

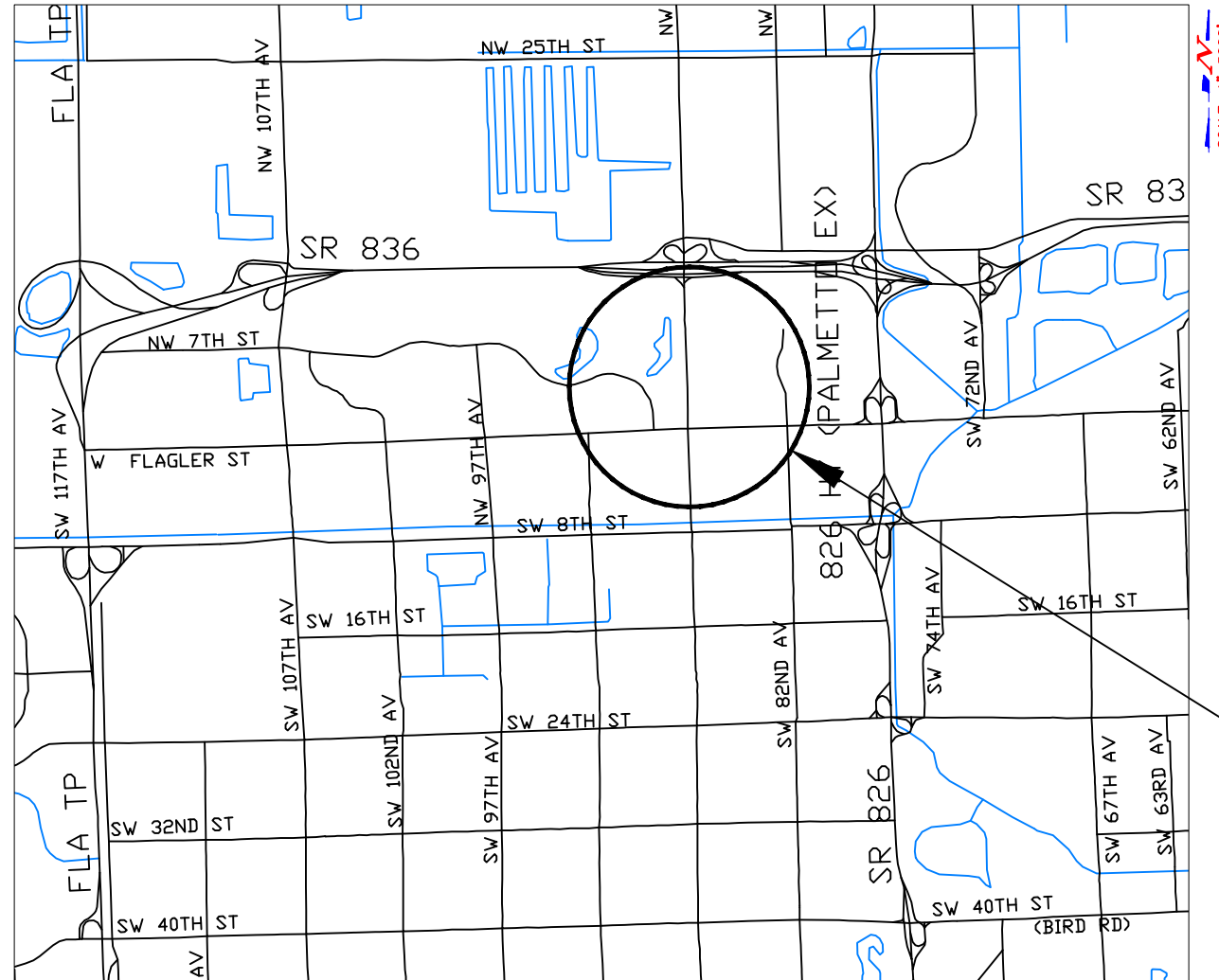
PLANS FOR PROPOSED
DRAINAGE IMPROVEMENTS TO

SWALE BLOCKS AT NW 8 ST TO NW 10 ST, FROM
NW 82 AVE TO THE EAST

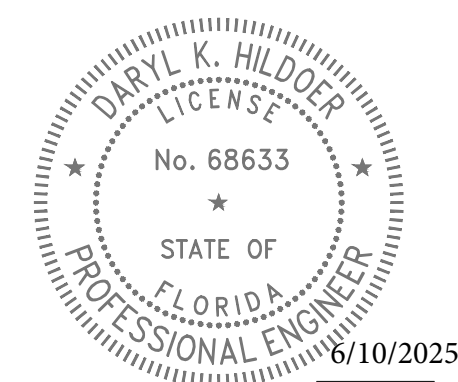
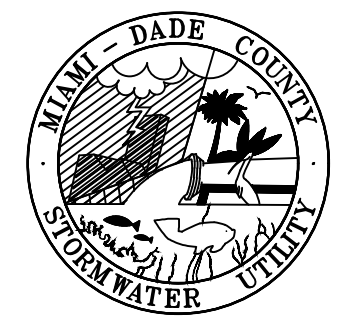
MIAMI-DADE COUNTY PROJECT NO. 20250006
FUNDING SOURCE: CDBG

INDEX OF SHEETS

SHT. No.	SHEET DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SURVEYOR'S NOTES, KEY SHEET, LEGEND AND ABBREVIATIONS
4-9	DRAINAGE PLAN
10	STANDARD DETAILS AND SUMMARY OF QUANTITIES



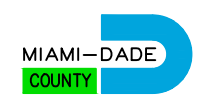
NOTE:
ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.



THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT STANDARDS AND SPECIFICATIONS PARTS 1, 2 AND 3, THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED BY CONTRACT DOCUMENTS.



PREPARED BY



MIAMI-DADE COUNTY DEPARTMENT OF
TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND
RIGHT OF WAY DIVISION
STORMWATER DRAINAGE DESIGN SECTION

STEPHEN P. CLARK CENTER
111 NW 1 ST, SUITE 1510
MIAMI, FLORIDA 33128

THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY DARYL K. HILDOER, P.E.
ON THE DATE ADJACENT TO THE SEAL.

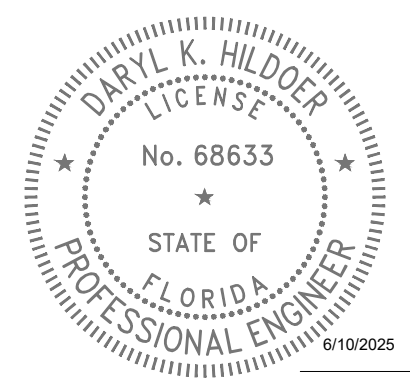
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DESIGN	F.G.	CHECK	F.G.
		DRAWN	I.I.
DATE	04-25-25	SHEET	1 OF 10

GENERAL NOTES:

