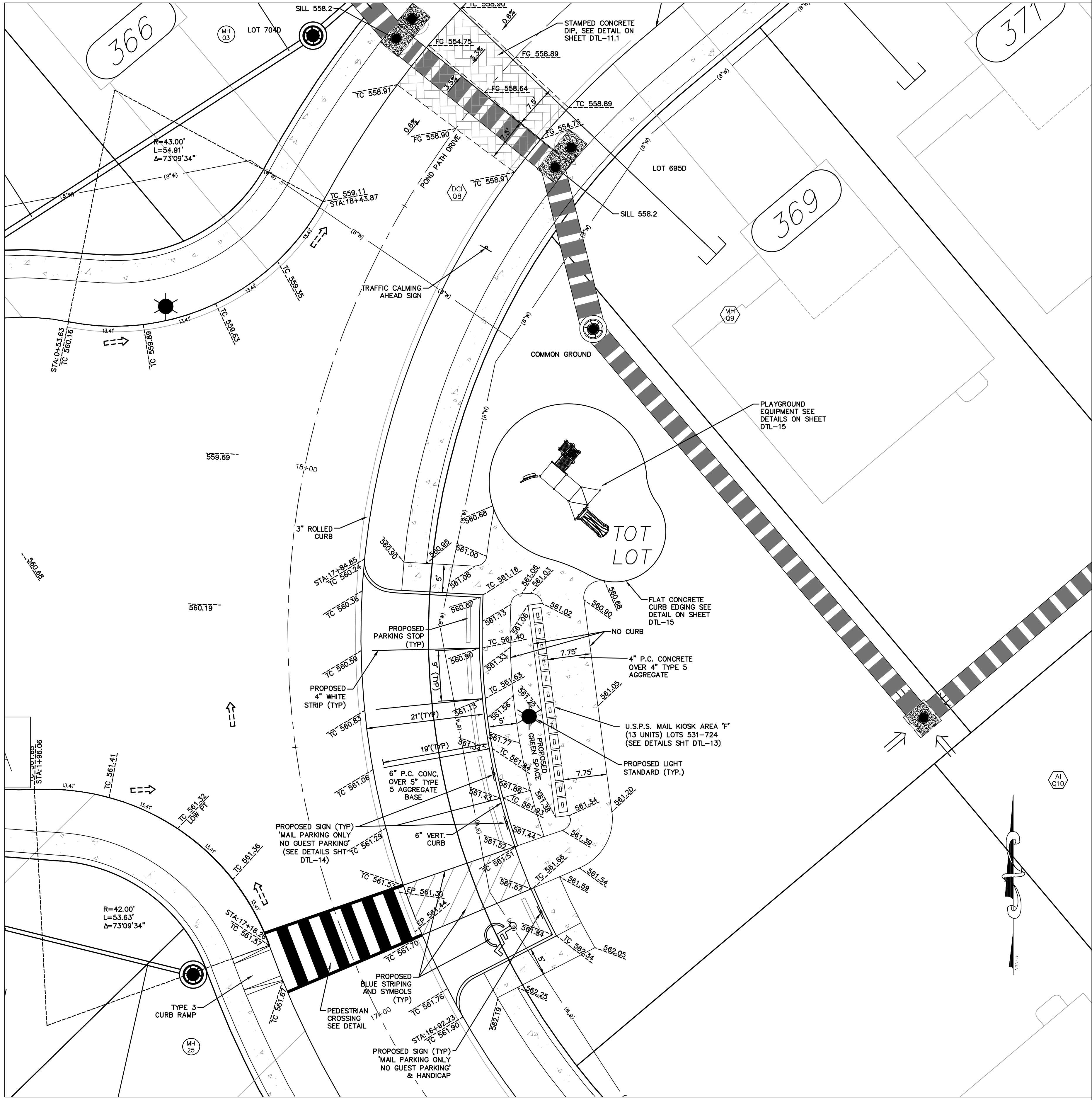
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POND PATH DRIVE
TRAFFIC CALMING DIP @ DCI Q30-DCI Q31
SCALE: 1"=10'



CULTIVATION DRIVE
TRAFFIC CALMING ISLAND
SCALE: 1"=10'



AMENITY AREA DETAIL
SCALE: 1"=10'

ISSUE REMARKS/DATE	
1	2025-05-02, INITIAL SUBMITTAL CITY PH.3
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5091 New Baumgartner Road
St. Louis, Missouri 63129

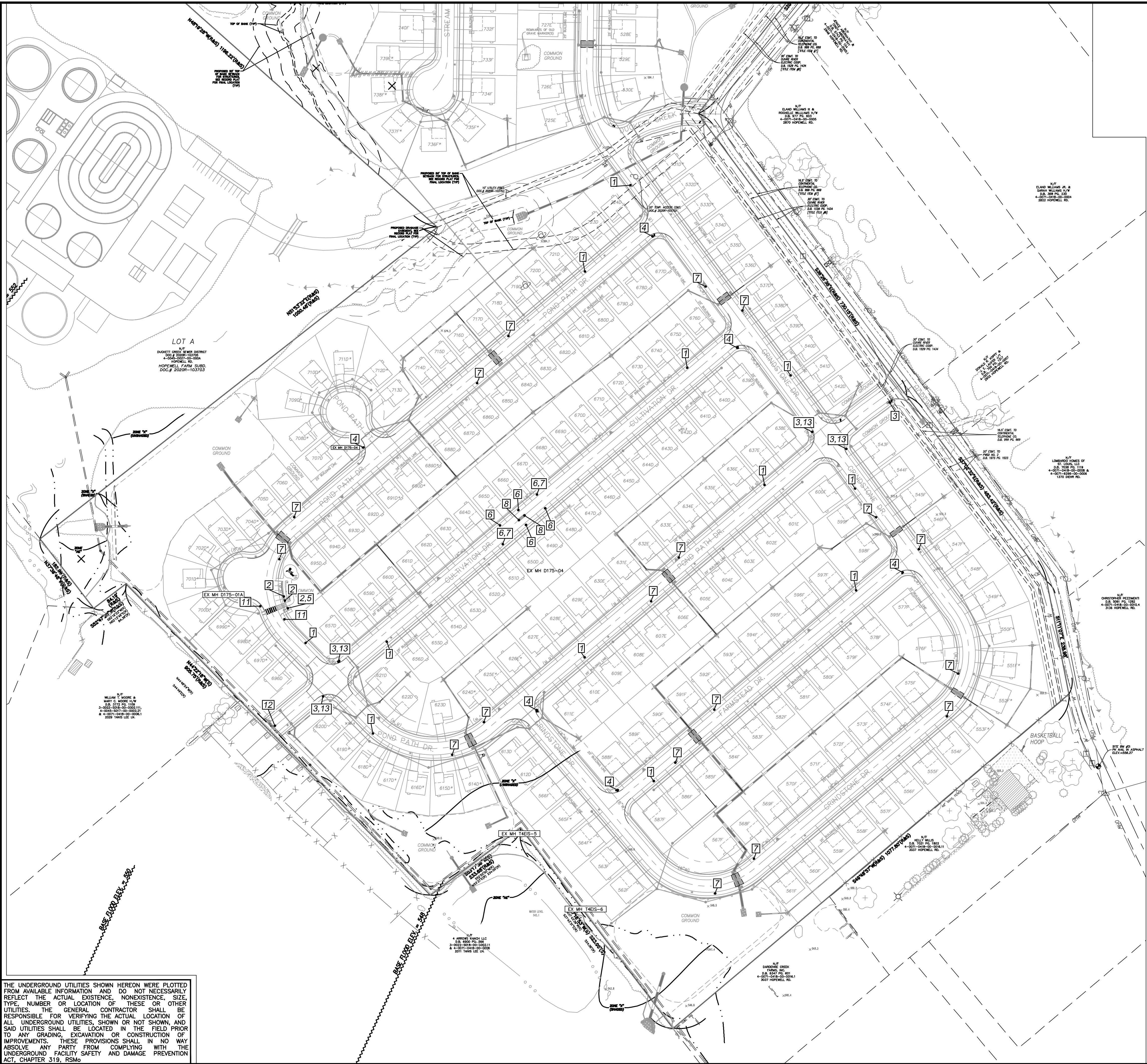
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P+Z No. 21-004994
City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327

Page No.

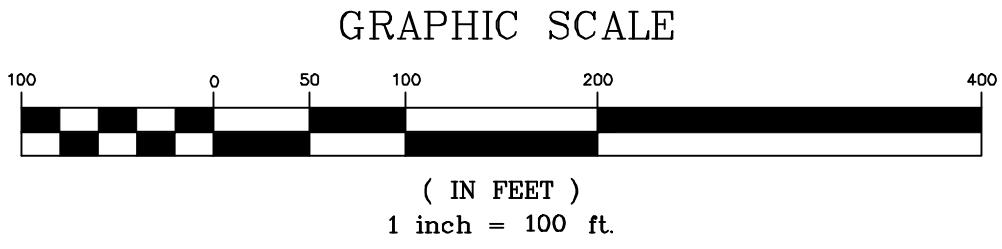
10.5

IMP



THE UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM AVAILABLE INFORMATION AND DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, SIZE, TYPE, NUMBER OR LOCATION OF THESE OR OTHER UTILITIES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, AND SAID UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319, RSMo.

ISSUE REMARKS/DATE	
1	2025-05-02, INITIAL SUBMITTAL CITY PH.3
2	2025-08-07, REVISED PER CITY COMMENTS
3	2025-10-02, REVISED PER CITY COMMENTS
4	2025-01-23, REVISED PER CITY COMMENTS
5	2026-03-16, REVISED PER CITY COMMENTS



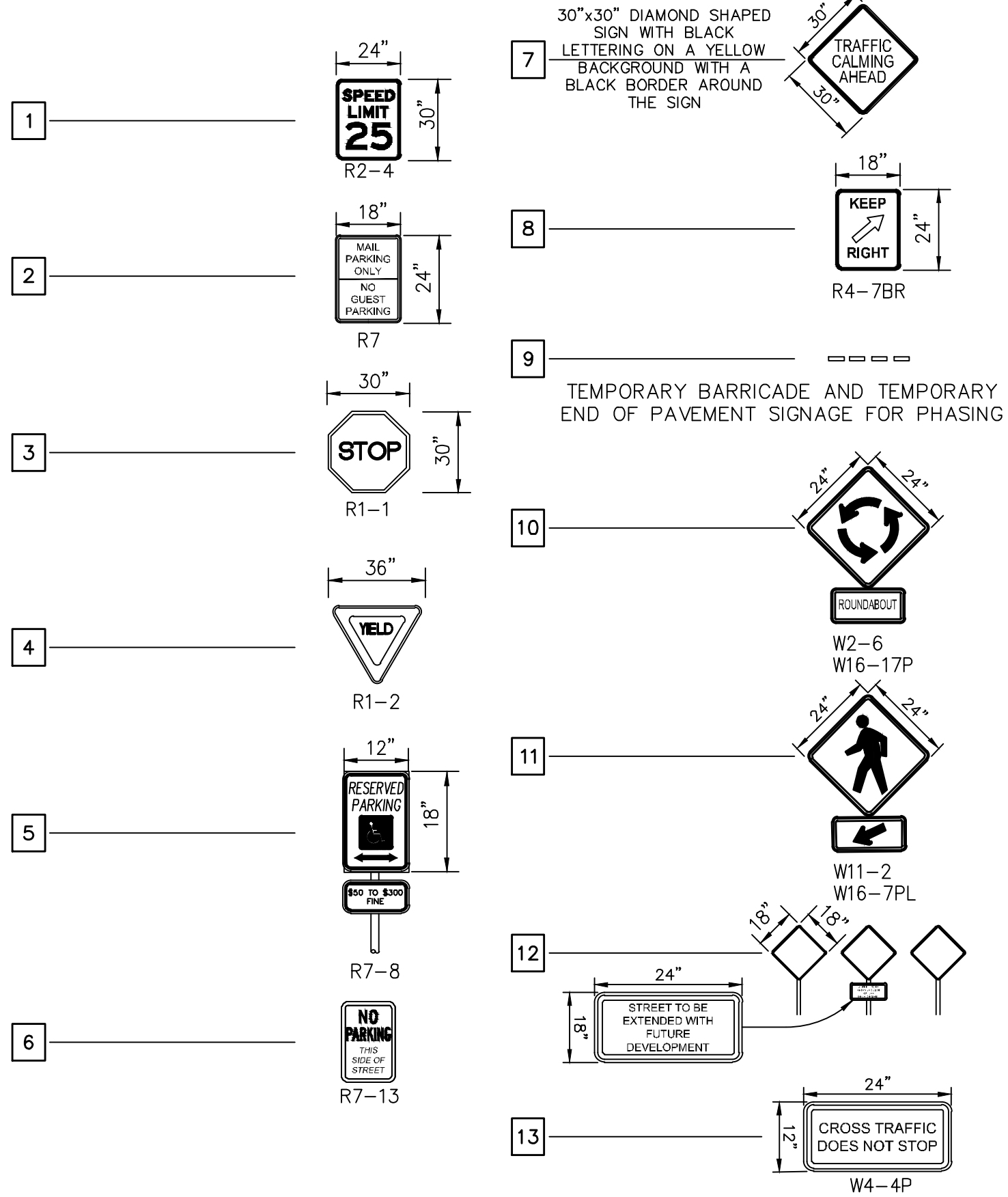
TEMPORARY END OF PAVEMENT SIGNAGE.

TEMPORARY END OF PAVEMENT SIGNAGE SHALL BE USED IN ALL LOCATIONS WHERE PAVEMENT ENDS DUE TO CONSTRUCTION PHASING.

ALL STREET NAME SIGNS SHALL BE MOUNTED ON THE SAME POLE AS THE STOP AND YIELD SIGNS. ONE SET OF STREET NAME SIGNS IS NEEDED PER INTERSECTION UNLESS STREET CHANGES NAME THRU THE INTERSECTION.

INTERIM CONSTRUCTION TRAFFIC CONTROL

ALL TRAFFIC CONTROL AND DEVICES SHALL BE PER THE 2009 EDITION OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.



PROJECT TITLE

HARVEST
AT HOPEWELL

O'Fallon, Missouri

O'FALLON PHASE 3

THE
STERLING
CO.

