

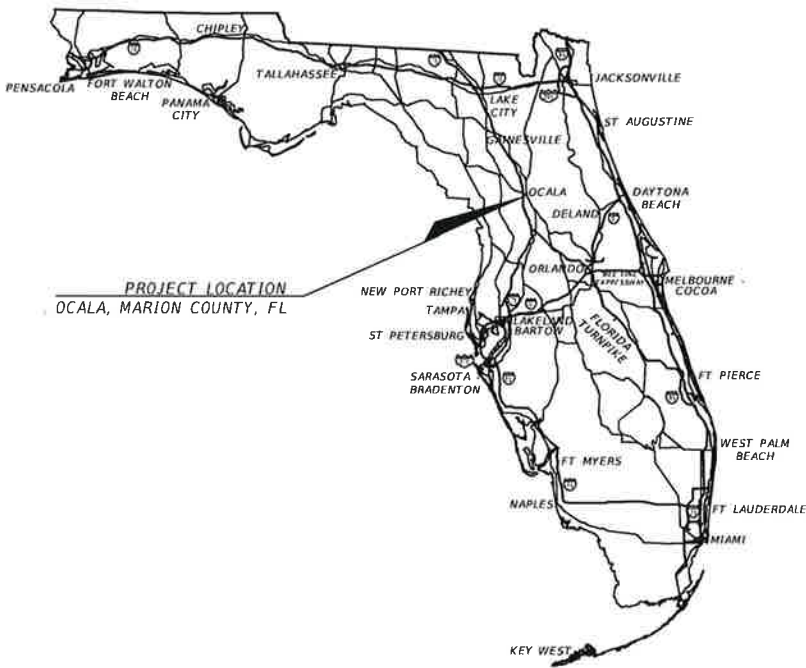


CITY ENGINEER'S OFFICE
1805 NE 30th AVE, BLDG #600
OCALA, FLORIDA 34470

CONTRACT PLANS
FINANCIAL PROJECT NUMBER: 436375-1-58-01
FAN NO. D520-057-B
ITB NO. ENG/201002
CITYWIDE SIDEWALK IMPROVEMENTS

100% PLANS

DATE: 12/1/2021



LOCAL UTILITIES

UTILITY COMPANY	PHONE NUMBER	EMERGENCY
OCALA PUBLIC WORKS (TRAFFIC)	(352) 351-6733	
OCALA ELECTRIC UTILITY	(352) 351-6620	(352) 351-6666 (LEAVE MESSAGE)
OCALA WATER RESOURCES	(352) 351-6772	(352) 351-6775
COX COMMUNICATIONS	(888) 269-9693	
CENTURYLINK	(352) 368-8817	
TECO GAS	(352) 622-0112	(352) 622-0111

GOVERNING DOCUMENTS:

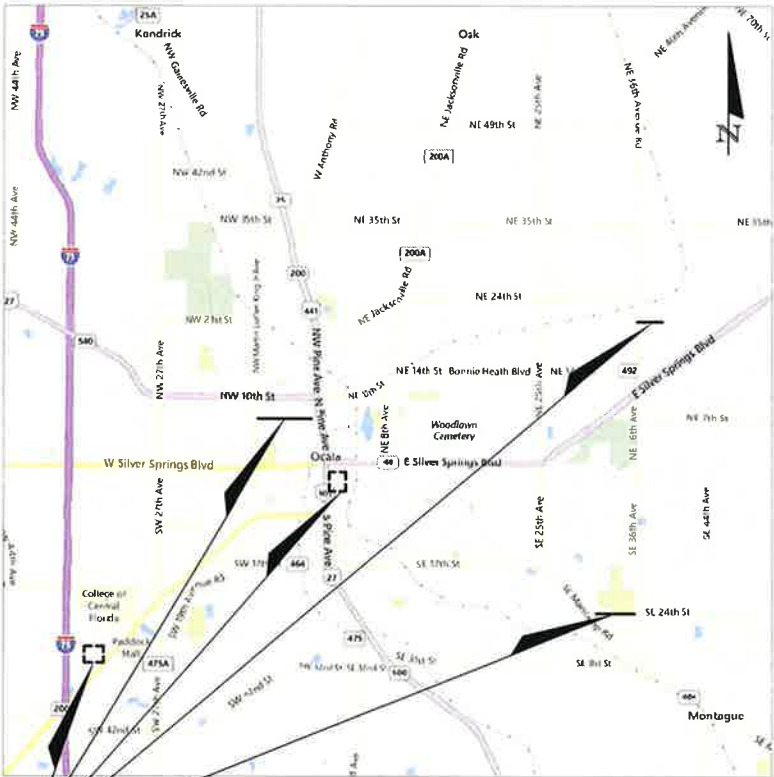
U.S. Department of Transportation, Manual on Uniform Traffic Control Devices (2009 Version With Revisions)

Florida Department of Transportation, Standard Plans for Road and Bridge Construction (2021-2022 Version)

Florida Department of Transportation, Standard Specifications for Road and Bridge Construction (January 2022 Version)

Florida Department of Transportation, Manual of Uniform Minimum Standards for Design, Construction, & Maintenance of Streets & Highways "Florida Green Book" (2018)

City of Ocala, Standard Specifications For Construction of Streets, Stormwater, Traffic, Water & Sewer Infrastructure (August 2021)



PROJECT LOCATION

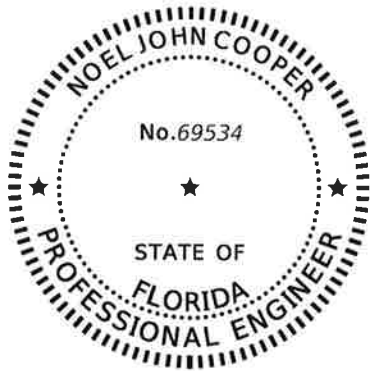


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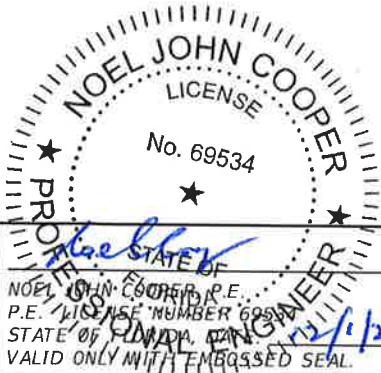
REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				NOEL JOHN COOPER P.E. LICENSE NUMBER 69534 STATE OF FLORIDA, DATE: 12/1/2021 VALID ONLY WITH EMBOSSED SEAL	OCALA CITY ENGINEER'S OFFICE	1



CITY OF OCALA
CITY ENGINEER'S OFFICE
1805 NE 30TH AVE., BLDG. 300
OCALA, FL 34470

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

- PLAN INDEX
- KEY SHEET
 - SIGNATURE SHEET
 - GENERAL NOTES
 - STORMWATER POLLUTION PREVENTION PLAN
 - LEGEND & ABBREVIATIONS
 - SUMMARY OF PAY ITEMS
 - TYPICAL SECTIONS
 - SURVEY CONTROL POINTS
 - ROADWAY PLANS
 - SUMMARY OF DRAINAGE STRUCTURES
 - PIPE SCHEDULE
 - BACK OF SIDEWALK PROFILES
 - ROADWAY PROFILES
 - SIGNAGE AND STRIPING PLANS
 - SIGNAGE DETAILS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, P.E.
VALID ONLY WITH EMBOSSED SEAL

PREPARED BY



CITY ENGINEER'S OFFICE

CITYWIDE SIDEWALK IMPROVEMENTS

SIGNATURE SHEET

SHEET NO.

2

Exhibit B - Plan Set

GENERAL NOTES:

- ALL CONSTRUCTION WITHIN THE PROJECT AREA SHALL BE IN ACCORDANCE TO THE AUGUST 2021 EDITION OF THE CITY OF OCALA'S "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF STREETS, STORMWATER, TRAFFIC, WATER & SEWER INFRASTRUCTURE", THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, 2021-2022 EDITION, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2022 EDITION, AND THE UTILITY ACCOMMODATION MANUAL (UAM).
- ALL UNSUITABLE MATERIALS ENCOUNTERED SHALL BE DISPOSED OF AND REPLACED WITH APPROVED MATERIALS.
- ALL UTILITIES SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM THE BEST AVAILABLE RECORDS. HOWEVER, IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THEIR LOCATIONS AND CONDITIONS FROM THE UTILITY AGENCIES PRIOR TO CONSTRUCTION.
- EXCAVATED MATERIALS SHALL BE LOADED ONTO DUMP TRUCKS DIRECTLY BEHIND THE EQUIPMENT AND HAULED OFF TO THE DESIGNATED SITE. TRAFFIC CONTROL MEASURES SHALL BE PLACED ACCORDINGLY TO ACCOMMODATE THIS PROCESS.
- INSTALL INLET PROTECTION DEVICES AT ALL INLETS TO MINIMIZE DEBRIS ENTERING THE STORM DRAIN SYSTEM, (AS APPROVED BY FDEP)
- THE TRAFFIC CONTROL PLAN FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD PLANS INDEXES #102-600 THROUGH #102-660, LATEST EDITION.
- UNLESS OTHERWISE SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR MAY, UPON APPROVAL OF THE ENGINEER IN CHARGE, RESTRICT TRAFFIC TO ONE-WAY OPERATION FOR SHORT PERIODS OF TIME PROVIDED THAT ADEQUATE MEANS OF TRAFFIC CONTROL ARE EFFECTED AND TRAFFIC IS NOT UNREASONABLY DELAYED.
- CONTRACTOR TO REPAIR OR REPLACE ALL PAVEMENT MARKINGS, TRAFFIC LOOPS OR HOMERUNS THAT ARE DAMAGED DURING CONSTRUCTION EXCEPT FOR MARKINGS REMOVED AT PROPOSED CROSSWALKS AND MARKINGS SPECIFIED ON THE PLANS TO BE GRINDED AND/OR REMOVED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ACCEPTABLE ACCESS TO ALL BUSINESSES AND RESIDENCES ALONG THE PROJECT ROUTE WHENEVER CONSTRUCTION INTERFERES WITH THE EXISTING MEANS OF ACCESS. FLAGMEN SHALL BE USED WHEN NO ALTERNATE ACCESS IS POSSIBLE.
- THE REQUIRED TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION WHICH MAY CREATE ANY HAZARDOUS CONDITION. THE CONTRACTOR SHALL IMMEDIATELY REMOVE OR COVER ANY DEVICE WHICH DOES NOT APPLY TO THE EXISTING CONDITIONS.
- THE CONTRACTOR SHALL HAVE A STATE OF FLORIDA CERTIFIED MAINTENANCE OF TRAFFIC SUPERVISOR WITH THE RESPONSIBILITY OF MAINTAINING THE POSITIONING AND CONDITION OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS THROUGHOUT THE DURATION OF THE PROJECT. THE ENGINEER IN CHARGE SHALL BE KEPT ADVISED AS TO THE IDENTIFICATION AND MEANS OF CONTACTING THIS EMPLOYEE ON A 24-HOUR BASIS.
- THE CONTRACTOR SHALL BE NOISE SENSITIVE FOR NIGHT OPERATIONS IF THEY ARE REQUIRED.
- WHERE WATER METERS ARE TO BE RELOCATED DUE TO CONSTRUCTION, THE COST OF MATERIAL AND LABOR TO RELOCATE THE METER BOX TO THE NEW LOCATION SHALL BE CONSIDERED PART OF THE RELOCATION COST AND SHALL INCLUDE METER RELOCATIONS WITHIN 20' OF THE ORIGINAL LOCATION. FOR RELOCATIONS MORE THAN 20' FROM THE OLD LOCATION, THE COST OF LABOR AND MATERIAL SHALL BE INCLUDED IN THE COST PER FOOT FOR "EXTENDING CUSTOMER SERVICE TO RELOCATED METER".
- WHERE NON-STANDARD METER BOXES ARE FOUND IN AREAS IMPACTED BY CONSTRUCTION, THE CONTRACTOR SHALL REPLACE THE EXISTING METER BOX WITH A STANDARD GULF BOX. UNIT PRICE SHALL INCLUDE ALL MATERIALS NECESSARY TO REMOVE AND REPLACE THE METER BOX.
- RESTORE AND RE-SOD ALL DISTURBED AREAS WITH ARGENTINE BAHIA IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN THAT PORTION OF THE RIGHT-OF-WAY AFFECTED BY THE PERMIT UNTIL VEGETATION IS ESTABLISHED. PERFORM ALL WORK NECESSARY, INCLUDING WATERING AND FERTILIZING, TO SUSTAIN AN ESTABLISHED TURF UNTIL FINAL ACCEPTANCE, AT NO ADDITIONAL EXPENSE TO FDOT OR THE CITY OF OCALA. PROVIDE FILLING, LEVELING, AND REPAIRING OF ANY WASHED OR ERODED AREAS, AS MAY BE NECESSARY.
- AT SUCH LOCATIONS WHERE FDOT SIGNS, REFLECTORS, OR OTHER STRUCTURES WILL INTERFERE WITH PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE LOCAL MAINTENANCE OFFICE OR PROJECT ENGINEER 48 HOURS PRIOR TO CONSTRUCTION. ALL ITEMS THAT REQUIRE RELOCATION OR REPLACEMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF THE WORK IS WITHIN 500' OF THE TRAFFIC SIGNAL CONTRACTOR SHALL CONTACT THE CITY OF OCALA PUBLIC WORKS DEPT. - TRAFFIC OPERATIONS (352) 351-6733
- THE CONTRACTOR IS RESPONSIBLE FOR MOWING, AT NO ADDITIONAL EXPENSE TO FDOT OR THE CITY OF OCALA, ANY AREA WITHIN PUBLIC RIGHT-OF-WAYS WHERE THE PERMITTED WORK OR WHERE UTILITY LOCATE FLAGS PLACED FOR PERMITTED WORK CREATES A HINDRANCE FOR OR INTERFERES WITH MAINTENANCE ENTITY'S REGULAR MOWING OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOWING UNTIL ALL SUCH HINDRANCES ARE REMOVED SO THAT REGULAR MAINTENANCE ENTITY MOWING CAN BE RESUMED. THE CONTRACTOR SHALL MEET THE MOWING REQUIREMENTS ESTABLISHED BY THE DEPARTMENT'S MAINTENANCE RATING PROGRAM (MRP). CONTACT THE LOCAL FDOT MAINTENANCE OFFICE FOR DETAILS (352.732.1338)
- ALL UTILITY LOCATE FLAGS SHALL BE REMOVED BY THE CONTRACTOR WHEN THEY ARE NO LONGER NEEDED.
- REVIEW AND COMPLY WITH THE "SPECIAL PROVISIONS" AND OTHER ATTACHMENTS TO THE FDOT PERMIT FOR THIS PROJECT.
- CALL "FLORIDA SUNSHINE ONE-CALL" FOR UTILITY LOCATION SERVICES AT LEAST 2 BUSINESS DAYS PRIOR TO CONSTRUCTION (1-800-432-4770).
- COORDINATE ALL UTILITY CLEARANCES WITH THE OWNER OF SUCH UTILITIES PRIOR TO CONSTRUCTION COMMENCEMENT.
- CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS AFFECTED BY PROPOSED CONSTRUCTION ACTIVITIES IN ADVANCE OF SUCH OPERATIONS IN ACCORDANCE WITH FDOT AND/OR CITY OF OCALA NOTIFICATION REQUIREMENTS.
- A PRE-CONSTRUCTION CONFERENCE SHALL BE CONDUCTED BY THE CITY OF OCALA WITH THE CONTRACTOR AND FDOT PERSONNEL.