1. ALL ELEVATIONS REFER TO THE MSL, 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD)
2. ALL DRAINAGE CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE PERMITTING REQUIREMENTS OF MIAMI DADE COUNTY REGULATORY AND ECONOMIC RESOURCES AND THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
3. IT IS THE INTENT 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.
4. CATCH BASINS, SEEPAGE DRAINS, PAVEMENT RESTORATION AND PAVEMENT AROUND CATCH BASINS TO BE ACCORDING TO THE DETAILS AND APPLICABLE REQUIREMENTS OF THE MIAMI-DADE COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS.
5. WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH EXISTING PAVEMENT.
6. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, AND UTILITIES WITH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARLY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
7. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE; ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES. PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION, ANY AND ALL CONFLICTS OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS MUST BE RESOLVED BY THE ENGINEER AND THE OWNER. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
8. CONTRACTOR SHALL CONTACT THE SUNSHINE STATE ONE CALL OF FLORIDA, INC. AT 1 (800) 432-4770 AT LEAST 48 HOURS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
9. EXISTING TREES SHALL BE REMOVED ONLY IF REQUIRED FOR CONSTRUCTION. THOSE TREES NOT INTERFERING WITH CONSTRUCTION SHALL BE PROTECTED IN PLACE. THE CONTRACTOR IS ADVISED THAT A TREE PERMIT MAY BE REQUIRED FOR TREE REMOVAL. CONTRACTOR SHALL NOTIFY REGULATORY AND ECONOMIC RESOURCES DEPARTMENT AND MUNICIPALITIES WITH JURISDICTION PRIOR TO REMOVING ANY TREES.
10. EXISTING GRADES WERE TAKEN FROM 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 ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
11. THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS LISTED IN PROJECT SPECIFICATION.
12. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES, OR PARTS OF, EXPOSED OR OPEN AT THE END OF THE WORKING DAY, WEEKENDS, HOLIDAYS OR OTHER TIMES. WHEN THE CONTRACTOR IS NOT WORKING, UNLESS OTHERWISE DETERMINED, ANY TRENCH SHALL BE COVERED, FIRMLY SECURED AND MARKED ACCORDINGLY FOR PEDESTRIAN TRAFFIC.
13. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
14. ALL EXCAVATED MATERIAL REMOVED FROM THIS PROJECT SHALL BE DISPOSED OF PROPERLY BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
15. CAST IRON PRODUCTS: HEAVY-DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS, OR 16,000 LB. WHEEL LOADS.
16. STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20 AASHTO H20: 16,000 LBS. OVER 8" X 20" AREA.
17. ALL STRUCTURES MUST BE CAPABLE OF SUSTAINING HEAVY TRAFFIC LOADS.
18. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN SECTION C2 AND SECTION R19 OF THE PUBLIC WORKS DEPARTMENT MANUAL. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR THE RESETTING OF ALL TRAFFIC CONTROL AND INFORMATION SIGNING REMOVED DURING CONSTRUCTION PERIOD.
20. EXCAVATED OR OTHER MATERIAL STORED ADJACENT TO OR PARTIALLY UPON A ROADWAY PAVEMENT SHALL BE ADEQUATELY MARKED FOR TRAFFIC SAFETY AT ALL TIMES.
21. TEMPORARY PATCH MATERIAL MUST BE ON THE JOB SITE WHENEVER PAVEMENT IS CUT, OR THE INSPECTOR WILL SHUT THE JOB DOWN.
22. CONTRACTOR SHALL MAINTAIN TRAFFIC ACCORDING TO CORRESPONDING TYPICAL CONTROL DETAIL AS OUTLINED IN MIAMI-DADE COUNTY PUBLIC WORKS MANUAL.
23. CONTRACTOR SHALL MAINTAIN AT LEAST THE FOLLOWING NUMBER OF TRAFFIC LANES FOR CORRESPONDING TIME PERIODS: MONDAY - FRIDAY 7-9 A.M. AND 4-6 P.M.; NO INTERRUPTION TO TRAFFIC IS PERMITTED. ALL OTHER TIMES:
 - A) MAINTAIN ONE LANE FOR TWO-WAY OPERATION WITH FLAGMEN.
 - B) MAINTAIN ONE LANE IN EACH DIRECTION FOR TRAFFIC.
24. CONTRACTOR MUST PROVIDE FLASHER ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED.
25. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF THE DETOUR IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
26. COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR. THREE (3) SETS LABELED "AS-BUILT" MUST BE SUBMITTED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA, TO THE ENGINEER OF RECORD PRIOR TO FINAL ACCEPTANCE OF THE WORK.
27. IT IS RESPONSIBILITY OF THE CONTRACTOR TO SELECT AND OBTAIN THE APPROPRIATE PERMISSION FROM MIAMI-DADE COUNTY OR APPLICABLE AGENCY THAT HAS JURISDICTION ON THE "PROPOSED" STAGING AREAS.

28. DRAINAGE/UTILITY TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT. A TEMPORARY COVER WITH A CAPACITY OF H-20 LOADING SHALL BE PLACED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST TO MIAMI-DADE COUNTY.
29. PROVIDE FLOWABLE FILL OVER PIPE AS COVER WHERE MINIMUM PIPE COVER OF 2 FEET CANNOT BE ACCOMPLISHED UNDER PAVED AREAS. HOWEVER, THE COVER WITH FLOWABLE FILL SHALL BE NO LESS THAN 12 INCHES.
30. ALL STATIONS AND OFFSETS REFER TO [CENTERLINE]/ [BASELINE] OF CONSTRUCTION, UNLESS OTHERWISE STATED.
31. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
32. MIAMI-DADE WATER AND SEWER DEPARTMENT REQUIRES THAT ACCESS TO ALL WATER AND SEWER VALVES, SANITARY MANHOLES, AND OTHER CONTROL MECHANISMS BE MAINTAINED THROUGHOUT CONSTRUCTION IN THE EVENT OF AN EMERGENCY TO ENSURE THE PUBLIC HEALTH AND SAFETY. COVERING VALVE BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED CONSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR UTILITY ADJUSTMENTS MUST BE MADE IN WRITING AT LEAST TWO (2) WEEKS IN ADVANCE. FOR MANHOLE AND VALVES, CONTACT UTILITY COORDINATOR PATRICK CHONG AT 786-268-5255. THE DEPARTMENT WILL MAKE ONE FINAL AND PERMANENT ADJUSTMENT AT NO COST TO THE REQUESTING AGENCY. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE: 786-268-5469. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR BUMPED DURING CONSTRUCTION, CONTACT THE MDWASD HYDRANT SHOP AT 305-552-4926. BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, WASD EMERGENCY NUMBER 305-552-8901. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
33. 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 SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.
34. THE CONTRACTOR SHOULD TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, PUBLIC OR PRIVATE, DURING THE EXCAVATION OF SUBSOIL MATERIAL AND EXFILTRATION TRENCH, OR FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
35. 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, SHALL BE INCLUDED IN THE RELATED BID ITEM FOR THE WORK BEING DONE.
36. ALL DITCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
37. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE PROJECT ENGINEER.
38. 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.
39. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE DISSIMILAR MATERIAL SHALL BE SEPARATED BY COATING THE CONTACT SURFACE WITH BITUMASTIC MATERIAL.
40. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES.
41. 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 OF RELATED BID ITEMS.
42. CONTRACTOR TO INSTALL 1/2" PERFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
43. THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6" CONCRETE.
44. ALL BUS STOP SIGNS TO BE FURNISHED BY MIAMI-DADE TRANSPORTATION AND PUBLIC WORKS DEPARTMENT. ENGINEER TO CONTACT MIAMI-DADE COUNTY TRANSPORTATION AND PUBLIC WORKS DEPARTMENT AT (305) 637-3753 ONE (1) WEEK PRIOR TO POURING SIDEWALKS AND COORDINATE THE REMOVAL AND REPLACEMENT OF BUS STOP SIGNS AND BENCHES.
45. THE INFORMATION PROVIDED IN THESE DRAWINGS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF CONDITIONS WHICH WILL BE ENCOUNTERED DURING THE COURSE OF WORK. THE CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSION REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH BIDS WILL BE BASED.
46. ANY SURVEY MONUMENT, BENCH MARK, ETC., FOUND DURING CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO IT IS ORIGINAL LOCATION AND COORDINATES AS DEPICTED IN COUNTY RECORDS PLAT AND BOOK. RESTORATION WILL BE AT NO ADDITIONAL COST AND MUST BE SHOWN ON AS-BUILT PLANS.
47. FOR THE INSTALLATION OF SOD IN SWALE AREAS ADJACENT TO ROADWAYS, SIDEWALKS, DRIVEWAY APPROACHES OR ANY OTHER PAVED SURFACES, THE SWALE MUST BE RESTORED TO FORM A "V" SHAPE AS PER THE DETAILS INCLUDED IN THE MIAMI DADE COUNTY PUBLIC WORKS MANUAL. SPECIFICALLY, THE ELEVATION OF THE TOP OF THE SOD MUST MATCH THE ABUTTING AREAS (EDGE OF PAVEMENT, SIDEWALK OR DRIVEWAY APPROACH) AND THE CENTERLINE OF THE SWALE SHALL BE ON AVERAGE 3 INCHES BELOW THE ROADWAY EDGE OF PAVEMENT ELEVATION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

SWALE BLOCKS AT
 N.W. 8 ST. to N.W. 10 ST. from
 N.W. 82 AVE. to the EAST

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	F.G.			LL	04-25-25
CHECKED BY	F.G.		CHECKED BY		
SUPERVISED BY:					



GENERAL NOTES

SURVEYOR'S NOTES:

-Survey performed by DTPW Survey Section.
 -Survey Date: 01-27-2025
 -Survey as per
 F.B. 3016 Page 27-40
 -NW 8 ST & NW 10 ST from NW 82 AVE to the EAST
 -The elevations are based on NGVD 1929, Miami Dade County
 Name=A -700
 BM Elev=6.21'
 NW 7 ST = 80' South of C/L; NW 82 AVE = 32' West of C/L
 Mag Nail and Alum. Washer set on concrete of CATH BASIN
 -Section 53, Township 53, Range 40.
 -Benchmark for vertical control information was recorded
 by DTPW Survey Section.
 -Right-of-Way Lines shown hereon as per existing plats.

