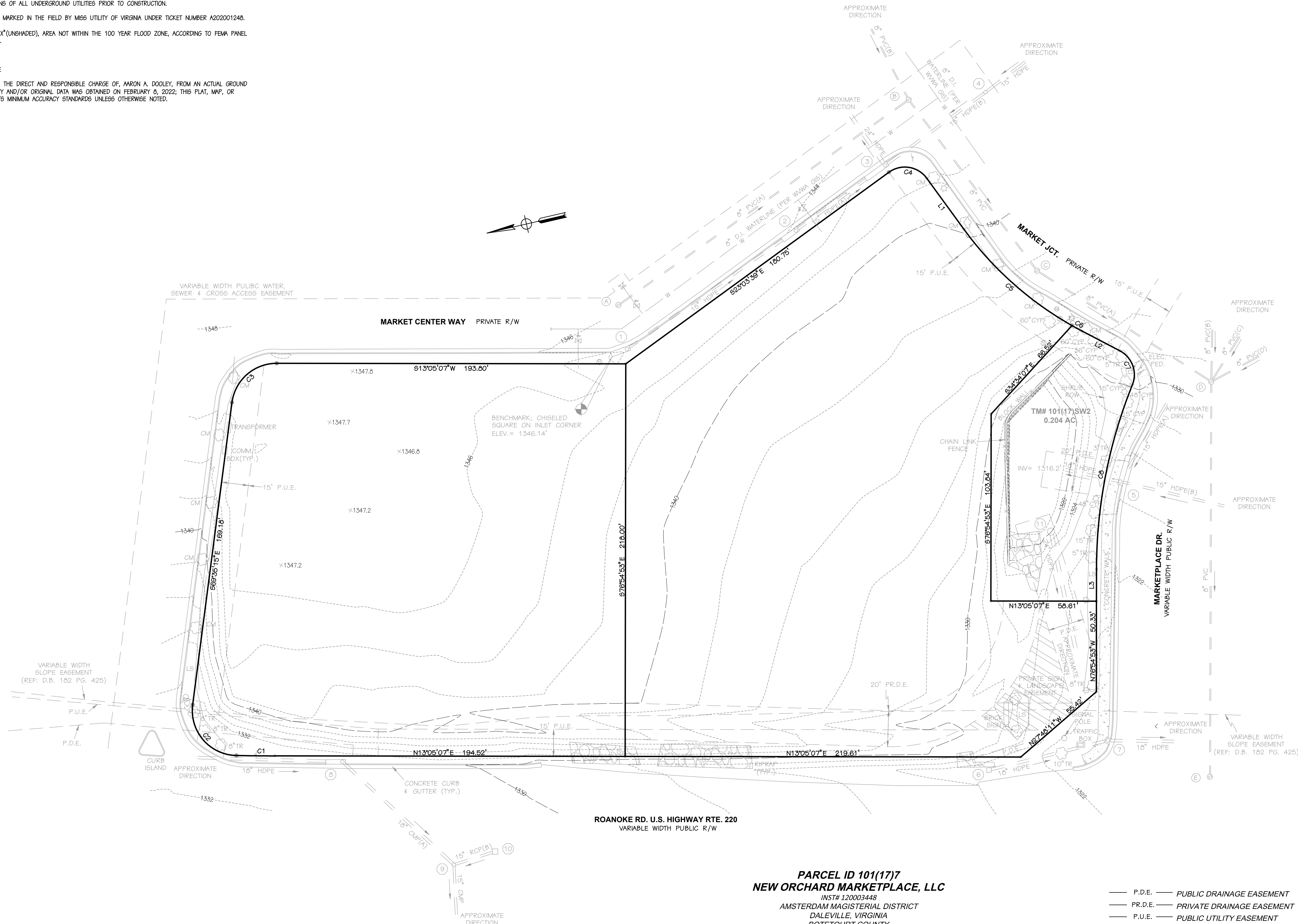


NOTES:

1. THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND MAY NOT INDICATE ALL ENCUMBRANCES UPON THE PROPERTY.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
3. UNDERGROUND UTILITIES, AS SHOWN HEREON, WERE MARKED IN THE FIELD BY M66 UTILITY OF VIRGINIA UNDER TICKET NUMBER A202001248.
4. THESE PROPERTIES ARE LOCATED IN FLOOD ZONE "X"(UNSHADED), AREA NOT WITHIN THE 100 YEAR FLOOD ZONE, ACCORDING TO FEMA PANEL NUMBER 5102300375C DATED DECEMBER 17, 2010.
5. VERTICAL DATUM: NAD 83
6. HORIZONTAL DATUM: VA STATE PLANE- SOUTH ZONE
7. THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, ARON A. DOOLEY, FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON FEBRUARY 6, 2022; THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.



