

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
(NYS DOT 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

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

112

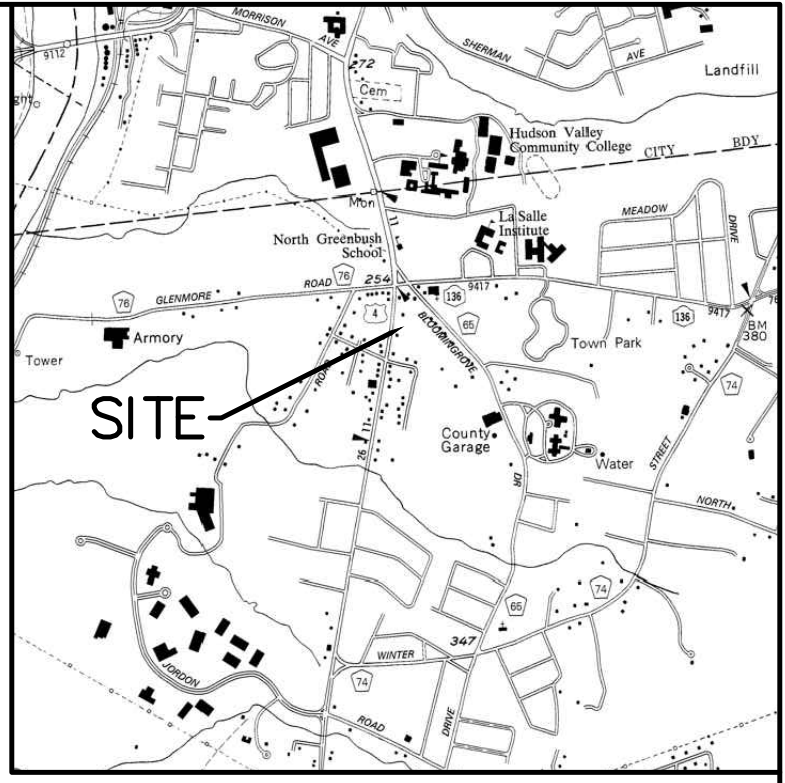
LANDS N/F
MICHAEL & AUDRA MOSCATIELLO
L.5879, P.301
TM#23.09-2-7

