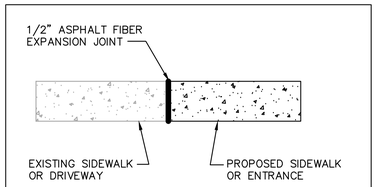
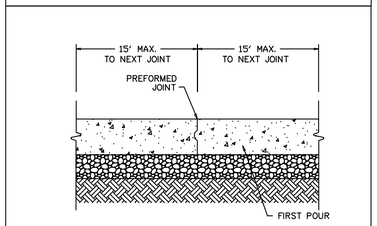
FINAL PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

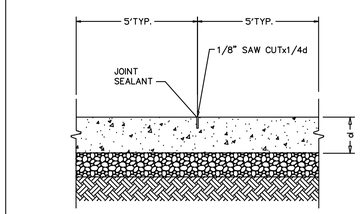
| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961 EN14-321-005, P101, R201, C501 | 2A |




CONCRETE EXPANSION JOINT DETAIL
NOT TO SCALE

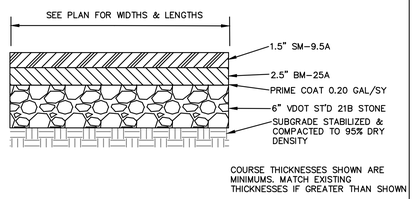



TYPICAL CONSTRUCTION JOINT
NOT TO SCALE

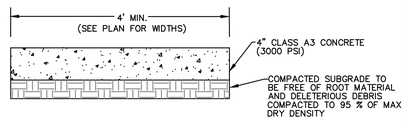



TYPICAL CONTROL JOINT
NOT TO SCALE

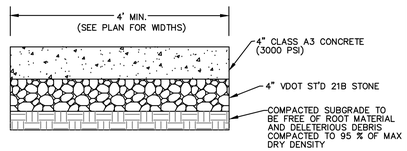
CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO MATCH THE ENTIRE FINISHED ASPHALT PATCH SURFACE TO THE EXISTING PAVEMENT FOR GRADE, ALIGNMENT AND CONTOUR.
IRREGULARITIES SUCH AS DIPS, HUMPS, UNEVEN SURFACES, HONEYCOMBING, ETC. WILL NOT BE ALLOWED.



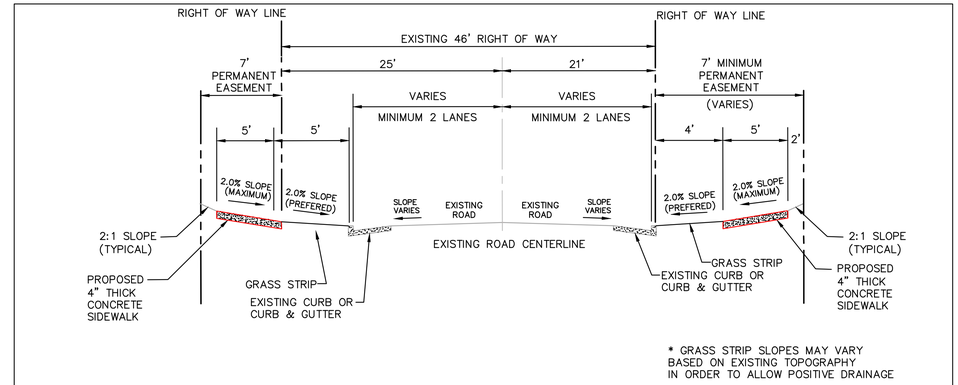

PAVEMENT REPLACEMENT DETAIL
ROADWAYS AND PARKING AREAS




CONCRETE SIDEWALK DETAIL – STANDARD
NOT TO SCALE



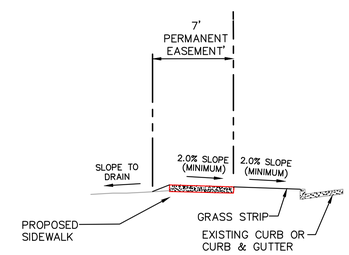

CONCRETE SIDEWALK DETAIL – OPTIONAL
NOT TO SCALE



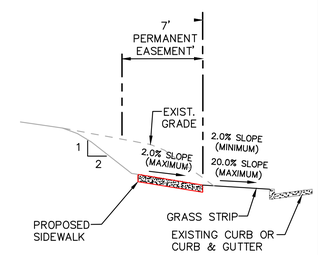

* GRASS STRIP SLOPES MAY VARY BASED ON EXISTING TOPOGRAPHY IN ORDER TO ALLOW POSITIVE DRAINAGE

NOTE:
DIRECTION AND MAGNITUDE OF SLOPES MAY CHANGE BASED ON EXISTING TOPOGRAPHY– SEE THE SECTIONS BELOW

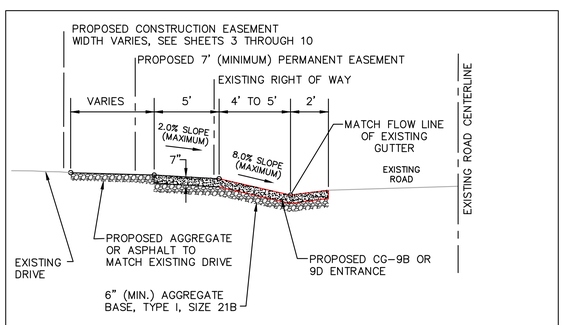
TYPICAL ROAD & SIDEWALK SECTION
RICHMOND ROAD (ROUTE 360)
NOT TO SCALE




TYPICAL SIDEWALK SECTION
WHERE EXISTING SLOPE IS
AWAY FROM THE ROAD
NOT TO SCALE



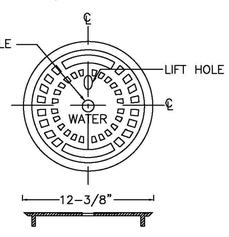

TYPICAL SIDEWALK SECTION
WHERE A STEEP SLOPE IS
TOWARD THE ROAD
NOT TO SCALE



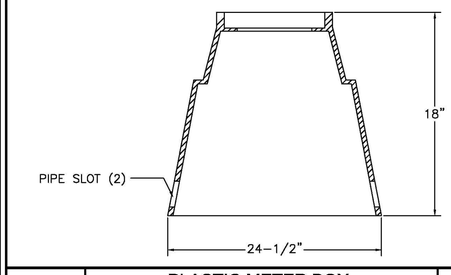

TYPICAL ENTRANCE SECTION
NOT TO SCALE

NOTES:

1. IF REQUIRED, SAW CUT EXISTING PAVEMENT TO PROVIDE CLEAN EDGE FOR PLACEMENT OF NEW PAVEMENT.
2. ALL CONCRETE, ASPHALT AND GRAVEL SHALL MEET VDOT REQUIREMENTS.
3. ALL ENTRANCES, CURB AND GUTTER AND PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH VDOT REQUIREMENTS.
4. PRIME AND TACK COATS REQUIRED IF GRAVEL OR ASPHALT SURFACES ARE EXPOSED FOR MORE THAN 30 DAYS.
5. CONTRACTOR SHALL ENSURE THAT GRAVEL BASE REMAINS CLEAN AND FREE OF SOIL, SEDIMENT AND DEBRIS. CONTRACTOR SHALL REPLACE ANY CONTAMINATED GRAVEL.
6. CONTRACTOR SHALL PLACE 6" OF VDOT 21B STONE UNDER ALL CURB AND GUTTER. STONE BASE SHALL EXTEND FOR AT LEAST 1.0' BEHIND BACK OF CURB.

