CITYWIDE SIDEWALK IMPROVEMENTS

CITY OF WINCHESTER
VIRGINIA

PUBLIC SERVICES DEPARTMENT
15 N. CAMERON STREET
WINCHESTER, VA 22601
PHONE: 540-667-1815
FAX: 540-662-3351

These plans are complete, constructible, and biddable to the best of my knowledge. All permits necessary for construction have been obtained. These plans were prepared under supervision of the City Engineer who exercised an appropriate standard of care and followed accepted standards, procedure, polices, and practice methods consistent with the engineering and design of plan for this work.

Kelly Henshaw, PE
City Engineer
City of Winchester

LIST OF STREETS:

1. ACADEMY LANE
2. CHARLES STREET
3. CHESTNUT STREET
4. CLARK STREET
5. E NORTH AVENUE
6. FAIRMONT AVENUE
7. FAIRVIEW AVENUE
8. FRANKLIN STREET
9. GIBBENS STREET
10. GRAY AVENUE
11. JEFFERSON STREET
12. JOIST HITE PLACE
13. LATANE STREET
14. LEE STREET
15. MILLER STREET
16. MORGAN STREET
17. MORNING SIDE DRIVE
18. N. BRADDOCK STREET
19. ORCHARD AVENUE
20. PINE STREET
21. RICHARD AVENUE
22. S. BRADDOCK STREET
23. SHIRLEY STREET
24. STONEWALL AVENUE
25. VIRGINIA AVENUE
26. W. CORK STREET
27. W. PICCADILLY ST
26. W. WHITLOCK AVE
27. WOODLAND AVENUE
28. WOODSTOCK LANE

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMNET PROJECT

OVERVIEW

CITY OF WINCHESTER VIRGINIA

ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY:

PROJECT NO:

SCALE: 1" = 200'

DATE: 12/01/17

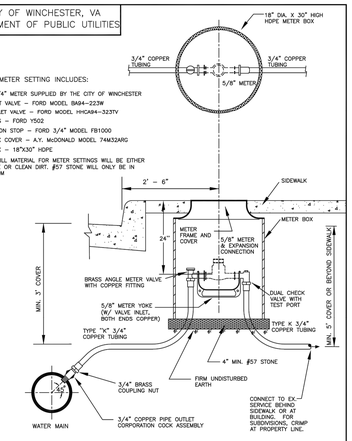
SHEET: 1/24

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES

TYPICAL METER SETTING INCLUDES:

5/8" X 3/4" METER SUPPLIED BY THE CITY OF WINCHESTER
YOKE INLET VALVE – FORD MODEL BA94–223W
YOKE OUTLET VALVE – FORD MODEL HHCA94–323TV
YOKE BARS – FORD Y502
CORPORATION STOP – FORD 3/4" MODEL FB1000
METER BOX COVER – A.Y. McDONALD MODEL 74M32ARG
METER BOX – 18"X30" HDPE

ALL BACKFILL MATERIAL FOR METER SETTINGS WILL BE EITHER 21A STONE OR CLEAN DIRT. #57 STONE WILL ONLY BE IN THE BOTTOM



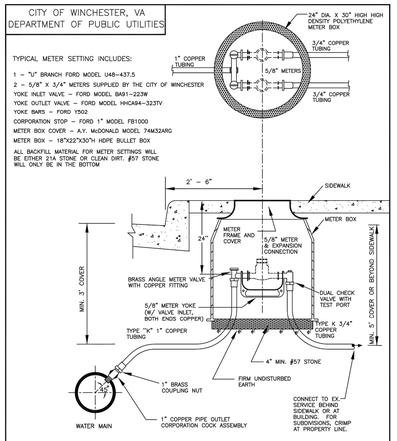
STANDARD DETAIL NO. WD– 1	TYPICAL RESIDENTIAL WATER SERVICE 5/8" x 3/4" SCALE: NONE	DATE: 10/2017

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES

TYPICAL METER SETTING INCLUDES:

1 – "U" BRANCH FORD MODEL U48–437.5
2 – 5/8" X 3/4" METERS SUPPLIED BY THE CITY OF WINCHESTER
YOKE INLET VALVE – FORD MODEL BA91–223W
YOKE OUTLET VALVE – FORD MODEL HHCA94–323TV
YOKE BARS – FORD Y502
CORPORATION STOP – FORD 1" MODEL FB1000
METER BOX COVER – A.Y. McDONALD MODEL 74M32ARG
METER BOX – 18"X22"X30"H HDPE BULLET BOX

ALL BACKFILL MATERIAL FOR METER SETTINGS WILL BE EITHER 21A STONE OR CLEAN DIRT. #57 STONE WILL ONLY BE IN THE BOTTOM



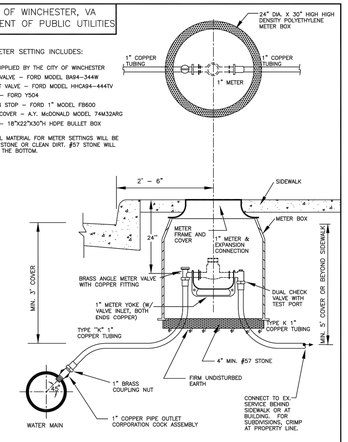
STANDARD DETAIL NO. WD– 2	TYPICAL RESIDENTIAL WATER SERVICE TWIN SETTING 5/8" x 3/4" SCALE: NONE	DATE: 10/2017

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES

TYPICAL METER SETTING INCLUDES:

1" METER SUPPLIED BY THE CITY OF WINCHESTER
YOKE INLET VALVE – FORD MODEL BA94–344W
YOKE OUTLET VALVE – FORD MODEL HHCA94–444TV
YOKE BARS – FORD Y504
CORPORATION STOP – FORD 1" MODEL FB600
METER BOX COVER – A.Y. McDONALD MODEL 74M32ARG
METER BOX – 18"X22"X30"H HDPE BULLET BOX

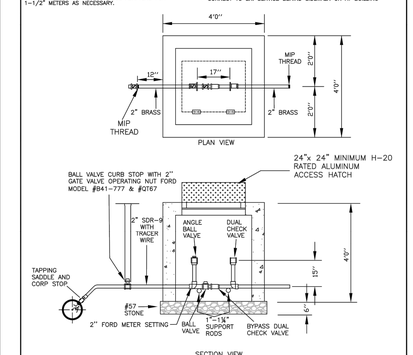
ALL BACKFILL MATERIAL FOR METER SETTINGS WILL BE EITHER 21A STONE OR CLEAN DIRT. #57 STONE WILL ONLY BE IN THE BOTTOM.



STANDARD DETAIL NO. WD– 3	TYPICAL 1 INCH WATER SERVICE SCALE: NONE	DATE: 02/2018

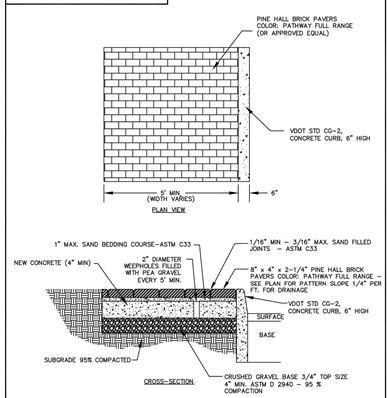
CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES

- 2" FORD COPPERSETTER MODEL # VBHH77–15BHC–11–77
- 1–1/2" FORD: SAME LAYING DISTANCE AS 2" WITH ONE PAIR OF 2" x 1–1/2" METER ADAPTERS, FORD PART # A67 (FURNISHED BY CONTRACTOR)
- SET METER WIDTH TO 17". USE ADAPTERS FOR 1–1/2" METERS AS NECESSARY.
- METER SUPPLIED BY THE DEPARTMENT OF PUBLIC UTILITIES
- FLANGED ANGLE METER VALVE SHALL HAVE O–RING TYPE FLANGE METER SUPPORT BRACKETS
- BACK FLOW DEVICE REQUIRED AS SET FORTH IN CITY CROSS CONNECTION CONTROL PROGRAM
- BACKFLOW DEVICE MAY NOT BE INSTALLED IN METER VAULT
- PRECAST VAULT AS MANUFACTURED BY WINCHESTER BUILDING SUPPLY OF WINCHESTER, VA OR APPROVED EQUAL
- CONNECT TO EX. SERVICE BEHIND SIDEWALK OR AT BUILDING



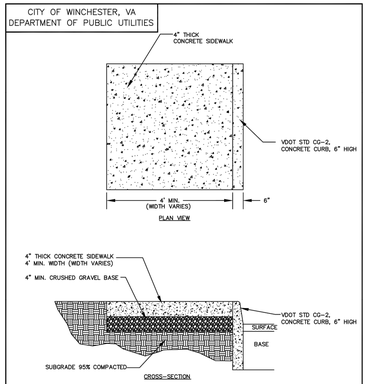
STANDARD DETAIL NO. WD– 4	1 1/2" & 2" METER INSTALLATION SCALE: NONE	DATE: 02/2018