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

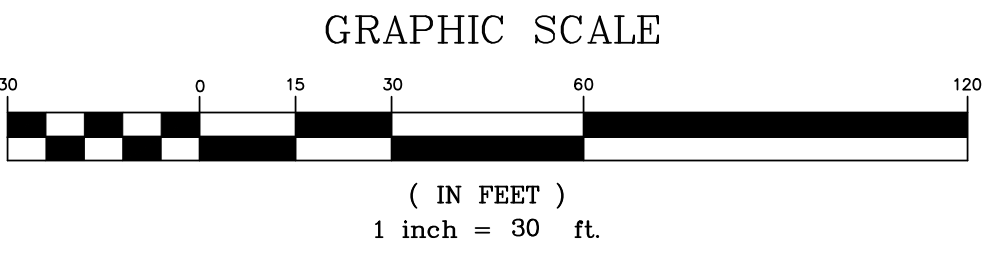
97

1 STORY
BLOCK
BUILDING

SANITARY SEWER
EASEMENT
VOL.8261, P.1

SANITARY SEWER EASEMENT
L.4392, P.213

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



NO.	REVISION	DATE	BY
1.	NYS DOT CONCEPT APPROVED	4.10.25	DK

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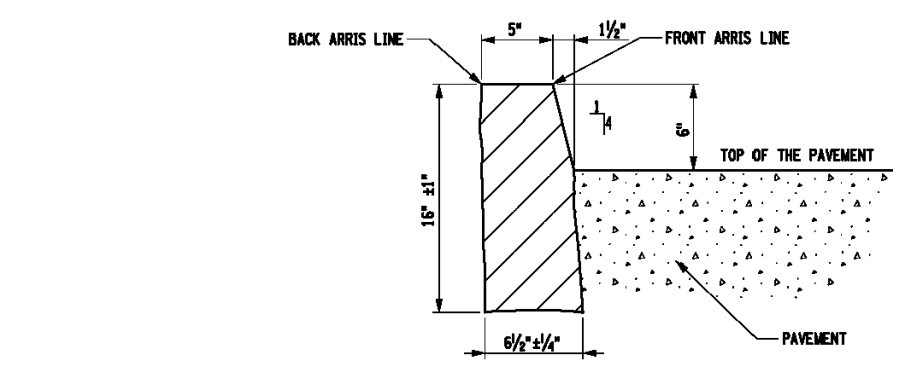
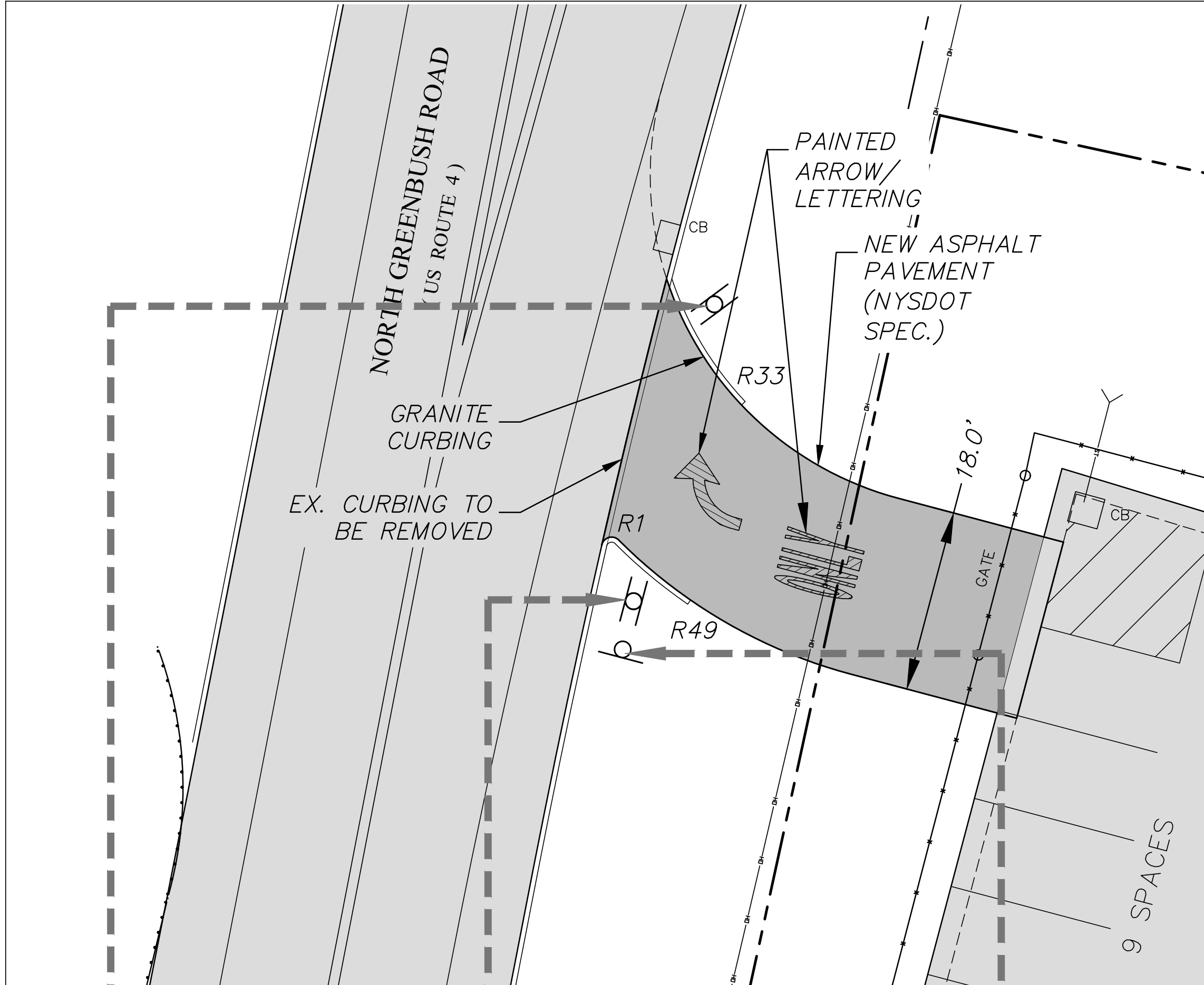
LUIGI A. PALLESCHI, P.E.
N.Y.S. LICENSE NO. 94676

