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Department of
Transportation and Public
Works



VOLUME II

Safe Route to Schools (SRTS) Miami Northwestern Senior High School FMs 445766-1

Miami Northwestern Senior High School
1100 NW 71st St, Miami, FL 33150

Drawings

Disadvantaged Business Enterprise Program:

Not Applicable

Community Workforce Program:

Not Applicable

DTPW Capital Improvements Engineer:

Katherine Fernandez

RPQ Issue Date:

October 2, 2026

ROADWAY IMPROVEMENTS
FOR
MIAMI NORTHWESTERN SENIOR HIGH SCHOOL
MIAMI-DADE COUNTY, FLORIDA
DTPW PROJECT NO.: 20240168, FPID NO.: 445766-1

SHEET LIST

SHEET NO.	SHEET DESCRIPTION
R-1	KEY SHEET
R-2 - R-3	GENERAL NOTES
R-4	SUMMARY OF QUANTITIES
R-5	PROJECT LAYOUT
R-6	SPECIAL DETAILS
R-7 - R-23	ROADWAY & SIGNING AND PAVEMENT MARKING PLAN
R-24	SPECIAL DETAILS
T-1 - T-4	SIGNALIZATION PLAN
T-5	ELECTRICAL POWER SERVICE DETAIL
T-6	SCHOOL ZONE SPEED LIMIT BEACON ASSEMBLY DETAILS
T-7	BEACON ASSEMBLY PEDESTAL POLE WIRING DETAILS

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

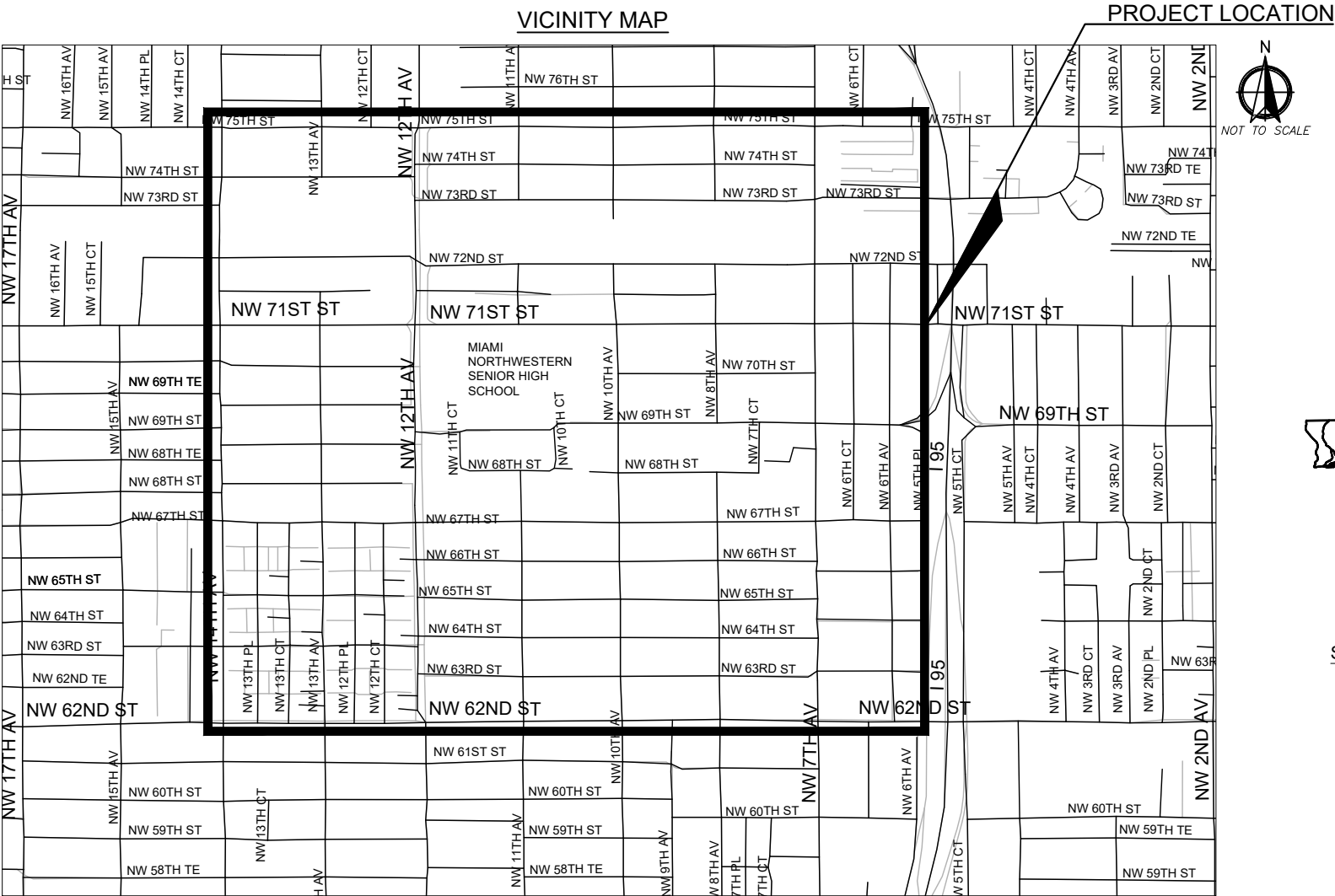
Manual on Uniform Traffic Control Devices (11th Edition)

FDOT Speed Zoning for Highways, Roads and Streets in Florida Manual

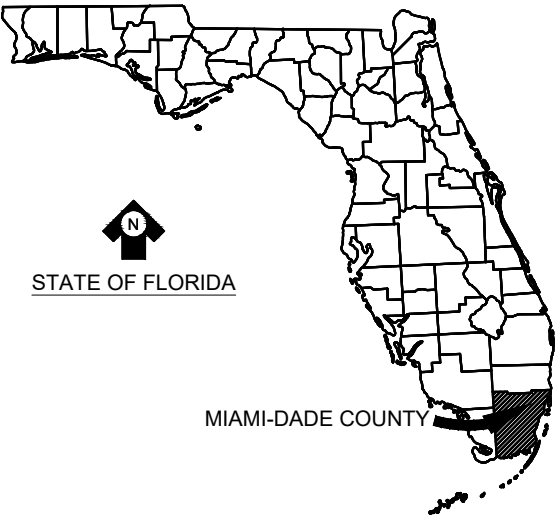
Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways "Florida Greenbook" 2023 Edition.

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.state.fl.us/programmanagement/Implemented/SpcBooks>

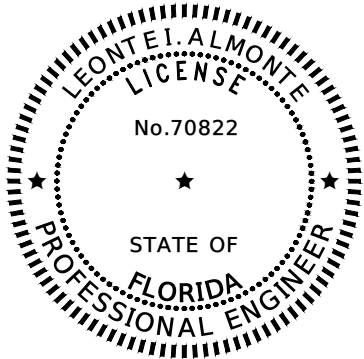


PLANS PREPARED BY:
KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
2 ALHAMBRA PLAZA, SUITE 500
CORAL GABLES, FL 33134



PREPARED FOR:
MIAMI-DADE COUNTY

PREPARED BY:
Kimley»Horn



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL
SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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SIGNALIZATION GENERAL NOTES

1.

THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON AVAILABLE INFORMATION PROVIDED BY UTILITY OWNERS AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE CONTRACTOR. THIS WORK BY THE CONTRACTOR MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
2.

THE SIGNAL MAINTAINING AGENCY IS MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC SIGNALS AND SIGNS DIVISION. UPON COMPLETION AND FINAL ACCEPTANCE, THE SIGNALS EQUIPMENT MUST BE MAINTAINED BY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS SIGNALS AND SIGNS DIVISION. THE CONTRACTOR SHALL NOTIFY THE MAINTAINING AGENCY AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY WORK TO BE CARRIED OUT AT ANY SIGNAL RELATED INSTALLATION. CONTACT SHOULD BE MADE WITH THE TRAFFIC CONTROL CENTER LOCATED AT:

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION 7100 NW 36TH STREET
MIAMI, FLORIDA 33166
PHONE # (305) 592-3580
3.

THE CONTRACTOR SHALL PERFORM AN INVENTORY OF THE EXISTING INTERSECTIONS PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES, AND SUBMIT TWO (2) COPIES OF THE INVENTORY REPORT, LISTING ALL OPERABLE AND INOPERABLE SIGNAL ITEMS TO THE ENGINEER. ALL DAMAGE ITEMS SHOULD BE CLEARLY IDENTIFIED IN THE REPORT. ALL ASSOCIATED COSTS MUST BE INCLUDED IN THE CONTRACTOR'S BID.
4.

ALL ELECTRICAL AND ELECTRONIC EQUIPMENT AND STRUCTURES SHALL COMPLY WITH THE MIAMI-DADE COUNTY QPL AND FDOT APL.
5.

ALL CONDUIT MUST BE 2 INCH MINIMUM UNLESS OTHERWISE SPECIFIED.
6.

PULL BOXES, MAST ARMS FOUNDATIONS AND CONTROLLER FOUNDATIONS MUST HAVE A MINIMUM 4" CLEARANCE FROM ALL JOINTS AND EDGE OF SIDEWALK. THERE MUST BE NO EXPANSION MATERIAL AROUND PULL BOXES, MAST ARM FOUNDATIONS AND CONTROLLER FOUNDATION PULL BOXES WITH NEW CONDUIT RUNS MUST NOT BE PLACED IN PEDESTRIAN CURB RAMPS.
7.

CONTRACTOR SHALL MAINTAIN SIGNAL CONTROL AT ALL INTERSECTIONS DURING CONSTRUCTION. CONTRACTOR TO PROVIDE TEMPORARY SIGNALIZATION INCLUDING TEMPORARY SIGNAL CONTROLLER, TEMPORARY SIGNAL POLES AND OTHER TEMPORARY SIGNAL EQUIPMENT. CONTRACTOR TO COORDINATE WITH MIAMI-DADE COUNTY PW AND OTHER AGENCIES AS NEEDED. ALL ASSOCIATED COSTS MUST BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
8.

EXISTING COMMUNICATIONS OR COMMAND WIRE CONNECTIONS MUST BE MAINTAINED AT ALL SIGNALIZED LOCATIONS DURING CONSTRUCTION. THIS MUST INCLUDE, BUT NOT BE LIMITED TO, INTERCONNECT, FIRE PRE-EMPTION AND SCHOOL ZONE FLASHERS. CONTRACTOR SHALL PROVIDE TEMPORARY LINES AND CONNECTIONS IF NECESSARY. COST OF MAINTAINING COMMUNICATION, INCLUDING TEMPORARY LINES AND CONNECTIONS MUST BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
9.

THE CONTRACTOR SHALL NOTIFY THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION DAILY, VIA E-MAIL, OF THE SIGNAL AND ELECTRICAL WORK LOCATIONS. ALL THE DAILY E-MAILS SHALL BE SENT BETWEEN 7:00AM AND 8:00AM. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
10.

THE CONTRACTOR SHALL RESPOND TO ALL TROUBLE CALL DISPATCHES AND REPORTED MALFUNCTIONS OF TRAFFIC SIGNAL WITHIN (2) HOURS. IMMEDIATELY AFTER CLEAR THE DISPATCHES WITH THE TRAFFIC CONTROL CENTER (TCC) OPERATOR OR TIMING ENGINEER AT (305) 592-3580. DURING DOWN TIME THE CONTRACTOR SHALL PROVIDE AT HIS EXPENSE TEMPORARY TRAFFIC CONTROL DEVICES, FLAGMAN PERSONNEL AND LAW ENFORCEMENT PERSONNEL AS NECESSARY TO MAINTAIN SAFE AND EFFICIENT FLOW OF TRAFFIC AT THE AFFECTED SIGNALIZED INTERSECTIONS. ALL ASSOCIATED COSTS MUST BE INCLUDED IN MAINTENANCE OF TRAFFIC COST.
11.

THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OR THE PROGRESSION OF ANY WORK SPECIFIED IN THESE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY AND PRIOR TO FURTHER WORK ACTIVITY.
12.

WHENEVER SIGNAL WORK IS BEING PERFORMED AT AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT, INSTALLING LOOPS AND RUNS, AND TURNING ON NEW SIGNALS) WHERE A LANE IS CLOSED AN OFF-DUTY LAW ENFORCEMENT OFFICER MUST DIRECT TRAFFIC. THE COST OF THE OFF-DUTY LAW ENFORCEMENT OFFICER MUST BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC AND WILL NOT BE PAID SEPARATELY.
13.

THE CONTRACTOR SHALL ADJUST CONDUITS VERTICALLY AND/OR HORIZONTALLY TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
14.

ALL ENDS OF CONDUITS IN PULL BOXES AND CABINETS MUST BE SEALED WITH ELECTRICAL PUTTY AFTER WIRING IS COMPLETE.
15.

PULL BOXES MUST BE CONCRETE. COVERS MUST BE FDOT APPROVED OF NON-METALLIC CONSTRUCTION WITH RECESSED COVER LOGO "TRAFFIC SIGNALS" REQUIRED BY MIAMI-DADE COUNTY COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION.
16.

ALL CABLE MUST BE PULLED IN THE CONDUIT WITH A CABLE GRIP DESIGNED TO PROVIDE A FIRM HOLD ON THE EXTERIOR COVERING OF THE CABLE. THE CABLE GRIP MUST BE OF SUFFICIENT SIZE TO NOT COMPROMISE THE INSULATION OF THE SIGNAL CABLE. A WINCH WITH A SLIP CLUTCH MUST BE USED TO INSURE THAT THE ALLOWABLE TENSION UNIT IS NOT EXCEEDED. AN APPROVED LUBRICANT MUST BE USED TO FACILITATE THE PULLING OF THE CABLE.
17.

ALL FIELD WIRING MUST BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT LEGIBLE, WEATHER PROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED MUST BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.

18.

PLAN DIMENSIONS AND STATIONS/OFFSETS TO POLES, CABINETS, PEDESTRIANS, AND SIGNAL HEADS ARE TO THE CENTER OF THOSE ITEMS. THE LOCATION OF ALL POLES, PEDESTRIANS, AND OTHER EQUIPMENT REQUIRING EXCAVATION MUST BE CONSIDERED APPROXIMATE DUE TO THE POTENTIAL OF CONFLICT WITH UNDERGROUND UTILITIES. ADJUSTMENTS MAY BE MADE SUBJECT TO ADVANCE APPROVAL OF THE ENGINEER.
19.

THE CONTRACTOR SHALL COORDINATE AND FIELD VERIFY LOCATION(S) OF FPL SERVICE POINT PRIOR TO INSTALLING CONDUIT, DISCONNECT SWITCH, AND PULL BOXES.
20.

THE CONTRACTOR SHALL VERIFY SIGNAL CABLE COLOR CODES WITH MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION BEFORE ORDERING.
21.

THE CONTRACTOR SHALL COORDINATE WORK SCHEDULE AND, COORDINATE TIMING AND AUTHORIZATION OF POWER SERVICE WITH MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT, TRAFFIC SIGNALS AND SIGNS DIVISION.
22.

TRAFFIC SIGNAL ACCEPTANCE TESTING PROCEDURES MUST BE IN ACCORDANCE OF THE STANDARD SPECIFICATIONS WITH THE FOLLOWING PROVISIONS:
THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN CHARGE OF THEIR READINESS TO PERFORM THE FIELD TESTS (UPON SATISFACTORY COMPLETION OF THESE TESTS, THE CONTRACTOR SHALL PROVIDE THE ENGINEER IN CHARGE WITH WRITTEN DOCUMENTATION OF THE RESULTS OF EACH OF THESE TESTS, AND MUST OBTAIN APPROVAL TO COMMENCE THE FORTY- EIGHT HOUR TEST. THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF SATISFACTORY COMPLETION OF THIS TEST TO THE ENGINEER IN CHARGE). THE CONTRACTOR'S WARRANTY PERIOD FOR THE TRAFFIC SIGNAL MUST BE AS SET FORTH IN THE MIAMI-DADE COUNTY STANDARD SPECIFICATIONS.
23.

A FINAL SIGNAL INSPECTION MUST BE SCHEDULED WITH MIAMI-DADE COUNTY PUBLIC COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, TRAFFIC SIGNALS AND SIGNS DIVISION AT (305) 592-3580.
24.

CONTRACTOR SHALL PROVIDE ONE SET OF THE COMPLETED SIGNAL INSPECTION REPORT FORM(S), CERTIFIED BY THE IMSA TRAFFIC SIGNAL INSPECTOR AT THE TIME OF THE INSPECTION FOR FINAL ACCEPTANCE.
25.

THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR ALL ITEMS USED IN THIS PROJECT. CONTRACTOR SHALL ACCOUNT FOR REVIEW TIME BY ENGINEER OF RECORD AND MIAMI-DADE COUNTY.
26.

ALL SIGNALS MUST REMAIN OPERATIONAL AT ALL TIMES.
27.