ENGINEERS & SURVEYORS

5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8844
www.sterling-eng-surf.com
Corporate Certificate of Authority #001348

STATE OF MISSOURI
Professional Engineer
Michael G. Boering
License No. MO E-28643
Professional Engineer

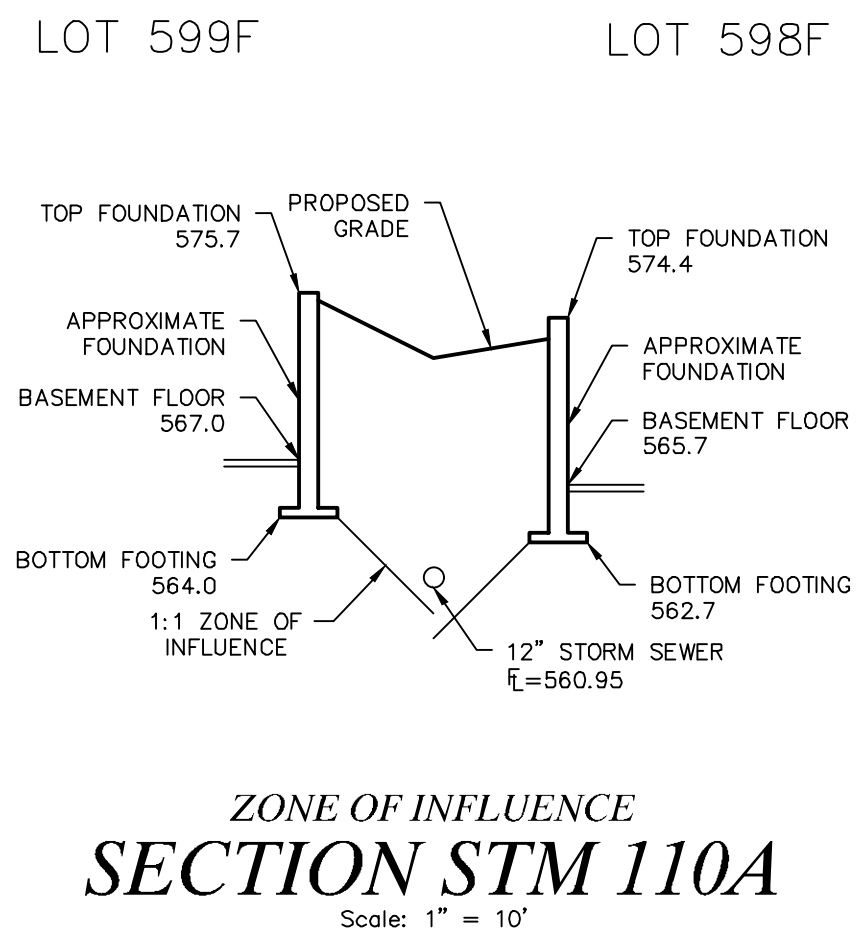
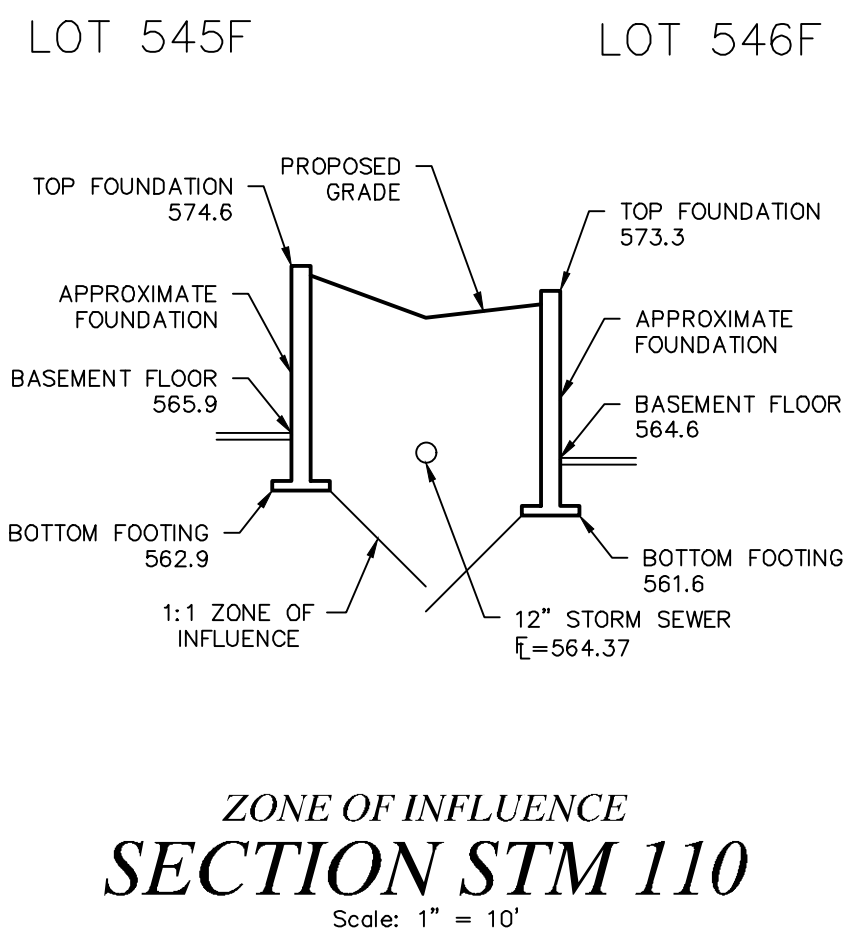
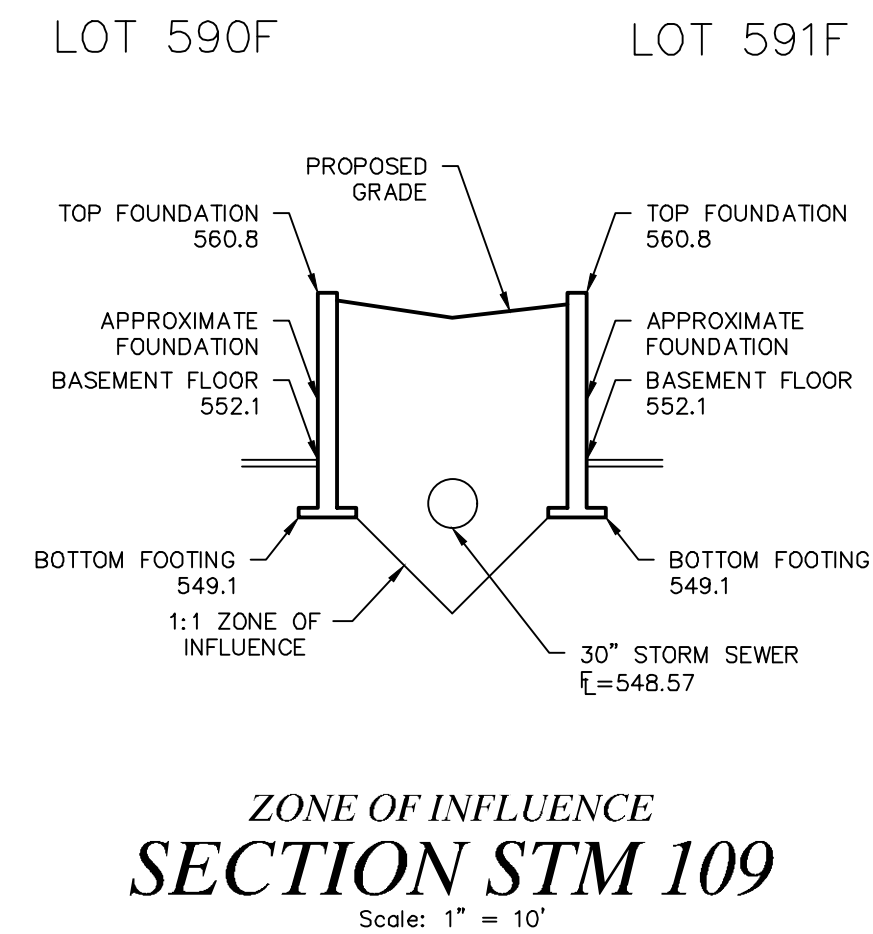
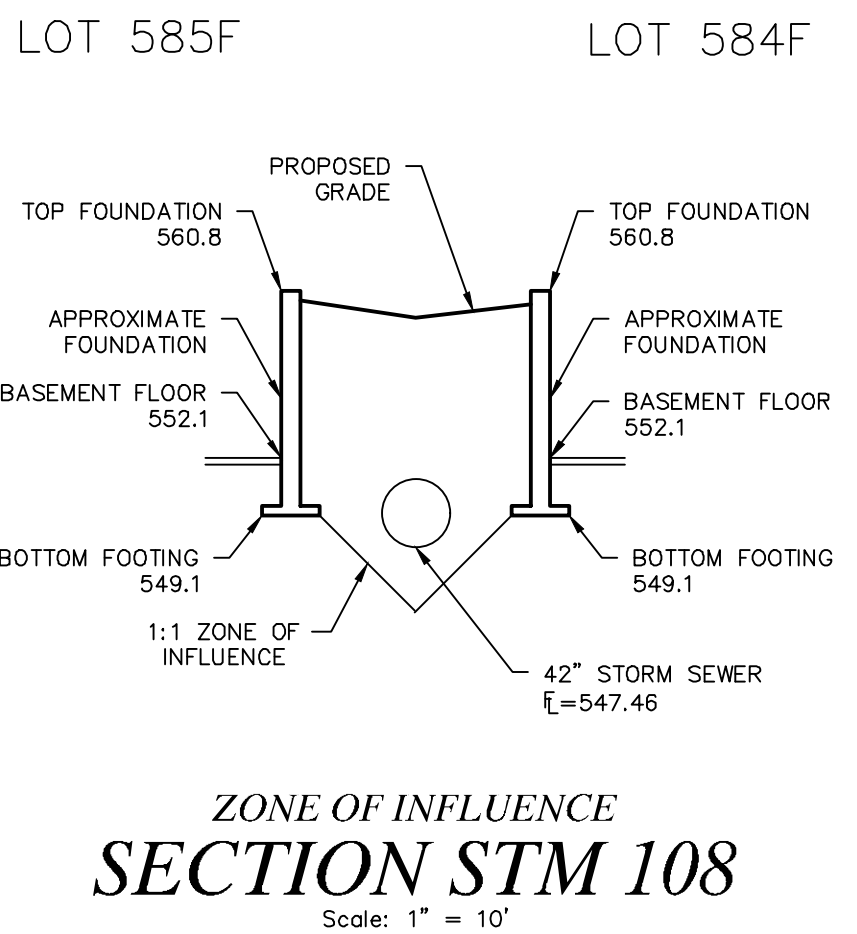
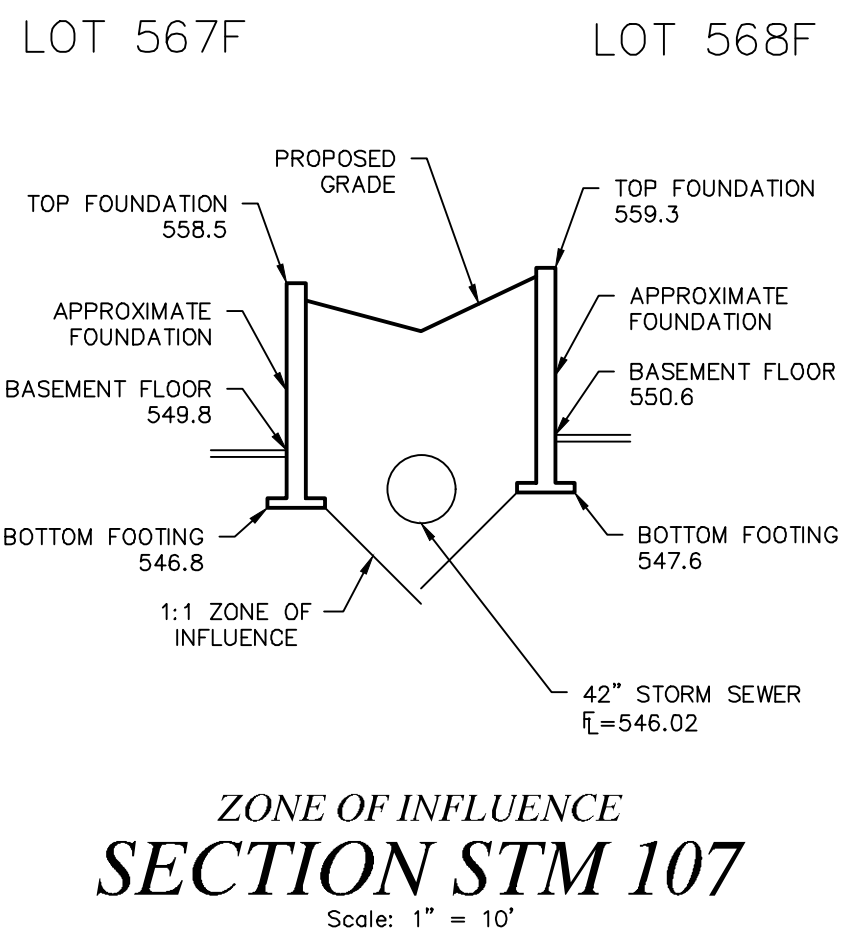
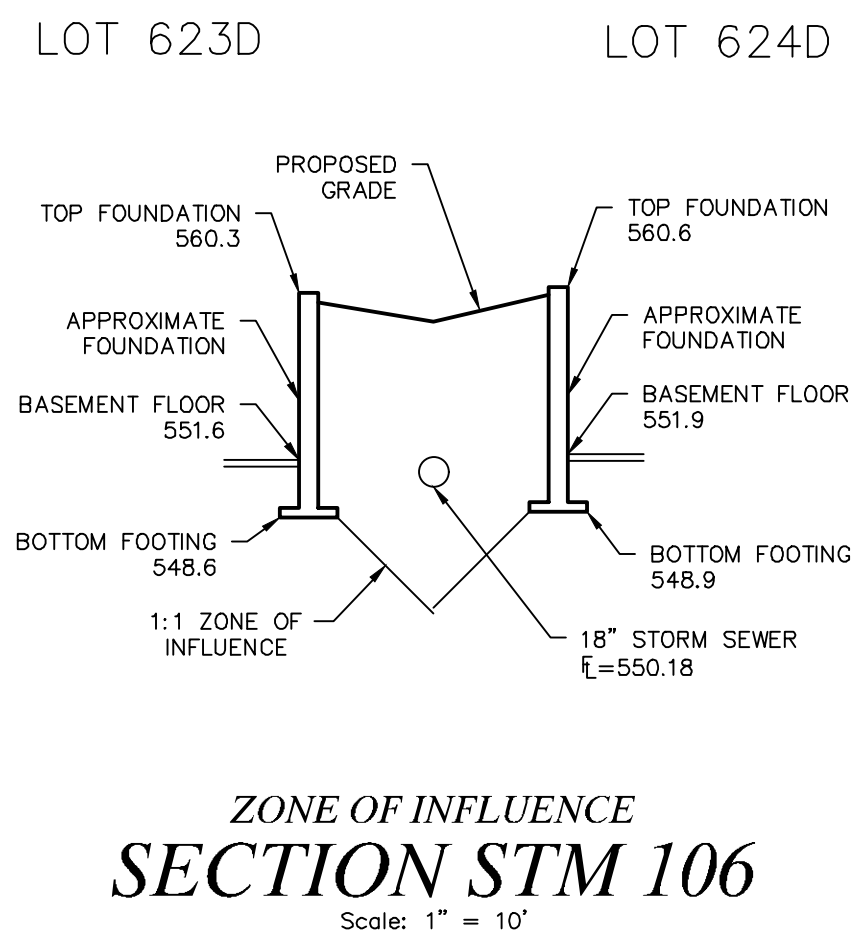
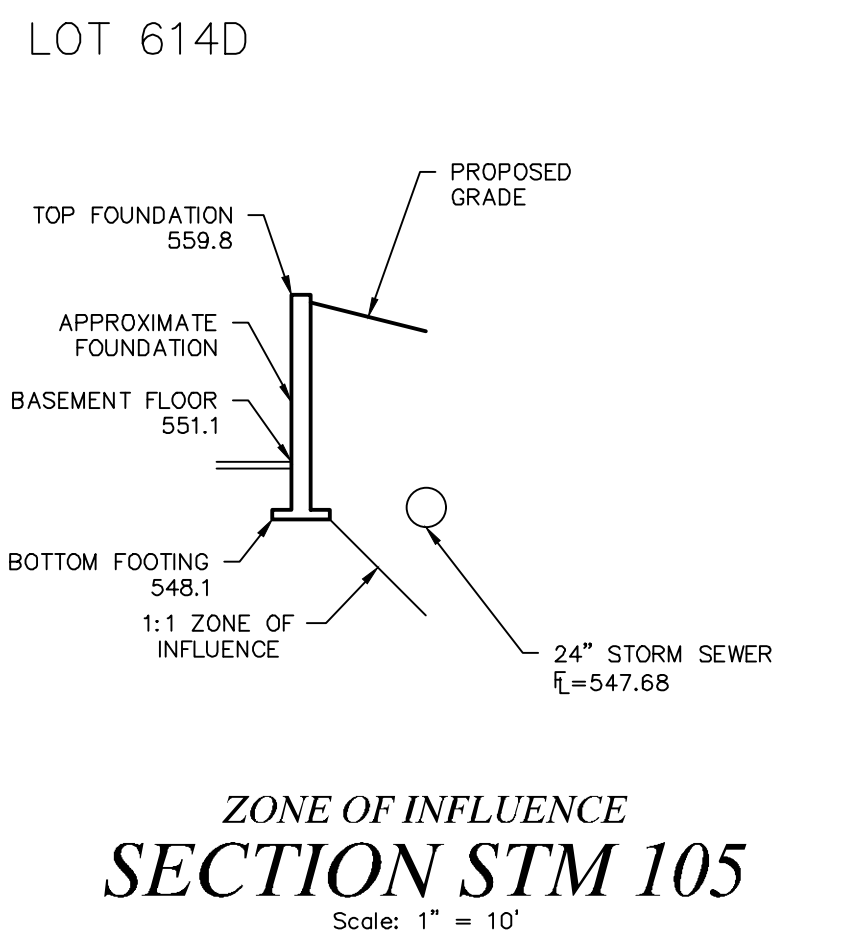