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

TOWN OF NORTH GREENBUSH COUNTY OF RENSSELAER
STATE OF NEW YORK

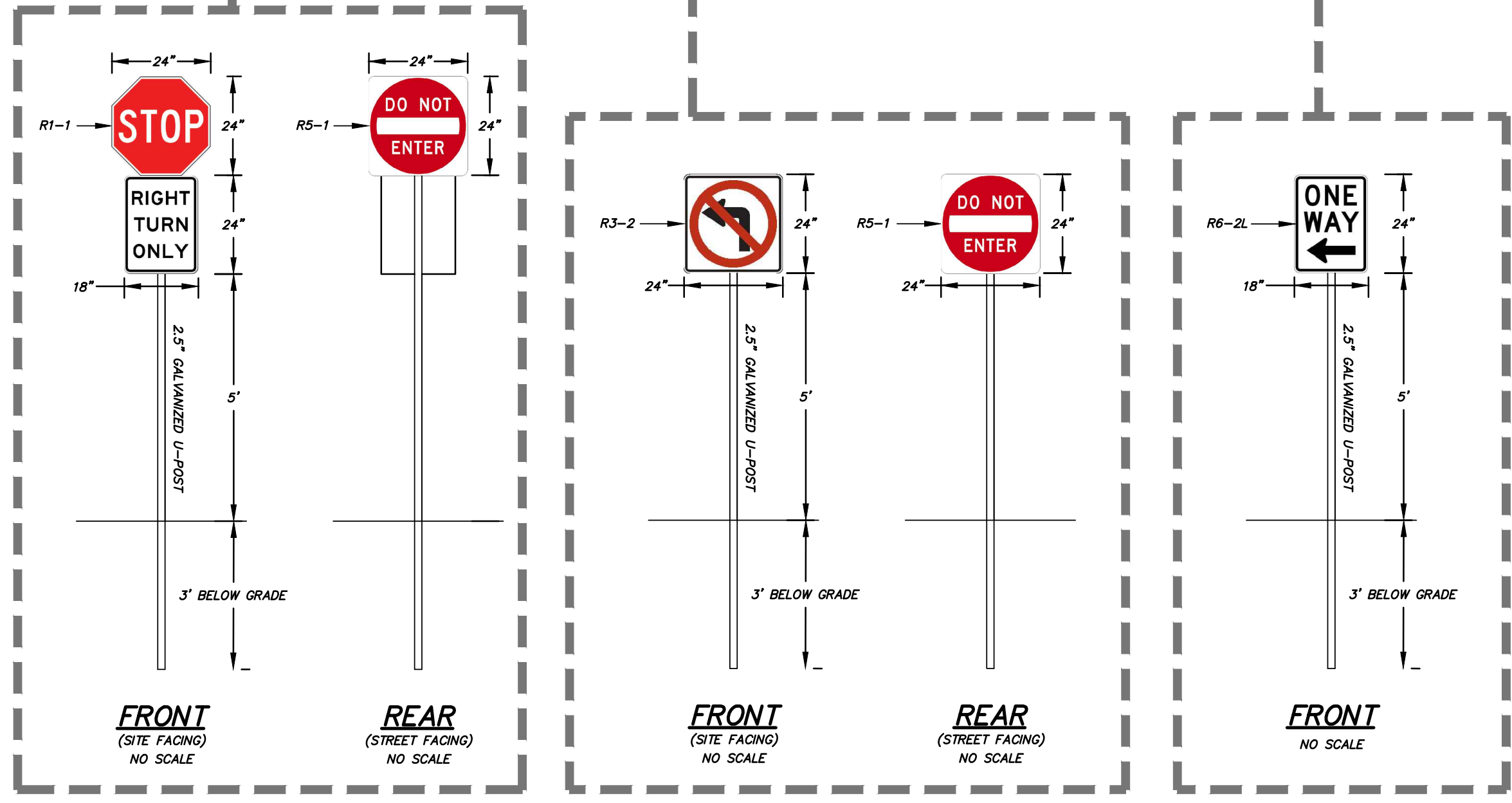
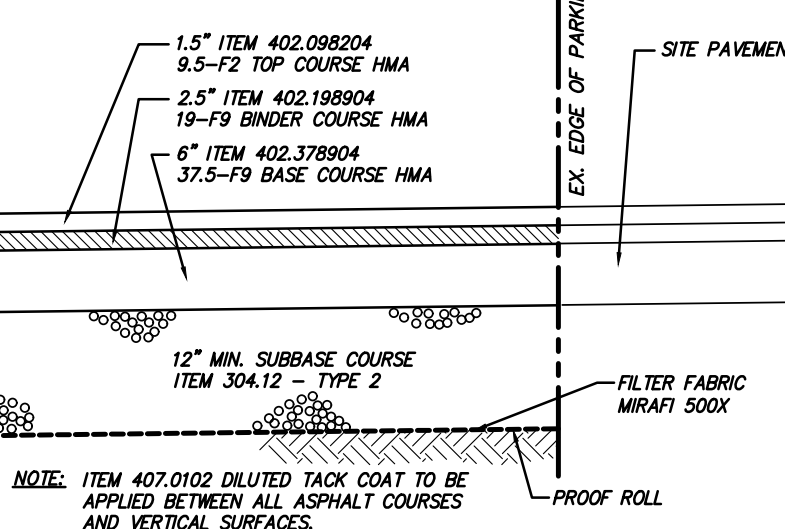
ABD ENGINEERS
SURVEYORS
411 Union St. Schenectady, N.Y. 12305
518-377-0315 Fax: 518-377-0379
www.abdeng.com