EXISTING UNDERGROUND CONDUITS TO BE RETAINED WHERE NEEDED. INSTALL NEW SIGNAL CABLE WITHIN EXISTING CONDUIT WHEN POSSIBLE AND MEET THE MAXIMUM CONDUIT FILL CAPACITY OF 40%. EXISTING CONDUITS BEFORE BEING UTILIZED SHALL HAVE A BRUSH OR SWAB PULL THROUGH TO MAKE CERTAIN THAT CONDUITS ARE FREE FROM OBSTRUCTION. THE COST OF THIS WORK SHALL BE INCLUDED IN RELATED PAY ITEM.

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1.

ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS MUST CONFORM TO THE LATEST EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS. ALL SIGN PANELS MUST BE FABRICATED TO COMPLY WITH THE LATEST EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
2.

PROPOSED STRIPING SHALL MATCH EXISTING STRIPING AT ALL LOCATIONS, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
3.

ALL SIGNS MUST BE MOUNTED ON BREAKAWAY BASES ACCORDING TO FDOT STANDARD PLANS INDEX 700-010 AND BE INSTALLED AT THE BACK OF SIDEWALK AND AT A CONSISTENT OFFSET FROM THE FACE OF CURB, IF APPLICABLE. ALL SIGNS INSTALLED ON SIDEWALK MUST COMPLY WITH ADA REQUIREMENTS.

LEGEND

- EXISTING FRONT OF SIDEWALK
- EXISTING BACK OF SIDEWALK
- EXISTING EDGE OF PAVEMENT

				Kimley»Horn © 2025 KIMLEY–HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305–673–2025 WWW.KIMLEY–HORN.COM REGISTRY 35106	KHA PROJECT 20240168 DATE JANUARY 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY KHA	MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY	LICENSED PROFESSIONAL LEONTE I. ALMONTE, P.E. P.E. LICENSE NO. 70822 DATE: 1/15/2026	GENERAL NOTES	SHEET NUMBER R-3
No.	REVISIONS	DATE	BY						

Plotted By:Gutierrez, Sorch
Sheet Set:MIAMI NORTHWESTERN SENIOR HIGH Layout:R-4 SUMMARY OF QUANTITIES March 04, 2026 02:57:05pm K:\mb_roadway\20240168_arts_miami_northwestern senior high\CADD\plansheets\R-3 SUMMARY OF QUANTITIES.dwg
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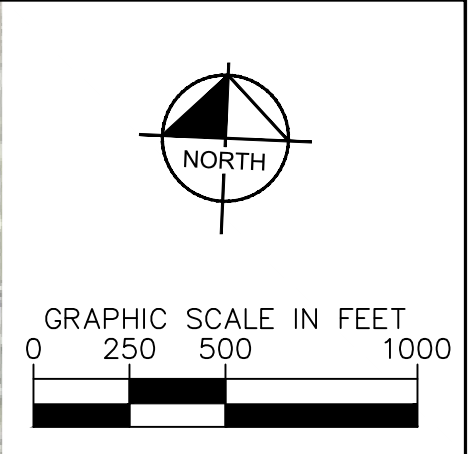
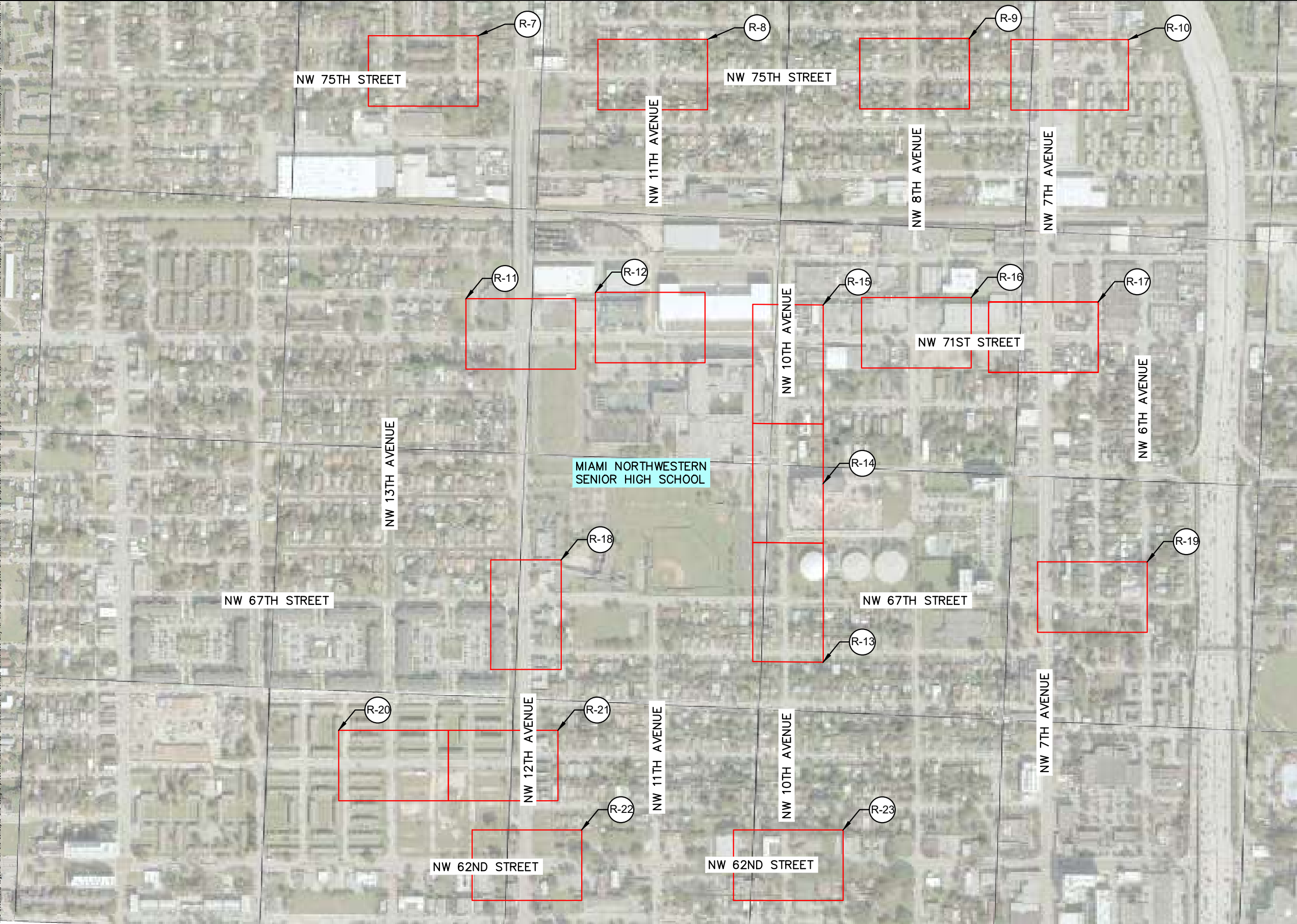
SUMMARY OF QUANTITIES			
PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-18	INLET PROTECTION SYSTEM	EA	11
107-1	LITTER REMOVAL	AC	0.75
107-2	MOWING	AC	0.5
110-1-1	CLEARING & GRUBBING	AC	0.6
110-21	TREE PROTECTION BARRIER	LF	75.0
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	821.3
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	222.8
337-7-82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	12.3
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	515.9
520-2-4	CONCRETE CURB, TYPE D	LF	49.7
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	62.2
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	851.3
527-2	DETECTABLE WARNINGS	SF	640.0
570-1-2	PERFORMANCE TURF, SOD	SY	40.6
700-1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	36
700-1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	3
700-1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	2
700-2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	2
700-3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	1
700-3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	130
710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.033
710-11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.012
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	4186.0
710-11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	54.0
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	2914.0
710-11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.660
711-11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.012
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4186.0
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	54.0
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE	LF	324.5
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	2589.5
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.033
711-16-201	THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.660
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1325.0
632-7-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2
635-2-11	PULL & SPLICE BOX, F&I, 13"x24" COVER SIZE	EA	31
635-2-30	PULL & SPLICE BOX, INSTALL	EA	4
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	4
639-1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	2
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	655.0
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	4
646-1-11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	8
646-1-60	ALUMINUM SIGNALS POLE, REMOVE	EA	1
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	4
653-1-12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	4
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	11
665-1-11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	12
665-1-60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	7
700-141-112	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, 12-20 SF OF STATIC SIGN PANELS	EA	2

PAY ITEM NOTES

630-2-12 INCLUDES COST OF CONDUIT PLACED UNDER EXISTING PAVEMENT (ROADWAY, DRIVEWAYS, OR SIDEWALK) WHETHER BY DIRECTIONAL BORE OR OPEN TRENCH.

				 © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM REGISTRY 35106	KHA PROJECT 20240168 DATE JANUARY 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY KHA	MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY	LICENSED PROFESSIONAL LEONTE I. ALMONTE, P.E. P.E. LICENSE NO. 70822	SUMMARY OF QUANTITIES	SHEET NUMBER R-4
No.	REVISIONS	DATE	BY			FL	DATE: 1/15/2026		

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: R-5 PROJECT LAYOUT January 19, 2026 09:01:28am K:\mib_roadway\20240168_arts_miami_northwestern_senior_high\CADD\plansheets\R-4 PROJECT LAYOUT.dwg
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No.	REVISIONS	DATE	BY



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PHONE: 305-673-2025
WWW.KIMLEY-HORN.COM REGISTRY 35106

KHA PROJECT
20240168
DATE
JANUARY 2026
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY KHA

MIAMI NORTHWESTERN SENIOR
HIGH SCHOOL
PREPARED FOR
MIAMI DADE COUNTY
MIAMI DADE COUNTY

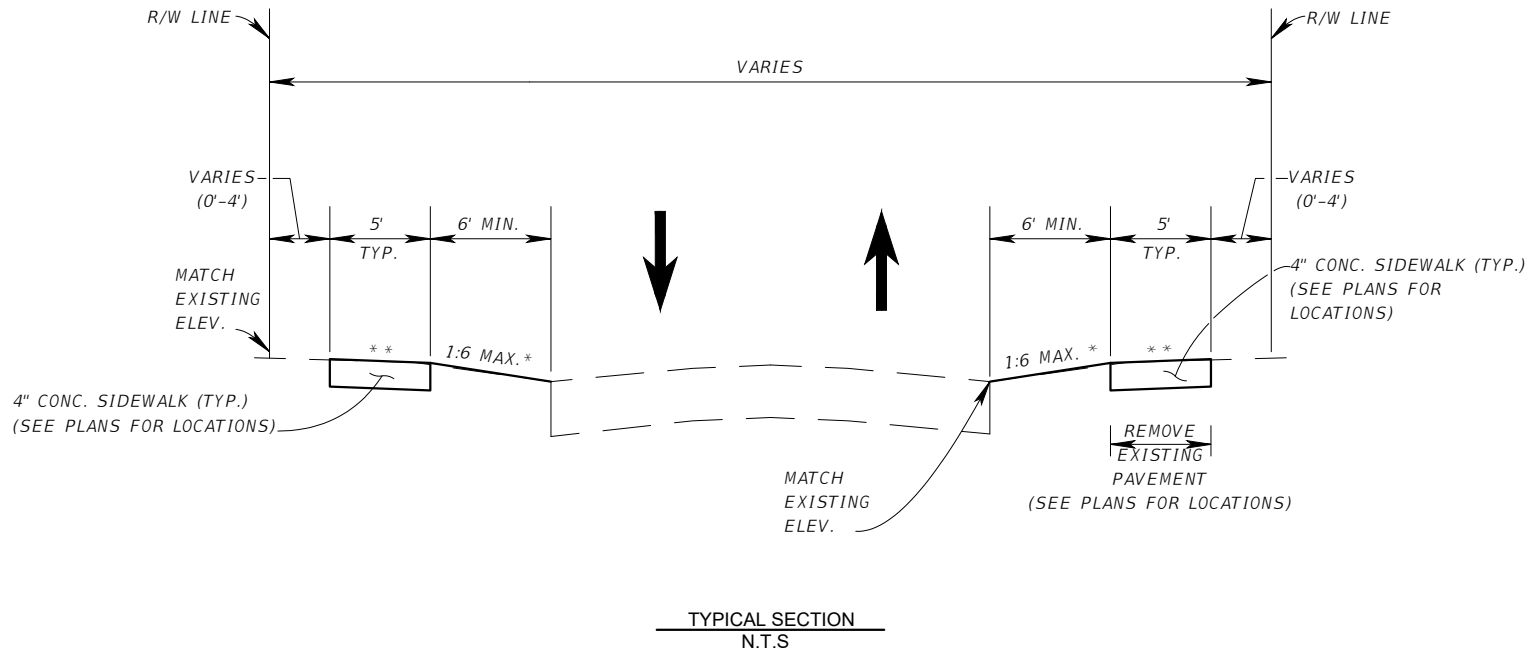
FL DATE: 1/15/2026

LICENSED PROFESSIONAL
LEONTE I. ALMONTE, P.E.
P.E. LICENSE
NO. 70822

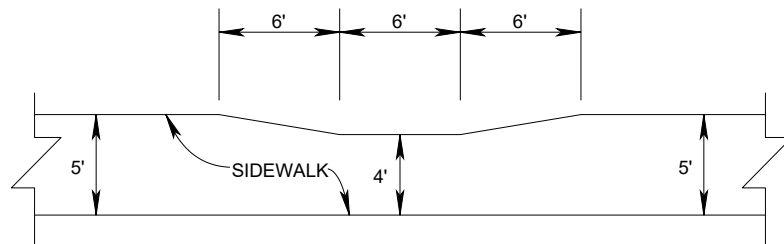
PROJECT LAYOUT

SHEET NUMBER
R-5

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: R-24 SPECIAL DETAILS January 19, 2026 09:01:57am K:\mnb_roadway\20240168_srts_miami_northwestern_senior_high\CADD\plansheets\R-24 SPECIAL DETAILS.dwg
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SLOPE/FILL AND TURF/SOD INSTALLATION TO BE PROVIDED WHEN DROP OFF EXISTS.
* TREATMENT TO BE PROVIDED PER FDOT STANDARD PLANS. SLOPE/FILL AND TURF/SOD MATERIAL TO MATCH EXISTING ADJACENT MATERIAL. COST TO BE INCLUDED IN COST OF SIDEWALK, PAY-ITEM 522-1. THIS APPLICATION APPLIES TO BOTH SIDES OF THE ROAD. FOR STEEPER SLOPES, APPROVAL FROM THE ENGINEER SHALL BE REQUIRED.
** MATCH EXISTING ELEVATION AT BACK OF SIDEWALK. SLOPE VARIES (0.3% TO 2% MAX).
NOTE: SIDEWALK SHOWN AT THE RIGHT OF WAY LINE IS FOR ILLUSTRATION PURPOSES ONLY, SEE PLANS FOR LOCATIONS.



DETAIL FOR SIDEWALK CONSTRUCTION (N.T.S.)
AT LOCATIONS WHERE SIDEWALK IS CLOSER THAN 3' FROM EXISTING TREE TRUNK, OR TO AVOID IMPACTS TO LIGHT/POWER POLES, FOUNTAINS, MAIL BOXES, OR ANY OTHER OBJECT AS APPROVED BY THE ENGINEER.

NOT ALL LOCATIONS WHERE THIS TREATMENT IS NEEDED ARE SHOWN ON THE PLANS. CONTRACTOR SHALL VERIFY THE SIDEWALK LAYOUTS SEVEN BUSINESS DAYS IN ADVANCE OF POURING CONCRETE AND NOTIFY THE ENGINEER OF ANY POSSIBLE CONFLICTS OR IMPACTS TO EXISTING FEATURES.

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KHA PROJECT	20240168
DATE	JANUARY 2026
SCALE	AS SHOWN
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DRAWN BY	KHA
CHECKED BY	KHA

**MIAMI NORTHWESTERN SENIOR
HIGH SCHOOL**

PREPARED FOR
MIAMI DADE COUNTY

MIAMI DADE COUNTY

LICENSED PROFESSIONAL
LEONTE I. ALMONTE, P.E.

