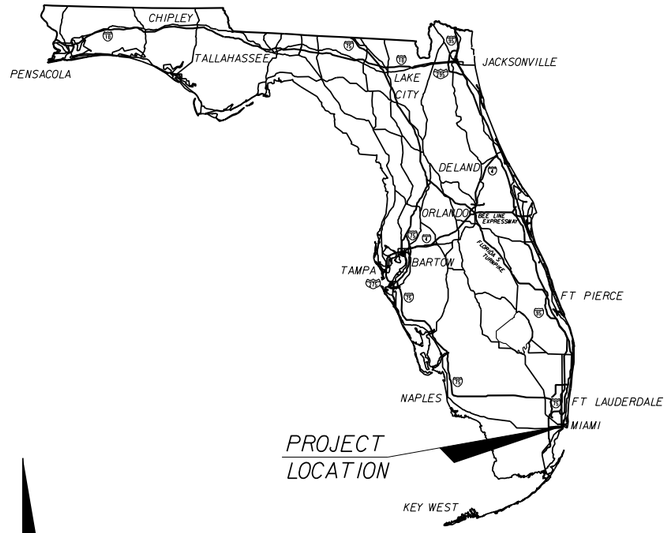
COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
LANDSCAPE PLANS

CITY OF NORTH MIAMI

CONTRACT PLANS

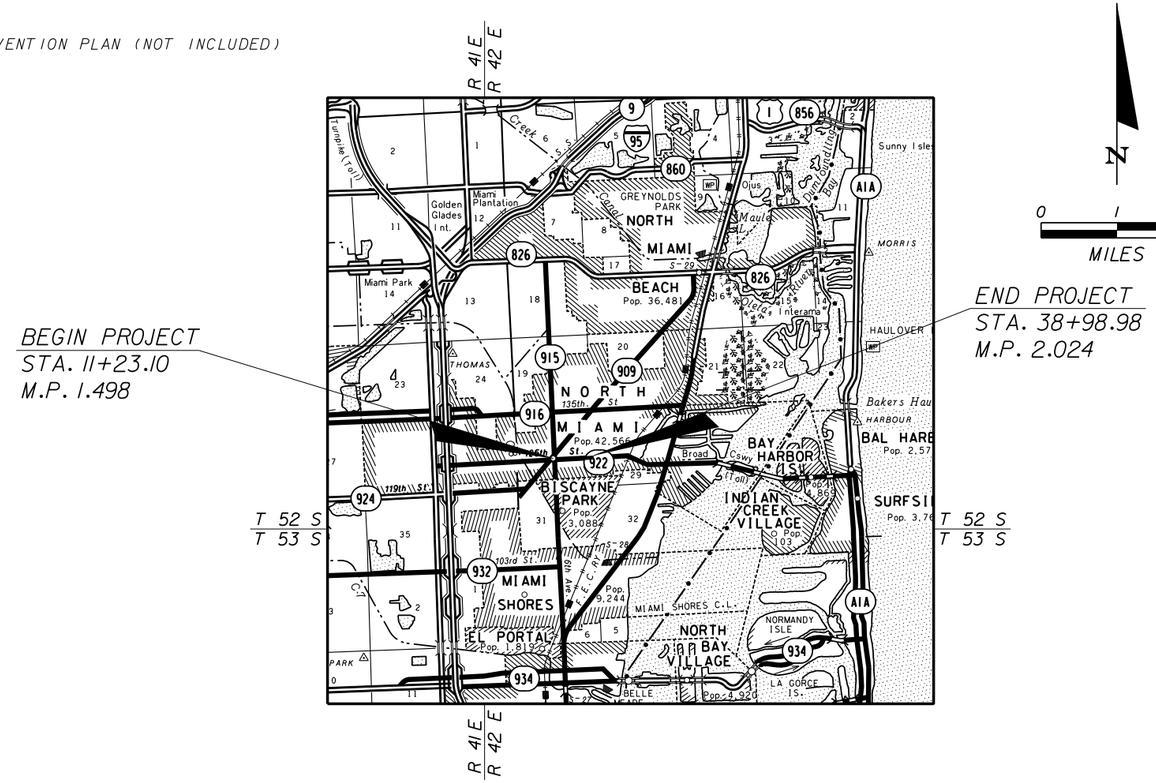
NE 125th STREET / SR-922 STREETSCAPE PHASE II
FROM NE 6th AVENUE TO NE 10th AVENUE
MIAMI-DADE COUNTY (87066)
STATE ROAD NO. 922



A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	TYPICAL SECTION
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5 - 10	ROADWAY PLANS
11	STORMWATER POLLUTION PREVENTION PLAN (NOT INCLUDED)
12 - 13	TRAFFIC CONTROL PLANS



PROJECT LENGTH IS BASED ON ℄ OF CONSTRUCTION

LENGTH OF PROJECT

	LINEAR FEET	MILES
ROADWAY	2775.88	0.526
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	2775.88	0.526
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	2775.88	0.526

CITY OF NORTH MIAMI PROJECT MANAGER: ALEEM GHANY, P.E.

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1/1/2011
For Design Standards Modifications click on "Design Standards" at the following web site:
http://www.dot.state.fl.us/rddesign/

50% SUBMITTAL
12/15/10

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

JUAN CARLOS ALCANTARA, P.E.
KEITH & SCHNARS, P.A.
10305 N.W. 41st STREET, SUITE 112
MIAMI, FL 33178

PLANS PREPARED BY:

KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337
10305 N.W. 41st Street, Suite 112 Miami, Florida. 33178 (305) 477-7667

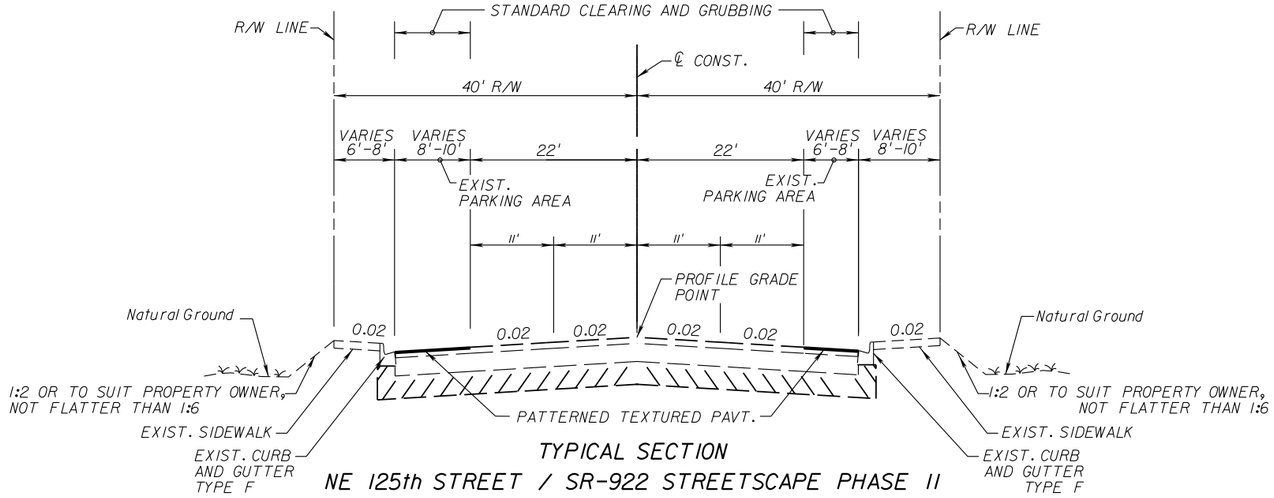
VENDOR IDENTIFICATION NO. 59-1406-307

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

ROADWAY PLANS
ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E.