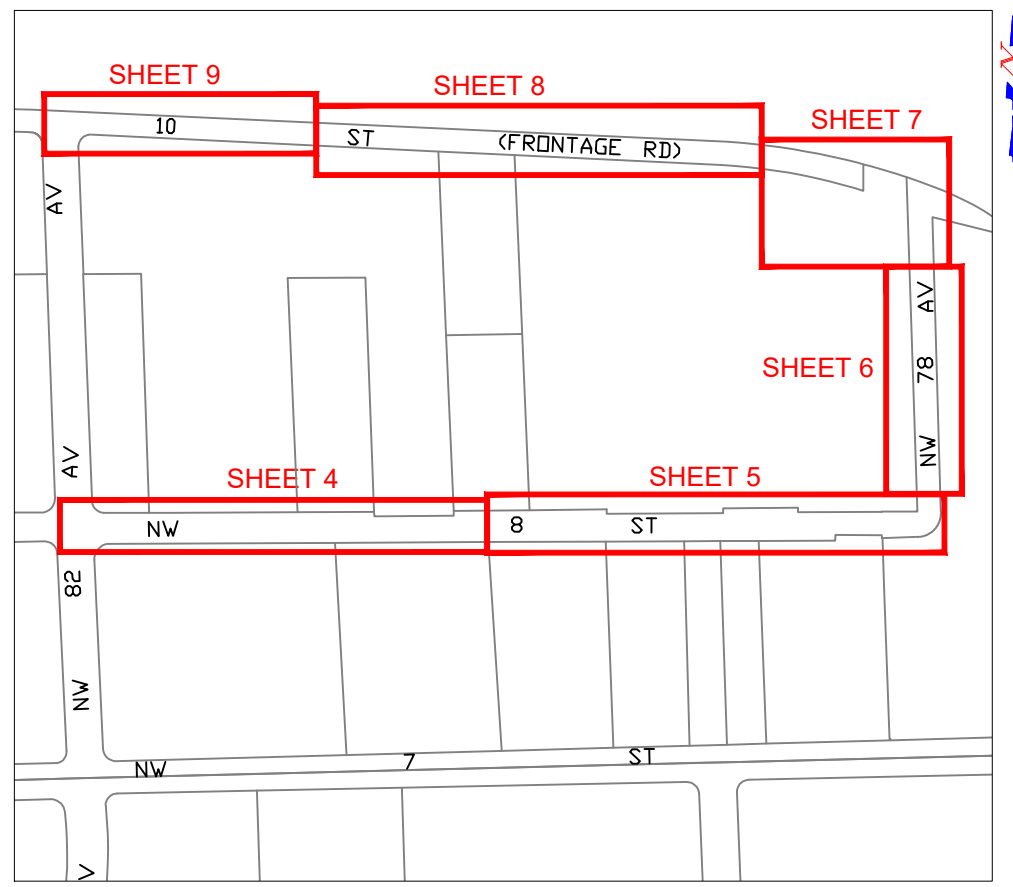
LEGEND AND ABBREVIATIONS:

- (M) = MEASURES
- (P) = By PLAT
- F; Fcd = FOUND
- CND = CONCRETE NAIL & DISK
- PKF = PK NAIL FOUND
- CNDF = CONCRETE NAIL & DISK FOL
- CNF = CONCRETE NAIL & DISK FOL
- CNC = CONCRETE NAIL CUT
- DHF = DRILL HOLE FOUND
- NF = NAIL FOUND
- PKDF = PK NAIL & DISK FOUND
- R/W = RIGHT OF WAY
- RBAC = ROCK BASE ASPHALT COMPC
- B = BASE LINE
- C = CENTER LINE
- R = RADIUS
- L = LENGTH OF CURVE
- C&G = CURB & GUTTER
- VG = VALLEY GUTTER
- E/P = EDGE OF PAVEMENT
- T/B = TOP OF BANK
- E/W = EDGE OF WATER
- PCP = PERMANENT CONTROL POINT
- RLS = REGISTERED LAND SURVEYOR
- PLS = PROFESSIONAL LAND SURVEYOR
- ⊥ = STREET SIGN
- ⊥ = ALUM. FLASHING SCHOOL LIK
- ☐ = MAILBOX
- ⊙ = METAL PEDESTRIAN POLE
- = METAL LIGHT POLE
- ⊙ = METAL TRAFFIC LIGHT POLE
- ⊙ = METAL POWER POLE
- ⊙ = CONCRETE LIGHT POLE
- ⊙ = CONCRETE POWER POLE
- ⊙ = WOOD LIGHT POLE
- ⊙ = WOOD POWER POLE
- ⊙ = WOOD TELEPHONE POLE
- ⊙ = FIBERGLASS LIGHT POLE
- ⊙ = WATER MANHOLE
- ⊙ = SANITARY MANHOLE
- ⊙ = SANITARY SEWER VALVE (FM)
- ⊙ = CABLE TV PEDESTRIAN
- ⊙ = TV CABLE RISER BOX
- ⊙ = TV CONTROL BOX
- ⊙ = CABLE BOX
- ⊙ = TELEPHONE HANDHOLE
- ⊙ = TELEPHONE MANHOLE
- ⊙ = TELEPHONE UTILITY BOX
- ⊙ = TELEPHONE RISER BOX
- ⊙ = TELEPHONE RISER CONTROL
- ⊙ = TELEPHONE CONTROL BOX
- ⊙ = BOX
- ⊙ = CROSSING SIGN
- ⊙ = POST
- ⊙ = CLEAN OUT
- ⊙ = GAS VALVE
- ⊙ = PVC POST
- ⊙ = GUY WIRE
- ⊙ = SPRINKLE HEAD
- ⊙ = CENTRAL ANGLE OF CURVE
- ⊙ = MONITORING WELL
- ⊙ = PETROLEUM PIPELINE
- ⊙ = ELECTRIC HANDHOLE
- ⊙ = ELECTRIC MANHOLE
- ⊙ = FIRE HYDRANT
- ⊙ = WATER VALVE
- ⊙ = WATER METER
- ⊙ = TRAFFIC SIGH MANHOLE
- ⊙ = TRAFFIC SIGH HANDHOLE
- ⊙ = TRAFFIC CONTROL BOX
- ⊙ = TRAFFIC SIGNAL BOX
- ⊙ = ELECTRICAL CONTROL BOX
- ⊙ = RAIL ROAD CROSSING (LIGHT

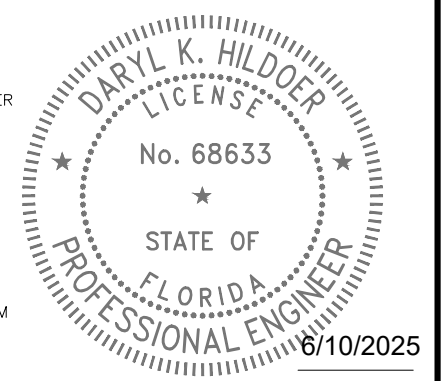
- ▨ = CONCRETE
- ▨ = ASPHALT
- ▨ = UNIMPROVED DRIVEWAY
- ▨ = GRAVEL
- ▨ = BRICK
- ▨ = STAMPED CONCRETE
- ▨ = CONCRETE BLOCK FENCE
- = TREE DIAMETER
- ⊙ = EXISTING CATCH BASIN
- ⊙ = EXISTING STORMWATER MANHOLE
- ⊙ = PROPOSED CATCH BASIN
- ⊙ = PROPOSED STORMWATER MANHOLE
- = EXISTING SOLID PIPE
- - - = EXISTING FRENCH DRAIN
- — — = PROPOSED SOLID PIPE
- — — = PROPOSED FRENCH DRAIN
- — — = RIGHT-OF-WAY LINE
- — — = WOOD FENCE
- — — = CHAIN LINK FENCE
- — — = IRON FENCE
- — — = EXISTING SIDEWALK
- — — = F.P.L. OVERHEAD
- — — = F.P.L. UNDERGROUND
- — — = WATER LINE MAIN
- — — = GAS MAIN
- — — = FORCE MAIN
- — — = CABLE TV
- — — = BELL SOUTH TELEPHONE CONDUIT
- — — = BASELINE
- — — = SANITARY SEWER