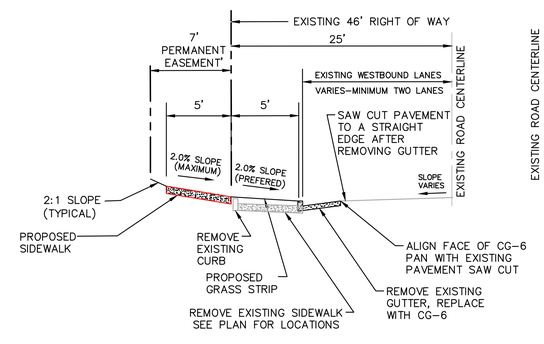



NOTE: COVER LID MUST BE CAST IRON.

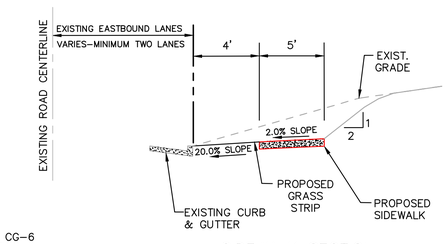



PLASTIC METER BOX
(5/8" AND 1" METERS)

DETAIL MET-2




TYPICAL SECTION FROM
STATION 29+25± TO 30+20± LEFT
SHOWING DEMOLITION AND NEW WORK
NOT TO SCALE




SIDEWALK SECTION
STATION 16+70 TO 17+05 RIGHT
NOT TO SCALE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COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7550
1-16-2024
PROFESSIONAL ENGINEER

REVISIONS:
8-19-2021 REVISION 2 – REMOVED PROPOSED 12" WATERLINE FROM ALL SHEETS
9-10-2021 REVISION 3 – ADDED "UFI PLANS" TO ALL SHEETS
9-29-2023 REVISED PER VDOT COMMENTS
1-16-2024 ADDENDUM NO.1

DESIGNED: SB
DRAWN: JMS
CHECKED: CDR
DATE: 1-31-2018


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TOWN OF WARSAW, VIRGINIA
SAFE PEDESTRIAN ROUTES
VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
RIGHT OF WAY PLAN
ROAD AND SIDEWALK SECTIONS

PROJECT NO.: 98025.15
SHEET: 2A


H:\98025.15 Warsaw Sidewalk Improvements\TITLE-NTS-DTLS-WARSAW-SW.dwg Plotted: Jan 16, 2024-3:48pm

| STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961<br>EN14-321-005,<br>P101, R201, C501 | 3 |

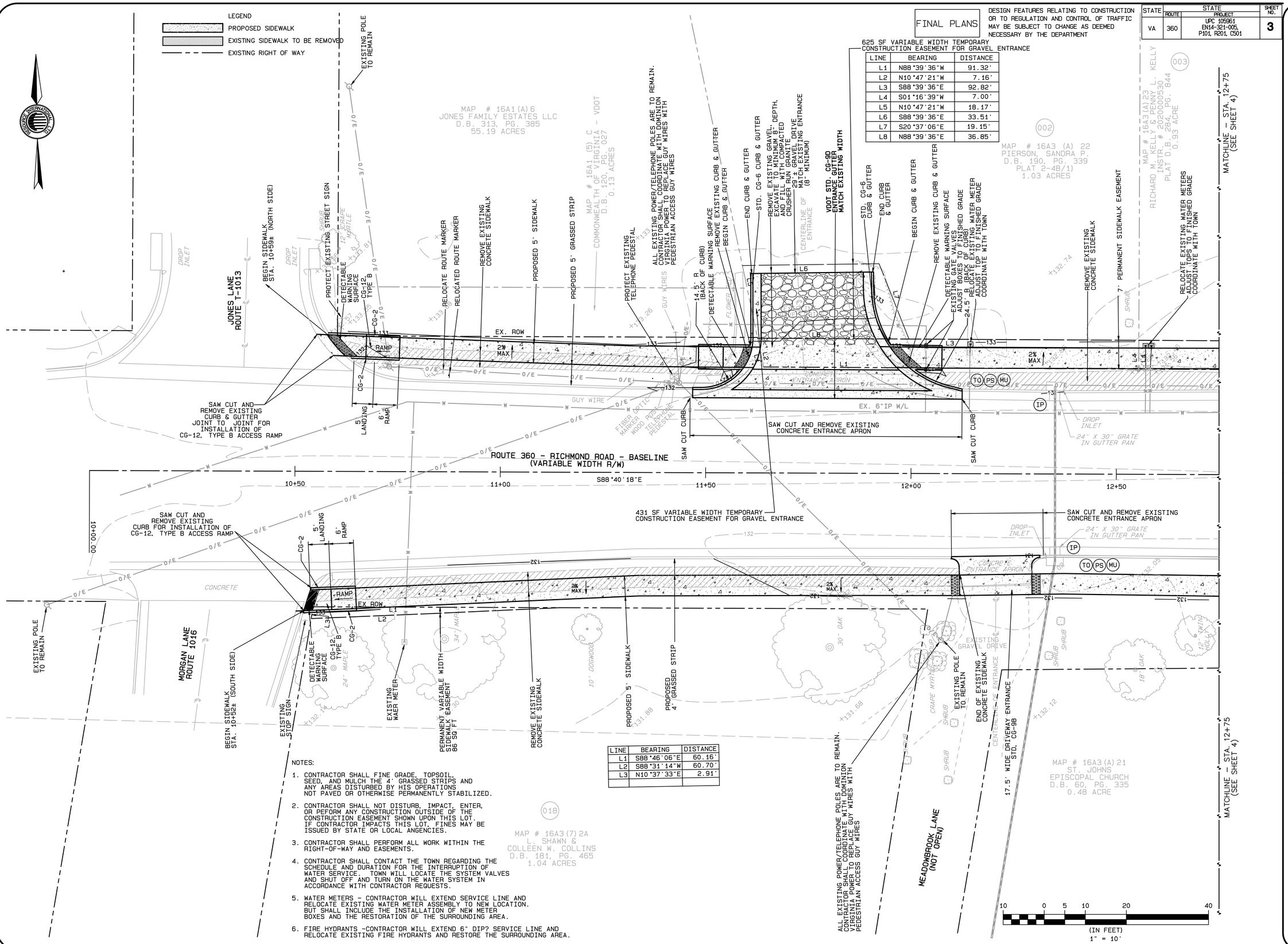
FINAL PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEGEND
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

625 SF VARIABLE WIDTH TEMPORARY CONSTRUCTION EASEMENT FOR GRAVEL ENTRANCE

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N88°39'36"W | 91.32' |
| L2 | N10°47'21"W | 7.16' |
| L3 | S88°39'36"E | 92.82' |
| L4 | S01°16'39"W | 7.00' |
| L5 | N10°47'21"W | 18.17' |
| L6 | S88°39'36"E | 33.51' |
| L7 | S20°37'06"E | 19.15' |
| L8 | N88°39'36"E | 36.85' |




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S88°46'06"E | 60.16' |
| L2 | S88°31'14"W | 60.70' |
| L3 | N10°37'33"E | 2.91' |

NOTES:

1. CONTRACTOR SHALL FINE GRADE, TOPSOIL, SEED, AND MULCH THE 4' GRASSED STRIPS AND ANY AREAS DISTURBED BY HIS OPERATIONS NOT PAVED OR OTHERWISE PERMANENTLY STABILIZED.
2. CONTRACTOR SHALL NOT DISTURB, IMPACT, ENTER, OR PEFORM ANY CONSTRUCTION OUTSIDE OF THE CONSTRUCTION EASEMENT SHOWN UPON THIS LOT. IF CONTRACTOR IMPACTS THIS LOT, FINES MAY BE ISSUED BY STATE OR LOCAL ANGENCIES.
3. CONTRACTOR SHALL PERFORM ALL WORK WITHIN THE RIGHT-OF-WAY AND EASEMENTS.
4. CONTRACTOR SHALL CONTACT THE TOWN REGARDING THE SCHEDULE AND DURATION FOR THE INTERRUPTION OF WATER SERVICE. TOWN WILL LOCATE THE SYSTEM VALVES AND SHUT OFF AND TURN ON THE WATER SYSTEM IN ACCORDANCE WITH CONTRACTOR REQUESTS.
5. WATER METERS - CONTRACTOR WILL EXTEND SERVICE LINE AND RELOCATE EXISTING WATER METER ASSEMBLY TO NEW LOCATION. BUT SHALL INCLUDE THE INSTALLATION OF NEW METER BOXES AND THE RESTORATION OF THE SURROUNDING AREA.
6. FIRE HYDRANTS -CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.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(804) 550-9200 FAX (804) 550-9259


COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:
10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - REVISED PROPOSED WATER LINE FROM ALL SHEETS
9-13-2021 REVISION 3 - ADDED UTILITY EASEMENTS
11-22-2021 REVISED PER VDOT COMMENTS
12-14-2021 REVISED PER VDOT COMMENTS
2-3-2022 REVISED PER VDOT COMMENTS
7-19-2022 REVISED PER VDOT COMMENTS
8-18-2022 REVISED PER VDOT COMMENTS
9-29-2022 REVISED PER VDOT COMMENTS
4-14-2023 ADDED ADA RAMP

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES
## VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE 360 – RICHMOND ROAD
STA 10+00.00 TO STA 12+75.00

PROJECT NO.: 98025.15

SHEET: 3


1/16/2024 4:01:23PM
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FINAL PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961<br>EN14-321-005,<br>P101, R201, C501 | 4 |

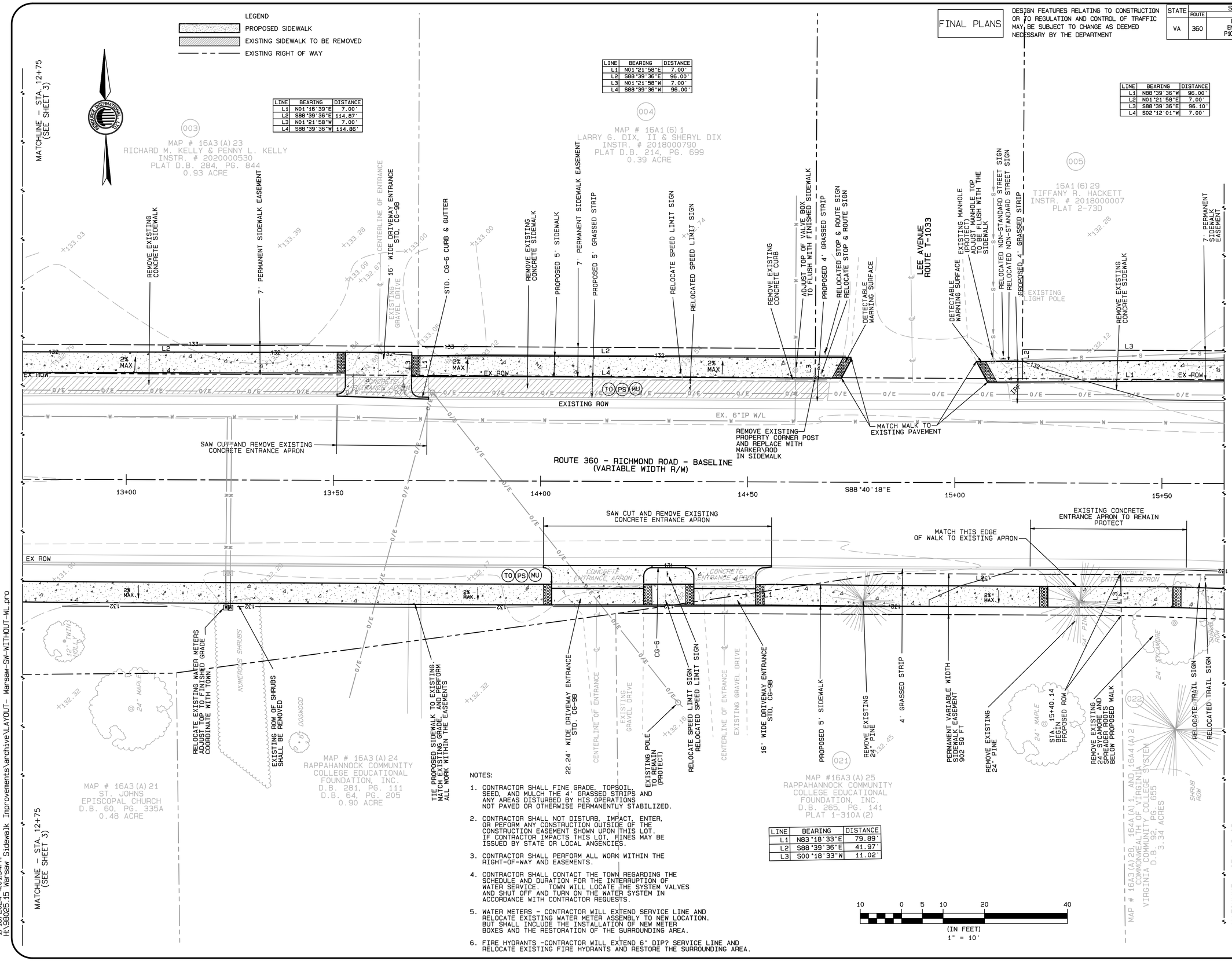
LEGEND

- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N01°16'39"E | 7.00' |
| L2 | S88°39'36"E | 114.87' |
| L3 | N01°21'58"W | 7.00' |
| L4 | S88°39'36"W | 114.86' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N01°21'58"E | 7.00' |
| L2 | S88°39'36"E | 96.00' |
| L3 | N01°21'58"W | 7.00' |
| L4 | S88°39'36"W | 96.00' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N88°39'36"W | 96.00' |
| L2 | N01°21'58"E | 7.00' |
| L3 | S88°39'36"E | 96.10' |
| L4 | S02°12'01"W | 7.00' |




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N83°18'33"E | 79.89' |
| L2 | S88°39'36"E | 41.97' |
| L3 | S00°18'33"W | 11.02' |

NOTES:

1. CONTRACTOR SHALL FINE GRADE, TOPSOIL, SEED, AND MULCH THE 4' GRASSED STRIPS AND ANY AREAS DISTURBED BY HIS OPERATIONS NOT PAVED OR OTHERWISE PERMANENTLY STABILIZED.
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5. WATER METERS - CONTRACTOR WILL EXTEND SERVICE LINE AND RELOCATE EXISTING WATER METER ASSEMBLY TO NEW LOCATION. BUT SHALL INCLUDE THE INSTALLATION OF NEW METER BOXES AND THE RESTORATION OF THE SURROUNDING AREA.
6. FIRE HYDRANTS -CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.

