

MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS CONTRACT PLANS

FOR SAFE ROUTES TO SCHOOL LOCATIONS (4 SCHOOLS AS LISTED BELOW) MIAMI-DADE COUNTY PROJECT NO. 20180144, FM No. 439895-1

NOTES:

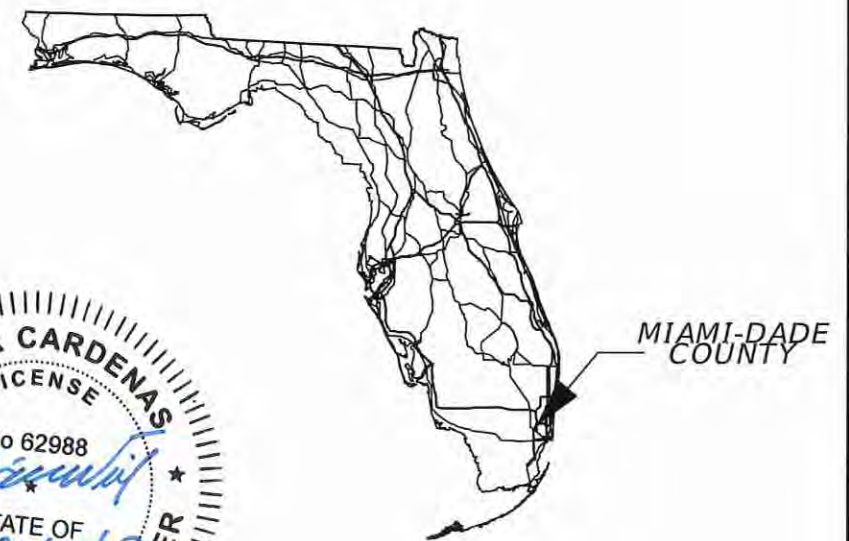
CONTRACTOR SHALL COMPLY WITH THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION SPECIFICATIONS AND DETAILS FOR SIGNAL EQUIPMENT, SIGNS, PAVEMENT MARKINGS, AND INSTALLATION PROCEDURES.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

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SCHOOL NO #	NAME OF SCHOOL
1.	NORTH TWIN LAKES ELEMENTARY
2.	MIAMI GARDENS ELEMENTARY
3.	MYRTLE GROVE ELEMENTARY
4.	BUNCHE PARK ELEMENTARY



GOVERNING STANDARDS AND SPECIFICATIONS:

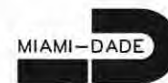
MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS STANDARDS, THE MANUAL OF UNIFORM, MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION, AND MAINTENANCE FOR STREETS AND HIGHWAYS 2016

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS PLANS 2019-2020

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2020 AS AMENDED BY CONTRACT DOCUMENTS

FOR DESIGN STANDARDS MODIFICATION CLICK ON "STANDARD PLANS" AT THE FOLLOWING WEBSITE:
<http://www.fdot.gov/design/standardplans/current/default.shtm>

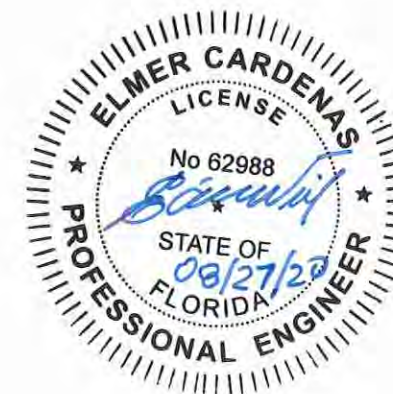
PREPARED FOR



MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
TRAFFIC ENGINEERING DIVISION
STEPHEN P. CLARK CENTER
111 NW 1st ST
MIAMI, FLORIDA 33128

PREPARED BY:

R.J. BEHAR & COMPANY, INC.
6861 S.W. 196 AVENUE, SUITE 302
PEMBROKE PINES, FL 33332
VENDOR IDENTIFICATION F65 095 4070
CERTIFICATE OF AUTHORIZATION NO. 00008365



PROPOSED	CHECK	C.M
DESIGN	E.C	DRAWN M.L & E.C
DATE	07/01/20	

SHEET NO.
1

SAFE ROUTES TO SCHOOLS PROJECT FM No. 439895-1			QUANTITIES TAKEOFF					
			SUMMARY OF ALL SCHOOLS					
			NORTH TWIN LAKES ELEMENTARY	MIAMI GARDENS ELEMENTARY	MYRTLE GROVE ELEMENTARY	BUNCHE PARK ELEMENTARY	TOTAL OF ALL SCHOOLS	
ITEM NO.	DESCRIPTION	UNIT						
101-1-A	MOBILIZATION	LS						1
102-1A	MAINTENANCE OF TRAFFIC	LS						1
110-4-2H	REMOVAL & DISPOSE OF EXIST. CONC. SWK. (UP TO 8" THICK)	SY		58	29	51		138
334-1-11	SUPERPAVE ASPHALTIC CONC., TRAFFIC A	TN				0.5		0.5
520-2A	CONCRETE CURB AND GUTTER	LF				20		20
522-1-1	CONCRETE SIDEWALK (4" THICK) CATEGORY 1	SY	10	179	188	6		383
522-2-3	CONCRETE SIDEWALK (6" THICK) CATEGORY 1	SY		35		45		80
527-2	DETECTABLE WARNING ON WALKING SURFACE	SF	34	159	299	174		666
632-7-1B	TRAFFIC CONTROL CABLES (4-7 CONDUCTOR)	LF		240				240
(*) 639-1-121	ELECTRIC POWER SERVICE, F&I , UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS		2	1			3
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA		2	1			3
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALLED, LED COUNTDOWN, 1 WAY	AS		4				4
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL - POLE/PEDESTAL TO REMAIN	AS		4				4
700-12-11	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS		2	1			3
700-1-11B	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1	18	6	2		27
700-1-60	SINGLE POST SIGN, REMOVE	AS		9	2	2		13
700-2-60	MULTI-POST SIGN, REMOVE	AS	1	11	2			14
706-1-12	REFLECTIVE PAVEMENT MARKERS (CLASS B, BI-DIRECT)	EA	8	24	56	12		100
711-11-121	THERMOPLASTIC (White) (Solid)(6")	LF		7				7
711-11-123	THERMOPLASTIC (White) (Solid)(12")	LF	120	443	1168	1264		2995
711-11-124	THERMOPLASTIC (White) (Solid)(18")	LF		30				30
711-11-125	THERMOPLASTIC (White) (Solid)(24")	LF	154	446	533	1632		2765
711-11-160	THERMOPLASTIC (White)(Message)	EA		1	1			2
711-11-221	THERMOPLASTIC (Yellow) (Solid)(6")	LF	200	600	1400	300		2500
711-17	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF		64		682		746

(*) Includes all required conduit, electric service wire, pull boxes, meter socket, service disconnect(s), grounding, surge protective device , and miscellaneous appurtances needed for a complete installation.

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	SUMMARY OF QUANTITIES ALL SCHOOLS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				2

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTPW), FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
2. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE- CALL AT 1-(800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
3. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
4. KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS MAY INCLUDE, BUT ARE NOT LIMITED TO :

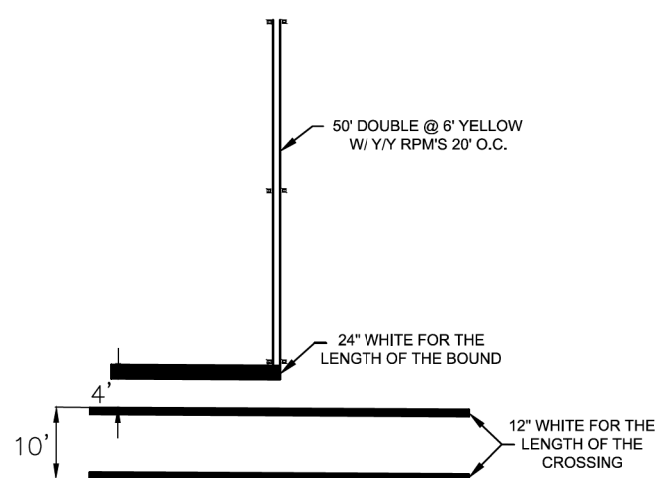
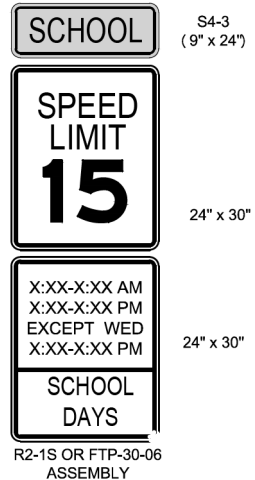
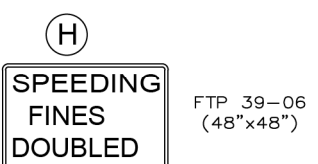
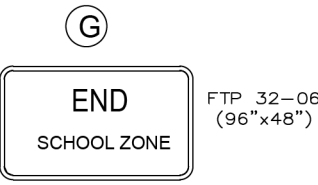
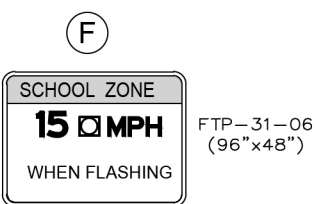
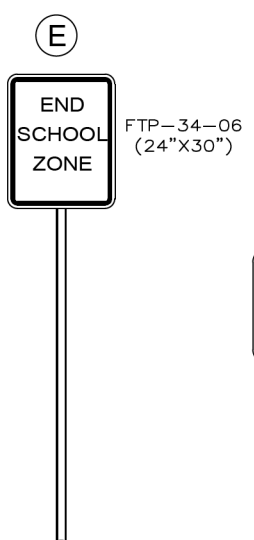
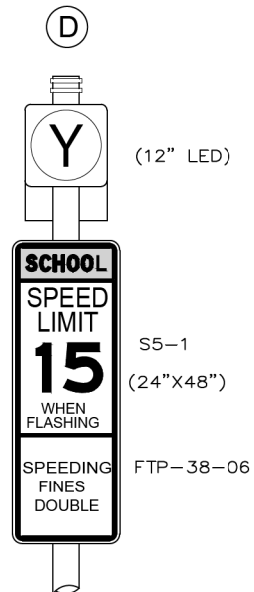
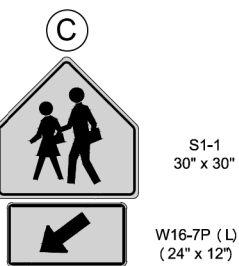
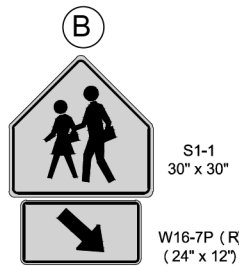
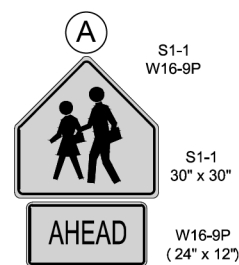
UTILITY OWNER	CONTACT	PHONE No.
FPL	EDGAR AGUILAR	(386)586-6403
AT&T	DINO FARRUGIO	(561)997-0240
MIAMI-DADE WATER AND SEWER	LAZARO GUERRA	(786)268-5273
COMCAST	LEONARD MAXWELL-NEUBOLD	(754)221-1254
MCI	MCIUOI INVESTIGATIONS	(469)886-4091
CITY OF HIALEAH WATER AND SEWER	ALEX MEDINA	(305)556-3800
CITY OF OPA-LOCKA WATER AND SEWER	AIRIA AUSTIN	(305)953-2868
DADE COUNTY PUBLIC WORKS AND TRAFFIC	OCTAVIO VIDAL	(305)412-0891
FLORIDA CITY GAS	GUSTAVO PENA	(305)835-3624
CROWN CASTLE FIBER	DANNY HASKETT	(786)610-7073
FLORIDA GAS TRANSMISSION	JOSEPH E. SANCHEZ	(407)838-7171
CENTURY LINK	NETWORK RELATIONS	(877)366-8344
AMERICAN TRAFFIC SOLUTIONS	SANTIAGO MARTINEZ	(480)596-4595
ATLANTIC BROADBAND	PETE FREYTAG	(305)861-8069
CROWN CASTLE NG	FIBERDIG TEAM	(888)632-0931
5. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER
6. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE MATCHING EXISTING SOD OR USING BAHIA AS A DEFAULT SOD.
7. ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE AT THE LEGAL DISPOSAL SITE, OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
8. EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS .CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN THE PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, AND THE FOOT DESIGN STANDARDS .
10. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS
11. CONTRACTOR TO INSTALL 1/2" PRE -FORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
12. CONTRACTOR SHALL UTILIZE SAW CUTS TO MAKE THE NECESSARY CONNECTIONS TO EXISTING PAVEMENT, CURB AND GUTTER, AND SIDEWALKS.
13. CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS USED IN THE PROJECT.
14. WHERE CONNECTIONS TO EXISTING SIDEWALKS AND DRIVEWAYS ARE NOT INDICATED ON PLANS, PROPER CONNECTIONS ARE TO BE MADE AS DIRECTED BY THE ENGINEER. DROP CURB AND DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE PROJECT. PAYMENT SHALL BE INCLUDED IN THE COST RELATED BID ITEMS.