P.E. NO.: 64760

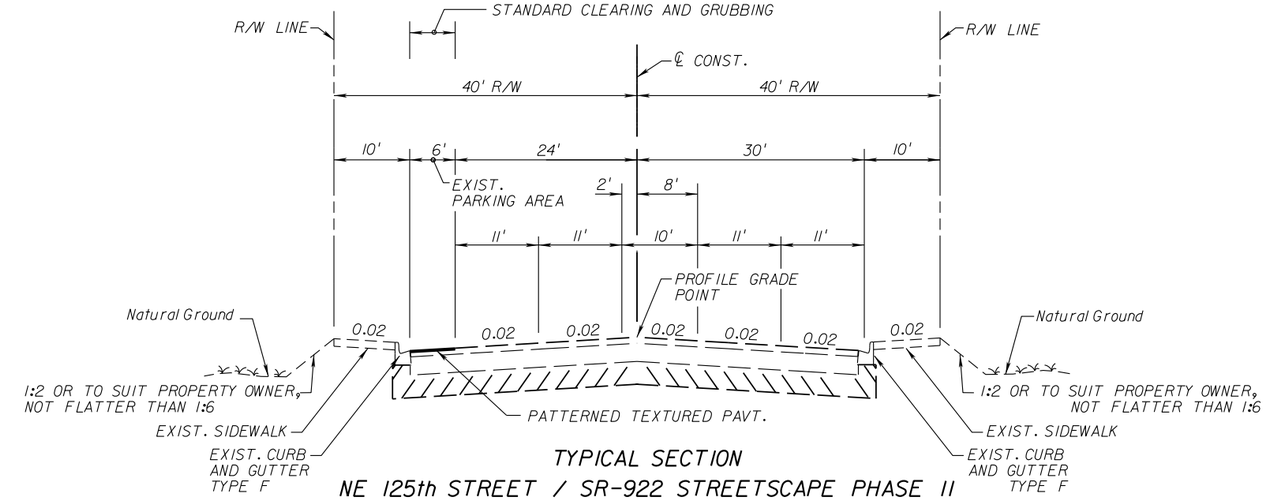
FISCAL YEAR	SHEET NO.
10	1



TYPICAL SECTION
NE 125th STREET / SR-922 STREETSCAPE PHASE II
STA. 11+23.10 TO STA. 21+45.30

PATTERNED TEXTURED PAVEMENT

PAVEWAY STS (5/32")(QPL #S523-0003)
SEE LANDSCAPE PLANS FOR PATTERN AND APPLICATION DETAILS



TYPICAL SECTION
NE 125th STREET / SR-922 STREETSCAPE PHASE II
STA. 21+45.30 TO STA. 38+98.98

PATTERNED TEXTURED PAVEMENT

PAVEWAY STS (5/32")(QPL #S523-0003)
SEE LANDSCAPE PLANS FOR PATTERN AND APPLICATION DETAILS

TRAFFIC DATA

DESIGN SPEED = 40 MPH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760
KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337
10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

TYPICAL SECTION

SHEET NO. 2

USER: mjmoshier 12/16/2010 10:55:37 AM Z:\Projects\17657.04 NE 125th Street Streetscape Phase 2\Roadway\TYPSRD01.DGN

GENERAL NOTES:

1. All Public Land Corners and Primary Network Control Survey monuments are to be protected by the Contractor. Corners and monuments within the work zone and in danger of being damaged, destroyed or covered shall be properly referenced by a registered Land Surveyor in accordance with the minimum technical standards of the Florida Board of Professional Land Surveyor prior to the beginning of work. Upon project completion the Contractor shall restore all such corners and monuments and shall furnish to the District Location Surveyor a signed and sealed copy of the Land Surveyor's reference drawing. Include all cost of referencing, restoring and preserving corners and monuments in the bid price for Item 101-1 Mobilization.

2. All excess material as designated by the Engineer is to be disposed by the Contractor in areas provided by him within 72 hours of being deposited in the construction area and at the Contractor's expense.

3. The Contractor shall use a street sweeper (using water) or other equipment capable of controlling and removing dust. Approval of the use of such equipment is contingent upon its demonstrated ability to do the work. Cleaning and sweeping is to be included in Item 102-1 Maintenance of Traffic.

4. The Contractor shall paint all stations with stenciled numbers on the face of the curb.
   A. From the beginning of the project where the curb is to remain.
   B. At new curb not later than 72 hours after being poured.
   C. Where curb does not exist and shall not be constructed the Contractor shall maintain stationing with surveying stakes.
   The Contractor shall maintain the station marks visible until final inspection. Cost to be included in related Pay Item 102-1 Maintenance of Traffic.

5. If sheeting, shoring, or dewatering, including well points are necessary, the Contractor must monitor and control all work that may cause cracking to any adjacent building, structure or property area. The Contractor shall be responsible for any damages caused by these operations. Cost of sheeting, shoring or dewatering, including well points, and all monitoring cost shall be included in the related bid items for the work being done.

6. The Contractor shall be responsible for obtaining the dewatering permit. Cost of permit and dewatering shall be included in the related bid item for the work being done.

7. The Contractor is responsible for keeping existing and new inlets clean of milling material, limerock, debris, etc. during the construction at no additional cost.

8. Existing Utilities are backfilled with flowable fill. Large chunks of excavated material shall be replaced with suitable material or processed to make them suitable for backfilling or embankment construction. Cost to be included in related bid items.

9. The Contractor shall perform selective standard clearing and grubbing for the work being done as approved by the Engineer. Cost to be included in 110-1-1, Clearing and Grubbing.

10. All station/offset callouts on plans for Type 'D' curb construction should be built to match existing pavement elevation.

DRAINAGE NOTES:

1. Existing storm sewers (pipes, French Drains and/or slab covered trenches) may remain in place if not in conflict with proposed construction. Plug open ends where needed with nonstructural concrete. Cost to be included in pay item 110-1 Clearing & Grubbing, unless otherwise stated on plans.

2. Existing storm sewers (pipes, French Drains and/or slab covered trenches) in conflict with proposed construction shall be removed. Cost of removal, disposal, backfilling and compacting shall be included in Item 110-1-1 Clearing and Grubbing as per 110-6 of Standard Specifications.

3. Existing inlets, manholes, retaining/gravity walls that are placed out of service and are not shown in plans to remain shall be removed. Cost of removal, disposal, backfilling and compacting shall be included in Pay Item 110-1-1 Clearing and Grubbing.

4. Elevations and offsets for curb inlets are given at the edge of pavement.

UTILITIES NOTES:

1. For utility adjustment symbols, see standard index no.002.

2. All existing utilities are to remain unless otherwise noted.

3. Two full business days prior to digging the Contractor shall call Sunshine State One Call of Florida, telephone number 811, and the utility owner and request utility locations. A Contractor's representative must be present when utility companies locate their facilities.

4. Two full business days prior to digging notify the Engineer and call FDOT Maintenance Department, telephone number (305)650-0082 and request lighting conduits locations.

5. The Contractor is advised that properties adjacent to the project have electric, telephone, gas, water and/or sewer service laterals which may not be shown in plans. The Contractor must request the location of these lateral services from the utility companies. The additional cost of excavating, installing, backfilling and compacting around these lateral services must be included in the bid related item for the work being done.

UTILITY OWNER	CONTACT	TELEPHONE NUMBER
ATT / T	Nancy Spence	(770) 918-5424
ATT / Distribution	Steve Massie	(305) 222-8745
Comcast Cable	Leonard Maxwell-Newbold	(305) 895-9834
City of North Miami	Wisler Pierre-Louis	(305) 787-1008
Public Works - MDC	Aurelio Del Valle	(305) 592-8925
FPL	Tracy Stern	(800) 868-9554
FPL Fibernet LLC	Danny Haskett	(305) 552-2931
Miami Dade Water Sewer	Phillip Torres	(786) 268-5214
TECO Peoples Gas	Yvonne Goldman	(954) 453-0824

SIGNING & PAVEMENT MARKING NOTES:

1. All signing and pavement markings installed as part of these plans shall conform to the 2009 edition of the Federal Highway Administration (FHWA) Manual of Uniform Traffic Control Devices for street and highways, Florida Department of Transportation Design Standards. All sign panels shall be fabricated to comply with the most recent edition of the Federal Highway and Administration Standard Highway Signs.

2. The Contractor shall match existing pavement markings at the beginning and the end of the project and at all side streets without jogs and offsets.

3. The Contractor shall install raised blue pavement markers fronting all Fire Hydrants as per 2009 MUTCD standards.

4. Incorrectly placed (thermoplastic or) paint markings over friction course will be removed by milling and replacing the friction course a minimum width of 0.5 meters (18 in) at the Contractor's expense. The Engineer may approve an alternative method if it can be demonstrated to completely remove the markings without damaging the asphalt.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760
KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO.1337
10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

GENERAL NOTES

SHEET NO. 3

PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
102-60	WORK ZONE SIGN	ED	36
102-74-1	BARRICADE, TYPE II	ED	140
102-76	ADVANCE WARNING ARROW PANEL	ED	6
102-77	HIGH INTENSITY FLASHING LIGHT, TEMPORARY, TYPE B	ED	18
520-2-4	CONCRETE CURB, TYPE D	LF	1288

* ADDITIONAL QUANTITIES ARE CONTINGENT, TO BE USED AS DIRECTED BY THE ENGINEER AND HAVE BEEN INCLUDED IN THE TOTAL QUANTITY AMOUNT SHOWN ON THE SUMMARY OF PAY ITEMS.

REVISIONS			
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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SUMMARY OF QUANTITIES

SHEET NO. 4

N

0 10 40

Feet

BEGIN PROJECT
STA. 11+23.10

WEST DIXIE HIGHWAY

SEE LANDSCAPE PLANS FOR PATTERNED TEXTURED PAVEMENT CROSSWALK & PARKING LANE DETAILS

CONST. TYPE 'D' CURB

NEW PLANTERS (BY OTHERS) (TYP.)