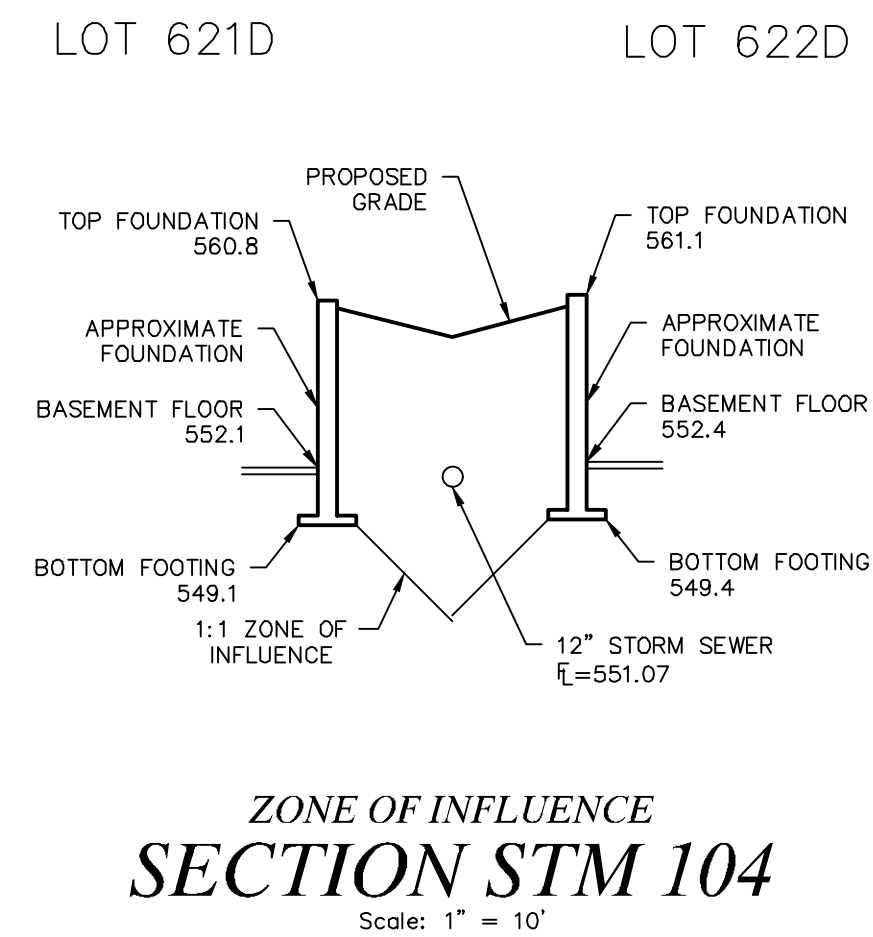
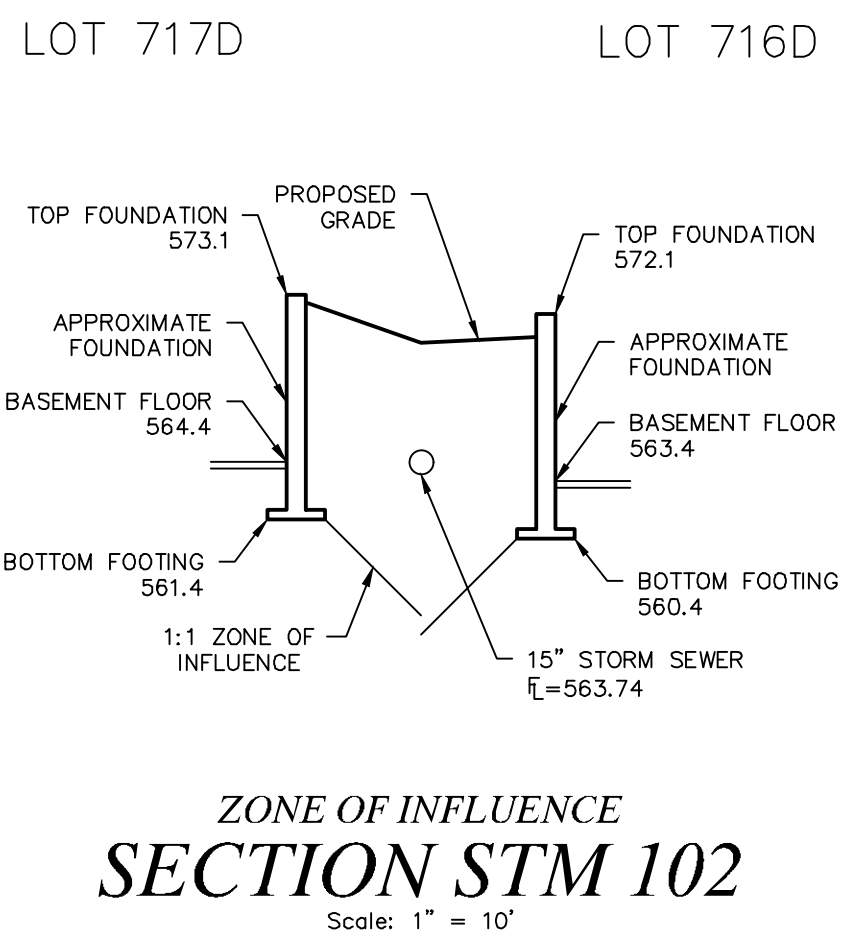
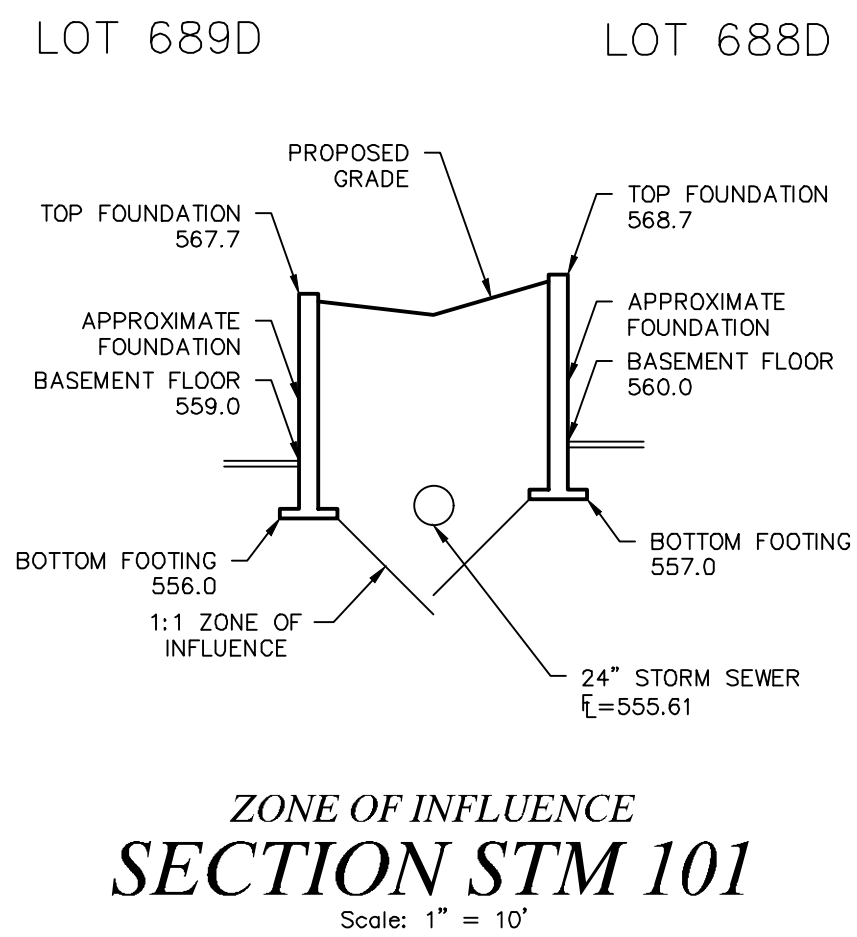
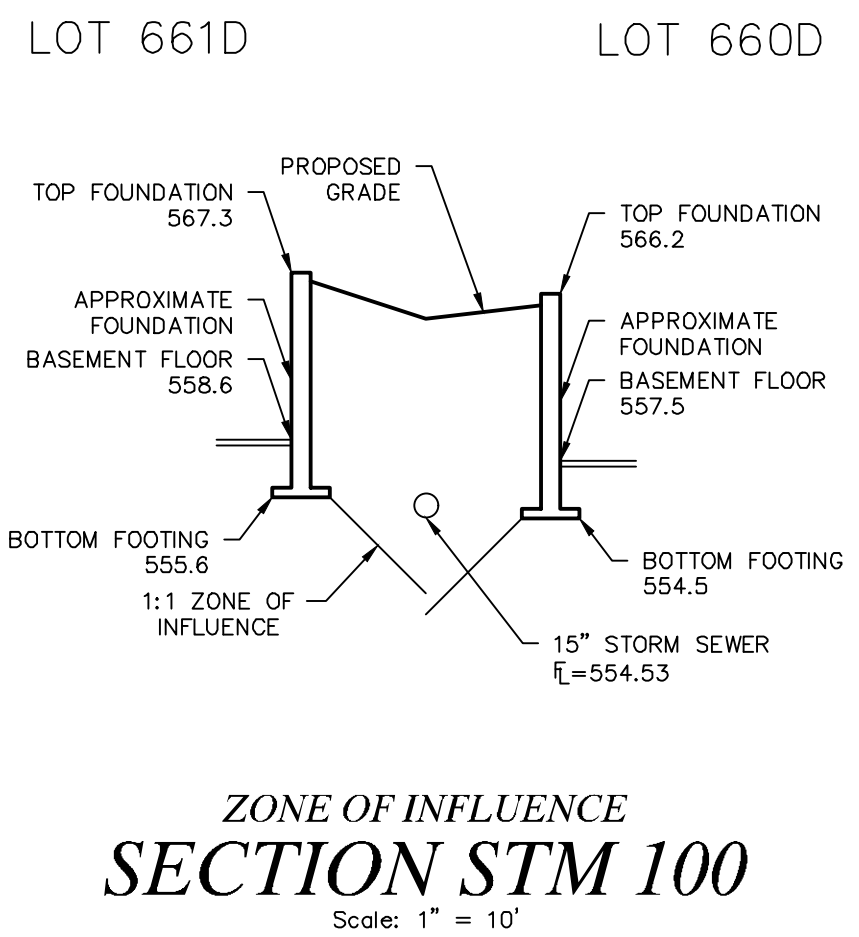
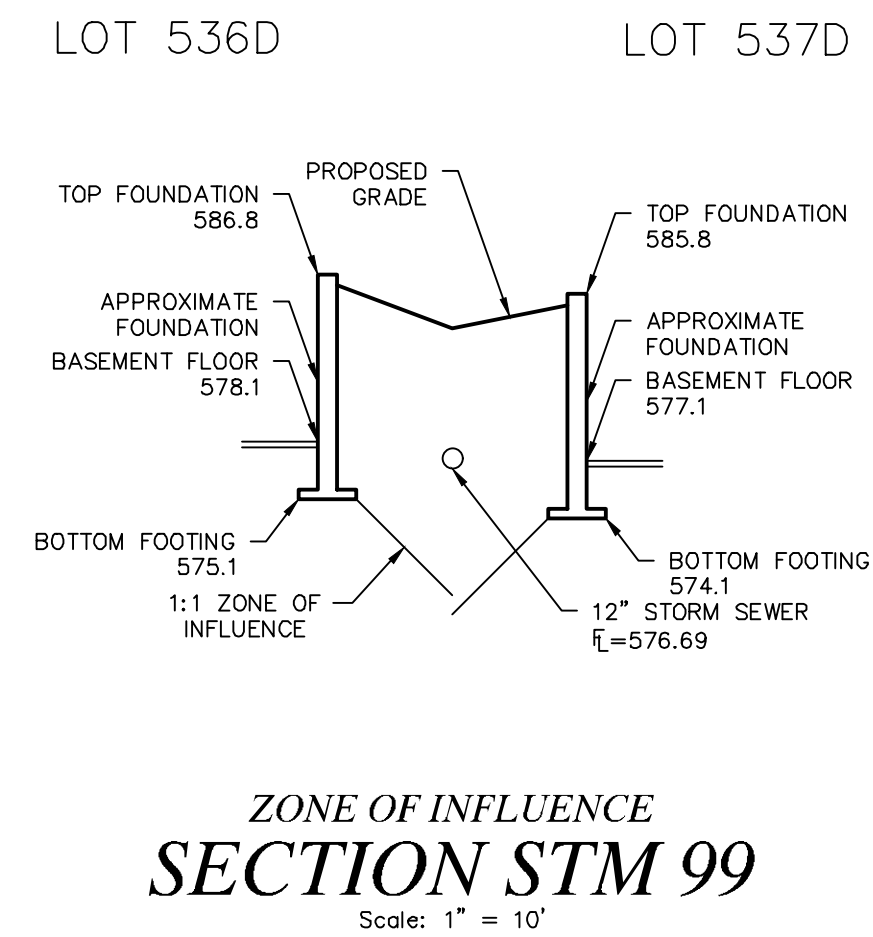
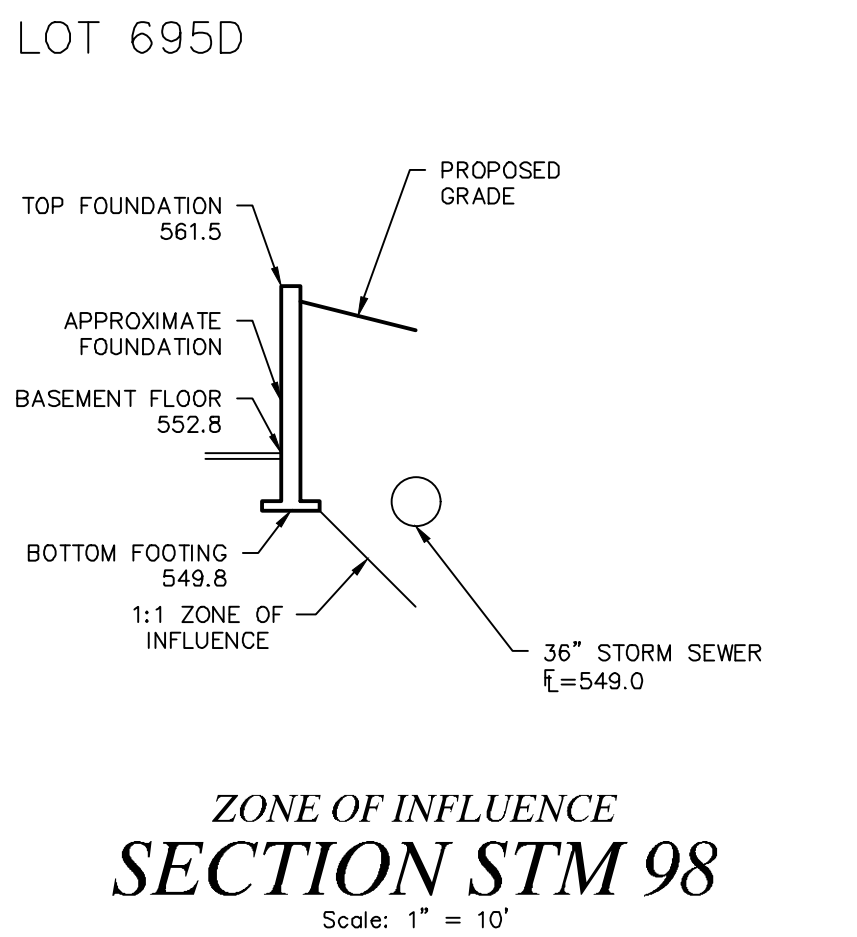
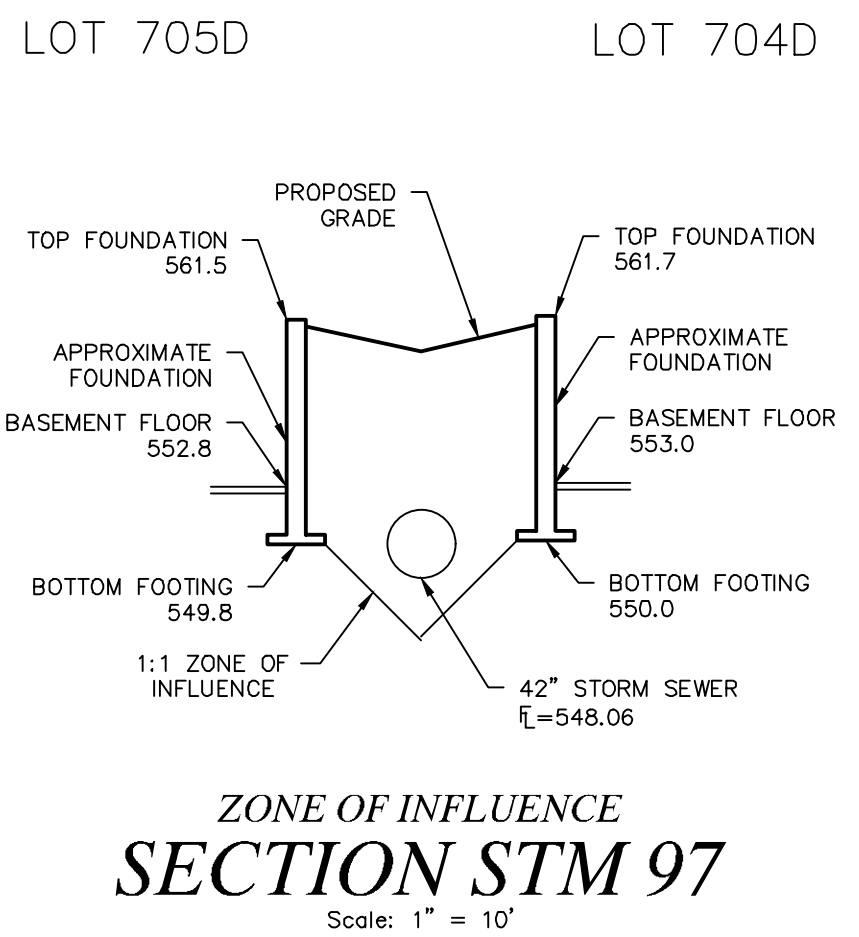
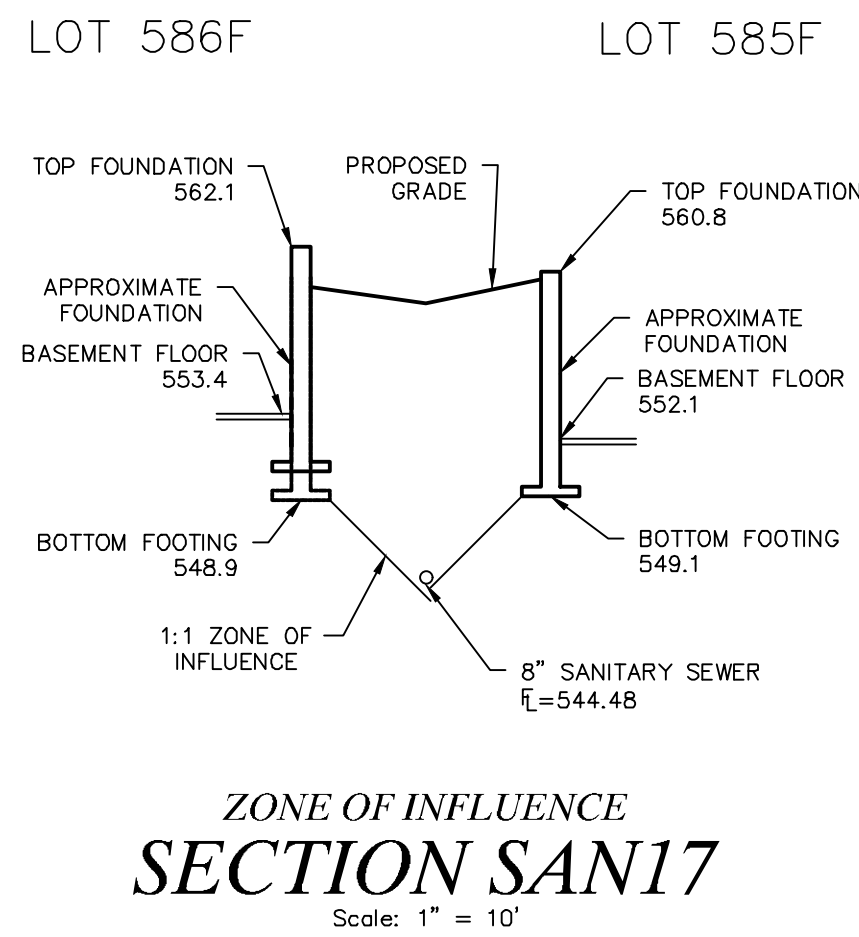
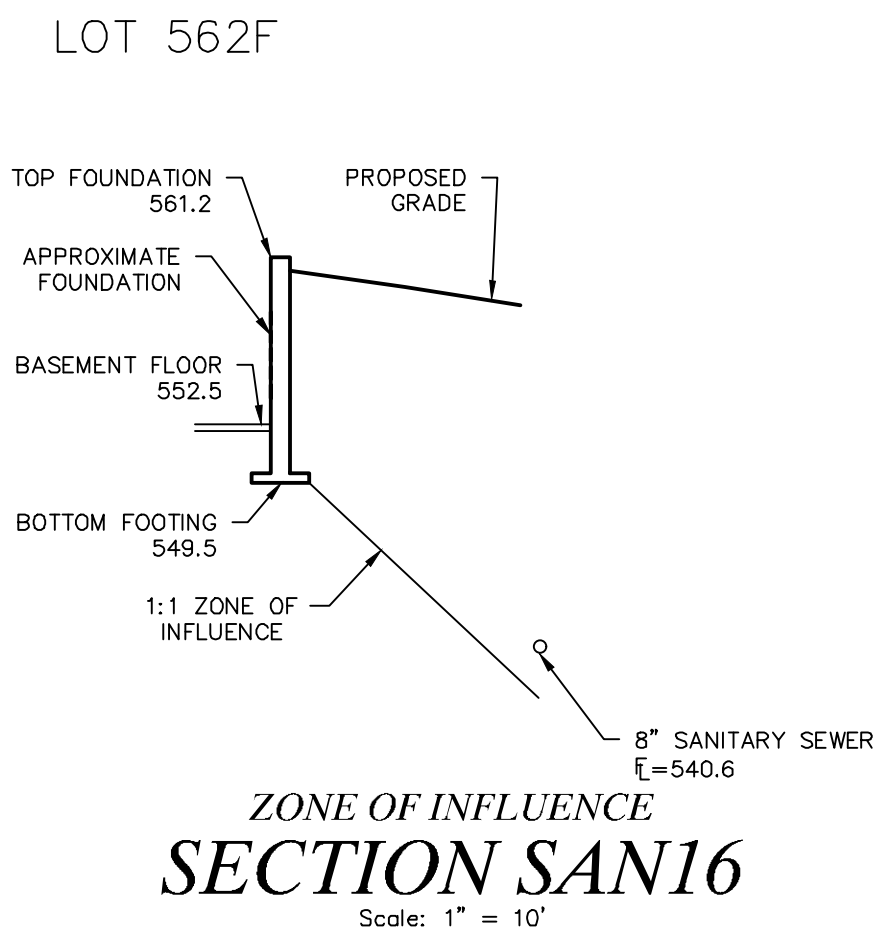
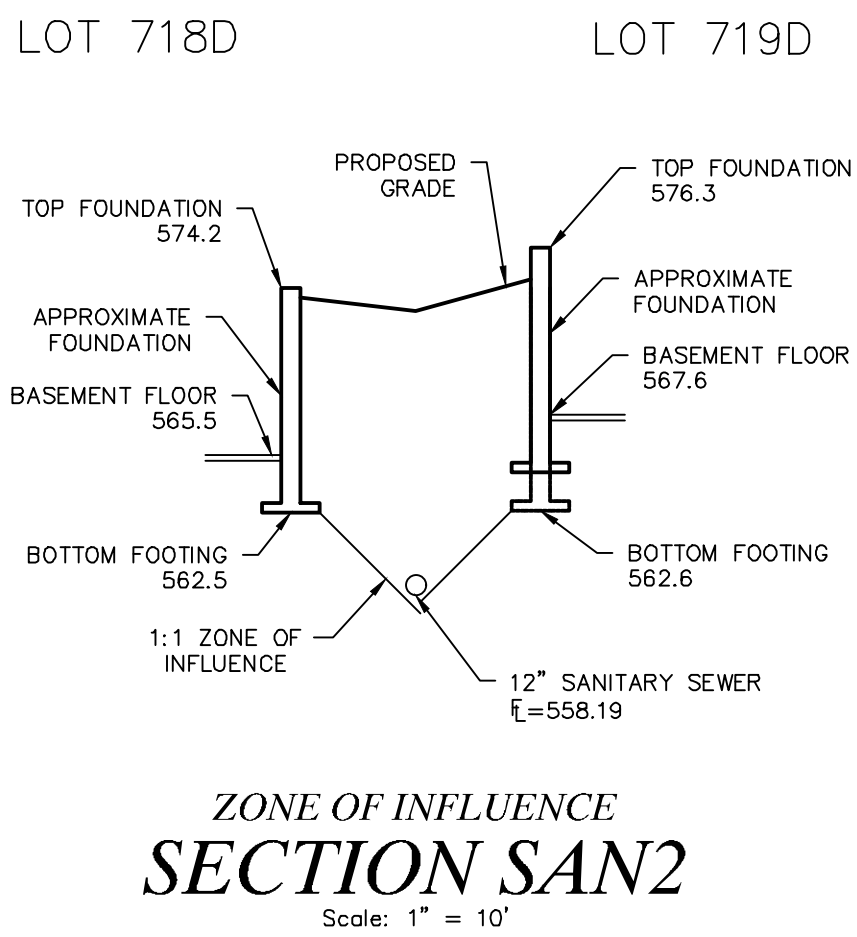
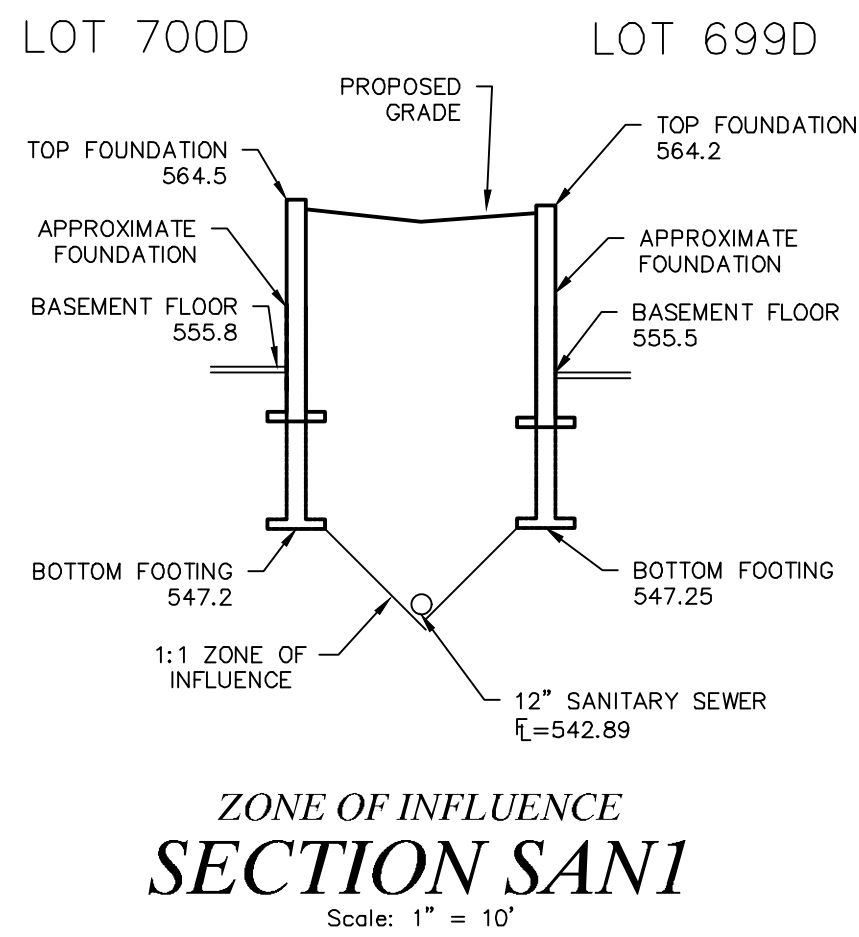
Harvest Hopewell, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