- 🌳 AVOCADO TREE
- 🌳 ARECA TREE
- 🌳 AUST. PINE TREE
- 🌳 ALMOND TREE
- 🌳 BLACK OLIVE TREE
- 🌳 BOTTLE BRUSH TREE
- 🌳 BISMARCK PALM
- 🌳 BUSH TREE
- 🌳 BANYAN TREE
- 🌳 BOTTLE PALM
- 🌳 BANANA TREE
- 🌳 BANYAN TREE
- 🌳 BRAZILIAN PEPPER
- 🌳 CABBAGE TREE
- 🌳 COCONUT TREE
- 🌳 CLUSTER PALM
- 🌳 CYPRESS TREE
- 🌳 CANARY PALM
- 🌳 COCOS PLUMOSA
- 🌳 CACTUS
- 🌳 DATE PALM
- 🌳 FIGUS TREE
- 🌳 FLORIDA ORCHID TREE
- 🌳 FOX TAIL TREE
- 🌳 GUMBO LIMBO TREE
- 🌳 HIBISCUS TREE
- 🌳 IXORA TREE
- 🌳 JUNIPER TREE
- 🌳 JARACANDA TREE
- 🌳 KAPOK TREE
- 🌳 LIVE OAK TREE
- 🌳 MAMEY TREE
- 🌳 MULBERRY TREE
- 🌳 MAHOGANY TREE
- 🌳 MANGO TREE
- 🌳 MANGROVE TREE
- 🌳 NISPERO TREE
- 🌳 NORFOLK TREE
- 🌳 OAK TREE
- 🌳 ORANGE GEIGER
- 🌳 PINE TREE
- 🌳 PALM TREE
- 🌳 PHILODENDRON/RUBBER TREE
- 🌳 QUEEN PALM TREE
- 🌳 RHOBOLINI TREE
- 🌳 ROYAL POINCIANA TREE
- 🌳 ROSEWOOD TREE
- 🌳 ROYAL PALM
- 🌳 SOUR ORANGE TREE
- 🌳 SEA GRAPE TREE
- 🌳 SOLITARY PALM
- 🌳 SILVER BUTTONWOOD TREE
- 🌳 TABEBULA TREE
- 🌳 TRAVELER CLUSTER
- 🌳 TAMARIND TREE
- 🌳 UNKNOWN TREE
- 🌳 UMBRELLA TREE
- 🌳 WASHINGTON PALM
- 🌳 ZAPODILLA TREE

LOCATION MAP & KEY MAP



KEY SHEET
 TRS 53-40-53



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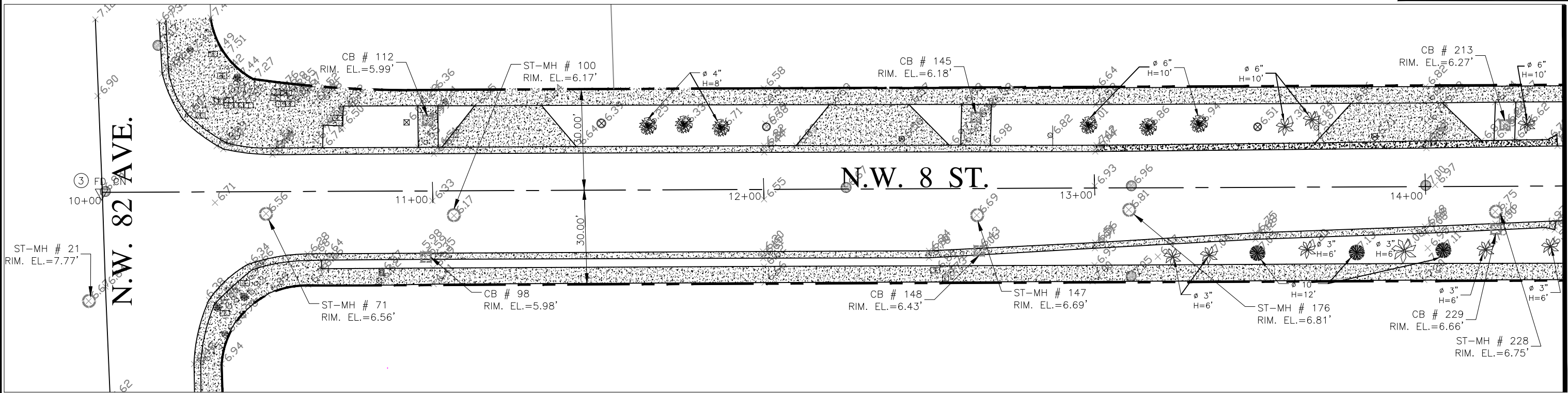
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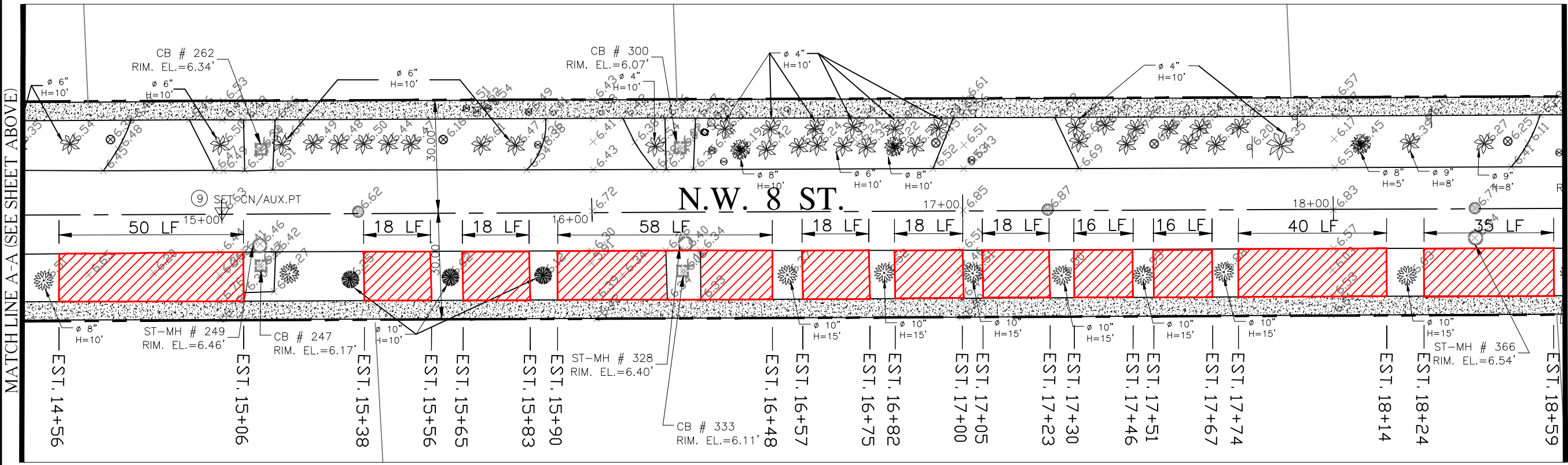
DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
F.G.			LL		04-25-25
CHECKED BY	F.G.		CHECKED BY	LL	
SUPERVISED BY					



SURVEYOR'S NOTES, KEY SHEET
 LEGEND AND ABBREVIATIONS



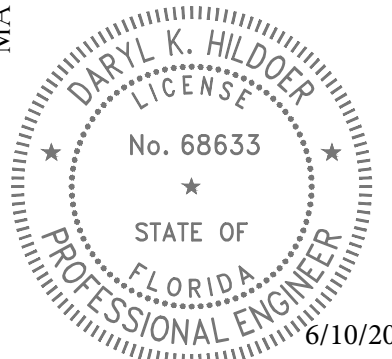
MATCH LINE A-A (SEE SHEET BELOW)
 SCALE: 1"=30'



MATCH LINE B-B (SEE SHEET #4)

LEGEND:

PROP. SWALE BLOCKS



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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

SWALE BLOCKS AT
 N.W. 8 ST. to N.W. 10 ST. from
 N.W. 82 AVE. to the EAST

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
F.G.			LL		04-25-25
CHECKED BY	F.G.		CHECKED BY		
SUPERVISED BY:					