EXIST. AT&T IN 16- 1/2" HDPE

R/W LINE

+21.33 29.53' LT

BE 4-1 1/2" HDPE -Conduits BE

℄ OF CONSTRUCTION

NE 125th STREET

N 86° 59' 37" E

N 87° 01' 23" E

10 11 12 13 14 15

10+00 11+00 12+00 13+00 14+00 15+00

0+00 1+00 2+00

10'

+21.33 29.53' LT
+31.33 29.58' LT
+77.11 29.70' LT
+87.11 29.71' LT
+33.64 29.76' LT
+43.64 29.77' LT
1'R (TYP.)
+22.37 19.53' LT
+30.37 19.57' LT
+77.12 20.65' LT
+86.12 19.71' LT
+34.65 21.77' LT
+42.65 21.77' LT

℄ OF SURVEY

NE 6th AVENUE

N.E. 6TH CT

NEW PLANTERS (BY OTHERS) (TYP.)

R/W LINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 5

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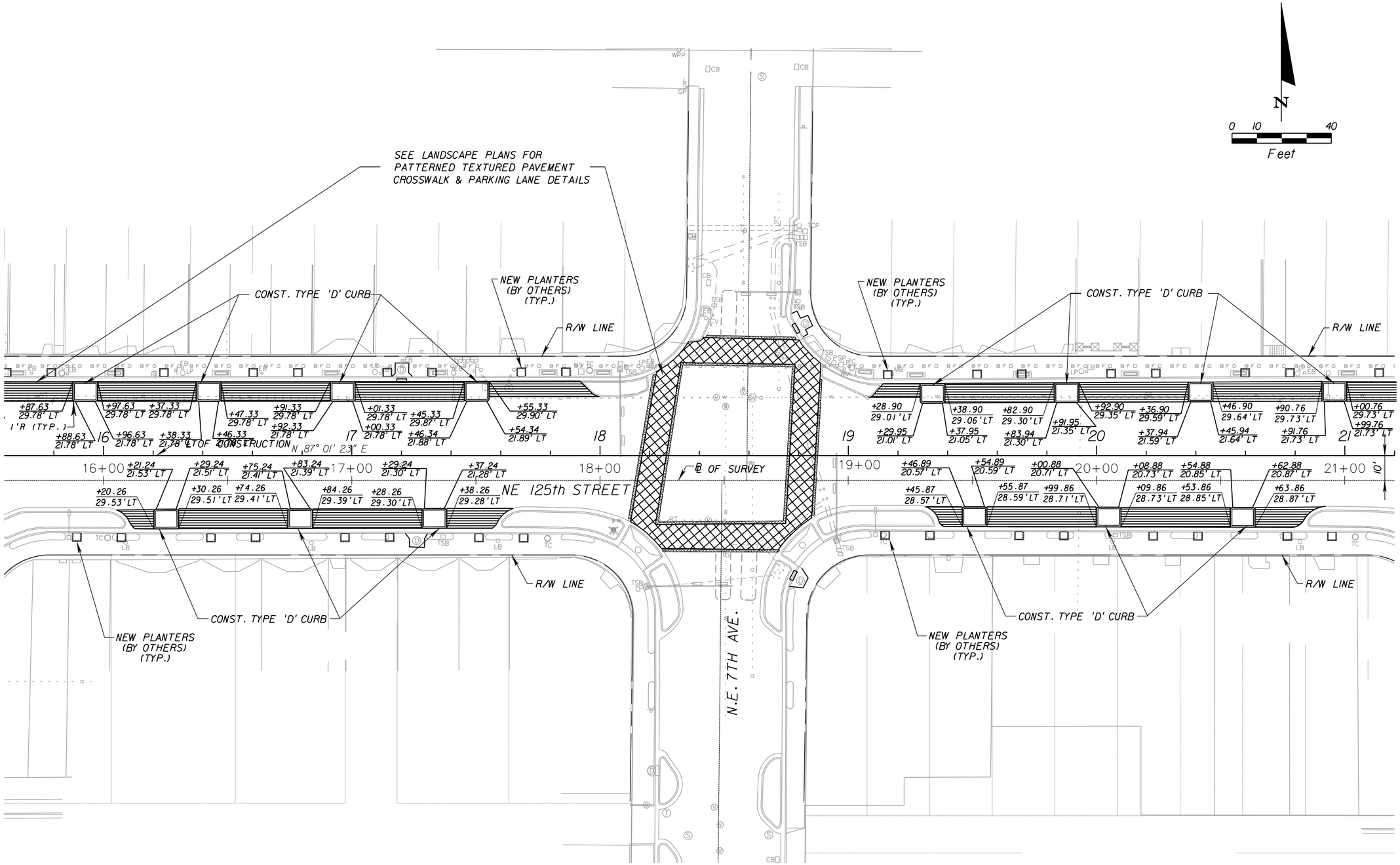

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 6

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N

0 10 40

Feet

SEE LANDSCAPE PLANS FOR PATTERNED TEXTURED PAVEMENT CROSSWALK & PARKING LANE DETAILS

NEW PLANTERS (BY OTHERS) (TYP.)

CONST. TYPE 'D' CURB

R/W LINE

CONST. TYPE 'D' CURB

NEW PLANTERS (BY OTHERS) (TYP.)

CONST. TYPE 'D' CURB

R/W LINE

+66.34 29.73' LT
+76.34 29.73' LT
+44.34 29.73' LT
+45.33 21.73' LT
+53.33 21.73' LT
+75.33 23.73' LT
+67.33 23.73' LT
+54.34 29.73' LT
+20.76 29.74' LT
+21.76 23.74' LT
+30.76 29.75' LT
+29.76 23.75' LT
+76.16 29.78' LT
I'R (TYP.)
+77.17 23.78' LT
+86.16 29.78' LT
+85.17 23.78' LT
+28.74 29.81' LT
+29.75 23.81' LT
+38.74 29.82' LT
+37.75 23.82' LT
+82.74 29.88' LT
+83.77 23.89' LT
+92.74 29.92' LT
+91.78 23.92' LT
+36.74 30.09' LT
+37.77 24.09' LT
+46.74 30.13' LT
+45.78 24.12' LT
+18.93 30.93' LT
+19.96 22.93' LT
+28.93 30.96' LT
+27.96 22.96' LT
+72.90 31.00' LT
+73.90 23.00' LT

22 23 24 25 26

N 87° 01' 23" E

22+00 23+00 24+00 25+00 26+00

℄ OF CONSTRUCTION

℄ OF SURVEY

10'

NE 125th STREET

N.E. 7TH CT.

N.E. 8TH AVE.

NEW PLANTERS (BY OTHERS) (TYP.)

NEW PLANTERS (BY OTHERS) (TYP.)