10 0 5 10 20 40
(IN FEET)
1" = 10'


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COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:

10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - REVISED TO MATCH WATER LINE FROM ALL SHEETS
9-13-2021 REVISION 3 - ADJUSTED TO MATCH SHEETS
11-12-2021 REVISED PER VDOT COMMENTS
11-22-2021 REVISED PER VDOT COMMENTS
1-5-2022 REVISED PER VDOT COMMENTS
2-3-2022 REVISED PER VDOT COMMENTS
7-19-2022 REVISED PER VDOT COMMENTS
8-25-2022 REVISED PER VDOT COMMENTS
9-26-2022 REVISED PER VDOT COMMENTS
1-16-2024 REVISED PER VDOT COMMENTS

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES
## VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE. 360 – RICHMOND ROAD
STA 12+75.00 TO STA 15+65.00

PROJECT NO.: 98025.15

SHEET: 4

1/16/2024 4:01:34PM
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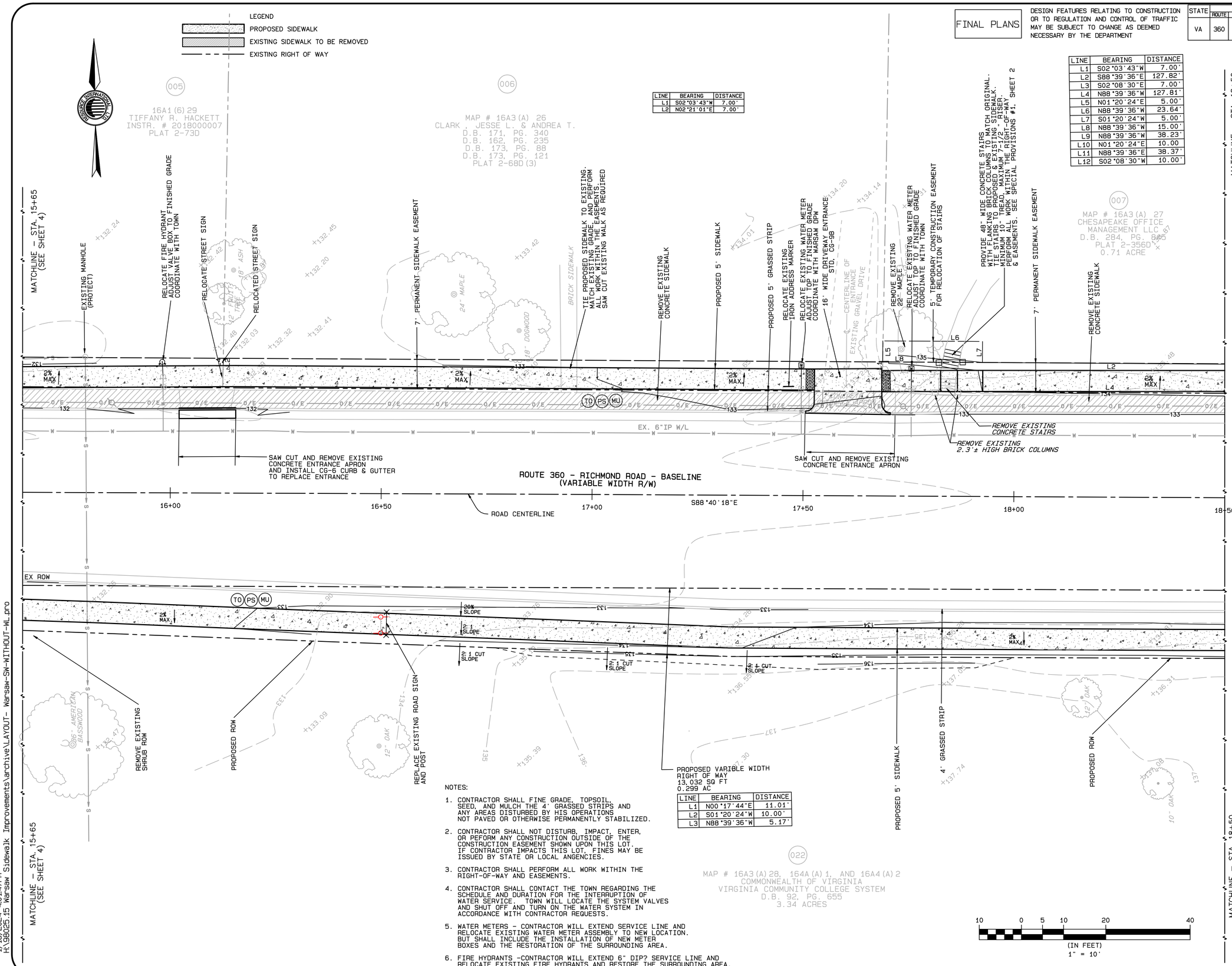
FINAL PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961<br>EN14-321-005,<br>P101, R201, C501 | 5 |

LEGEND
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S02°03'43"W | 7.00' |
| L2 | N02°21'01"E | 7.00' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S02°03'43"W | 7.00' |
| L2 | S88°39'36"E | 127.82' |
| L3 | S02°08'30"E | 7.00' |
| L4 | N88°39'36"W | 127.81' |
| L5 | N01°20'24"E | 5.00' |
| L6 | N88°39'36"W | 23.64' |
| L7 | S01°20'24"W | 5.00' |
| L8 | N88°39'36"W | 15.00' |
| L9 | N88°39'36"W | 38.23' |
| L10 | N01°20'24"E | 10.00 |
| L11 | N88°39'36"E | 38.37' |
| L12 | S02°08'30"W | 10.00' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N00°17'44"E | 11.01' |
| L2 | S01°20'24"W | 10.00' |
| L3 | N88°39'36"W | 5.17' |

NOTES:

1. CONTRACTOR SHALL FINE GRADE, TOPSOIL, SEED, AND MULCH THE 4' GRASSED STRIPS AND ANY AREAS DISTURBED BY HIS OPERATIONS NOT PAVED OR OTHERWISE PERMANENTLY STABILIZED.
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6. FIRE HYDRANTS -CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.

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(804) 550-9200 FAX (804) 550-9259


COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
Lic. No. 7552
1-16-2024
PROFESSIONAL ENGINEER

REVISIONS:
10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - RESPONSE TO MATCHLINE FROM ALL SHEETS
9-10-2021 REVISION 3 - REVISED TO FINAL EASEMENTS
11-22-2021 REVISED PER VDOT COMMENTS
11-15-2022 REVISED PER VDOT COMMENTS
2-3-2022 REVISED PER VDOT COMMENTS
5-19-2022 REVISED PER VDOT COMMENTS
7-21-2022 REVISED PER VDOT COMMENTS
9-28-2023 REVISED PER VDOT COMMENTS
1-16-2024 REVISED PER VDOT COMMENTS

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE. 360 – RICHMOND ROAD
STA 15+65.00 TO STA 18+50.00