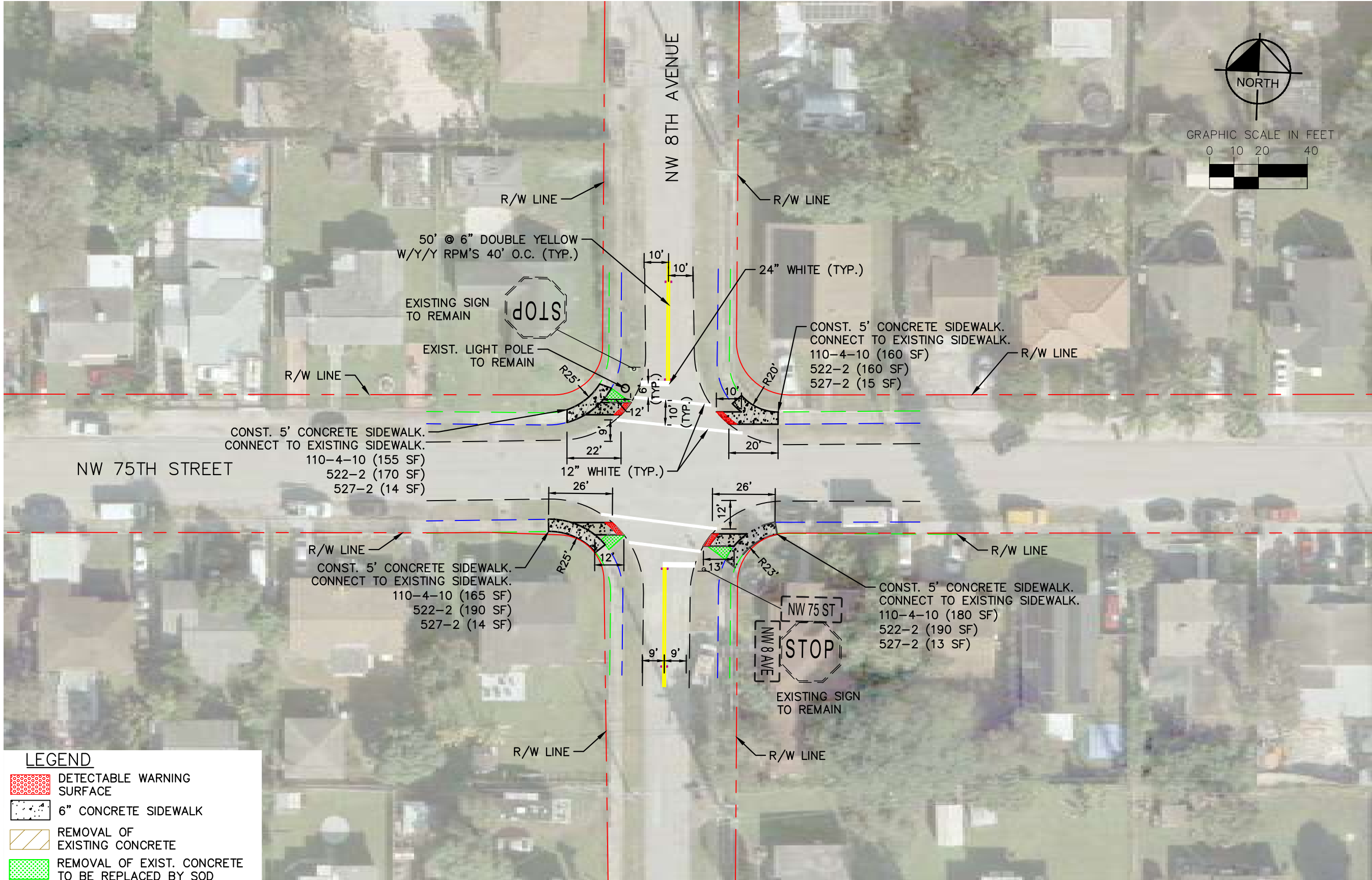
P.E. LICENSE
NO. 70822

FL DATE: 1/15/2026

SPECIAL DETAILS

SHEET NUMBER
R-6

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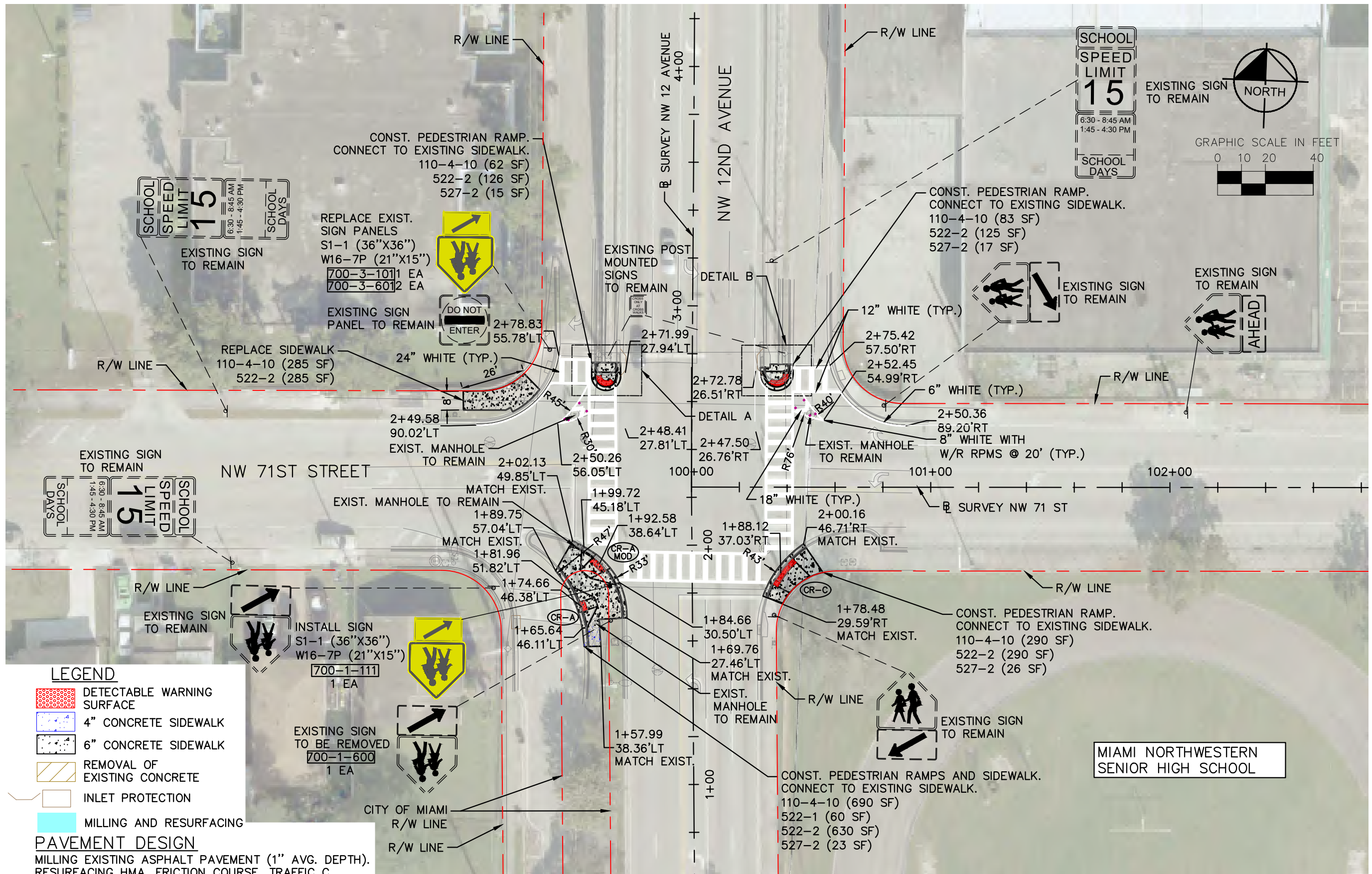
LEGEND

- DETECTABLE WARNING SURFACE
- 6" CONCRETE SIDEWALK
- REMOVAL OF EXISTING CONCRETE
- REMOVAL OF EXIST. CONCRETE TO BE REPLACED BY SOD

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Plotted By: Gutierrez, Sorah
Sheet: S-11 MIAMI NORTHWESTERN SENIOR HIGH
Layout: R-11 ROADWAY & SIGNING AND PAVEMENT MARKING PLAN
March 04, 2026 02:54:50pm
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LEGEND

- DETECTABLE WARNING SURFACE
- 4" CONCRETE SIDEWALK
- 6" CONCRETE SIDEWALK
- REMOVAL OF EXISTING CONCRETE
- INLET PROTECTION
- MILLING AND RESURFACING

PAVEMENT DESIGN
MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH).
RESURFACING HMA, FRICTION COURSE, TRAFFIC C, FC-9.5 (1").

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MIAMI DADE COUNTY

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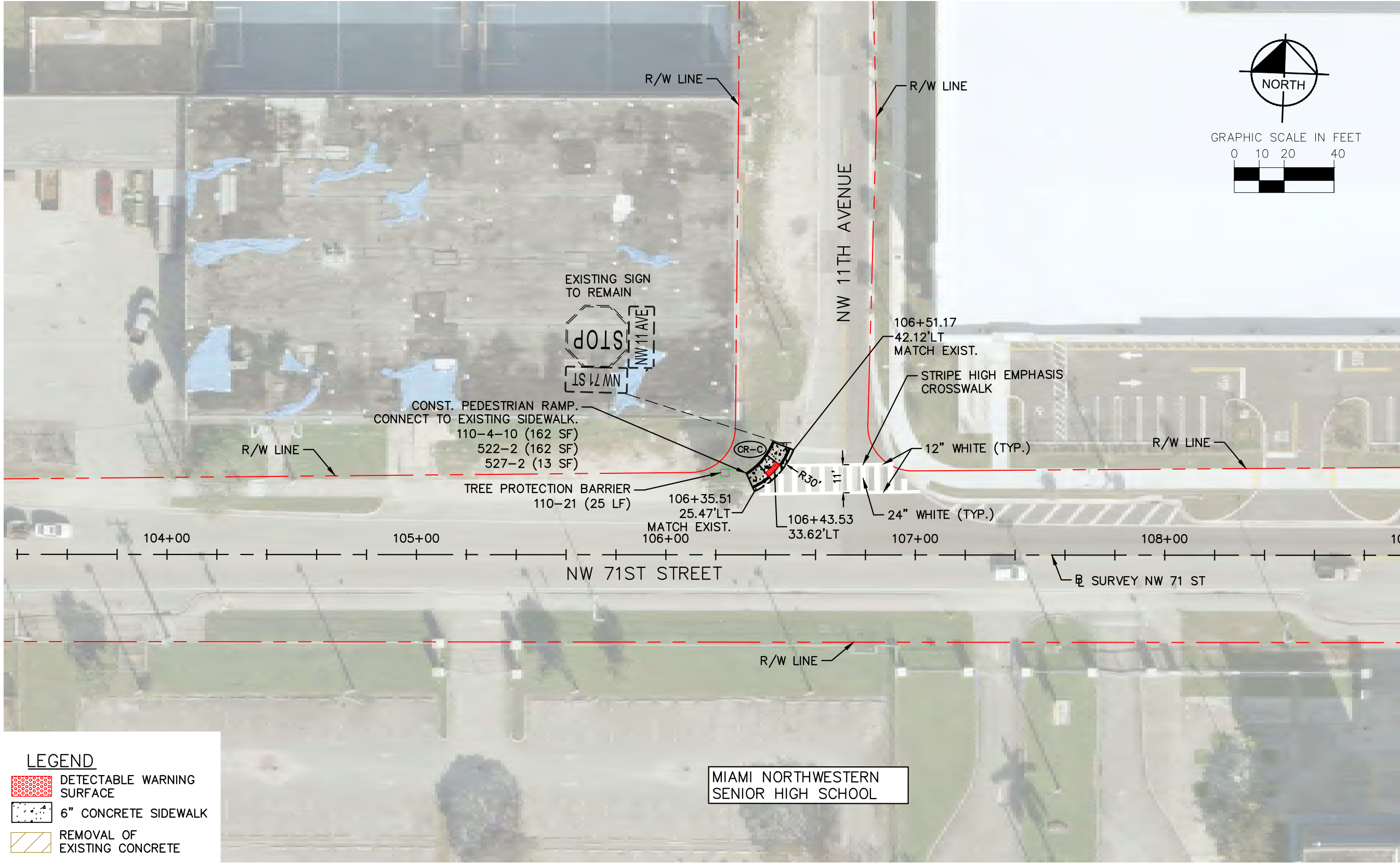
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ROADWAY & SIGNING AND PAVEMENT MARKING PLAN

SHEET NUMBER

R-11

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LEGEND

DETECTABLE WARNING SURFACE

6" CONCRETE SIDEWALK

REMOVAL OF EXISTING CONCRETE

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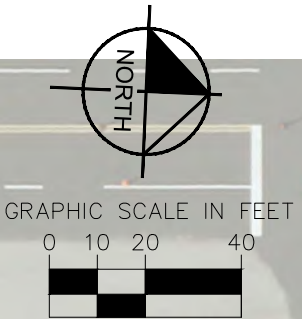
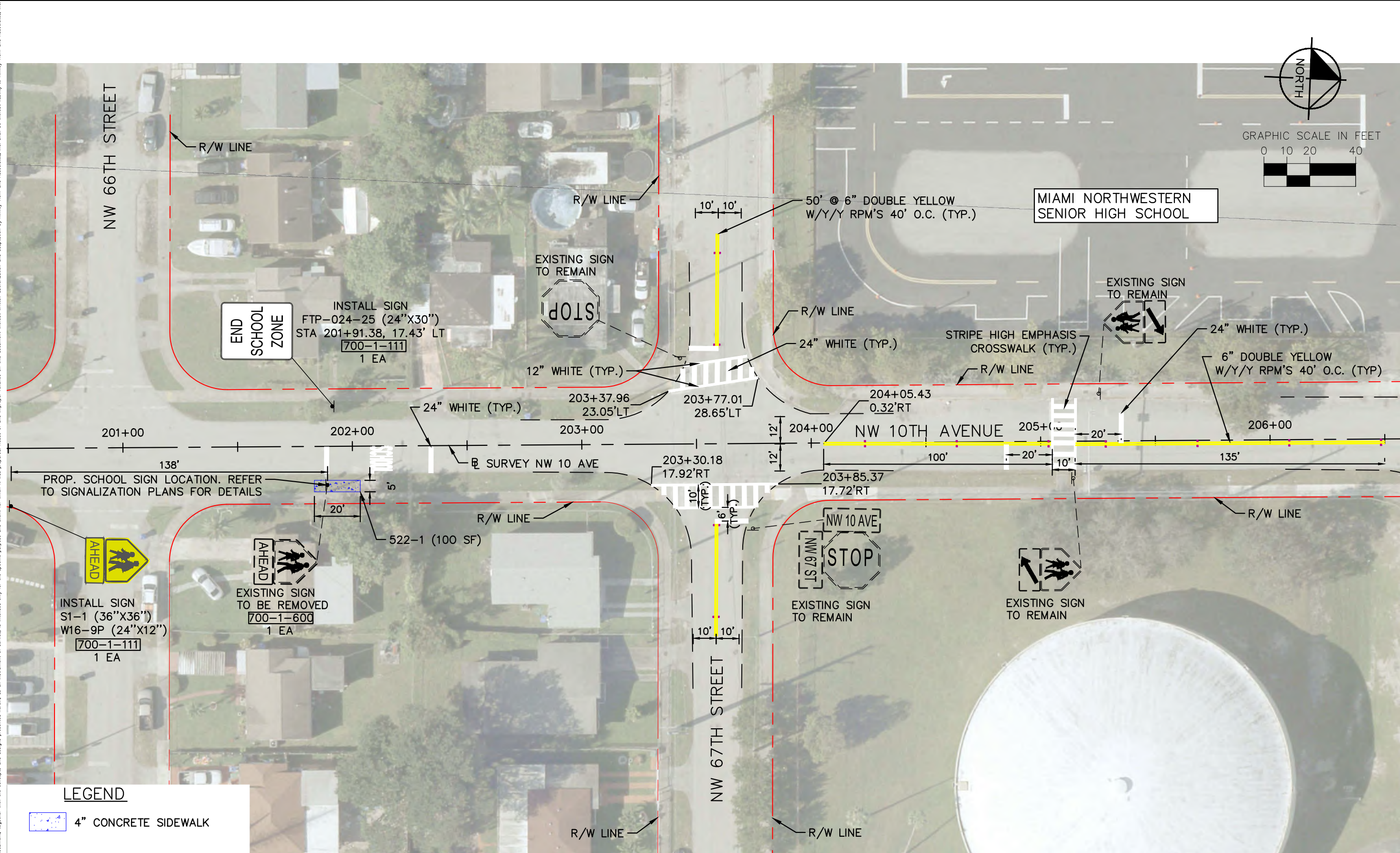
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SHEET NUMBER
R-12

Plotted By: Perez, Yisel
Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: R-13 ROADWAY & SIGNING AND PAVEMENT MARKING PLAN January 19, 2026 09:05:30am K:\mib_roadway\20240168_arts_miami_northwestern_senior_high\CADD\plansheets\R-6 ROADWAY.dwg
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MATCH LINE SHEET R-14