MIAMI-DADE COUNTY

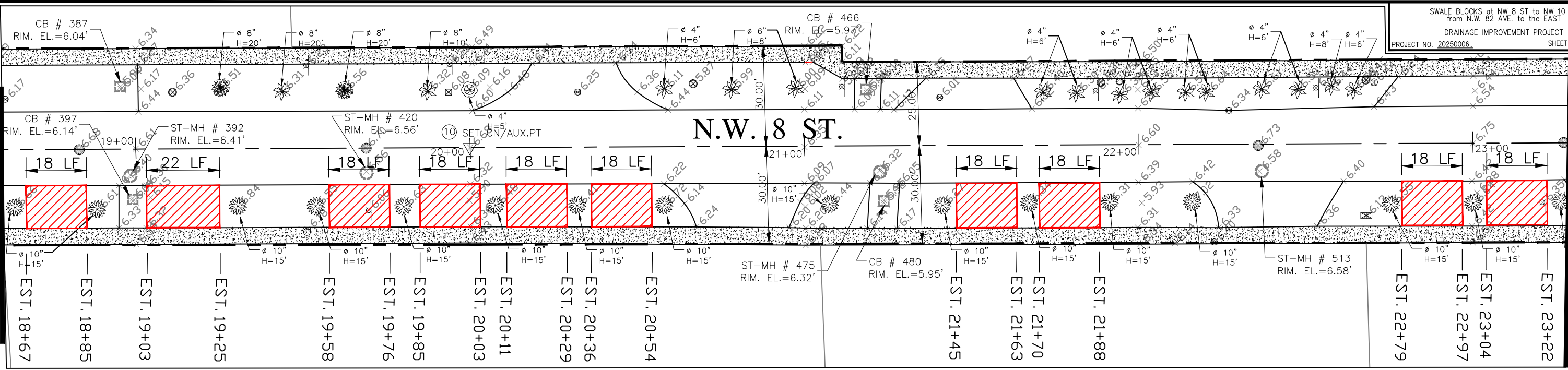
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION

STEPHEN P. CLARK, CENTER
 101 NW 1ST AVENUE
 MIAMI, FLORIDA 33128

DRAINAGE PLAN

MATCH LINE B-B (SEE SHEET #3)

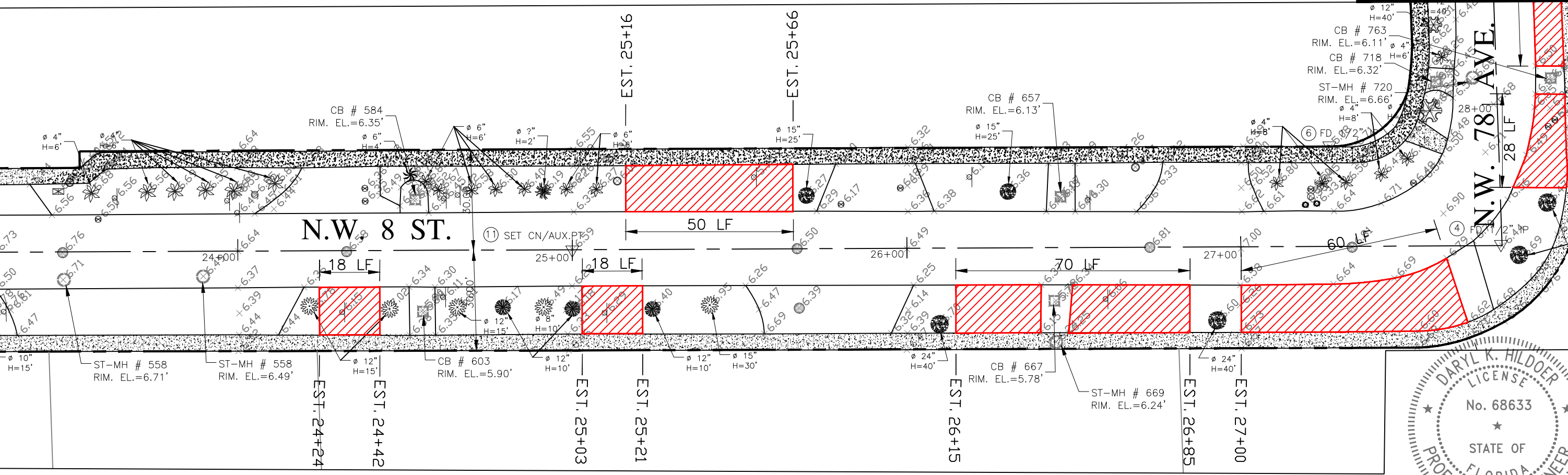
MATCH LINE C-C (SEE SHEET BELOW)



SCALE: 1"=30'

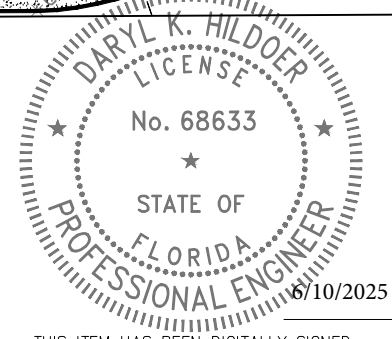
MATCH LINE C-C (SEE SHEET ABOVE)

MATCH LINE D-D (SEE SHEET #5)



LEGEND:

PROP. SWALE BLOCKS



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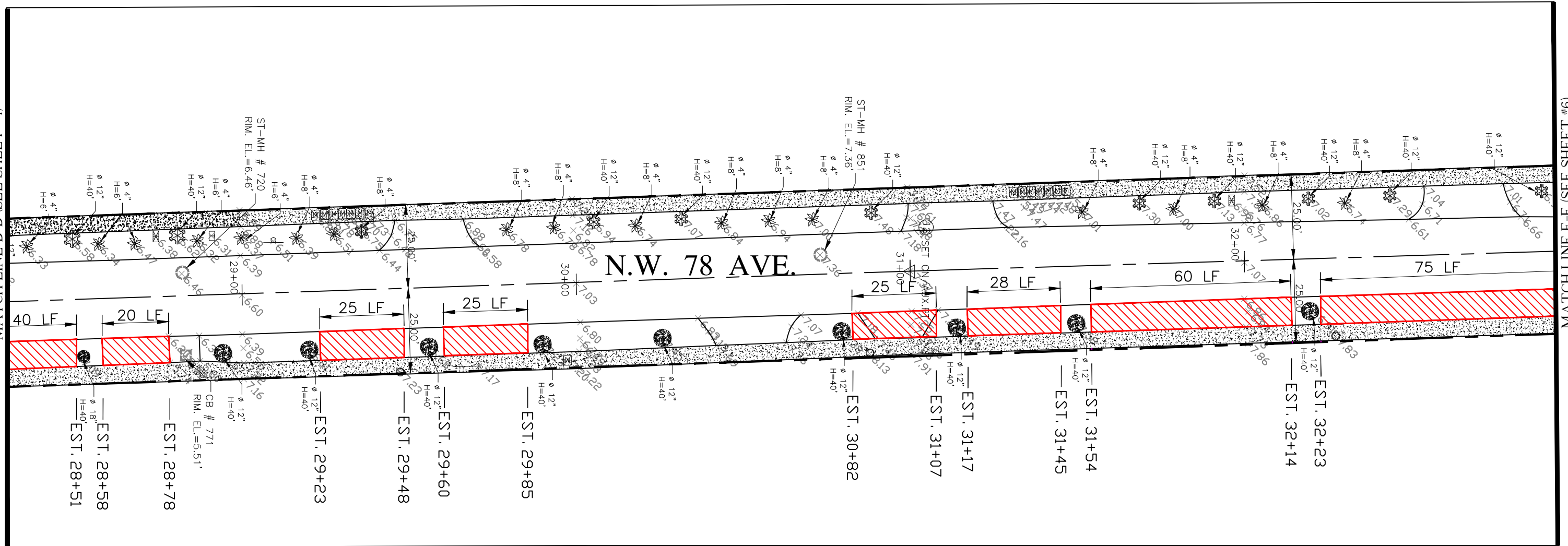
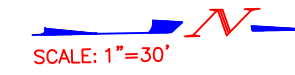
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

SWALE BLOCKS AT
N.W. 8 ST. to N.W. 10 ST. from
N.W. 82 AVE. to the EAST

DESIGNED BY	CHECKED BY	SUPERVISED BY	NAME	DATE	DRAWN BY	CHECKED BY	NAME	DATE
F.G.	F.G.				LL			04-25-25

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
STEPHEN P. CLARK, CENTER
1711 NW 13th ST
MIAMI, FLORIDA 33128

DRAINAGE PLAN



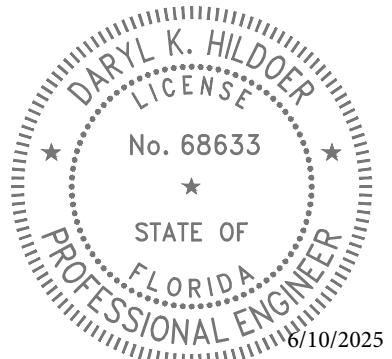
MATCH LINE D-D (SEE SHEET #4)

MATCH LINE E-E (SEE SHEET #6)

N.W. 78 AVE.