PROJECT SPECIFIC NOTES:

- RESIDENTIAL DRIVEWAYS ARE SHOWN AS CONCRETE. EXCEPT WHERE AN EXISTING OR PROPOSED DRAINAGE PIPE EXISTS OR WHERE OTHERWISE INDICATED, CONTRACTOR MAY, AT HOMEOWNER'S REQUEST, SUBSTITUTE ASPHALT PAVEMENT FOR CONCRETE EXCEPT WHERE THE SIDEWALK CROSSES THE DRIVEWAY. RESIDENTIAL ASPHALT DRIVEWAYS SHALL CONFORM TO THE CITY OF OCALA DRIVEWAY STANDARDS.
- FOR PROJECTS WHERE MAILBOXES ARE TO BE RELOCATED AND/OR REMOVED, CONTRACTOR SHALL NOTIFY THE POSTMASTER OF THE OCALA POST OFFICE NO LESS THAN 7 BUSINESS DAYS (EXCLUDING WEEKENDS AND POSTAL HOLIDAYS).
- CONTRACTOR SHALL APPLY FOR A CITY ROW PERMIT NO LESS THAN 5 BUSINESS DAYS PRIOR TO STARTING WORK. CONTRACTOR SHALL ATTACH TO SUCH APPLICATION A SCHEDULE OF PROJECTS LISTING THE WEEK(S) THAT EACH PROJECT IS EXPECTED TO BE WORKED ON.
- EXISTING TREES, BUSHES, PLANTS, AND OTHER APPURTENANCES MAY NEED TO BE REMOVED TO ACCOMMODATE PROPOSED SIDEWALK. ABOVE-GROUND UTILITIES AND DRAINAGE INLETS WILL REQUIRE DEVIATION EXCEPT WHERE NOTED ON THE PLANS. SEE DEVIATION DETAILS SHEET 12. MANHOLES AND VALVE AND METER COVERS WITHIN PROPOSED SIDEWALK SHALL BE ADJUSTED TO MATCH SIDEWALK GRADE.
- SIDEWALKS, INCLUDING PORTIONS OF DRIVEWAYS (EXISTING OR PROPOSED) WITHIN SIDEWALK PATH, SHALL COMPLY WITH ADA ACCESSIBILITY STANDARDS. WHERE EXISTING DRIVEWAYS ARE NOT COMPLIANT, CONTRACTOR TO REMOVE AND REPLACE. PLANS SHOW A SURVEY-BASED ESTIMATE OF WHERE DRIVEWAY REPLACEMENT SHOULD OCCUR, BUT CONTRACTOR SHOULD VERIFY EXISTING GRADES IN THE FIELD.
- WHERE EXISTING PHYSICAL CONSTRAINTS MAKE IT IMPRACTICABLE FOR ALTERED ELEMENTS, SPACES, OR FACILITIES TO COMPLY WITH THE REQUIREMENTS FOR NEW CONSTRUCTION, COMPLIANCE IS REQUIRED TO THE EXTENT PRACTICABLE WITHIN THE SCOPE OF THE PROJECT.
- WHERE ROADWAY PAVEMENT IS MILLED, GROUND FOR RECLAIM, OR OTHERWISE INSTALLED OR REPLACED, TEMPORARY STRIPING AND MARKING SHALL BE PART OF THIS CONTRACT AND SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. TEMPORARY STRIPING SHALL BE WATER-BASED PAINT. TEMPORARY STOP LINES SHALL BE INSTALLED IMMEDIATELY AFTER NEW SURFACE IS IN PLACE WHERE STOP LINES ARE SHOWN ON THE PLANS; ALL OTHER TEMPORARY STRIPING AND MARKING SHALL BE INSTALLED AS SOON AS POSSIBLE AFTER NEW SURFACE IS IN PLACE. CONTRACTOR SHALL BE PAID FOR ONLY ONE APPLICATION OF TEMPORARY STRIPING PER ITEM.
- THERMOPLASTIC STRIPING, AS DEFINED UNDER FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION #711, IS REQUIRED FOR FINISHED CONSTRUCTION ON CITY OF OCALA RIGHTS OF WAY. WHERE ROADWAY PAVEMENT IS INSTALLED OR REPLACED, THERMOPLASTIC STRIPING SHALL BE INSTALLED AT LEAST 14 DAYS AFTER FINAL PAVING; OTHERWISE THERMOPLASTIC STRIPING IS TO BE INSTALLED CONCURRENT TO OTHER PROJECT WORK. CONTRACTOR SHALL BE PAID FOR ONLY ONE APPLICATION OF THERMOPLASTIC STRIPING PER ITEM.
- WHERE CROSSWALKS ARE PROPOSED, CONTRACTOR TO ENSURE THAT ANY EXISTING STOP LINES ARE MIN. 4' FROM THE PROPOSED CROSSWALK LINES; IF PROPOSED CROSSWALK LINES ARE WITHIN 4' OF EXISTING STOP LINES, CONTRACTOR TO GRIND AND REPLACE STOP LINES MIN. 4' AWAY FROM CROSSWALK LINES.
- WHERE TREE ROOT SYSTEMS ARE DISRUPTED BY THE PROJECT, PROVIDE CAMBISTAT INJECTIONS TO EACH IMPACTED TREE NEAR THE END OF CONSTRUCTION OF THE RESPECTIVE PROJECT.

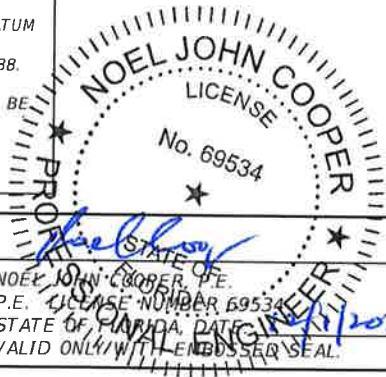
SURVEY & MAPPING NOTES:

- COORDINATES AND BEARINGS SHOWN HEREON ARE BASED ON FLORIDA STATE PLANE COORDINATES, WEST ZONE AND WERE DERIVED FROM GPS OBSERVATIONS REFERENCED TO THE FDOT PERMANENT REFERENCE NETWORK.
- ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 AND ARE REFERENCED TO CITY CONTROL POINTS SHOWN ON THIS DRAWING.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO ENSURE ALL EXISTING SURVEY MARKERS ARE LOCATED, CLEARLY MARKED AND PROTECTED, BY THE CONTRACTORS SURVEYOR.
- ANY SURVEY MARKER, INCLUDING, BUT NOT LIMITED TO, PUBLIC LAND SURVEY SECTION CORNER MARKERS, BENCH MARKS, PROPERTY CORNERS, ETC., WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO FINAL PAYMENT.
- ADDITIONALLY, SURVEY STAKES PLACED MARKING THE LOCATIONS OF MARKERS, PROPERTY LINES, RIGHT-OF-WAY LINES, OR ANY OTHER POINT, PLACED FOR CONSTRUCTION AND SUBSEQUENTLY DISTURBED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AS NEEDED AT THE RESPONSIBILITY OF THE CONTRACTOR.
- RESETTING OF MONUMENTS AND MARKERS SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF FLORIDA AND SHOWN AS RE-SET ON AS-BUILT PLANS.
- UNLESS PRIOR AGREEMENT IS MADE, IT SHALL NOT BE THE RESPONSIBILITY OF THE CITY SURVEYOR TO REPLACE ANY SURVEY MARKERS.

IMPORTANT NOTE TO CONTRACTOR:

PORTIONS OF THESE PLANS HAVE BEEN PREPARED BASED UPON THE CITY OF OCALA'S 2009 PLANIMETRIC DRAWINGS PREPARED BY AERIAL CARTOGRAPHICS, INC. WITH AERIAL PHOTOGRAPHY DATES OF 3/29/09 AND 3/30/09. HORIZONTAL DATUM IS BASED ON THE CITY OF OCALA G.P.S. DERIVED THREE MILE CONTROL GRID, UTILIZING THE NORTH AMERICAN DATUM 1983, 1990 ADJUSTMENT OF THE STATE PLANE COORDINATES, FLORIDA WEST ZONE (902). VERTICAL DATUM IS BASED ON THE CITY OF OCALA G.P.S. DERIVED THREE MILE CONTROL GRID, UTILIZING THE NORTH AMERICAN VERTICAL DATUM OF 1988.

THE CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING UTILITIES IN THE PROJECT AREA AND OTHER UTILITIES WHICH MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES. THE CITY OF OCALA WILL MAKE AVAILABLE TO THE CONTRACTOR AWARDED THE PROJECT ALL RELEVANT UTILITY INFORMATION IN THE AREA WITHIN ITS POSSESSION



REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
					<h1>GENERAL NOTES</h1>	
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Exhibit B - Plan Set

ENVIRONMENTAL NOTES:

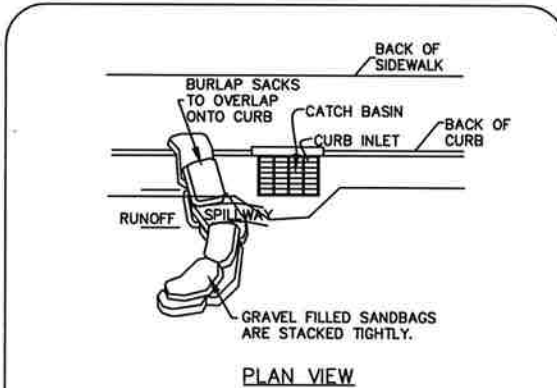
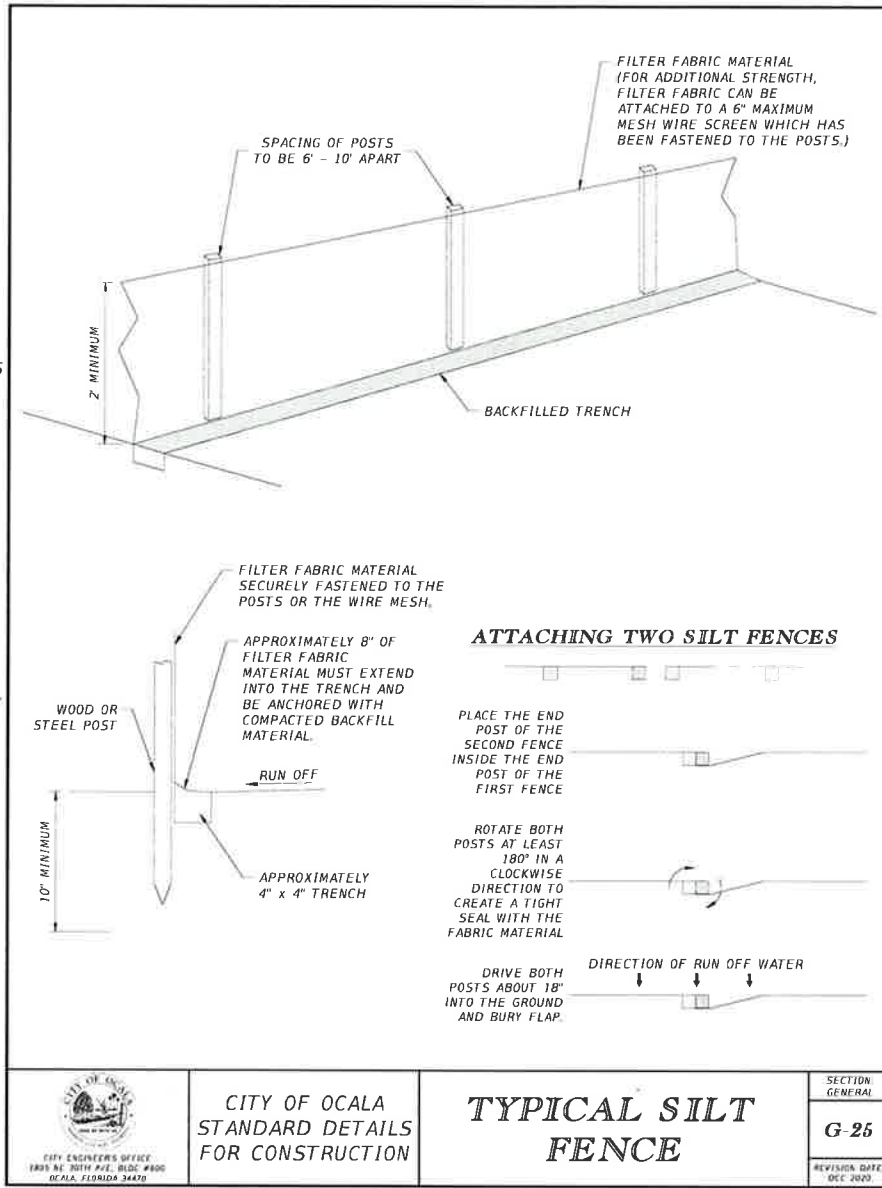
1. THE CITY OF OCALA OPERATES UNDER A FDEP NPDES 'GENERAL PERMIT' THAT REQUIRES THE CITY AND, IN TURN, ITS CONTRACTORS TO FOLLOW CERTAIN ENVIRONMENTAL PRACTICES AND PROCEDURES TO PREVENT THE POLLUTION OF THE CITY'S GROUNDWATER AND STORMWATER SYSTEM.
2. ALL WATER COLLECTED AND PUMPED DURING TRENCH DEWATERING ACTIVITIES SHALL BE DISPOSED OF IN UPLAND AREAS INTO DISCHARGE LOCATIONS THAT SHALL BE A MINIMUM OF 75 FEET FROM THE NEAREST WATER BODY OR WETLAND AREA TO ALLOW FOR MAXIMUM OVERLAND FILTRATION OF SOIL PARTICLES.
3. STAKED SILT SCREEN, TURBIDITY BARRIERS OR OTHER PERIMETER CONTROL METHODS APPROVED BY FDEP SHALL BE UTILIZED AS SILT BARRIERS AND PLACED IN LOCATIONS SHOWN ON THE PLANS AND AT OTHER LOCATIONS AS REQUIRED TO KEEP SEDIMENT FROM REACHING PRIVATE PROPERTY. THESE BARRIERS SHALL BE INSTALLED BEFORE COMMENCING WITH ANY CONSTRUCTION WITHIN OR ADJACENT TO PRIVATE PROPERTY. THE CONTRACTOR SHALL MONITOR AND MAINTAIN ALL SILT BARRIERS AND FENCING INCLUDING DAILY INSPECTIONS TO CHECK THEIR INTEGRITY. ANY LOOSE OR DAMAGED SILT BARRIERS AND FENCING SHALL BE IMMEDIATELY REPAIRED OR REPLACED AS NECESSARY. ONCE CONSTRUCTION IS COMPLETED AND FINISHED GRADING AND STABILIZATION HAS BEEN ACHIEVED, SILT BARRIERS AND FENCING SHALL BE COMPLETELY REMOVED TO THE SATISFACTION OF THE ENGINEER AND BEFORE FINAL ACCEPTANCE.
4. THE CONTRACTOR SHALL NOT REMOVE ANY TREES WITHOUT COORDINATING SUCH REMOVAL WITH THE ENGINEER. IF ANY TREES ARE REMOVED IN WETLAND JURISDICTIONAL, OR NATIVE VEGETATION AREAS WITHOUT PROPER AUTHORIZATION, CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A DETAILED RESTORATION AND/OR MITIGATION PLAN, SUBMITTING PLAN TO AND OBTAINING APPROVAL FROM FDEP, WATER MANAGEMENT DISTRICT, CITY, OWNER AND ENGINEER, AND COMPLETING ANY MONITORING AND MAINTENANCE REQUIREMENTS IMPOSED AS A RESULT OF TREE REMOVAL.
5. IF DEWATERING IS CONDUCTED ADJACENT TO SW 1ST AVENUE, SW 5TH STREET OR SW 3RD STREET, THERE IS THE POTENTIAL TO ENCOUNTER CONTAMINATED GROUND WATER. IF GROUNDWATER IS ENCOUNTERED IN THIS AREA, CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF GROUNDWATER IS CONTAMINATED, OBTAINING APPROPRIATE DEWATERING PERMITS, AVOIDING SPREADING OR DISCHARGE OF CONTAMINATED WATER, AND ALL CONTAMINATION RELATED WORKER SAFETY ISSUES
6. THE USFWS STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE WILL BE IMPLEMENTED DURING CONSTRUCTION.

