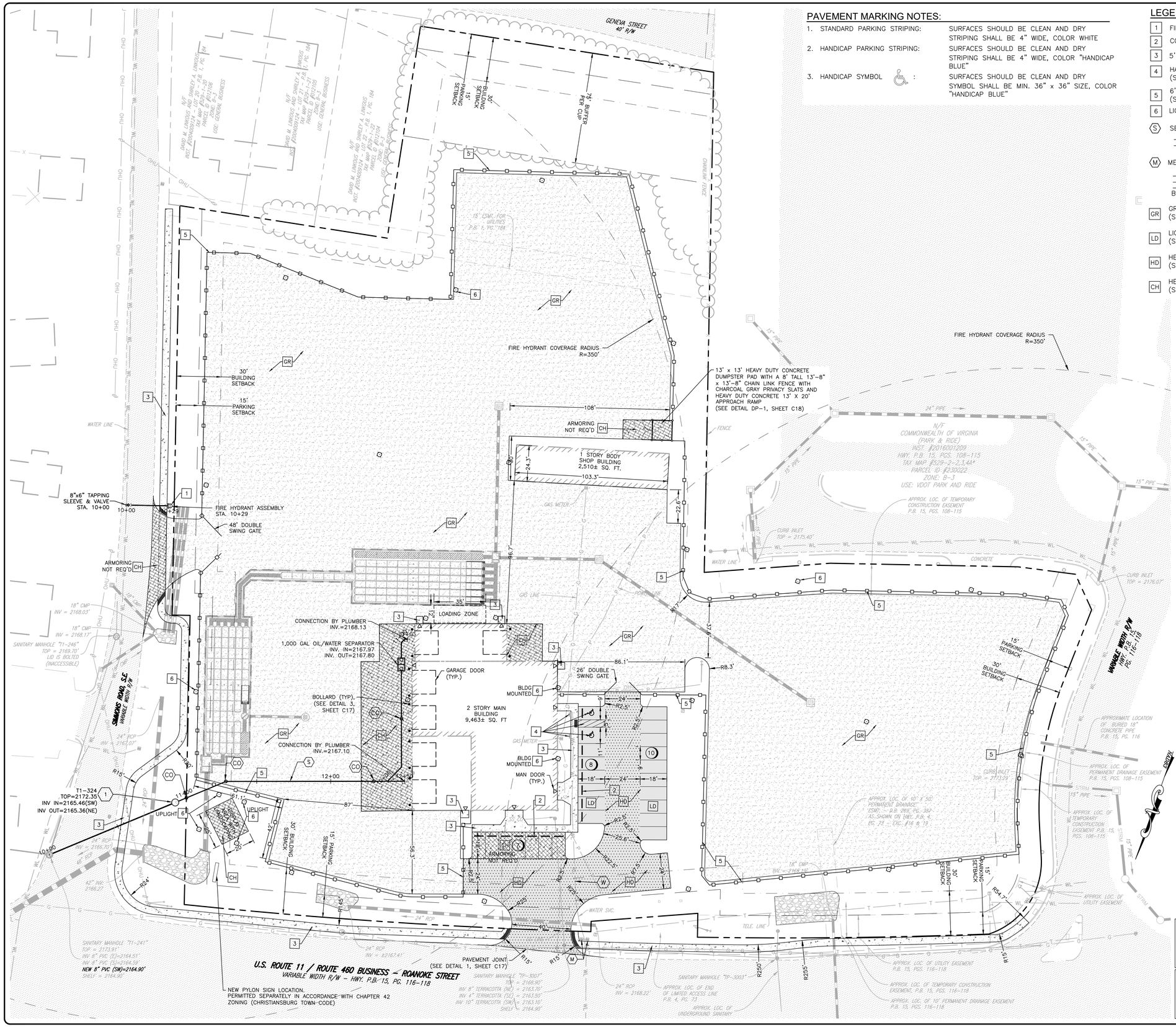

PAVEMENT MARKING NOTES:

1. STANDARD PARKING STRIPING: SURFACES SHOULD BE CLEAN AND DRY STRIPING SHALL BE 4" WIDE, COLOR WHITE
2. HANDICAP PARKING STRIPING: SURFACES SHOULD BE CLEAN AND DRY STRIPING SHALL BE 4" WIDE, COLOR "HANDICAP BLUE"
3. HANDICAP SYMBOL : SURFACES SHOULD BE CLEAN AND DRY SYMBOL SHALL BE MIN. 36" x 36" SIZE, COLOR "HANDICAP BLUE"