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES



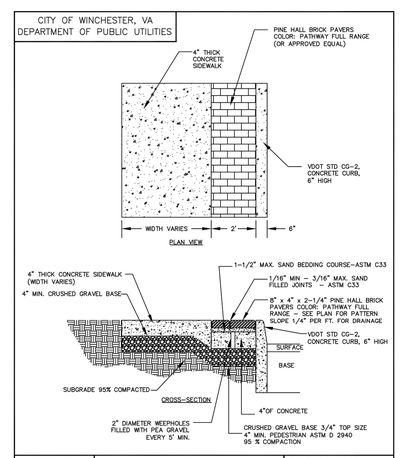
STANDARD DETAIL NO. SW–4	ALL BRICK SIDEWALK SCALE: NONE	DATE: 10/2017

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES



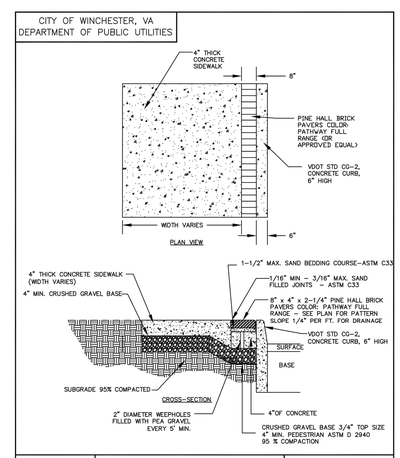
STANDARD DETAIL NO. SW–1	STANDARD CONCRETE SIDEWALK SCALE: NONE	DATE: 10/2017

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES



STANDARD DETAIL NO. SW–2	HISTORIC DISTRICT SIDEWALK SIX–FEET WIDE AND ABOVE SCALE: NONE	DATE: 10/2017

CITY OF WINCHESTER, VA
DEPARTMENT OF PUBLIC UTILITIES



STANDARD DETAIL NO. SW–3	HISTORIC DISTRICT SIDEWALK LESS THAN SIX–FEET WIDE SCALE: NONE	DATE: 10/2017

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

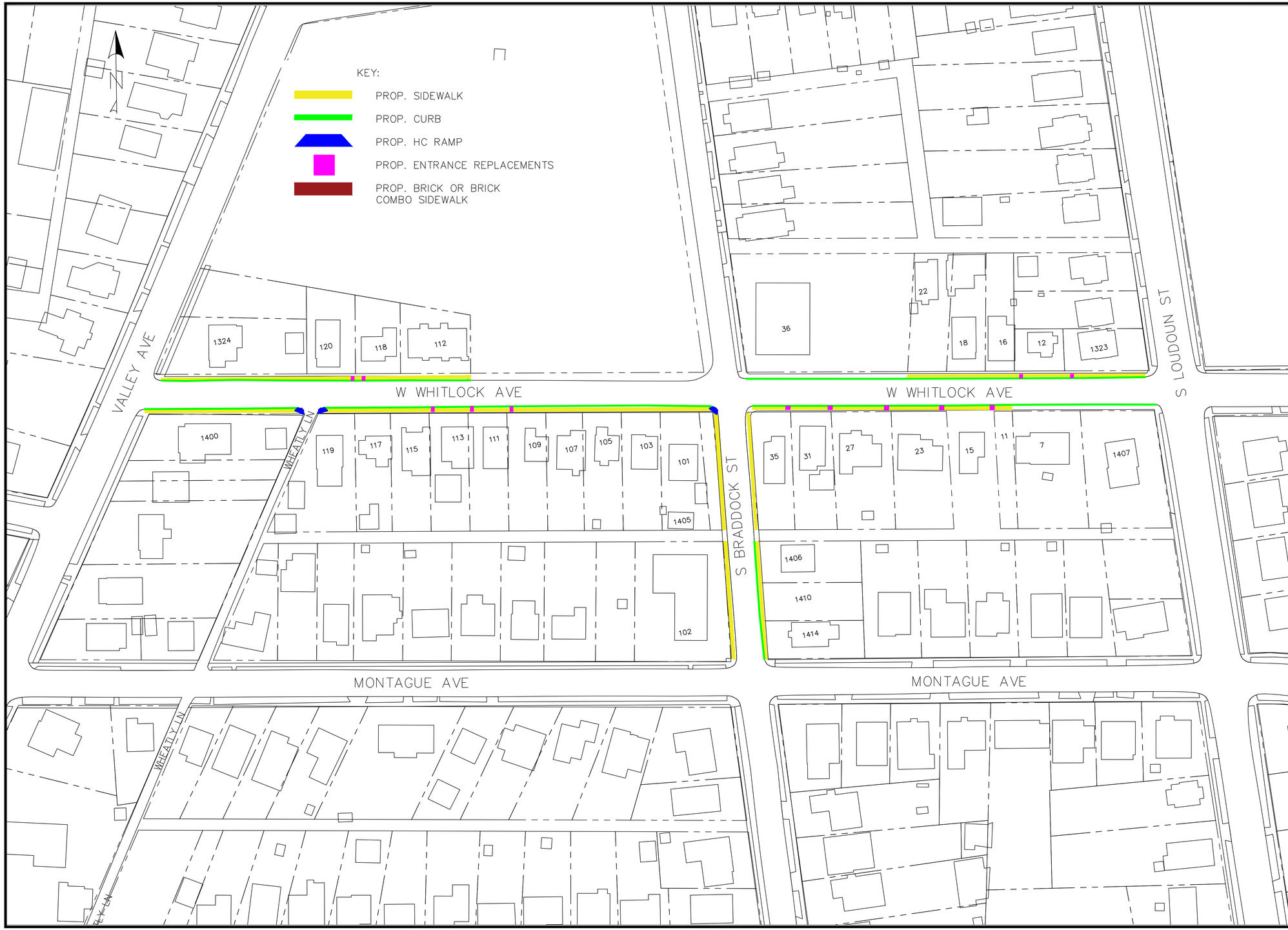
DETAILS SHEET

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667–1815
FAX: (540)662–3351

DRAWN BY: PROJECT NO:

SCALE: 1" = DATE: 11/17

SHEET: 2/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

W WHITLOCK–S BRADDOCK

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667–1815
FAX: (540)662–3351

DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 3/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

MILLER ST

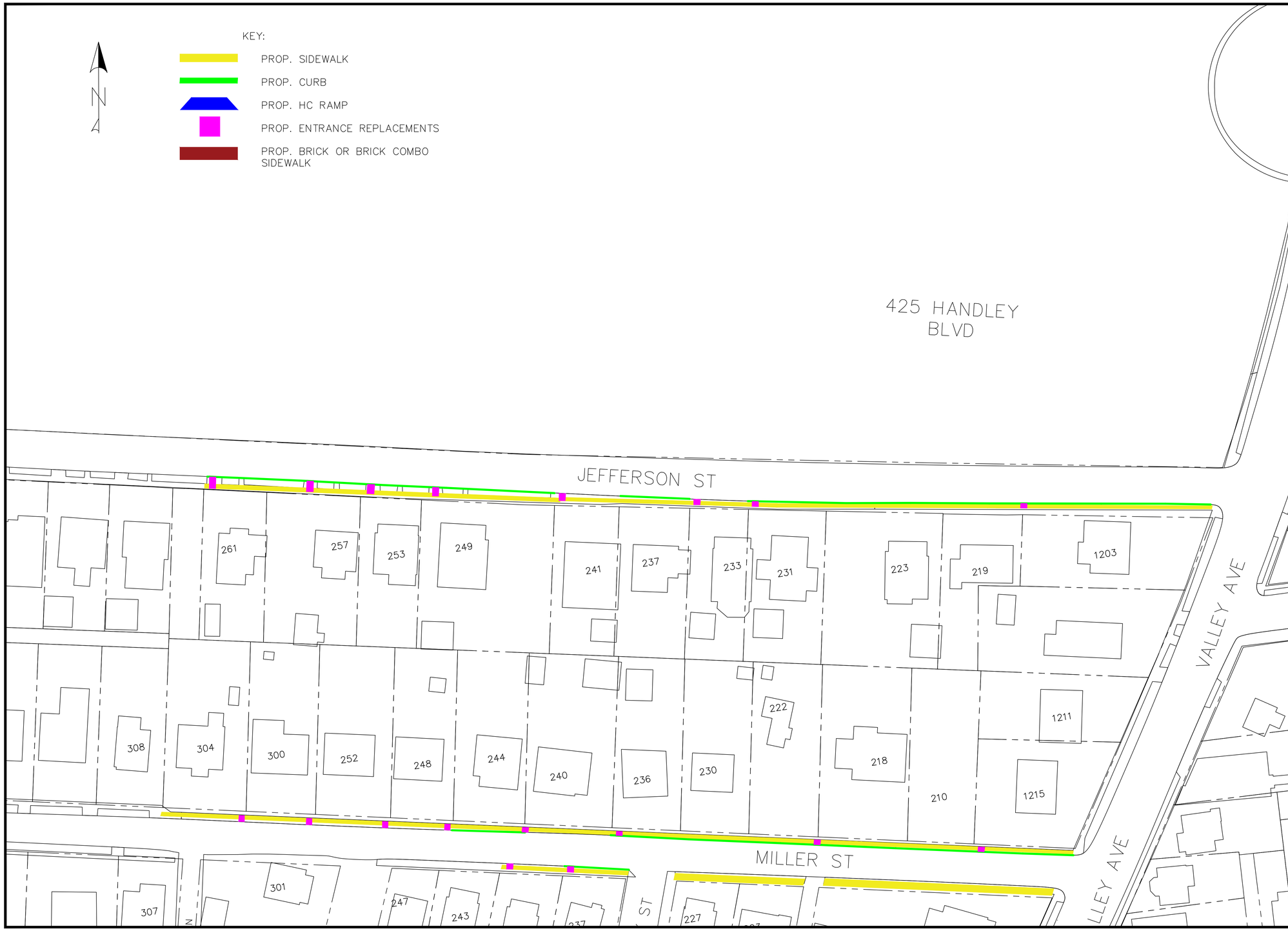
CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 40'