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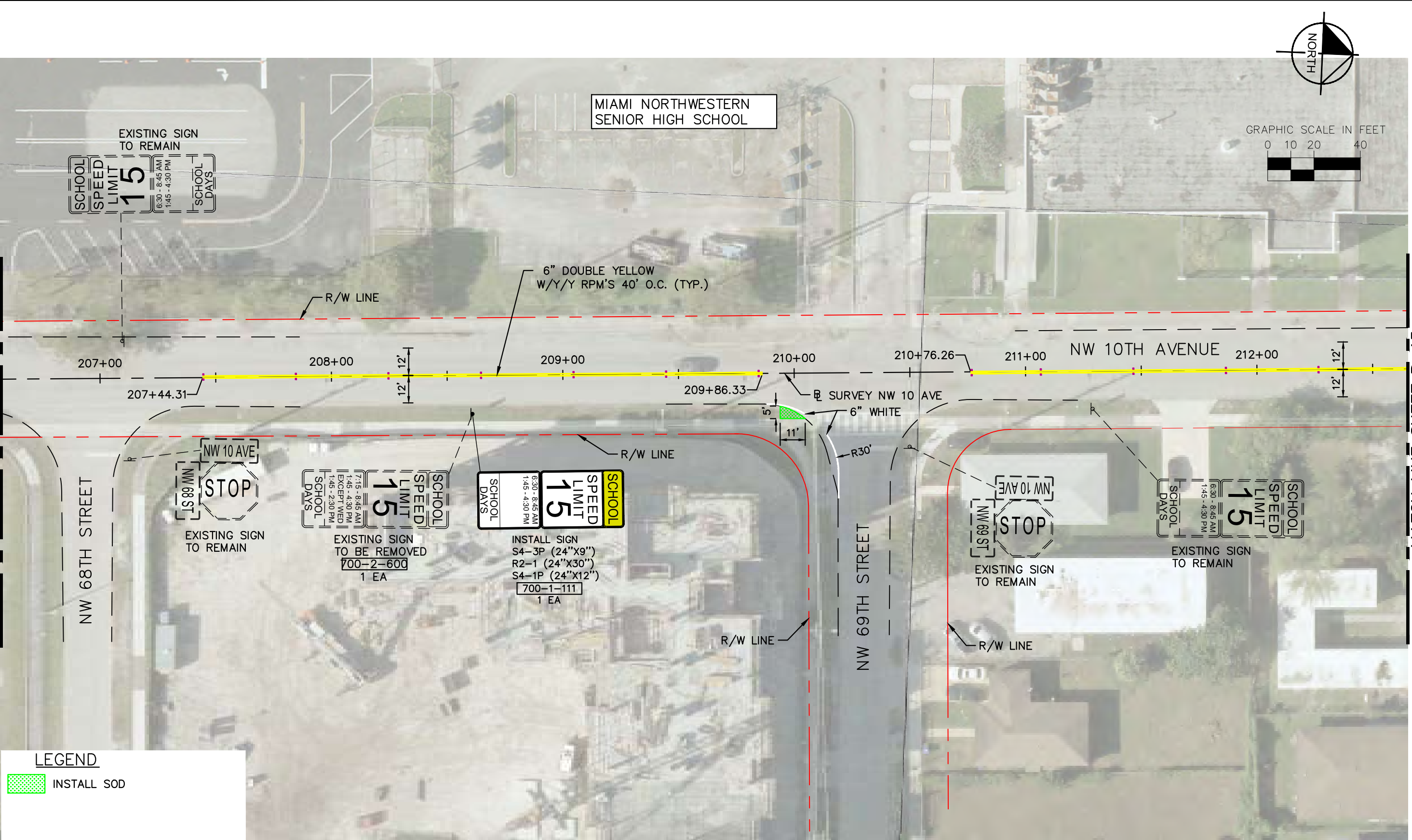
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SHEET NUMBER
R-13

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MATCH LINE SHEET R-15

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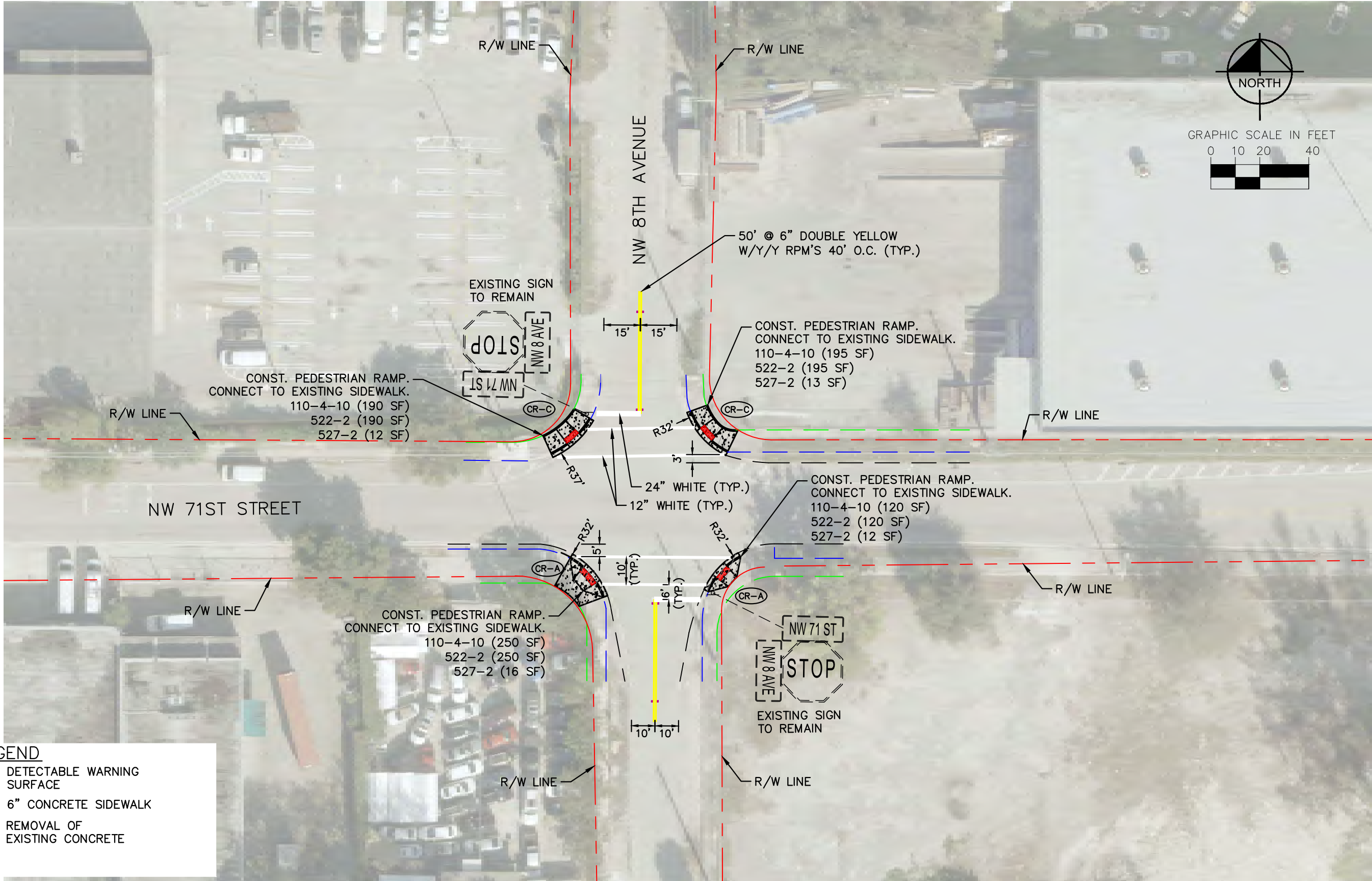
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R-14

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SHEET NUMBER
R-16

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: R-17 ROADWAY & SIGNING AND PAVEMENT MARKING PLAN January 19, 2026 09:06:05am K:\mib_roadway\20240168_arts_miami_northwestern_senior_high\CADD\plansheets\R-6 ROADWAY.dwg
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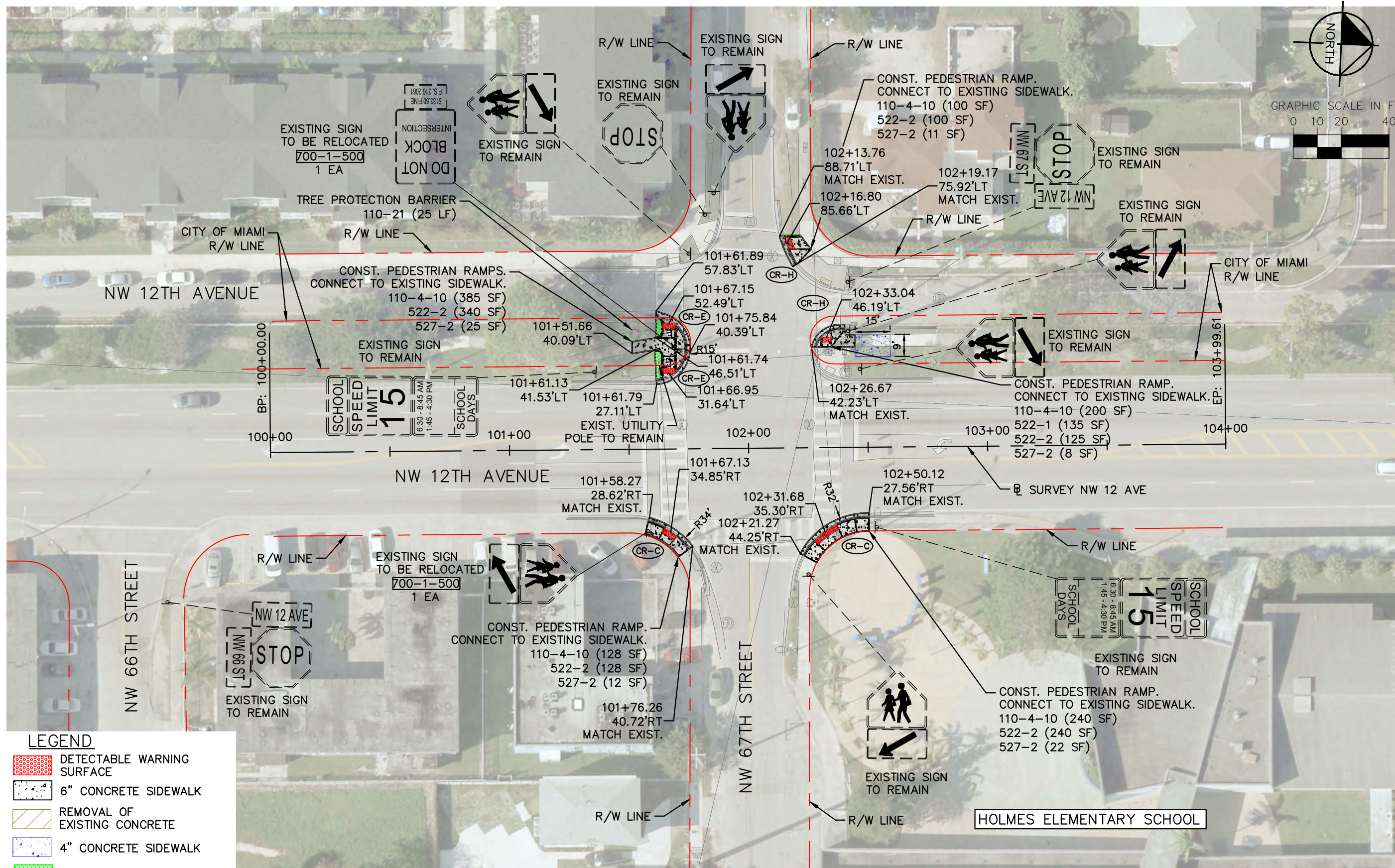
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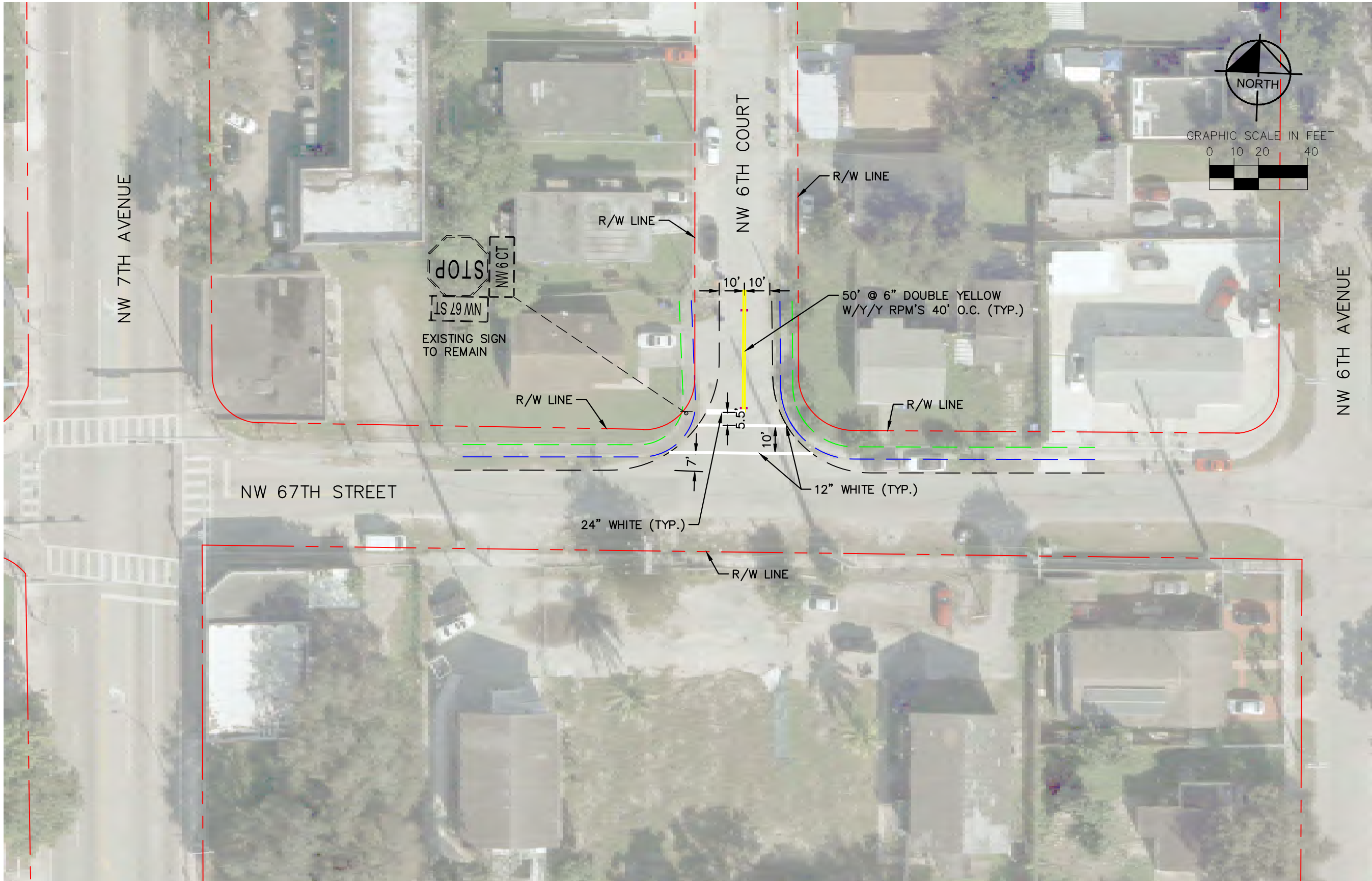
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R-18

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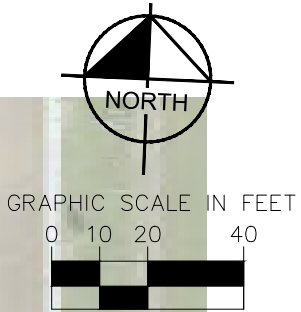
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R-19