DATE: MAY 16, 2024 SCALE: 1" = 30' DWG. 4720A-S19 SHEET 1 OF 2



GRANITE CURB DETAIL

NO SCALE



SIGN DETAILS

NO SCALE

GENERAL NOTES

- UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTH FOR WORK ZONE TRAVEL SHALL BE AS FOLLOWS: FREEWAYS: 35 TO 40 FEET; OTHER TYPES OF ROADWAYS: 30 FEET.
- PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN SHALL BE PROVIDED IN WRITING, RESUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL BY THE ENGINEER WITHIN 10 BUSINESS DAYS OF THE DATE OF SUBMITTAL. REVISIONS SHOULD BE IDENTIFIED BY NUMBER AND DATE. THE ENGINEER WILL PROVIDE A WRITTEN RESPONSE TO THE ENGINEER WITHIN 10 BUSINESS DAYS OF THE DATE OF SUBMITTAL. REVISIONS SHOULD BE IDENTIFIED BY NUMBER AND DATE.
- THE NUMBER, ADDRESS, AND TELEPHONE NUMBER OF STAFF WHO ARE AUTHORIZED TO SIGN AND VERIFY THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE ENGINEER. SIGNATURES OF STAFF WHO ARE AUTHORIZED TO SIGN AND VERIFY THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE ENGINEER.
- STANDARD SHEET 818-503 MAY BE USED FOR AN OFFSITE DETOUR SETUP FOR BOTH LONG TERM AND SHORT TERM WORK OPERATIONS.
- REGIONAL HIGH-VOLUME RESTRICTIONS SHALL BE FOLLOWED, CONSULT WITH DOT ENGINEER OF JUNCTION NEARBY.
- PLAN AREA TO AVOID CONFLICTING WORK ZONES. CHECK FOR CONSTRUCTION PROJECTS, CONSTRUCTION WORK ZONE (COW) INFORMATION, AND CONSTRUCTION PROJECTS. CHECK FOR CONSTRUCTION PROJECTS, CONSTRUCTION WORK ZONE (COW) INFORMATION, AND CONSTRUCTION PROJECTS.
- WORK ZONE INCIDENTS SHALL BE DOCUMENTED AND REPORTED USING EITHER THE NYS DOT WORK ZONE REPORT FORM OR THE CONSTRUCTION PROJECT REPORTING SYSTEM, AS APPROPRIATE.
- CONSIDER CLOSING WIDTH AND THE ABILITY TO ACCOMMODATE WIDE LOAD VEHICLES BEFORE ESTABLISHING WORK ZONES.
- IF THE WORK ZONE AFFECTS AN EXISTING ACCESSIBLE AND DETECTABLE PEDESTRIAN FACILITY, ACCESSIBILITY AND VISIBILITY SHALL BE PROVIDED ALONG THE ALTERNATE ROUTE.

ACTIVITY AREA

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

SIGNS

- THE LOCATION OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SITE CONDITIONS AND OTHER CONSIDERATIONS. THE FINAL LOCATION OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
- FOR LONG TERM WORK OPERATIONS, ALL SIGNS, INCLUDING OVERHEAD SIGNS, SHOULD BE MAINTAINED THROUGHOUT THE DURATION OF THE WORK ZONE. ALL SIGNS SHOULD BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE INDICATED IN WRITING.
- SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBTAIN A VIEW OF THE ROADWAY.
- SIGNS MOUNTED ON THE MEDIUM OR GATED HIGHWAYS WHERE MEDIUM BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A 2" GALVANIZED GALVALUME BRACKET WITH 1 1/2" HOLE SPACING. ALL SIGNS MOUNTED ON THE BARRIER SHALL BE PLACED IN A POSITION THAT DOES NOT OBSTRUCT THE VIEW OF THE ROADWAY.
- THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE NOTES. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OF THE REGIONAL OFFICE.
- W30-1 SHALL BE USED IN PLACE OF W30-1 WHEN A REDUCED REGULATORY SPEED LIMIT SIGN IS NOT REQUIRED.

ROAD AND FLEXIBLE "ROLL-UP" SIGNS MAY BE USED FOR MOBILE, SHORT DURATION AND STOP-AND-GO OPERATIONS. THESE SIGNS SHALL BE PLACED IN A POSITION THAT DOES NOT OBSTRUCT THE VIEW OF THE ROADWAY. THESE SIGNS SHALL BE PLACED IN A POSITION THAT DOES NOT OBSTRUCT THE VIEW OF THE ROADWAY. THESE SIGNS SHALL BE PLACED IN A POSITION THAT DOES NOT OBSTRUCT THE VIEW OF THE ROADWAY.

CONSTRUCTION DEVICES

- WHERE POSSIBLE, ALL CHANNELING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 4' LATERAL CLEARANCE TO THE TRAVELER WAY.
- PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE UNACCESSIBLE SHALL BE NOTIFIED AT LEAST 14 DAYS BEFORE THE DATE OF OPERATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL DRIVEWAYS AND SHALL BE RESPONSIBLE FOR RESTORING DRIVEWAYS TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE INDICATED IN WRITING.
- SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES

- LANE CLOSURES SHALL BE LOCATED TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CHANGES IN THE EXISTING CONDITIONS PERMIT.
- THE ENGINEER MAY REQUIRE THAT ALL LANES BE CLOSED AT ANY TIME IF THE RATE IS NEARLY OR EXCEEDED FOR SAFETY REASONS. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.
- EACH ARROW PANEL SHALL BE VISIBLE 1500 FEET IN ADVANCE FROM ANY POINT WITHIN THE ROADWAY.

