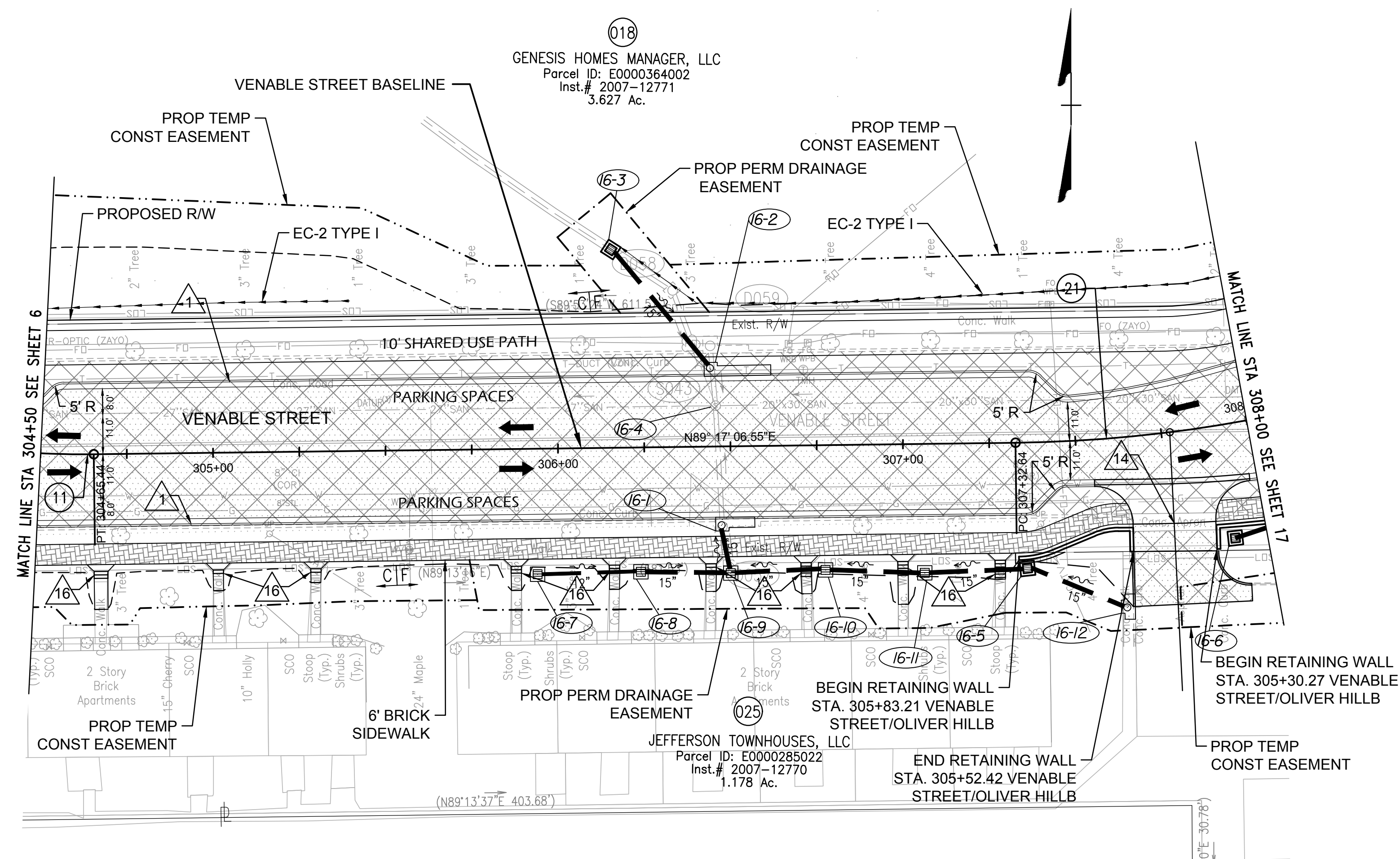


11
PI=304+24.74
DELTA=018°49'38.05"
D=022°55'06"
T=41.45
L=82.15
R=250.00
PC=303+83.29
PT=304+65.44
E=NC
R=25 MPH

21
PI=307+75.35
DELTA=012°11'22.92"
D=014°19'26"
T=42.71
L=85.10
R=400.00
PC=307+32.64
PT=308+17.74
E=NC
R=>25 MPH



INCIDENTAL LEGEND

- | | | | |
|----|--|----|--|
| 1 | ST'D RICHMOND CITY CURB & GUTTER REQ'D | 12 | MEDIAN REFUGE ISLAND TYPE M2 |
| 2 | ST'D RICHMOND CITY CURB REQ'D | 13 | NS BIKE RAMP |
| 3 | MODIFIED VDOT CG-3 REQ'D | 14 | VDOT ST'D CG-9D ENTRANCE GUTTER |
| 4 | MODIFIED VDOT CG-7 REQ'D | 15 | VDOT ST'D CG-11 COMMERCIAL ENTRANCE |
| 5 | VDOT ST'D CG-6 CURB AND GUTTER REQ'D | 16 | VDOT ST'D S-2 CONCRETE STEPS |
| 6 | GRANITE CURB | 17 | REPLACE EXISTING CONCRETE SIDEWALK WITH BRICK SIDEWALK |
| 7 | VDOT ST'D CG-12 TYPE A REQ'D | | |
| 8 | VDOT ST'D CG-12 TYPE B REQ'D | | |
| 9 | VDOT MODIFIED CG-12 TYPE B REQ'D | | |
| 10 | ST'D MS-1 CONCRETE MEDIAN STRIP | | |
| 11 | ST'D MS-2 RAISED GRASS MEDIAN STRIPS | | |

- | | |
|--|---|
| | Denotes Pavement Mill and Overlay |
| | Denotes Pavement Overlay |
| | Denotes Demolition of Pavement |
| | Denotes Proposed Pavement |
| | Denotes Truck Apron |
| | Denotes Flush ADA Crossing At Truck Apron |
| | Denotes Brick Sidewalk |