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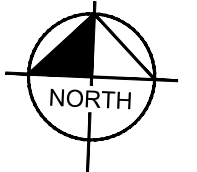
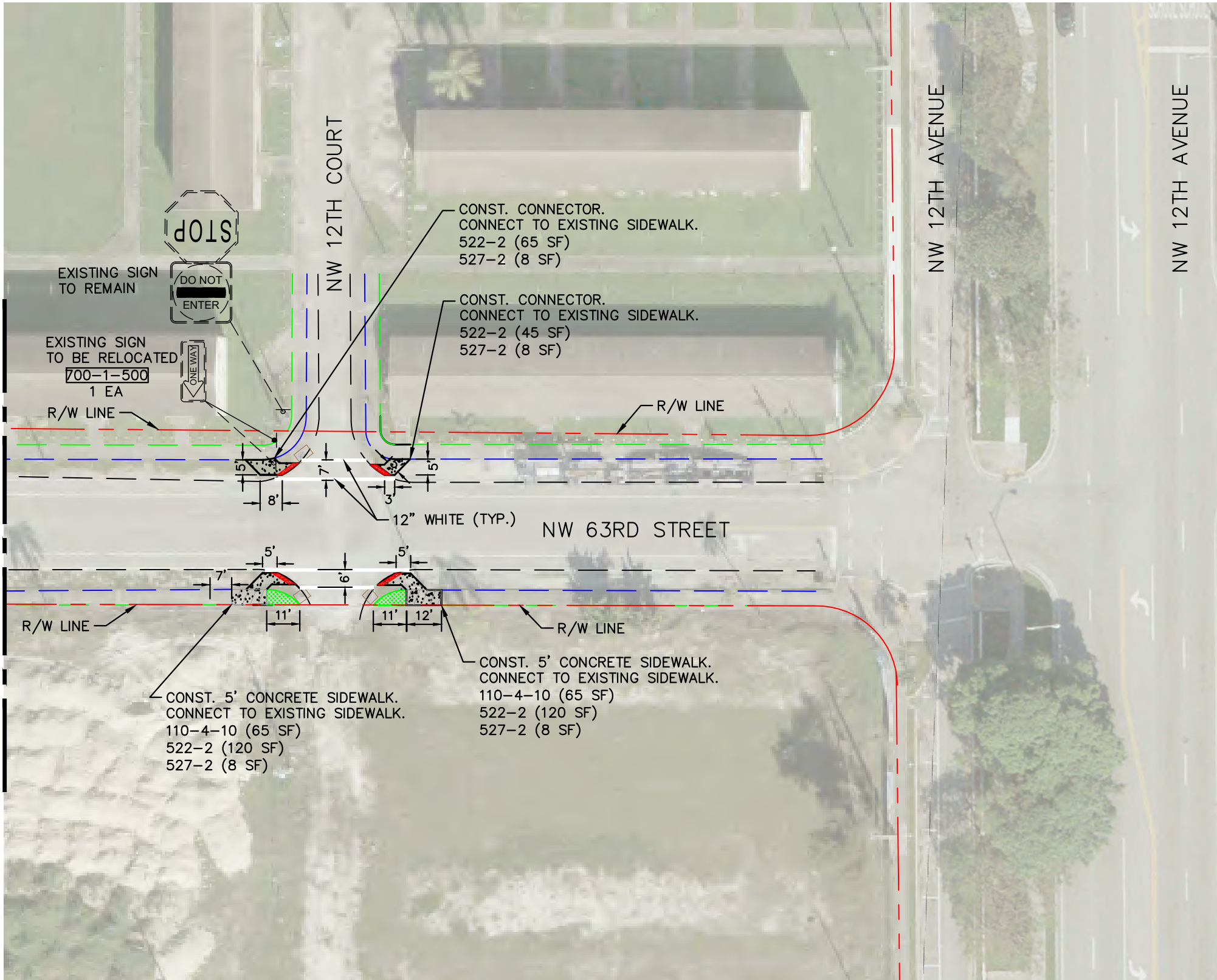
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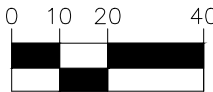
LEGEND

-  DETECTABLE WARNING SURFACE
-  6" CONCRETE SIDEWALK
-  REMOVAL OF EXISTING CONCRETE
-  REMOVAL OF EXIST. CONCRETE TO BE REPLACED BY SOD
-  INLET PROTECTION

MATCH LINE SHEET R-20



GRAPHIC SCALE IN FEET



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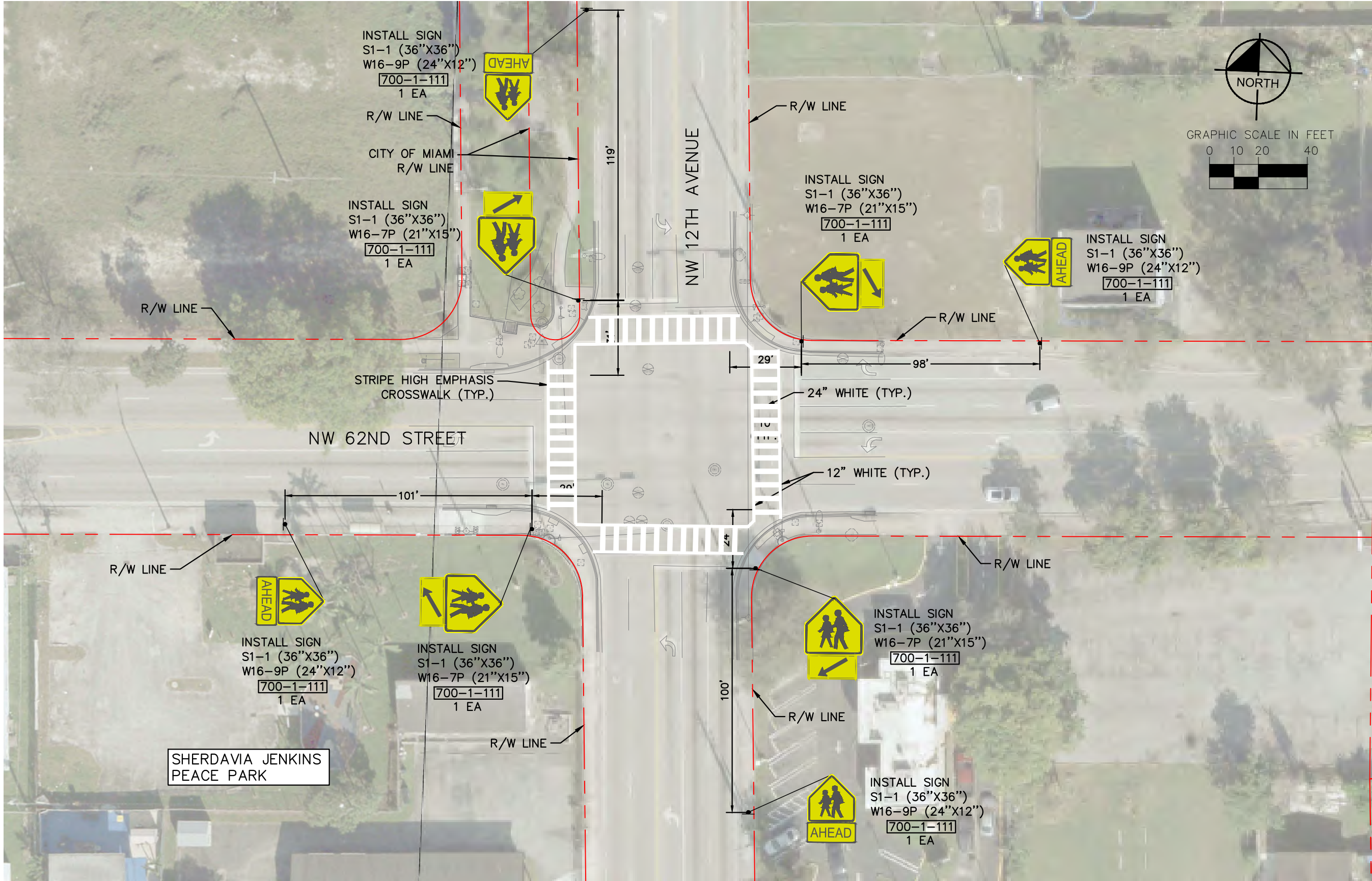
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ROADWAY & SIGNING AND
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SHEET NUMBER
R-21

Plotted By: Perez, Yisel
Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH - Layout: R-22 ROADWAY & SIGNING AND PAVEMENT MARKING PLAN - January 19, 2026 - 09:32:46am - K:\MIB_Roadway\20240168_SRTS_Miami_Northwestern_Senior_High\CADD\PlanSheets\R-6_ROADWAY.dwg
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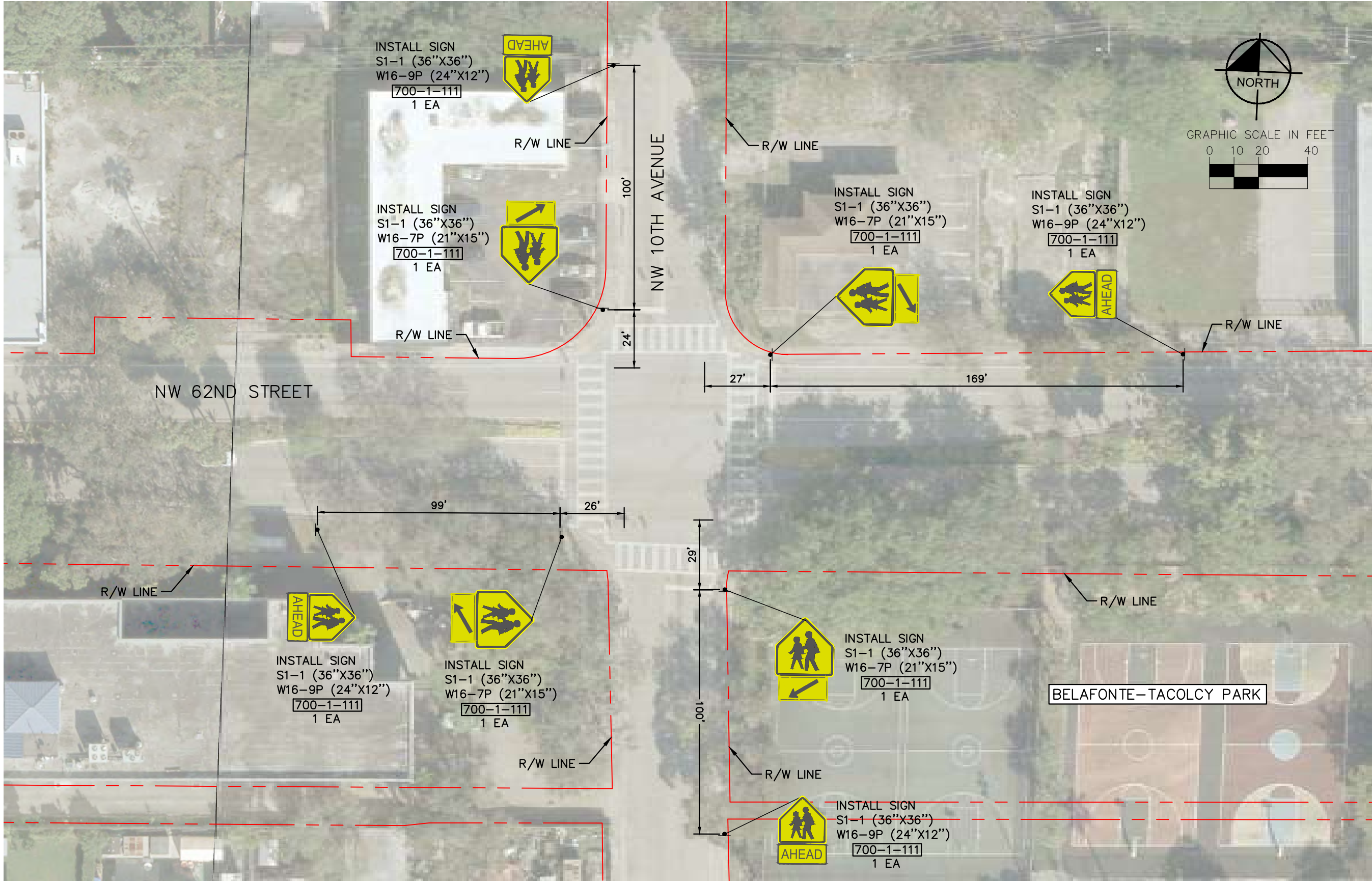
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**ROADWAY & SIGNING AND
PAVEMENT MARKING PLAN**

SHEET NUMBER

R-22

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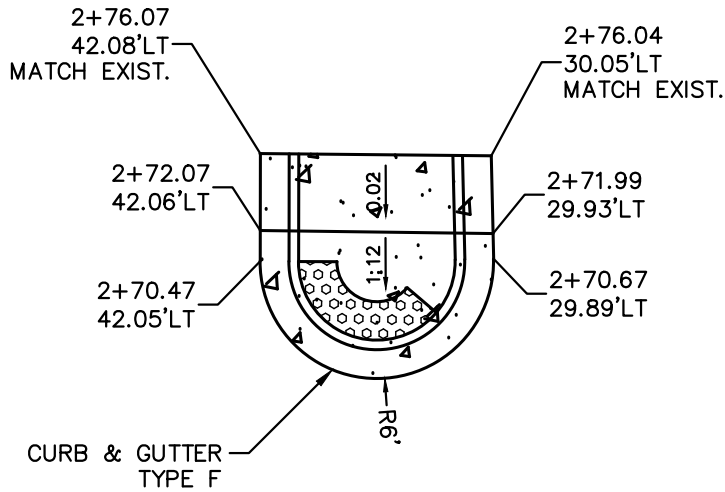
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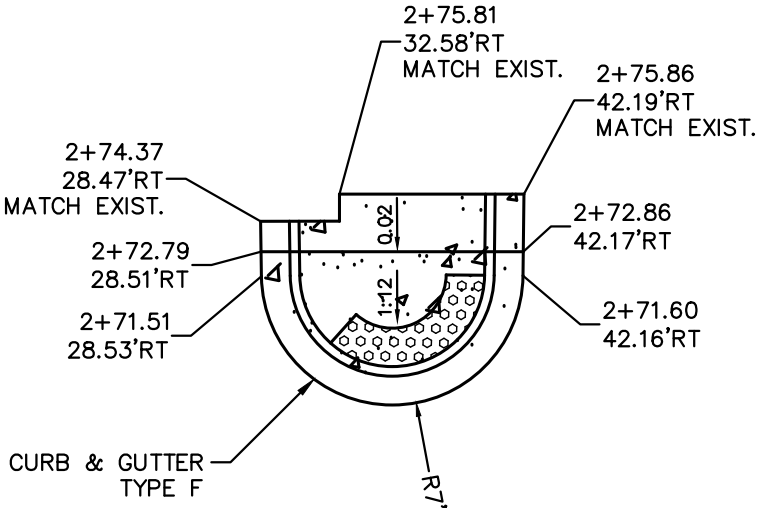
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DETAIL A (N.T.S)



DETAIL B (N.T.S)



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LICENSED PROFESSIONAL

LEONTE I. ALMONTE, P.E.

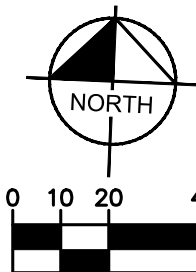
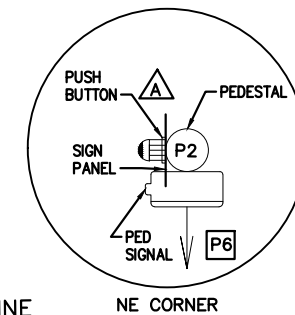
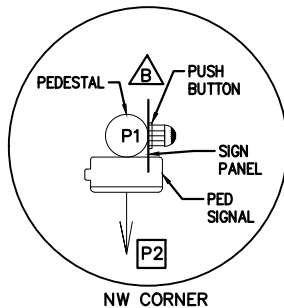
P.E. LICENSE
NO. 70822

SPECIAL DETAILS

SHEET NUMBER

R-24

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: T-1 SIGNALIZATION PLAN January 19, 2026 09:08:12am K:\mib_roadway\20240168_srtl_miami_northwestern_senior_high\CADD\plansheets\T-1 SIGNAL.dwg



A

START CROSSING
Wait for
Vehicles

DON'T START
Finish Crossing
if Started

TIME REMAINING
To Finish Crossing

DON'T CROSS

PUSH BUTTON
TO CROSS

**R10-3E
(9"x15")
4 EA**

B

START CROSSING
Wait for
Vehicles

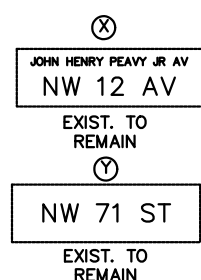
DON'T START
Finish Crossing
if Started

TIME REMAINING
To Finish Crossing

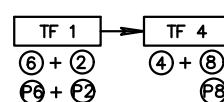
DON'T CROSS

PUSH BUTTON
TO CROSS

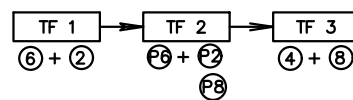
**R10-3E
(9"x15")
2 EA**



The diagram illustrates the two phases of the proposed algorithm. Phase 1 shows a network with nodes P2, P6, and P8. Phase 4 shows the network with nodes 4, 8, and P8. An arrow indicates the transition from Phase 1 to Phase 4.