DATE: 11/17

SHEET: 4/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

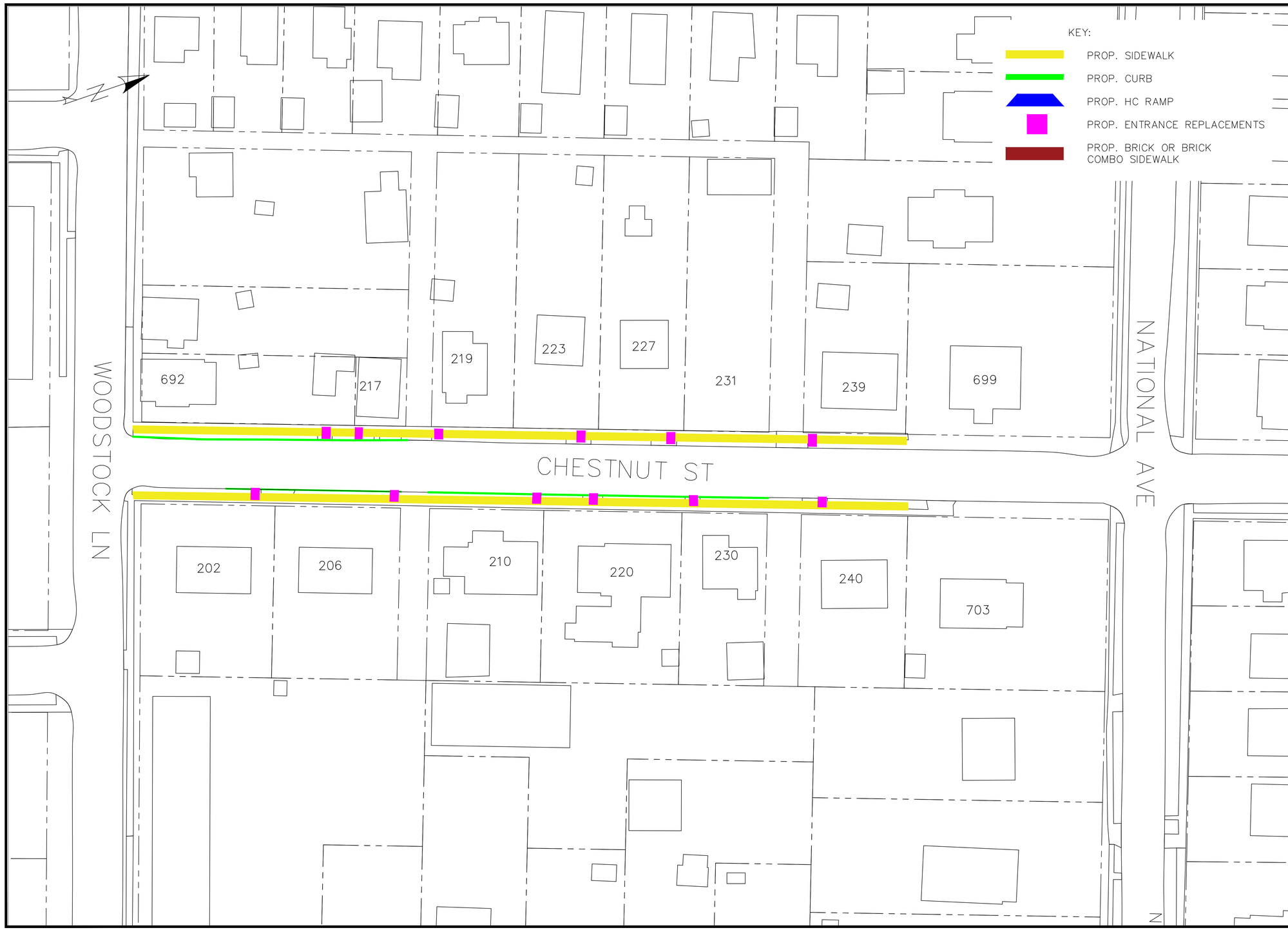
JEFFERSON ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20' DATE: 11/17

SHEET: 5/24



REVISIONS			
NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

CHESTNUT ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 6/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

ACADEMY LN–LEE ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667–1815
FAX: (540)662–3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 7/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

WOODLAND–PINE–ORACHARD

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667–1815
FAX: (540)662–3351

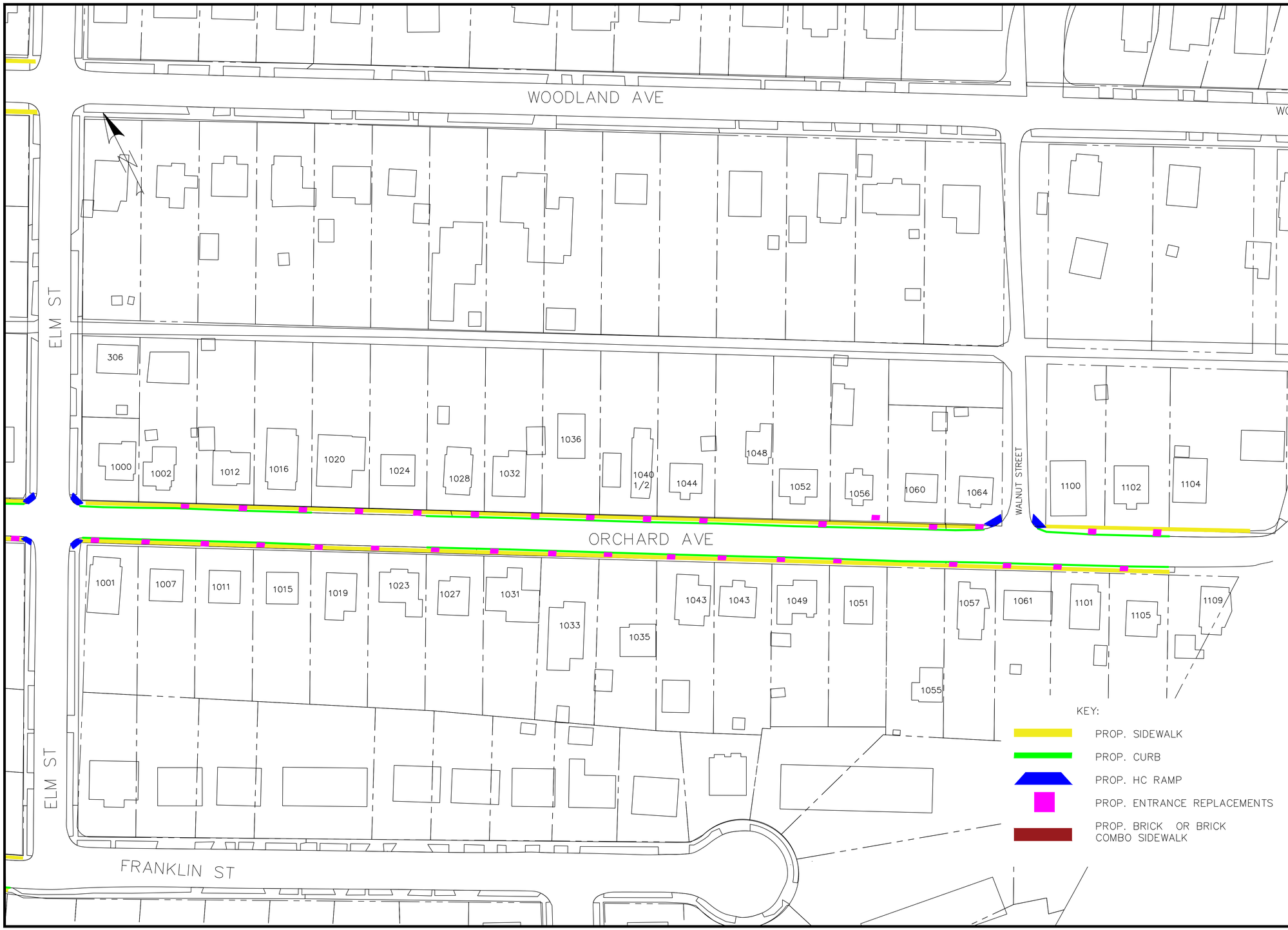
DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 8/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