THE CONTRACTOR SHALL:

7. HANDLE, COLLECT, AND DISPOSE OF HAZARDOUS MATERIALS, SANITARY WASTE, AND CONSTRUCTION WASTE MATERIALS ACCORDING TO THE APPLICABLE STATE LAWS AND REGULATIONS, CITY ORDINANCES, OR AS DIRECTED BY THE CITY.
8. DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE AN CONCRETE TRUCK DRUM WASH WATER. INSTALL A CONTAINMENT BERM AROUND THIS DESIGNATED AREA TO PREVENT RUNOFF BEYOND THE DESIGNATED AREA. ALL SURPLUS CONCRETE SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO FINAL INSPECTION.
9. STORE AND USE PETROLEUM AND OTHER HAZARDOUS PRODUCTS ACCORDING TO RECOMMENDED PROCEDURES.
10. FOLLOW GOOD HOUSEKEEPING PRACTICES TO MINIMIZE THE RISK OF SPILLS OR UNINTENDED EXPOSURE OF PETROLEUM AND OTHER HAZARDOUS MATERIALS TO STORMWATER RUNOFF OR SEEPAGE INTO THE GROUNDWATER.
11. HAVE PRE-PREPARED PROCEDURES CLEARLY POSTED FOR SPILL CONTAINMENT AND CLEAN-UP.
12. HAVE READILY AVAILABLE REMEDIATION MATERIALS FOR SPILL CONTAINMENT AND CLEAN-UP.
13. UPON RELEASE, IMMEDIATELY INITIATE RECOMMENDED METHODS FOR SPILL CONTAINMENT AND CLEAN-UP.
14. WITHIN 24-HOURS OF THE SPILL/RELEASE, NOTIFY THE 'STATE WARNING POINT' (AT 1.800.320.0519 OR 1.850.413.9911) OF ALL RELEASES EQUAL TO OR EXCEEDING THE REPORTABLE QUANTITY.

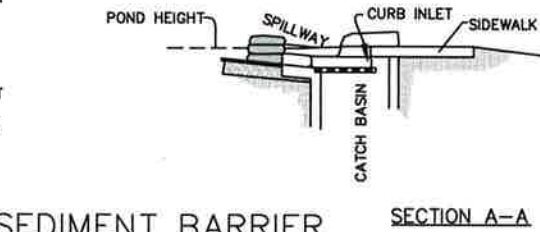
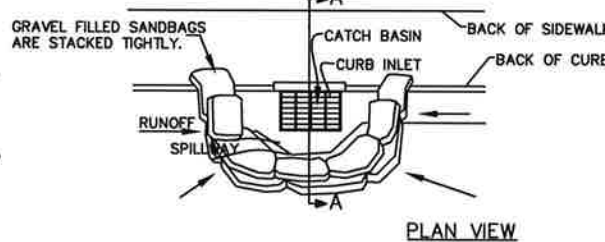
EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PREVENT THE DISCHARGE OF SEDIMENT DUE TO CONSTRUCTION OPERATIONS. ALL NEW AND EXISTING DRAIN PIPES AND STRUCTURES SHALL BE FLUSHED CLEAN PRIOR TO FINAL PAYMENT.
2. ALL STORM SEWER INLETS SHALL BE PROTECTED SO THAT SEDIMENT LADEN WATER WILL NOT ENTER THE STORM SYSTEM WITHOUT FIRST BEING FILTERED (SEE SHEET 55 FOR DETAILS). THIS INCLUDES ALL INLETS SHOWN ON THE PLANS AS WELL AS CERTAIN INLETS NOT ON THE PLANS, SEE SHEET 25 FOR A SCHEDULE OF THESE OTHER INLETS.
3. ALL DISTURBED AREAS ARE TO BE SODDED. ALL STABILIZATION PRACTICES SHALL BE PERFORMED AS SOON AS PRACTICAL AT LOCATIONS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER IS ACHIEVED AND, IN THE OPINION OF THE ENGINEER, PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY, TO SURVIVE ADVERSE WEATHER CONDITIONS.
4. STAKED SILT FENCE SHALL BE PLACED IN ACCORDANCE WITH CITY OF OCALA SPECIFICATIONS (SEE DETAIL G-25, THIS SHEET).
5. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ALL FERTILIZERS, HYDROCARBON, OR OTHER CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
6. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE DAMPENED WITH WATER AS REQUIRED FOR DUST CONTROL.
7. THE CONTRACTOR WILL ADHERE TO ALL STATE AND LOCAL REGULATIONS.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES AFTER THE NOTICE OF TERMINATION. MAINTENANCE AND REPAIR REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE PROJECT COST.
9. TOXIC SUBSTANCES SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO THE EPA'S STANDARD PRACTICES.
10. THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:
 - A. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER.
 - B. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
 - C. ALL POLLUTION CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
 - D. BUILT UP SEDIMENT WILL BE REMOVED FROM STAKED SILT FENCE WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE SILT FENCE.
11. POLLUTION CONTROL MEASURES SHALL BE INSPECTED DAILY. WRITTEN DOCUMENTATION OF INSPECTIONS SHALL BE WRITTEN EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF A RAIN EVENT OF 0.5 INCHES OR GREATER.
12. THE CONTRACTOR WILL PROVIDE THE CITY OF OCALA WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL REPORTING AND RESPONSE. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE PROJECT ENGINEER.



NOTES

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEDIMENTS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS, OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.



CURB AND GUTTER SEDIMENT BARRIER

1. PLACE GRAVEL FILLED BURLAP BAGS ON GENTLY SLOPING STREET SEGMENTS ACCORDING TO THE SPACING CHART. (SEE PLATE 4.08p)
 2. PLACE TWO OR MORE BAGS AT EACH INTERVAL IN A MANNER WHICH PROVIDES MAXIMUM SUPPORT
 3. WHEN STACKING SEVERAL BAGS HIGH, LEAVE A ONE BAG GAP TO PROVIDE AN OVERFLOW SPILLWAY.
 4. SEDIMENTS MUST BE REMOVED AFTER EACH RAIN EVENT.
- MAINTENANCE**
1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIR MADE AS NEEDED.
 2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS TO 3/4 OF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
 3. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				OCALA CITY ENGINEER'S OFFICE	STORMWATER POLLUTION PREVENTION PLAN	4

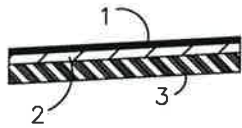
NOEL JOHN COOPER
P.E.
LICENSE NUMBER 69534
STATE OF FLORIDA
VALID ONLY WITH COMBINED SEAL

ABBREVIATIONS & SYMBOLOGY

	C.M.	CONCRETE MONUMENT
	PP	POWER POLE
	LP	LAMP POLE
	GA	GUY ANCHOR
		SIGN
	MB	MAILBOX OR NEWSPAPER BOX
		TELEPHONE RISER
		TELEPHONE MANHOLE
	STM. MH	STORM MANHOLE
		CATCH BASIN
	WV	WATER VALVE
	WM	WATER METER
	FH	FIRE HYDRANT
	GV	NATURAL GAS VALVE
		SANITARY MANHOLE
		SANITARY CLEANOUT
	MES	MITERED END SECTION
	EXIST.	EXISTING
	PROP.	PROPOSED
	TYP.	TYPICAL
	MTL	METAL
	WD	WOOD
	TOB	TOP OF BANK
	TOE	TOE OF SLOPE
	WRA	WET RETENTION AREA
	DRA	DRY RETENTION AREA
	ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
	CMP	CORRUGATED METAL PIPE
	PED	PEDESTRIAN
	FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
	SPI	STANDARD PLANS INDEX (NUMBER)
	MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	CP	CONTROL POINT
	BOS	BACK OF SIDEWALK
	PGL	PROFILE GRADE LINE
	ES	EXISTING DRAINAGE STRUCTURE
	QTY	QUANTITY
	NO.	NUMBER
	TEMP.	TEMPORARY
	GLF	GROSS LINEAR FOOT

LEGEND

	EXISTING DRAINAGE PIPE		PROPOSED DRAINAGE PIPE
	EDGE OF EXISTING CURB		EDGE OF PROPOSED CURB
	EDGE OF EXISTING SIDEWALK		EDGE OF PROPOSED SIDEWALK
	EDGE OF EXISTING DRIVEWAY (ALL TYPES)		EDGE OF PROPOSED DRIVEWAY (ALL TYPES)
	EXISTING FENCES		PROPOSED ALUMINUM PIPE HANDRAIL
	EXISTING OVERHEAD POWER		PROPOSED STRIPING
	EXISTING TOP OF BANK/TOE OF SLOPE		TEMPORARY CONSTRUCTION EASEMENT LINE
	EXISTING POTABLE WATER		EXISTING SANITARY FORCE MAIN
	EXISTING SANITARY SEWER		
	EXISTING BURIED TELEPHONE LINE		
	EXISTING BURIED NATURAL GAS LINE		
	RIGHT-OF-WAY (R/W) LINE		
	EDGE OF EXISTING PAVEMENT		
	EXISTING STRIPING TO BE RETAINED (LONGITUDINAL LINES WITHIN EXIST. CROSSWALKS NOT SHOWN FOR CLARITY.)		
	EXISTING STRIPING TO BE REMOVED		
	PALM TREE		
	OAK TREE		
	OTHER TREES (NOTE: NOT ALL INCLUSIVE)		



ASPHALT PAVEMENT DETAIL

NOT TO SCALE

ASPHALT KEYNOTE LEGEND

- 1 SP 12.5 ASPHALT (THICKNESS VARIES BY PROPOSED GRADE)
- 2 EXIST. LIMEROCK BASE
- 3 EXIST. STABILIZED SUB-GRADE

ASPHALT THICKNESS NOTE

WHERE A VARYING DEPTH OF SP 12.5 IS CALLED FOR IN THE PLANS AND THE PROPOSED GRADE ABOVE EXISTING GRADE IS AT LEAST 2" BUT NO MORE THAN 5", CONTRACTOR SHALL APPLY 2 LIFTS OF SP 12.5" ASPHALT. CONTRACTOR SHALL MAKE THE LIFTS EQUAL TO A TOLERANCE OF $\pm\frac{1}{4}$ ", BUT IN NO CASE SHALL MAKE ANY LIFT LOWER THAN 1.5" OR HIGHER THAN 3". IN THE AREAS ADJACENT WHERE THE PROPOSED GRADE IS BETWEEN $\frac{1}{2}$ " AND 2" ABOVE EXISTING GRADE, CONTRACTOR TO TAPER THE BOTTOM LIFT LEAVING THE TOP LIFT AT A CONSTANT 1.5" DEPTH.

WHEN MAXIMUM PROPOSED GRADE ABOVE EXISTING GRADE EXCEEDS 5", CONTACT ENGINEER.