LEGEND

- 1 FIRE HYDRANT ASSEMBLY (SEE DETAIL FH-1, SHEET C18)
- 2 CONCRETE WHEEL STOP, (SEE DETAIL 7, SHEET C17)
- 3 5' CONCRETE SIDEWALK (SEE DETAIL 2, SHEET C17)
- 4 HANDICAP PARKING SIGN AND STRIPING (SEE DETAILS 4 & 10, SHEET C17 & DETAIL HS-1, SHEET C18)
- 5 6' TALL CHAIN LINK FENCE WITH CHARCOAL GRAY PRIVACY SLATS (SEE DETAIL 11, SEE SHEET C17)
- 6 LIGHT POLE
- (S) SEWER LATERAL 6" — X UTILITY CONTR. — EXISTING
- (CO) SEWER CLEANOUT
- (M) METER WATER 5/8" — TOWN OF CHRISTIANSBURG UTILITY CONTR. — X EXISTING — BEYOND W.M. BY PLUMB.
- (W) WATER LATERAL (EXISTING)
- GR GRAVEL PAVING (SEE DETAIL 9, SHEET C17)
- LD LIGHT DUTY ASPHALT (SEE DETAIL 5, SHEET C17)
- HD HEAVY DUTY ASPHALT (SEE DETAIL 8, SHEET C17)
- CH HEAVY DUTY CONCRETE (SEE DETAIL 6, SHEET C17)

STANDARD CONSTRUCTION NOTES

HANDICAPPED ACCESSIBILITY / ADA COMPLIANCE

1. THE MAXIMUM ALLOWABLE CROSS SLOPE ACROSS ACCESSIBLE PARKING SPACES AND ACCESSIBLE AISLES IS 2%. NO SLOPE IN ANY DIRECTION SHALL EXCEED 2% WITHIN ADA PARKING SPACES OR AISLES.
2. THE MAXIMUM ALLOWABLE LONGITUDINAL SLOPE ALONG ACCESSIBLE AISLES IS 5%.
3. THE CONTRACTOR SHALL VERIFY SLOPES AND GRADES FOR ALL ACCESSIBLE PARKING SPACES AND ACCESS AISLES AFTER STAKING IS COMPLETE AND BOTH BEFORE AND AFTER INSTALLATION.
4. ANY SLOPE DISCREPANCIES DETECTED BY THE SURVEYOR AND/OR CONTRACTOR SHALL BE REPORTED TO THE ENGINEER PRIOR TO INSTALLATION.
5. UNLESS SPECIFICALLY NOTED ON THE SITE PLAN, DETECTABLE WARNINGS STRIPS ARE REQUIRED AT ALL CURB RAMPS AND FLUSH CURB TRANSITIONS TO PARKING LOTS.
6. HAND RAILS ARE REQUIRED FOR ANY ACCESSIBLE SITE PEDESTRIAN RAMPS WITH LONGITUDINAL SLOPES THAT EXCEED 5% AND / OR 6-INCHES IN RISE.
7. SITE HAND RAILS SHALL BE PER VDOT / ADA / ANSI STANDARDS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
8. SITE HAND RAILS SHALL BE INSTALLED ON BOTH SIDES OF THE SITE SIDEWALKS WHERE HAND RAILS ARE REQUIRED.
9. PER VDOT STANDARDS, THE MAXIMUM PERMISSIBLE CURB RAMP SLOPE IS 12:1.
10. WHEEL STOPS FOR ACCESSIBLE PARKING SPACES SHALL BE INSTALLED 3'-0" OFF THE FACE OF CURB.
11. GUTTER PAN INSTALLED IN ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 2% SLOPE.
12. NO VERTICAL TRANSITIONS IN ADA ACCESSIBLE ROUTES SHALL EXCEED 1/4".
13. ANY AND ALL STANDARDS SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AS PUBLISHED BY THE DEPARTMENT OF JUSTICE SEPTEMBER 15, 2010.