15. ALL IMPROVEMENTS ARE TO BE CONSTRUCTED AND/OR INSTALLED WITHIN EXISTING STATE AND OR LOCAL R/W. ALL IMPROVEMENTS MUST OCCUR BETWEEN THE EXISTING BACK OF SIDEWALK AND ROADWAY CROWN. AT LOCATIONS WHERE NO SIDEWALK EXISTS ADJACENT TO THE ROADSIDE, ALL QUESTIONS REGARDING LOCATION OF THE PUBLIC RIGHT OF WAY MUST BE VERIFIED BY DTPW RIGHT OF WAY OFFICE.
16. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
17. KEEP EXISTING INLETS CLEAN OF DEBRIS. INLETS LOCATED NEAR CONSTRUCTION ACTIVITIES SHOULD BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
18. CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE PROJECT ENGINEER AT LEAST SEVENTY TWO (72) HOURS PRIOR TO USE.
19. ALL LANDSCAPE IS DESIGNATED TO REMAIN UNLESS OTHERWISE NOTED IN PLANS. ALL LANDSCAPE WITHIN 5 FEET OF CONSTRUCTION ACTIVITIES SHALL BE PROTECTED AS PER FDOT STANDARD PLANS INDEX 110-100. COST OF TREE PROTECTION TO BE INCLUDED IN 102-1A MAINTENANCE OF TRAFFIC.
20. CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIP LINE OF TREES.
21. FOR PAVEMENT MARKING INCLUDING REFLECTIVE PAVEMENT MARKERS (R.P.M.) REFER TO FDOT STANDARD PLANS INDEX 711-001, AND 706-001 WHERE APPLICABLE. ALL PAVEMENT MARKINGS LABELED ON PLANS TO BE "RESTRIPE" ARE PROPOSED IN FIELD AS PER ILLUSTRATION AND SCALE SHOWN, UNLESS OTHERWISE NOTED.
22. ALL NEW CROSSWALKS (STANDARD AND SPECIAL EMPHASIS SHALL BE STRIPED ACCORDING TO FDOT STANDARD PLANS INDEX 711-001) .
23. ALL PLAN PAVEMENT MARKING NOTES THAT INCLUDE THE WORD "TYP.", MEANING TYPICAL, ARE TO BE CONSTRUCTED AS PER FDOT STANDARD PLANS INDEX NO. 711-001 FOR THE STATED ITEM DESCRIPTION.
24. NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT WILL BE ALLOWED WITHIN NORTH TWIN LAKES ELEMENTARY, MIAMI GARDENS ELEMENTARY, MYRTLE GROVE ELEMENTARY, OR BUNCHE PARK ELEMENTARY PROPERTIES, OR WITHIN ANY CANAL RIGHT-OF-WAY.
25. THE FOLLOWING FEDERAL AND STATE LISTED ANIMAL SPECIES COULD INHABIT OR MIGRATE THROUGH THE CONSTRUCTION AREA: FLORIDA BONNETED BAT (E), AMERICAN CROCODILE (E), WEST INDIAN MANATEE(E), SNAIL KITE(E), PIPING PLOVER(E) AND THE WOOD STORK(T). THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REQUIREMENTS REGARDING ENDANGERED AND THREATENED SPECIES AND STATE LISTED SPECIES OF SPECIAL CONCERN. SHOULD THESE SPECIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER WITHIN 24 HOURS OF EACH ENCOUNTER.
26. EXISTING SIGNS AND PAVEMENT MARKINGS MUST REMAIN IN PLACE, UNLESS OTHERWISE SPECIFIED IN THE PLANS.
27. NO STAGING OR ADDITIONAL ACTIVITIES FOR THIS PROJECT NOT DEPICTED ON THE CURRENT PLAN SUBMITTAL WILL BE ALLOWED WITHIN OR ADJACENT TO THE NATIONAL REGISTER-ELIGIBLE BUNCHE PARK HISTORIC DISTRICT, WHICH IS BOUNDED ROUGHLY BY NW 167TH STREET TO THE NORTH, BISCAYNE CANAL TO THE SOUTH, NW 17TH AVENUE CANAL TO THE EAST AND NW 27TH AVENUE TO THE WEST; BUNCHE PARK LOCATED AT 15600 WEST BUNCHE PARK DRIVE, OR BUNCHE PARK POOL LOCATED AT 15727 NW 22ND AVENUE.
28. THE LANE WIDTH IN THE PLANS ARE APPROXIMATE AND THE CONTRACTOR SHALL VERIFY ON THE FIELD.

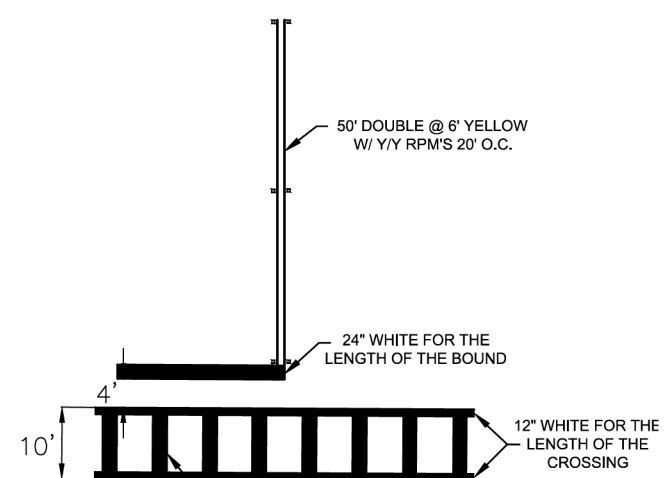
MAINTENANCE OF TRAFFIC NOTES:

1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS MANUAL AS PERTAINS TO MAINTENANCE OF TRAFFIC, THE CURRENT EDITION OF THE FDOT STANDARD PLANS INDEXES (102-600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA.
2. CONTRACTOR SHALL DEVELOP MAINTENANCE OF TRAFFIC PLAN OF HIS OWN, MEETING THE REQUIREMENTS SPECIFIED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION AND THE FDOT STANDARD PLANS INDEXES (102-600 SERIES). THE CONTRACTOR'S MAINTENANCE OF TRAFFIC PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION. THE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
3. NOTIFICATION OF LANE CLOSURE OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE OR DETOUR BY COORDINATING WITH MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
4. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY FOUR (24) HOURS IN ADVANCE OF A DETOUR IN ACCORDANCE WITH SECTION 336.07 OF THE FLORIDA STATUTES.
5. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
6. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT WORK AREA.
7. REGULATORY SPEED ESTABLISHED WITHIN THE WORK ZONE TRAVEL WAYS SHALL BE 20 M.P.H. REDUCED SPEED AND REGULATORY SPEED SIGNS SHALL BE INSTALLED ON SEPARATE POSTS IN ACCORDANCE WITH THE FDOT STANDARD PLANS INDEXES (102-600 SERIES).
8. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS WITHIN THE AREA OF CONSTRUCTION SHALL BE GIVEN ACCESS TO THEIR PROPERTY DURING ALL PHASES OF CONSTRUCTION. LOCAL RESIDENTS INCLUDE ALL COMMERCIAL ESTABLISHMENTS AND BUSINESSES.
9. AT ALL INTERSECTION STREETS, NO LESS THAN ONE "ROAD CONSTRUCTION AHEAD" SIGN AND ONE "END CONSTRUCTION" SIGN MUST BE INSTALLED.
10. COORDINATION WITH MIAMI DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS WILL BE REQUIRED.
11. CONTRACTOR MUST PROVIDE FLASHING ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED.
12. NO LANE CLOSURE OR INTERRUPTION OF TRAFFIC ALLOWED BETWEEN THE HOURS OF 7-9 AM AND 4-6 PM UNLESS SPECIAL PERMISSION IS OBTAINED FROM THE DIRECTOR OF DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
13. LANE CLOSURE SHALL NOT BE PERMITTED DURING SCHOOL SPEED ZONE HOURS WHERE SUCH CLOSURES WILL AFFECT TRAFFIC FLOW IN THE VICINITY OF THE SCHOOL SPEED ZONE.
14. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST AND UNCOVERING THE SIGNS SHALL BE INCLUDED UNDER MAINTENANCE OF TRAFFIC.
15. CONTRACTOR SHALL REMOVE, RELOCATE, OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATION, COVERING, AND RESTORING THE SIGNS SHALL BE INCLUDED UNDER MAINTENANCE OF TRAFFIC.

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				3

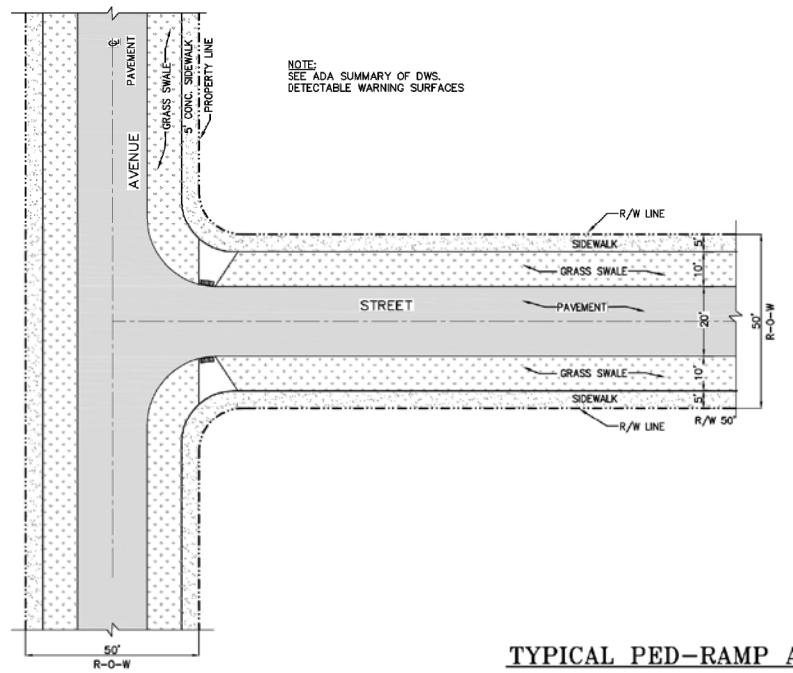


NOTE:
DIM ARE PART PAGE 2
STANDARD MARKING PEDESTRIAN CROSSING FOR A TYPICAL 50' R-O-W ROADWAY
N.T.S.

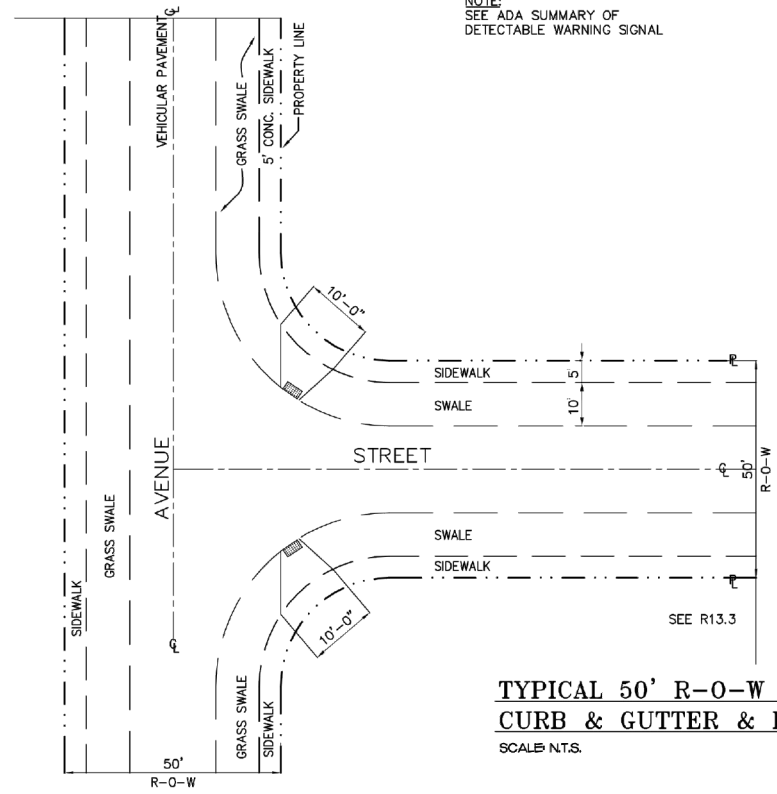
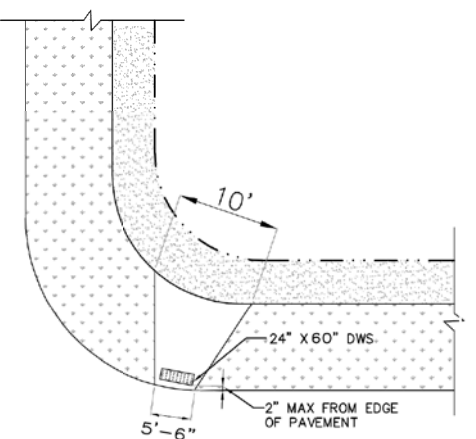


NOTE:
DIM ARE PART PAGE 2
STANDARD MARKING PEDESTRIAN CROSSING FOR A TYPICAL 50' R-O-W ROADWAY
N.T.S.

- NOTES:**
1. School warnings signs, including the "SCHOOL" (S4-3P) portion of the R2-1S (Miami-Dade County sign), shall have a fluorescent yellow-green background with a black legend and border.
 2. Posted School Hours existing in the field shall be maintained.
 3. All signs are standard and no modification to structures are needed.



TYPICAL PED-RAMP AT SIDEWALK WITHOUT CURB & GUTTER
SCALE: N.T.S.



TYPICAL 50' R-O-W SIDEWALK WITHOUT CURB & GUTTER & PED-RAMP W/DWS
SCALE: N.T.S.