THE HATCHING AND SYMBOLOGY WITHIN THE ROADWAY PLAN SHEETS ARE DEFINED AS FOLLOWS:

	4" CONCRETE (MIN. 3,000 PSI) (BID ALTERNATE)		6" CONCRETE W/ FIBER MESH REINFORCEMENT (MIN. 3,000 PSI) (BID ALTERNATE)
	PROPOSED COMMERCIAL ASPHALT DRIVEWAY (SEE DETAIL 11)		DETECTABLE WARNING SURFACE (RED BRICK COLOR WHERE APPLICABLE)
	RECLAIM ASPHALT PAVEMENT AND BASE ADD 2" SP 12.5 ASPHALT		ASPHALT MILL & FILL (1" MILL, SP 12.5 FILL, DEPTH AS REQUIRED, SEE ASPHALT PAVEMENT DETAIL)

REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				NOEL JOHN COOPER P.E. LICENSE NUMBER 69534 STATE OF FLORIDA VALID ONLY WITH EMPLOYER SEAL	LEGEND AND ABBREVIATIONS	5

Exhibit B - Plan Set

ITEM No.	ITEM DESCRIPTION	UNIT	QTY.
FDOT-425-1-201	Type 9 Stormwater Inlet, 0-6' Depth	EA	3
FDOT-425-1-325	Convert Exist. Grate to Type 2 Stormwater Inlet	EA	1
FDOT-425-1-351	Type 5 Stormwater Inlet, Max 12' Depth	EA	2
FDOT-425-1-531	Modified Type C Stormwater Inlet, 0-6' Depth	EA	1
FDOT-425-1-910	Closed Flume Inlet	EA	1
FDOT-425-2-043	Convert Inlet Top to Manhole	EA	3
FDOT-425-11-115	Connect 15" Pipe to Existing Structure	EA	2
FDOT-425-11-118	Connect 18" Pipe to Existing Structure	EA	1
FDOT-430-96-115	15" Concrete Collar to Existing Piping	EA	1
FDOT-430-96-118	18" Concrete Collar to Existing Piping	EA	1
FDOT-430-96-124	24" Concrete Collar to Existing Piping	EA	3
FDOT-430-963-1	Stormwater Piping: PVC, F&I, 4" for Back of Sidewalks	LF	62
FDOT-711-17-111	Remove Stripe/Pavement/ Message (Grind)	SF	446
G-01	Mobilization	LS	1
G-03	Project Sign	EA	2
G-05	Maintnance of Traffic*	LS	1
G-06-1	Silt Fence	LF	16,708
G-06-2	Sediment Control: Inlet Protection	EA	39
G-08	Remove and Replace Existing Mailboxes	EA	13
G-09	Clearing and Grubbing - Light	SY	11,961.44
G-11	Excavation	CY	1,621.36
G-12	Imported Backfill Material	CY	901.34
G-15	Grading: Finish	SY	18,475.90
G-19-01	Lime Rock Base: New Material for Reworking	CY	59.26
G-19-06	Lime Rock Base: 8"	SY	233.35
G-21	Removal of Existing Concrete Sidewalks and Driveways	SY	1,895.85
G-22	Removal of Existing Concrete Curb & Gutter	LF	1,727
G-26	Asphalt Milling: 1" Depth	SY	1,341.42
G-28	Reclaimed Asphalt Pavement Base: 8"	SY	3,277.19
G-31-09	Asphalt: SP 9.5	TN	96.69
G-31-12	Asphalt: SP 12.5	TN	423.72
G-33-4	Type 4 Object Marker	EA	1

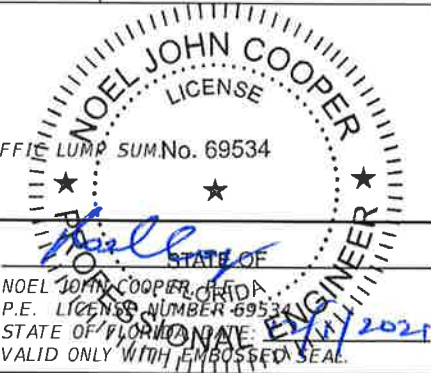
ITEM No.	ITEM DESCRIPTION	UNIT	QTY.
G-42	Stormwater Manhole: Max 12' Depth	EA	4
G-45-115	Stormwater Piping: 15" RCP	LF	40
G-45-118	Stormwater Piping: 18" RCP	LF	134
G-45-124	Stormwater Piping: 24" RCP	LF	164
G-45-215	Stormwater Piping: 12"x18" ERCP	LF	83
G-48-2	Concrete Mitered End: 15"	EA	2
G-48-3	Concrete Mitered End: 18"	EA	5
G-49	Concrete Flume	SY	2.67
G-51	Construction Survey	HR	180
G-52	As-Built Drawings	HR	110
G-53	Pipe Handrail: Aluminium	LF	18
G-55-00	Concrete Curb, Back of Sidewalk	LF	52
G-55-04	Concrete Curb, Type D	LF	40
G-55-10	Concrete Curb and Gutter, Type F	LF	3,906
G-55-30	Concrete Valley Gutter	LF	399
G-57-04	Concrete: 4" Thick Sidewalk (2500 PSI)	SY	5,954.63
G-57-06	Concrete: 6" Thick Sidewalk and Driveways (2500 PSI)	SY	634.29
G-60-C	Concrete Curb Ramp (CR - C) with Detectable Warning Surface	EA	2
G-60-D	Concrete Curb Ramp (CR - D) with Detectable Warning Surface	EA	2
G-60-E	Concrete Curb Ramp (CR - E) with Detectable Warning Surface	EA	1
G-60-F	Concrete Curb Ramp (CR - F) with Detectable Warning Surface	EA	18
G-60-G	Concrete Curb Ramp (CR - G) with Detectable Warning Surface	EA	16
G-60-L	Concrete Curb Ramp (CR - L) with Detectable Warning Surface	EA	7
G-61	Detectable Warnings on Existing Walking Surfaces, Retrofit	SF	135
G-79	Sod, Bahia	SY	7,268.37
G-87	Traffic Loops: Type F, F & I	EA	2
G-88-1	Traffic Control Sign Assembly	AS	7
G-88-2	Traffic Control Sign Assembly, Decorative	AS	7
G-89-1	Traffic Control Sign Assembly, Removal and Relocation	AS	22
G-89-2	Traffic Control Sign Assembly, Removal w/o Relocation	AS	2
G-90	Reflective Pavement Marker	EA	81
G-92-031	Temporary Striping: 6" Skip 10'-30' Yellow or White (gross)	GLF	40

ITEM No.	ITEM DESCRIPTION	UNIT	QTY.
G-92-121	Temporary Striping: 6" Solid White	LF	70
G-92-123	Temporary Striping: 12" Solid White	LF	656
G-92-125	Temporary Striping: 24" Solid White	LF	463
G-92-221	Temporary Striping: 6" Solid Yellow	LF	1,276
G-92-241	Temporary Striping: 6" Dotted Guide Line 2' x 4' Yellow (Gross)	GLF	264
G-93-1-031	Thermoplastic Striping: 6" Skip 10'-30' Yellow or White (gross)	GLF	40
G-93-1-121	Thermoplastic Striping: 6" Solid White	LF	70
G-93-1-123	Thermoplastic Striping: 12" Solid White	LF	1,679
G-93-1-125	Thermoplastic Striping: 24" Solid White Standard	LF	296
G-93-1-221	Thermoplastic Striping: 6" Solid Yellow	LF	1,276
G-93-1-241	Thermoplastic Striping: 6" Dotted Guide Line 2' x 4' Yellow (Gross)	GLF	264
G-93-4-125	Thermoplastic Striping: 24" Solid White Preformed	LF	839
G-94-17	Thermoplastic Pavement Marking: Arrow	EA	2
G-95-17	Painted Pavement Marking: Arrow	EA	2
W-11	Remove and Relocate Existing Fire Hydrants	EA	3
W-20-0	Adjustments: Other Utilities	EA	3
W-20-1	Adjustments: Water Valve Boxes	EA	1
W-20-2	Adjustments: Water Meters	EA	11

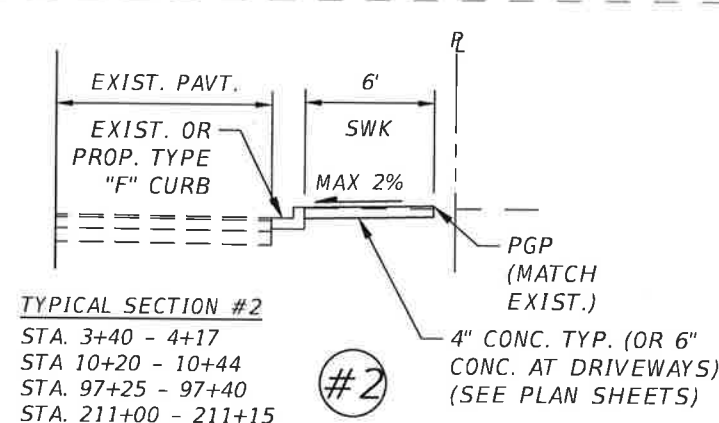
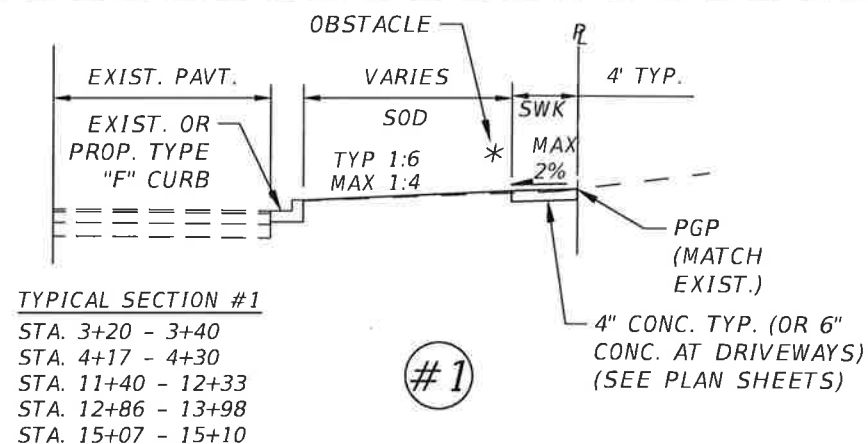
BID ALTERNATE ITEMS			
ITEM No.	ITEM DESCRIPTION	UNIT	QTY.
G-02	Maintenance And Guarantee Bond	LS	1
G-57-04	Concrete Sidewalk, 4" Thick, 3,000 PSI	SY	5954.63
G-57-06	Concrete: 6" Thick Sidewalk and Driveway, 3,000 PSI, Fiber Reinforced	SY	634.29

* = TEMPORARY TRAFFIC CONTROL SIGNAGE AND DEVICES ARE INCLUDED IN THE MAINTENANCE OF TRAFFIC LUMP SUM No. 69534

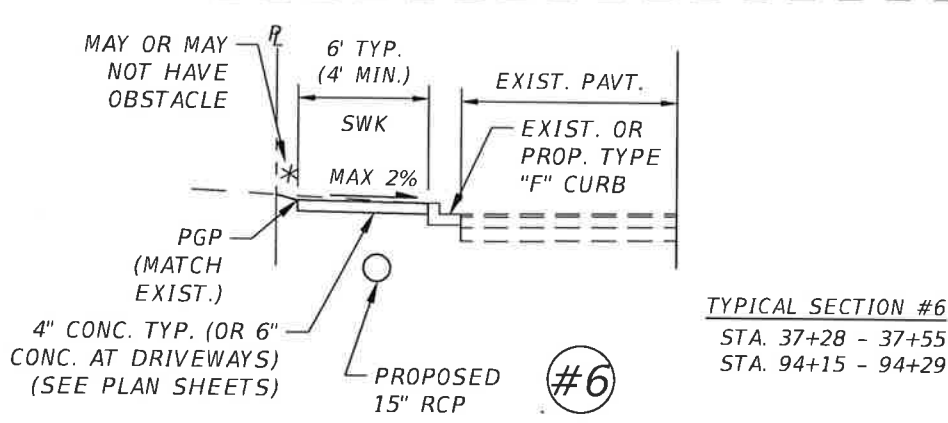
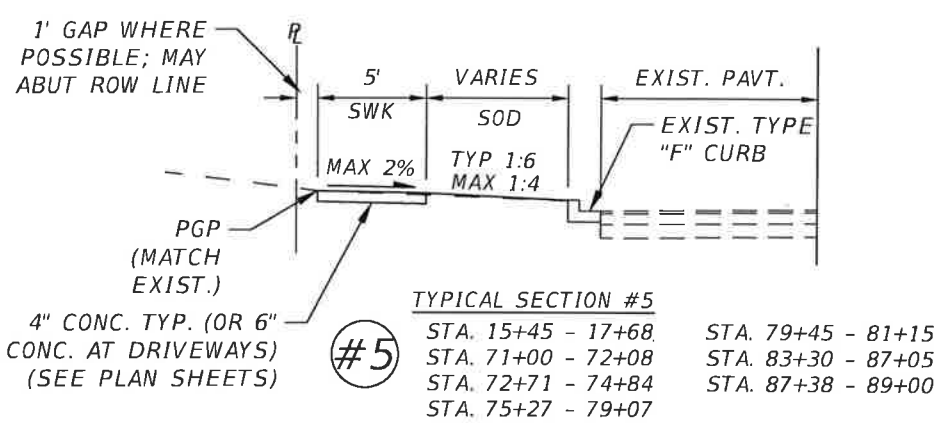
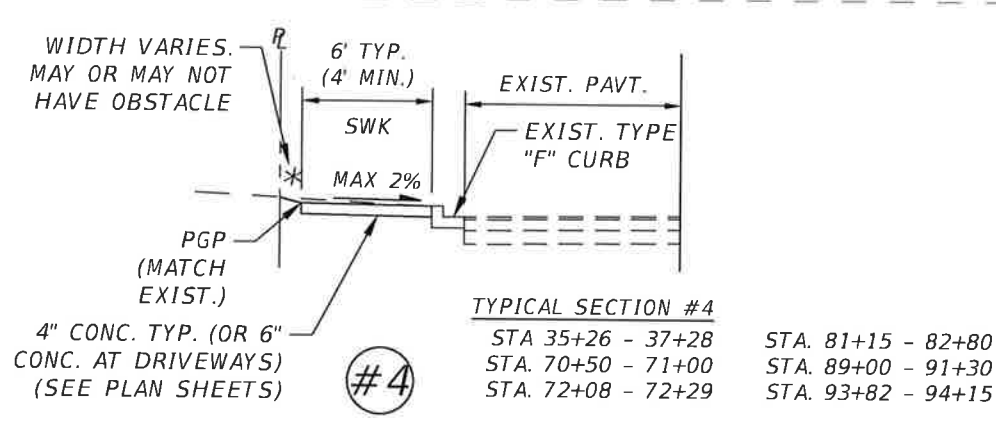
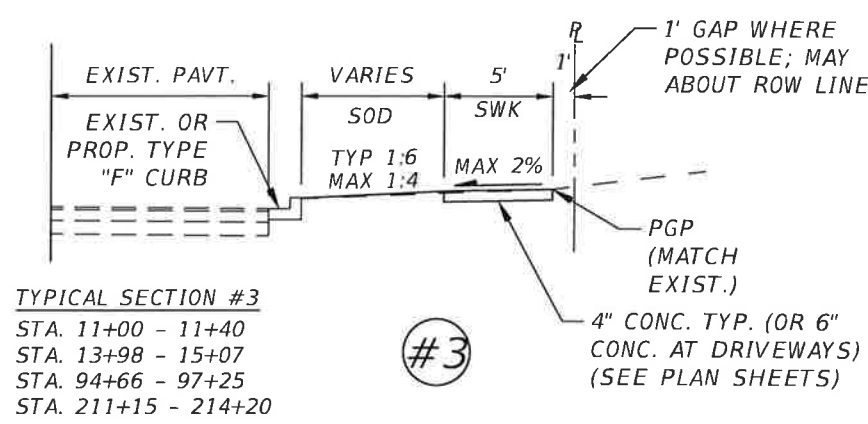
REVISIONS				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	
				6