Note: Dot - dashed lines denote permanent easements

Note: Dot - dot dashed lines denote temporary easements

- | | |
|--|--------------------------------------|
| | Denotes Construction Limits in Cuts |
| | Denotes Construction Limits in Fills |

25 0 25 50
SCALE IN FEET

70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE
UNFINISHED AND
UNAPPROVED AND
ARE NOT TO BE
USED FOR
CONSTRUCTION

- NOTES
1. Lot dimensions in parentheses are from deed.
 2. Property owners correct as of _____, 20__
 3. Ordinance Number _____
 4. Adopted _____
 5. Accepted _____

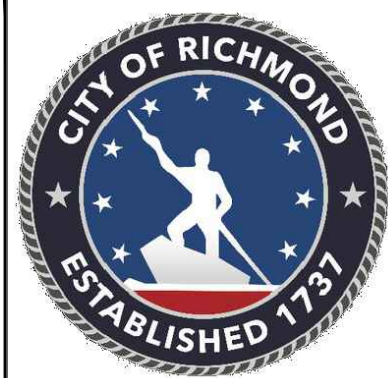
Existing Legend

- | | |
|---------------------------|--|
| Storm Sewer | |
| Sanitary Sewer (sewer) | |
| Gas Line | |
| Electric Line | |
| Overhead Utility | |
| Telephone/Telegraph | |
| Water Line | |
| Property Line | |
| Storm Basin | |
| Storm or Sanitary Manhole | |
| Fire Hydrant / Valve | |

- Water Meter
Existing Curb Cut Ramp
Gas Meter / Valve
Pole
Power/Light Pole
Guy Anchor
Tree

Proposed Legend

- | | |
|--------------------|--|
| Sanitary Sewer | |
| Storm Sewer | |
| Storm/San) Manhole | |
| Basin | |
| Curb Cut Ramp | |
| Decorative Light | |
| Conduit | |
| Conduit (Encased) | |



Technical

- | |
|------------------------|
| Surveys Superintendent |
| Project Manager |
| Maintenance Engineer |
| City Traffic Engineer |

Administrative

- | |
|-------------------------------|
| Capital Project Administrator |
| City Engineer |
| Director of Public Works |

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA



SHOCKOE VALLEY STREET IMPROVEMENTS
PLAN SHEET

AUTHORITY: CITY OF RICHMOND, DPW

DESIGN BY: DBeale
DRAWN BY: Alexander
CHECKED BY: ASamberg

REVIEWED BY:

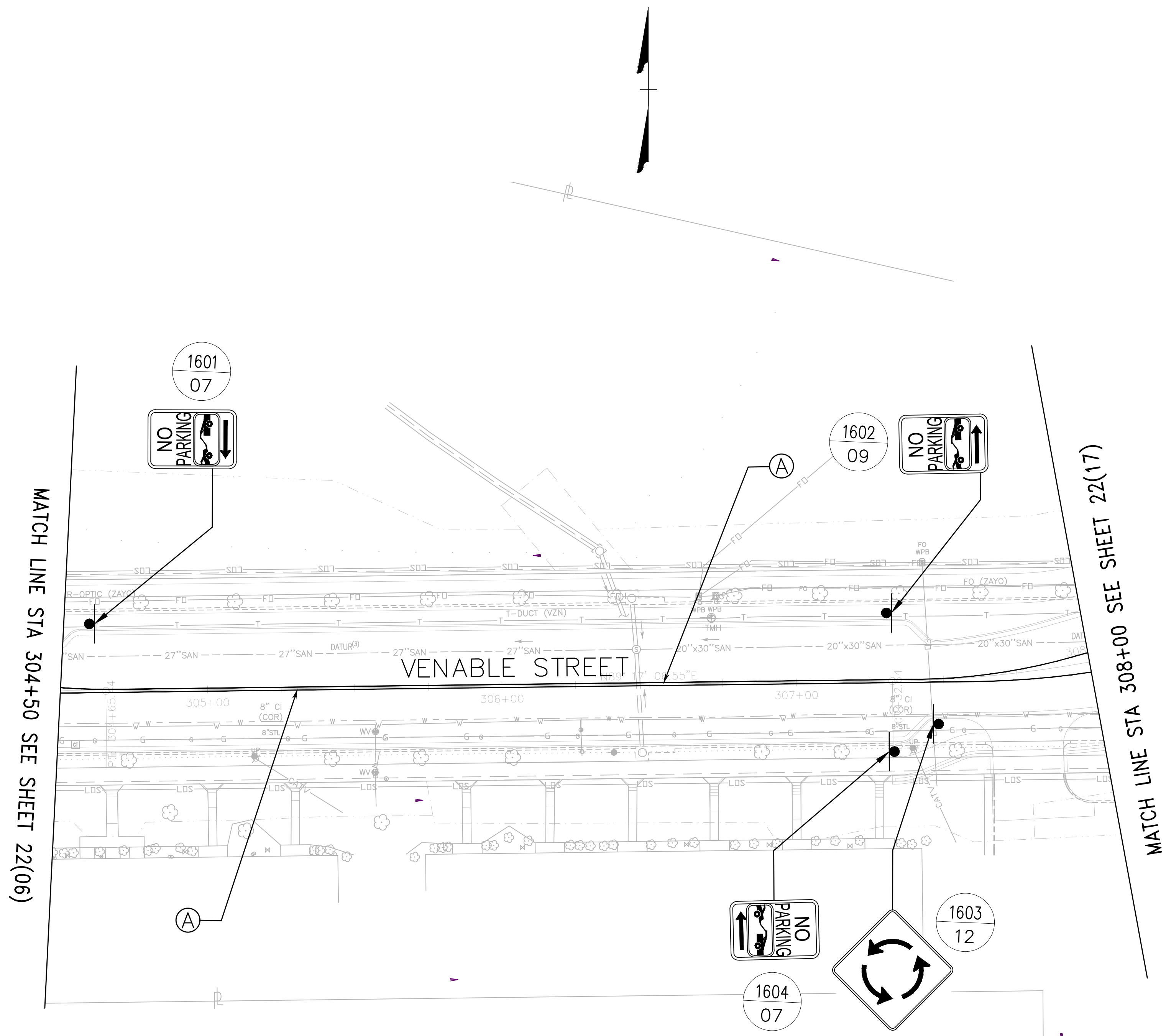
FIELD NOTES

SCALE

DATE
SEPTEMBER 2022

PROJECT
SHEET 16

DRAWING NO.
0-28633



PROPOSED PAVEMENT MARKINGS LEGEND

- (A) TYPE B, CLASS I, 4" DOUBLE YELLOW

(B) TYPE B, CLASS I, 24" SOLID WHITE

(C) TYPE B, CLASS I, 12" SOLID WHITE

(D) TYPE B, CLASS I, 4" SOLID WHITE

(E) TYPE B, CLASS I, 4" WHITE, 10' LONG, 30' SPACE
- (F) TYPE B, CLASS I, 4" WHITE, 2' LONG, 6' SPACE

(G) TYPE B, CLASS I, 24" CROSSBIKE, 3' SPACING

(H) TYPE B, CLASS I, 6" WHITE, 3' LONG, 9' SPACE

(I) TYPE B, CLASS I, 12" WHITE, 2' LONG, 2' SPACE

(J) TYPE B, CLASS I, 4" WHITE, 2' LONG, 4' SPACE
- (K) TYPE B, CLASS I, 4" SOLID YELLOW

(L) TYPE B, CLASS I, 4" YELLOW, 3' LONG, 9' SPACE

(M) TYPE B, CLASS I, 4" YELLOW, 2' LONG, 6' SPACE

(N) TYPE B, CLASS I, 6" WHITE, 30' SPACING



70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE
UNFINISHED AND
UNAPPROVED AND
ARE NOT TO BE
USED FOR
CONSTRUCTION

NOTES

1. Lot dimensions in parentheses are from deed.

2. Property owners correct as of _____, 20__

3. Ordinance Number _____

4. Adopted _____

5. Accepted _____

REFERENCES

REVISIONS

Existing Legend

Storm Sewer

Sanitary Sewer (sew)

Gas Line

Electric Line

Overhead Utility

Telephone/Telegraph

Water Line

Property Line

Storm Basin

Storm or Sanitary Manhole

Fire Hydrant / Valve

Proposed Legend

Sanitary Sewer

Storm/San) Manhole

Basin

Curb Cut Ramp

Decorative Light

Conduit (Encased)

Water Meter

Existing Curb Cut Ramp

Gas Meter / Valve

Fence

Power/Light Pole

Guy Anchor

Tree

CITY OF RICHMOND

ESTABLISHED 1771

Technical	Administrative
Surveys Superintendent	
Project Manager	Capital Project Administrator
Maintenance Engineer	City Engineer
City Traffic Engineer	Director of Public Works

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

RK&K

Responsive People • Creative Solutions

vhb

SHOCKOE VALLEY STREET IMPROVEMENTS

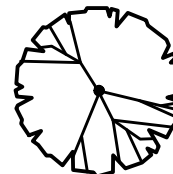
SIGNING AND PAVEMENT MARKING PLAN

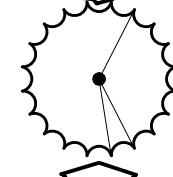
PLAN SHEET

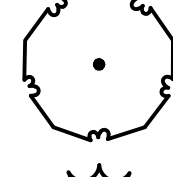
AUTHORITY: CITY OF RICHMOND, DPW

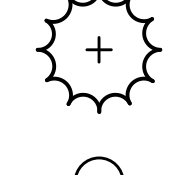
DESIGN BY: DBeale	REVIEWED BY:	FIELD NOTES	SCALE	DATE SEPTEMBER 2022	PROJECT SHEET 22(16)	DRAWING NO. 0-28633
-------------------	--------------	-------------	-------	------------------------	-------------------------	------------------------

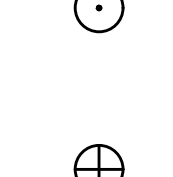
CONCEPT PLANT SCHEDULE

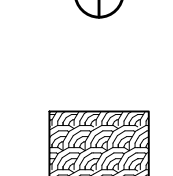
- 

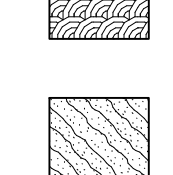
LARGE DECIDUOUS TREE
2.5" caliper at planting
-
- 

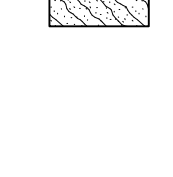
LARGE EVERGREEN TREE
6' high at planting
-
- 