P+Z No. 21-004994
City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327
Page No.

11.1

IMP

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ISSUE	REMARKS/DATE
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2	2025-08-07, REVISED PER CITY COMMENTS
3	2025-10-02, REVISED PER CITY COMMENTS
4	2025-01-23, REVISED PER CITY COMMENTS
5	2026-03-16, REVISED PER CITY COMMENTS

PROJECT TITLE

**HARVEST
AT HOPEWELL**
O'Fallon, Missouri
O'FALLON PHASE 3

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sur.com
Corporate Certificate of Authority #001348



Date: 03-16-2026
Michael G. Boerding
License No. MO E-28643
Professional Engineer

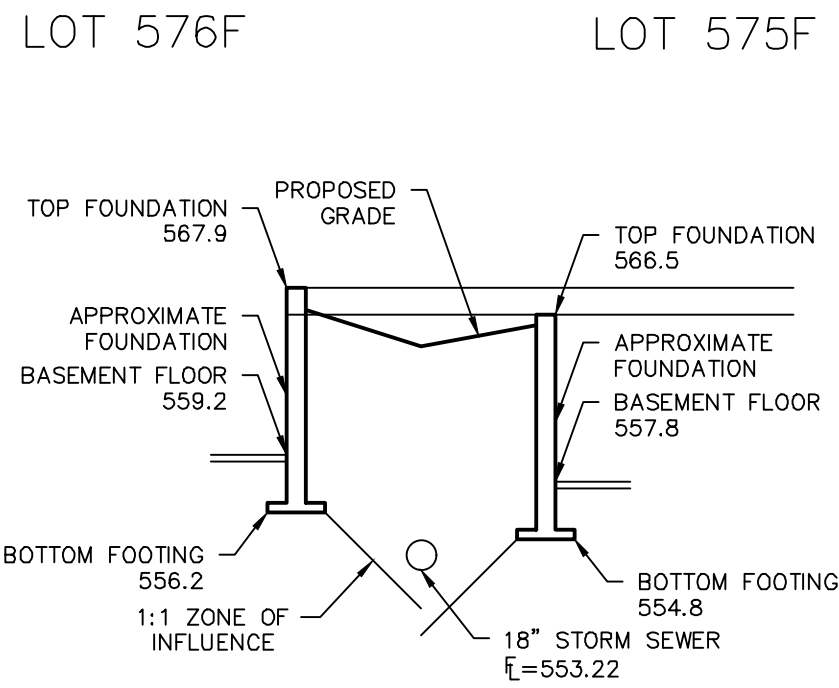
HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

ZONE OF INFLUENCE SECTIONS

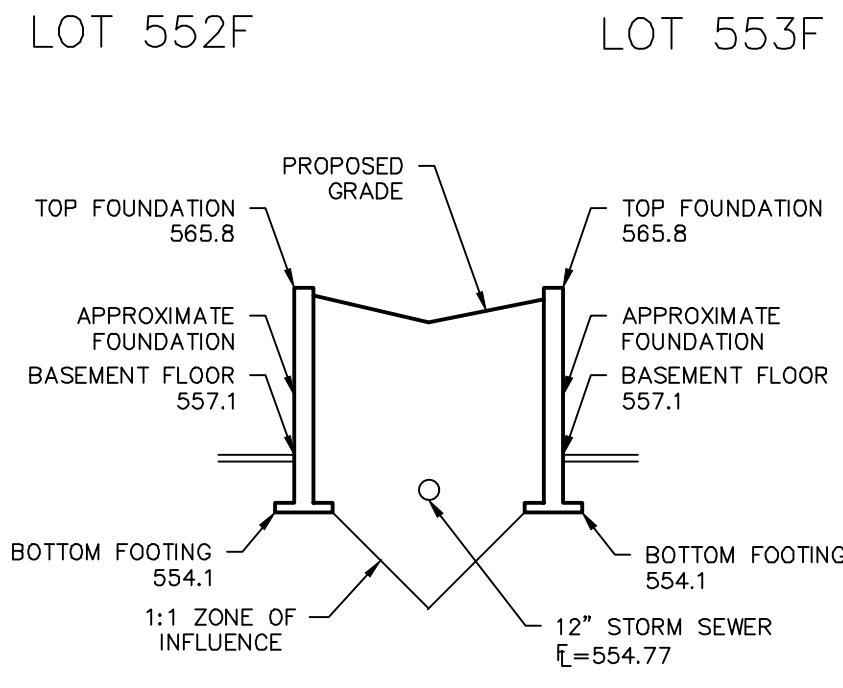
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Date: 03-16-2026
Job No. 20-09-327