R/W LINE

R/W LINE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 7

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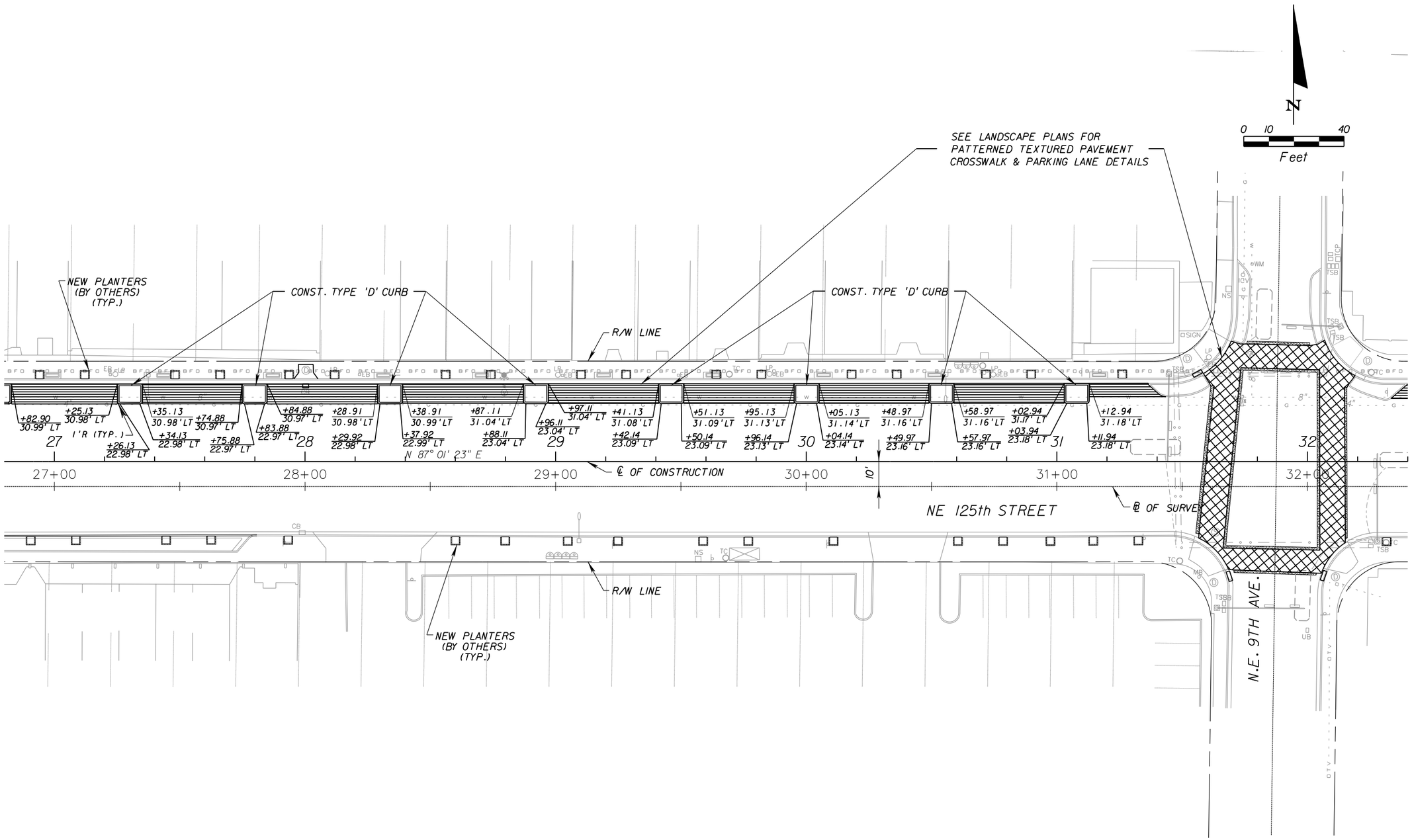

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 8

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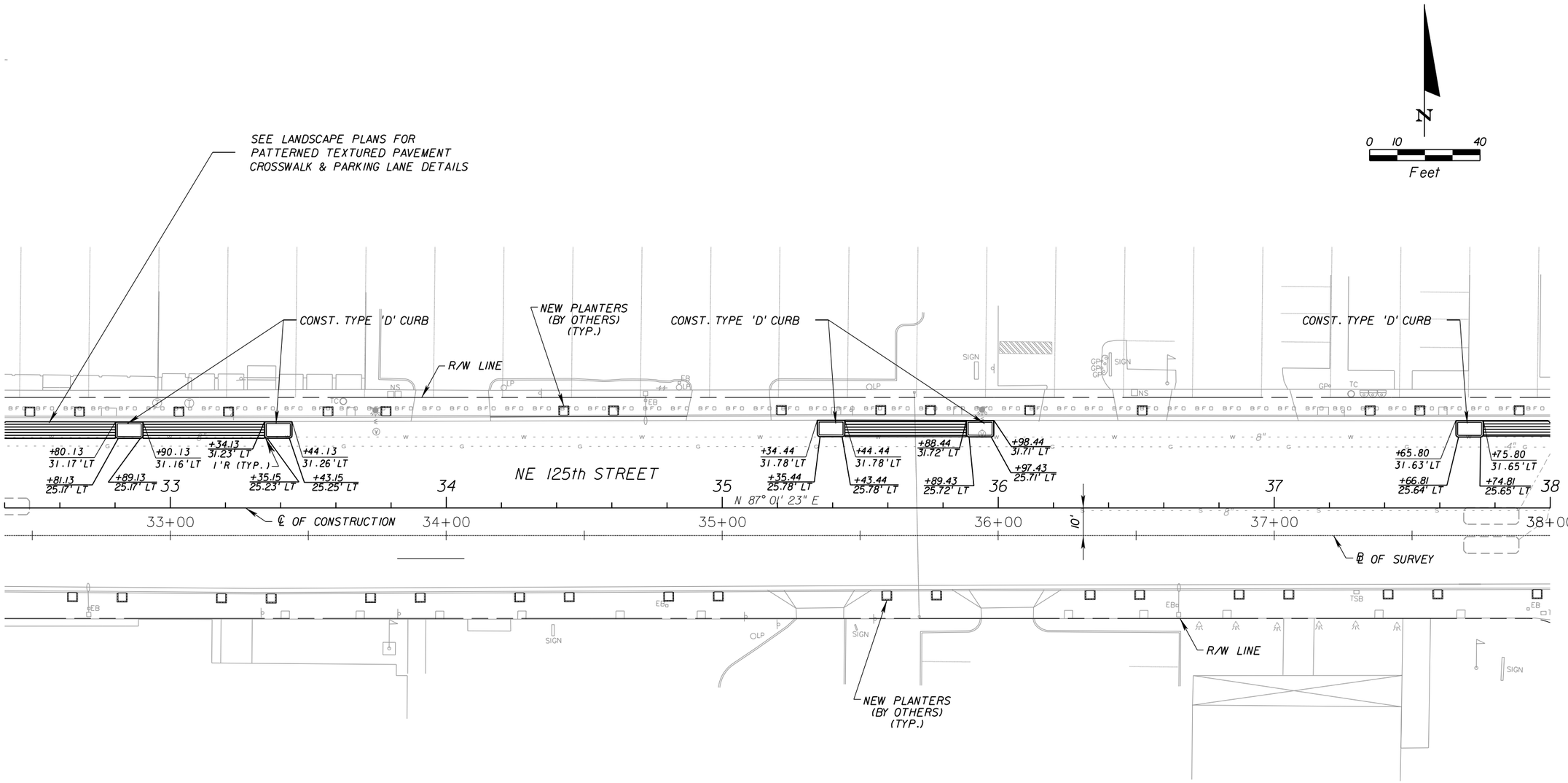

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

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10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 9

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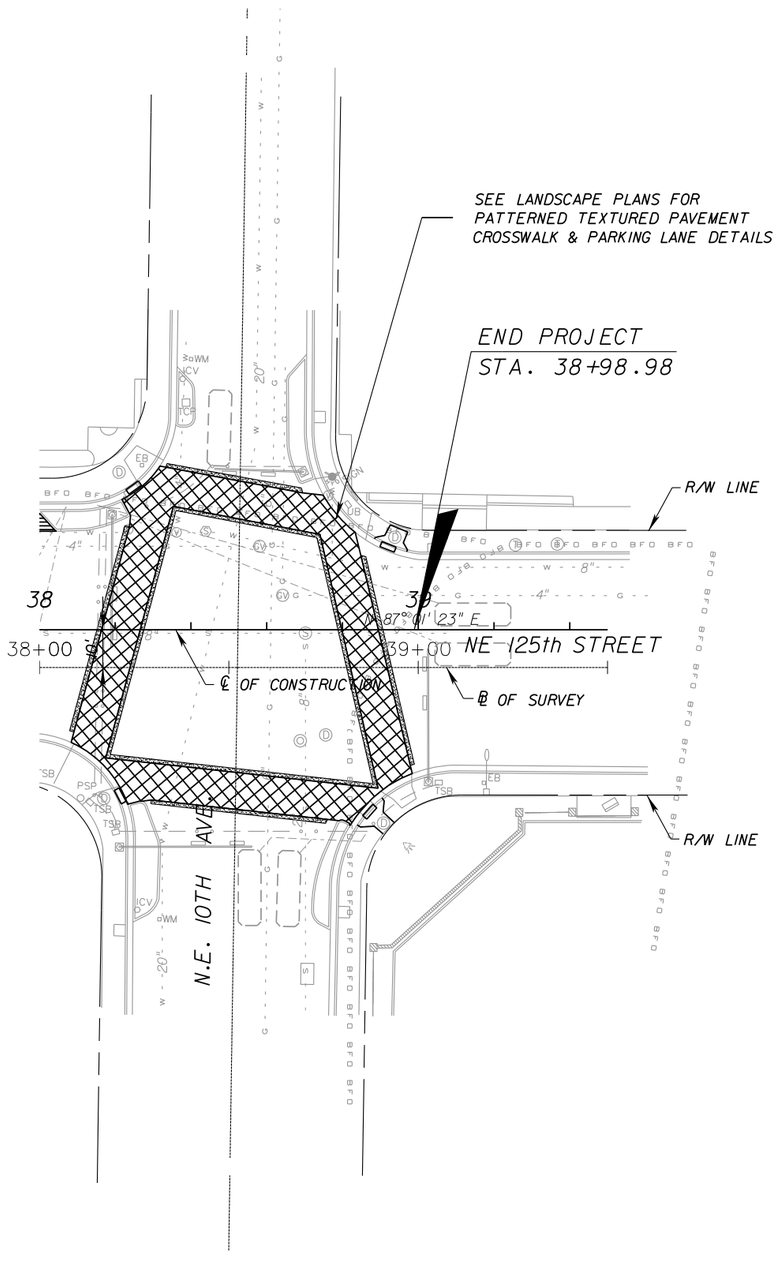

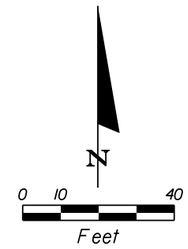

REVISIONS			
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ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760
KEITH and SCHNARS, P.A.
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10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

ROADWAY PLANS

SHEET NO. 10

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1. Traffic controls shall be in accordance with the project plans, the current edition of the Florida DOT Design Standards (600 series), the Standard Specification for Road and Bridge Construction, and the Manual on Uniform Traffic Control Devices. (2009 edition) as minimum criteria. Traffic.