SMALL DECIDUOUS TREE
1.5" caliper at planting
-
- 

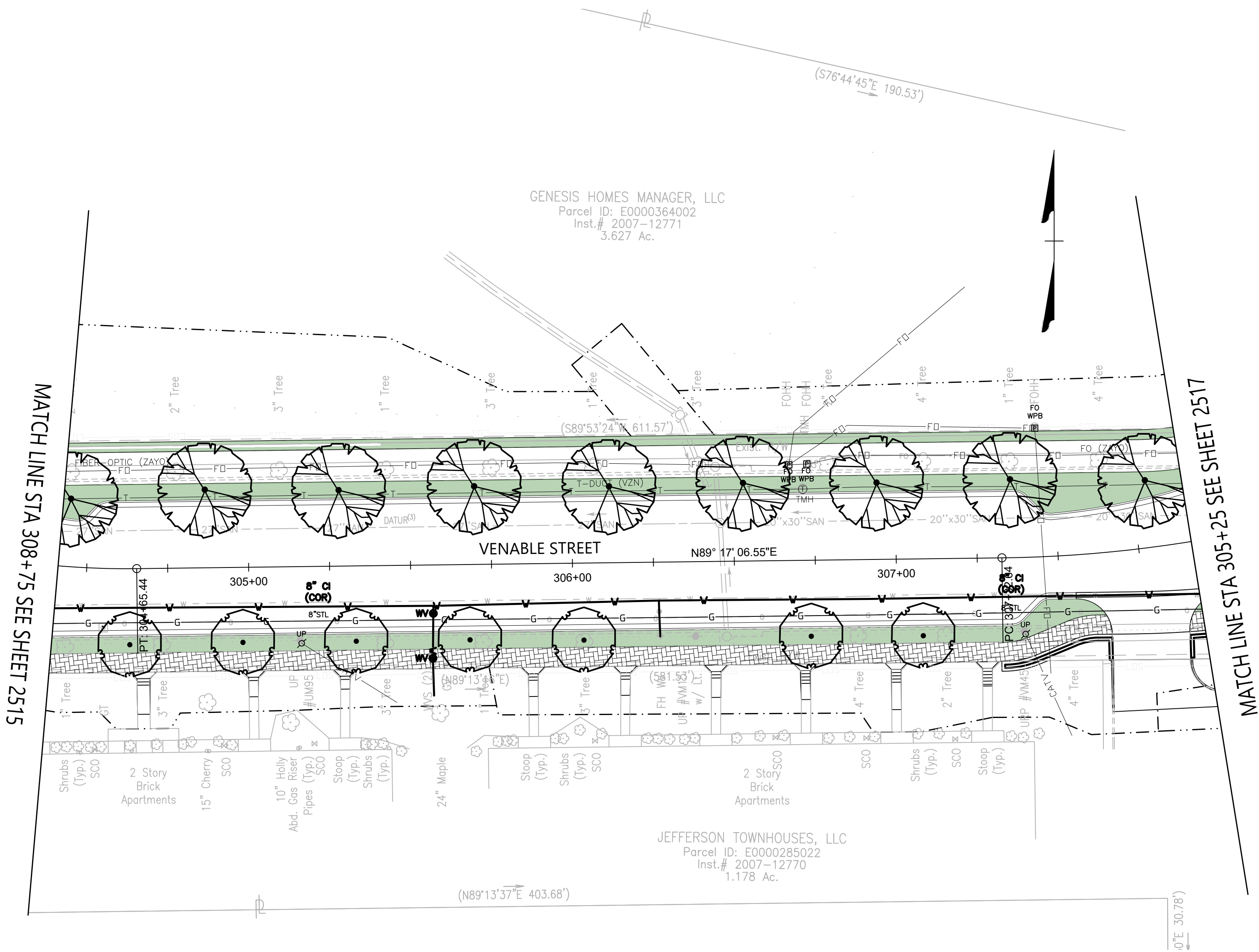
SMALL EVERGREEN TREE
6' high at planting
-
- 

DECIDUOUS SHRUB
2' high at planting
-
- 

EVERGREEN SHRUB
2' high at planting
-
- 

PERENNIAL
1 Gallon- 18" o.c.
-
- 

NATIVE GRASS
1 Gallon -18" o.c.
-

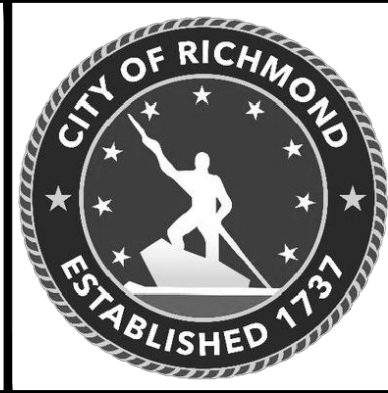


70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE
UNFINISHED AND
UNAPPROVED AND
ARE NOT TO BE
USED FOR
CONSTRUCTION

NOTES	
1. Lot dimensions in parentheses are from deed.	
2. Property owners correct as of _____, 20__.	
3. Ordinance Number _____	
4. Adopted _____	
5. Accepted _____	
REFERENCES	REVISIONS

Existing Legend	Proposed Legend
 Storm Sewer	 Sanitary Sewer
 Sanitary Sewer (Gravity)	 Storm (San) Manhole
 Gas Line	 Basin
 Electric Line	 Curb Cut Ramp
 Overhead Utility	 Decorative Light
 Telephone/Telegraph	 Conduit (Encased)
 Water Line	
 Property Line	
 Storm Basin	
 Storm or Sanitary Manhole	
Fire Hydrant / Valve	



Technical	Administrative
Surveys Superintendent	
Project Manager	Capital Project Administrator
Maintenance Engineer	City Engineer
City Traffic Engineer	Director of Public Works
DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA	