Page No.
12.1
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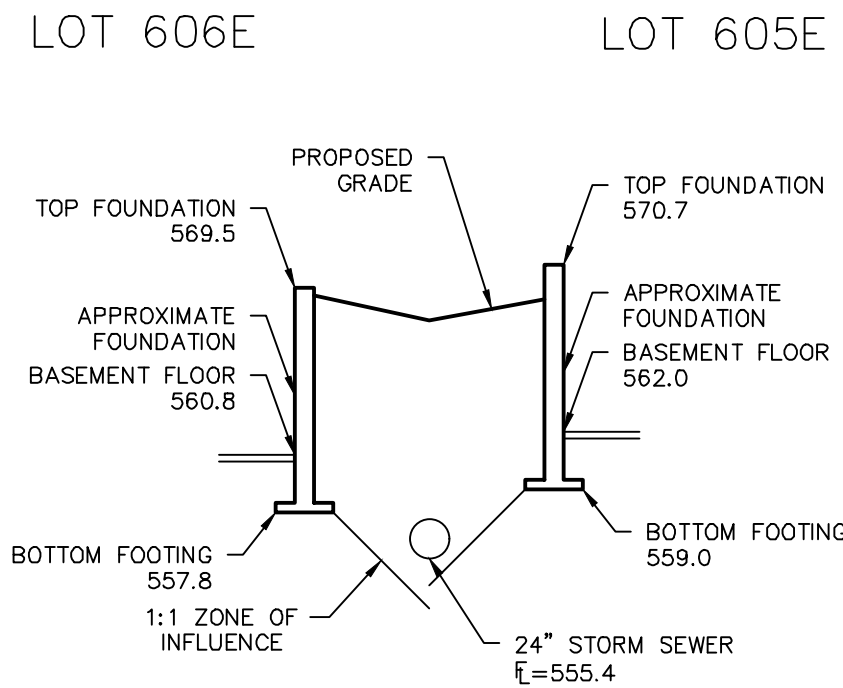
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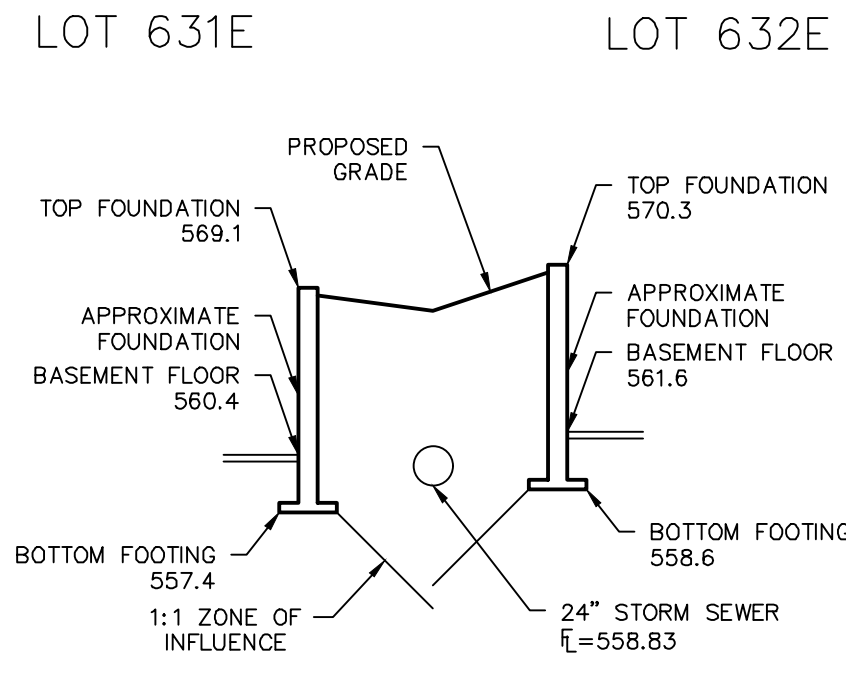
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SECTION STM 111
Scale: 1" = 10'



ZONE OF INFLUENCE
SECTION STM 112
Scale: 1" = 10'



ZONE OF INFLUENCE
SECTION STM 113
Scale: 1" = 10'



ZONE OF INFLUENCE
SECTION STM 114
Scale: 1" = 10'

ISSUE REMARKS/DATE	
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PROJECT TITLE

**HARVEST
AT HOPEWELL**
O'Fallon, Missouri
O'FALLON PHASE 3

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
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Corporate Certificate of Authority #001348

The enclosed drawings were prepared by me or under my direct supervision and I am a duly Licensed Professional Engineer in the State of Missouri. I am not providing any design or engineering services for this project that I am not qualified to provide. I am not providing any design or engineering services for this project that I am not qualified to provide.



Date: 03-16-2026
Michael G. Boerding
License No. MO E-28643
Professional Engineer

HARVEST HOPEWELL, LLC
5091 New Baumgartner Road
St. Louis, Missouri 63129

ZONE OF INFLUENCE SECTIONS

P+Z No. 21-004994
City No. 21-011444
Date: 03-16-2026
Job No. 20-09-327

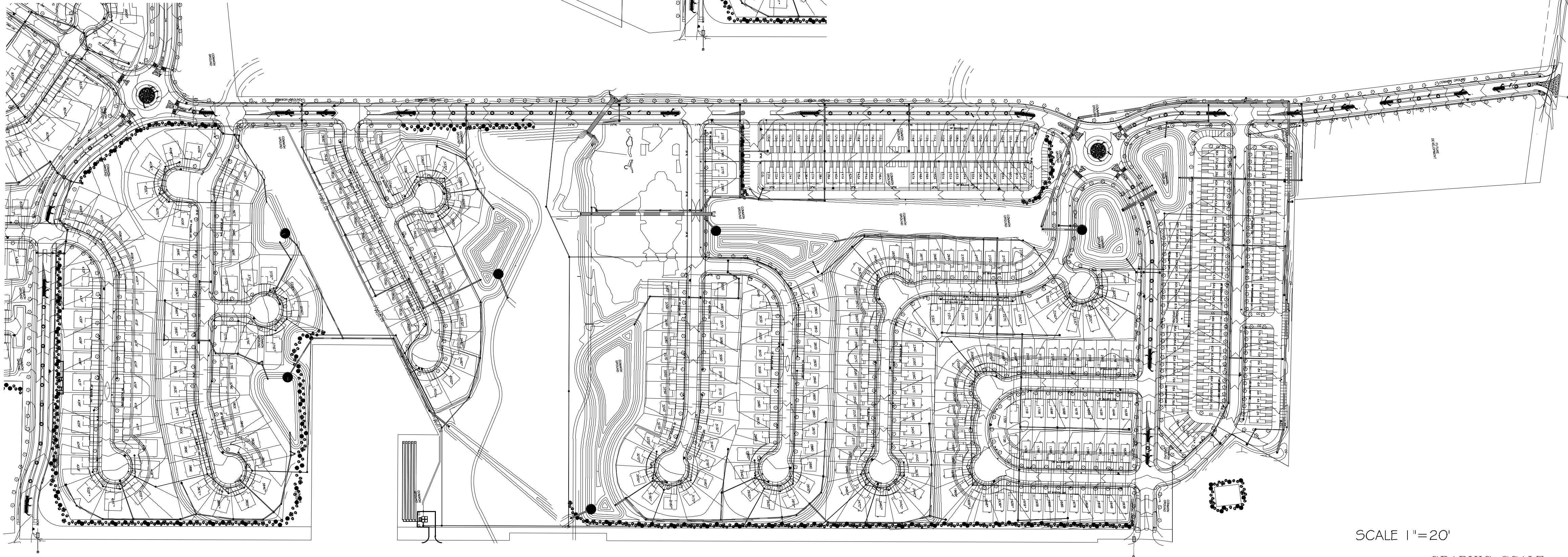
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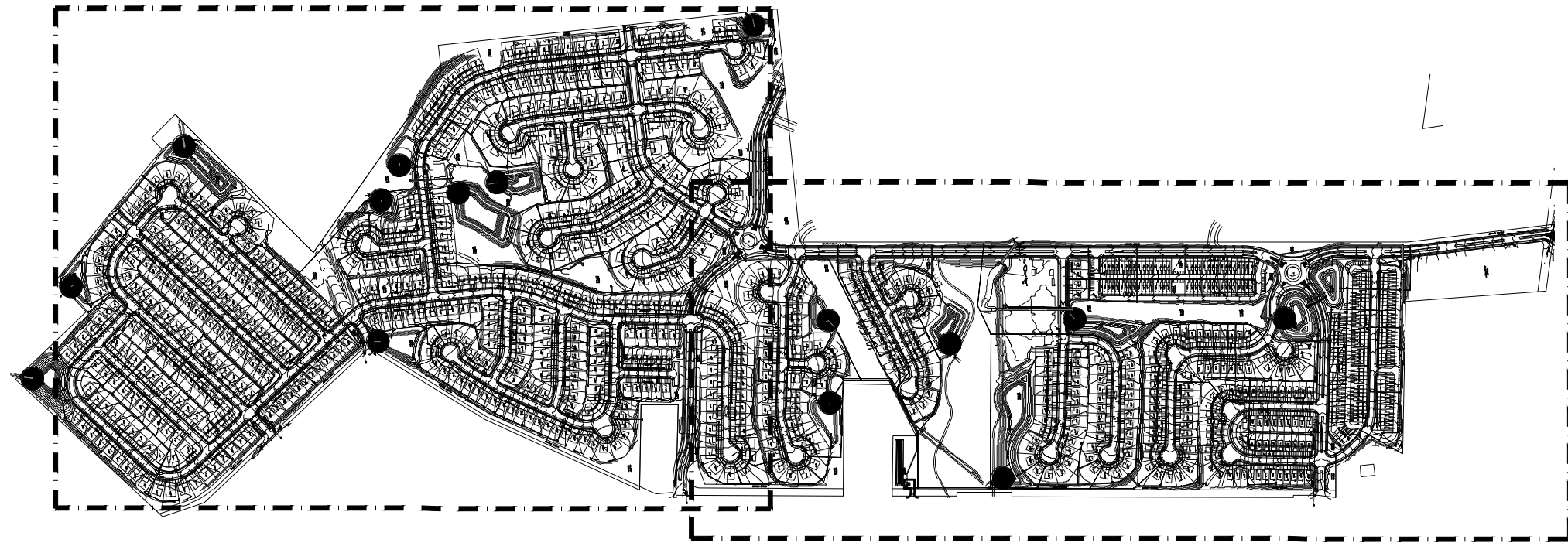


1 South Area
SCALE 1"=200'



2 North Area
SCALE 1"=200'

NOTICE
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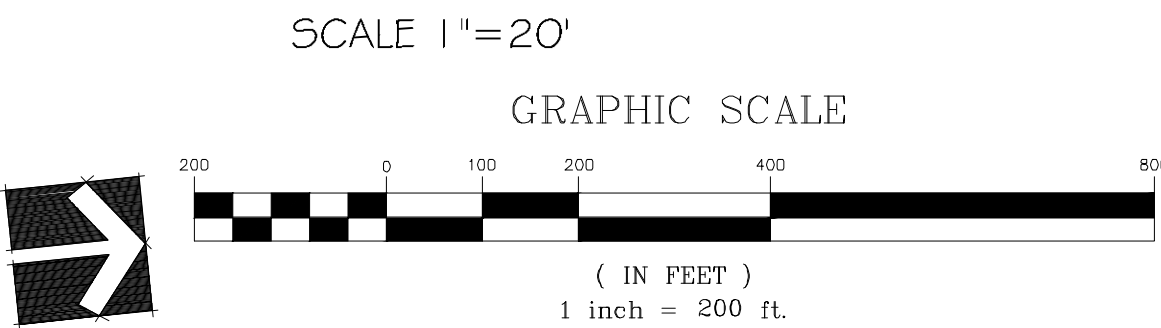
Sheet Key

LEGEND			
TREES			
TYPE	QTY	NAME	SIZE
	1375	Street Tree	2.5"
	2	Flowering Tree	2.5"
	195	Flowering Tree	2.5"
	400	Evergreen Tree	6"
	68	Shade Tree	2.5"
	76	Deciduous Tree	2.5"
SHRUBS			
	220	Deciduous Shrub	5 gal
	16	Deciduous Shrub	5 gal
	160	Evergreen Shrub	5 gal
	140	Flowering Shrub	5 gal
	141	Perennial / Grass	1 gal
	77	Perennial / Grass	1 gal
MULCH			
	110	Mulch	Cy.

PLANT MATERIAL LIST		
TREES		SIZE MATURE HT.
Street Tree, Shade Tree, Deciduous Tree		
Maple, Oak, Birch, Zelkova, Linden		2" Cal. 25'-45'
Flowering Tree		
Crabapple, Pear, Redbud, Ivory Silk		2" Cal. 15'-25'
Evergreen Tree		
White Pine, Spruce, Green Giant		6' Ht. > 45'
SHRUBS		SIZE MATURE HT.
Deciduous Shrub		
Viburnum, Burning Bush, Diervilla		5 Gal. 48"-54"
Evergreen Shrubs		
Juniper, Yew, Boxwood, Holly		5 Gal. 36"-42"
Flowering Shrub		
Spirea, Rose, Lilac, Wiegela		5 Gal. 42"-48"
Perennial/Grass		
Maiden, Karl Foerster, Rudbeckia		1 Gal. 18"-24"

PLANTING CALCULATIONS:

REQUIRED STREET TREES = 954 STREET TREES
1 STREET TREE PER LOT (838 LOTS) = 838 STREET TREES
2 STREET TREES PER CORNER LOT (58 LOTS) = 116 STREET TREES
PROVIDED STREET TREES = 1375 STREET TREES



PROJECT # 281
V:\2009327 Highway N Assemblies\Drawings\Engineering\Landscape Plan\23-0-16 Improvement

895-4589

A. WALDBART and SONS
Nursery
Established 1872

Landscapers, Landscape Contractors & Nurserymen
1420 Teson Rd., Hazelwood, MO 63042

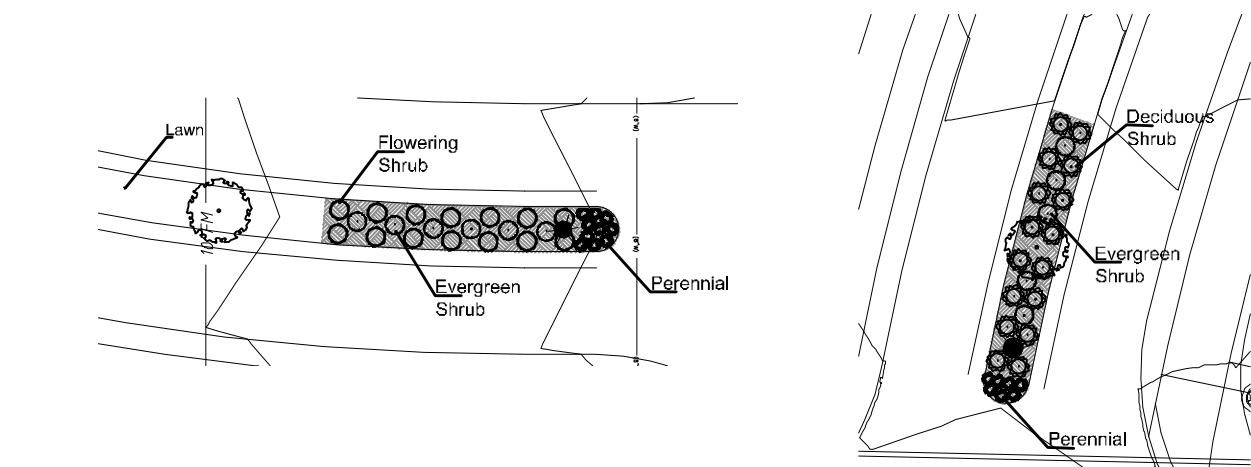
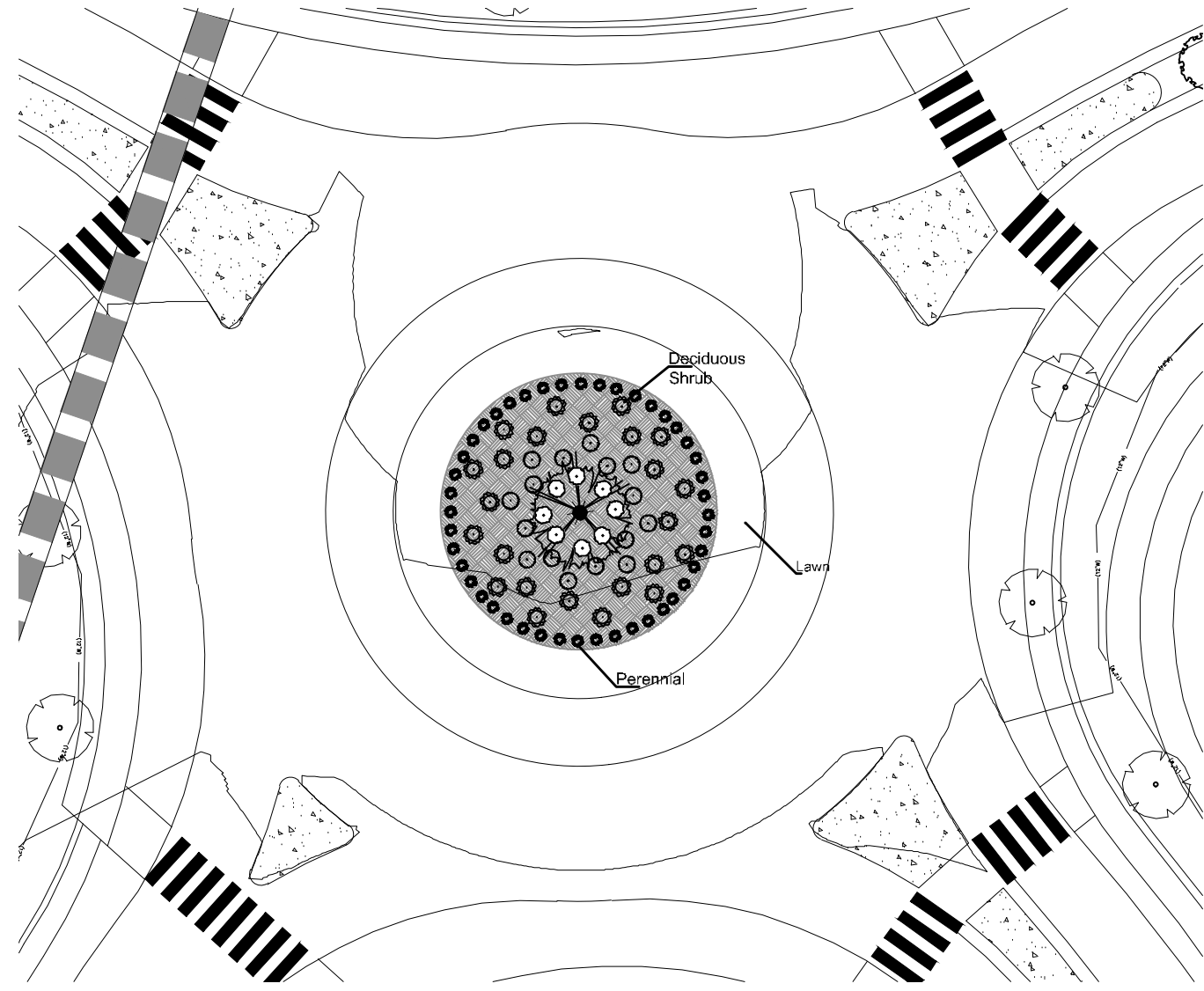
HARVEST - HOPEWELL
Snt. Charles County Mo.