2. The contractor shall immediately repair all potholes that develop within the project limits and will maintain a supply of cold mix on the project site to expedite those repairs. Cost of repair to be included in Pay Item 102-1, Maintenance of

3. Notification of lane closures or temporary detours shall be accomplished 14 working days prior to closure, detour or MOT phase change by submitting the required Lane Closure Form, sketches, calculations, and other data through the Engineer to the District Traffic Operations Office.

4. At the discretion of the Engineer, if a lane closure causes extended congestion or delay, the Contractor shall be directed to reopen the closed lane(s) until such time that the traffic flow has returned to an acceptable level.

5. 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 area.

6. Lane closure shall occur only during non-peak hours on non-event days/nights/weekends. Non-peak hours are: 7:30 PM to 7:00 AM weekdays and weekends

7. Traffic Control Plans for Phases I, AND II are designed for non-peak hours only. The Contractor shall keep all existing lanes open during peak hours in these phases.

8. Regulatory speed established within work zone travel ways shall be 35 M.P.H. Reduced speed and regulatory speed signs shall be installed on separate posts in accordance with the standard indexes.

9. As determined by the Engineer, the Contractor shall cover work zone signs when conditions no longer warrant their use. Cost of covering and uncovering the signs shall be included in Pay Item 102-1, Maintenance of Traffic.

10. 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, relocating, covering and restoring the signs shall be included in Pay Item 102-1, Maintenance of Traffic.

11. The Contractor shall not propose an alternative Traffic Control Plan that reduces the number of travel lanes shown on the contract Traffic Control Plans.

12. Each existing street name and STOP sign affected by construction shall be relocated and maintained in an appropriate location for the duration of the project. When no longer affected by construction, these signs shall be restored to their original position. Cost of temporarily relocating and restoring the signs shall be included in Pay Item 102-1, Maintenance of Traffic.

13. Contractor shall be responsible for the immediate removal of storm water from roadways utilized for maintaining traffic in a manner approved by the Engineer. Cost for removing the water shall be included in Pay Item 102-1, Maintenance of Traffic.

14. Two Construction Information Signs are required for this project. Cost of the signs is included in the Pay Item 102-1 - Maintenance of Traffic.

DROP OFFS:

15. For drop offs, the Contractors attention is directed to Standard Index No. 600, Sheet 10 of 13. The Contractor shall use shoulder treatment detail when no barriers are required in the plans.

MARKINGS:

16. Cost of removal of Work Zone Pavement Markings (including paint, removable tape and markers), regardless of method, to be included in the related pavement marking/markers pay items. Cost of removal of pavement markings and markers, existing prior to construction, to be included in Maintenance of Traffic, LS. Use of black paint to cover existing and/or temporary pavement markings is prohibited. Grinding or milling shall only be permitted in non-traffic areas.

17. Temporary lane transitions, shifts, and crossovers shall have solid lane and edge lines for the length of the transition, shift or crossover. In addition, solid lane and edge lines shall extend 100 ft (30 meters) on tangent beyond each end of the transition, shift, or crossover. Exception shall be through intersections where 2-4 ft skip lines will be placed.

18. All temporary stripes and markings shall be paint only, unless otherwise specified on the plans or approved by the Engineer.

19. Temporary Raised Pavement Markers (RPMs) shall be installed on the edge, center, and lane lines of all crossovers, transitions, and tangent sections within the work zone where the vehicle paths are altered. The spacing for these RPMs shall be 40 ft on centers for tangent sections and 5 ft for transitions, curves, and crossovers. The RPMs shall extend 100 ft on the tangent section beyond each end of these crossovers or transition areas.

INTERSECTIONS:

20. M.O.T. transitions and temporary intersection crossovers where construction has caused grade differences between the existing and new roadways shall be constructed using a 1:20 Type SP Asphalt Concrete slope to accommodate vehicular traffic from any direction. All material and work, including its removal, shall be included in Pay Item 102-1, Maintenance of Traffic.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

21. At the end of each work day or whenever the work zone becomes inactive, any drop off greater than 6 in adjacent to the pedestrian, bicycle, and wheelchair travel paths shall be backfilled flush with the said paths or protected with temporary fence, concrete barrier wall or approved handrail. Cost shall be included in Pay Item 102-1, Maintenance of Traffic.

22. Construction activities that involve sidewalks on both sides of the street are not allowed unless approved by the Engineer.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760
KEITH and SCHNARS, P.A.
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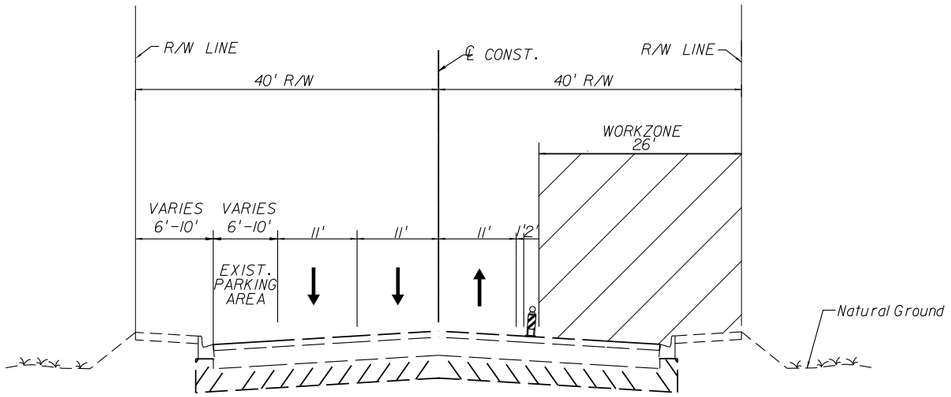
CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

TRAFFIC CONTROL PLANS

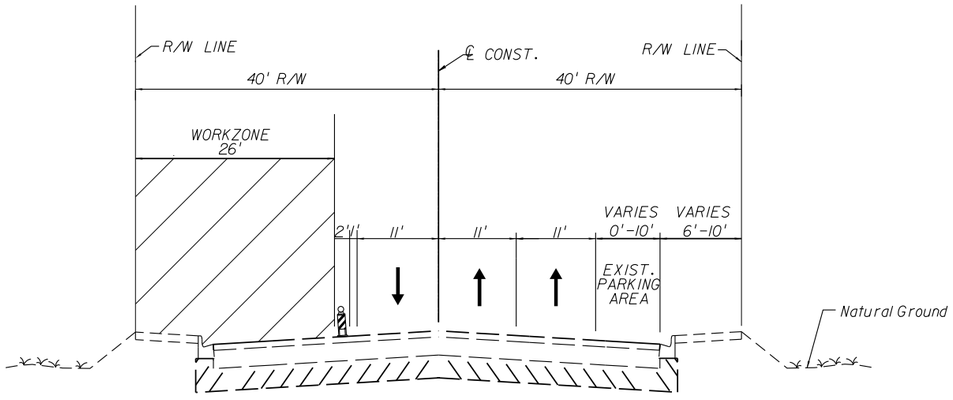
SHEET NO. 12



PHASE I

INTENT: TO CONSTRUCT BULB OUTS, LANDSCAPING, IRRIGATION AND TEXTURED PAVEMENT FOR SOUTHBOUND PARKING SPACES.

1. PLACE ADVANCED WARNING SIGNS, AND TYPE II BARRICADES PER INDEX 613.



PHASE II

INTENT: TO CONSTRUCT BULB OUTS, LANDSCAPING, IRRIGATION AND TEXTURED PAVEMENT FOR SOUTHBOUND PARKING SPACES.