PROJECT NO.: 98025.15

SHEET: 5

FINAL PLANS

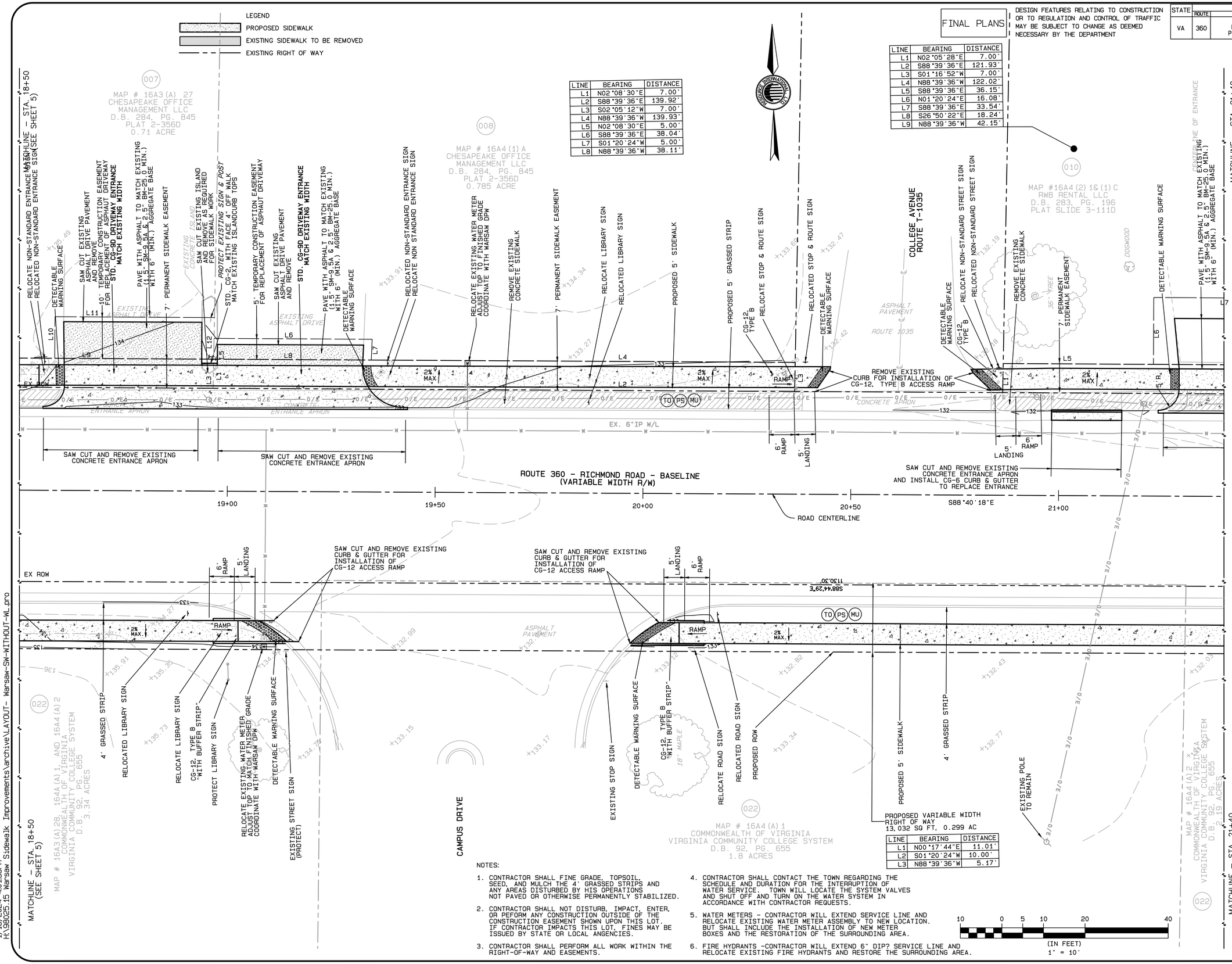
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961 EN14-321-005, P101, R201, C501 | 6 |

LEGEND
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N02°08'30"E | 7.00' |
| L2 | S88°39'36"E | 139.92' |
| L3 | S02°05'12"W | 7.00' |
| L4 | N88°39'36"W | 139.93' |
| L5 | N02°08'30"E | 5.00' |
| L6 | S88°39'36"E | 38.04' |
| L7 | S01°20'24"W | 5.00' |
| L8 | N88°39'36"W | 38.11' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N02°05'28"E | 7.00' |
| L2 | S88°39'36"E | 121.93' |
| L3 | S01°16'52"W | 7.00' |
| L4 | N88°39'36"W | 122.02' |
| L5 | S88°39'36"E | 36.15' |
| L6 | N01°20'24"E | 16.08' |
| L7 | S88°39'36"E | 33.54' |
| L8 | S26°50'22"E | 18.24' |
| L9 | N88°39'36"W | 42.15' |




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N00°17'44"E | 11.01' |
| L2 | S01°20'24"W | 10.00' |
| L3 | N88°39'36"W | 5.17' |

NOTES:

1. CONTRACTOR SHALL FINE GRADE, TOPSOIL, SEED, AND MULCH THE 4' GRASSED STRIPS AND ANY AREAS DISTURBED BY HIS OPERATIONS NOT PAVED OR OTHERWISE PERMANENTLY STABILIZED.
2. CONTRACTOR SHALL NOT DISTURB, IMPACT, ENTER, OR PEFORM ANY CONSTRUCTION OUTSIDE OF THE CONSTRUCTION EASEMENT SHOWN UPON THIS LOT. IF CONTRACTOR IMPACTS THIS LOT, FINES MAY BE ISSUED BY STATE OR LOCAL ANGENCIES.
3. CONTRACTOR SHALL PERFORM ALL WORK WITHIN THE RIGHT-OF-WAY AND EASEMENTS.
4. CONTRACTOR SHALL CONTACT THE TOWN REGARDING THE SCHEDULE AND DURATION FOR THE INTERRUPTION OF WATER SERVICE. TOWN WILL LOCATE THE SYSTEM VALVES AND SHUT OFF AND TURN ON THE WATER SYSTEM IN ACCORDANCE WITH CONTRACTOR REQUESTS.
5. WATER METERS - CONTRACTOR WILL EXTEND SERVICE LINE AND RELOCATE EXISTING WATER METER ASSEMBLY TO NEW LOCATION. BUT SHALL INCLUDE THE INSTALLATION OF NEW METER BOXES AND THE RESTORATION OF THE SURROUNDING AREA.
6. FIRE HYDRANTS -CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.

10 0 5 10 20 40
(IN FEET)
1" = 10'

1/16/2024 4:01:55PM
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RESOURCE INTERNATIONAL, LTD.
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P.O. BOX 6160 ◦ 9560 KINGS CHARTER DRIVE ◦ ASHLAND, VA 23005
(804) 550-9200 FAX (804) 550-9259


COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:
10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - REVISED PER VDOT COMMENTS ALL SHEETS
9-10-2021 REVISION 3 - ADJUSTED TO MATCH WATER LINE FROM 11-1-2021 REVISED PER VDOT COMMENTS
11-22-2021 REVISED PER VDOT COMMENTS
12-21-2021 REVISED PER VDOT COMMENTS
2-3-2022 REVISED PER VDOT COMMENTS
7-21-2022 REVISED PER VDOT COMMENTS
9-28-2022 REVISED PER VDOT COMMENTS
5-25-2023 REVISED PER VDOT COMMENTS
1-16-2024 ADDED SIGNATURE BLOCK

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
# SAFE PEDESTRIAN ROUTES VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE 360 – RICHMOND ROAD
STA 18+50.00 TO STA 21+40.00

PROJECT NO.: 98025.15

SHEET: 6

RW PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961 EN14-321-005, P101, R201, C501 | 7 |