5/4/21
5/27/21
11/11/24

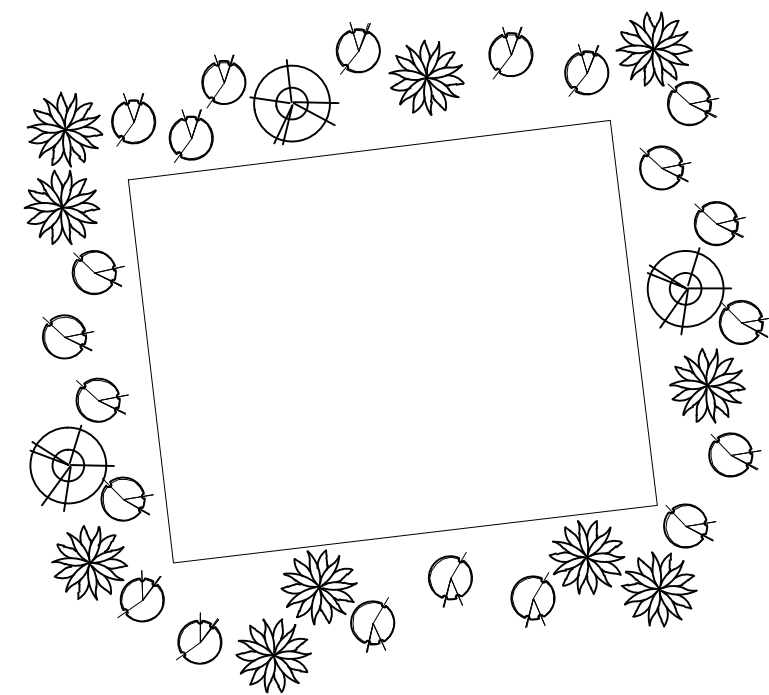
Revised
Date
Sheet
L-1

Approved
Scale
As Indicated

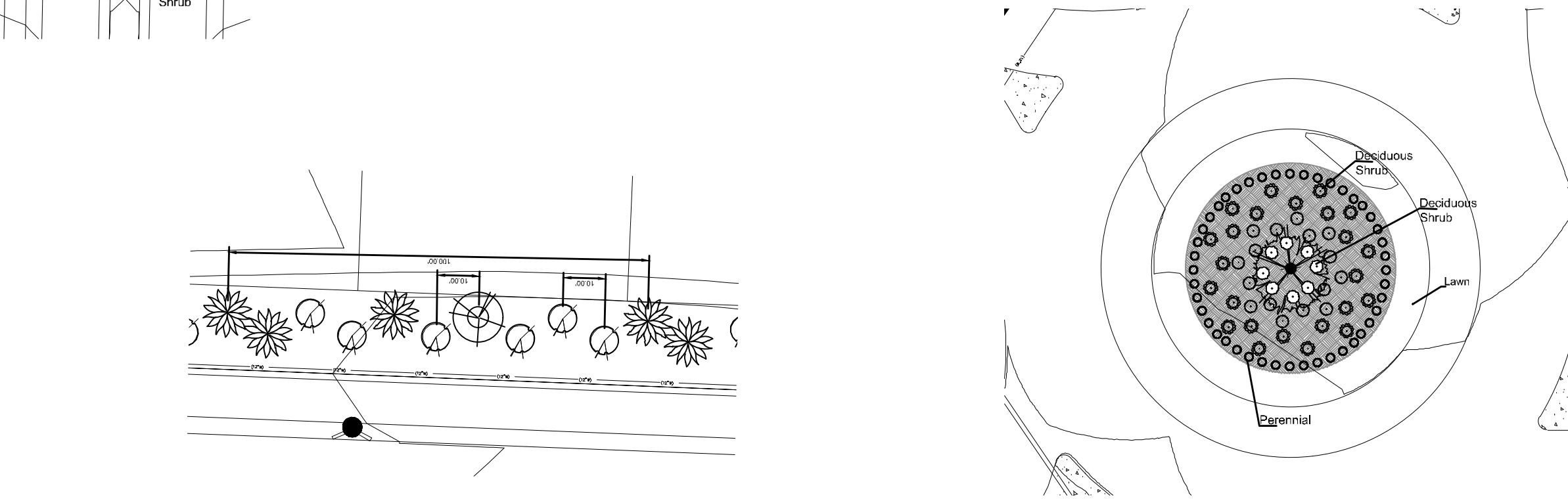
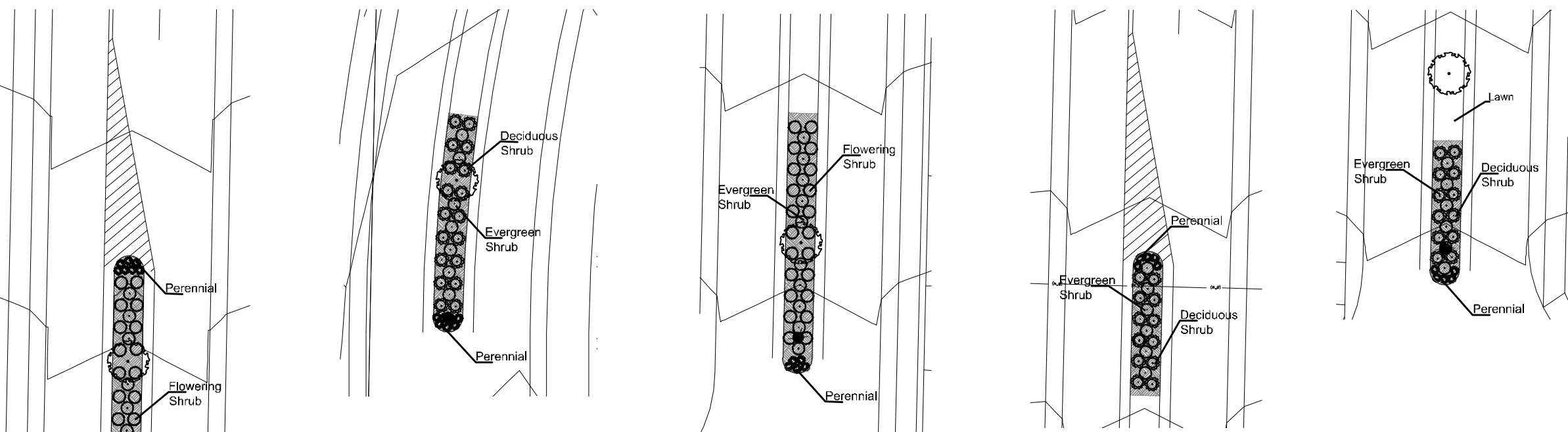
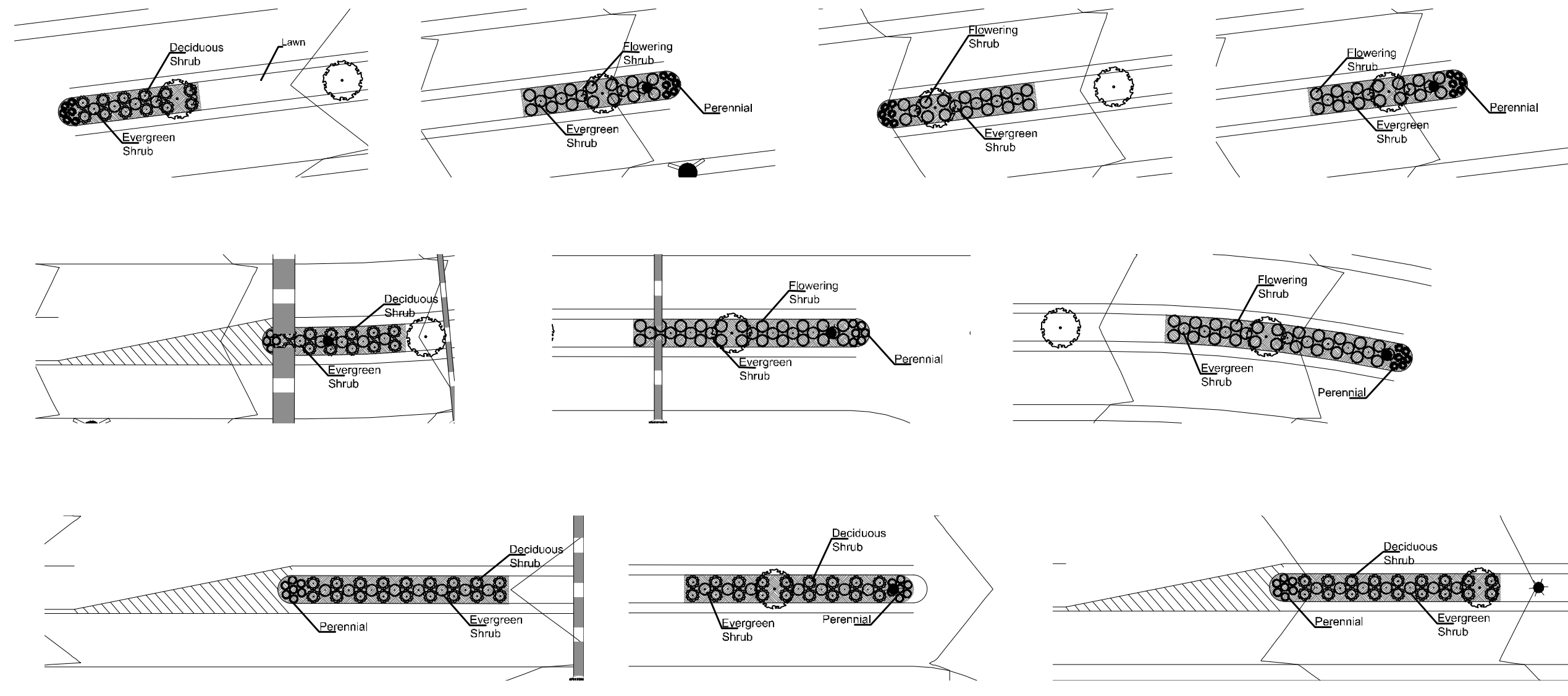
Drawn By
SGZ