100% DESIGN

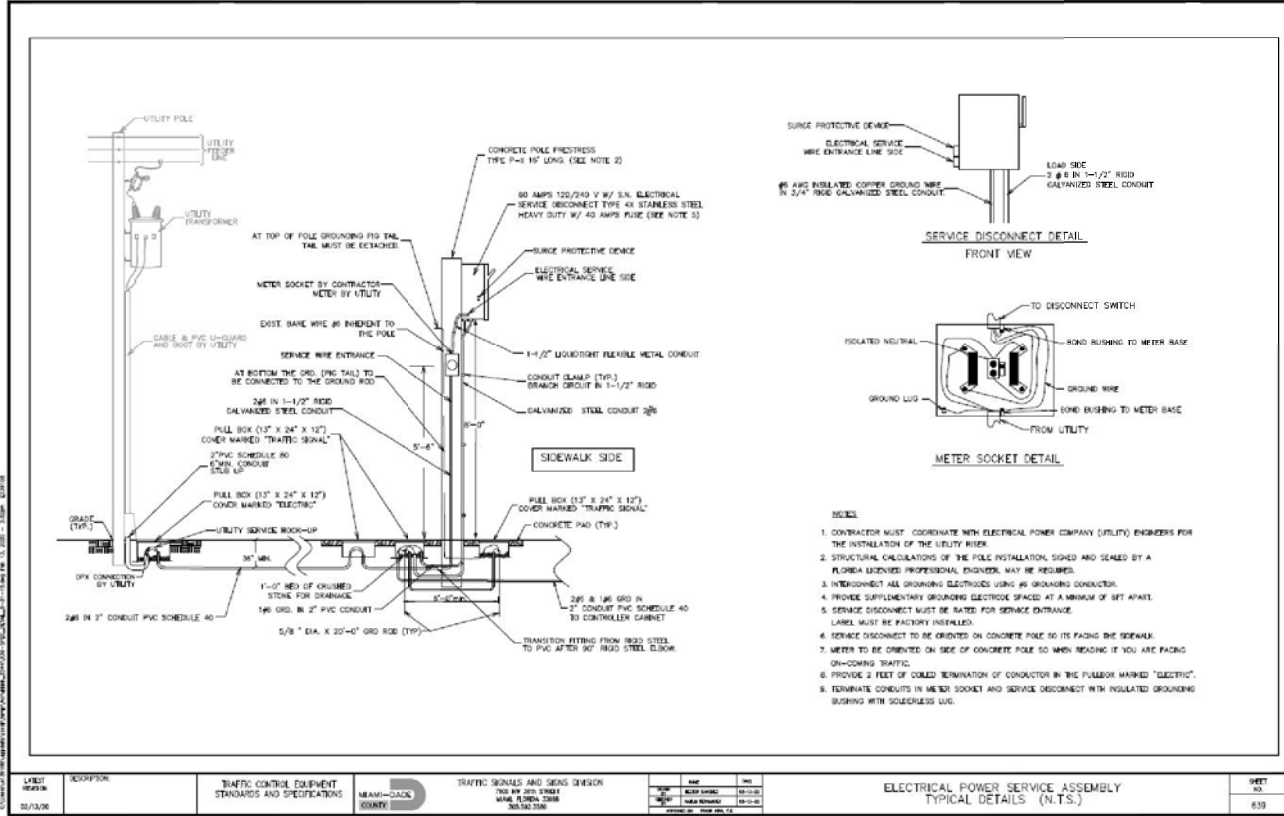
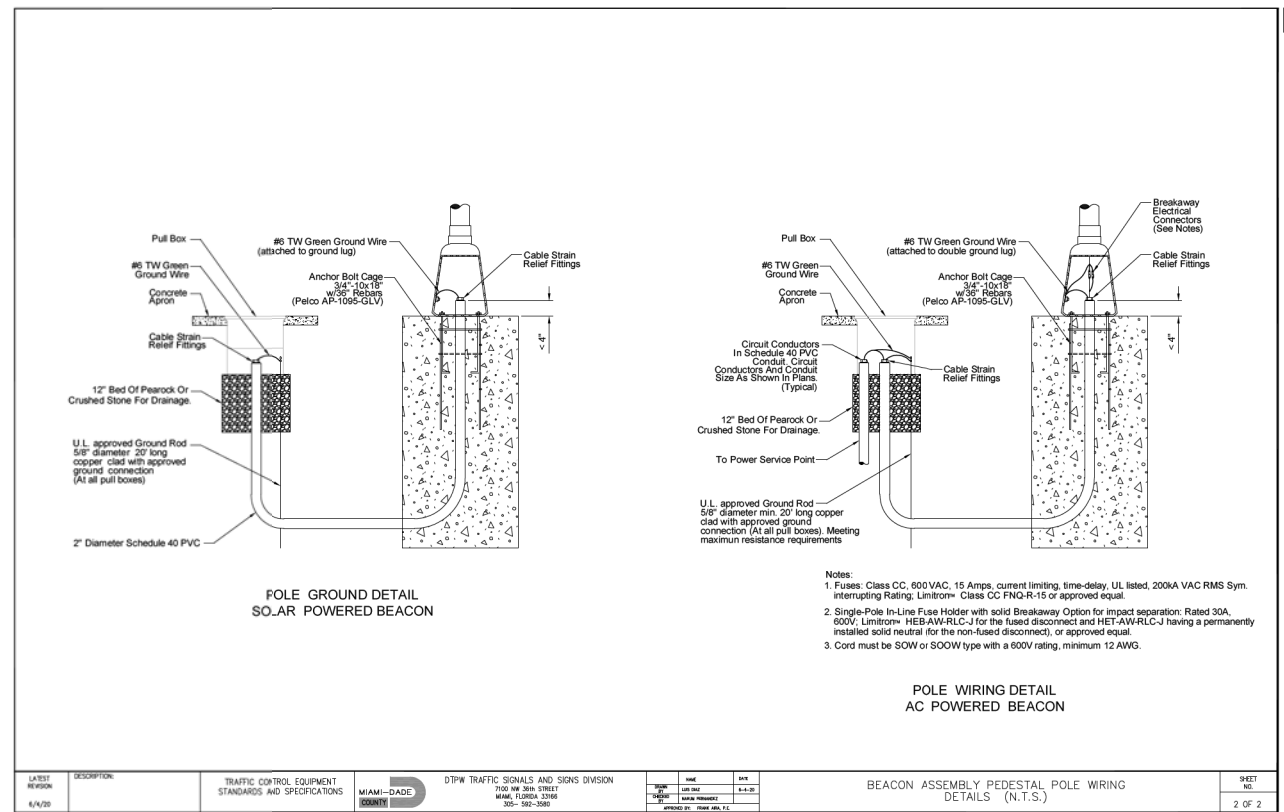
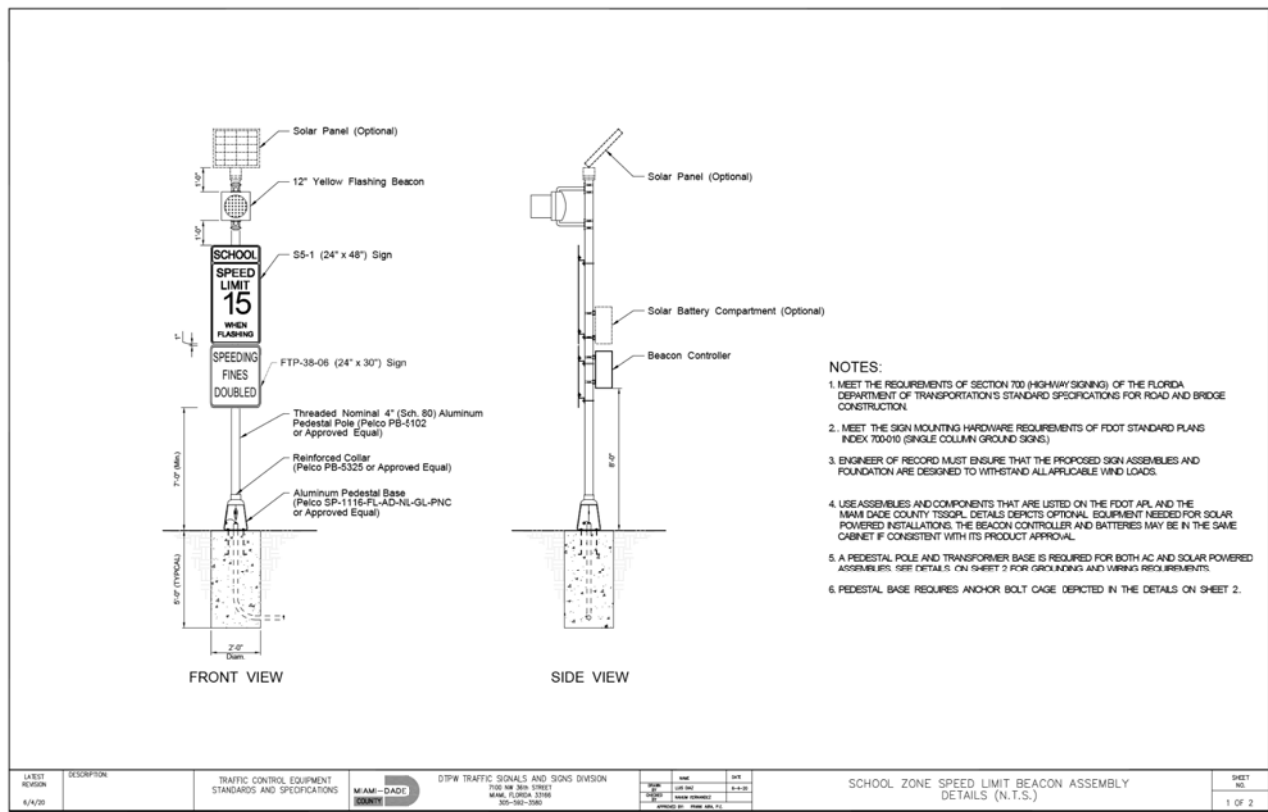
REVISIONS			
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P.E. LICENSE NUMBER 62988
R.J. BEHAR AND COMPANY, INC.
6861 S.W. 196 AVENUE, SUITE 302
PEMBROKE PINES, FLORIDA 33332
CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
DEPARTMENT OF TRANSPORTATION
AND PUBLIC WORKS
TRAFFIC ENGINEERING DIVISION

SPECIAL DETAIL 1

SHEET NO.
4

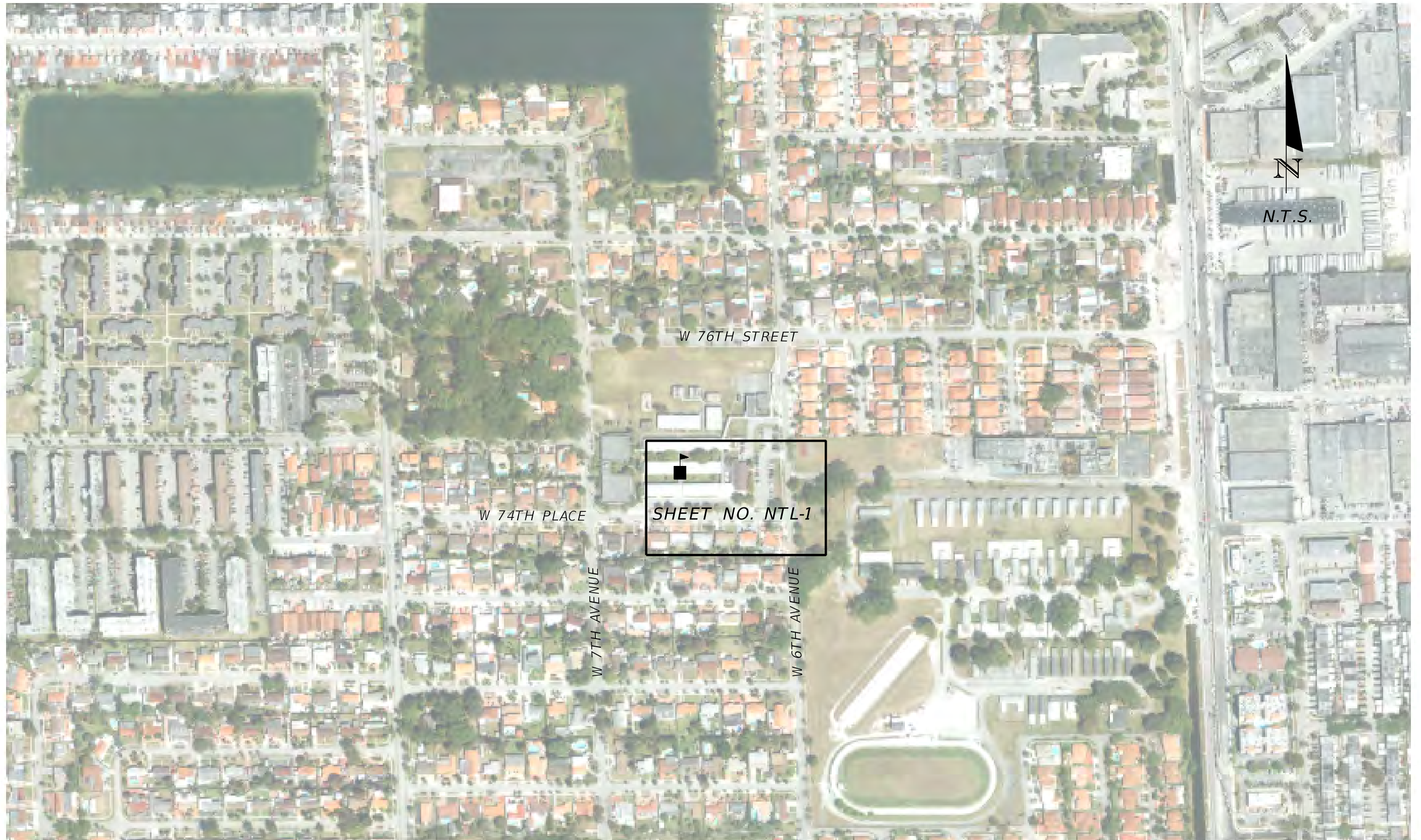


REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 SW 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION			

