

76

LANDS N/F
FINELLI DEVELOPMENT LLC
L.6827, P.4
TM#23.09-2-6

EXIT DRIVEWAY TO DRAIN
TO EX. CB ON ROUTE 4

RIGHT-OUT EXIT-ONLY DRIVEWAY
W/SIGNAGE AND PAVEMENT MARKINGS
(NYSOT PERMIT REQUIRED,
SEE DETAILS ON SHEET 2)

EXISTING GATE TO REMAIN OPEN
DURING BUSINESS HOURS ONLY

75

LANDS N/F
BERTON J. & JUDY WOOD
L.1240, P.437
TM#23.09-3-1.1

SAW CUT AND BLEND EXIT
INTO EX. PARKING AREA

112

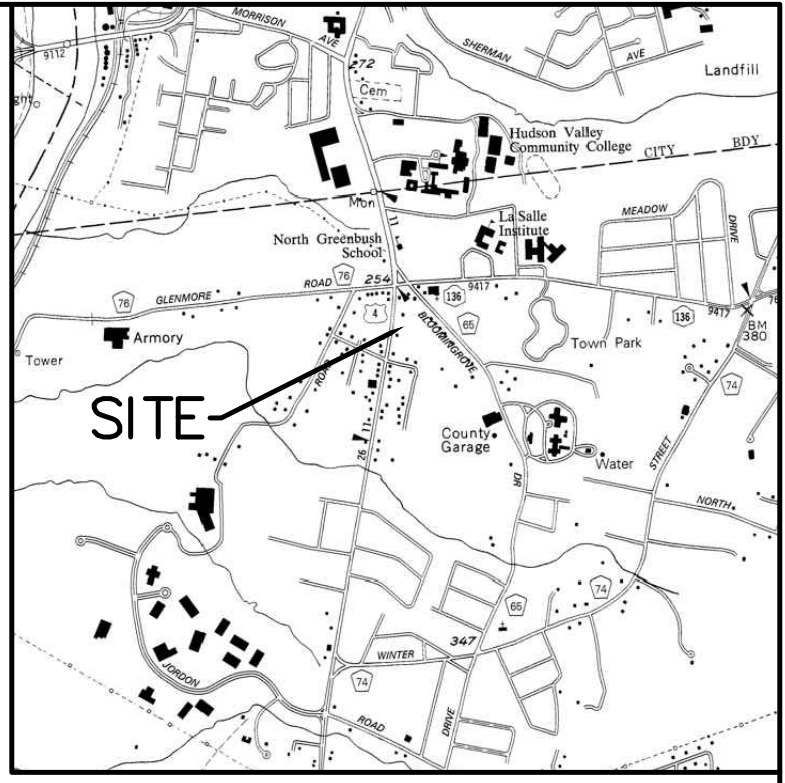
LANDS N/F
MICHAEL & AUDRA MOSCATIELLO
L.5879, P.301
TM#23.09-2-7

99

LANDS N/F
99 NORTH GREENBUSH LLC
L.4434, P.137
TM#23.09-3-9

40

LANDS N/F
KENNETH C. GOEWEY
L.1563, P.35
TM#23.09-3-4



SITE LOCATION MAP

GENERAL NOTES:

1. BASE MAPPING PREPARED BY ABD ENGINEERS & SURVEYORS, LLP FROM A FIELD SURVEY COMPLETED OCTOBER 2017, AND GIS DATA.
2. THE PLANS SHOW SOME KNOWN SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST WITHIN THE WORKING AREA. EXACT LOCATION OF WHICH MAY VARY FROM THE LOCATIONS INDICATED. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF SUCH PIPE LINES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN AND IT SHALL BE HIS OR HER RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. PROVIDE (48) HOURS BEFORE YOU DIG, DRILL OR BLAST, CALL U.F.P.O. (1-800-962-7962).
3. EXISTING AND PROPOSED GAS, ELECTRIC, AND TELECOMMUNICATIONS SERVICE LAYOUTS ARE SCHEMATIC ONLY. ALL REMOVALS, FINAL LOCATIONS, AND INSTALLATION REQUIREMENTS SHALL BE COORDINATED WITH ALL UTILITY COMPANIES.