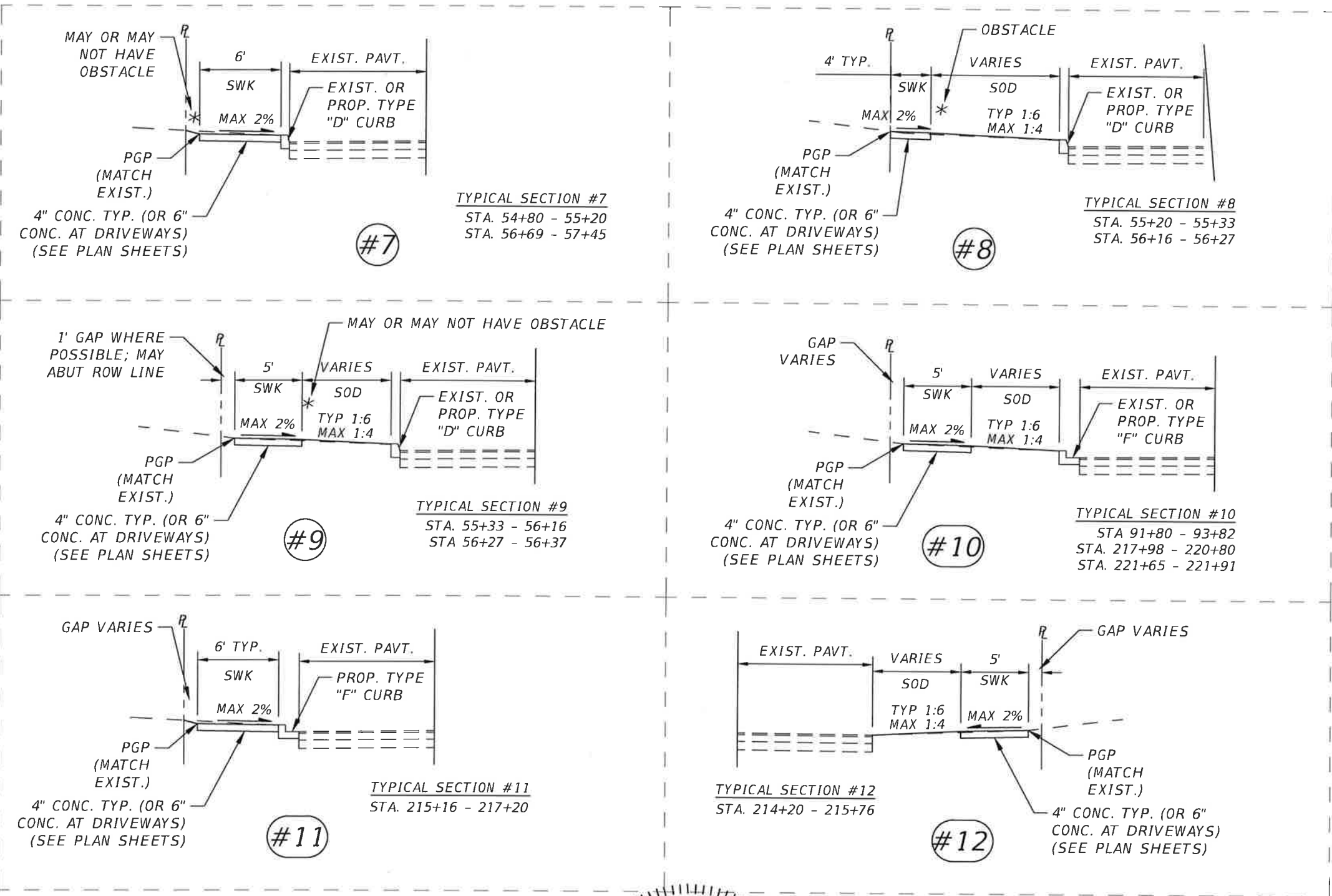
PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	
	SUMMARY OF PAY ITEMS	
Donald Marco	12/1/2021 2:33:53 PM	T:\sd-ENG-Transportation\Projects\2019\100 ROADS\19108_CITYWIDE SIDEWALK IMPROVEMENTS_FDOT



SECTIONS SHOWN ARE TYPICAL OF THE CONDITION LISTED IN THE RESPECTIVE STATION LISTS. WHERE DIVERSION AND/OR NARROWING ARE NECESSARY WITHIN THESE LENGTHS, SEE SHEET 12. WHERE DRIVEWAYS ARE PRESENT, APPLY THE APPROPRIATE DRIVEWAY SECTION FROM SHEET 11.



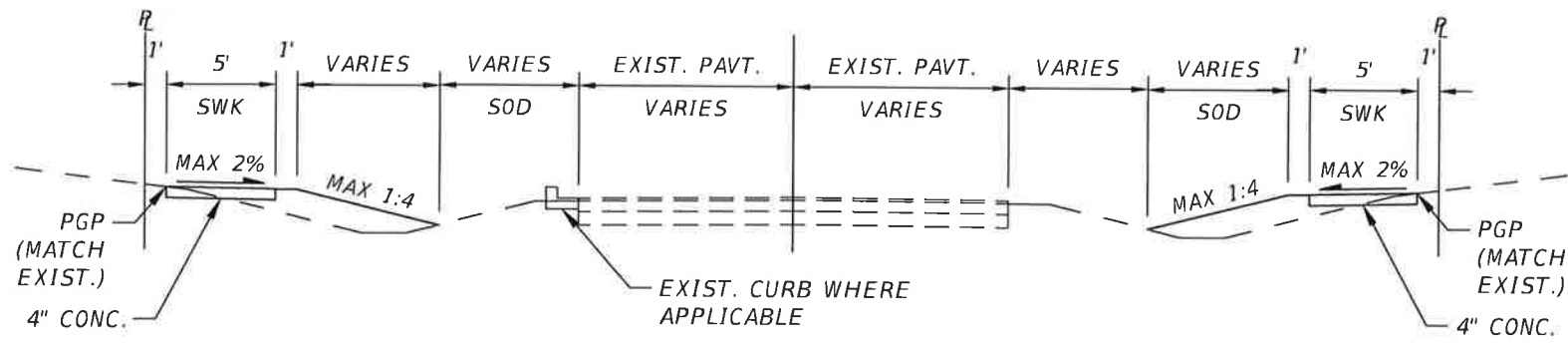
REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				OCALA City Engineer's Office	TYPICAL SECTIONS (1)	7



SECTIONS SHOWN ARE TYPICAL OF THE
CONDITION LISTED IN THE RESPECTIVE
STATION LISTS. WHERE DIVERSION AND/OR
NARROWING ARE NECESSARY WITHIN THESE
LENGTHS, SEE SHEET 12. WHERE
DRIVEWAYS ARE PRESENT, APPLY THE
APPROPRIATE DRIVEWAY SECTION FROM
SHEET 11.



REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				OCALA CITY ENGINEER'S OFFICE	TYPICAL SECTIONS (2)	8



THE SECTION SHOWN IS TYPICAL. WHERE DIVERSION AND/OR NARROWING ARE NECESSARY WITHIN THIS FACILITY, SEE SHEET 12. WHERE DRIVEWAYS ARE PRESENT, APPLY THE APPROPRIATE DRIVEWAY SECTION FROM SHEET 11.

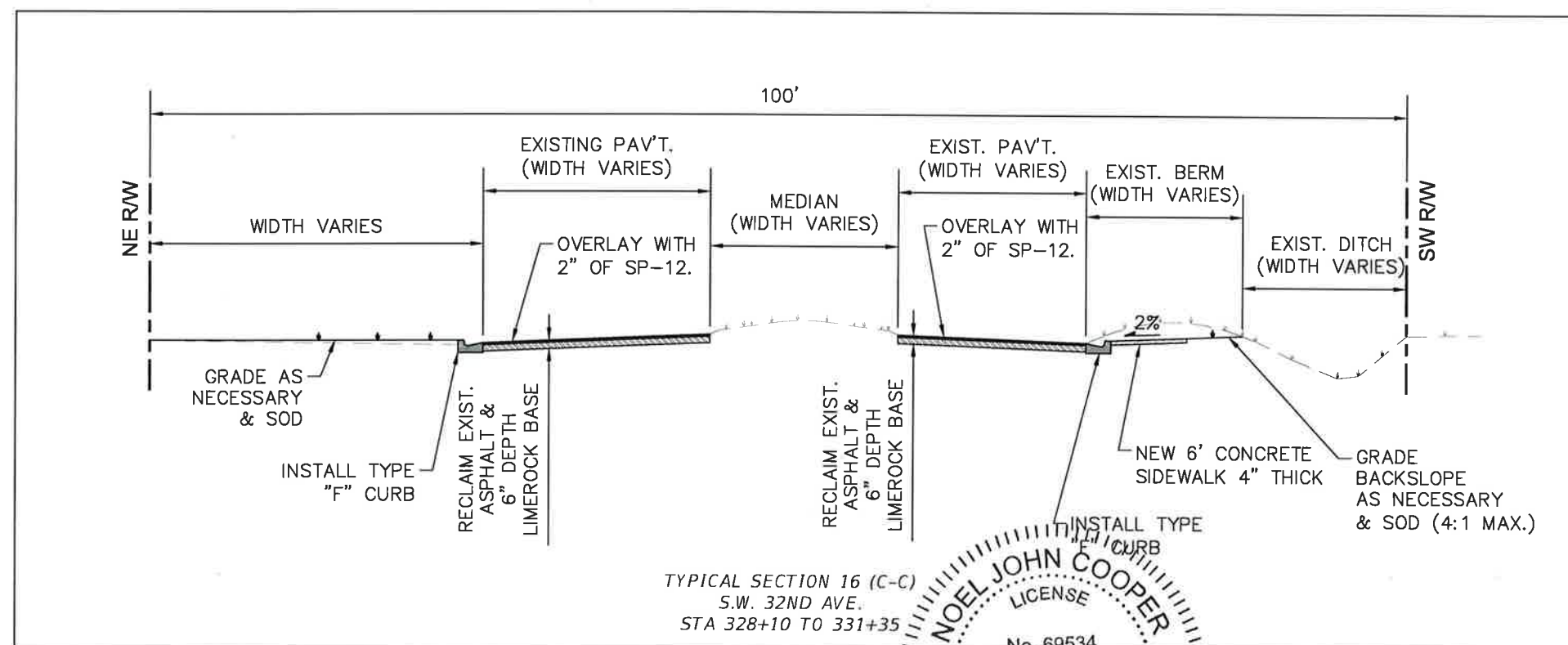
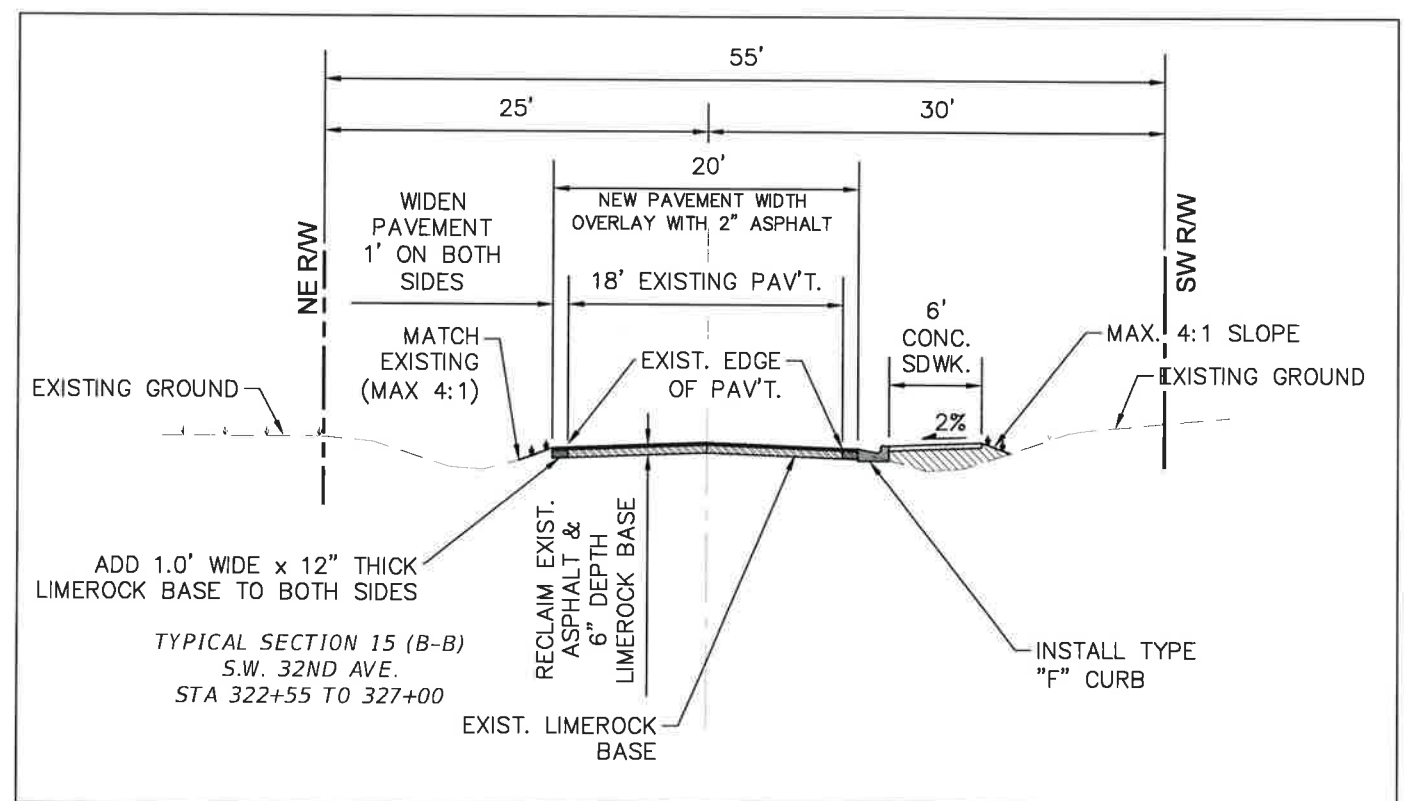
TYPICAL SECTION 13
S.E. 24TH ST.
STA 240+00 TO 257+85