1. PLACE ADVANCED WARNING SIGNS, AND TYPE II BARRICADES PER INDEX 613.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

CERTIFICATE OF AUTHORIZATION NO. 1337

10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

TRAFFIC CONTROL PLANS

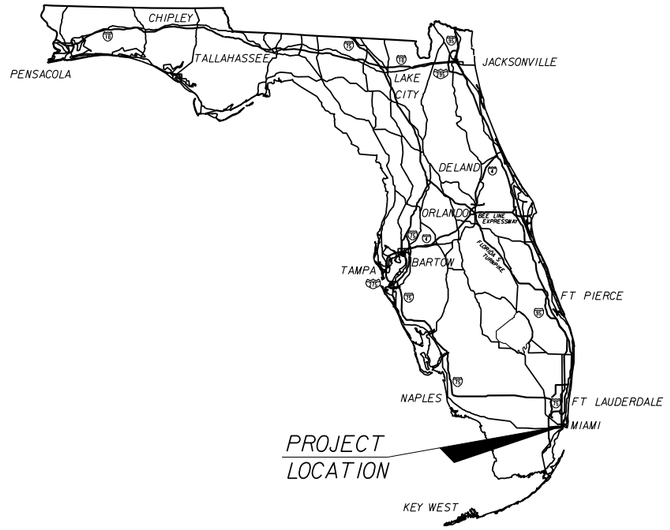
SHEET NO. 13

CITY OF NORTH MIAMI

CONTRACT PLANS

NE 125th STREET / SR-922 STREETSCAPE PHASE II
FROM NE 6th AVENUE TO NE 10th AVENUE
MIAMI-DADE COUNTY (87066)
STATE ROAD NO. 922

SIGNING AND PAVEMENT MARKING PLANS



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SUMMARY OF QUANTITIES
S-3 - S-8	PLANS SHEETS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2010,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 1/1/2011
For Design Standards Modifications click on
"Design Standards" at the following web site:
http://www.dot.state.fl.us/rddesign/

SIGNING AND PAVEMENT MARKING SHOP DRAWINGS
TO BE SUBMITTED TO:

JUAN CARLOS ALCANTARA, P.E.
KEITH & SCHNARS, P.A.
10305 N.W. 41st STREET, SUITE 112
MIAMI, FL 33178

PLANS PREPARED BY:

KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337
10305 N.W. 41st Street, Suite 112 Miami, Florida. 33178 (305) 477-7667

VENDOR IDENTIFICATION NO. 59-1406-307

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E.

P.E. NO.: 64760

CITY OF NORTH MIAMI PROJECT MANAGER: ALEEM GHANY, P.E.

FISCAL YEAR	SHEET NO.
10	S-1

PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY
711-11-111	THERMOPLASTIC, (WHITE) (SOLID) (6")	NM	0.608

* ADDITIONAL QUANTITIES ARE CONTINGENT, TO BE USED AS DIRECTED BY THE ENGINEER AND HAVE BEEN INCLUDED IN THE TOTAL QUANTITY AMOUNT SHOWN ON THE SUMMARY OF PAY ITEMS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

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CERTIFICATE OF AUTHORIZATION NO. 1337

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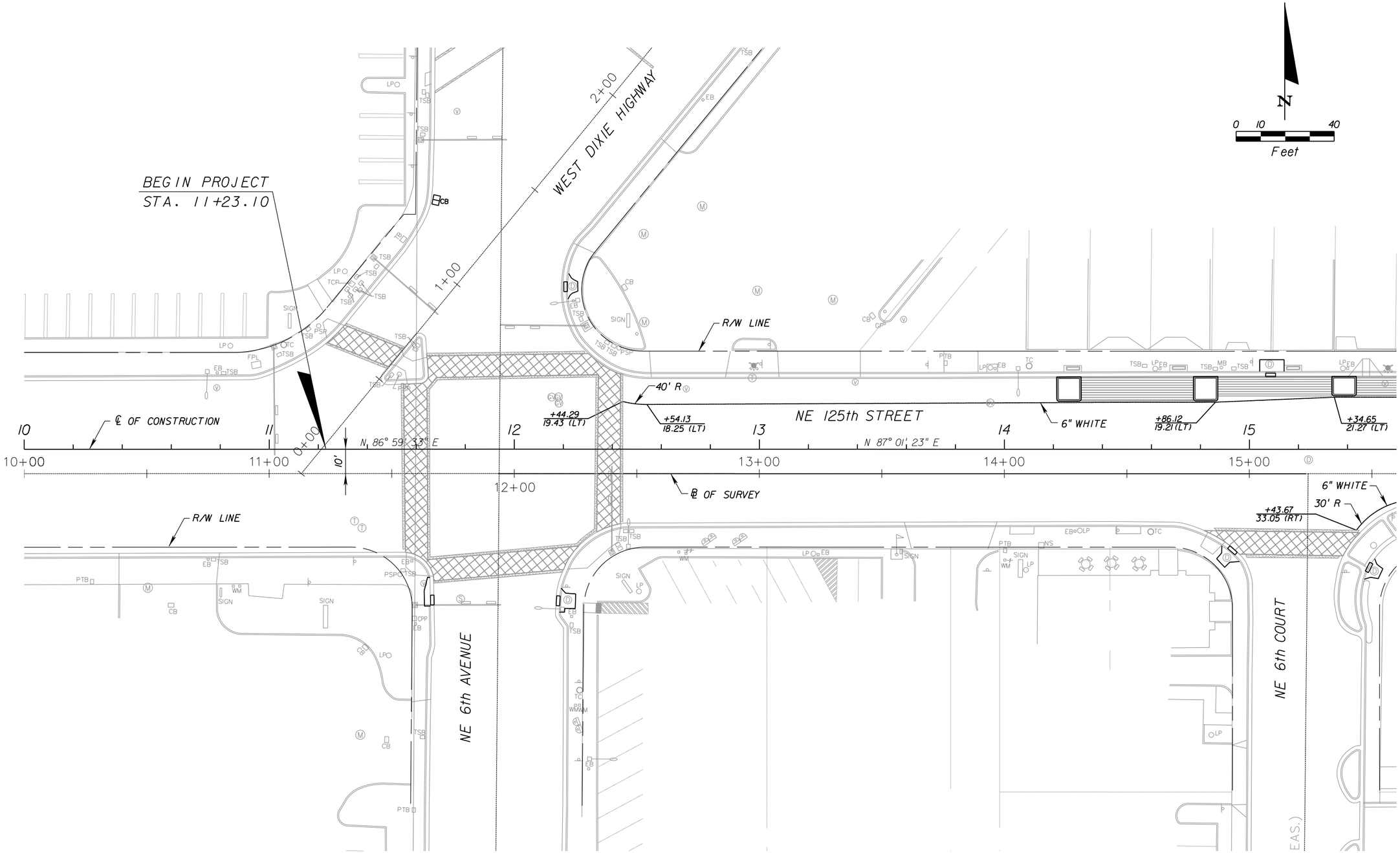
CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SUMMARY OF QUANTITIES

SHEET NO. S-2



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337

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CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
S-3

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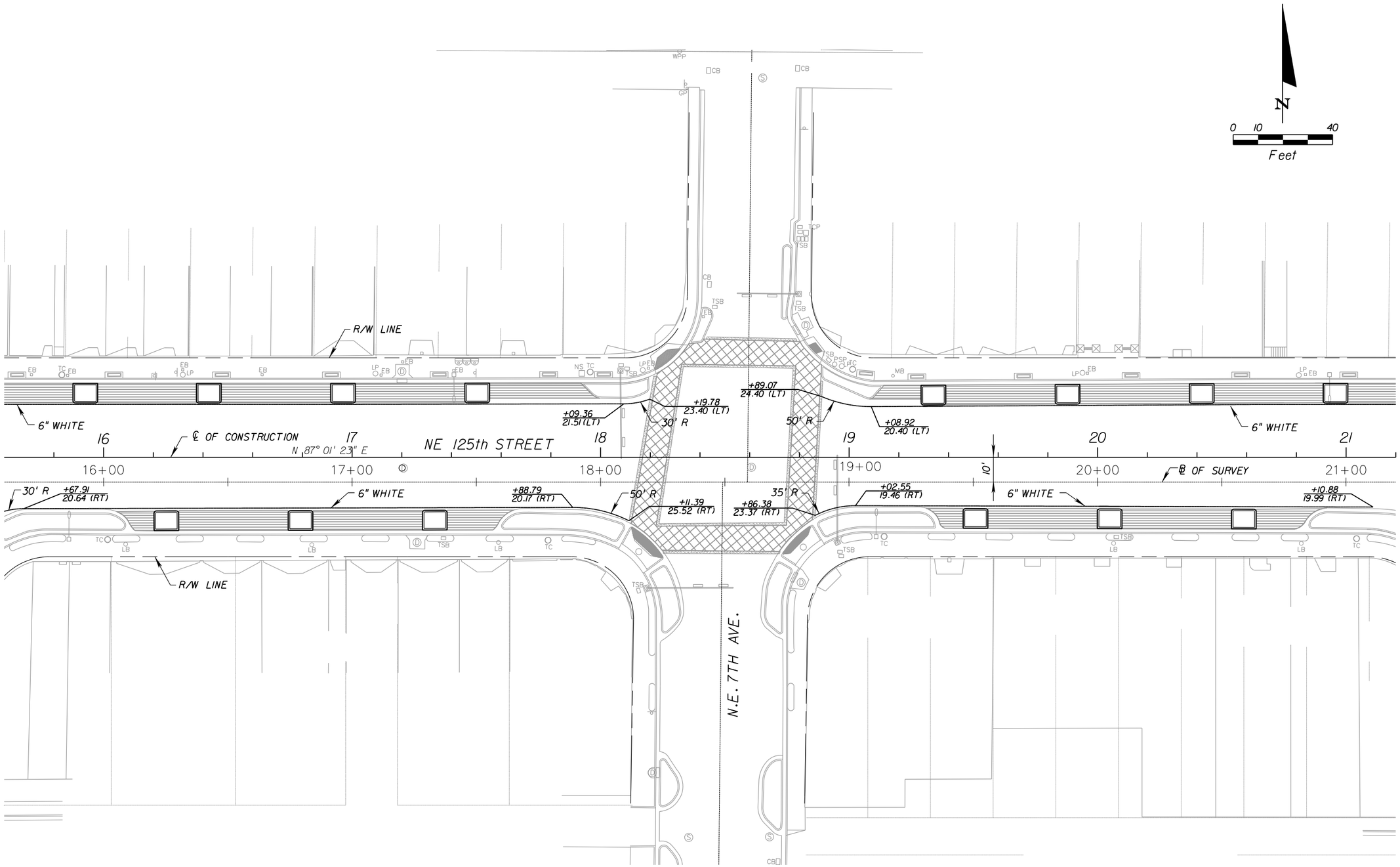