NORTH GREENBUSH ROAD
(US ROUTE 4)

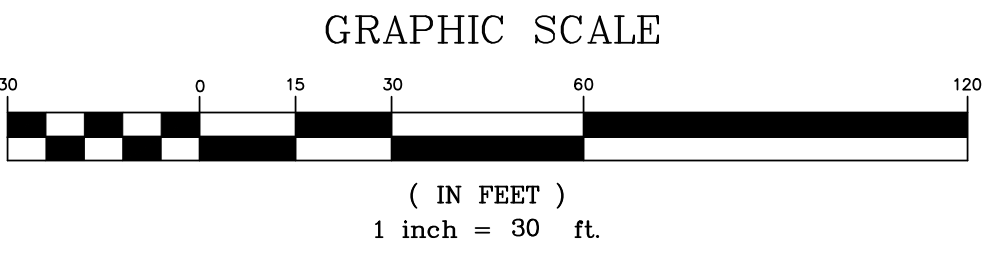
BLOOMINGROVE DRIVE

97

1 STORY
BLOCK
BUILDING

LANDS N/F
DAVEY'S REALTY LLC
L.8086, P.75
TM#23.9-3-2.2

APPLICANT:
JOHN COLE JR
DAVEY'S REALTY LLC
2026 DOUBLEDAY AVENUE
BALLSTON SPA, NY 12020
TAX MAP #: 123.9-3-2.1
AREA=2.39± ACRES



LEGEND	
EXISTING TEXT - STANDARD	
PROPOSED TEXT - ITALICIZED	
GV ○ GAS VALVE	
WV ○ WATER VALVE	
WSO ○ WATER SHUT OFF	
MH ○ MANHOLE	
CB □ CATCH BASIN	
PP ○ UTILITY POLE	
LP ○ LIGHT POLE	
IRF ○ IRON ROD FOUND	
CIRF ○ CAPPED IRON ROD FOUND	
BML ■ BUILDING MOUNTED LIGHT	
SIGN	
— GAS LINE	
— TELEPHONE LINE	
— WATER LINE	
— UGE— UNDERGROUND ELEC LINE	
— ST— STORM LINE	
— SANITARY LINE	
— OVERHEAD UTIL.	

NO.	REVISION	BY	DATE



LUIGI A. PALLESCHI, P.E.
N.Y.S. LICENSE NO. 94676

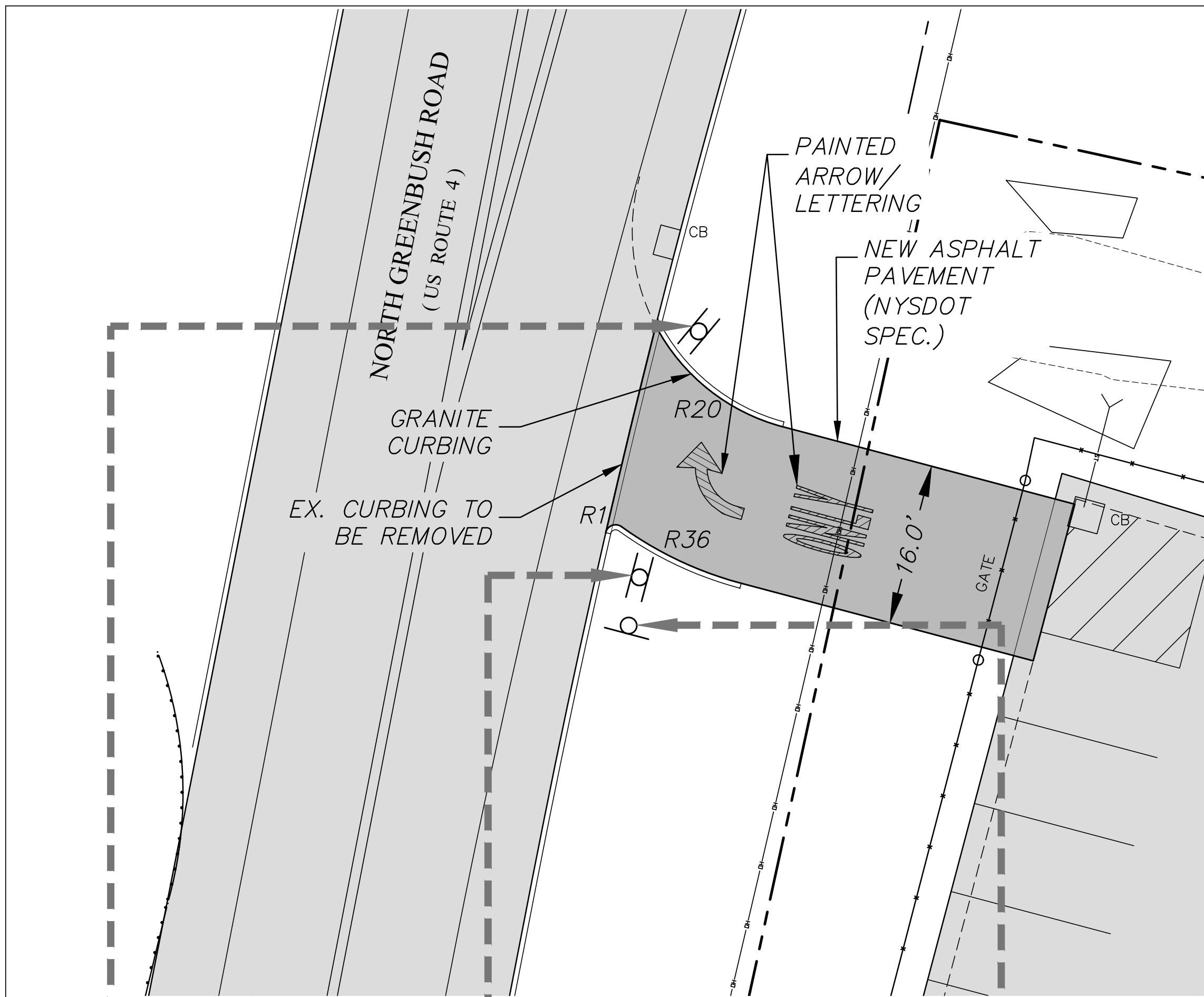
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EXIT DRIVEWAY - OVERALL PLAN
COLE'S COLLISION
97 NORTH GREENBUSH ROAD (US-4)