LANE NOTES

- UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTH FOR WORK ZONE TRAVEL SHALL BE AS FOLLOWS: FREEWAYS: 35 TO 40 FEET; OTHER TYPES OF ROADWAYS: 30 FEET.
- A WRITTEN RESPONSE TO THE ENGINEER SHALL BE PROVIDED WITHIN 10 BUSINESS DAYS OF THE DATE OF SUBMITTAL. REVISIONS SHOULD BE IDENTIFIED BY NUMBER AND DATE.
- IF THE WORK ZONE AFFECTS PEDESTRIAN, A MINIMUM PEDESTRIAN PATHWAY WIDTH OF 5 FEET SHALL BE MAINTAINED UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- TEMPORARY BARRIERS ACCOMMODATING SHALL NOT BE LESS THAN CURRENTLY EXISTS UNLESS AUTHORIZED BY THE ENGINEER.

PROTECTIVE VEHICLES

- PROTECTIVE VEHICLES ARE DIVIDED INTO 3 CATEGORIES BASED ON THE GROSS VEHICLE WEIGHT (GVW) OF THE VEHICLE. THE WEIGHT OF A VEHICLE IS THE GROSS WEIGHT OF THE VEHICLE PLUS THE WEIGHT OF THE LOAD. THE WEIGHT OF A VEHICLE IS THE GROSS WEIGHT OF THE VEHICLE PLUS THE WEIGHT OF THE LOAD.
- IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS PARTIALLY ON THE SHOULDER OF ANY HIGH SPEED ROAD 14 MPH, IT SHALL BE EQUIPPED WITH A RED FLASHING LIGHTS. THE LIGHTS SHALL BE OPERATED AT ALL TIMES.
- IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS PARTIALLY ON THE SHOULDER OF ANY HIGH SPEED ROAD 14 MPH, IT SHALL BE EQUIPPED WITH A RED FLASHING LIGHTS. THE LIGHTS SHALL BE OPERATED AT ALL TIMES.
- IF THE PROTECTIVE VEHICLE OPERATES WITHIN THE TRAVEL LANE, OR IF IT REMAINS PARTIALLY ON THE SHOULDER OF ANY HIGH SPEED ROAD 14 MPH, IT SHALL BE EQUIPPED WITH A RED FLASHING LIGHTS. THE LIGHTS SHALL BE OPERATED AT ALL TIMES.

WORK DURATION DEFINITIONS

- THERE ARE THREE WORK DURATION TYPES:
 - SHORT-TERM STATIONARY DAYTIME WORK** THAT OCCUPIES A LOCATION MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
 - SHORT-TERM STATIONARY DAYTIME WORK** THAT OCCUPIES A LOCATION MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
 - SHORT-TERM STATIONARY DAYTIME WORK** THAT OCCUPIES A LOCATION MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
- SPECIAL OPERATIONS ARE WORK OPERATIONS THAT DO NOT FIT INTO ONE OF THE ABOVE FIVE CATEGORIES. SPECIAL OPERATIONS INCLUDE:
 - STOP AND GO OPERATIONS** - WORK THAT COMPLETES WITHIN 30 MINUTES AND REQUIRES THE WORK ZONE TO BE REESTABLISHED AT A FREQUENT INTERVAL.
 - OTHER OPERATIONS INCLUDING WORKING MACHINES/MECHANICAL OPERATIONS** - TEMPORARY ROAD/STREET CLOSURES, ETC.