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

CERTIFICATE OF AUTHORIZATION NO. 1337

10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-4

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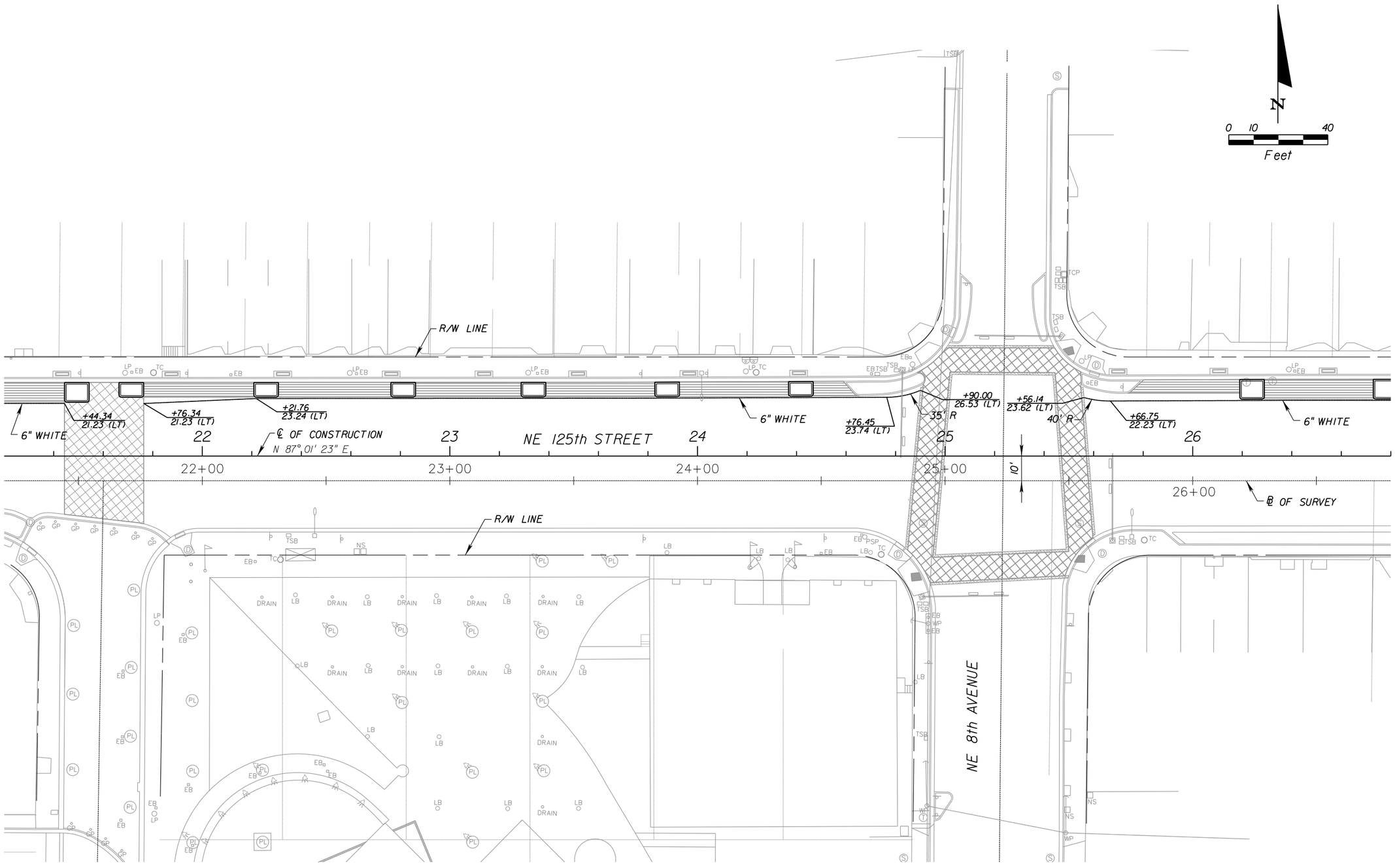

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

CERTIFICATE OF AUTHORIZATION NO. 1337

10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-5

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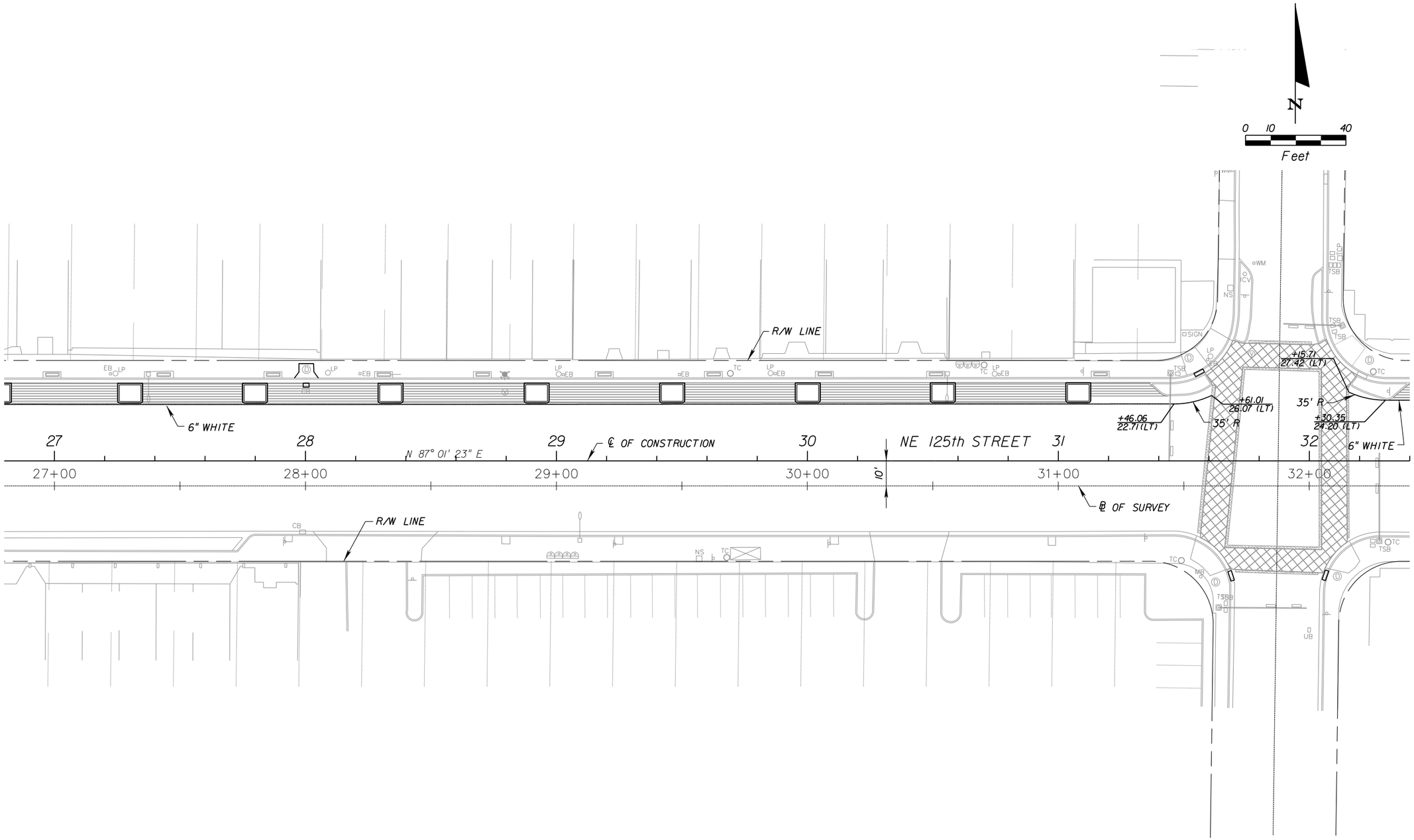

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.