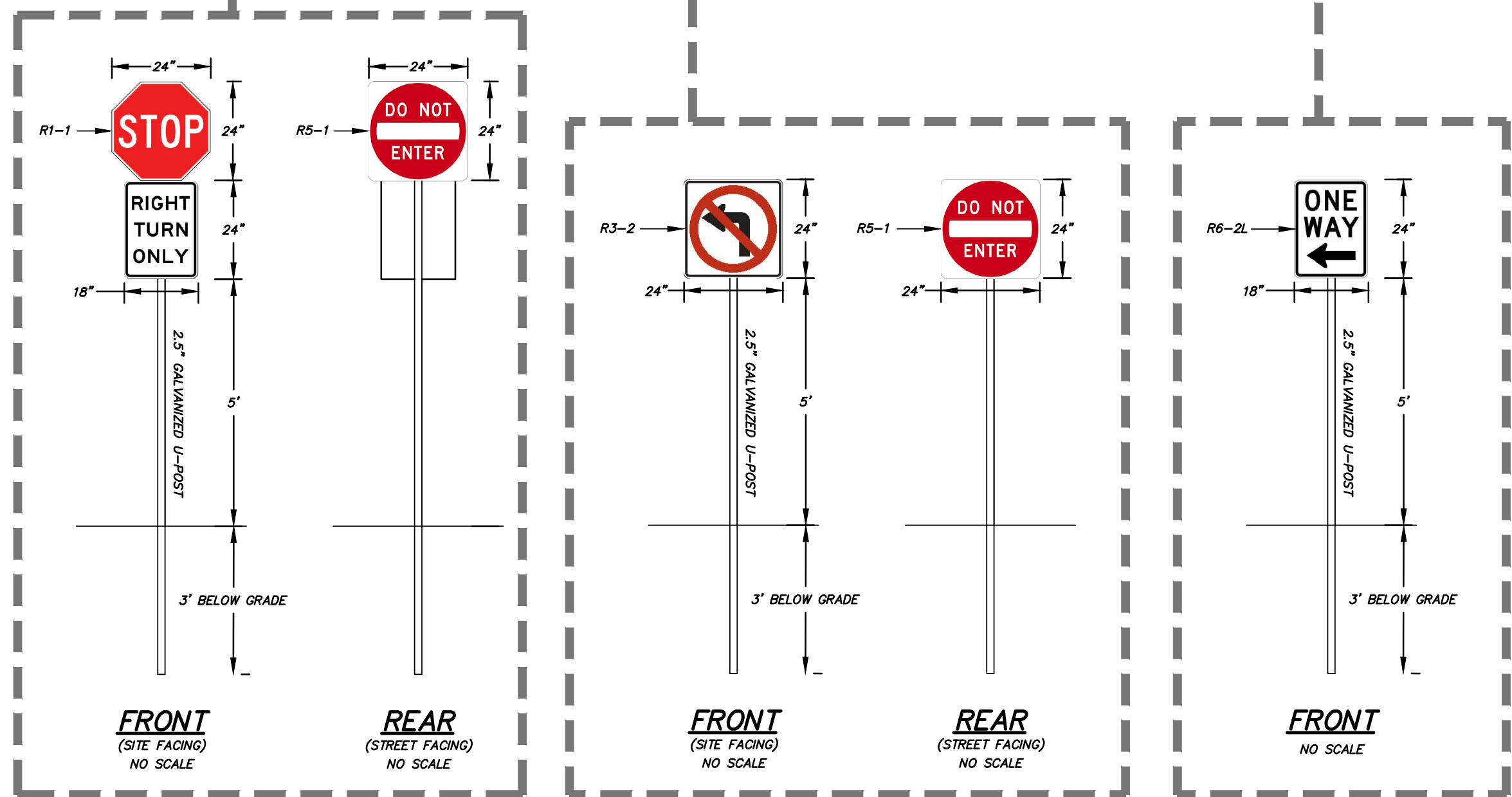
TOWN OF NORTH GREENBUSH COUNTY OF RENSSELAER
STATE OF NEW YORK

ABD ENGINEERS & SURVEYORS
411 Union St. Schenectady, N.Y. 12305
518-377-0315 Fax: 518-377-0379