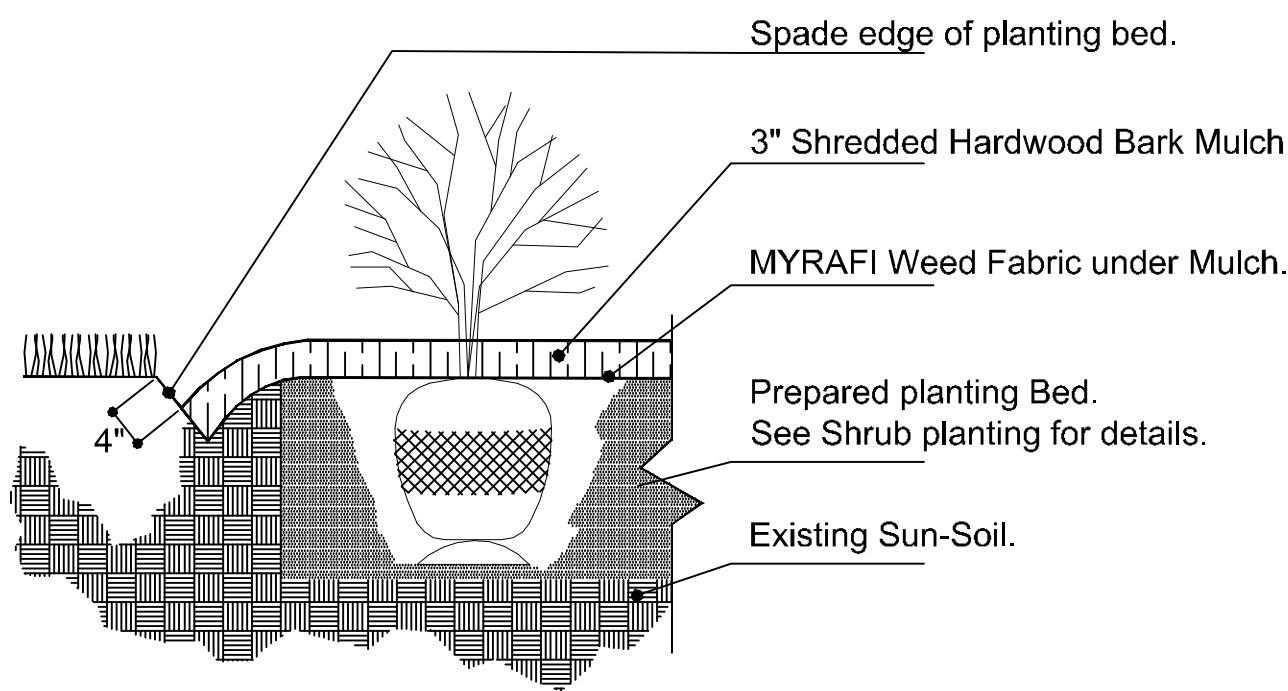
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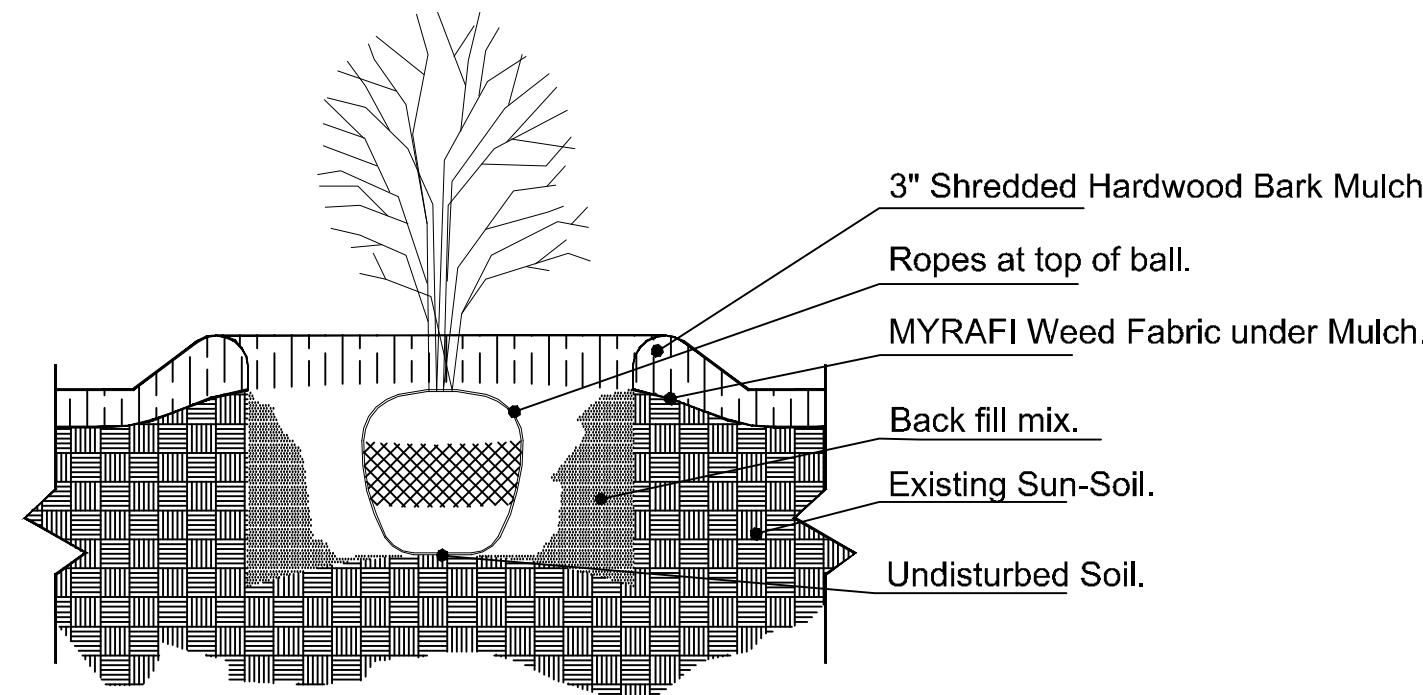
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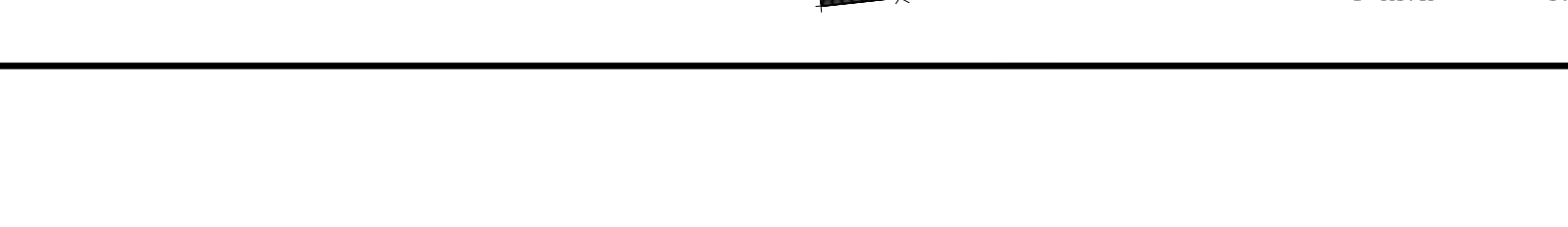
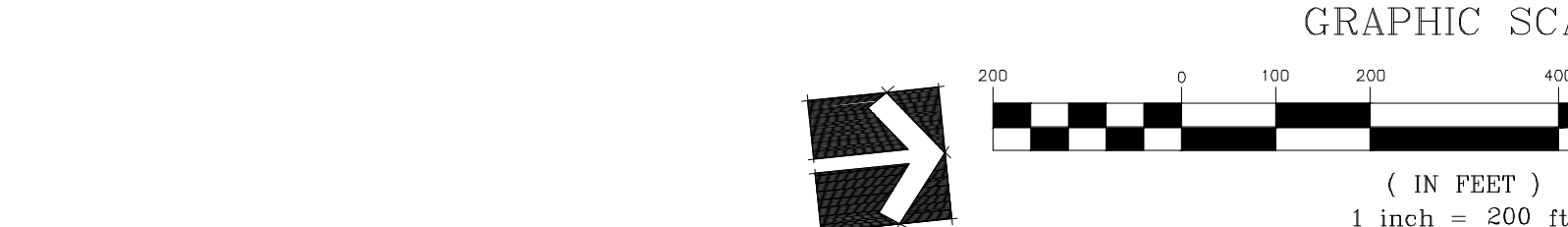
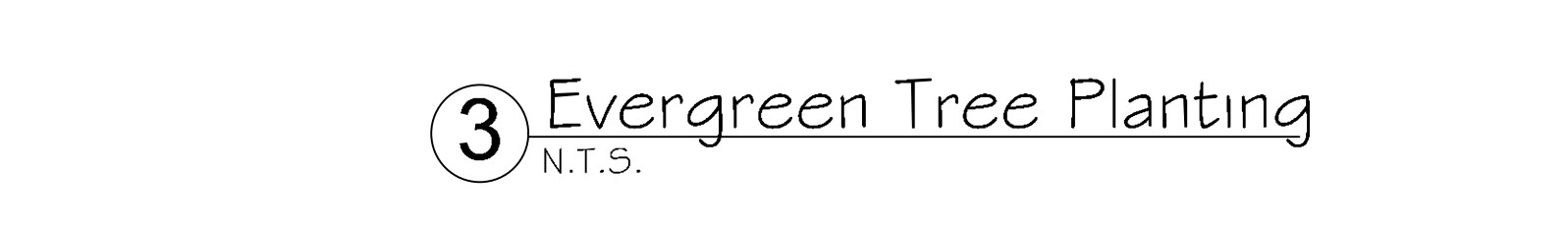
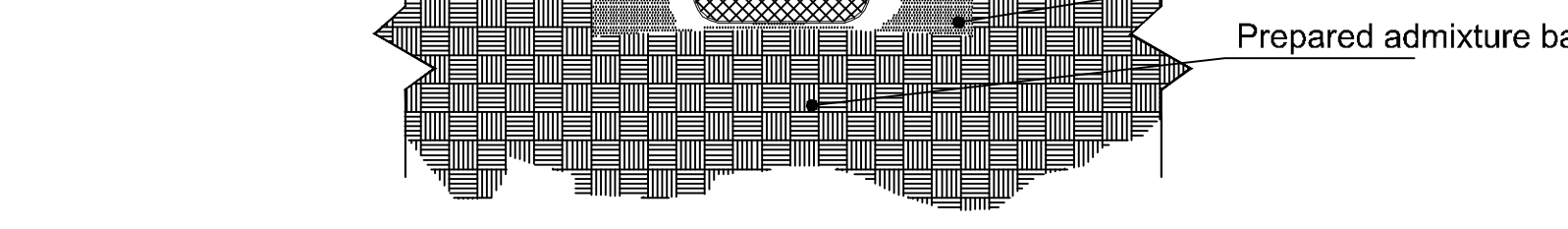
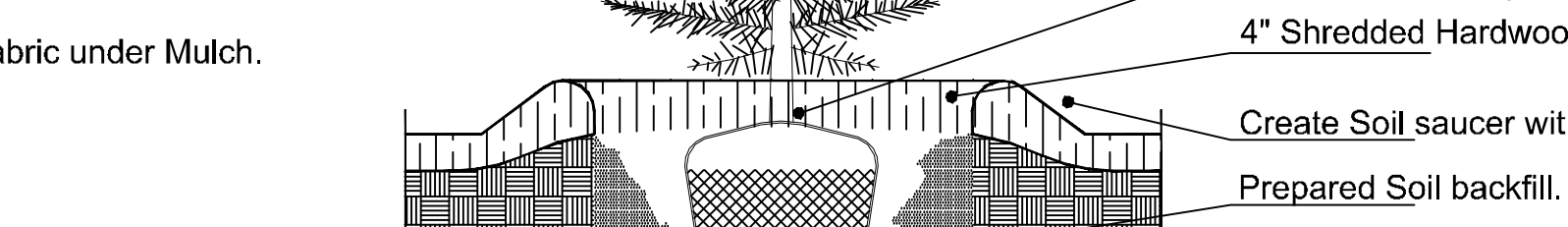
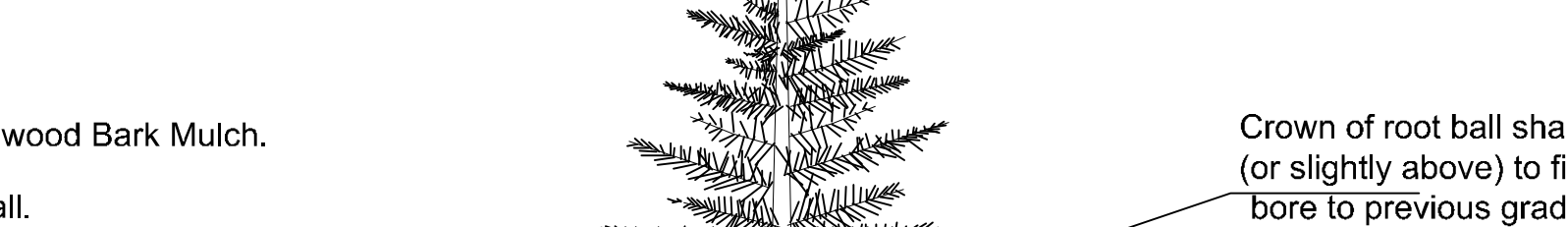
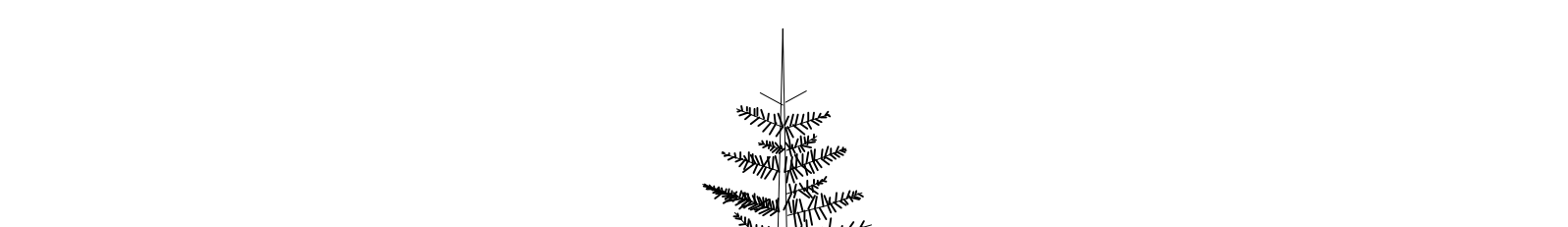
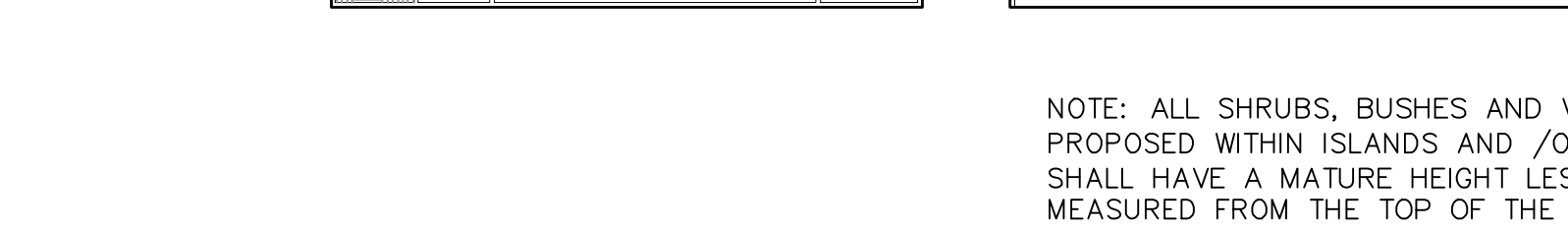
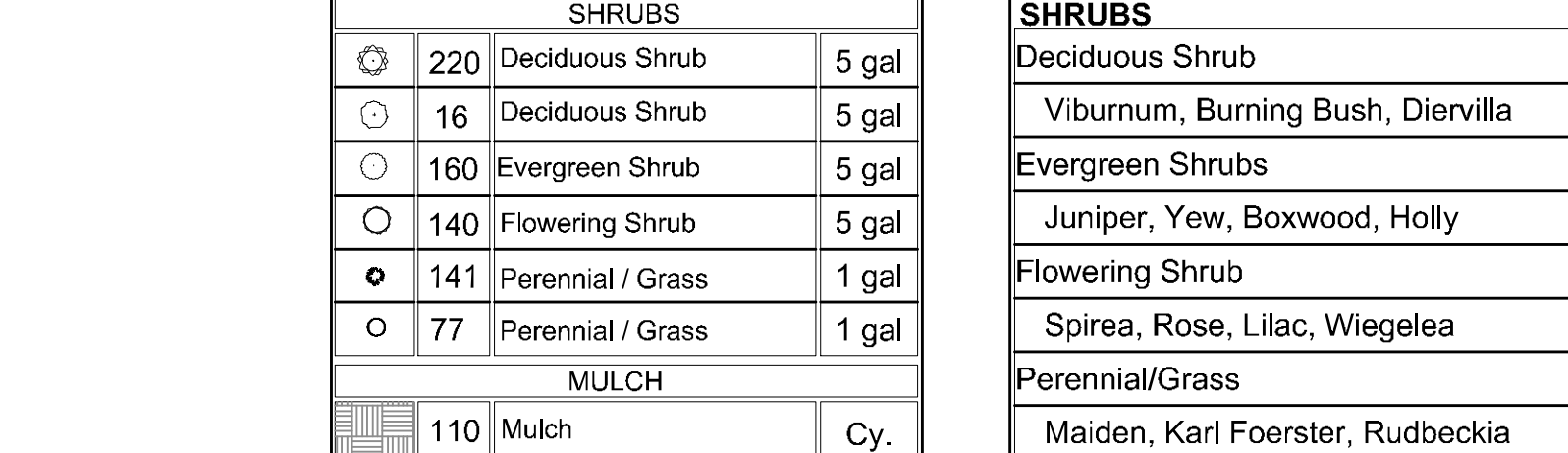
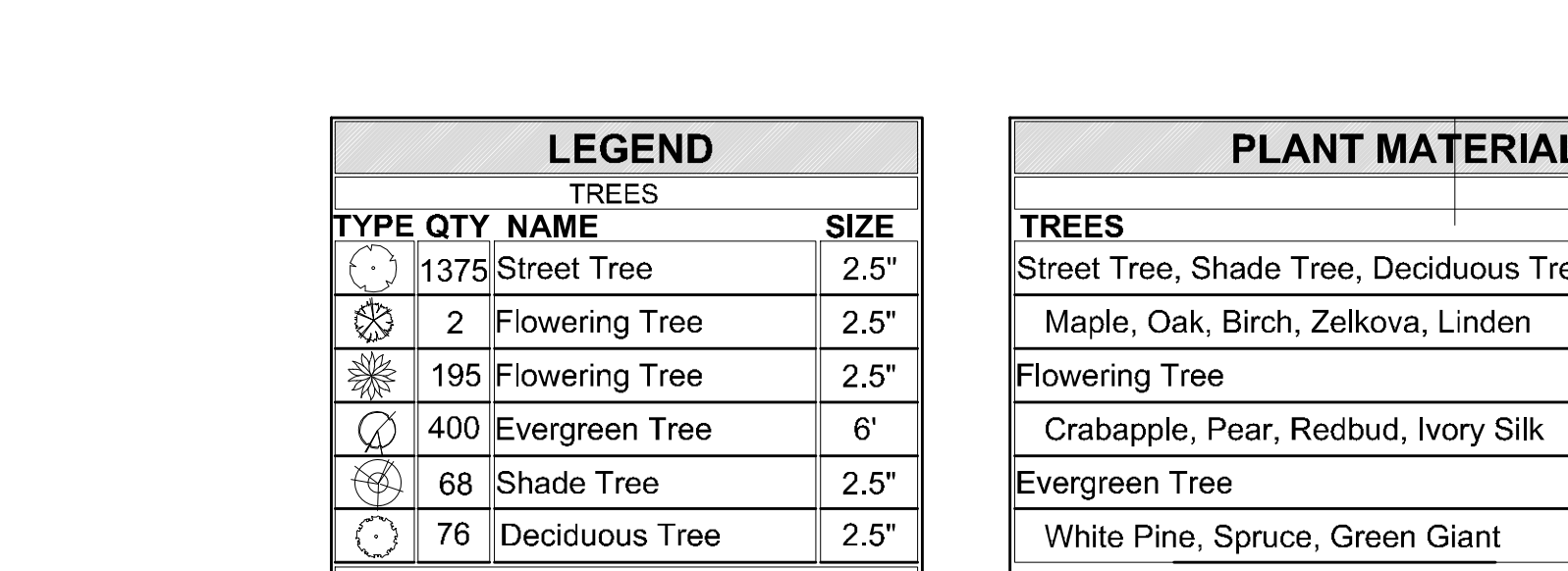
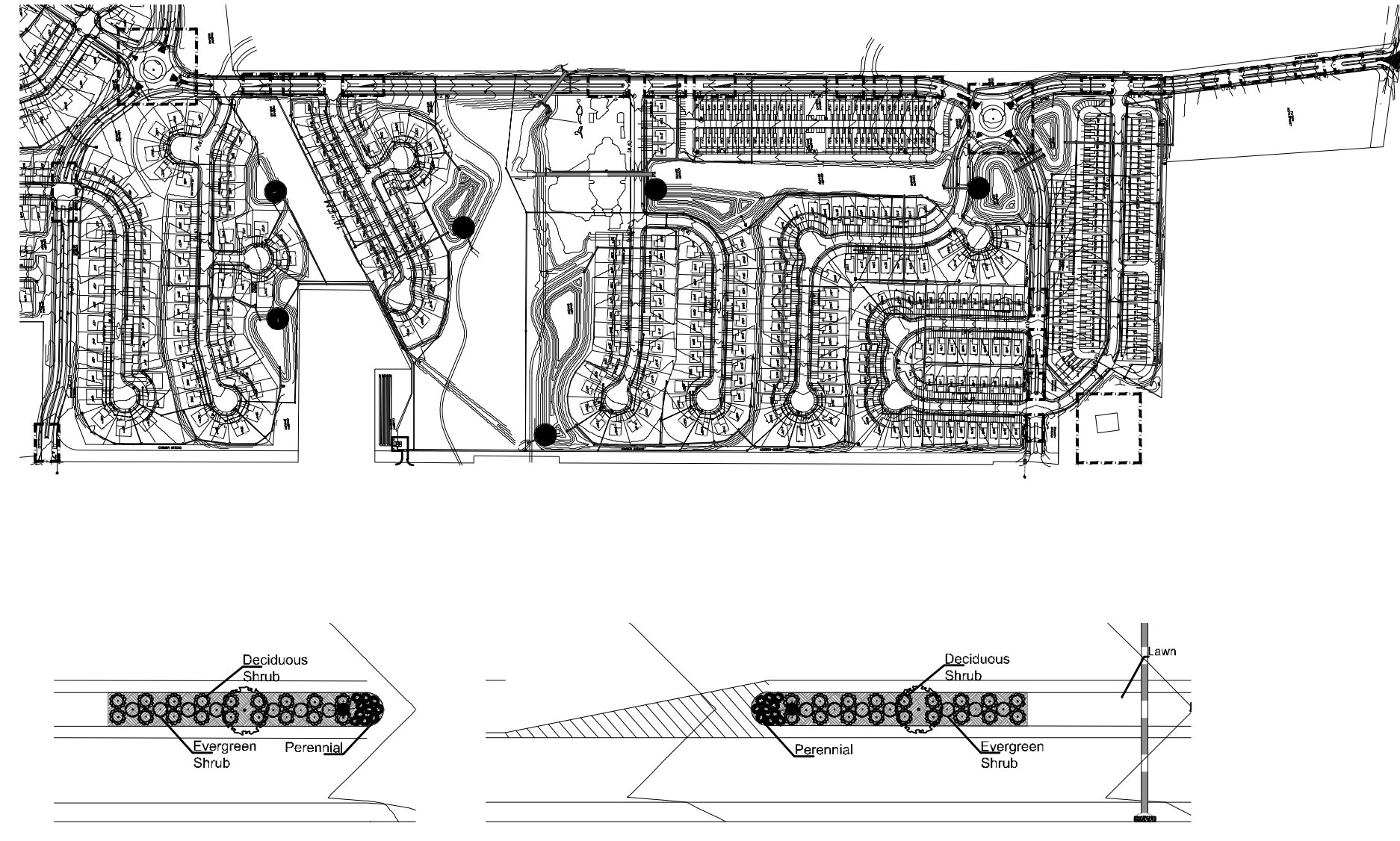
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1 Spade-cut Edge Detail
N.T.S.