PHASE 1 PHASE 2 PHASE 3



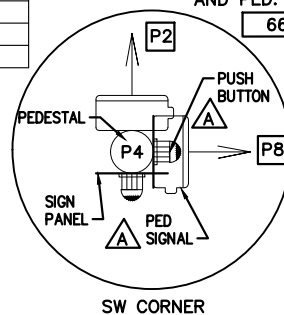
DETECTORS FOR LOOPS		
LOOP	NO. OF NEW DETS.	NO. OF EXIST DETS.
L3A		1
L4A		1
L7A		1
L8A		1

EXCLUSIVE PEDESTRIAN OPERATING MINIMUM TIMING	
PED. CROSSING DISTANCE	78
PEDESTRIAN WALK	10
PEDESTRIAN CLEARANCE	26

1. MAJOR STREET: NW 12ND AVE
MINOR STREET: NW 71ST ST
2. FLASHING OPERATIONS:
YELLOW: NW 12ND AVE (MOVEMENTS 2 AND 6)
RED: NW 71ST ST (MOVEMENTS 4 AND 8)
3. COORDINATION PHASE: PHASE 1
4. RECALL: PHASE 1, ACTUATED: P2 AND P6
5. PED SIGNAL: UPON ACTUATION ONLY
6. DUAL PEDESTRIAN MODE OPERATIONS. SOP 2 (EXCLUSIVE PED)
TO RUN DURING ARRIVAL AND DISMISSAL SCHOOL HOURS
7. EXIST. CONTROLLER CABINET MD-552X AND CONTROLLER
MODEL 170 TO REMAIN

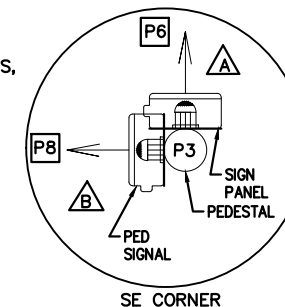
 PROPOSED PEDESTRIAN MOVEMENTS

 PROPOSED SIGNAL PULL BOX



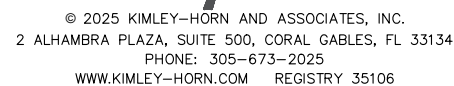
R/W LINE —

CITY OF MIAMI R/W LINE



NW 12ND AVE/FRONTAGE ROAD AND NW 71ST ST
ASSET ID: 3519

No.	REVISIONS	DATE	BY



KHA PROJECT 20240168
DATE JANUARY 2026
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY KHA

MIAMI NORTHWESTERN SENIOR
HIGH SCHOOL
PREPARED FOR
MIAMI DADE COUNTY

LICENSED PROFESSIONAL

LEONTE I. ALMONTE, P.E.

P.E. LICENSE
NO. 70822

DATE: 1/15/2026

SIGNALIZATION PLAN

SHEET NUMBER

T-1

Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: T-2 SIGNALIZATION PLAN January 19, 2026 09:08:13am K: \\mlb_roadway\20240168_srts_miami_northwestern senior high\CADD\plansheets\T-1 SIGNAL.dwg

CONTROLLER TIMING REFERENCE TABLE ASSET ID 4780

EXCLUSIVE PEDESTRIAN	OPERATING MINIMUM	TIMING
CROSSING DISTANCE	68	
PEDESTRIAN WALK	10	
PEDESTRIAN CLEARANCE	23	

1. MAJOR STREET: NW 12ND AVE
MINOR STREET: NW 67TH ST

2. FLASHING OPERATIONS:
YELLOW: NW 12ND AVE (MOVEMENTS 2 AND 6)
RED: NW 67TH ST (MOVEMENTS 4 AND 8)

3. COORDINATION PHASE: PHASE 1

4. RECALL: PHASE 2 AND 6, ACTUATED:P6

5. PED SIGNAL: UPON ACTUATION ONLY

6. DUAL PEDESTRIAN MODE OPERATIONS. SOP 2 (EXCLUSIVE PED)
TO RUN DURING ARRIVAL AND DISMISSAL SCHOOL HOURS

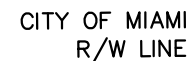
7. EXIST. CONTROLLER CABINET MD-552A AND CONTROLLER
MODEL 170 TO REMAIN

LEGEND:

	PRC
	PRC

 PROPOSED PEDESTRIAN MOVEMENTS

 PROPOSED SIGNAL PULL BOX



(P1) PROP. PED. POLE _____
 RECONNECT TO EXIST. CONDUIT
 STA. 102+40.61 35.17' LT

EXISTING SERVICE
DISCONNECT
TO BE REMOVED
639-1-620 1 AS

[110 LF] [1 RUN] (ELECTRIC)
630-2-12

EXISTING FPL SERVICE PO
635-2-30 1 EA

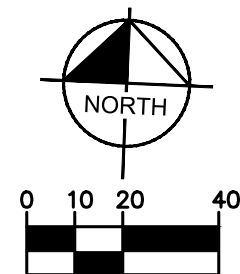
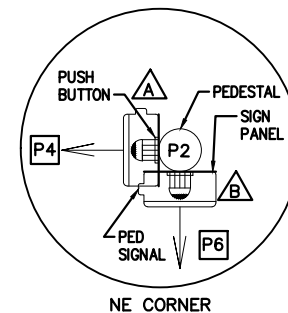
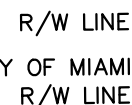
646-1-60 1 EA

PROP. PED. POLE _____
 STA. 101+64.71, 41.03' LT

630-2-12	20 LF
635-2-11	1 EA
646-1-11	1 EA
665-1-11	1 EA

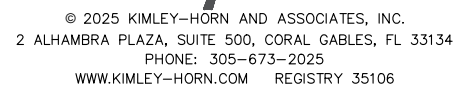
EXIST. STRAIN POLE AND COUNT-DOWN
HEAD TO REMAIN. PED. DETECTOR AND
PED. SIGN TO BE REMOVED.

665-1-60	1 EA
----------	------



NW 12ND AVE/FRONTAGE ROAD AND NW 67TH ST
ASSET ID: 4780

No.	REVISIONS	DATE	BY



KHA PROJECT 20240168
DATE JANUARY 2026
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY KHA

LICENSED PROFESSIONAL

LEONTE I. ALMONTE, P.E.

P.E. LICENSE
NO. 70822

DATE: 1/15/2026

SIGNALIZATION PLAN

SHEET NUMBER

T-2

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: T-3 SIGNALIZATION PLAN January 19, 2026 09:50:13am K:\mib_roadway\20240168_srs_miami_northwestern_senior_high\CADD\plansheets\T-3 SIGNAL.dwg
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SIGN DETAILS

Ⓐ

SCHOOL

SPEED LIMIT

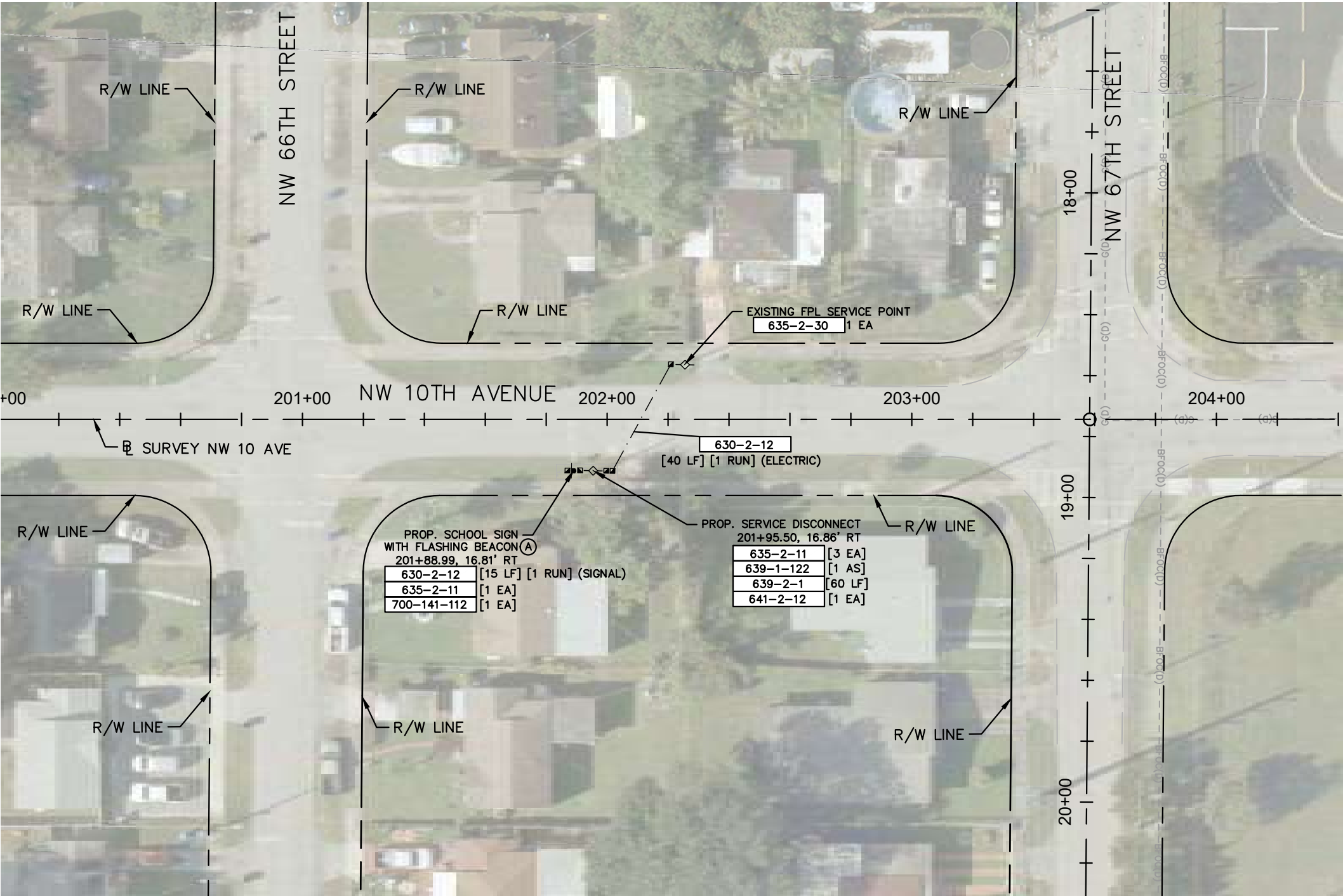
15

WHEN FLASHING

SPEEDING FINES DOUBLED

S5-1
(24"x48")

FTP 38-22
(24"x30")



NW 10TH AVE BETWEEN 66TH STREET AND NW 67TH ST
ASSET ID: 8524

				Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM REGISTRY 35106 KHA PROJECT 20240168 DATE JANUARY 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY KHA MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY FL	LICENSED PROFESSIONAL LEONTE I. ALMONTE, P.E. P.E. LICENSE NO. 70822 DATE: 1/15/2026	SIGNALIZATION PLAN	SHEET NUMBER T-3
No.	REVISIONS	DATE	BY				

Plotted By: Perez, Yisel Sheet Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: T-4 SIGNALIZATION PLAN January 19, 2026 09:50:19am K:\mib_roadway\20240168_srs_miami_northwestern_senior_high\CADD\plansheets\T-1 SIGNAL.dwg
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SIGN DETAILS

Ⓐ

SCHOOL

SPEED LIMIT

15

WHEN FLASHING

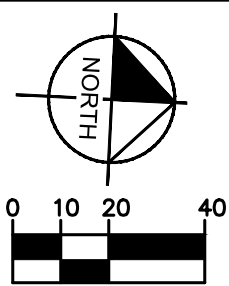
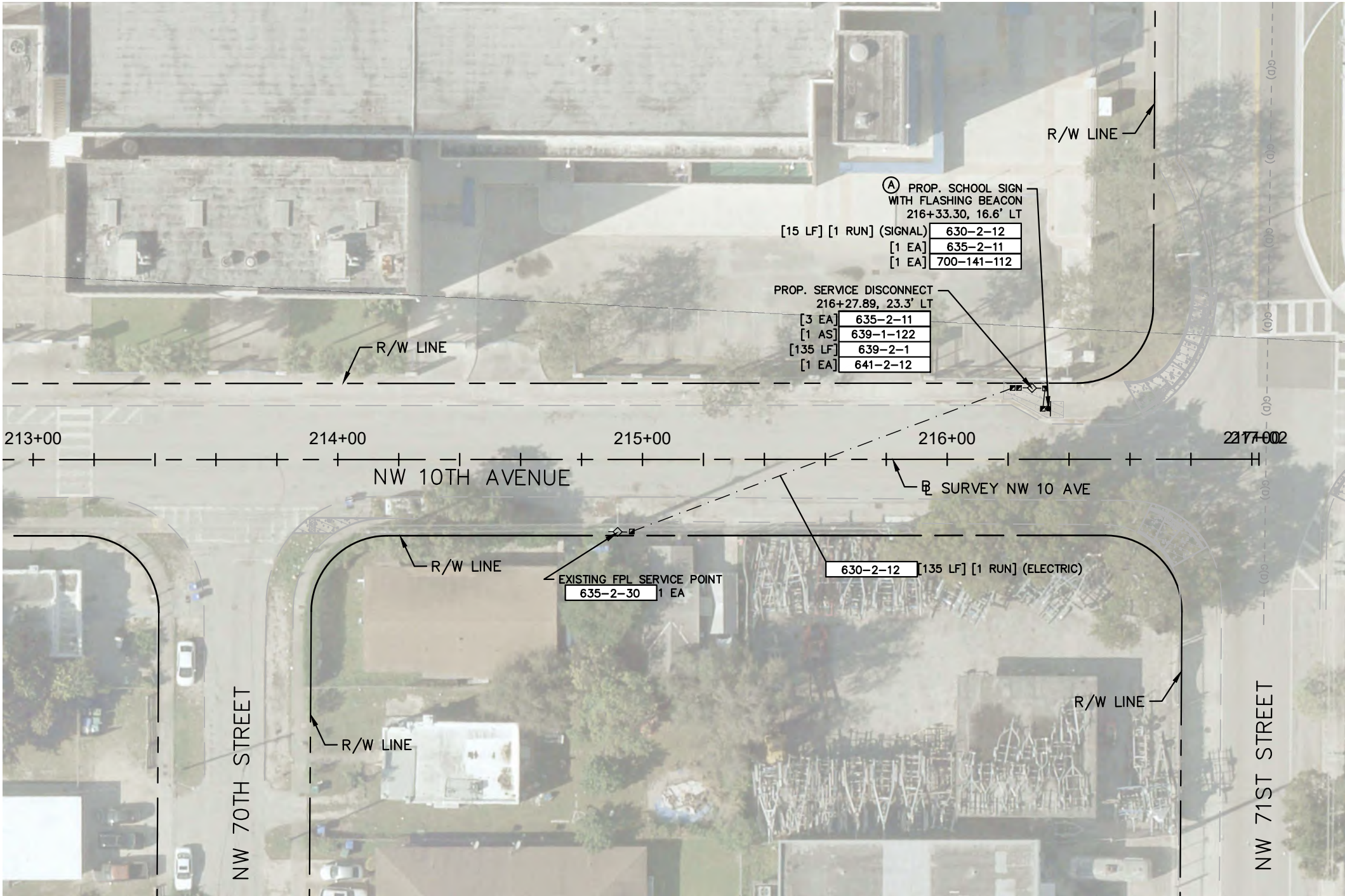
S5-1
(24"X48")

SPEEDING

FINES

DOUBLED

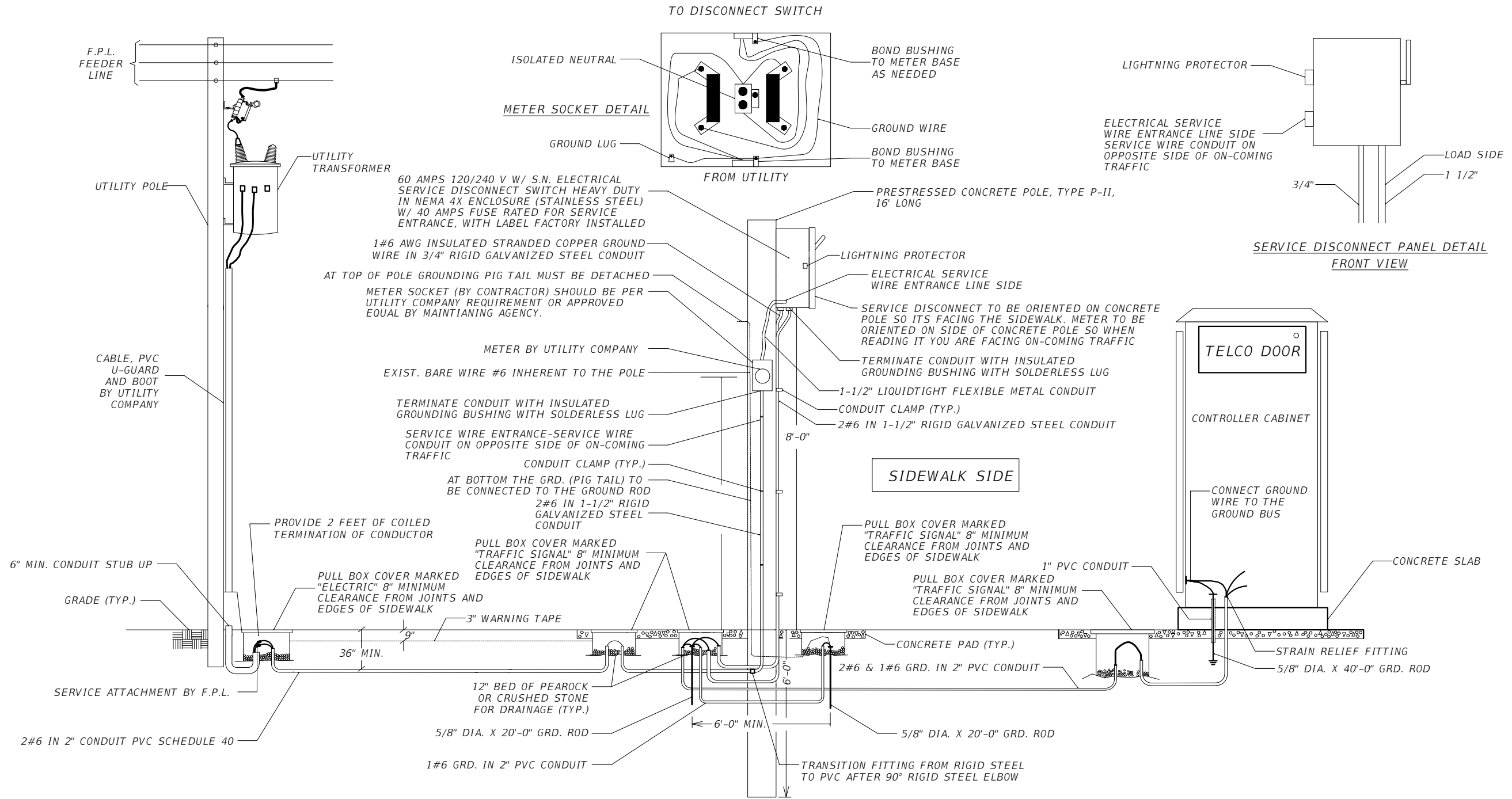
FTP 38-22
(24"X30")