www.abdeng.com

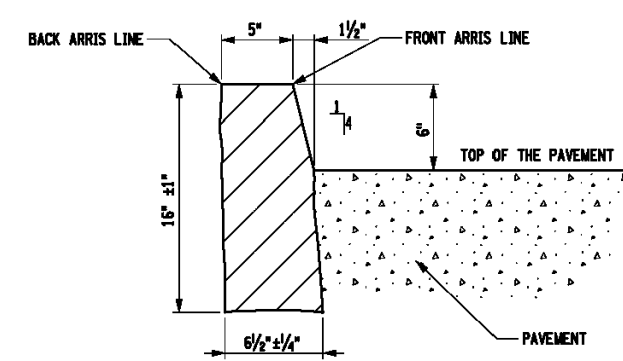
DATE: MAY 16, 2024 SCALE: 1" = 30' DWG. 4720A-S18 SHEET 1 OF 2



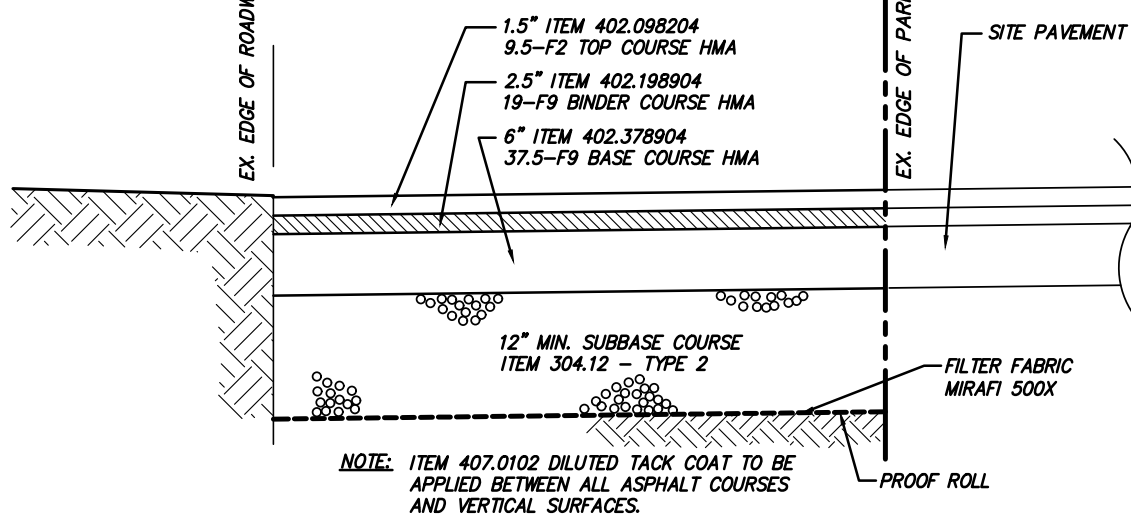
SCALE: 1" = 10'