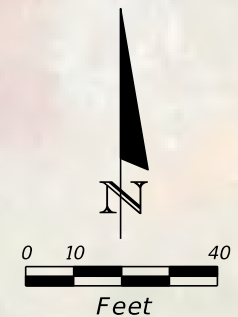
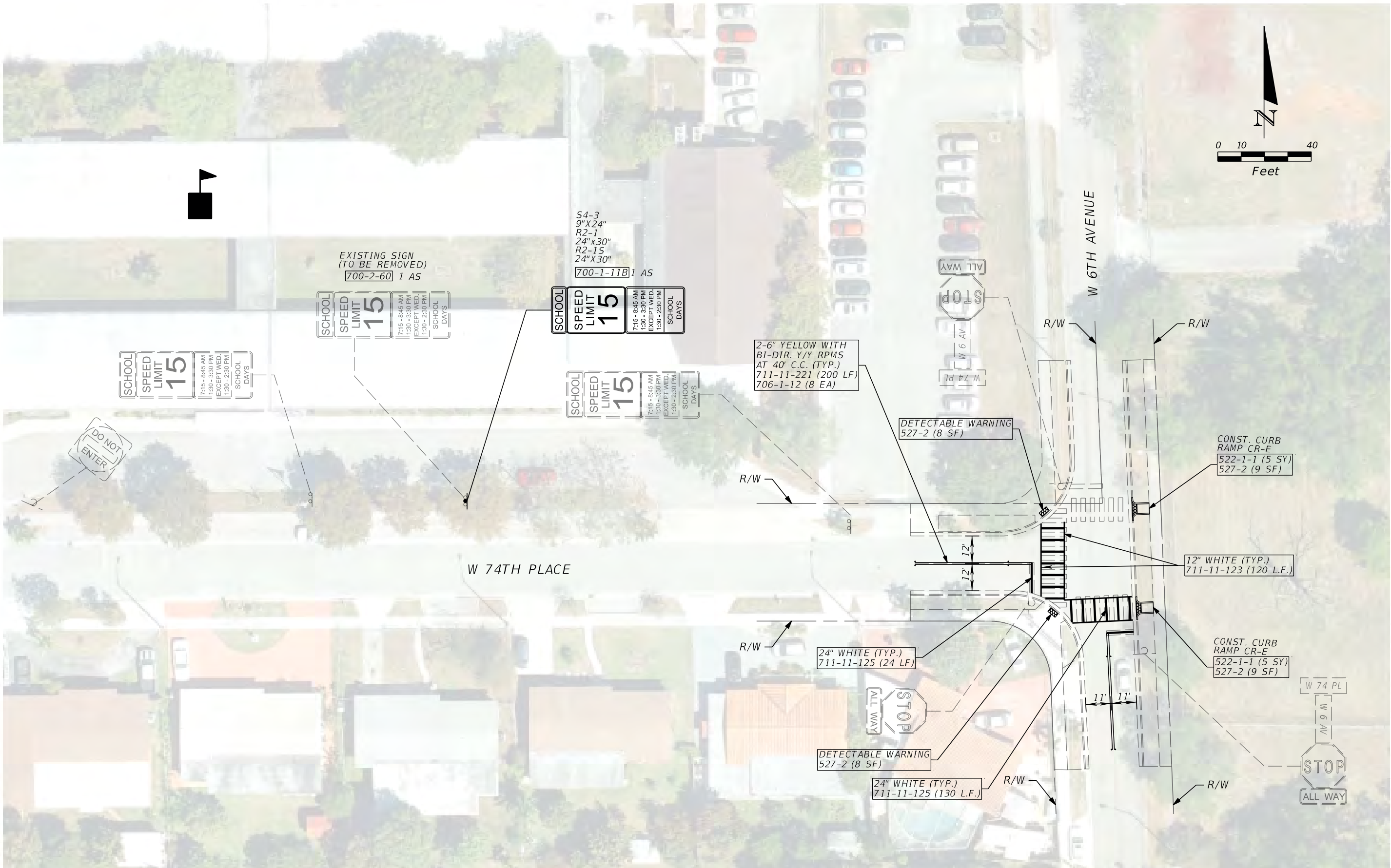
SAFE ROUTES TO SCHOOLS PROJECT FM No. 439895-1			QUANTITIES TAKEOFF	
			NORTH TWIN LAKES ELEMENTARY	
ITEM NO.	DESCRIPTION	UNIT	NTL-1	TOTAL
102-1A	MAINTENANCE OF TRAFFIC	LS		
110-4-2H	REMOVAL & DISPOSE OF EXIST. CONC. SWK. (UP TO 8" THICK)	SY		
334-1-11	SUPERPAVE ASPHALTIC CONC., TRAFFIC A	TN		
520-2A	CONCRETE CURB AND GUTTER	LF		
522-1-1	CONCRETE SIDEWALK (4") CATEGORY 1	SY	10	10
522-2-3	CONCRETE SIDEWALK (6") CATEGORY 1	SY		
527-2	DETECTABLE WARNING ON WALKING SURFACE	SF	34	34
632-7-1B	TRAFFIC CONTROL CABLES (4-7 CONDUCTOR)	LF		
(*) 639-1-121	ELECTRIC POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS		
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA		
653-1-11	PEDESTRIAN SIGNAL , FURNISH & INSTALLED, LED COUNTDOWN, 1 WAY	AS		
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL - POLE/PEDESTAL TO REMAIN	AS		
700-12-11	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS		
700-1-11B	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1	1
700-1-60	SINGLE POST SIGN, REMOVE	AS		
700-2-60	MULTI-POST SIGN, REMOVE	AS	1	1
706-1-12	REFLECTIVE PAVEMENT MARKERS (CLASS B, BI-DIRECT)	EA	8	8
711-11-121	THERMOPLASTIC (White) (Solid)(6")	LF		
711-11-123	THERMOPLASTIC (White) (Solid)(12")	LF	120	120
711-11-124	THERMOPLASTIC (White) (Solid)(18")	LF		
711-11-125	THERMOPLASTIC (White) (Solid)(24")	LF	154	154
711-11-160	THERMOPLASTIC (White)(Message)	EA		
711-11-221	THERMOPLASTIC (Yellow) (Solid)(6")	LF	200	200
711-17	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF		

(*) Includes all required conduit, electric service wire, pull boxes, meter socket, service disconnect(s), grounding, surge protective device , and miscellaneous appurtances needed for a complete installation.

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	NORTH TWIN LAKES ELEMENTARY SCHOOL - SUMMARY QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				NTL-SQ



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	NORTH TWIN LAKES ELEMENTARY SCHOOL - KEY SHEET MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				NTL-KEY



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

NORTH TWIN LAKES ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 NTL-1

SAFE ROUTES TO SCHOOLS PROJECT FM No. 439895-1			QUANTITIES TAKEOFF					
			MIAMI GARDENS ELEMENTARY					
			MG-1	MG-2	MG-3	MG-4	MG-5	TOTAL
ITEM NO.	DESCRIPTION	UNIT						
102-1A	MAINTENANCE OF TRAFFIC	LS						
110-4-2H	REMOVAL & DISPOSE OF EXIST. CONC. SWK. (UP TO 8" THICK)	SY		24		34		58
334-1-11	SUPERPAVE ASPHALTIC CONC., TRAFFIC A	TN						
520-2A	CONCRETE CURB AND GUTTER	LF						
522-1-1	CONCRETE SIDEWALK (4") CATEGORY 1	SY	66	67	12.5	33.5		179
522-2-3	CONCRETE SIDEWALK (6") CATEGORY 1	SY				35		35
527-2	DETECTABLE WARNING ON WALKING SURFACE	SF	20	63	20	56		159
632-7-1B	TRAFFIC CONTROL CABLES (4-7 CONDUCTOR)	LF		240				240
(*) 639-1-121	ELECTRIC POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS		1			1	2
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA		1			1	2
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALLED, LED COUNTDOWN, 1 WAY)	AS		4				4
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL - POLE/PEDESTAL TO REMAIN	AS		4				4
700-12-11	SIGN BEACON, F&I GROUND MOUNT-AC POWERED, ONE BEACON	AS		1			1	2
700-1-11B	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS		11	2	4	1	18
700-1-60	SINGLE POST SIGN, REMOVE	AS		7		1	1	9
700-2-60	MULTI-POST SIGN, REMOVE	AS		5	2	3	1	11
706-1-12	REFLECTIVE PAVEMENT MARKERS (CLASS B, BI-DIRECT)	EA	4	16	4			24
711-11-121	THERMOPLASTIC (White) (Solid)(6")	LF				7		7
711-11-123	THERMOPLASTIC (White) (Solid)(12")	LF	80	276	87			443
711-11-124	THERMOPLASTIC (White) (Solid)(18")	LF				30		30
711-11-125	THERMOPLASTIC (White) (Solid)(24")	LF	15	334	97			446
711-11-160	THERMOPLASTIC (White)(Message)	EA		1				1
711-11-221	THERMOPLASTIC (Yellow) (Solid)(6")	LF	100	400	100			600
711-17	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF		64				64

(*) Includes all required conduit, electric service wire, pull boxes, meter socket, service disconnect(s), grounding, surge protective device , and miscellaneous appurtances needed for a complete installation.

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MIAMI GARDENS ELEMENTARY SCHOOL SUMMARY QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MG-SQ



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MIAMI GARDENS ELEMENTARY SCHOOL - KEY SHEET MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MG-KEY

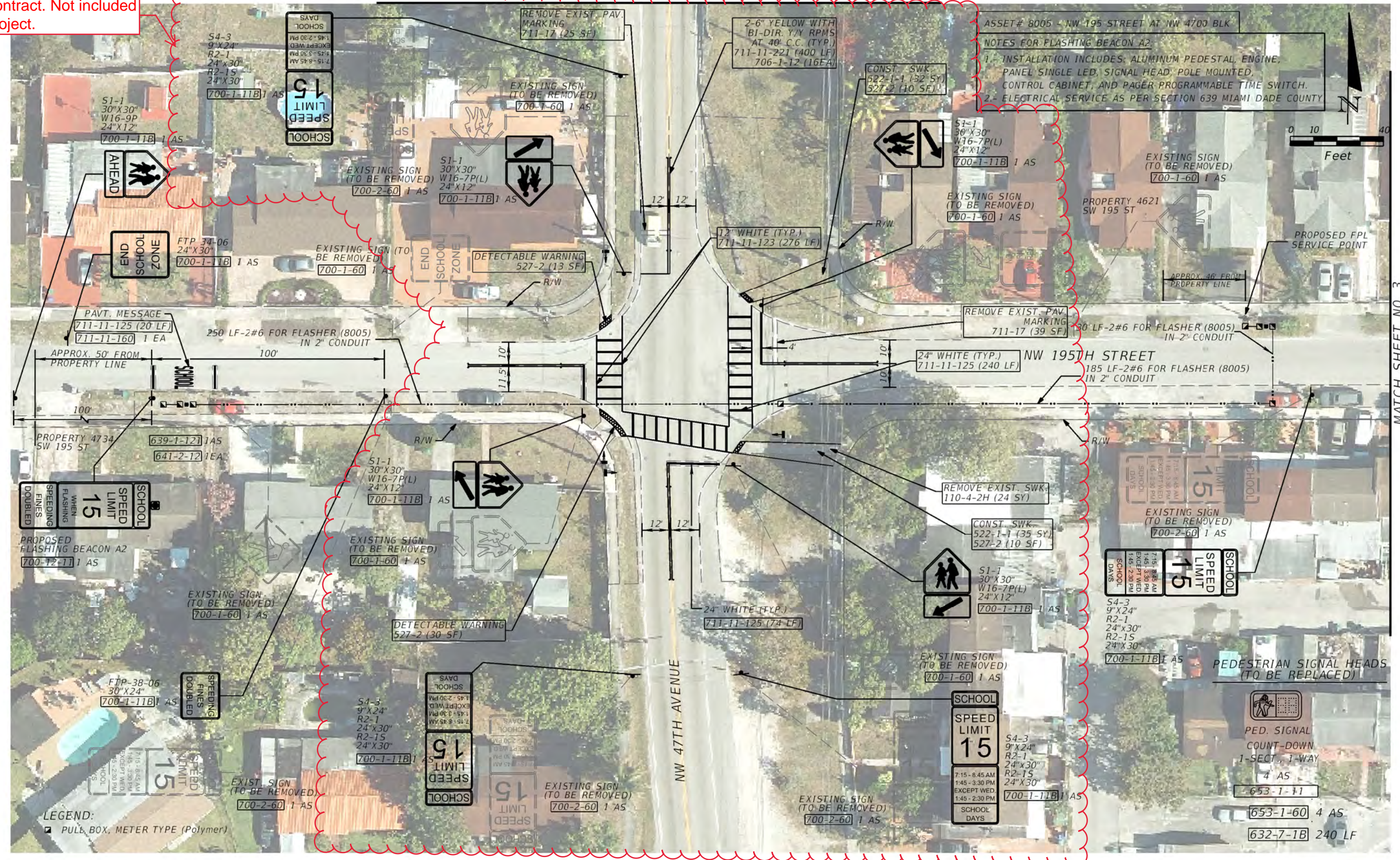


Work completed in separate FDOT contract. Not included in this project.