Responsive People • Creative Solutions

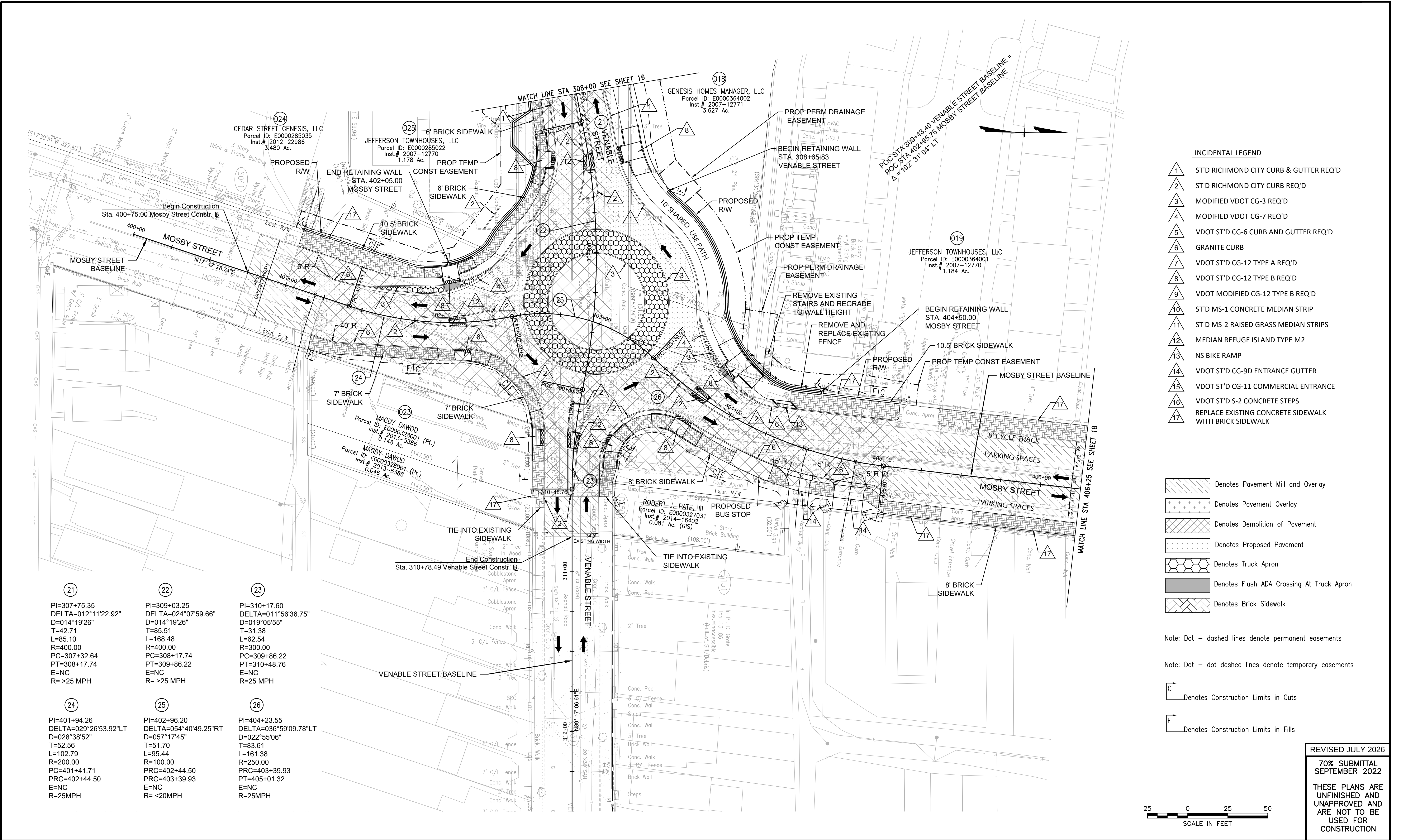


SHOCKOE VALLEY STREET IMPROVEMENTS

LANDSCAPE ARCHITECTURE PLAN SHEET

AUTHORITY: CITY OF RICHMOND, DPW

DESIGN BY: DBeale	REVIEWED BY:	FIELD NOTES	SCALE	DATE	PROJECT	DRAWING NO.
DRAWN BY: Alexander				SEPTEMBER 2022	SHEET 2516	0-28633
CHECKED BY: ASamberg						



- INCIDENTAL LEGEND**
- 1 ST'D RICHMOND CITY CURB & GUTTER REQ'D
 - 2 ST'D RICHMOND CITY CURB REQ'D
 - 3 MODIFIED VDOT CG-3 REQ'D
 - 4 MODIFIED VDOT CG-7 REQ'D
 - 5 VDOT ST'D CG-6 CURB AND GUTTER REQ'D
 - 6 GRANITE CURB
 - 7 VDOT ST'D CG-12 TYPE A REQ'D
 - 8 VDOT ST'D CG-12 TYPE B REQ'D
 - 9 VDOT MODIFIED CG-12 TYPE B REQ'D
 - 10 ST'D MS-1 CONCRETE MEDIAN STRIP
 - 11 ST'D MS-2 RAISED GRASS MEDIAN STRIPS
 - 12 MEDIAN REFUGE ISLAND TYPE M2
 - 13 NS BIKE RAMP
 - 14 VDOT ST'D CG-9D ENTRANCE GUTTER
 - 15 VDOT ST'D CG-11 COMMERCIAL ENTRANCE
 - 16 VDOT ST'D S-2 CONCRETE STEPS
 - 17 REPLACE EXISTING CONCRETE SIDEWALK WITH BRICK SIDEWALK

- Denotes Pavement Mill and Overlay
- Denotes Pavement Overlay
- Denotes Demolition of Pavement
- Denotes Proposed Pavement
- Denotes Truck Apron
- Denotes Flush ADA Crossing At Truck Apron
- Denotes Brick Sidewalk

Note: Dot - dashed lines denote permanent easements

Note: Dot - dot dashed lines denote temporary easements

C Denotes Construction Limits in Cuts

F Denotes Construction Limits in Fills



NOTES

- Lot dimensions in parentheses are from deed.
- Property owners correct as of 20__
- Ordinance Number _____
- Adopted _____
- Accepted _____

Existing Legend

- Storm Sewer
- Sanitary Sewer (sewer)
- Gas Line
- Electric Line
- Overhead Utility
- Telephone/Telegraph
- Water Line
- Property Line
- Storm Basin
- Storm or Sanitary Manhole
- Pipe Hydrant / Valve

Proposed Legend

- Sanitary Sewer
- Storm Sewer
- Storm (San) Manhole
- Basin
- Curb Cut Ramp
- Decorative Light
- Conduit
- Conduit (Encased)

Water Meter

- Existing Curb Cut Ramp
- Gas Meter / Valve
- Fence
- Power/Light Pole
- Guy Anchor
- Tree

Proposed Legend

- Sanitary Sewer
- Storm Sewer
- Storm (San) Manhole
- Basin
- Curb Cut Ramp
- Decorative Light
- Conduit
- Conduit (Encased)

City of Richmond

ESTABLISHED 1771

Technical	Administrative
Surveys Superintendent	Capital Project Administrator
Project Manager	City Engineer
Maintenance Engineer	Director of Public Works
City Traffic Engineer	