SIGN DETAILS
NO SCALE



GRANITE CURB DETAIL
NO SCALE



NYSOT PAVEMENT DETAIL
NO SCALE - NOTE: REFER TO 808-03 NYSOT STANDARD SHEETS

GENERAL NOTES

1. THE PROPOSED DETAILS SHOWN ON THESE SHEETS AND IN THE MUTCD, REFLECT THE STANDARD REQUIREMENTS.
2. THE PROPOSED DETAILS TO THE TRAFFIC CONTROL PLAN SHALL BE PROVIDED, IN WRITING, TO THE ENGINEER FOR REVIEW AND APPROVAL BY THE ENGINEER WITHIN 10 BUSINESS DAYS OF THE DATE OF SUBMITTAL. ANY CHANGES TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BY THE ENGINEER WITHIN 10 BUSINESS DAYS OF THE DATE OF SUBMITTAL.
3. THE NUMBER, ADDRESS, AND TELEPHONE NUMBER OF STAFF WHO ARE AUTHORIZED TO SIGN THESE SHEETS SHALL BE PROVIDED TO THE ENGINEER. THE NEW YORK STATE POLICE, THE REGIONAL ENGINEER, AND THE LOCAL POLICE.
4. STANDARD SHEET 618-035 MAY BE USED FOR AN OFFSITE DETOUR SETUP FOR BOTH LONG TERM AND SHORT TERM WORK DURATION.
5. REGIONAL HIGH-VOLUME RESTRICTIONS SHALL BE FOLLOWED, CONSULT WITH DOT ENGINEER OF LOCATION NEARBY.
6. PLAN AREA TO AVOID CONFLICTING WORK ZONES. CHECK FOR CONSTRUCTION PROJECTS, UTILITIES, AND OTHER WORK IN THE AREA. CHECK WITH THE REGIONAL ENGINEER AND THE LOCAL POLICE.

WORK ZONE

1. WORK ZONE INCIDENTS SHALL BE DOCUMENTED AND REPORTED USING EITHER THE CONTRACTOR'S WORK ZONE INCIDENT FORM OR THE CONSTRUCTION INCIDENT REPORTING SYSTEM, AS APPROPRIATE.
2. CONSIDER CLOSING WIDTH AND THE ABILITY TO ACCOMMODATE LOAD WEIGHTS BEFORE ESTABLISHING WORK ZONES.
3. IF THE WORK ZONE AFFECTS AN EXISTING ACCESSIBLE AND ACCESSIBLE PEDESTRIAN FACILITY, ACCESSIBILITY AND SAFETY SHALL BE PROVIDED ALONG THE ALTERNATE ROUTE.

ACTIVITY AREA

1. A 500' MINIMUM LENGTH DISTANCE SHALL BE MAINTAINED BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WORK ZONE OR WORK AREA ARE EXISTING OPERATIONS OR ARE IN EXISTING PRODUCTS, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING ZONES AND THAT LANE CONTINuity IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATION OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATION OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. SIGN AND SIGN MOUNTING SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD. SIGN MOUNTING SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD. SIGN MOUNTING SHALL BE INSTALLED IN ACCORDANCE WITH THE MUTCD.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. SIGNS MOUNTED ON THE MEDIUM OR DIVIDED HIGHWAYS WHERE MEDIUM BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A LOCAL TYPICAL BRACKET OR MOUNTED WITHIN 10' OF THE BARRIER. THE SIGN SHALL BE MOUNTED IN A VERTICAL POSITION.
5. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL ENGINEER OR BY THE ENGINEER OF LOCATION.
6. W199-2Z SHALL BE USED IN PLACE OF W199-1 WHEN A REDUCED REGULATORY SPEED LIMIT SIGN IS NOT REQUIRED.

ROAD AND FLEXIBLE "ROLL-UP" SIGNS

1. ROAD AND FLEXIBLE "ROLL-UP" SIGNS MAY BE USED FOR MOBILE, SHORT DURATION AND STOPPING TRAFFIC CONTROL. THESE SIGNS SHALL BE USED IN ACCORDANCE WITH THE MUTCD. THESE SIGNS SHALL BE USED IN ACCORDANCE WITH THE MUTCD.