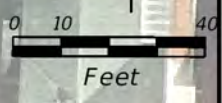
MATCH SHEET NO. 2

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MIAMI GARDENS ELEMENTARY SCHOOL - PLAN	SHEET NO. MG-1
DATE	DESCRIPTION	DATE	DESCRIPTION				

Work completed in separate FDOT contract. Not included in this project.



ASSET# 8005 - NW 195 STREET AT NW 4700 BLK
 NOTES FOR FLASHING BEACON A2:
 1.- INSTALLATION INCLUDES: ALUMINUM PEDESTAL, ENGINE, PANEL SINGLE LED, SIGNAL HEAD, POLE MOUNTED, CONTROL CABINET, AND PAGER PROGRAMMABLE TIME SWITCH.
 2.- ELECTRICAL SERVICE AS PER SECTION 639 MIAMI DADE COUNTY



MATCH SHEET NO. 3

REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 SW. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MIAMI GARDENS ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MG-2

MATCH SHEET NO. 2

MATCH SHEET NO. 4



LEGEND:
 ■ PULL BOX, METER TYPE (Polymer)

REVISIONS	
DATE	DESCRIPTION

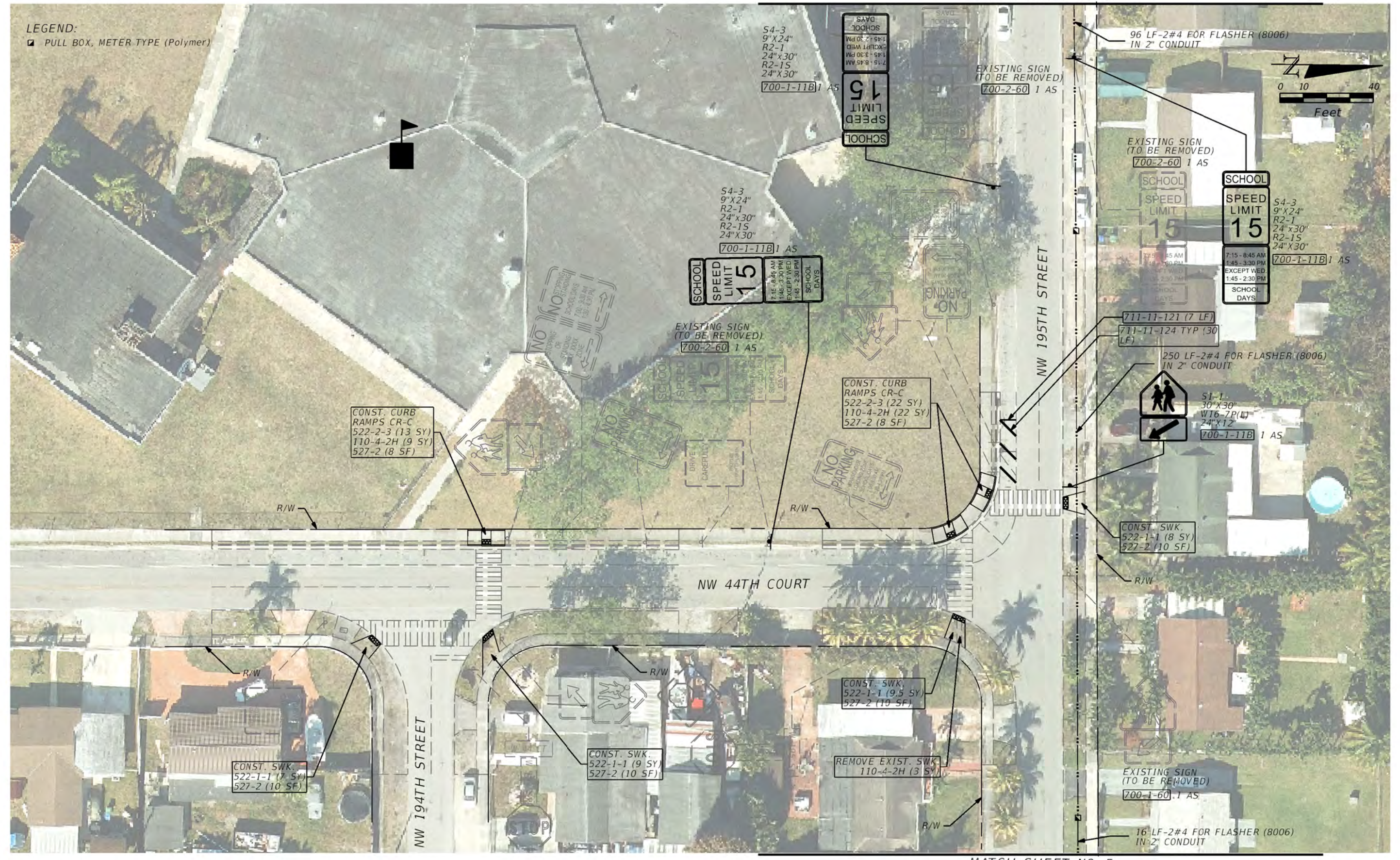
ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 SW. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MIAMI GARDENS ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MG-3

LEGEND:
 ■ PULL BOX, METER TYPE (Polymer)



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 SW. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MIAMI GARDENS ELEMENTARY SCHOOL - PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MG-4

ASSET# 8006 - NW 195 STREET AT NW 4306 BLK

NOTES FOR FLASHING BEACON A2:

- 1.- INSTALLATION INCLUDES: ALUMINUM PEDESTAL, ENGINE, PANEL SINGLE LED, SIGNAL HEAD, POLE MOUNTED, CONTROL CABINET, AND PAGER PROGRAMMABLE TIME SWITCH.
- 2.- ELECTRICAL SERVICE AS PER SECTION 639 MIAMI DADE COUNTY

MATCH SHEET NO. 4



LEGEND:
■ PULL BOX, METER TYPE (Polymer)

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MIAMI GARDENS ELEMENTARY SCHOOL - PLAN	SHEET NO. MG-5
DATE	DESCRIPTION	DATE	DESCRIPTION				

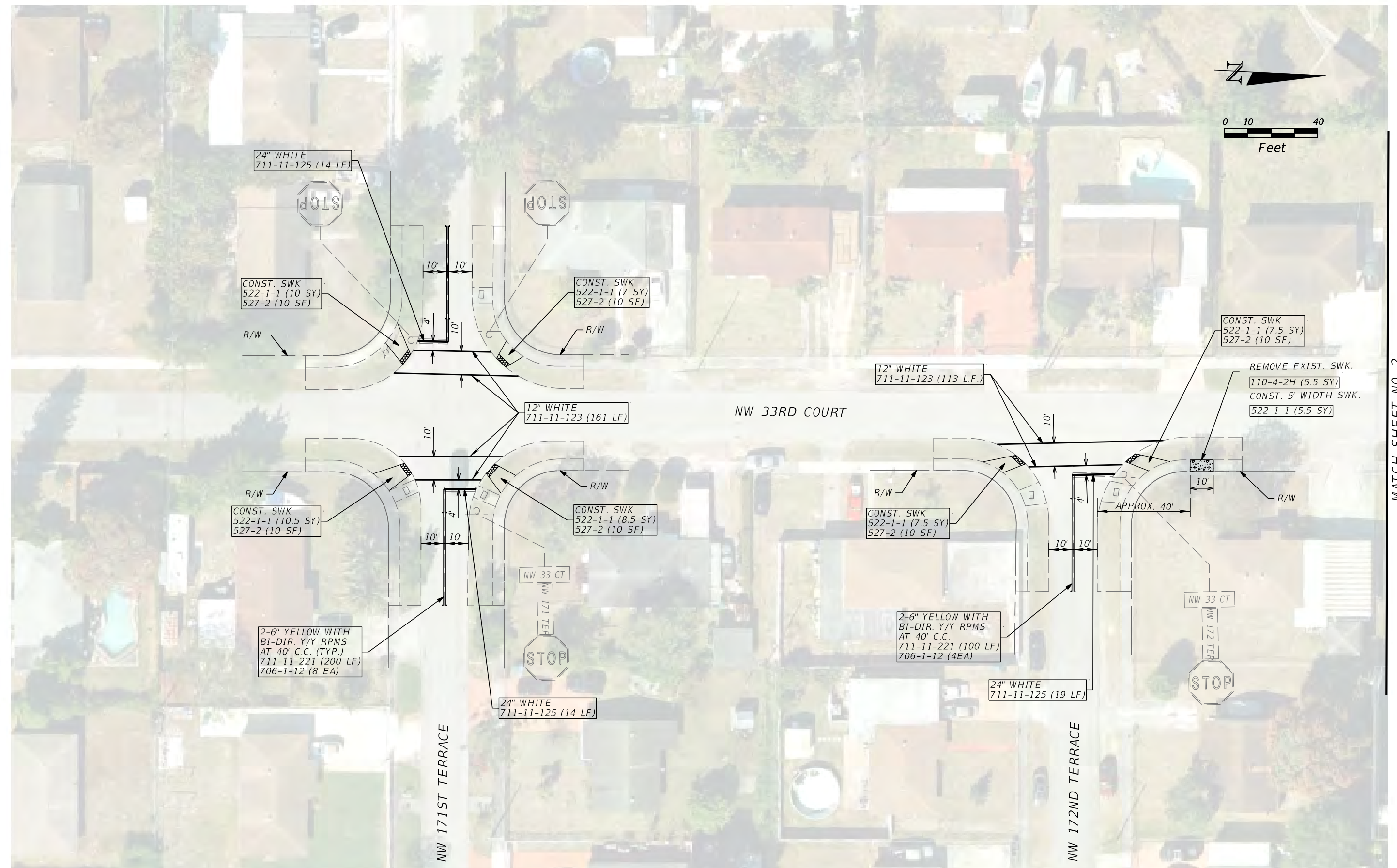
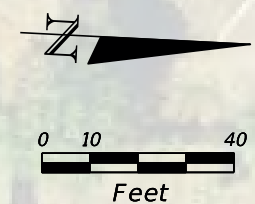
SAFE ROUTES TO SCHOOLS PROJECT FM No. 439895-1			QUANTITIES TAKEOFF											
			MYRTLE GROVE ELEMENTARY											
			MGS-1	MGS-2	MGS-3	MGS-4	MGS-5	MGS-6	MGS-7	MGS-8	MGS-9	MGS-10	TOTAL	
ITEM NO.	DESCRIPTION	UNIT												
102-1A	MAINTENANCE OF TRAFFIC	LS												
110-4-2H	REMOVAL & DISPOSE OF EXIST. CONC. SWK. (UP TO 8" THICK)	SY	5.5									17	6	29
334-1-11	SUPERPAVE ASPHALTIC CONC., TRAFFIC A	TN												
520-2A	CONCRETE CURB AND GUTTER	LF												
522-1-1	CONCRETE SIDEWALK (4") CATEGORY 1	SY	56.5	17	15		21.5	16				42	21	188
522-2-3	CONCRETE SIDEWALK (6") CATEGORY 1	SY												
527-2	DETECTABLE WARNING ON WALKING SURFACE	SF	60	20	20	40	20	20	39	20	40	20		299
632-7-1B	TRAFFIC CONTROL CABLES (4-7 CONDUCTOR)	LF												
(* 639-1-121	ELECTRIC POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS										1		1
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA										1		1
653-1-11	PEDESTRIAN SIGNAL, FURNISH & INSTALLED, LED COUNTDOWN, 1 WAY	AS												
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED AIGNAL - POLE/PEDESTAL TO REMAIN	AS												
700-12-11	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS										1		1
700-1-11B	SINGLE POST SIGN, F&I GROUND MOUNT, UPM TO 12 SF	AS				2				2	2			6
700-1-60	SINGLE POST SIGN , REMOVE	AS									2			2
700-2-60	MULTI-POST SIGN, REMOVE	AS							2					2
706-1-12	REFLECTIVE PAVEMENT MARKERS (CLASS B, BI-DIRECT)	EA	12	4	4	8	4	4	4	4	4	8	4	56
711-11-121	THERMOPLASTIC (White) (Solid)(6")	LF												
711-11-123	THERMOPLASTIC (White) (Solid)(12")	LF	274	83	87	165	70	62	80	80	176	91		1168
711-11-124	THERMOPLASTIC (White) (Solid)(18")	LF												
711-11-125	THERMOPLASTIC (White) (Solid)(24")	LF	47	15	16	183	12	12	88	113	32	15		533
711-11-160	THERMOPLASTIC (White)(Message)	EA									1			1
711-11-221	THERMOPLASTIC (Yellow) (Solid)(6")	LF	300	100	100	200	100	100	100	100	200	100		1400
711-17	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF												

(*) Includes all required conduit, electric service wire, pull boxes, meter socket, service disconnect(s), grounding, surge protective device , and miscellaneous appurtances needed for a complete installation.