LEFT SIDE APPLICABLE
STA. 240+39 - 258+27

RIGHT SIDE APPLICABLE
STA. 240+00 - 244+32
STA. 246+00 - 257+85

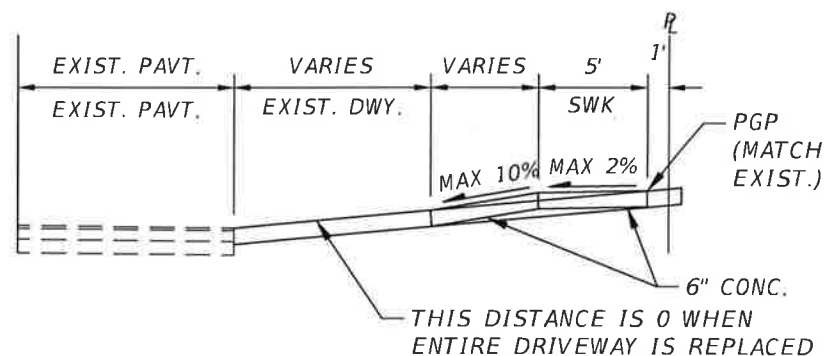


REVISIONS				DATE	DESCRIPTION	PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
						OCALA CITY ENGINEER'S OFFICE	TYPICAL SECTIONS (3) - SE 24TH ST	9

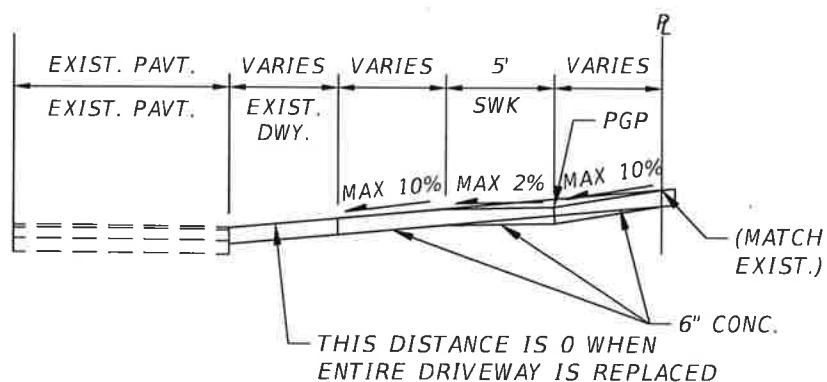


REVISIONS					PREPARED BY 	CITYWIDE SIDEWALK IMPROVEMENTS TYPICAL SECTIONS (4) - SW 32ND AVE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				

EXISTING DRIVEWAY CONNECTION SECTION



DIVERTED SIDEWALK EXISTING DRIVEWAY CONNECTION SECTION

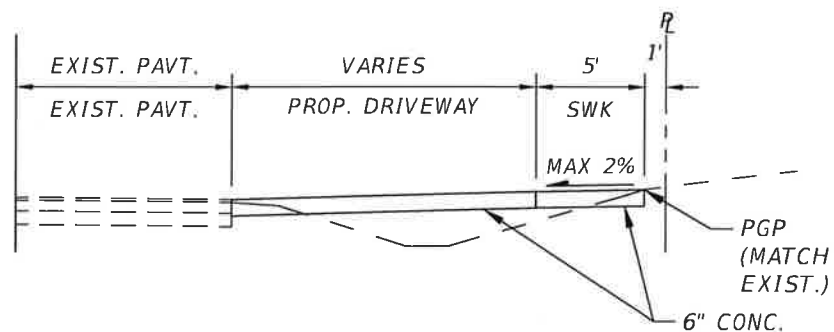


SECTIONS FOR SOUTH/EAST SIDE SHOWN.
MIRROR FOR NORTH/WEST SIDE.

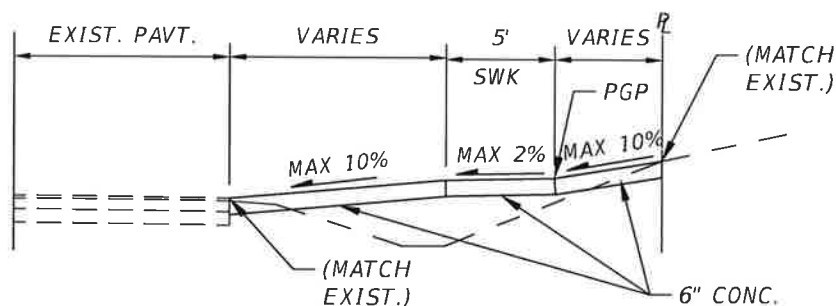
POSITIVE DRAINAGE TO EXISTING ROAD
SHOWN. SOME PORTIONS MAY HAVE POSITIVE
DRAINAGE TO SIDEWALK/ROW TO FACILITATE
EXISTING DRAINAGE SWALES AND/OR
SIDEWALK/PAVEMENT FLOW LINES. TYPICAL
AND MAXIMUM SLOPES IN THESE CASES ARE
SIMILAR.

WHERE PROPOSED FULL DRIVEWAYS CANNOT
MATCH EXISTING GRADE AT ROW WITH THESE
SLOPES, CONTACT ENGINEER.

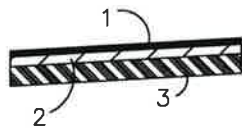
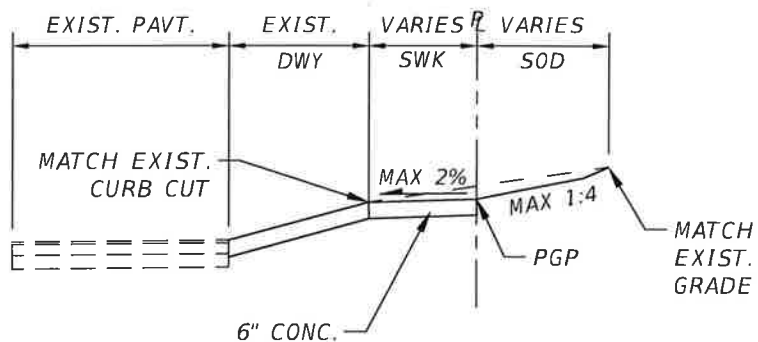
PROPOSED DRIVEWAY SECTION



DIVERTED SIDEWALK PROPOSED DRIVEWAY SECTION



SIDEWALK W/ EXISTING CURB CUT



ASPHALT DRIVEWAY DETAIL

NOT TO SCALE

ASPHALT KEYNOTE LEGEND

- 1 SP 9.5 ASPHALT (COMMERCIAL 1.5", RESIDENTIAL ALT. 1")
- 2 LIMEROCK BASE (COMMERCIAL 8", RESIDENTIAL ALT. 6")
- 3 STABILIZED SUB-GRADE (LBR-40)
(COMMERCIAL 10", RESIDENTIAL ALT. 8")



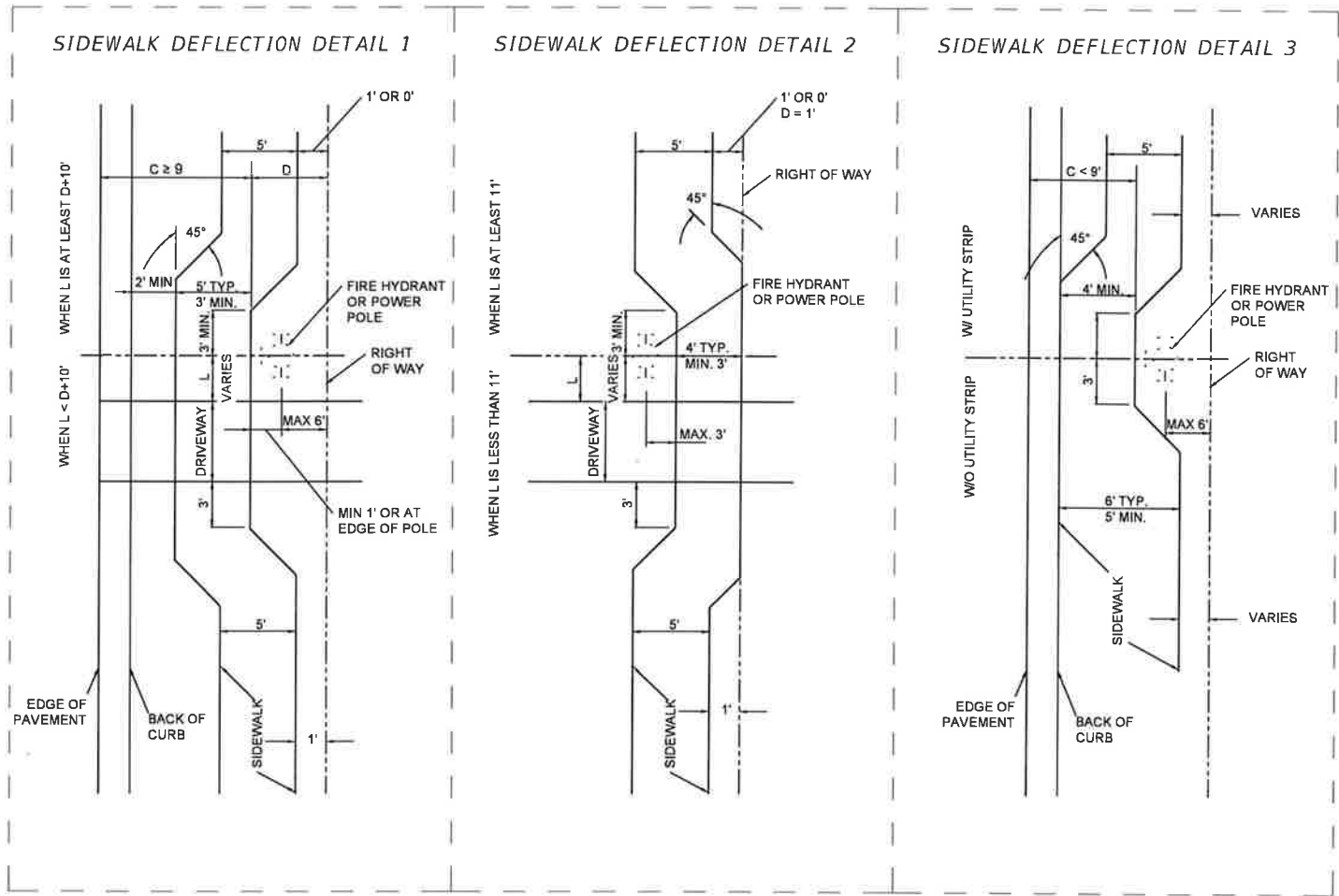
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
VALID ONLY WITH EMBOSSED SEAL

PREPARED BY
OCALA
CITY ENGINEER'S OFFICE
Donald Marco

CITYWIDE SIDEWALK IMPROVEMENTS
TYPICAL SECTIONS
(5) - DRIVEWAYS

SHEET NO.
11



DETAILS FOR SOUTH/EAST SIDE SHOWN. MIRROR ABOUT PAVEMENT FOR NORTH/WEST SIDE.

FIRE HYDRANT SHOWN FOR DIVERSION DETAIL. EXISTING POWER POLES ARE SIMILAR. OFFSET DISTANCE FOR DRAINAGE STRUCTURES IS MEASURED FROM THE CLOSER EDGE OF GRATE EXCEPT WHERE CONVERSION IS INDICATED ON PLANS. MINIMUM OFFSET DISTANCE IS 1' FOR FIRE HYDRANTS AND GUY WIRES; SIDEWALK MAY ABUT POWER POLES, DRAINAGE STRUCTURES, AND ABOVE-GROUND UTILITIES. ALL ABOVE-MENTIONED OBJECTS ARE CLASSIFIED AS "OBSTRUCTING OBJECTS". MULTIPLE OBSTRUCTING OBJECTS WITHIN TEN (10) FEET OF EACH OTHER SHOULD BE TREATED AS A SINGLE SERIES.

SIGNS AND MAILBOXES ARE NOT OBSTRUCTING OBJECTS FOR THE PURPOSES OF THESE DETAILS. OBSTRUCTING SIGNS SHOULD BE RELOCATED TO AND/OR REPLACED AT A LOCATION IN COMPLIANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). OBSTRUCTING MAILBOXES SHOULD BE RELOCATED AND/OR REPLACED PER FDOT SPI 110-200. THESE DETAILS ARE NOT APPLICABLE TO TREES, BUSHES, OR OTHER PLANTS WITHIN THE ROW.