ORCHARD AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 9/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

PINE–FRANKLIN–WOODSTOCK

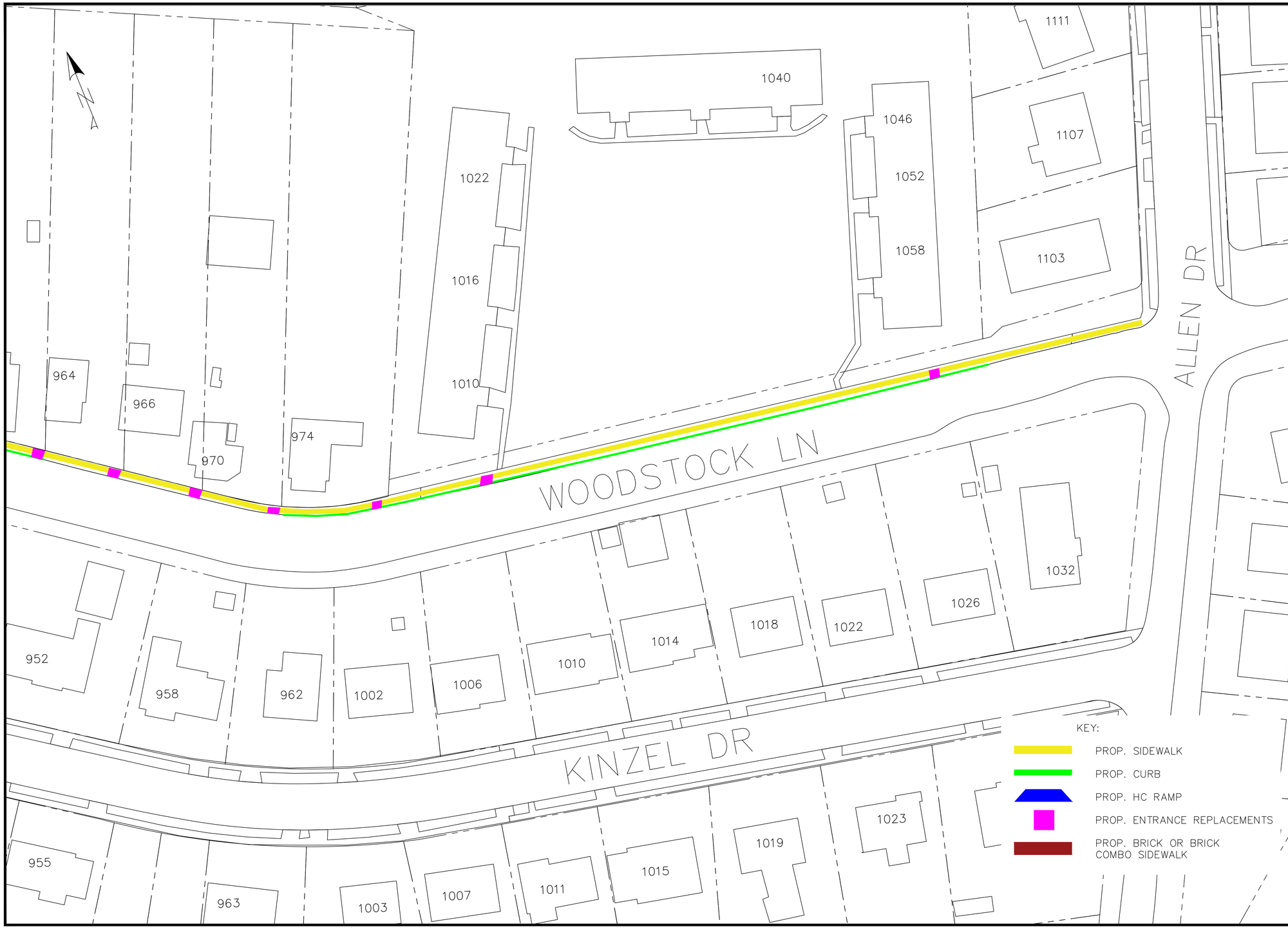
CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667–1815
FAX: (540)662–3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 10/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

WOODSTOCK LN

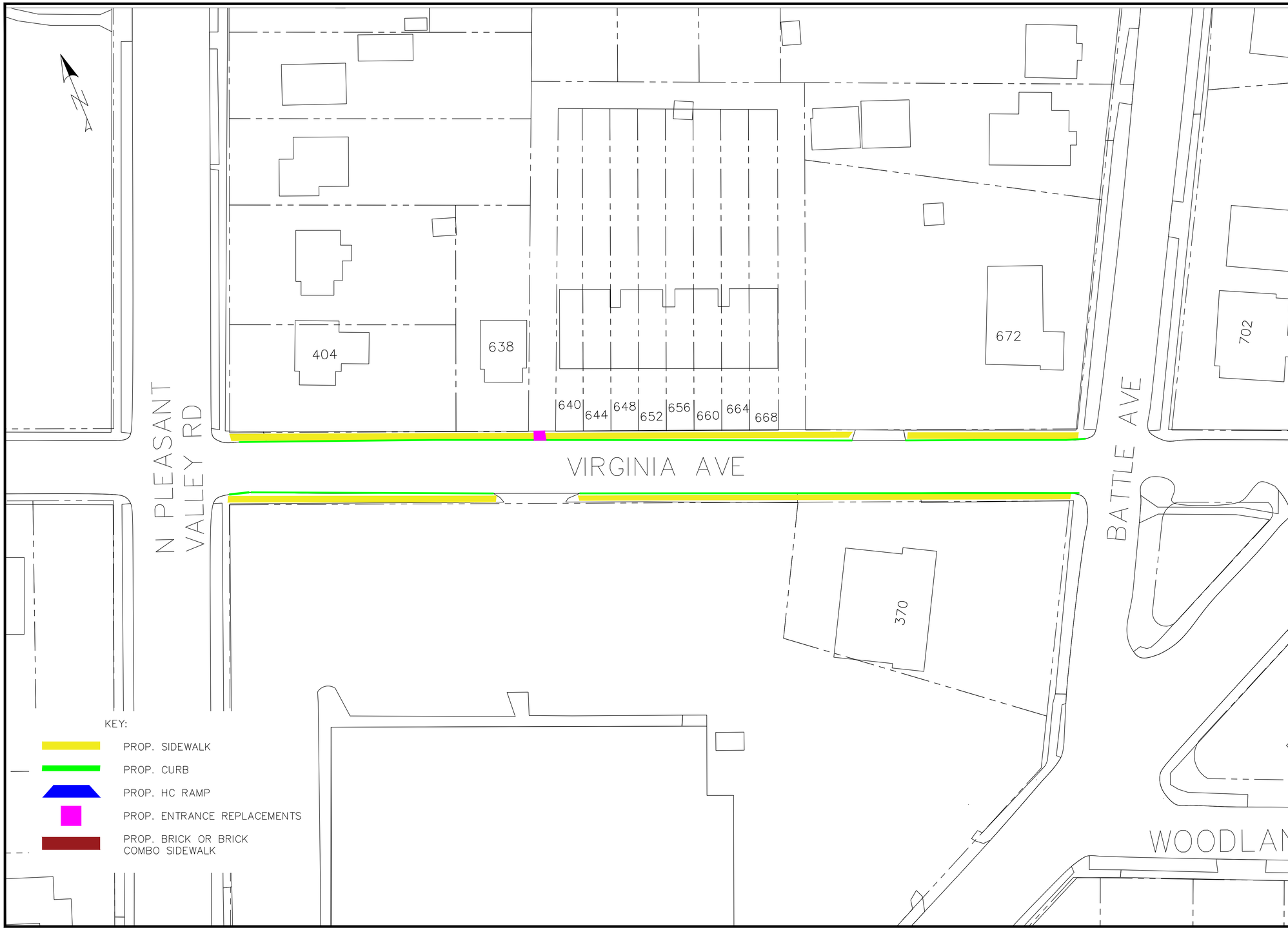
CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 11/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