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL SUMMARY QUANTITIES	SHEET NO. MGS-SQ
DATE	DESCRIPTION	DATE	DESCRIPTION				



REVISIONS		ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365		MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL KEY SHEET MAP	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			MGS-KEY



MATCH SHEET NO. 2

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

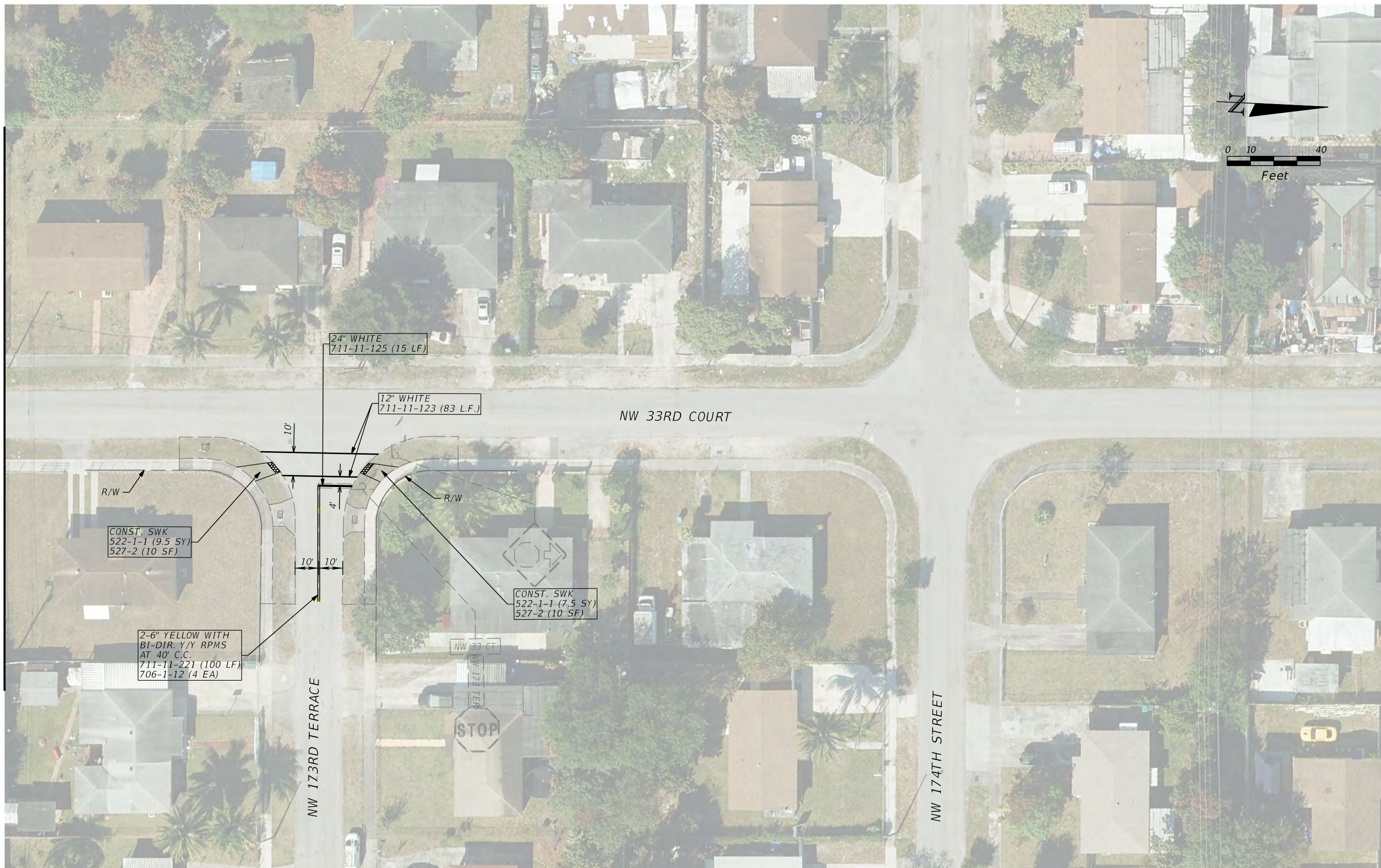
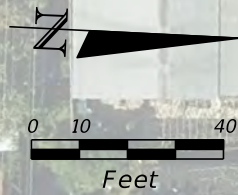
ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MGS-1

MATCH SHEET NO. 1



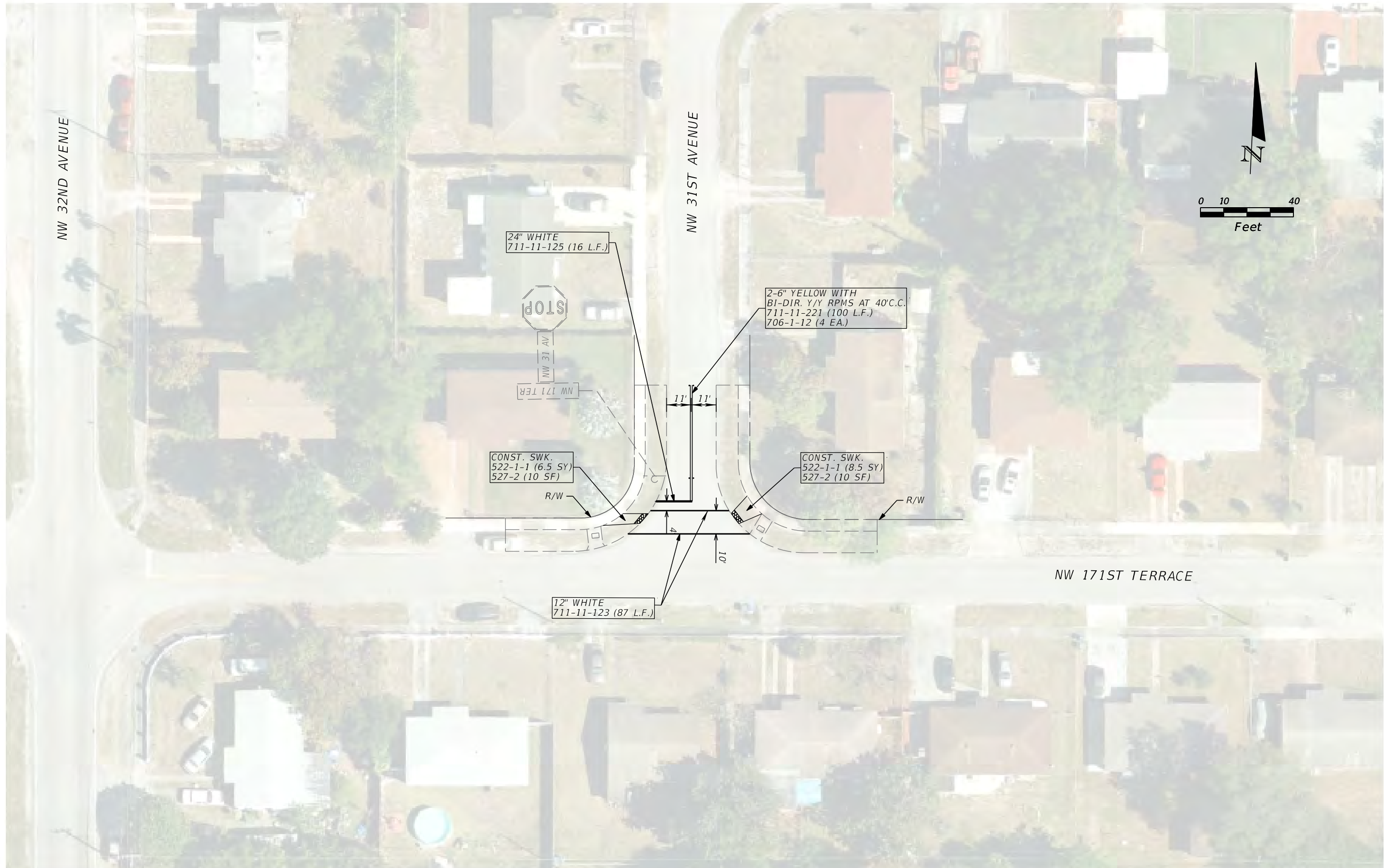
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

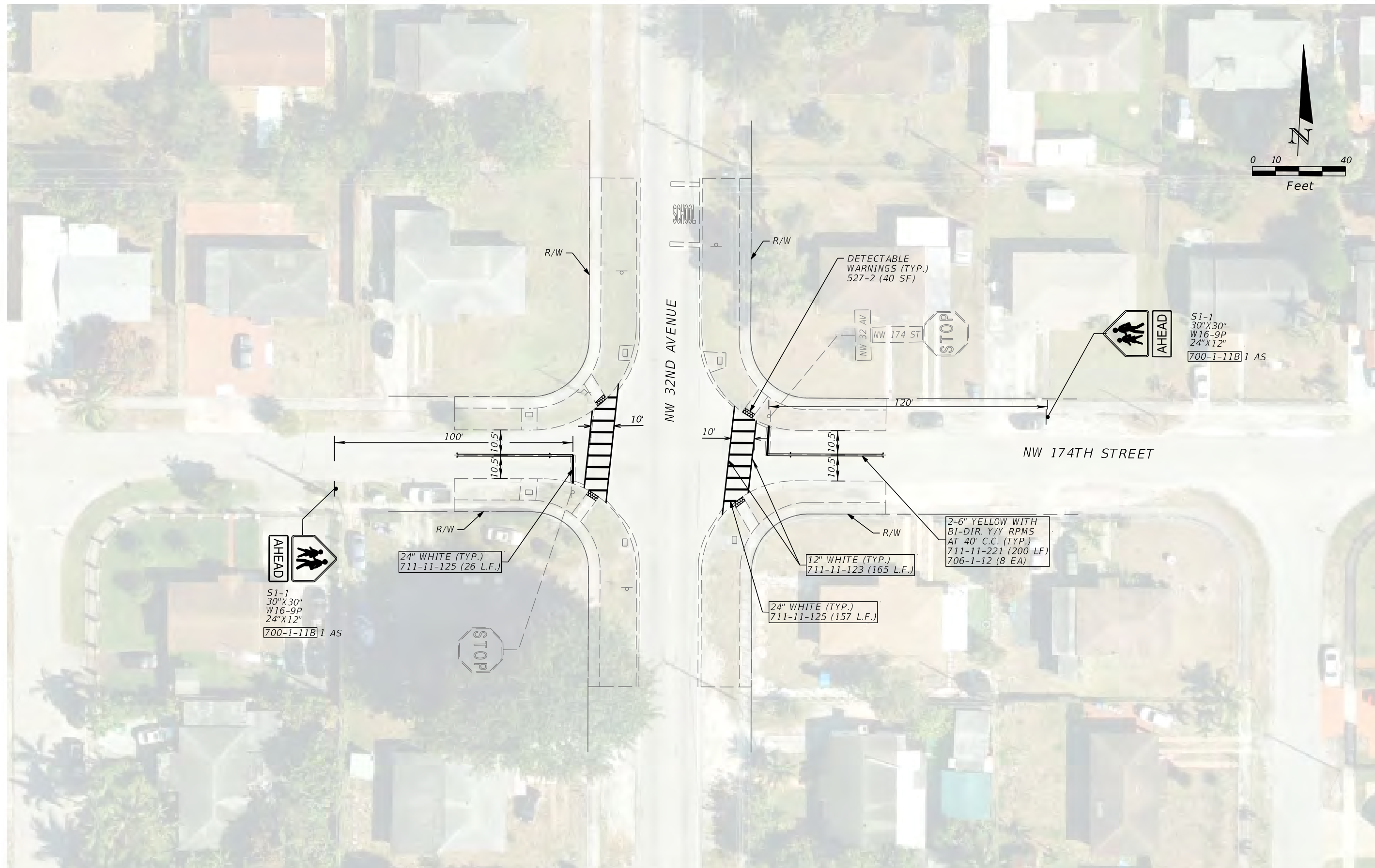
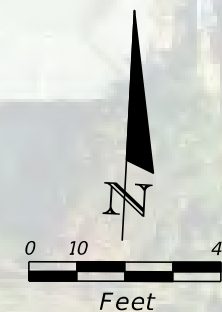
MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

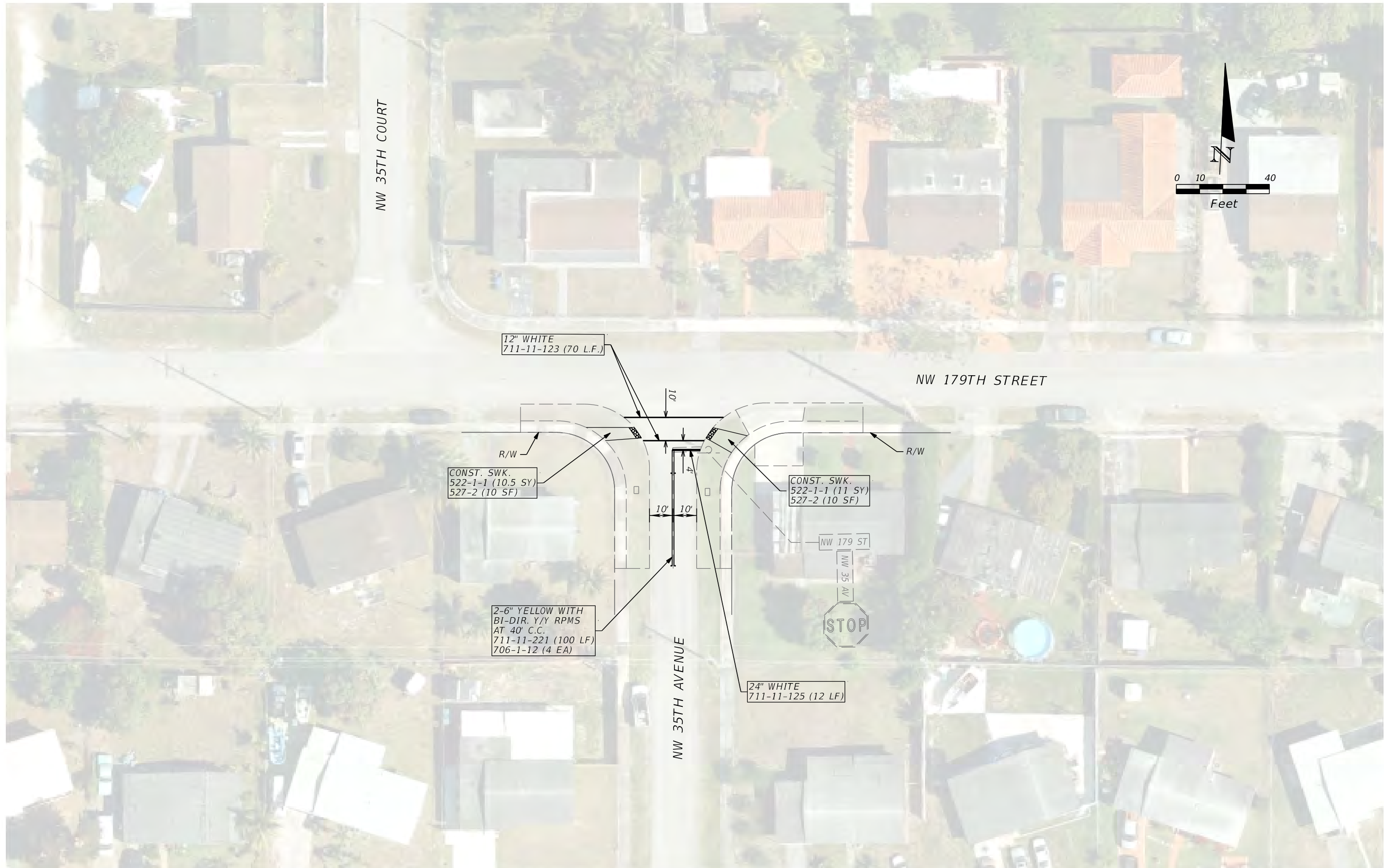
SHEET NO.
 MGS-2



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL - PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MGS-3