IF AN AT-GRADE UTILITY (E.G. METER BOX, CLEAN OUT) IS WITHIN TEN (10) FEET OF OTHER OBSTRUCTING OBJECTS, CONTRACTOR TO REGRADE AT-GRADE UTILITIES SO THAT THEY ARE FLUSH WITH THE NEW GRADE AT THAT LOCATION (SIDEWALK OR SLOPE). IF AT-GRADE UTILITIES WOULD FALL ON THE SIDEWALK LINE, CONTRACTOR TO EITHER WIDEN OR NARROW SIDEWALK OR REGRADE AT-GRADE UTILITIES AS NEEDED.

IF THE DISTANCE FROM THE OBSTRUCTING OBJECT TO THE CLOSEST DRIVEWAY EDGE "L" IS LESS THAN THE DISTANCE TO THE ROW LINE "D" PLUS TEN (10) FEET, USE THE DETAIL SIDE WITH THE DRIVEWAY. WHEN L IS AT LEAST D+10, USE THE OTHER SIDE. WHEN PASSING ON THE ROW SIDE OF AN OBSTRUCTING OBJECT, "D" IS 1 FOOT. MIRROR DETAIL ABOUT LINE PASSING THROUGH FIRE HYDRANT AS NEEDED. OBSTRUCTING OBJECTS WITHIN EIGHT (8) FEET OF A DRIVEWAY MUST BE PASSED ON THE ROW SIDE; IF THIS IS NOT POSSIBLE, CONTACT ENGINEER.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
VALID ONLY WITH EMBOSSED SEAL

PREPARED BY
OCALA
CITY ENGINEER'S OFFICE

CITYWIDE SIDEWALK IMPROVEMENTS
TYPICAL SECTIONS
(6) - DIVERSIONS

SHEET NO.
12

Point Table

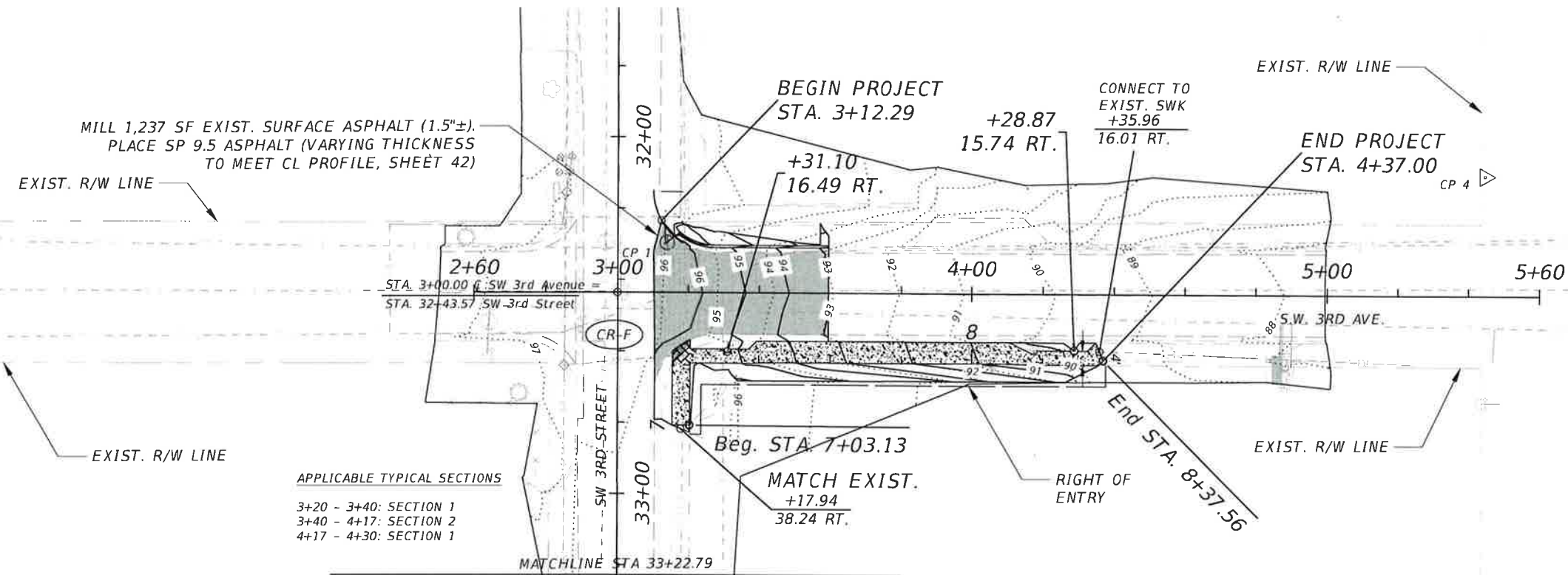
	(X) EASTING	(Y) NORTHING	SCALE FACTOR	CONVERGENCE	LATITUDE	LONGITUDE	BASELINE STATION	OFFSET	(Z) ELEVATION
1	611640.92	1763252.336	0.999943	-000° 04' 05"	029° 11' 02.706"	-082° 08' 22.337"	3+13.98	13.92 LT	95.94
2	612202.66	1763255.392	0.999943	-000° 04' 02"	029° 11' 02.743"	-082° 08' 15.999"	15+49.32	19.66 RT	88.88
3	611926.44	1763215.407	0.999943	-000° 04' 03"	029° 11' 02.344"	-082° 08' 19.115"	35+15.39	21.27 RT	96.21
4	611623.06	1763482.955	0.999943	-000° 04' 05"	029° 11' 04.989"	-082° 08' 22.541"	5+44.47	33.38 LT	85.84
5	611681.60	1762693.901	0.999943	-000° 04' 05"	029° 10' 57.178"	-082° 08' 21.870"	52+73.88	15.83 RT	105.00
11	629644.35	1771985.560	0.999942	-000° 02' 26"	029° 12' 29.337"	-082° 04' 59.293"	221+89.86	23.22 RT	69.15
14	629163.85	1772045.680	0.999942	-000° 02' 29"	029° 12' 29.929"	-082° 05' 04.716"	217+09.04	34.28 LT	72.09
20	609707.10	1766624.595	0.999944	-000° 04' 16"	029° 11' 36.069"	-082° 08' 44.201"	91+69.24	25.26 RT	81.48
21	608927.32	1766620.018	0.999944	-000° 04' 20"	029° 11' 36.014"	-082° 08' 52.999"	83+89.48	18.57 RT	78.76
22	608444.83	1766663.858	0.999944	-000° 04' 23"	029° 11' 36.442"	-082° 08' 58.444"	79+07.18	25.62 LT	78.22
37	628365.01	1756058.750	0.999942	-000° 02' 33"	029° 09' 51.647"	-082° 05' 13.597"	259+08.05	29.79 LT	77.09
38	627812.12	1756070.401	0.999942	-000° 02' 36"	029° 09' 51.758"	-082° 05' 19.833"	253+55.24	44.33 LT	69.28
39	627049.75	1755994.945	0.999942	-000° 02' 40"	029° 09' 51.005"	-082° 05' 28.432"	245+92.47	27.15 RT	68.49
40	626467.93	1755994.542	0.999942	-000° 02' 43"	029° 09' 50.996"	-082° 05' 34.995"	240+10.67	24.52 RT	72.44
42	598884.25	1754592.241	0.999945	-000° 05' 15"	029° 09' 36.797"	-082° 10' 46.107"	319+91.97	7.52 LT	74.57
43	599147.65	1754225.719	0.999945	-000° 05' 13"	029° 09' 33.172"	-082° 10' 43.130"	324+35.05	38.64 RT	81.26
44	599567.67	1754310.211	0.999945	-000° 05' 11"	029° 09' 34.015"	-082° 10' 38.394"	328+17.72	71.17 LT	83.34
45	599790.36	1754073.799	0.999945	-000° 05' 10"	029° 09' 31.677"	-082° 10' 35.878"	331+22.99	33.87 LT	96.98



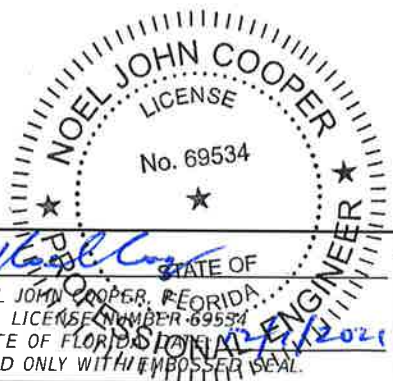
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
	SURVEY CONTROL POINTS	
Donald Marco		13

Exhibit B - Plan Set



1" = 40'





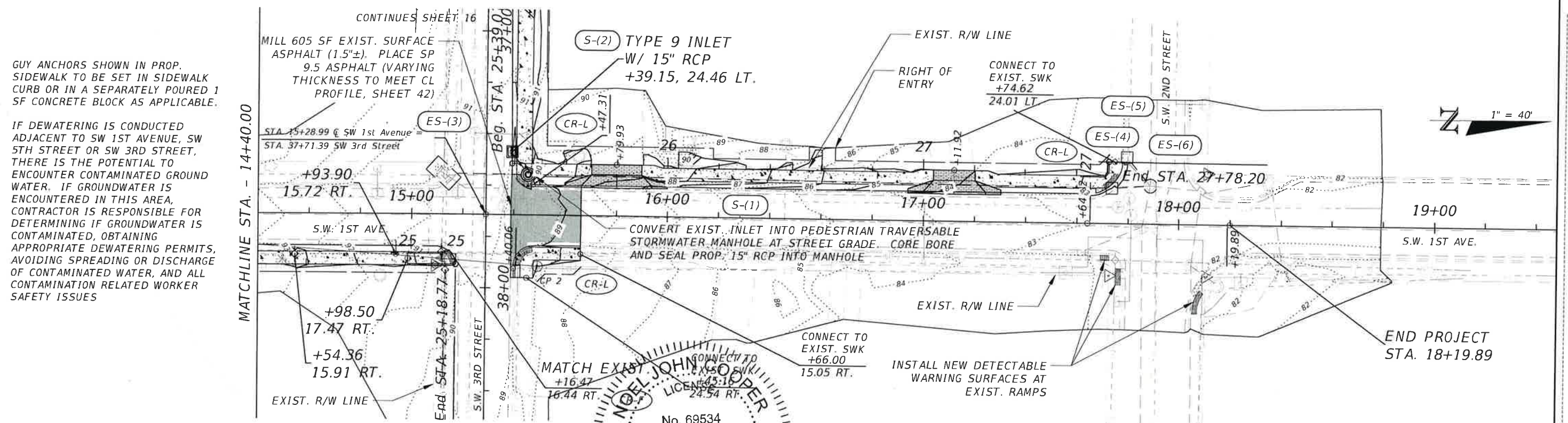
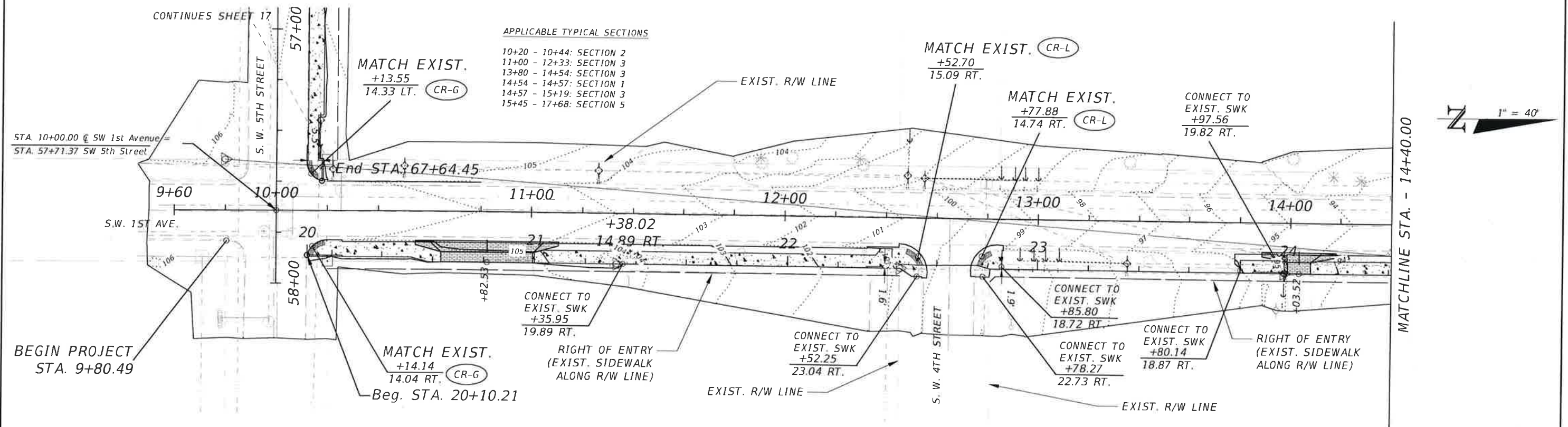
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DATE	DESCRIPTION	DATE	DESCRIPTION				