LEGEND

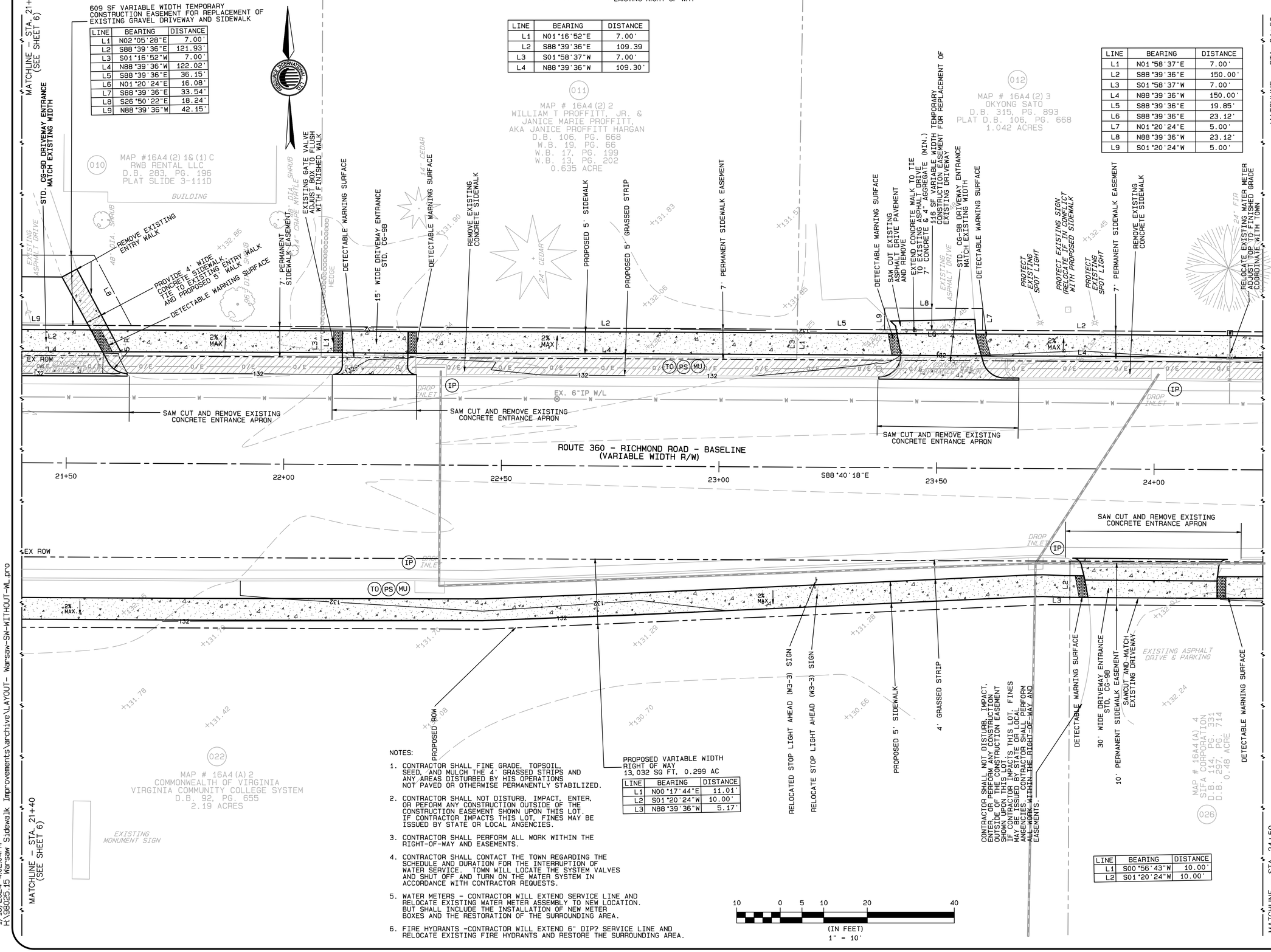
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N01°16'52"E | 7.00' |
| L2 | S88°39'36"E | 109.39 |
| L3 | S01°58'37"W | 7.00' |
| L4 | N88°39'36"W | 109.30' |

609 SF VARIABLE WIDTH TEMPORARY CONSTRUCTION EASEMENT FOR REPLACEMENT OF EXISTING GRAVEL DRIVEWAY AND SIDEWALK

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N02°05'28"E | 7.00' |
| L2 | S88°39'36"E | 121.93' |
| L3 | S01°16'52"W | 7.00' |
| L4 | N88°39'36"W | 122.02' |
| L5 | S88°39'36"E | 36.15' |
| L6 | N01°20'24"E | 16.08' |
| L7 | S88°39'36"E | 33.54' |
| L8 | S26°50'22"E | 18.24' |
| L9 | N88°39'36"W | 42.15' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N01°58'37"E | 7.00' |
| L2 | S88°39'36"E | 150.00' |
| L3 | S01°58'37"W | 7.00' |
| L4 | N88°39'36"W | 150.00' |
| L5 | S88°39'36"E | 19.85' |
| L6 | S88°39'36"E | 23.12' |
| L7 | N01°20'24"E | 5.00' |
| L8 | N88°39'36"W | 23.12' |
| L9 | S01°20'24"W | 5.00' |




PROPOSED VARIABLE WIDTH RIGHT OF WAY
13,032 SQ FT, 0.299 AC

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N00°17'44"E | 11.01' |
| L2 | S01°20'24"W | 10.00' |
| L3 | N88°39'36"W | 5.17' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S00°56'43"W | 10.00' |
| L2 | S01°20'24"W | 10.00' |

NOTES:

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(IN FEET)
1" = 10'

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COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:

10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - REVISED TO MATCH LINE FROM ALL SHEETS
9-10-2021 REVISION 3 - ADDED PROPOSED WATER SHEETS
11-22-2021 REVISED PER VDOT COMMENTS
11-15-2022 REVISED PER VDOT COMMENTS
5-18-2022 REVISED PER VDOT COMMENTS
1-16-2024 ADDENDUM No.1

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES
## VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE 360 – RICHMOND ROAD
STA 21+40.00 TO STA 24+25.00

PROJECT NO.: 98025.15

SHEET: 7

RW PLANS

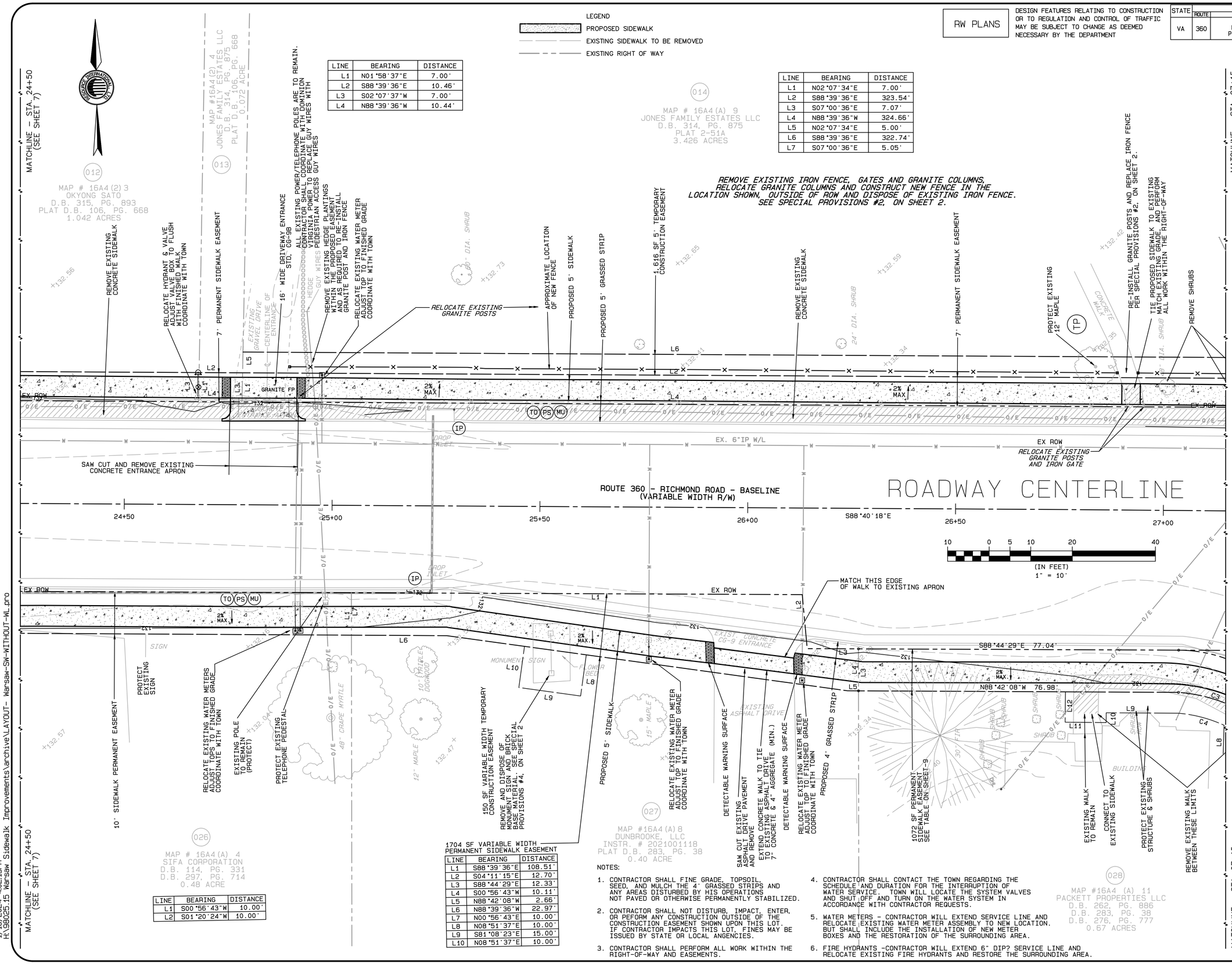
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961<br>EN14-321-005,<br>P101, R201, C501 | 8 |