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL - PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MGS-4



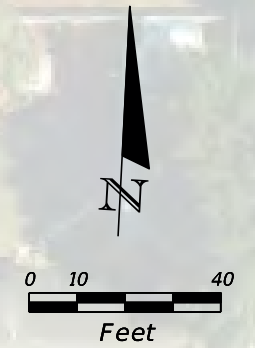
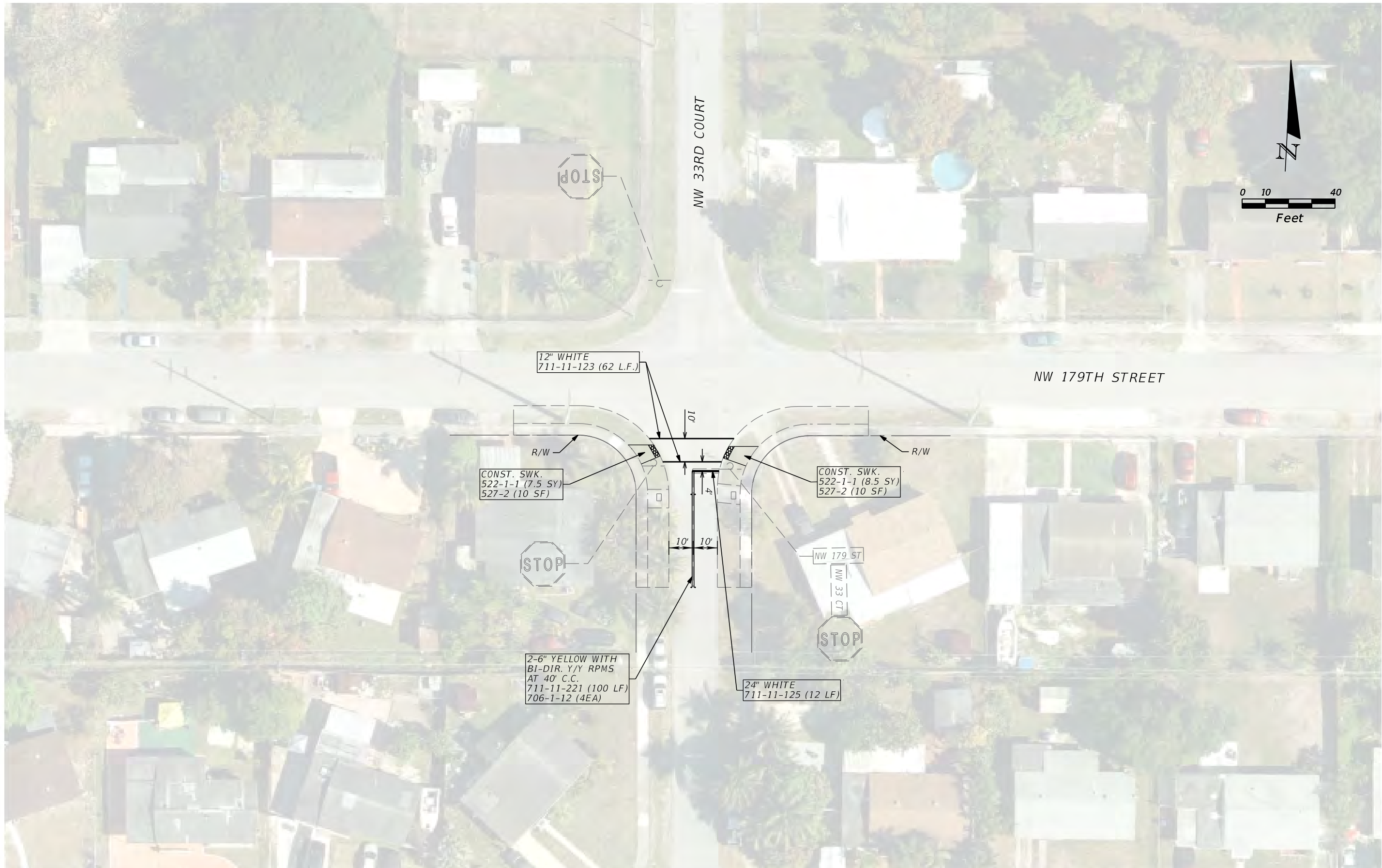
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MGS-5



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

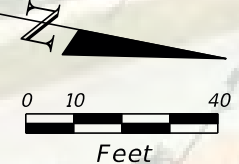
MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MGS-6



MATCH SHEET NO. 8



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

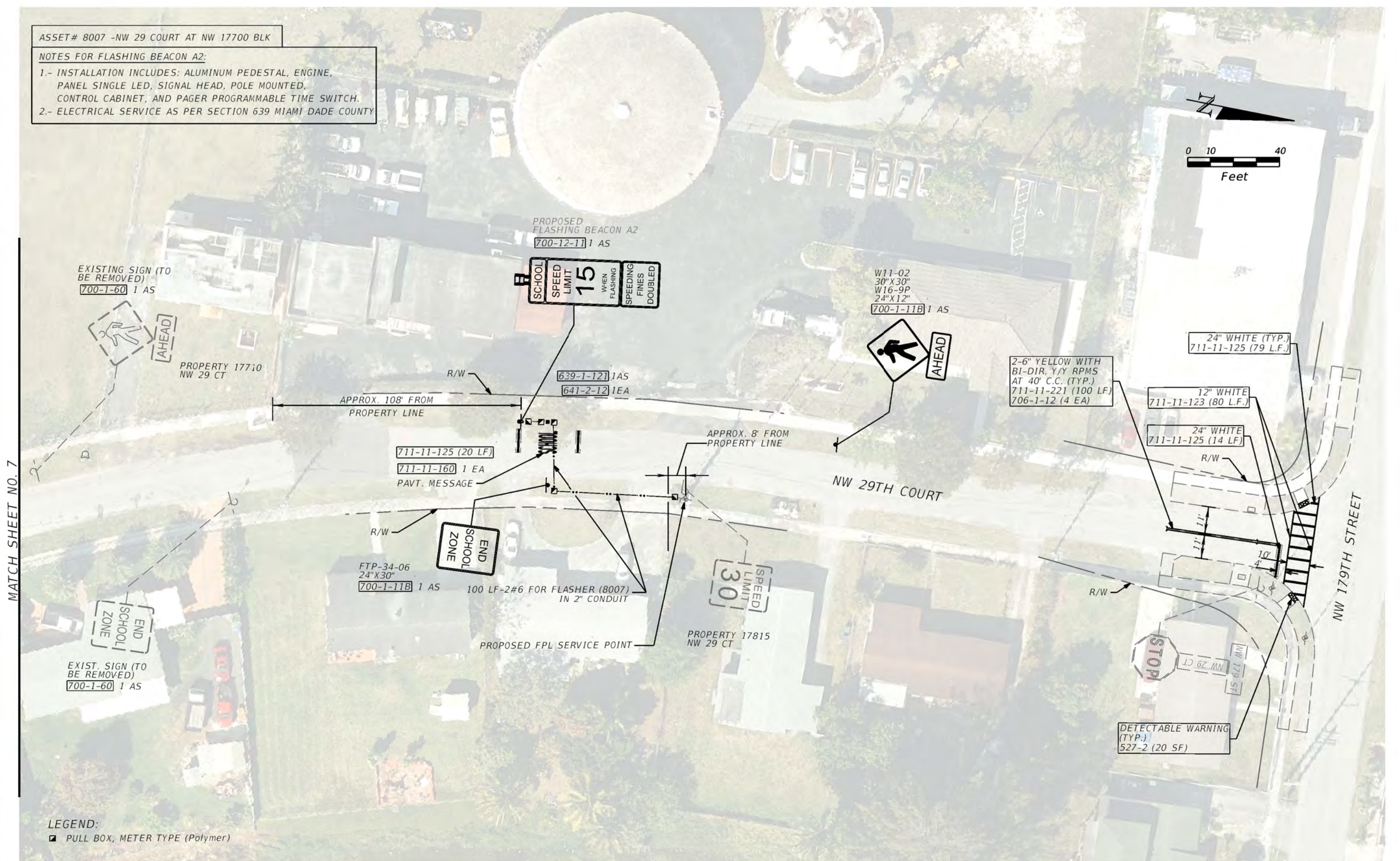
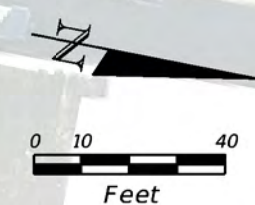
MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MGS-7

ASSET# 8007 -NW 29 COURT AT NW 17700 BLK

NOTES FOR FLASHING BEACON A2:

- 1.- INSTALLATION INCLUDES: ALUMINUM PEDESTAL, ENGINE, PANEL SINGLE LED, SIGNAL HEAD, POLE MOUNTED, CONTROL CABINET, AND PAGER PROGRAMMABLE TIME SWITCH.
- 2.- ELECTRICAL SERVICE AS PER SECTION 639 MIAMI DADE COUNTY



MATCH SHEET NO. 7

LEGEND:

- PULL BOX, METER TYPE (Polymer)

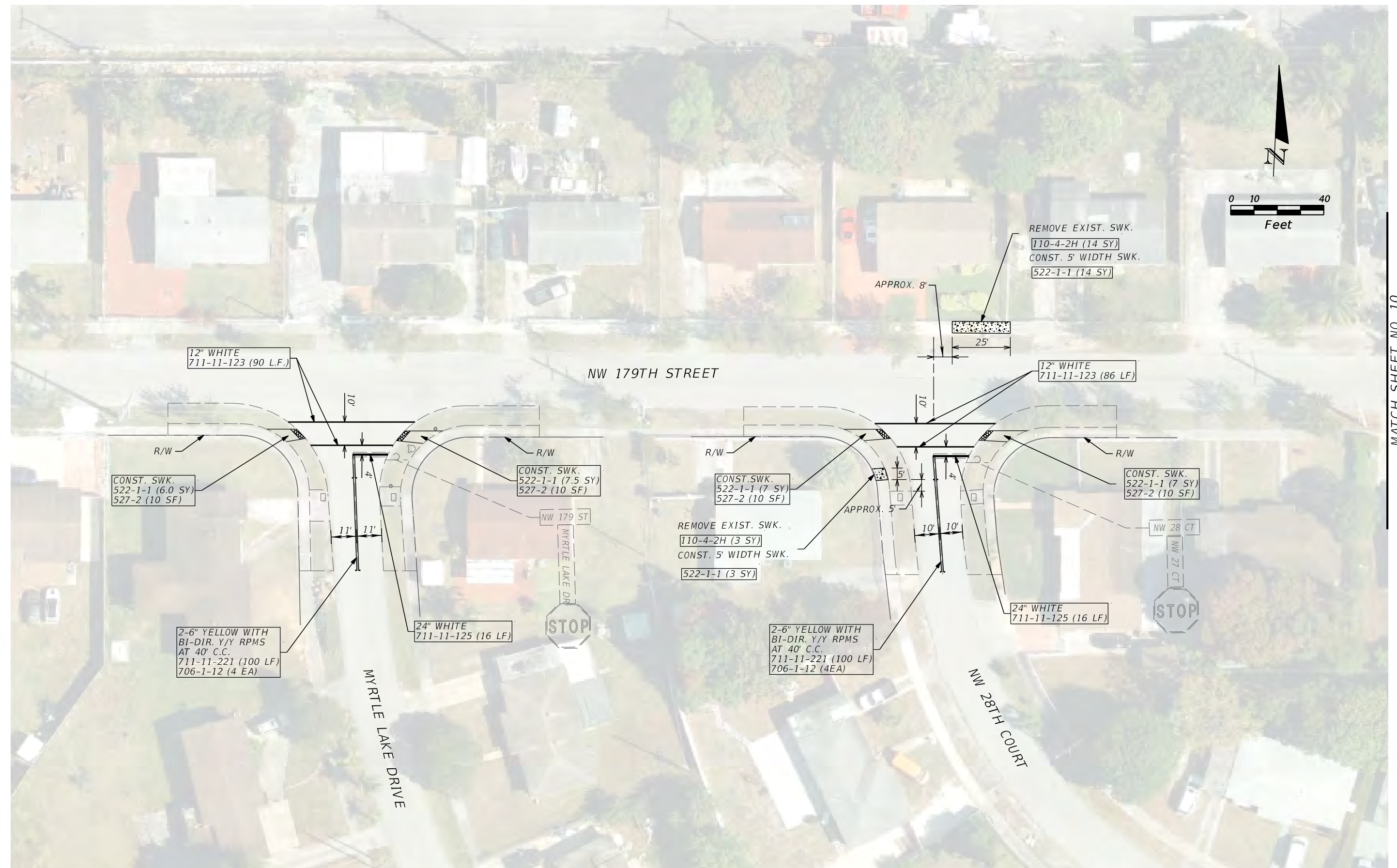
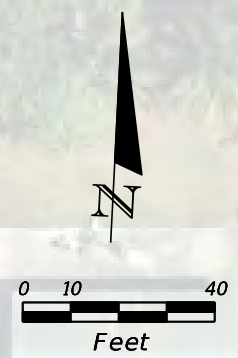
REVISIONS	
DATE	DESCRIPTION