PARCEL ID 101(17)7
NEW ORCHARD MARKETPLACE, LLC
INST# 120003448
AMSTERDAM MAGISTERIAL DISTRICT
DALEVILLE, VIRGINIA
BOTETOURT COUNTY

— P.D.E. — PUBLIC DRAINAGE EASEMENT
— P.R.D.E. — PRIVATE DRAINAGE EASEMENT
— P.U.E. — PUBLIC UTILITY EASEMENT

LEGEND

- IRON PIN FOUND
- PROPERTY CORNER
- ☆ LIGHT POLE
- LS LANDSCAPE AREA
- UE UNDERGROUND ELECTRIC
- WV WATER VALVE
- WM WATER METER
- ☼ TREE
- CLEANOUT
- SIGN

SANITARY SCHEDULE

- (A) SANITARY MANHOLE
TOP= 1346.0'
INV OUT= 1337.1'
- (B) SANITARY MANHOLE
TOP= 1344.2'
INV IN(A)= 1332.9'
INV IN(B)= 1332.9'
INV OUT= 1332.5'
- (C) SANITARY MANHOLE
TOP= 1337.5'
INV IN= 1331.0'
INV OUT= 1330.9'
- (D) SANITARY MANHOLE
TOP= 1331.3'
INV IN(A)= 1316.6'
INV IN(C)= 1316.6'
INV IN(D)= 1316.6'
INV OUT= 1316.7'
- (E) SANITARY MANHOLE
TOP= 1319.3'
INV IN= ????'
INV OUT= ???'

STORM SCHEDULE

- (1) STORM INLET
TOP= 1345.9'
INV OUT= 1341.2'
- (2) STORM INLET
TOP= 1344.5'
INV IN= 1339.7'
INV OUT= 1339.5'
- (3) STORM INLET
TOP= 1343.0'
INV IN(A)= 1336.1'
INV IN(B)= 1336.1'
INV OUT= 1336.0'
- (4) STORM INLET
TOP= 1344.2'
INV IN= 1336.7'
INV OUT= 1336.6'
- (5) STORM INLET
TOP= 1325.1'
INV IN(A)= 1317.1'
INV IN(B)= 1317.3'
INV OUT= 1317.0'
- (6) STORM INLET
TOP= 1322.2'
INV OUT= 1316.6'
- (7) STORM INLET
TOP= 1320.9'
INV IN= 1315.7'
INV OUT= 1315.6'
- (8) STORM INLET
TOP= 1330.6'
INV IN= 1326.5'
INV OUT= 1326.4'
- (9) STORM INLET
TOP= 1330.2'
INV IN(A)= 1326.1'
INV IN(B)= 1326.0'
INV OUT= 1326.0'
- (10) STORM INLET
TOP= 1329.0'
INV OUT= 1326.5'
- (11) 48" RCP RISER
W/ TRASH RACK
TOP RISER= 1322.5'
15" ORIFICE= 1319.9'
INV OUT= 1315.6'

LINE TABLE		
LINE	BEARING	LENGTH
L1	S66°53'43"W	35.25'
L2	S40°36'49"W	23.74'
L3	N76°54'53"W	17.73'

CURVE TABLE					
CURVE	LENGTH	RADIUS	BEARING	CHORD	DELTA
C1	21.33'	1112.92'	N13°38'04"E	21.33'	1°05'54"
C2	41.99'	25.00'	N62°17'53"E	37.22'	96°13'44"
C3	36.07'	25.00'	S28°15'04"E	33.02'	82°40'22"
C4	23.55'	15.00'	S21°55'02"W	21.21'	68°57'22"
C5	80.65'	190.00'	S54°42'16"W	80.24'	24°22'51"
C6	6.30'	190.00'	S41°33'51"W	6.30'	1°54'03"
C7	22.06'	15.00'	S62°46'53"W	20.14'	64°20'06"
C8	104.94'	275.00'	N65°58'56"W	104.30'	21°51'51"

PERKINS & ORRISON
ENGINEERS ▲ PLANNERS ▲ SURVEYORS

317 BROOK PARK PL. FOREST, VIRGINIA 24551
PHONE: 434-525-5985 FAX: 434-525-5986
EMAIL: prn@perkins-orrison.com

17 W. NELSON STREET LEXINGTON, VIRGINIA 24450
PHONE: 540-464-9001 FAX: 540-464-5009
EMAIL: prn@perkins-orrison.com

CONSULTANTS

SEAL:



JOB:

ORCHARD MARKETPLACE
CAR WASH
AMSTERDAM MAGISTERIAL DISTRICT
DALEVILLE, VIRGINIA
BOTETOURT COUNTY

CLIENT:

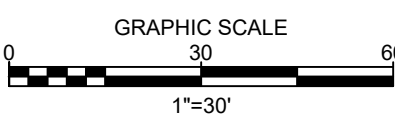
THOMAS BUILDERS

2	06/02/2022	PER WWA COMMENTS
1	06/16/2022	PER COUNTY COMMENT
MARK	DATE	DESCRIPTION

ISSUE: 04/04/2022
CONTOUR INTERVAL: 2'
DESIGNED BY: RHO
DRAWN BY: PWS
CHECKED BY: RHO

SHEET TITLE

EXISTING CONDITIONS



SHEET	PROJECT #
C101	DEV-SITE-22-00005
JOB NO.: 21442	SHEET NO. 2 of 14