DEPARTMENT OF PUBLIC WORKS
RICHMOND, VIRGINIA

RK&K

Responsive People • Creative Solutions

SHOCKOE VALLEY STREET IMPROVEMENTS

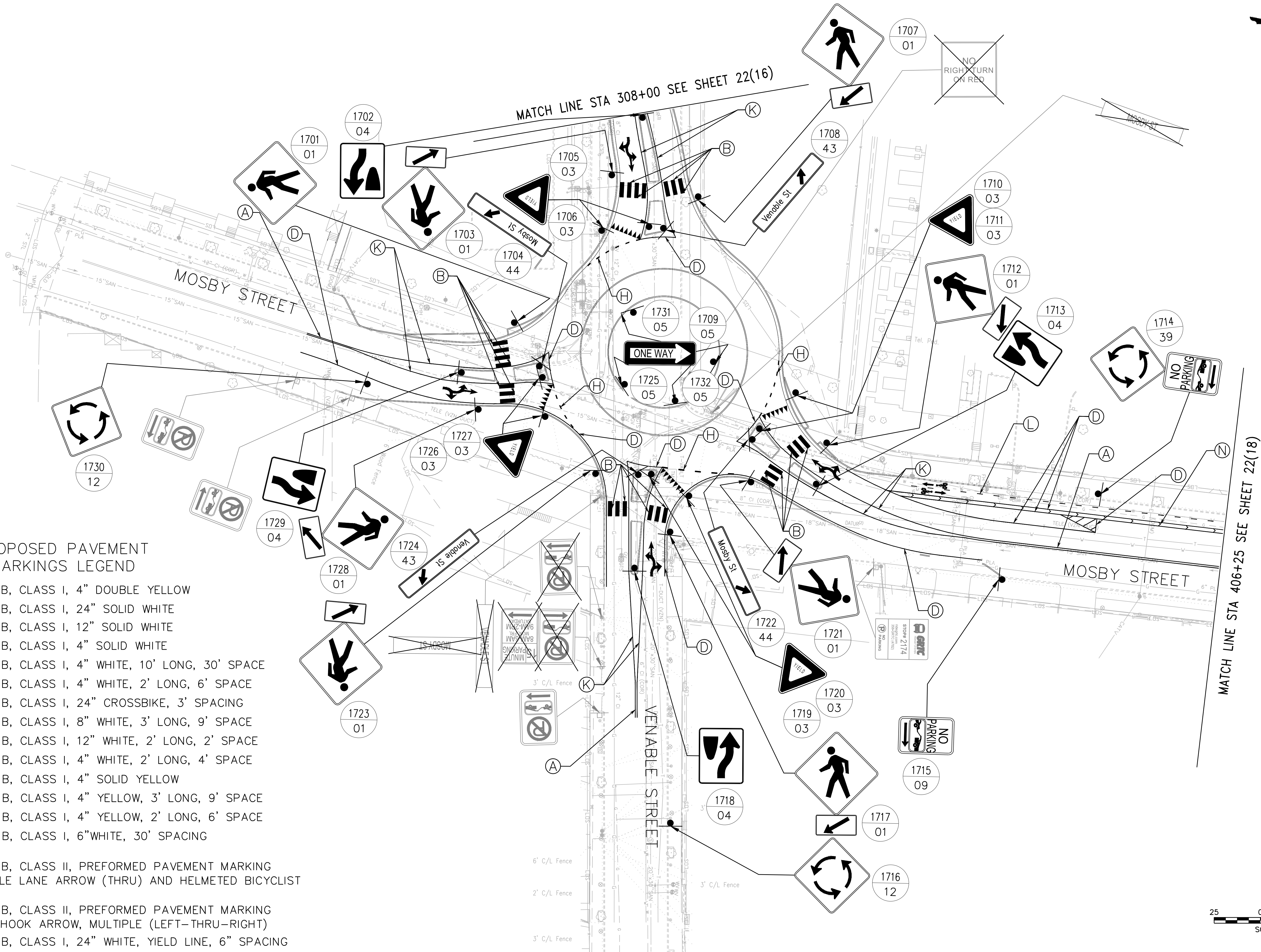
PLAN SHEET

70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR CONSTRUCTION

REVISED JULY 2026

DESIGN BY:	DATE:	PROJECT:	DRAWING NO.
DBeale <td>SEPTEMBER 2022<td>SHOCKOE VALLEY STREET IMPROVEMENTS</td><td>0-28633</td></td>	SEPTEMBER 2022 <td>SHOCKOE VALLEY STREET IMPROVEMENTS</td> <td>0-28633</td>	SHOCKOE VALLEY STREET IMPROVEMENTS	0-28633
DRAWN BY:	REVIEWED BY:	FIELD NOTES:	
Alexander			
CHECKED BY:			
ASamberg			

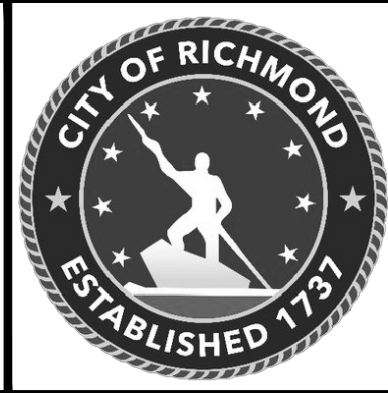


PROPOSED PAVEMENT MARKINGS LEGEND

- (A) TYPE B, CLASS I, 4" DOUBLE YELLOW
- (B) TYPE B, CLASS I, 24" SOLID WHITE
- (C) TYPE B, CLASS I, 12" SOLID WHITE
- (D) TYPE B, CLASS I, 4" SOLID WHITE
- (E) TYPE B, CLASS I, 4" WHITE, 10' LONG, 30' SPACE
- (F) TYPE B, CLASS I, 4" WHITE, 2' LONG, 6' SPACE
- (G) TYPE B, CLASS I, 24" CROSSBIKE, 3' SPACING
- (H) TYPE B, CLASS I, 8" WHITE, 3' LONG, 9' SPACE
- (I) TYPE B, CLASS I, 12" WHITE, 2' LONG, 2' SPACE
- (J) TYPE B, CLASS I, 4" WHITE, 2' LONG, 4' SPACE
- (K) TYPE B, CLASS I, 4" SOLID YELLOW
- (L) TYPE B, CLASS I, 4" YELLOW, 3' LONG, 9' SPACE
- (M) TYPE B, CLASS I, 4" YELLOW, 2' LONG, 6' SPACE
- (N) TYPE B, CLASS I, 6" WHITE, 30' SPACING
- ↑ TYPE B, CLASS II, PREFORMED PAVEMENT MARKING BICYCLE LANE ARROW (THRU) AND HELMETED BICYCLIST
- ↗ TYPE B, CLASS II, PREFORMED PAVEMENT MARKING FISH-HOOK ARROW, MULTIPLE (LEFT-THRU-RIGHT)
- ▼ TYPE B, CLASS I, 24" WHITE, YIELD LINE, 6" SPACING