VIRGINIA AVE

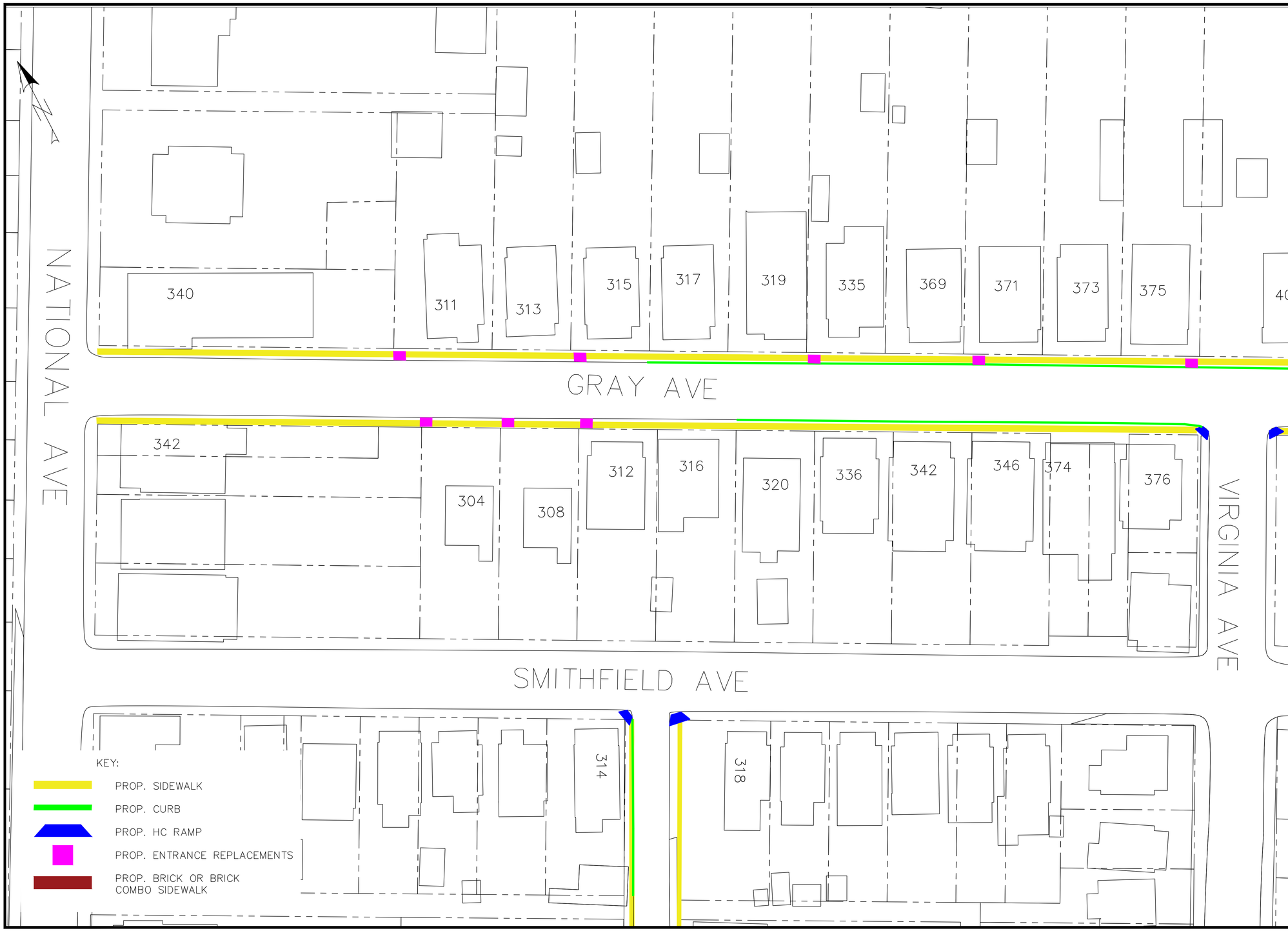
CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 12/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

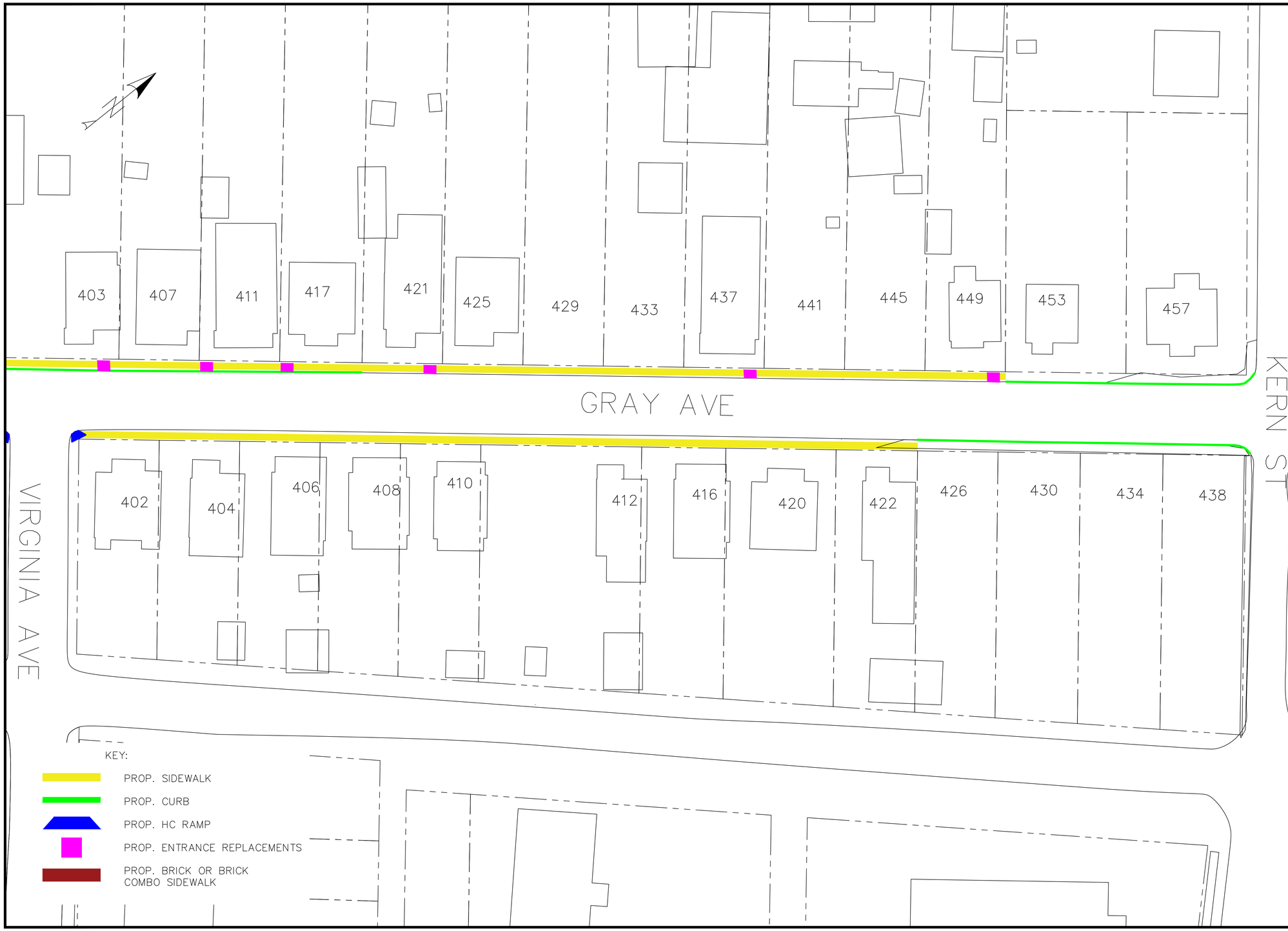
GRAY AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = DATE: 11/17