LEGEND:

PROP. SWALE BLOCKS



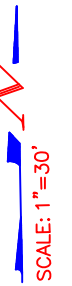
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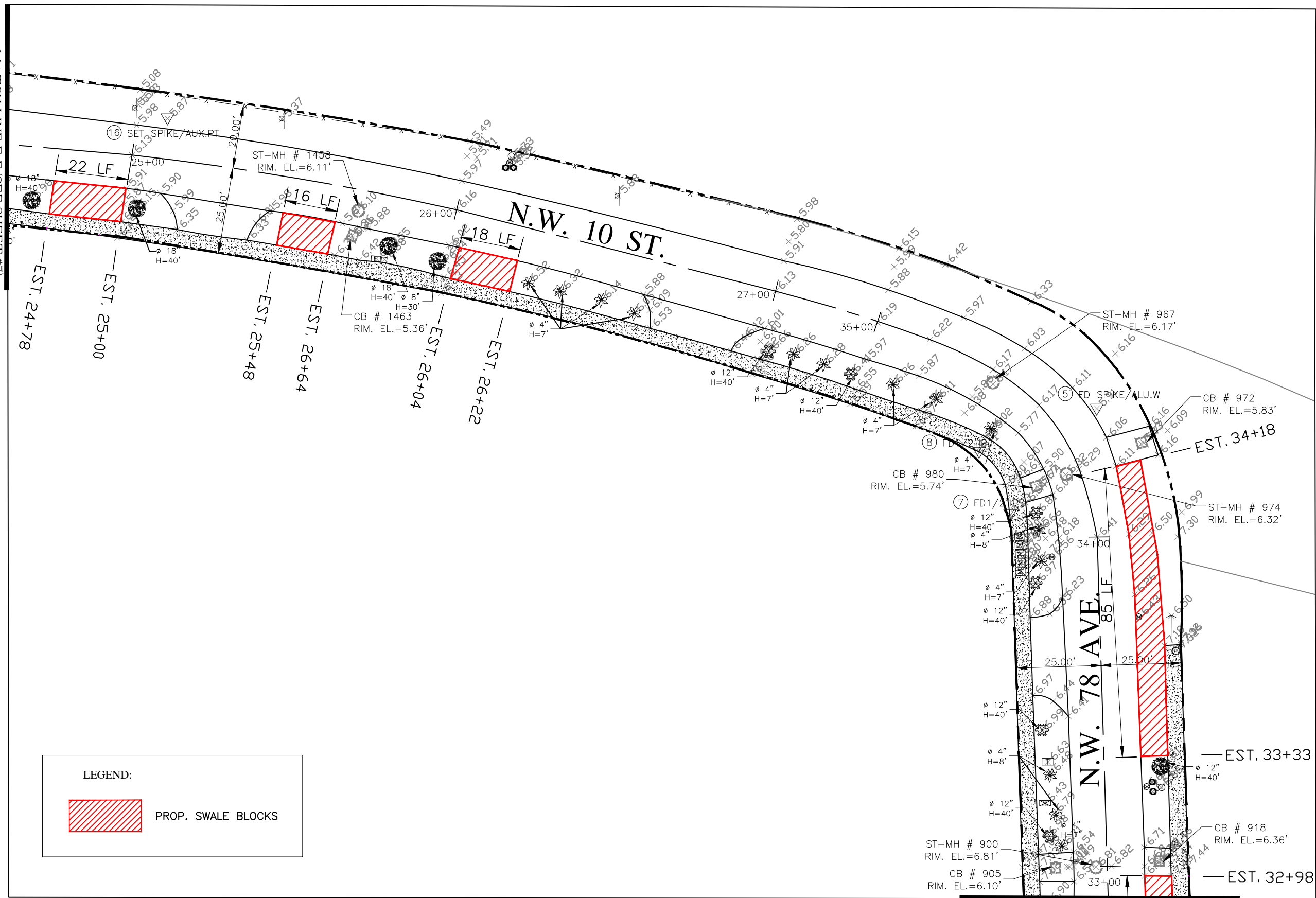
REVISIONS						DATE	BY	DESCRIPTION
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			

SWALE BLOCKS AT N.W. 8 ST. to N.W. 10 ST. from N.W. 82 AVE. to the EAST				DESIGNED BY: F.G.	NAME: F.G.	DATE: 04-25-25	DRAWN BY: LL	NAME: LL	DATE: 04-25-25
				CHECKED BY: F.G.			CHECKED BY:		
				SUPERVISED BY:					

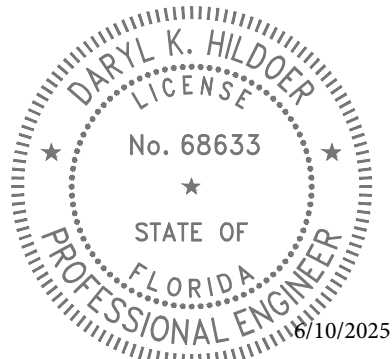
	DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS	DRAINAGE PLAN
	ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION	
	STEPHEN P. CLARK, CENTER 171 NW 1 ST MIAMI, FLORIDA 33128	



MATCHLINE F-F (SEE SHEET #7)



MATCH LINE E-E (SEE SHEET #5)



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LEGEND:

PROP. SWALE BLOCKS

REVISIONS					
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SWALE BLOCKS AT
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 N.W. 82 AVE. to the EAST

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
F.G.	F.G.		LL	LL	04-25-25
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
F.G.	F.G.				
SUPERVISED BY:					

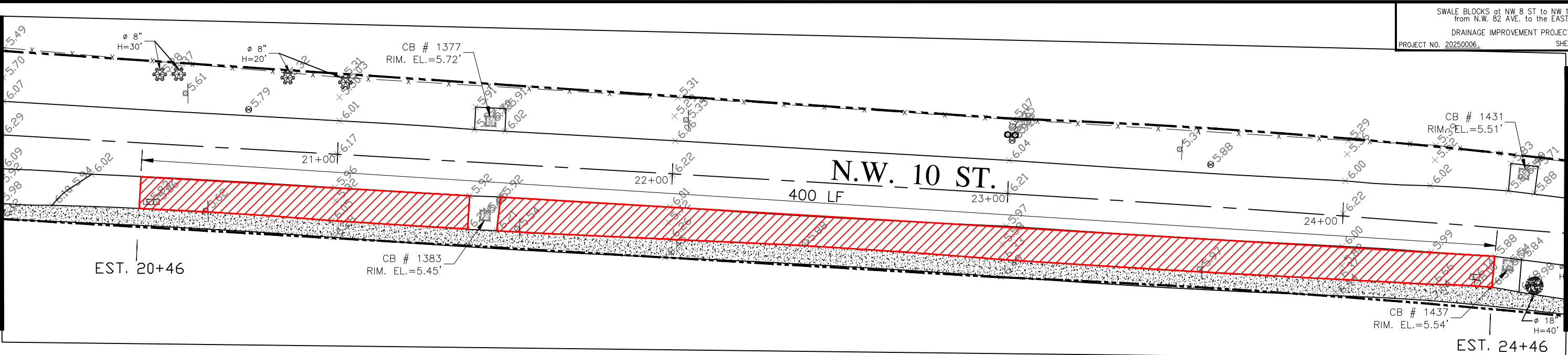


DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
 STEPHEN P. CLARK, CENTER
 101 NW 1st
 MIAMI, FLORIDA 33128