NOTES	
1. Lot dimensions in parentheses are from deed.	
2. Property owners correct as of _____, 20__	
3. Ordinance Number _____	
4. Adopted _____	
5. Accepted _____	
REFERENCES	REVISIONS

Existing Legend		Proposed Legend	
Storm Sewer		Sanitary Sewer	
Sanitary Sewer (Gravity)		Storm/San Manhole	
Gas Line		Basin	
Electric Line		Curb Cut Ramp	
Overhead Utility		Decorative Light	
Telephone/Telegraph		Conduit (Encased)	
Water Line			
Property Line			
Storm Basin			
Storm or Sanitary Manhole			
Pipe Hydrant / Valve			



Technical	Administrative
Surveys Superintendent	
Project Manager	Capital Project Administrator
Maintenance Engineer	City Engineer
City Traffic Engineer	Director of Public Works
DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA	

SHOCKOE VALLEY STREET IMPROVEMENTS
SIGNING AND PAVEMENT MARKING PLAN
PLAN SHEET

DESIGN BY: DBeale	REVIEWED BY:	FIELD NOTES	SCALE	DATE SEPTEMBER 2022	PROJECT SHEET 22(17)	DRAWING NO. 0-28633
DRAWN BY: Alexander						
CHECKED BY: ASamberg						

70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR CONSTRUCTION

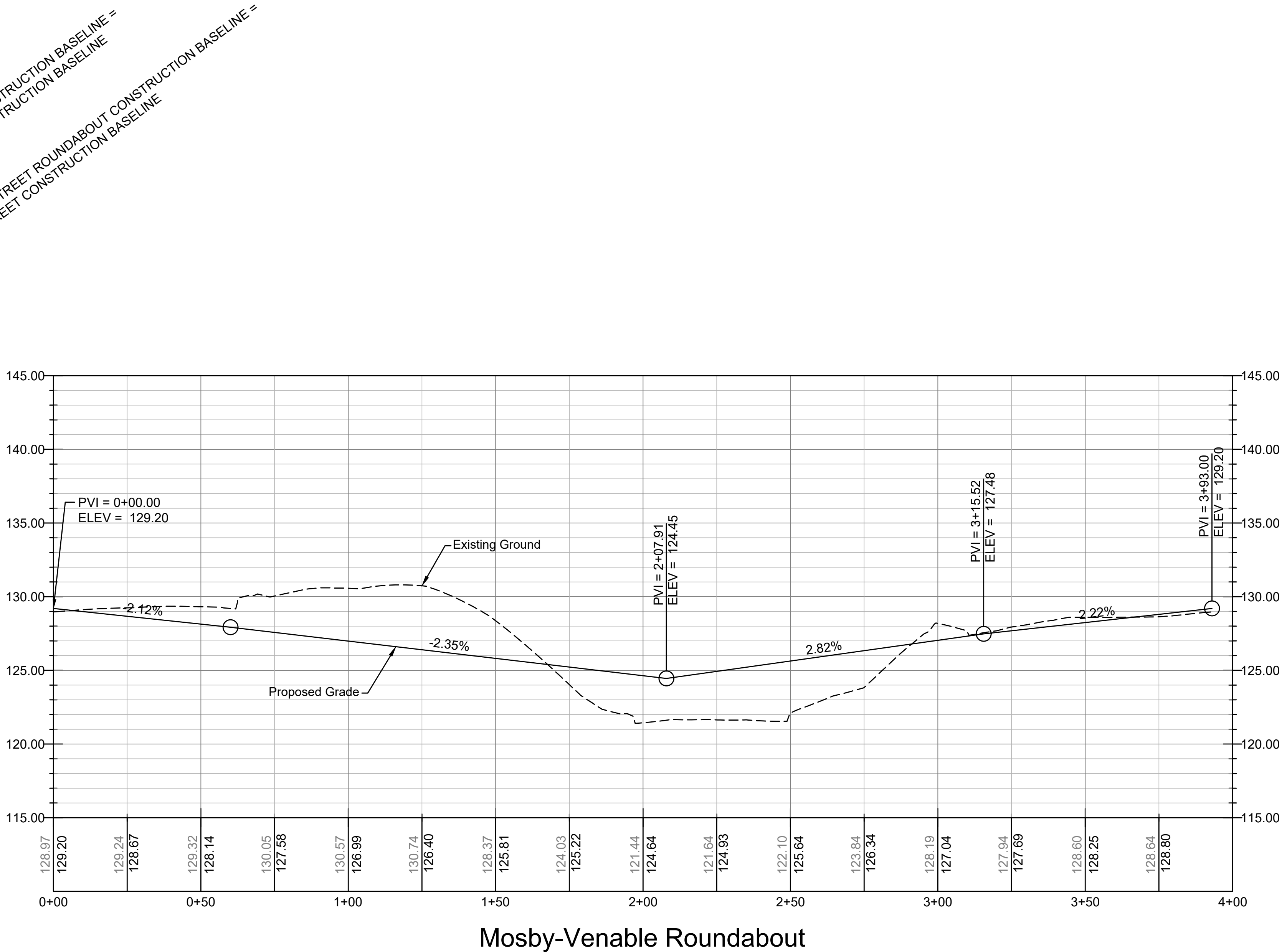
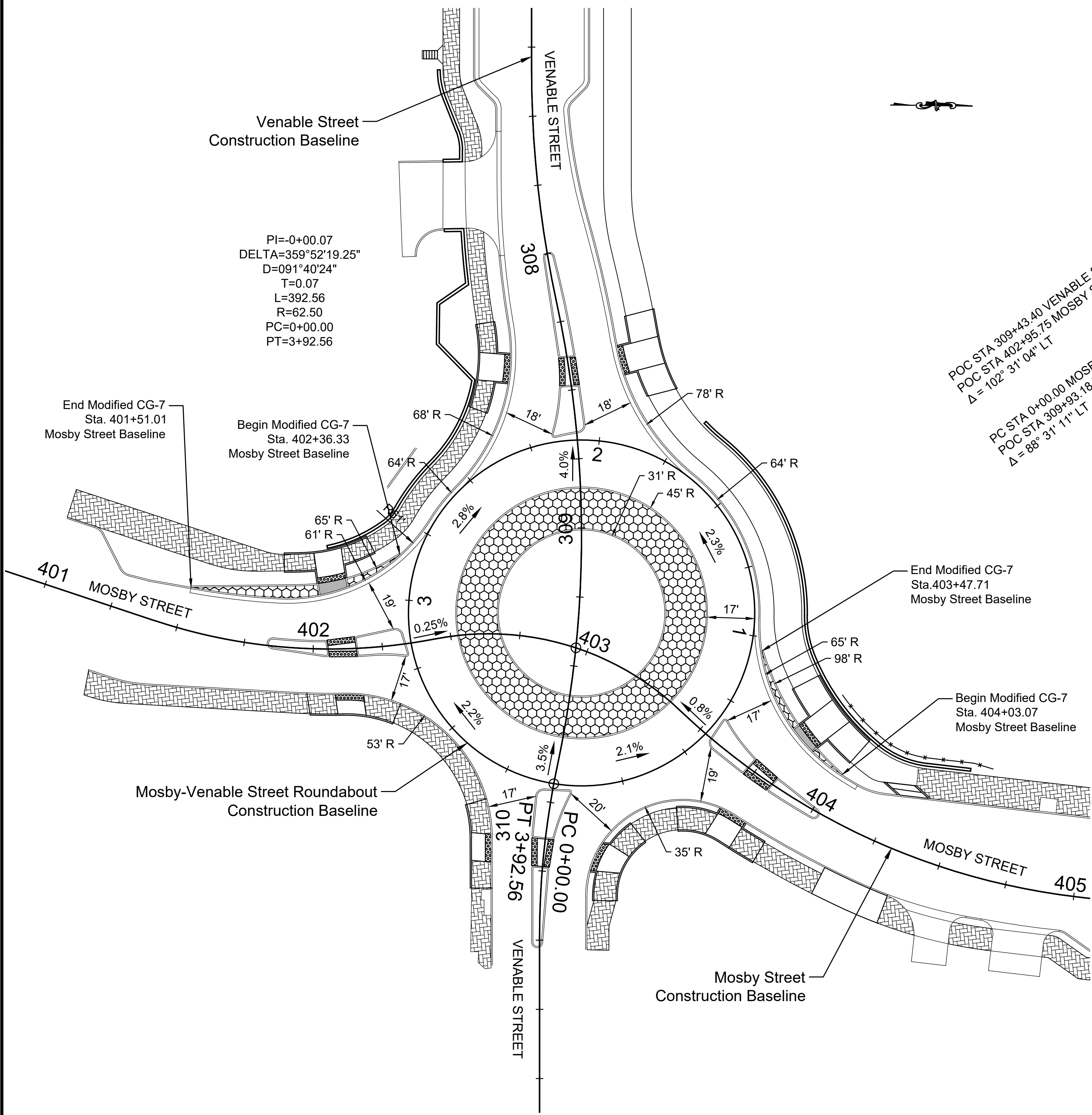
REVISED JULY 2026