SHEET: 13/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

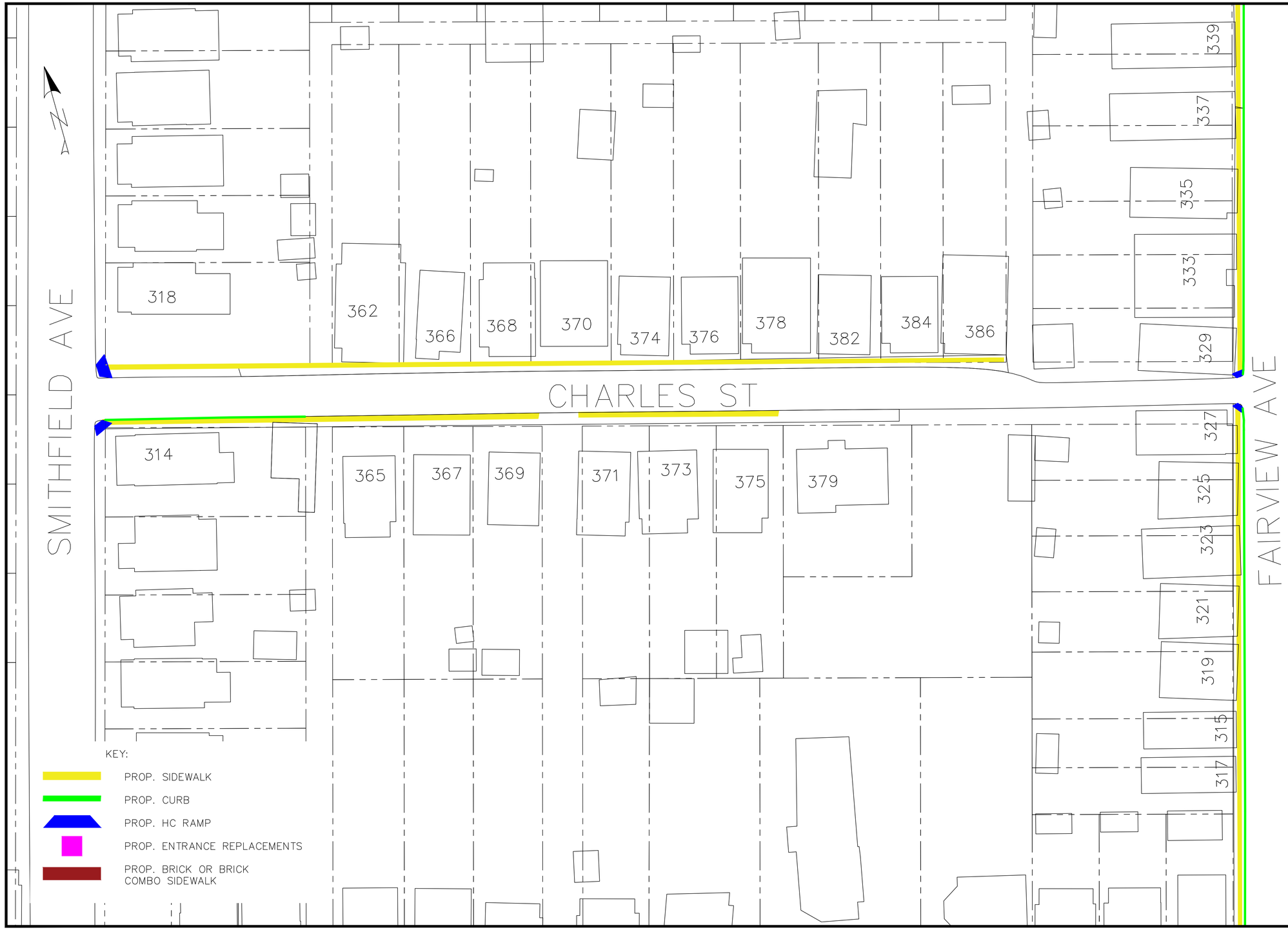
GRAY ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = DATE: 11/17

SHEET: 14/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

CHARLES ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" =

DATE: 11/17

SHEET: 15/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

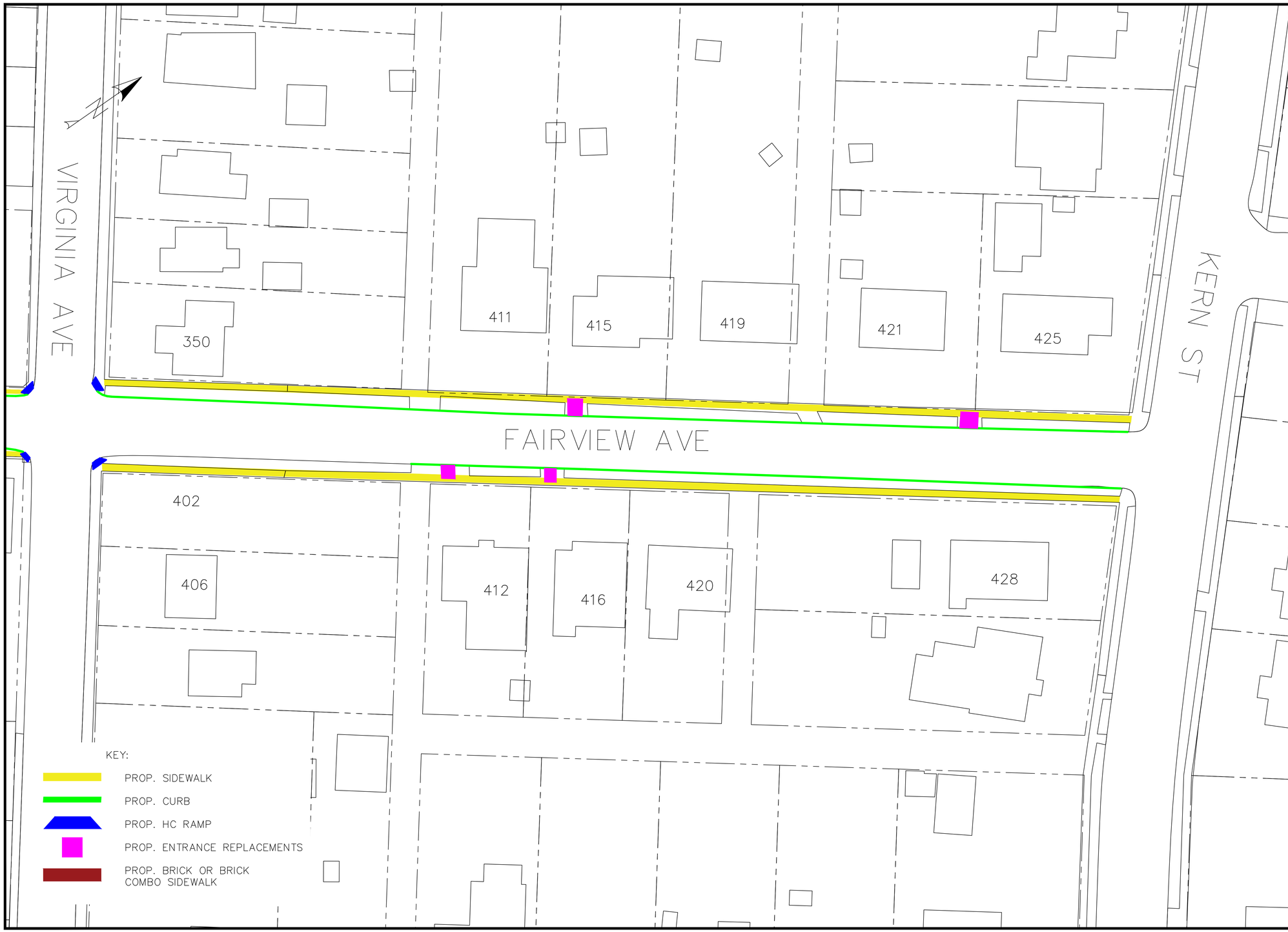
FAIRVIEW AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = DATE: 11/17

SHEET: 16/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

FAIRVIEW AVE

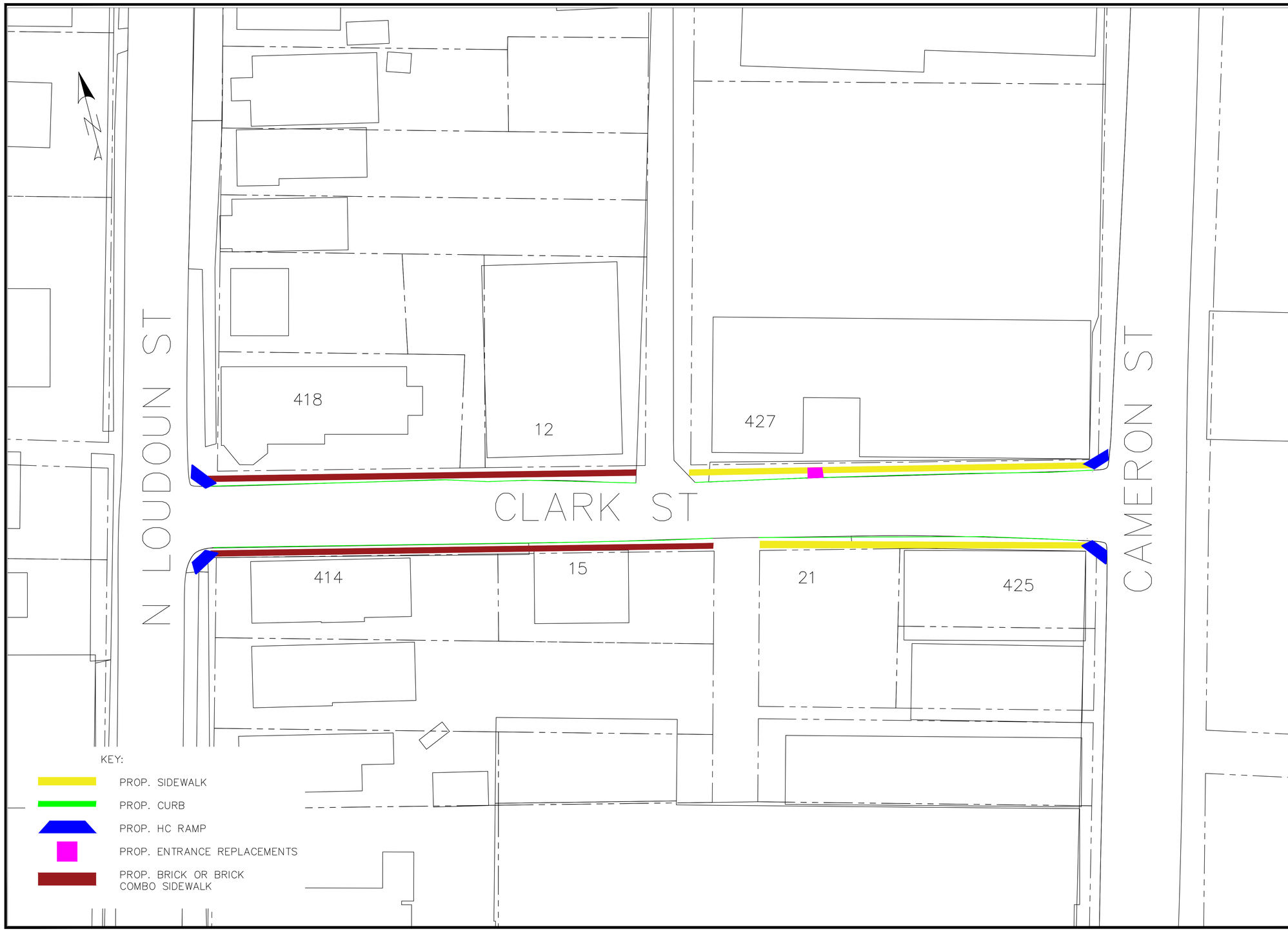
CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 17/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