ELMER CARDENAS
 P.E. LICENSE NUMBER 62988
 R.J. BEHAR AND COMPANY, INC.
 6861 S.W. 196 AVENUE, SUITE 302
 PEMBROKE PINES, FLORIDA 33332
 CERTIFICATE OF AUTHORIZATION 00008365

MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

MYRTLE GROVE ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 MGS-8



MATCH SHEET NO. 10

REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL - PLAN	SHEET NO. MGS-9
DATE	DESCRIPTION	DATE	DESCRIPTION				

MATCH SHEET NO. 9



REVISIONS				ELMER CARDENAS P.E. LICENSE NUMBER 62988 R.J. BEHAR AND COMPANY, INC. 6861 S.W. 196 AVENUE, SUITE 302 PEMBROKE PINES, FLORIDA 33332 CERTIFICATE OF AUTHORIZATION 00008365	MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS TRAFFIC ENGINEERING DIVISION	MYRTLE GROVE ELEMENTARY SCHOOL - PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				MGS-10

SAFE ROUTES TO SCHOOLS PROJECT FM No. 439895-1			QUANTITIES TAKEOFF		
			BUNCHE PARK ELEMENTARY		
			BP-1	BP-2	TOTAL
ITEM NO.	DESCRIPTION	UNIT			
102-1A	MAINTENANCE OF TRAFFIC	LS			
110-4-2H	REMOVAL & DISPOSE OF EXIST. CONC. SWK. (UP TO 8" THICK)	SY	51		51
334-1-11	SUPERPAVE ASPHALTIC CONC., TRAFFIC A	TN	0.5		0.5
520-2A	CONCRETE CURB AND GUTTER	LF	20		20
522-1-1	CONCRETE SIDEWALK (4") CATEGORY 1	SY	6		6
522-2-3	CONCRETE SIDEWALK (6") CATEGORY 1	SY	45		45
527-2	DETECTABLE WARNING ON WALKING SURFACE	SF	174		174
632-7-1B	TRAFFIC CONTROL CABLES (4-7 CONDUCTOR)	LF			
(*) 639-1-121	ELECTRIC POWER SERVICE, F&I, UNDERGROUND, METER FURNISHED BY POWER COMPANY	AS			
641-2-12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA			
653-1-11	PEDESTRIAN SIGNAL FURNISH & INSTALLED, LED COUNTDOWN, 1 WAY	AS			
653-1-60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL - POLE/PEDESTAL TO REMAIN	AS			
700-12-11	SIGN BEACON, F&I GROUND MOUNT-AC POWERED, ONE BEACON	AS			
700-1-11B	SINGLE POST SIGN,F&I GROUND MOUNT, UP TO 12 SF	AS	2		2
700-1-60	SINGLE POST SIGN, REMOVE	AS	2		2
700-2-60	MULTI-POST SIGN , REMOVE	AS			
706-1-12	REFLECTIVE PAVEMENT MARKERS (CLASS B, BI-DIRECT)	EA	12		12
711-11-121	THERMOPLASTIC (White) (Solid)(6")	LF			
711-11-123	THERMOPLASTIC (White) (Solid)(12")	LF	1264		1264
711-11-124	THERMOPLASTIC (White) (Solid)(18")	LF			
711-11-125	THERMOPLASTIC (White) (Solid)(24")	LF	1461	171	1632
711-11-160	THERMOPLASTIC (White)(Message)	EA			
711-11-221	THERMOPLASTIC (Yellow) (Solid)(6")	LF	300		300
711-17	REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF	682		682

(*) Includes all required conduit, electric service wire, pull boxes, meter socket, service disconnect(s), grounding, surge protective device , and miscellaneous appurtances needed for a complete installation.

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DATE	DESCRIPTION	DATE	DESCRIPTION				



SHEET NO. BP-2

SHEET NO. BP-1



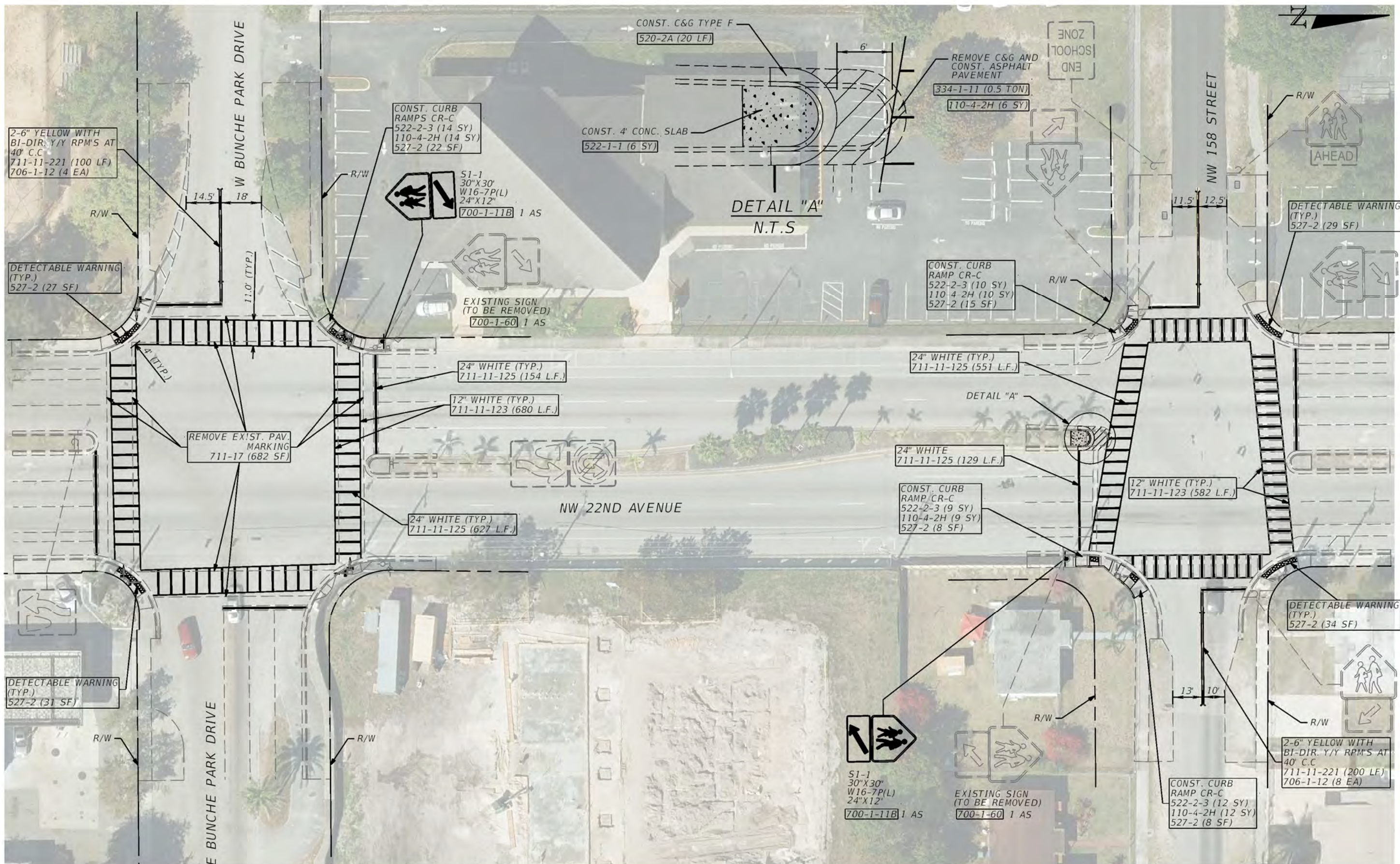
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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MIAMI-DADE COUNTY
 DEPARTMENT OF TRANSPORTATION
 AND PUBLIC WORKS
 TRAFFIC ENGINEERING DIVISION

BUNCHE PARK ELEMENTARY SCHOOL
 KEY SHEET - MAP

SHEET NO.
 BP-KEY



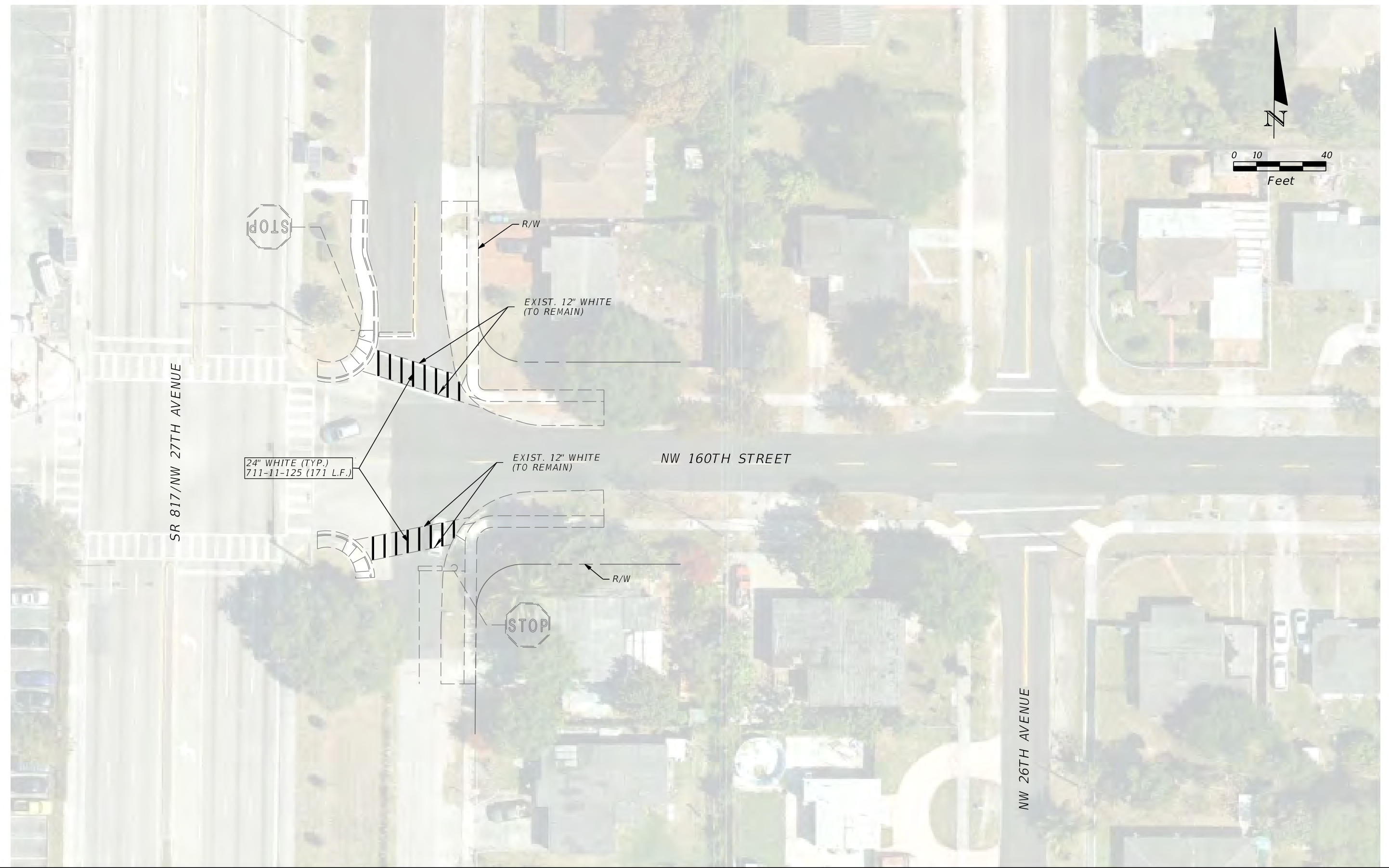
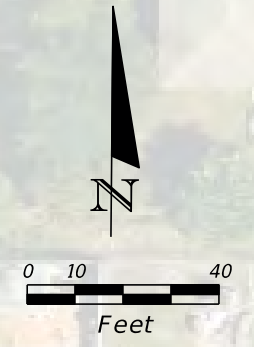
REVISIONS			
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MIAMI-DADE COUNTY
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 TRAFFIC ENGINEERING DIVISION

BUNCHE PARK ELEMENTARY
 SCHOOL - PLAN

SHEET NO.
 BP-1



REVISIONS			
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 SCHOOL - PLAN

SHEET NO.
 BP-2