70% SUBMITTAL
SEPTEMBER 2022

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR CONSTRUCTION



ROUNDABOUT DETAIL SHEET



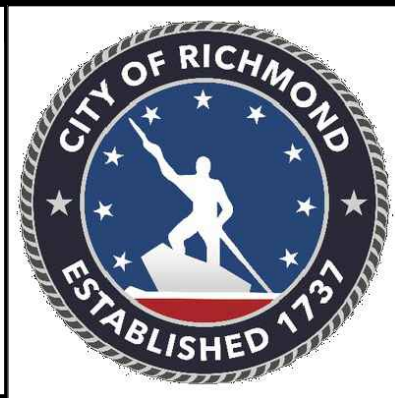
REVISED JULY 2026

70% SUBMITTAL
 SEPTEMBER 2022

THESE PLANS ARE
 UNFINISHED AND
 UNAPPROVED AND
 ARE NOT TO BE
 USED FOR
 CONSTRUCTION

NOTES	
1. Lot dimensions in parentheses are from deed.	
2. Property owners correct as of _____, 20__	
3. Ordinance Number _____	
4. Adopted _____	
5. Accepted _____	
REFERENCES	REVISIONS

Existing Legend		Proposed Legend	
Storm Sewer		Sanitary Sewer	
Sanitary Sewer (sway)		Storm (San) Manhole	
Gas Line		Basin	
Electric Line		Curb Cut Ramp	
Overhead Utility		Decorative Light	
Telephone/Telegraph		Conduit (Encased)	
Water Line			
Property Line			
Storm Basin			
Storm or Sanitary Manhole			
Fire Hydrant / Valve			



Technical	Administrative
Surveys Superintendent	
Project Manager	Capital Project Administrator
Maintenance Engineer	City Engineer
City Traffic Engineer	Director of Public Works
DEPARTMENT OF PUBLIC WORKS RICHMOND, VIRGINIA	

		SHOCKOE VALLEY STREET IMPROVEMENTS MOSBY STREET AND VENABLE STREET ROUNDABOUT	
AUTHORITY: CITY OF RICHMOND, DPW DESIGN BY: Dbeale DRAWN BY: Alexander CHECKED BY: ASamberg	REVIEWED BY:	FIELD NOTES	SCALE
DATE SEPTEMBER 2022	PROJECT SHEET 2M(3)	DRAWING NO. 0-28633	