SIDEWALKS

1. SIDEWALKS SHALL BE INSTALLED WITH A MAXIMUM 2% CROSS-SLOPE
2. SIDEWALKS SHALL BE BROOM FINISHED, UNLESS NOTED OTHERWISE ON THE PLANS.
3. SIDEWALKS SHALL BE 5-FOOT IN WIDTH, UNLESS NOTED OTHERWISE ON THE PLANS.

ROOF DRAINS AND DOWN SPOUTS

1. ALL DOWNSPOUTS NOT CONNECTED TO STORM SEWER SHALL BE FURNISHED WITH SPLASH BLOCKS.
2. ALL DOWN SPOUTS SHALL BE FURNISHED WITH A DOWNSPOUT/ROOFDRAIN TRANSITION BOOT. STUBBING OF DOWNSPOUT INTO ROOF DRAIN LATERAL WITHOUT A SUITABLE BOOT TRANSITION IS NOT PERMITTED.
3. ALL ROOF DRAIN LATERALS SHALL BE INSTALLED IN ACCORDANCE WITH THE PREVAILING LOCAL JURISDICTIONAL PLUMBING CODE OR THE INTERNATIONAL PLUMBING CODE, WHICHEVER IS MORE STRINGENT.
4. MINIMUM ALLOWABLE SLOPE FOR 4-INCH ROOF DRAIN LATERAL IS 2.08%.
5. MINIMUM ALLOWABLE SLOPE FOR 6-INCH ROOF DRAIN LATERAL IS 1.04%.
6. ROOF DRAIN LATERALS SHALL BE 6-INCH DIAMETER (SMOOTH-WALLED), UNLESS NOTED OTHERWISE ON THE PLANS.

BUILDING DOORS AND GRADES

1. FINISHED GRADE SHALL BE 8-INCHES BELOW FINISHED FLOOR ELEVATION ALONG ALL BUILDING WALLS, IN AREAS WHERE PERVIOUS SURFACES ARE PROVIDED, UNLESS OTHERWISE NOTED. FINISHED GRADE FOR AREAS TO BE MULCHED SHALL BE AT TOP OF MULCH. FINISHED GRADE FOR AREAS TO RECEIVE SOD SHALL BE TO TOP OF SOD.
2. ALL PERVIOUS SURFACES SHALL BE INSTALLED WITH A MINIMUM OF 5% SLOPE AWAY FROM THE BUILDING (FOR A MINIMUM OF 10-FEET), TO PROVIDE FOR POSITIVE DRAINAGE.
3. CONTRACTOR SHALL COORDINATE LOCATION OF WEEP HOLES ALONG ALL BUILDING WALLS AND VERIFY REQUIRED SEPARATION BETWEEN WEEP HOLES AND FINISHED GRADES.
4. CONTRACTOR SHALL REVIEW GRADING ALONG BUILDINGS WITH STOREFRONTS TO VERIFY REQUIRED SEPARATION IS PROVIDED.

FENCES

1. FENCES TALLER THAN 6-FOOT IN HEIGHT WILL REQUIRE A BUILDING PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE BUILDING PERMIT AT CONTRACTOR'S EXPENSE.
2. CONSTRUCTION BARRIERS – ALL CONSTRUCTION BARRIERS SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR IN COMPLIANCE WITH IBC CHAPTER 33.
3. THE CONTRACTOR SHALL SUBMIT FOR BUILDING PERMIT FOR CONSTRUCTION BARRIERS AS REQUIRED BY LOCAL CODES.

30 0 30 60 90

1" = 30'

APPROVED: Engineering Date

APPROVED: Planning Date

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JAMES RICHARD TAYLOR
Lic. No. 55142
06/12/2024
PROFESSIONAL ENGINEER

CARTER MACHINERY

2095 ROANOKE STREET, CHRISTIANSBURG, VA 24073

LAYOUT AND UTILITY PLAN

SHAWSVILLE MAGISTERIAL DISTRICT, MONTGOMERY COUNTY, VIRGINIA 24073
TOWN OF CHRISTIANSBURG

DRAWN BY	JJH/ACN
DESIGNED BY	JJH/ACN
CHECKED BY	JRT
DATE	02/26/2024
SCALE	1" = 30'
REVISIONS	
05/09/2024	
06/12/2024	

C5

PROJECT NO. 24230101.00

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