TABLE 310-01-1 PROTECTIVE VEHICLE REQUIREMENTS

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

TABLE 310-02-01 ROLL AHEAD DISTANCE

PRODUCTION PASTER SPEED (LIMIT MPH)	STATIONARY OPERATION
5-55	150/3
45-50	80/2
40	40/1

TABLE 310-04-01 ADVANCE WARNING SIGN SPACING

ROAD TYPE	A	B	C	D	E	F	G	H	I
URBAN ≤ 30 MPH	100	100	100	100	100	100	100	100	100
URBAN 30-40 MPH	200	200	200	200	200	200	200	200	200
URBAN 40-60 MPH	300	300	300	300	300	300	300	300	300
RURAL	500	500	500	500	500	500	500	500	500

TABLE 310-06-01 LONGITUDINAL BUFFER SPACE AND TAPER LENGTHS

PRODUCTION PASTER SPEED (LIMIT MPH)	LONGITUDINAL BUFFER SPACE (FT)	TAPER LENGTH (FT) * OF SHOULDER OR 1/2 * OF SHOULDER WIDTH	SHOULDER TAPER LENGTH (FT) * OF SHOULDER WIDTH	SHOULDER TAPER LENGTH (FT) * OF SHOULDER WIDTH
10	10	5	5	5
15	15	7 1/2	7 1/2	7 1/2
20	20	10	10	10
25	25	12 1/2	12 1/2	12 1/2
30	30	15	15	15
35	35	17 1/2	17 1/2	17 1/2
40	40	20	20	20
45	45	22 1/2	22 1/2	22 1/2
50	50	25	25	25
55	55	27 1/2	27 1/2	27 1/2

TABLE 310-05-01 REQUIRED SIGN SIZES*

SIGN	NON-FREEMAY	FREEMAY
W30-1	36x48	48x24
W30-2	36x48	48x24
W30-3	36x48	48x24
W30-4	36x48	48x24
W30-5	36x48	48x24
W30-6	36x48	48x24
W30-7	36x48	48x24
W30-8	36x48	48x24
W30-9	36x48	48x24
W30-10	36x48	48x24
W30-11	36x48	48x24
W30-12	36x48	48x24
W30-13	36x48	48x24
W30-14	36x48	48x24
W30-15	36x48	48x24
W30-16	36x48	48x24
W30-17	36x48	48x24
W30-18	36x48	48x24
W30-19	36x48	48x24
W30-20	36x48	48x24
W30-21	36x48	48x24
W30-22	36x48	48x24
W30-23	36x48	48x24
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W30-29	36x48	48x24
W30-30	36x48	48x24
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W30-33	36x48	48x24
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W30-43	36x48	48x24
W30-44	36x48	48x24
W30-45	36x48	48x24
W30-46	36x48	48x24
W30-47	36x48	48x24
W30-48	36x48	48x24
W30-49	36x48	48x24
W30-50	36x48	48x24

LEGEND

- EXISTING TEXT - STANDARD
- PROPOSED TEXT - ITALICIZED
- GV - GAS VALVE
- WV - WATER VALVE
- WSD - WATER SHUT OFF
- MH - MANHOLE
- CB - CATCH BASIN
- PP - UTILITY POLE
- LP - LIGHT POLE
- IRF - IRON ROD FOUND
- CRF - CAPPED IRON ROD FOUND
- BML - BUILDING MOUNTED LIGHT SIGN
- - GAS LINE
- - - TELEPHONE LINE
- - - WATER LINE
- - - UNDERGROUND ELEC LINE
- - - STORM LINE
- - - SANITARY LINE
- - - OVERHEAD UTIL.

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS ILLEGAL

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

Department of Transportation
U.S. CUSTOMARY STANDARD SHEET
ISSUED UNDER E.T. 21-008
CONTRACTS DO NOT EXIST.

Department of Transportation
U.S. CUSTOMARY STANDARD SHEET
ISSUED UNDER E.T. 21-008
CONTRACTS DO NOT EXIST.

EXIT DRIVEWAY - NYS DOT DETAILS
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:** AS SHOWN **DWG.** 4720A-S19 **SHEET** 2 OF 2