NW 10TH AVE BETWEEN 70TH STREET AND NW 71ST ST
ASSET ID: 8525

Sheets Plotted By: Perez, Yisel					Kimley»Horn © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM REGISTRY 35106 KHA PROJECT 20240168 DATE JANUARY 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY KHA MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY FL	LICENSED PROFESSIONAL LEONTE I. ALMONTE, P.E. P.E. LICENSE NO. 70822 DATE: 1/15/2026	SIGNALIZATION PLAN	SHEET NUMBER T-4
No.	REVISIONS	DATE	BY					

Plot: By: Perez, Yisel Sheet: Set: MIAMI NORTHWESTERN SENIOR HIGH Layout: T-5 ELECTRICAL POWER SERVICE DETAIL January 19, 2026 09:08:30am K:\mib_roadway\20240168_arts_miami_northwestern_senior_high\CADD\plansheets\T-5 SERVICE DISCONNECT DETAIL.dwg
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SERVICE POINT DETAIL
N.T.S

No.	REVISIONS	DATE	BY



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2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134
PHONE: 305-673-2025
WWW.KIMLEY-HORN.COM REGISTRY 35106

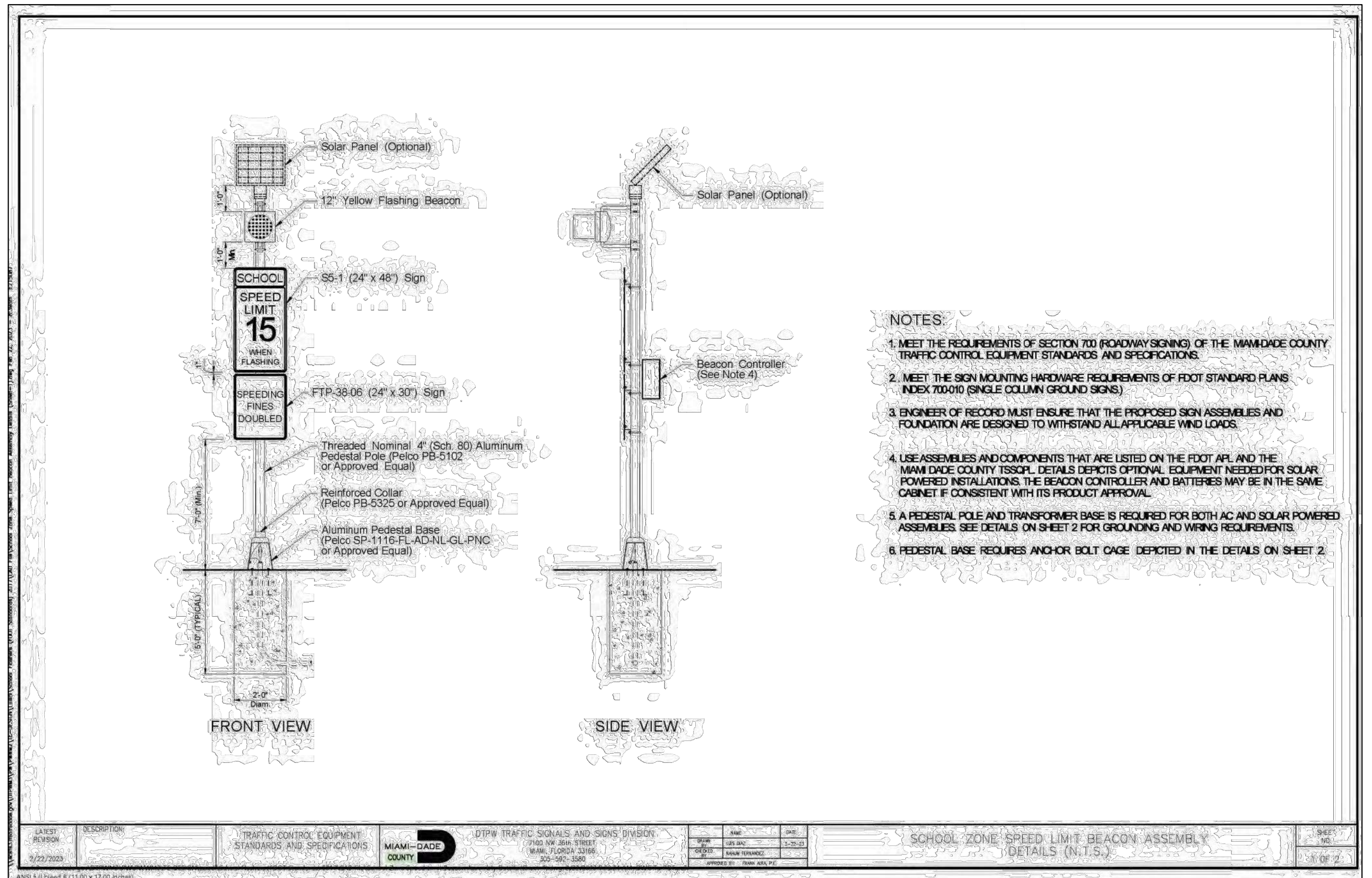
KHA PROJECT 20240168	MIAMI NORTHWESTERN SENIOR HIGH SCHOOL
DATE JANUARY 2026	PREPARED FOR MIAMI DADE COUNTY
SCALE AS SHOWN	MIAMI DADE COUNTY
DESIGNED BY KHA	
DRAWN BY KHA	
CHECKED BY KHA	

MIAMI NORTHWESTERN SENIOR
HIGH SCHOOL
PREPARED FOR
MIAMI DADE COUNTY
MIAMI DADE COUNTY

LICENSED PROFESSIONAL
LEONTE I. ALMONTE, P.E.
P.E. LICENSE
NO. 70822
FL DATE: 1/15/2026

**ELECTRICAL POWER SERVICE
DETAIL**

SHEET NUMBER
T-5

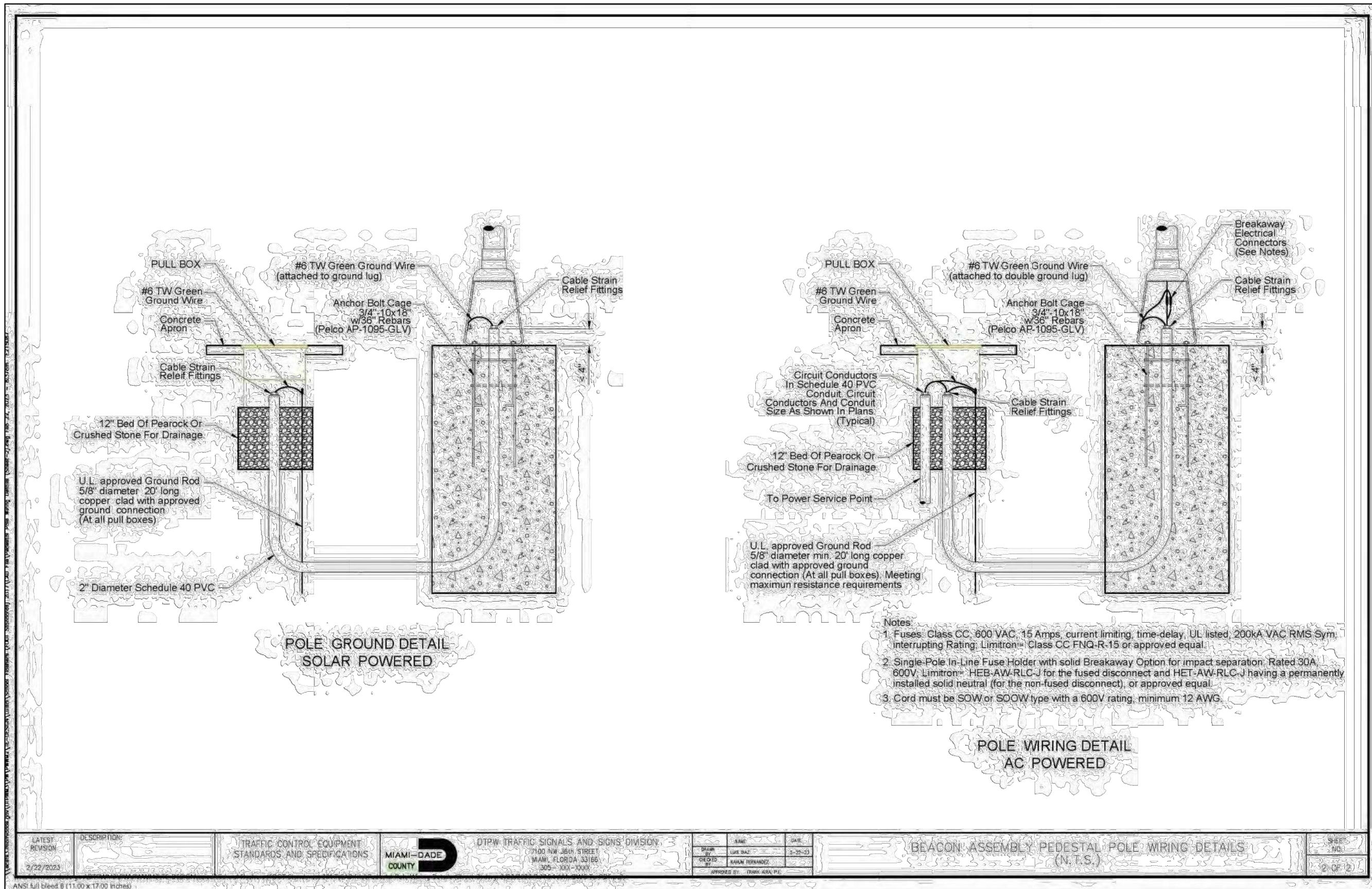


LATEST REVISION	DESCRIPTION	TRAFFIC CONTROL EQUIPMENT STANDARDS AND SPECIFICATIONS	 MIAMI-DADE COUNTY	DTPW TRAFFIC SIGNALS AND SIGNS DIVISION 7100 NW 36th STREET MIAMI, FLORIDA 33166 305-592-3580	<table><tr><td>NAME</td><td>DATE</td></tr><tr><td>DRAWN BY LIS DAZ</td><td>5-22-23</td></tr><tr><td>CHECKED BY MARIN FERNANDEZ</td><td></td></tr><tr><td>APPROVED BY FRANK ARRA, P.E.</td><td></td></tr></table>	NAME	DATE	DRAWN BY LIS DAZ	5-22-23	CHECKED BY MARIN FERNANDEZ		APPROVED BY FRANK ARRA, P.E.		SCHOOL ZONE SPEED LIMIT BEACON ASSEMBLY DETAILS (N.T.S.)	<table><tr><td>SHEET NO.</td></tr><tr><td>1 OF 2</td></tr></table>	SHEET NO.	1 OF 2
NAME	DATE																
DRAWN BY LIS DAZ	5-22-23																
CHECKED BY MARIN FERNANDEZ																	
APPROVED BY FRANK ARRA, P.E.																	
SHEET NO.																	
1 OF 2																	

				 © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM REGISTRY 35106	KHA PROJECT 20240168	MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY	LICENSED PROFESSIONAL	SCHOOL ZONE SPEED LIMIT BEACON ASSEMBLY DETAILS	SHEET NUMBER T-6
					DATE JANUARY 2026		LEONTE I. ALMONTE, P.E.		
					SCALE AS SHOWN		P.E. LICENSE NO.70822		
					DESIGNED BY KHA		DATE: 1/15/2026		
					DRAWN BY KHA				
					CHECKED BY KHA				
No.	REVISIONS			DATE	BY				

Plotted: B:\p027_2\p027_2.dwg Sheet: S01-MIAMI NORTHWESTERN SENIOR HIGH Layout: T-6 SCHOOL ZONE SPEED LIMIT BEACON ASSEMBLY DETAILS (N.T.S.) (2) January 19, 2026 09:08:47am K:\mib_roadway\20240168_srls_miami_northwestern_senior_high\CADD\plansheets\T-6 RECTANGULAR RAPID FLASHING BEACON DETAIL.dwg

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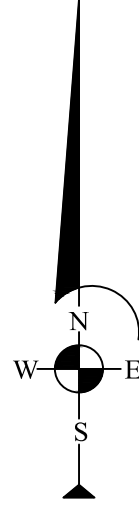


No.	REVISIONS	DATE	BY

 © 2025 KIMLEY-HORN AND ASSOCIATES, INC. 2 ALHAMBRA PLAZA, SUITE 500, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM REGISTRY 35106	KHA PROJECT 20240168 DATE JANUARY 2026 SCALE AS SHOWN DESIGNED BY KHA DRAWN BY KHA CHECKED BY KHA	MIAMI NORTHWESTERN SENIOR HIGH SCHOOL PREPARED FOR MIAMI DADE COUNTY MIAMI DADE COUNTY	LICENSED PROFESSIONAL LEONTE I. ALMONTE, P.E. P.E. LICENSE NO. 70822 FL DATE: 1/15/2026	BEACON ASSEMBLY PEDESTAL POLE WIRING DETAILS	SHEET NUMBER T-7
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Z:\DESIGN 2024\24630_Kimley Horn_MDC Safe Routes to Schools Traffic Circles_#445766-1_Miami Northwestern Senior High School\1234567\SURVE\CADD\24-630_TOPOGRAPHIC SURVEY.dwg

TOPOGRAPHIC SURVEY



LOCATION & KEY MAP
NOT TO SCALE
MIAMI-DADE COUNTY, FLORIDA

ABBREVIATIONS:

STA.	=	STATION
ELEV.	=	ELEVATION
ID	=	IDENTIFICATION
PSM	=	PROFESSIONAL SURVEYOR & MAPPERS
LB	=	LICENSED BUSINESS
C.B.S.	=	CONCRETE, BLOCK, STUCCO
CONC.	=	CONCRETE
DWY.	=	DRIVEWAY
SWK.	=	SIDEWALK
PVMT.	=	PAVEMENT
P.B.	=	PLAT BOOK
PG.	=	PAGE
INV.	=	INVERT
No.	=	NUMBER
R/W	=	RIGHT OF WAY
SEC.	=	SECTION
TWP.	=	TOWNSHIP
RNG.	=	RANGE
R	=	RECORD
C	=	CALCULATED
P	=	PLAT
N	=	NORTH
E	=	EAST
R.C.P.	=	REINFORCED CONCRETE PIPE
C.M.P.	=	CORRUGATED METAL PIPE
PVC	=	POLYVINYL CHLORIDE
TYP.	=	TYPICAL
S.R.	=	STATE ROAD
PK	=	PARKER KALON
W/	=	WITH
MDCR	=	MIAMI DADE COUNTY RECORD
CL.	=	CLEARANCE
CB	=	CATCH BASIN
ASPH	=	ASPHALT
CP	=	CONTROL POINT

LEGEND:

	POWER POLE
	TREE
	SINGLE SUPPORT SIGN
	WATER VALVE
	MANHOLE SANITARY
	MANHOLE SEWER
	WATER METER
	FIRE HYDRANT
	UNKNOWN MANHOLE
	MANHOLE TELEPHONE
	JUNCTION BOX
	GAS VALVE
	ELECTRIC OUTLET
	LUMINAIRE
	MONITORING WELL
	SIGNAL SUPPORT
	WIRE PULL BOX
	CENTER LINE
	SPOT ELEVATION

LINE TYPE:

	RIGHT OF WAY LINE
	CENTER LINE
	SUBDIVISION LINE
	EASEMENT LINE
	ELECTRIC LINE
	CHAIN LINK FENCE LINE
	SHRUB HEDGE

SURVEYOR'S NOTES:

- THIS IS NOT A BOUNDARY SURVEY, THIS IS A TOPOGRAPHIC SURVEY PREPARED IN ACCORDANCE WITH THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 FLORIDA STATUTES AND TO CHAPTER 5J-17 OF THE F.A.C.

- BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, NORTH AMERICAN DATUM 1983 (ADJUSTMENT 2011). A BEARING OF N 87°32'41" E WAS ESTABLISHED ALONG NW 71TH STREET, USING A COMBINATION OF GLOBAL POSITIONING SYSTEM (GPS) AND CONVENTIONAL TRAVERSE METHODOLOGIES. ALL DATA WAS ADJUSTED USING FDOT APPROVED LEAST SQUARE ADJUSTMENT SOFTWARE.

- THE ACCURACY OBTAINED FOR ALL HORIZONTAL CONTROL MEASUREMENTS AND OFFICE CALCULATIONS OF CLOSED GEOMETRIC FIGURES, MEETS OR EXCEEDS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS AS CONTAINED IN CHAPTER 5J-17.051, FAC. THE HORIZONTAL ACCURACY OBTAINED ON THIS TOPOGRAPHIC SURVEY WAS FOUND TO EXCEED 1 FOOT IN 7,500 FEET. A COMMONLY ACCEPTED VALUE IN THE CONSTRUCTION AND SURVEY INDUSTRY FOR SUBURBAN AREAS.

- THE ELEVATION AS SHOWN ARE BASED ON A CLOSED LEVEL RUN BETWEEN THE TWO ELEVATIONS BENCHMARKS NOTED BELOW AND MEETS OR EXCEEDS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS AS CONTAINED IN CHAPTER 5J-17.051, FAC. THE VERTICAL ACCURACY OBTAINED ON THIS TOPOGRAPHIC SURVEY EXCEED THE CALCULATED VALUE OF CLOSURE IN FEET OF PLUS OR MINUS 0.05 FEET TIME THE SQUARE ROOT OF THE DISTANCE IN MILES A COMMONLY ACCEPTED VALUE IN CONSTRUCTION AND SURVEY INDUSTRY.

- ELEVATIONS REFER TO NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88) AND ARE BASED ON MIAMI-DADE COUNTY BENCHMARKS
H-437, ELEVATION 11.25'.
H-414, ELEVATION 8.82'.

- THE SURVEY MAP IS INTENDED TO BE DISPLAYED AT THE STATED GRAPHIC SCALE IN ENGLISH UNITS OF MEASUREMENT AS DEPICTED ON THE SURVEY MAP. ATTENTION IS DIRECTED TO THE FACT THAT SAID SURVEY MAP MAY BE ALTERED IN SCALE BY REPRODUCTION AND MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

- ALL MEASUREMENTS AS SHOWN ARE IN ACCORDANCE WITH UNITED STATES STANDARD USING THE U.S. SURVEY FEET.

- RIGHT OF WAY LINES SHOWN ARE AS PER EXISTING PLATS OF RECORDS AND FOUND MONUMENTATION.

- THERE MAY BE ADDITIONAL RESTRICTIONS, EASEMENTS, RIGHTS OF WAY, OR OTHER ENCUMBRANCES THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

- MANUEL G. VERA & ASSOCIATES, INC. DOES CARRY PROFESSIONAL LIABILITY INSURANCE FOR SURVEYING AND MAPPING SERVICES.

- LAST DAY OF FIELD WORK WAS ON 10/25/2024.

CERTIFICATION:

I HEREBY CERTIFY THAT THIS TOPOGRAPHIC SURVEY MEETS ALL APPLICABLE REQUIREMENTS OF THE FLORIDA STANDARDS OF PRACTICE CONTAINED IN CHAPTER 5J-17 OF THE FLORIDA ADMINISTRATIVE CODE.

CARLOS E. ALONSO PSM #6669
MANUEL G. VERA & ASSOCIATES INC. L.B.2439
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL
RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

TOPOGRAPHIC SURVEY
MIAMI NORTHWESTERN
SENIOR HIGH SCHOOL TRAFFIC CIRCLE
FOR KIMLEY HORN
MIAMI-DADE COUNTY, FLORIDA

MANUEL G. VERA & ASSOCIATES, INC.
SURVEYORS • MAPPERS • SUB SURFACE UTILITY
13960 SW 47th Street • Miami, FL 33175 • Phone (305)221-6210
P.O. BOX 650578 • Miami, FL 33265 • Fax (305)221-1295
• www.mgvera.com

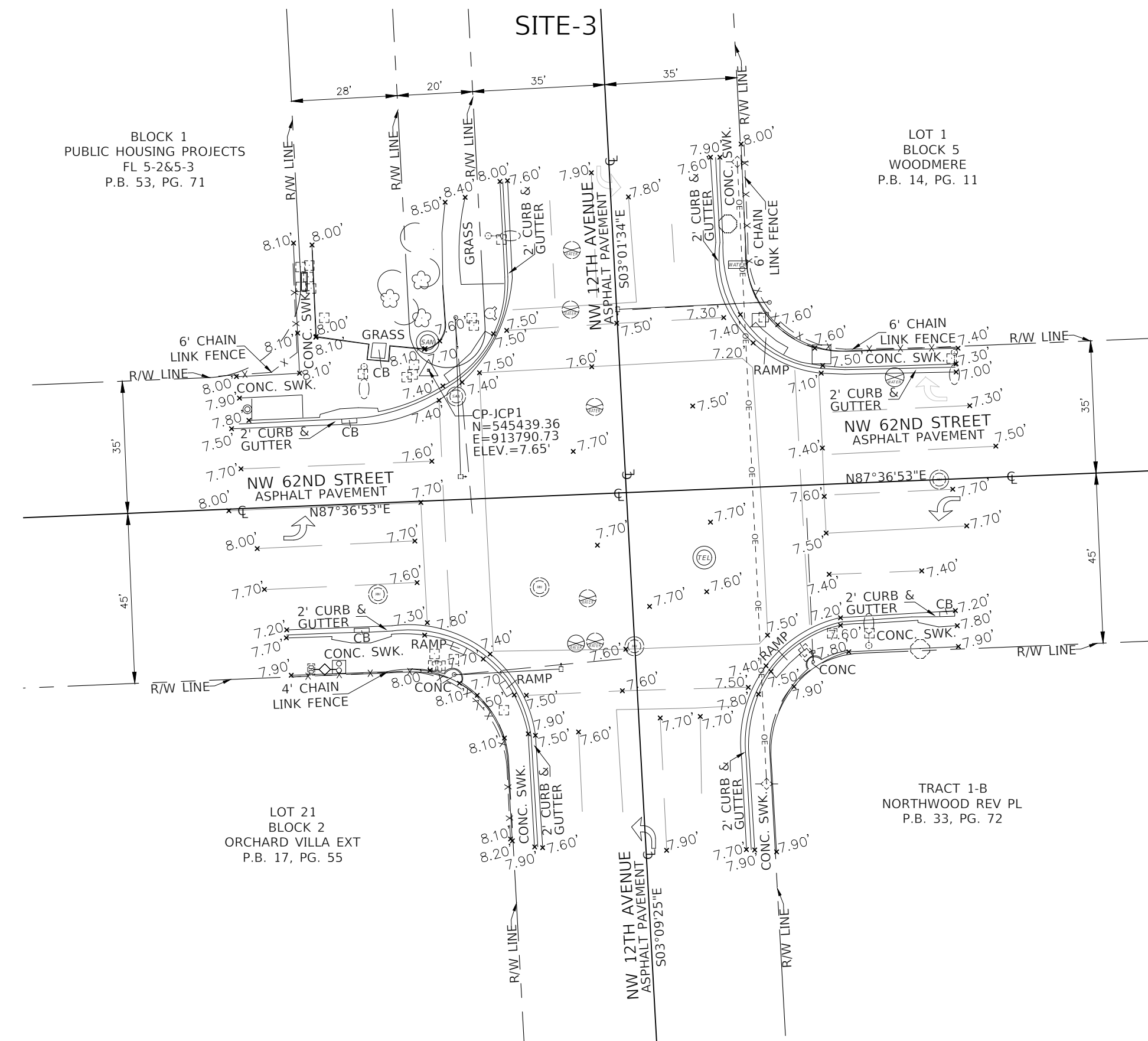
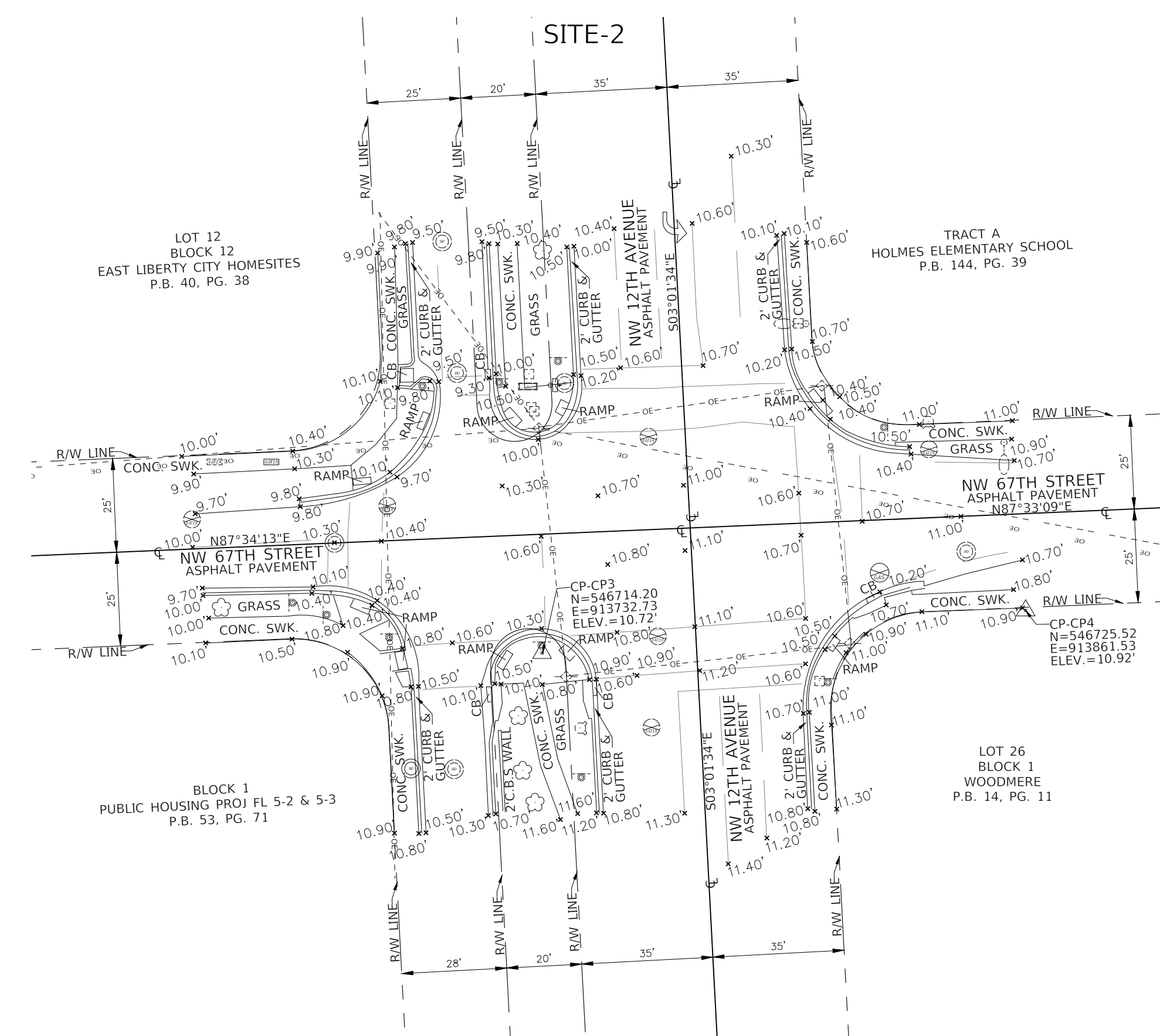
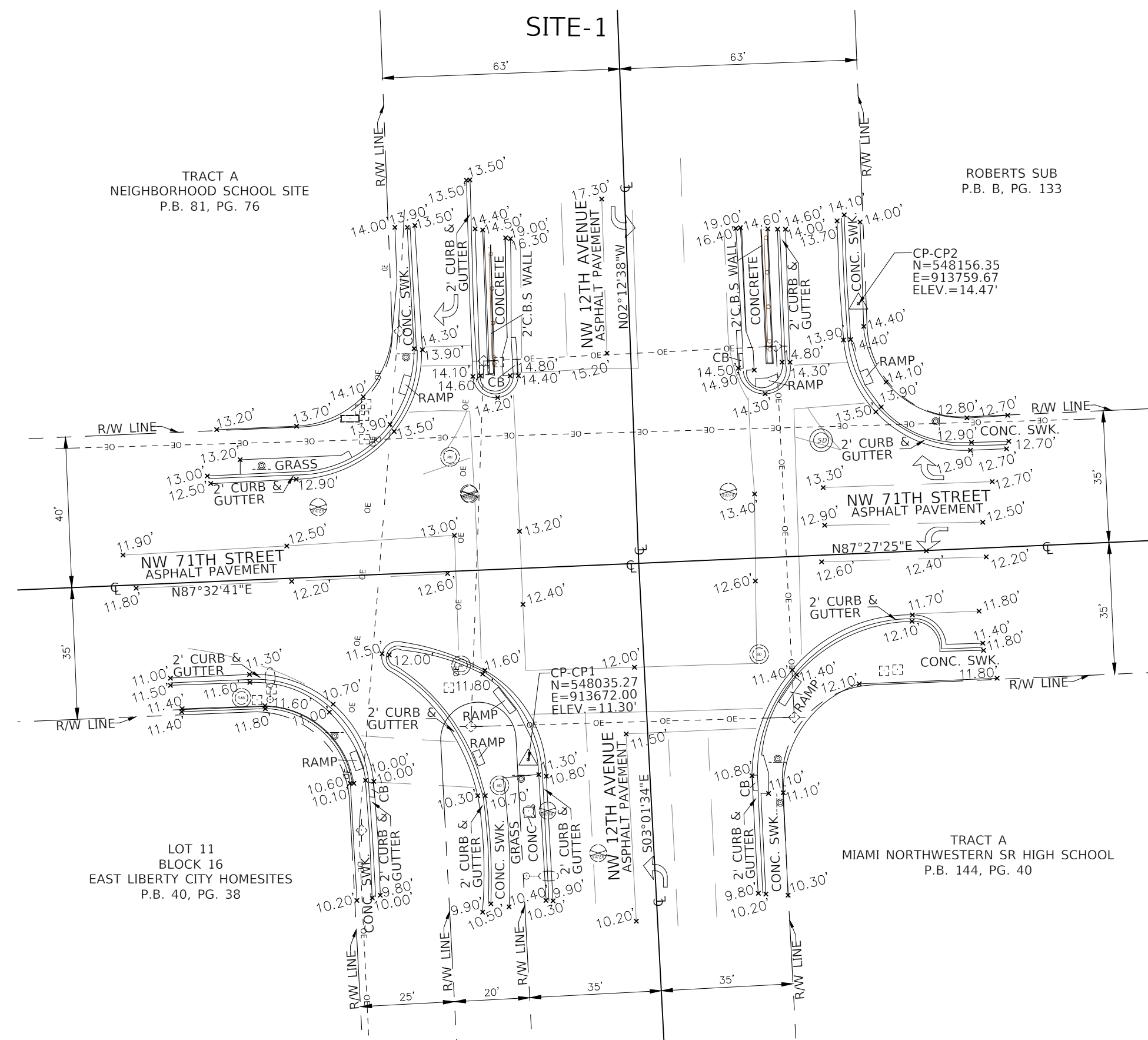
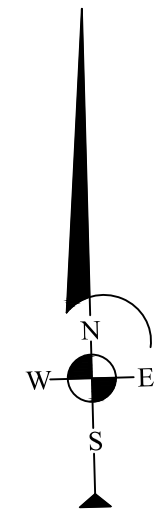
Date:	02/20/25
FIELD BOOK:	
DESIGN NO.:	24-630
DRAWN BY:	DG
CHECKER:	CEA
SCALE:	AS SHOWN

NO.	DATE	REVISION

GRAPHIC SCALE

30 15 0 30

1 inch = 30 ft.



NO.	DATE	REVISION	SCALE: 1"= 30'
			CHECKER: CEA
			DRAWN BY: DG
			DESIGN NO.: 24-630
			FIELD BOOK:

TOPOGRAPHIC SURVEY
MIAMI NORTHWESTERN
SENIOR HIGH SCHOOL TRAFFIC CIRCLE
FOR KIMLEY HORN
MIAMI-DADE COUNTY, FLORIDA

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