DRAINAGE PLAN

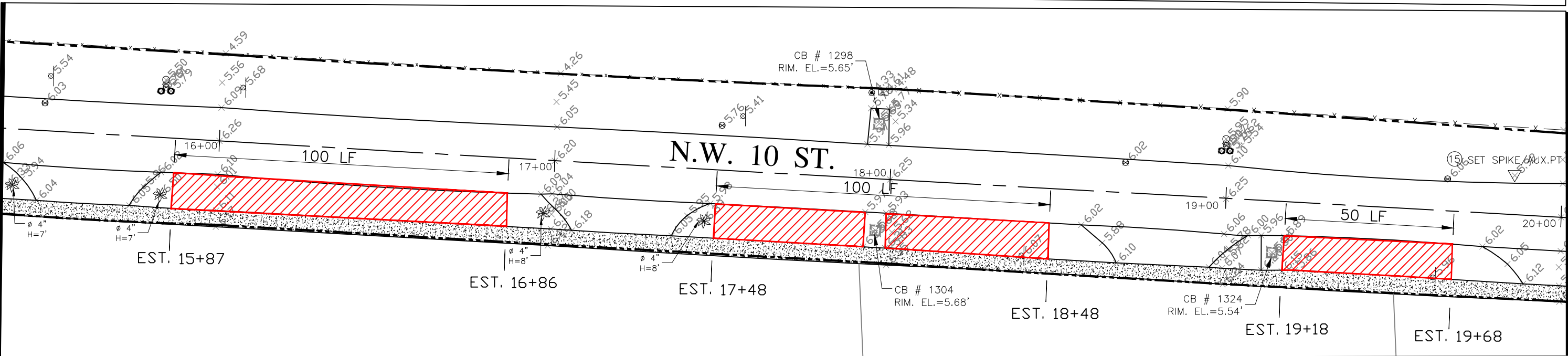
MATCH LINE G-G (SEE SHEET BELOW)

MATCH LINE F-F (SEE SHEET #6)
 SCALE: 1"=30'




MATCH LINE H-H (SEE SHEET #8)

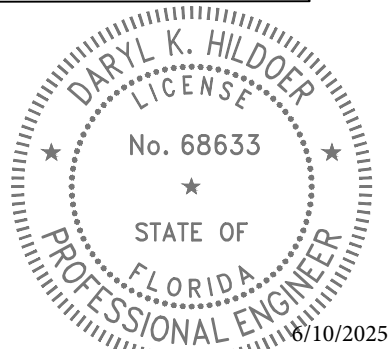
MATCH LINE G-G (SEE SHEET ABOVE)



LEGEND:



PROP. SWALE BLOCKS



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 N.W. 82 AVE. to the EAST

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	F.G.				
CHECKED BY	F.G.		CHECKED BY		

MIAMI-DADE COUNTY

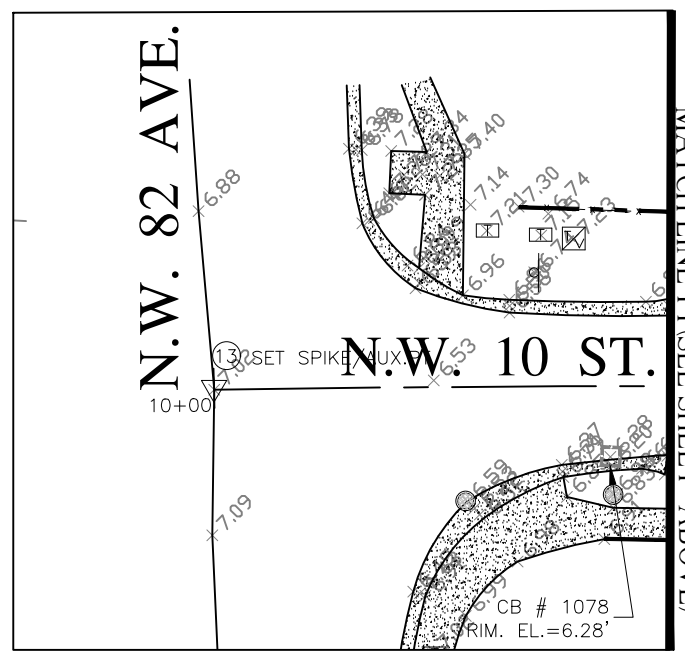
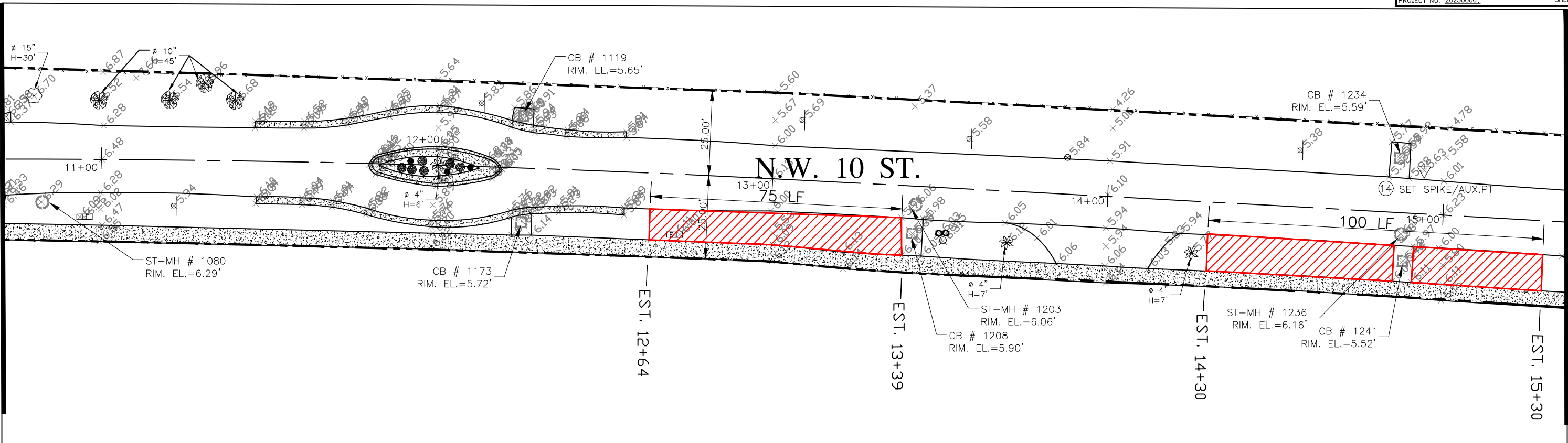
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION

STEPHEN P. CLARK, CENTER
 171 NW 1 ST
 MIAMI, FLORIDA 33128

DRAINAGE PLAN

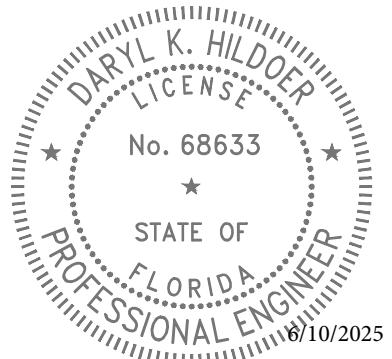
MATCH LINE H-H (SEE SHEET BELOW)

MATCH LINE H-H (SEE SHEET #7)
 SCALE: 1"=30'



LEGEND:

PROP. SWALE BLOCKS



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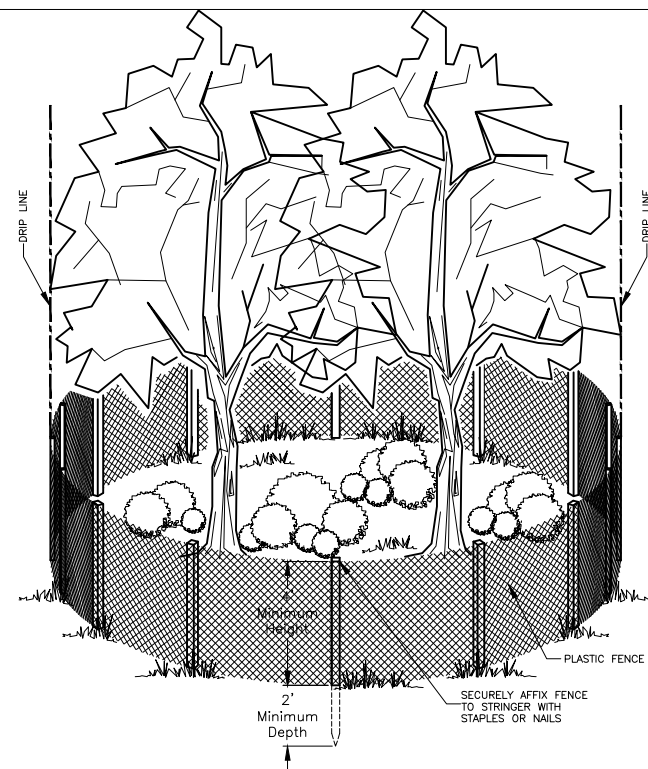
	NAME	DATE	NAME	DATE
DESIGNED BY	F.G.		DRAWN BY	LL 04-25-25
CHECKED BY	F.G.		CHECKED BY	
SUPERVISED BY:				