CONSTRUCTION DEVICES

1. WHERE POSSIBLE, ALL CHANNELING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 4' LATERAL CLEARANCE TO THE TRAVELER WAY.
2. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE UNACCESSIBLE SHALL BE NOTIFIED AT LEAST 14 DAYS BEFORE THE DATE OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ACCESS TO THE DRIVEWAYS AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
3. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES

1. LANE CLOSURES SHALL BE LOCATED TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CHANGES IN THE EXISTING CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANE CLOSURES BE RECORDED AT THE TIME OF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.
3. EACH ARROW PANEL SHALL BE VISIBLE 1500 FEET IN ADVANCE FROM ANY POINT WITHIN THE ROADWAY.

GENERAL NOTES

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTH FOR WORK ZONE TRAVEL LINES SHALL BE AS FOLLOWS: PRESENTS TO THE ENGINEER 15 TO THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. A WRITER SHALL BE PROVIDED TO THE ENGINEER A MINIMUM OF 10 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF ANY LANE. THE WRITER SHALL BE PROVIDED TO THE ENGINEER A MINIMUM OF 10 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF ANY LANE. THE WRITER SHALL BE PROVIDED TO THE ENGINEER A MINIMUM OF 10 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF ANY LANE.
3. IF THE WORK ZONE AFFECTS PEDESTRIAN, A MINIMUM PEDESTRIAN PATHWAY WIDTH OF 5 FEET SHALL BE MAINTAINED UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
4. TEMPORARY BARRIERS ACCOMMODATING SHALL NOT BE LESS THAN CURRENTLY EXISTS UNLESS AUTHORIZED BY THE ENGINEER.

PROTECTIVE VEHICLES

1. PROTECTIVE VEHICLES ARE DIVIDED INTO 4 CATEGORIES BASED ON THE GROSS VEHICLE WEIGHT (GVW) OF THE VEHICLE. THE GROSS VEHICLE WEIGHT (GVW) OF THE VEHICLE SHALL BE MAINTAINED UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
2. IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS ENTIRELY ON THE SHOULDER OF ANY HIGH SPEED ROAD 100 MPH OR MORE, IT SHALL BE EQUIPPED WITH A RED SPINNING LIGHTS. THE LIGHTS SHALL BE OPERATIONAL AT ALL TIMES.
3. IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS ENTIRELY ON THE SHOULDER OF ANY HIGH SPEED ROAD 100 MPH OR MORE, IT SHALL BE EQUIPPED WITH A RED SPINNING LIGHTS. THE LIGHTS SHALL BE OPERATIONAL AT ALL TIMES.
4. IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS ENTIRELY ON THE SHOULDER OF ANY HIGH SPEED ROAD 100 MPH OR MORE, IT SHALL BE EQUIPPED WITH A RED SPINNING LIGHTS. THE LIGHTS SHALL BE OPERATIONAL AT ALL TIMES.

WORK DURATION DEFINITIONS

1. THERE ARE THREE WORK DURATIONS:
 - A. LONG TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.
 - B. INTERMEDIATE-TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION MORE THAN 1 HOUR AND LESS THAN 30 DAYS.
 - C. SHORT-TERM IS STATIONARY WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
2. SPECIAL OPERATIONS ARE WORK OPERATIONS THAT ARE NOT FIT INTO ONE OF THE ABOVE FIVE CATEGORIES. SPECIAL OPERATIONS INCLUDE:
 - A. STOP AND GO OPERATIONS - WORK THAT COMPLETES WITHIN 30 MINUTES AND IS PERFORMED DURING THE DAYTIME OR AT NIGHT IN ACCORDANCE WITH THE MUTCD.
 - B. OTHER OPERATIONS INCLUDING WORKING MAJOR HIGHWAY OVERHEAD OPERATIONS, TEMPORARY ROADWAY RESTRICTIONS, ETC.