CLARK ST

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 18/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

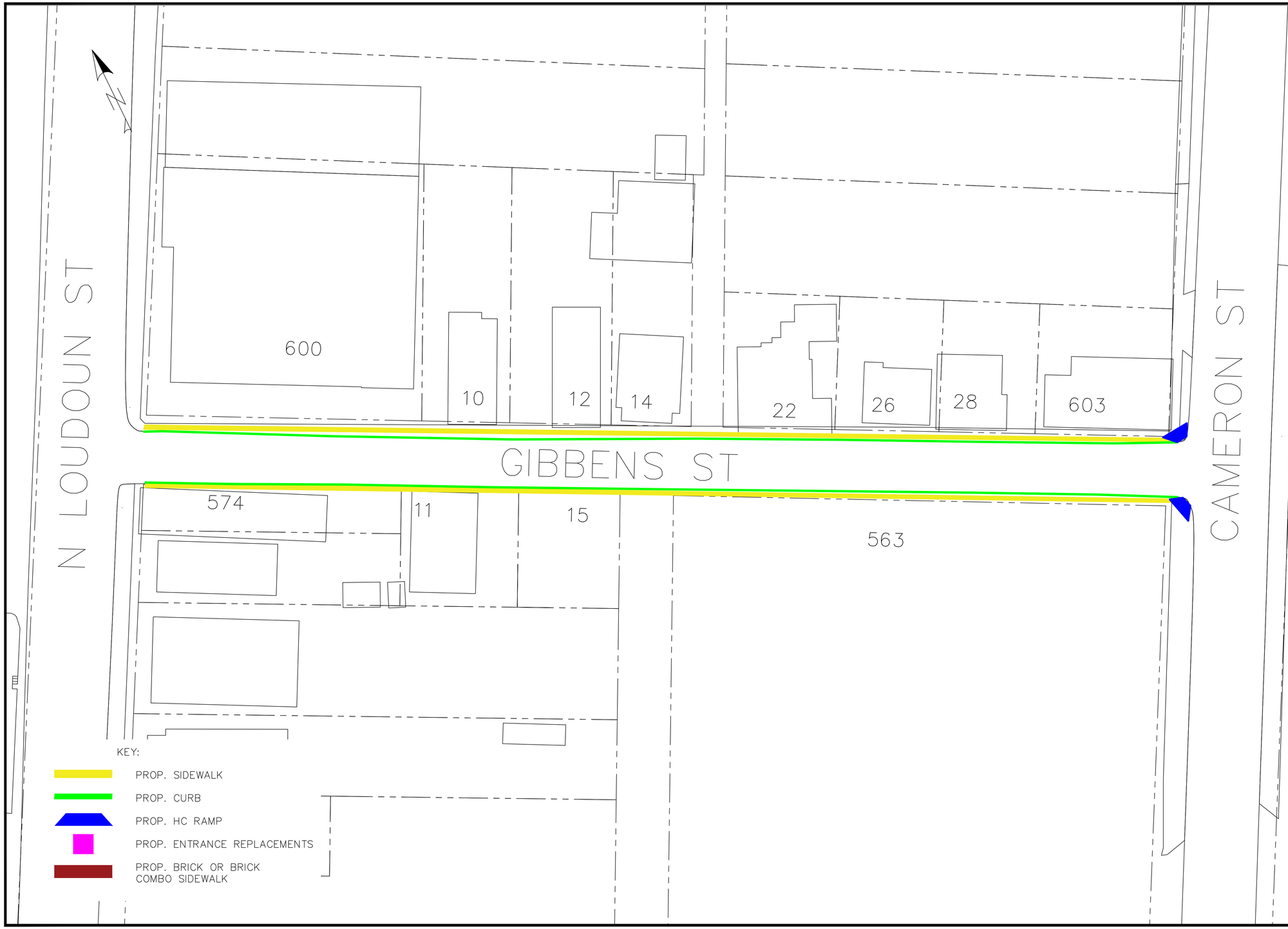
SIDEWALK REPLACENT PROJECT
NORTH AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = 20'
DATE: 11/17

SHEET: 19/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

GIBBENS ST

CITY OF WINCHESTER VIRGINIA

ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

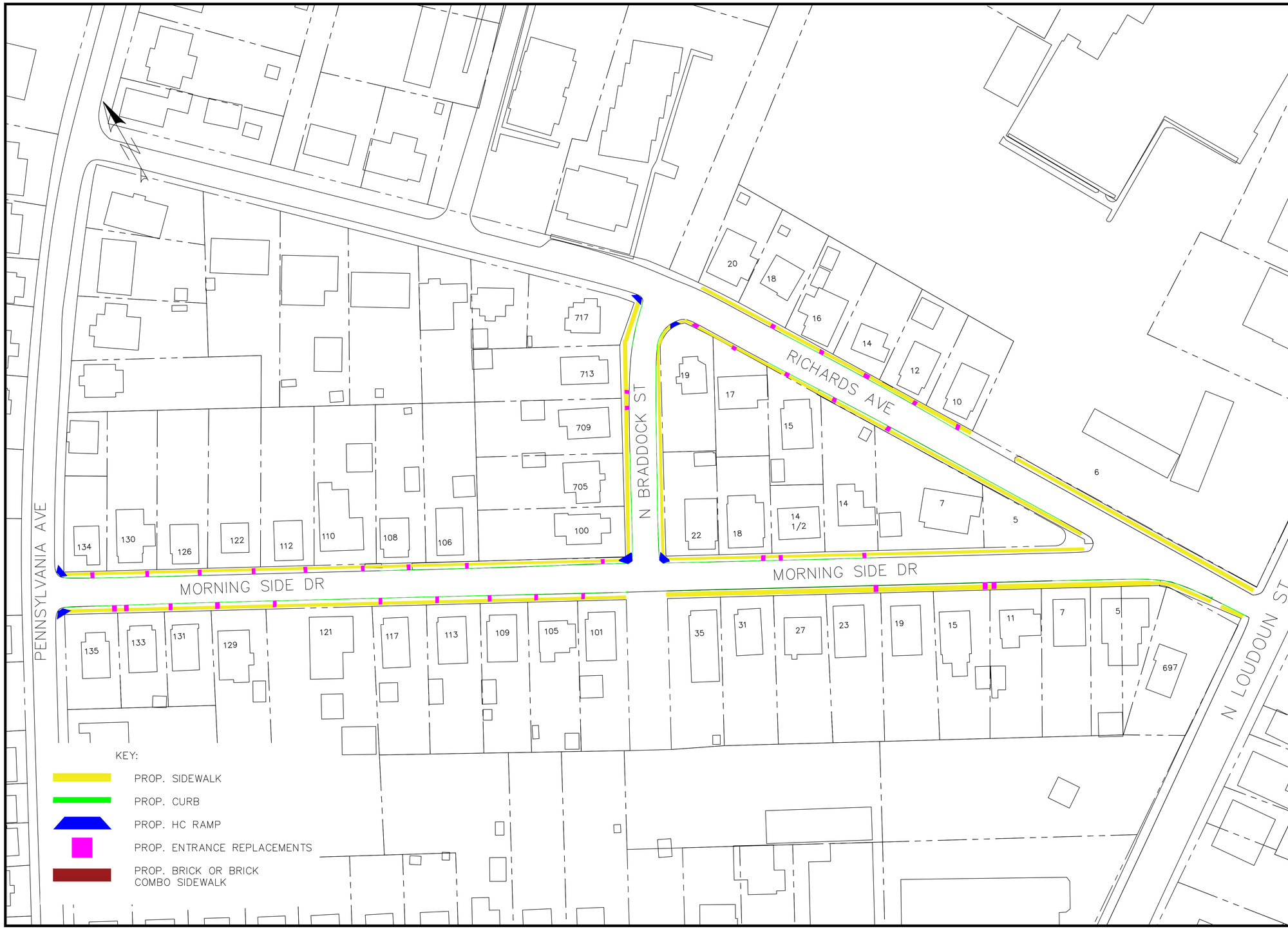
DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 20/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