MIAMI-DADE COUNTY

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION

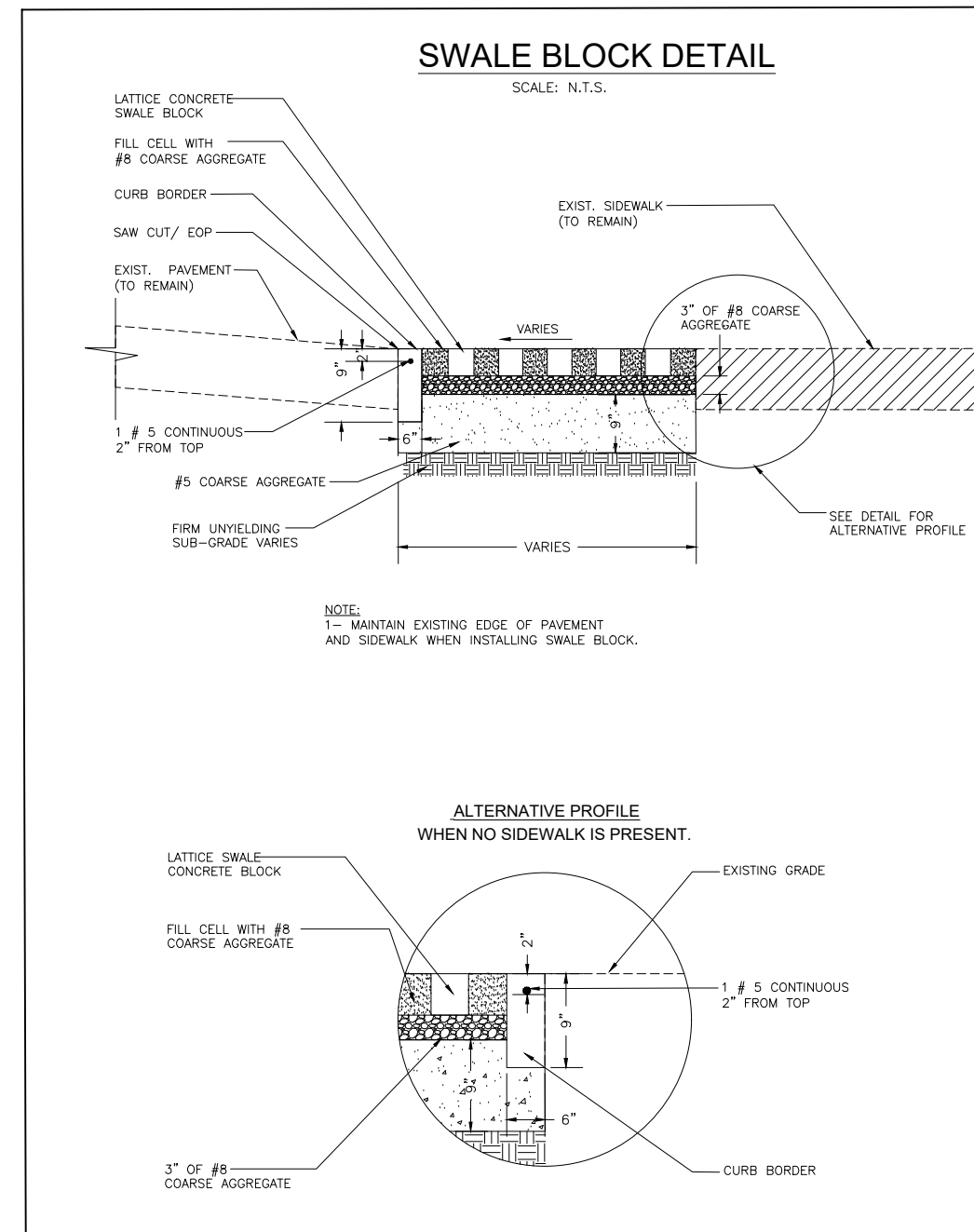
STEPHEN P. CLARK, CENTER
 101 NW 1ST AVENUE
 MIAMI, FLORIDA 33128

DRAINAGE PLAN



- PROTECTION OF DESIRABLE TREES AND LANDSCAPING FROM MECHANICAL AND OTHER INJURY DURING LAND DISTURBING AND CONSTRUCTION ACTIVITIES
- THE LIMITS OF CLEARING SHALL BE LOCATED OUTSIDE THE DRIP LINE OF ANY TREE TO BE RETAINED, AND IN NO CASE CLOSER THAN 5 FEET (1.5 M) TO THE TRUNK OF SUCH A TREE

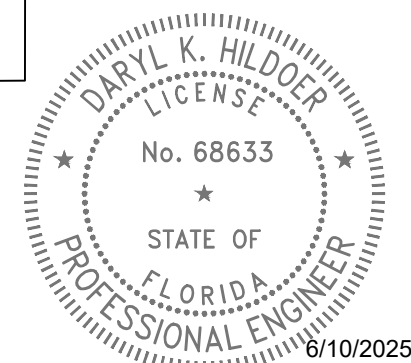
TEMPORARY PLASTIC FENCING FOR TREE AND LANDSCAPING PRESERVATION AND PROTECTION



NOTE:
 1- MAINTAIN EXISTING EDGE OF PAVEMENT AND SIDEWALK WHEN INSTALLING SWALE BLOCK.

ALTERNATIVE PROFILE WHEN NO SIDEWALK IS PRESENT.

SUMMARY OF QUANTITIES			
Item No.	Description	Unit	Quantity
102-74-1	Barricades (Temporary - Types I, II, VP and Drum)	E.A./DAY	6000
102-76A	Advance Warning Arrow Panel	E.A./DAY	140
104-10-3	Sediment Barrier	L.F.	100
104-18	Inlet Protection System	E.A.	18
331-72-10A-HMA	Roadway Pavement Restoration (Replace and match existing base thickness and asphalt course with 8" minimum, primed Limerock Base and 1" thick of HMA, Asphalt Work Category 3)	S.Y	120
522-1(1)	Concrete Sidewalk (4" thick)(3000 P.S.I.)(Including pedestrian ramps and sidewalk curbs)	S.Y.	250
526-70-2C	SWALE BLOCKS (Include excavation, saw cut edge of pavement, curb border, base & subbase preparation, and aggregates.)	S.Y.	2370
575-2A	Sodding - St. Augustine, or match existing, includes watering and maintenance. Contingent item based on field conditions, may be increased, or decreased by the Engineer)	S.Y.	400
580-3	Tree protection barricades	L.F.	600
711-11-121	Thermoplastic (White) (Solid) (6")	L.F.	1400



6/10/2025

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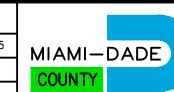
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W:\DANIA\Idea-Fronk\NW82\NW82AVE to the East\PROJECT\NW 82\ from NW 82 Ave to East_S11-10.dwg May 21, 2025 - 10:20am E117682

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

SWALE BLOCKS AT
 N.W. 8 ST. to N.W. 10 ST. from
 N.W. 82 AVE. to the EAST

DESIGNED BY	NAME	DATE	DRAWN BY	NAME	DATE
	S.R.		E.E.		04-25-25
CHECKED BY	NAME	DATE	CHECKED BY	NAME	DATE
	A.B.		S.R.		



DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 ROADWAY ENGINEERING AND RIGHT OF WAY DIVISION
 STEPHEN P. CLARK CENTER
 111 NW 8 ST
 MIAMI, FLORIDA 33128

STANDARD DETAILS AND SUMMARY OF QUANTITIES