ENGINEERS, PLANNERS, SURVEYORS

CERTIFICATE OF AUTHORIZATION NO. 1337

10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-6

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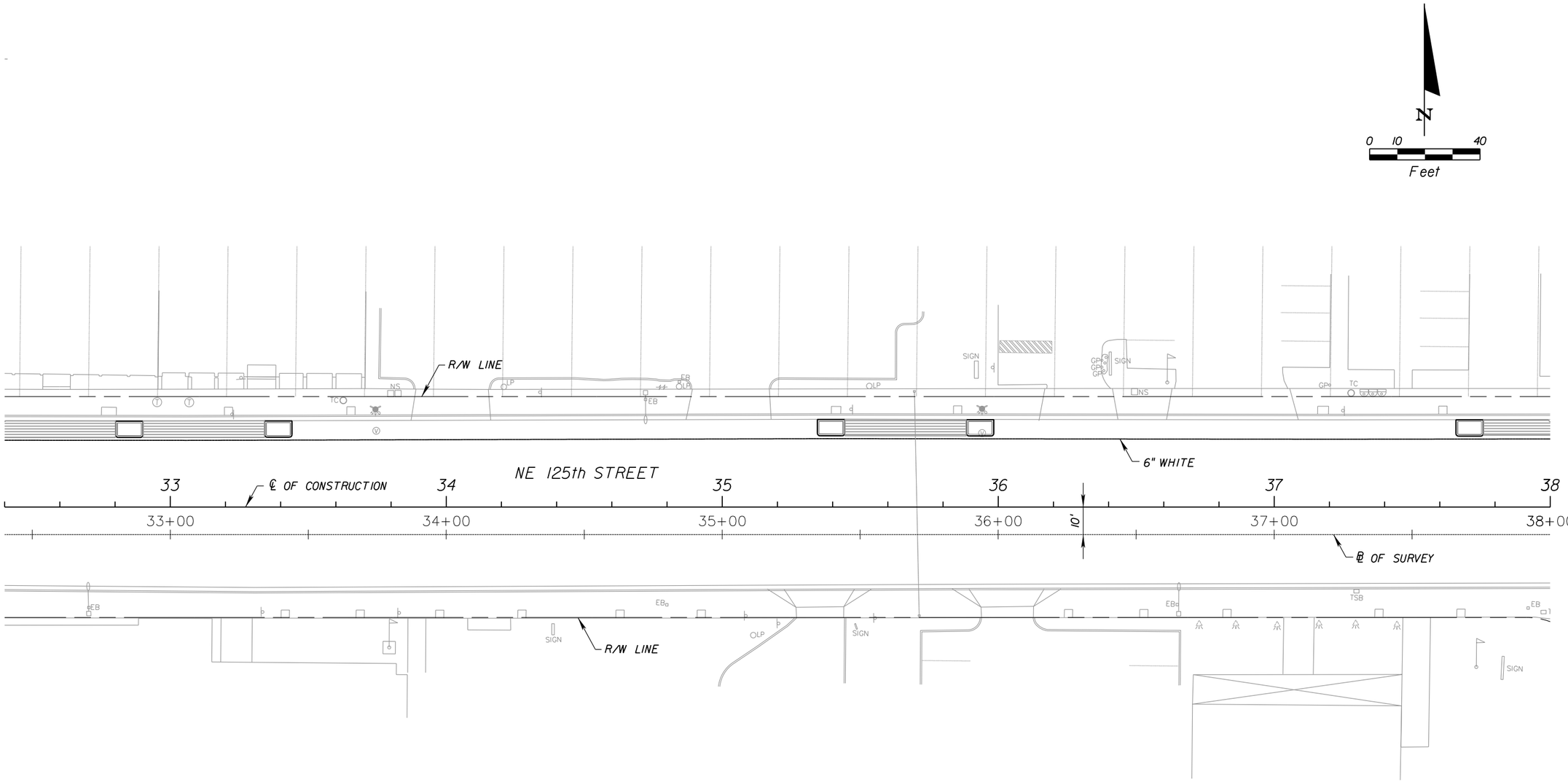

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760

KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337

10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-7

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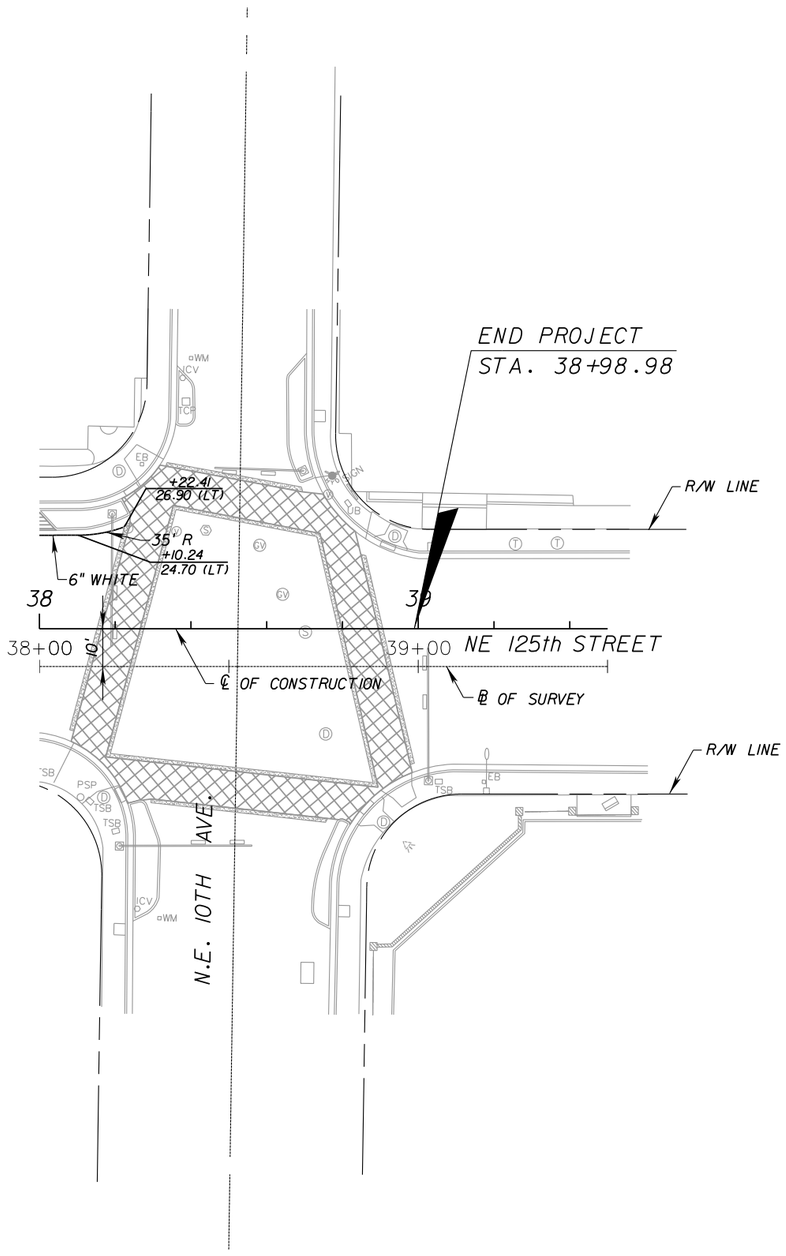

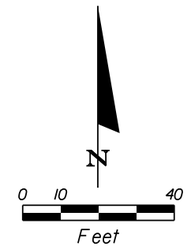

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD: JUAN CARLOS ALCANTARA, P.E. #64760
KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS
CERTIFICATE OF AUTHORIZATION NO. 1337
10305 N.W. 41st Street, Suite 112, Miami, FL 33178 (305) 477-7667

CITY OF NORTH MIAMI

ROAD NO.	COUNTY	PROJECT ID
922	MIAMI-DADE	17657.04

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-8

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