TABLE 310-01: PROTECTIVE VEHICLE REQUIREMENTS

CLOSURE TYPE	ROAD TYPE & SPEED	NON-FREEMAN		
		≥ 45 MPH	35 - 40 MPH	≤ 30 MPH
LANE CLOSURE OR ENCROACHMENT	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	P, TWA	P, TWA	P
SHOULDER CLOSURE OR ENCROACHMENT	OTHER HAZARDOUS NO WORKERS EXPOSED	P, TWA	P	SEE NOTE 2
	WORKERS ON FOOT OR VEHICLE EXPOSED TO TRAFFIC	P, TWA	P	P
	OTHER HAZARDOUS NO WORKERS EXPOSED	P, TWA	P	SEE NOTE 2

TABLE 310-02: ROLL AHEAD DISTANCE

PRODUCTION POSTED SPEED LIMIT (MPH)	STATIONARY OPERATIONS	WORK AREA
55	150/3	200/5
45 - 50	80/2	160/4
≤ 40	40/1	120/3

TABLE 310-03: ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS - SIGN LEGEND			
	A	B	C	D
URBAN ≤ 30 MPH	100	100	100	100
URBAN 30-40 MPH	200	200	160/2	160/2
URBAN 40-50 MPH	300	300	240/2	240/2
RURAL	500	500	400/2	400/2

TABLE 310-04: LONGITUDINAL BUFFER SPACE AND TAPER LENGTHS

PRODUCTION POSTED SPEED LIMIT (MPH)	LONGITUDINAL BUFFER SPACE (FT)	TAPER LENGTH L (FT) * OF SHOULDER WIDTH		SHOULDER TAPER LENGTH L/3 (FT) * OF SHOULDER WIDTH
		MIN	MAX	
10	10	≤ 4 FT	5 - 7 FT	1.8 FT
25	150/4	120/3/4	120/3/4	40/1/2
30	200/5	160/4/5	160/4/5	40/1/2
35	250/6	200/5/6	240/6/7	40/1/2
40	300/7	240/6/7	280/7/8	40/1/2
45	360/9	440/11/12	520/13/14	80/2/3
50	420/11	520/13/14	560/14/15	80/2/3
55	480/13	600/15/16	680/17/18	120/3/4

TABLE 310-05: REQUIRED SIGN SIZES*

SIGN	NON-FREEMAN	FREEMAN
W1-30	36x48	48x24
W1-36	36x48	48x24
W1-39	36x48	36x20
W1-43	36x48	48x24
W1-51	36x48	48x24
W1-52	36x48	48x24
W1-53	36x48	48x24
W1-54	36x48	48x24
W1-55	36x48	48x24
W1-56	36x48	48x24
W1-57	36x48	48x24
W1-58	36x48	48x24
W1-59	36x48	48x24
W1-60	36x48	48x24
W1-61	36x48	48x24
W1-62	36x48	48x24
W1-63	36x48	48x24
W1-64	36x48	48x24
W1-65	36x48	48x24
W1-66	36x48	48x24
W1-67	36x48	48x24
W1-68	36x48	48x24
W1-69	36x48	48x24
W1-70	36x48	48x24
W1-71	36x48	48x24
W1-72	36x48	48x24
W1-73	36x48	48x24
W1-74	36x48	48x24
W1-75	36x48	48x24
W1-76	36x48	48x24
W1-77	36x48	48x24
W1-78	36x48	48x24
W1-79	36x48	48x24
W1-80	36x48	48x24
W1-81	36x48	48x24
W1-82	36x48	48x24
W1-83	36x48	48x24
W1-84	36x48	48x24
W1-85	36x48	48x24
W1-86	36x48	48x24
W1-87	36x48	48x24
W1-88	36x48	48x24
W1-89	36x48	48x24
W1-90	36x48	48x24
W1-91	36x48	48x24
W1-92	36x48	48x24
W1-93	36x48	48x24
W1-94	36x48	48x24
W1-95	36x48	48x24
W1-96	36x48	48x24
W1-97	36x48	48x24
W1-98	36x48	48x24
W1-99	36x48	48x24
W1-100	36x48	48x24

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LUIGI A. PALLESCHI, P.E.
N.Y.S. LICENSE NO. 94676

EXIT DRIVEWAY - NYSOT DETAILS
COLE'S COLLISION
97 NORTH GREENBUSH ROAD (US-4)

TOWN OF NORTH GREENBUSH COUNTY OF RENSSAELER
STATE OF NEW YORK

ABD ENGINEERS
SURVEYORS
411 Union St. Schenectady, N.Y. 12305
518-377-0315 Fax: 518-377-0379
www.abdeng.com

DATE: MAY 16, 2024 SCALE: AS SHOWN DWG. 4720A-S18 SHEET 2 OF 2