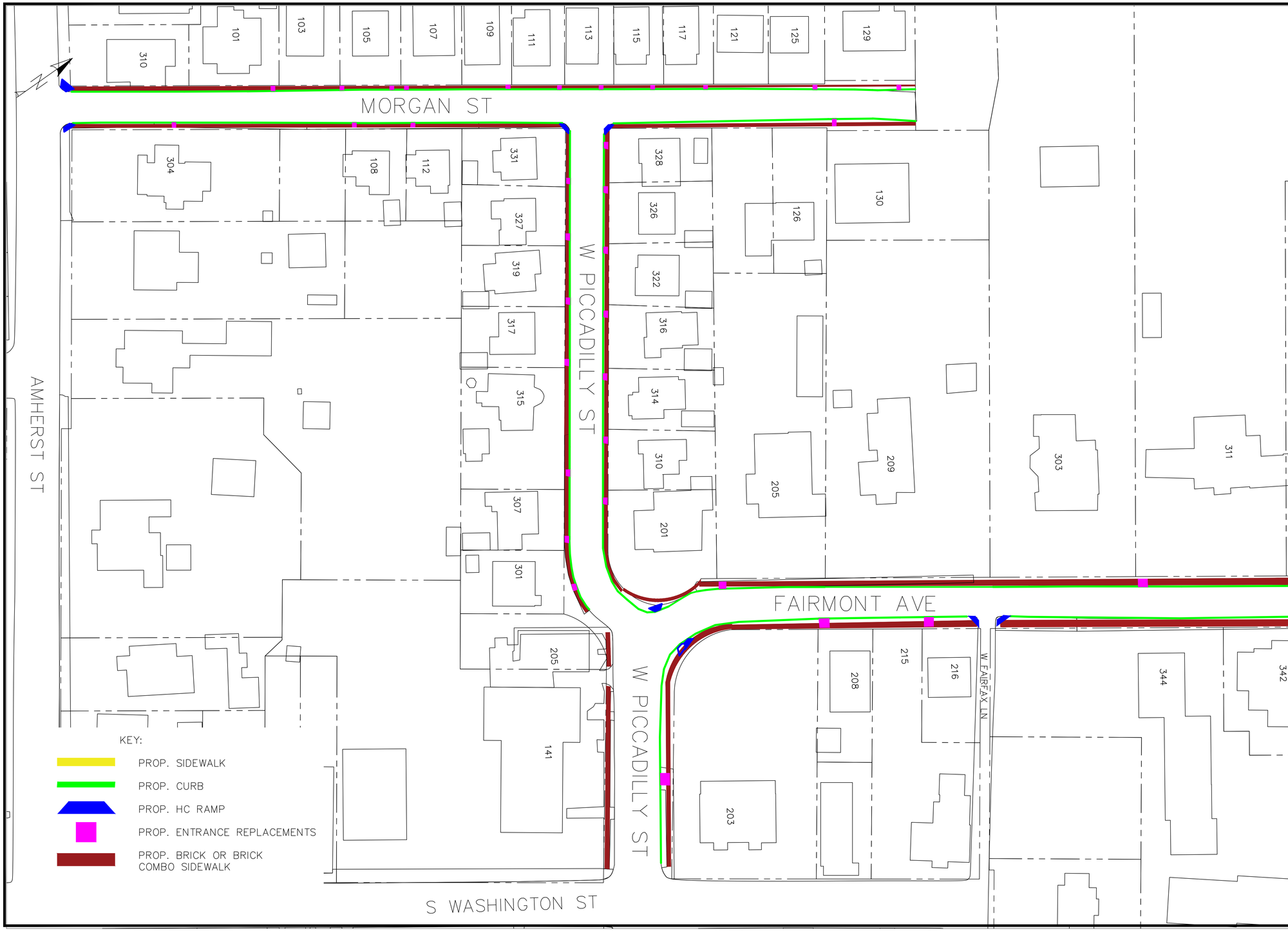
MORNING SIDE DR

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: PROJECT NO:

SCALE: 1" = DATE: 11/17

SHEET: 21/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

FAIRMONT AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

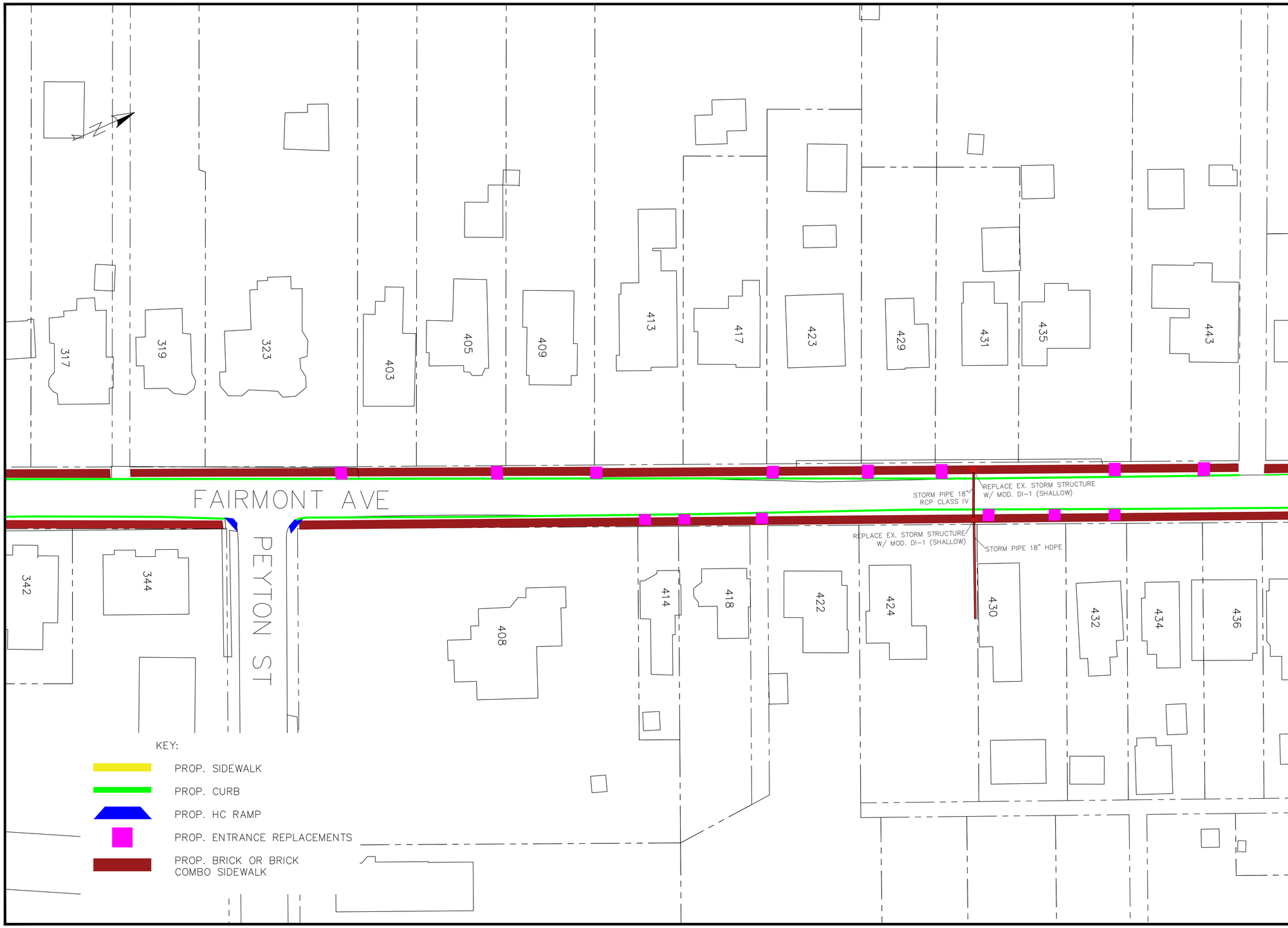
DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 22/24



REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

FAIRMONT AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY:

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 23/24

REVISIONS

NO.	DATE	DESCRIPTION	BY

SIDEWALK REPLACEMENT PROJECT

FAIRMOUNT AVE

CITY OF WINCHESTER VIRGINIA
ENGINEERING DIVISION
15 N. CAMERON STREET
WINCHESTER, VA 22601
PH: (540) 667-1815
FAX: (540)662-3351

DRAWN BY: KBH

PROJECT NO:

SCALE: 1" = 20'

DATE: 11/17

SHEET: 24/24