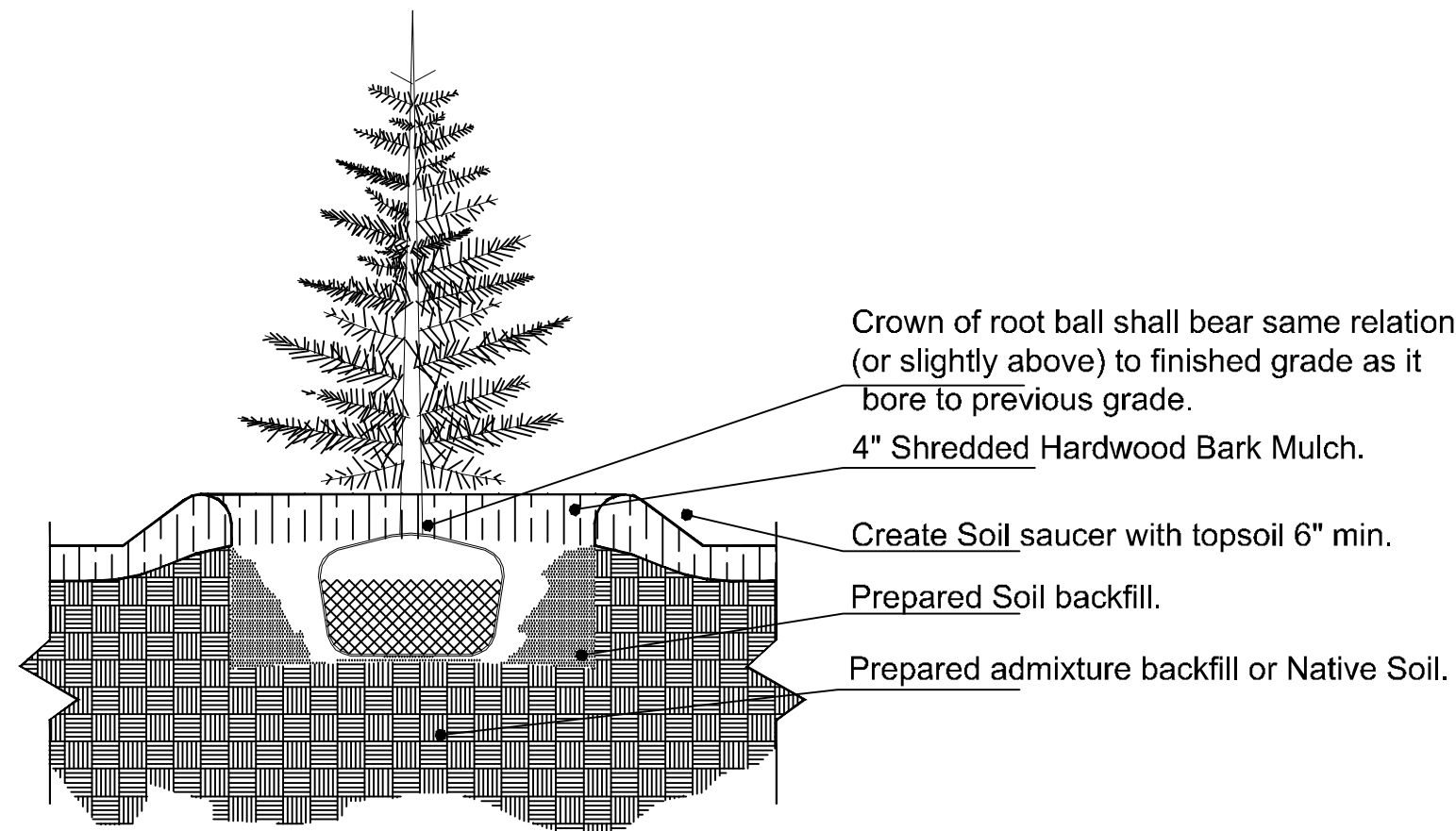
2 Shrub planting ball
N.T.S.



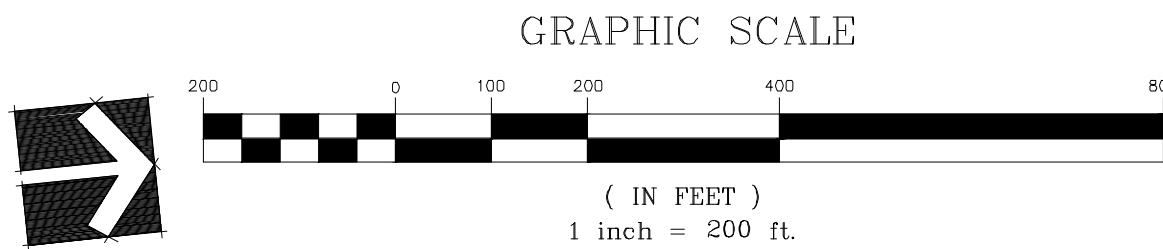
LEGEND		
TREES		
TYPE	QTY	NAME
1375	Street Tree	2.5"
2	Flowering Tree	2.5"
195	Flowering Tree	2.5"
400	Evergreen Tree	6"
68	Shade Tree	2.5"
76	Deciduous Tree	2.5"
SHRUBS		
TYPE	QTY	NAME
220	Deciduous Shrub	5 gal
16	Deciduous Shrub	5 gal
160	Evergreen Shrub	5 gal
140	Flowering Shrub	5 gal
141	Perennial / Grass	1 gal
77	Perennial / Grass	1 gal
MULCH		
110	Mulch	Cy.

PLANT MATERIAL LIST		
TREES		
TREES	SIZE	MATURE HT.
Street Tree, Shade Tree, Deciduous Tree		
Maple, Oak, Birch, Zelkova, Linden	2" Cal.	25'-45'
Flowering Tree		
Crabapple, Pear, Redbud, Ivory Silk	2" Cal.	15'-25'
Evergreen Tree		
White Pine, Spruce, Green Giant	6" Ht.	> 45'
SHRUBS		
SHRUBS	SIZE	MATURE HT.
Deciduous Shrub		
Viburnum, Burning Bush, Diervilla	5 Gal.	48"-54"
Evergreen Shrubs		
Juniper, Yew, Boxwood, Holly	5 Gal.	36"-42"
Flowering Shrub		
Spirea, Rose, Lilac, Wiegela	5 Gal.	42"-48"
Perennial/Grass		
Maiden, Karl Foerster, Rudbeckia	1 Gal.	18"-24"

NOTE: ALL SHRUBS, BUSHES AND VEGETATION PROPOSED WITHIN ISLANDS AND /OR ROUND-ABOUTS SHALL HAVE A MATURE HEIGHT LESS THAN 30" AS MEASURED FROM THE TOP OF THE ADJACENT CURB.



3 Evergreen Tree Planting
N.T.S.



NOTICE
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PROJECT # 281

V:\2009\327 Highway N Assembly Drawings\Engineering\Landscaping\Plan\23-01-16 Improvement

HARVEST - HOPEWELL

Snt. Charles County Mo.

Sheet L-2

Revised 5/27/21

Date 5/14/21

Approved

Scale As Indicated

Drawn By SGZ

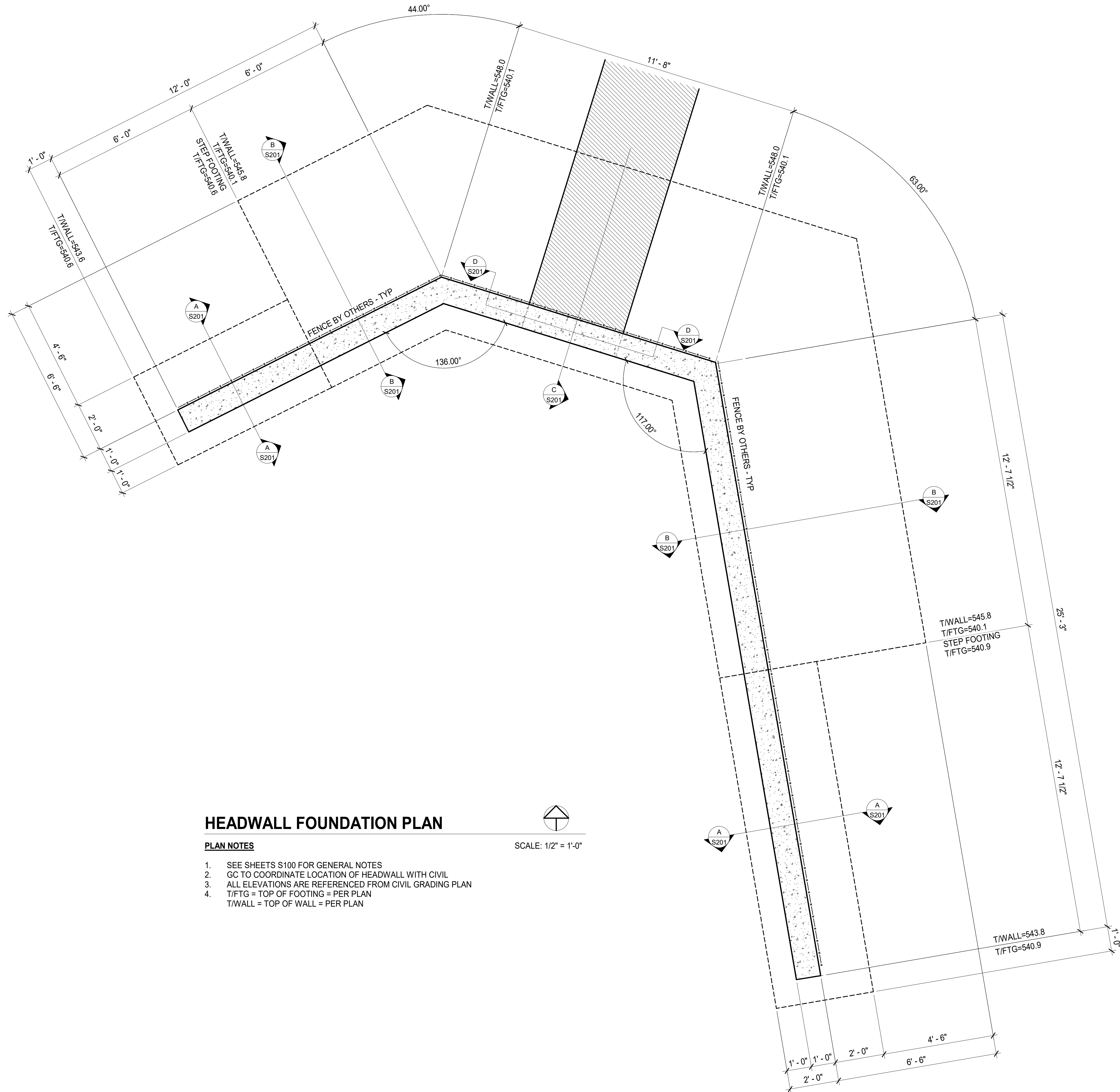
855-4589

WALDBART and SONS

Established 1872

Landscape Designers, Landscape Contractors & Nurserymen

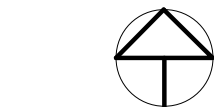
1420 Teson Rd., Hazelwood, MO 63042



HEADWALL FOUNDATION PLAN

PLAN NOTES

1. SEE SHEET'S S100 FOR GENERAL NOTES
2. GC TO COORDINATE LOCATION OF HEADWALL WITH CIVIL
3. ALL ELEVATIONS ARE REFERENCED FROM CIVIL GRADING PLAN
4. T/FTG = TOP OF FOOTING = PER PLAN
T/WALL = TOP OF WALL = PER PLAN



SCALE: 1/2" = 1'-0"

CASE
Engineering Inc.

796 Merus Court
St. Louis, MO 63026
T 636.349.1600
F 636.349.1730
CERTIFICATE OF AUTHORITY NO. 001498



MCBRIDE LAND
STRATEGY

17415 NORTH OUTER 40 RD.
CHESTERFIELD, MO
63005-1320

HARVEST HOPEWELL
HEADWALL
STORM WATER DRAINAGE
HEADWALL
O'FALLON, MO

REVISIONS

No.	Description	Date

HEADWALL PLAN AND
SECTIONS

Project # MCB-MO-01-26 (R24)

Issue Date 03/06/26

Drawn by TJH

Checked by AG/AM

S200

Scale As indicated