LEGEND
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N01°58'37"E | 7.00' |
| L2 | S88°39'36"E | 10.46' |
| L3 | S02°07'37"W | 7.00' |
| L4 | N88°39'36"W | 10.44' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N02°07'34"E | 7.00' |
| L2 | S88°39'36"E | 323.54' |
| L3 | S07°00'36"E | 7.07' |
| L4 | N88°39'36"W | 324.66' |
| L5 | N02°07'34"E | 5.00' |
| L6 | S88°39'36"E | 322.74' |
| L7 | S07°00'36"E | 5.05' |




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S00°56'43"W | 10.00' |
| L2 | S01°20'24"W | 10.00' |

1704 SF VARIABLE WIDTH PERMANENT SIDEWALK EASEMENT

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S88°39'36"E | 108.51' |
| L2 | S04°11'15"E | 12.70' |
| L3 | S88°44'29"E | 12.33' |
| L4 | S00°56'43"W | 10.11' |
| L5 | N88°42'08"W | 2.66' |
| L6 | N88°39'36"W | 22.97' |
| L7 | N00°56'43"E | 10.00' |
| L8 | N08°51'37"E | 10.00' |
| L9 | S81°08'23"E | 15.00' |
| L10 | N08°51'37"E | 10.00' |

NOTES:

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6. FIRE HYDRANTS –CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.


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COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:
10-25-2018 REVISION 1 – OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 – FINAL REVISED TO MATCH WATER LINE FROM ALL SHEETS
9-10-2021 REVISION 3 – REVISED TO MATCH SHEETS
11-22-2021 REVISED PER VDOT COMMENTS
11-22-2021 REVISED PER VDOT COMMENTS
5-18-2022 REVISED PER VDOT COMMENTS
1-16-2024 ADDENDUM No.1

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE 360 – RICHMOND ROAD
STA 24+25.00 TO STA 27+15.00

PROJECT NO.: 98025.15

SHEET: 8


1/16/2024 4:02:13PM
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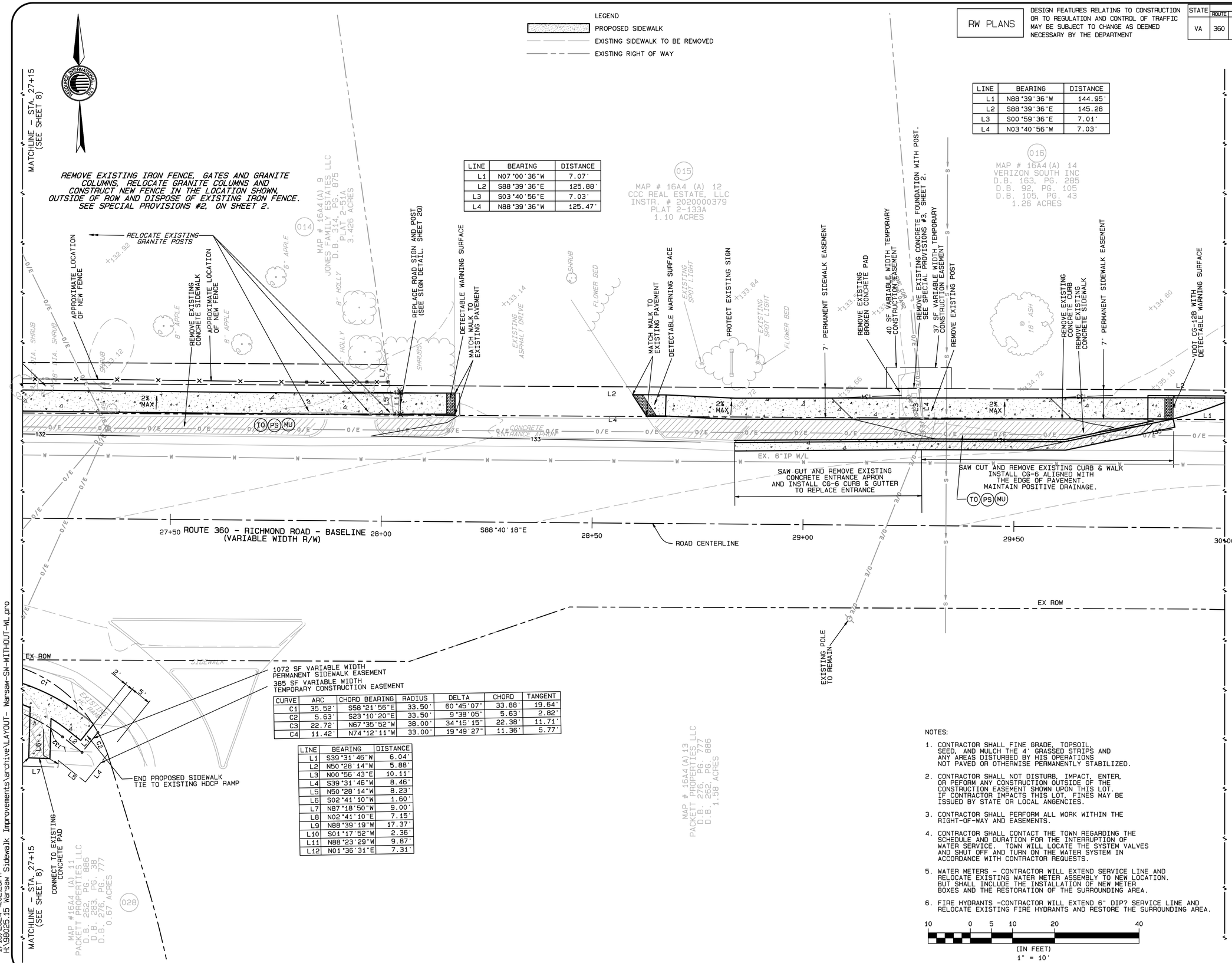
RW PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961 EN14-321-005, P101, R201, C501 | 9 |

LEGEND

- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY




| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N07°00'36"W | 7.07' |
| L2 | S88°39'36"E | 125.88' |
| L3 | S03°40'56"E | 7.03' |
| L4 | N88°39'36"W | 125.47' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | N88°39'36"W | 144.95' |
| L2 | S88°39'36"E | 145.28 |
| L3 | S00°59'36"E | 7.01' |
| L4 | N03°40'56"W | 7.03' |

| CURVE | ARC | CHORD BEARING | RADIUS | DELTA | CHORD | TANGENT |
|---|---|---|---|---|---|---|
| C1 | 35.52' | S58°21'56"E | 33.50' | 60°45'07" | 33.88' | 19.64' |
| C2 | 5.63' | S23°10'20"E | 33.50' | 9°38'05" | 5.63' | 2.82' |
| C3 | 22.72' | N67°35'52"W | 38.00' | 34°15'15" | 22.38' | 11.71' |
| C4 | 11.42' | N74°12'11"W | 33.00' | 19°49'27" | 11.36' | 5.77' |

| LINE | BEARING | DISTANCE |
|---|---|---|
| L1 | S39°31'46"W | 6.04' |
| L2 | N50°28'14"W | 5.88' |
| L3 | N00°56'43"E | 10.11' |
| L4 | S39°31'46"W | 8.46' |
| L5 | N50°28'14"W | 8.23' |
| L6 | S02°41'10"W | 1.60' |
| L7 | N87°18'50"W | 9.00' |
| L8 | N02°41'10"E | 7.15' |
| L9 | N88°39'19"W | 17.37' |
| L10 | S01°17'52"W | 2.36' |
| L11 | N88°23'29"W | 9.87' |
| L12 | N01°36'31"E | 7.31' |

NOTES:

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6. FIRE HYDRANTS -CONTRACTOR WILL EXTEND 6" DIP? SERVICE LINE AND RELOCATE EXISTING FIRE HYDRANTS AND RESTORE THE SURROUNDING AREA.

10 0 5 10 20 40
(IN FEET)
1" = 10'


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COMMONWEALTH OF VIRGINIA
Michael E. Flora, Jr.
LIC. NO. 7552
1-16-2024
CERTIFIED PROFESSIONAL ENGINEER

REVISIONS:
10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - REVISED PER VDOT COMMENTS ALL SHEETS
9-14-2021 REVISION 3 - ADJUSTED UTILITY POLES TO MATCH WATER LINE FROM 11-17-2021 REVISED PER VDOT COMMENTS ALL SHEETS
11-22-2021 REVISED PER VDOT COMMENTS
12-14-2021 REVISED PER VDOT COMMENTS
5-18-2022 REVISED PER VDOT COMMENTS
10-24-2022 REVISED PER VDOT COMMENTS

DESIGNED: SB
DRAWN: DJF
CHECKED: CDR
DATE: 1-31-2018


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# TOWN OF WARSAW, VIRGINIA
## SAFE PEDESTRIAN ROUTES VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE. 360 – RICHMOND ROAD
STA 27+15.00 TO STA 30+00.00

PROJECT NO.: 98025.15

SHEET: 9


1/16/2024 4:02:23PM
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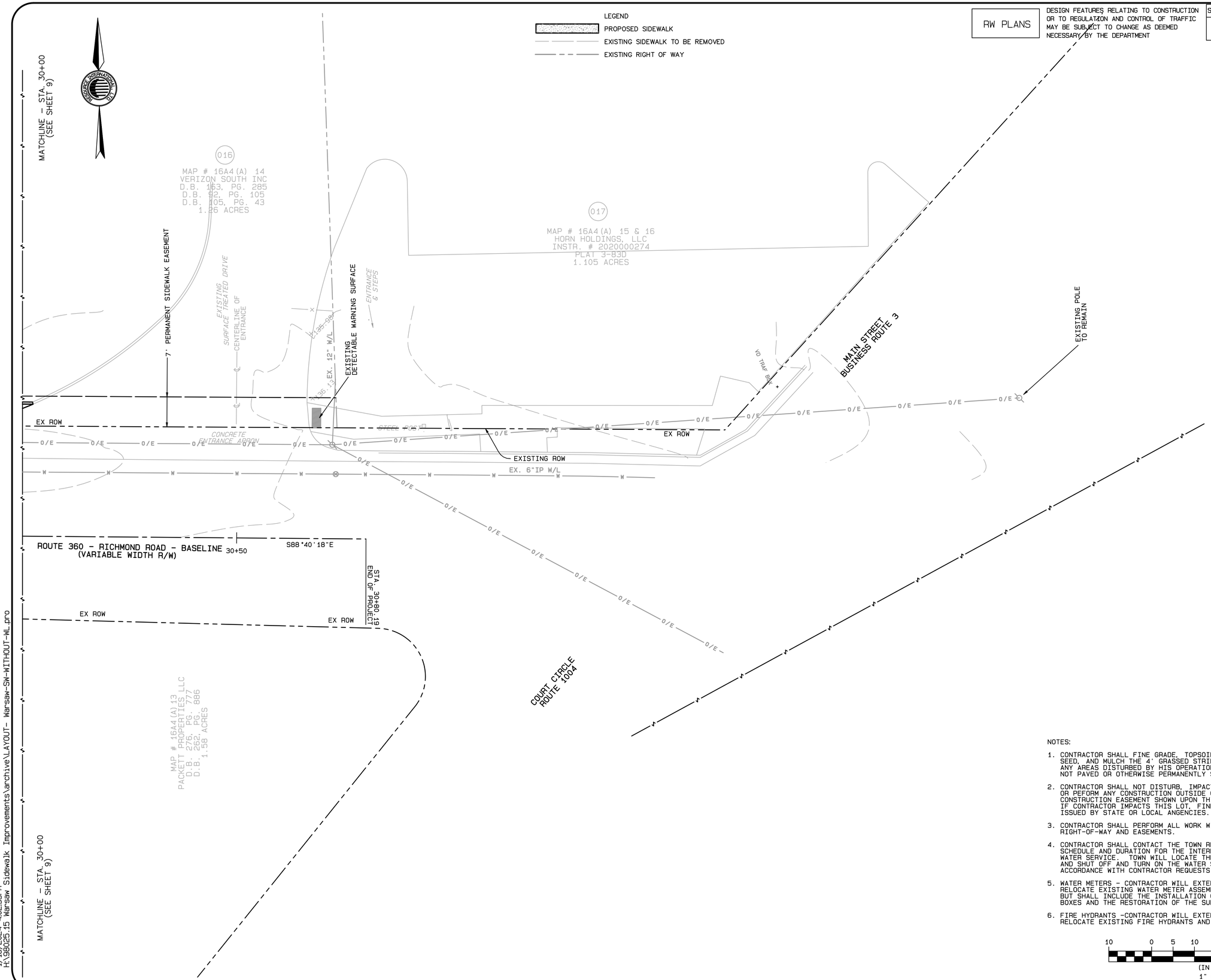
| STATE | STATE ROUTE | STATE PROJECT | SHEET NO. |
|---|---|---|---|
| VA | 360 | UPC 105961<br>EN14-321-005,<br>P101, R201, C501 | 10 |

RW PLANS

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

LEGEND
- PROPOSED SIDEWALK
- EXISTING SIDEWALK TO BE REMOVED
- EXISTING RIGHT OF WAY

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10 0 5 10 20 40
(IN FEET)
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REVISIONS:
10-25-2018 REVISION 1 - OWNERS & EASEMENTS REVISED TO MATCH FINAL EASEMENT PLATS
8-19-2021 REVISION 2 - PROPOSED 22' PROPOSED WATER LINE FROM ALL SHEETS
9-10-2021 REVISION 3 - ADDED UTILITY EASEMENTS TO ALL SHEETS
11-22-2021 REVISED PER VDOT COMMENTS
11-15-2021 REVISED PER VDOT COMMENTS
5-18-2022 REVISED PER VDOT COMMENTS
1-16-2024 ADDENDUM No.1

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## SAFE PEDESTRIAN ROUTES
## VEHICLE ENTRANCES AND SIDEWALK IMPROVEMENTS
## RIGHT OF WAY PLAN

RTE 360 – RICHMOND ROAD
STA 30+00.00 TO STA 31+60.22

PROJECT NO.: 98025.15

SHEET: 10


1/16/2024 4:02:35PM
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