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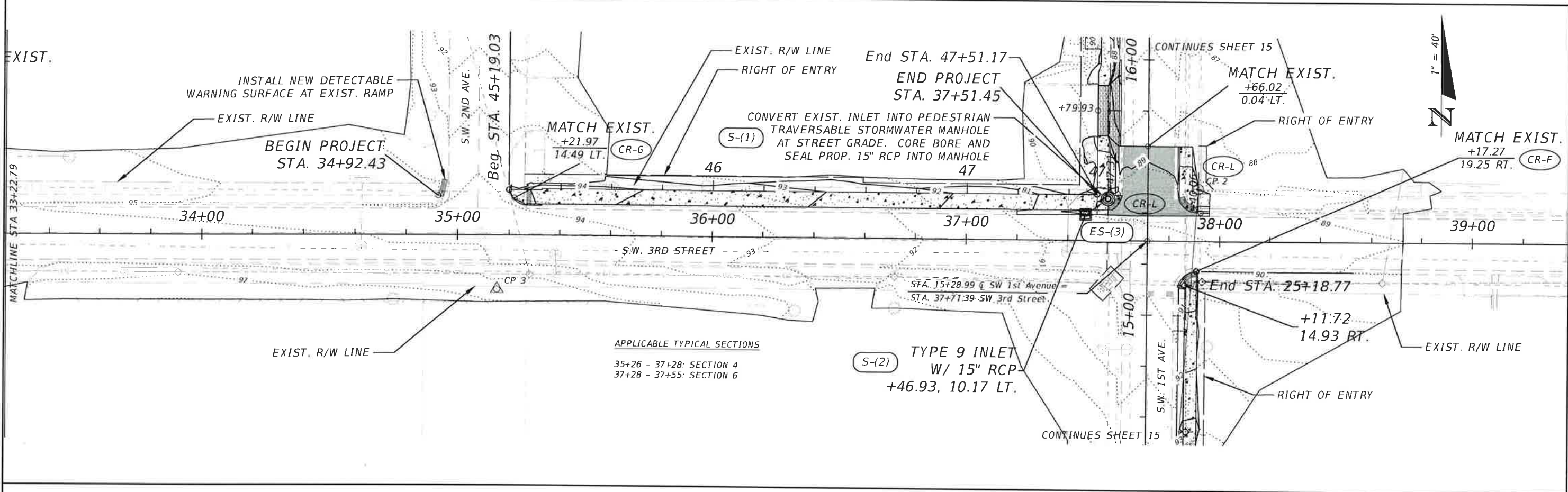
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DATE	DESCRIPTION	DATE	DESCRIPTION				

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REVISIONS			
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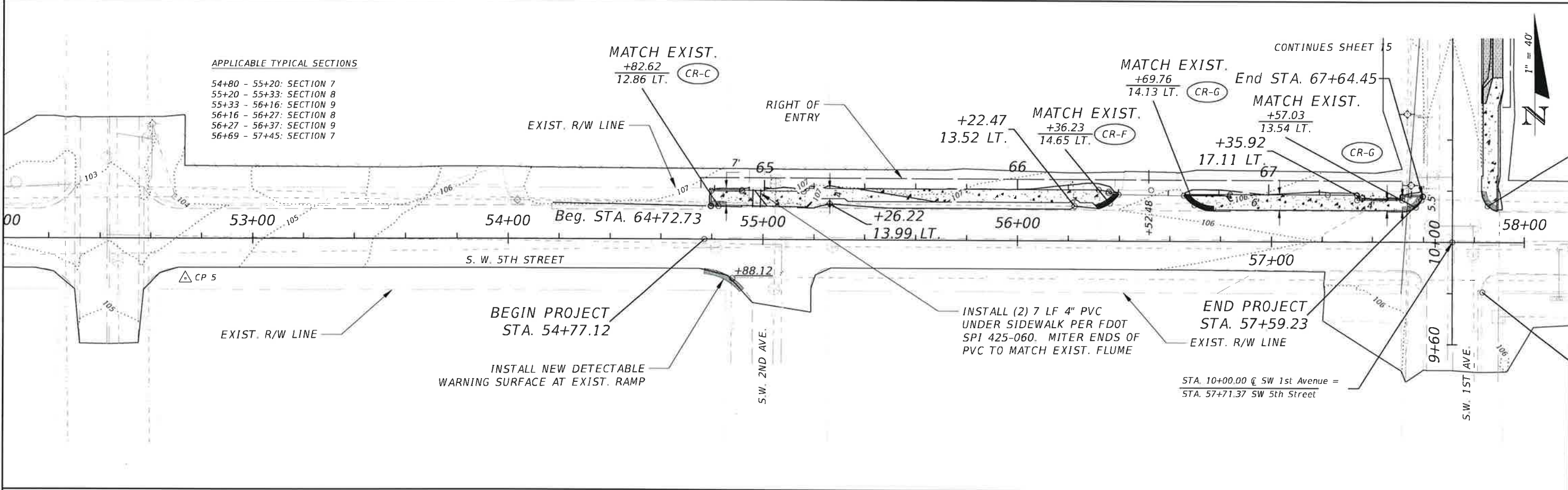
STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
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OCALA
CITY ENGINEER'S OFFICE

CITYWIDE SIDEWALK IMPROVEMENTS
ROADWAY PLANS (3)
- SW 3RD ST

SHEET NO.
16

Exhibit B - Plan Set



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
STATE OF FLORIDA, DATE 12/1/2021
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CITYWIDE SIDEWALK IMPROVEMENTS
ROADWAY PLANS (4)
- SW 5TH ST

SHEET NO.
17

Exhibit B - Plan Set

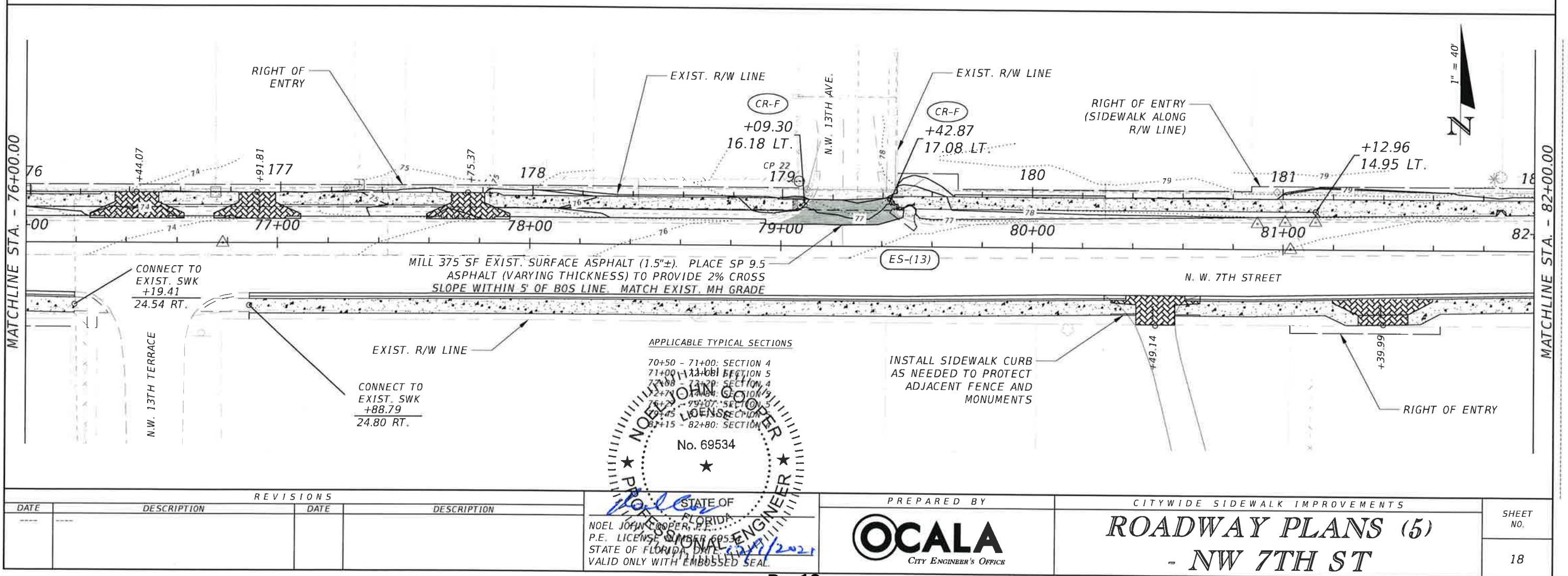
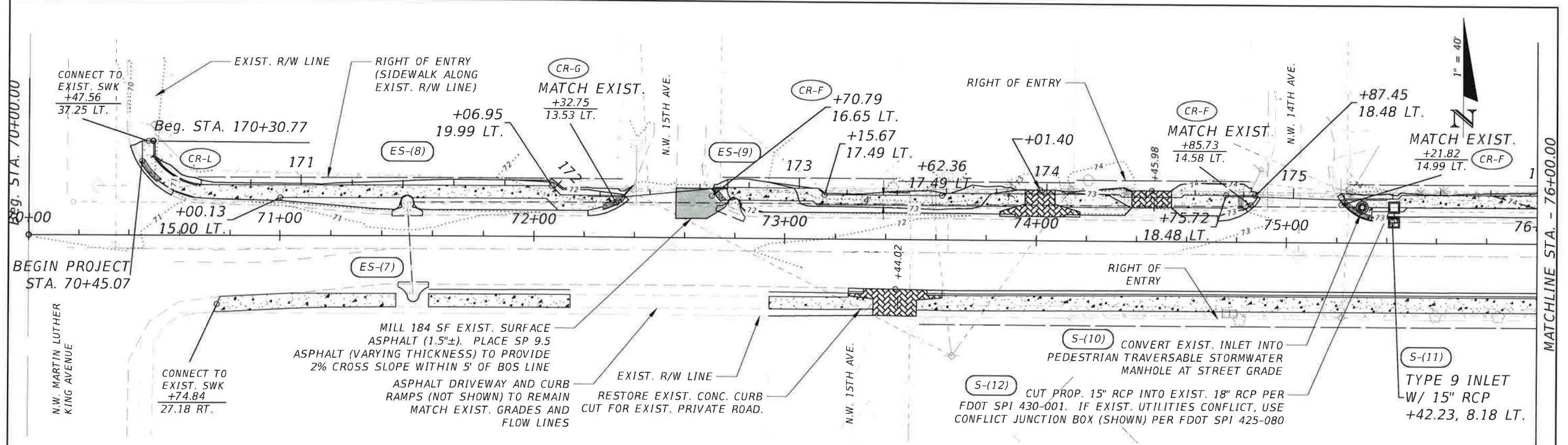
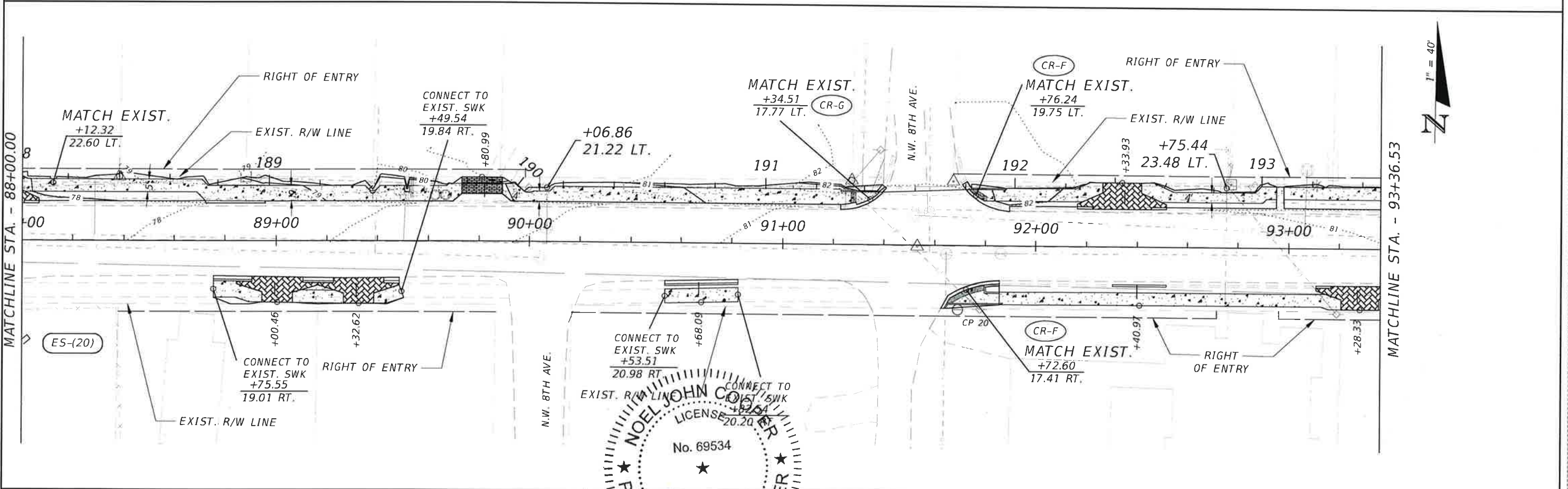
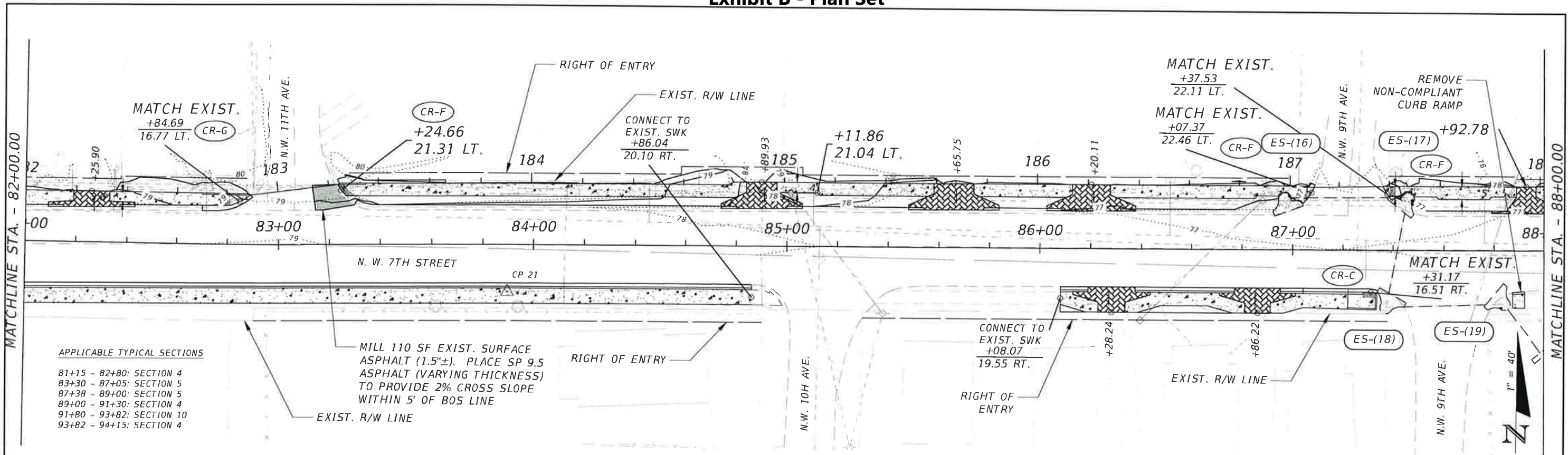
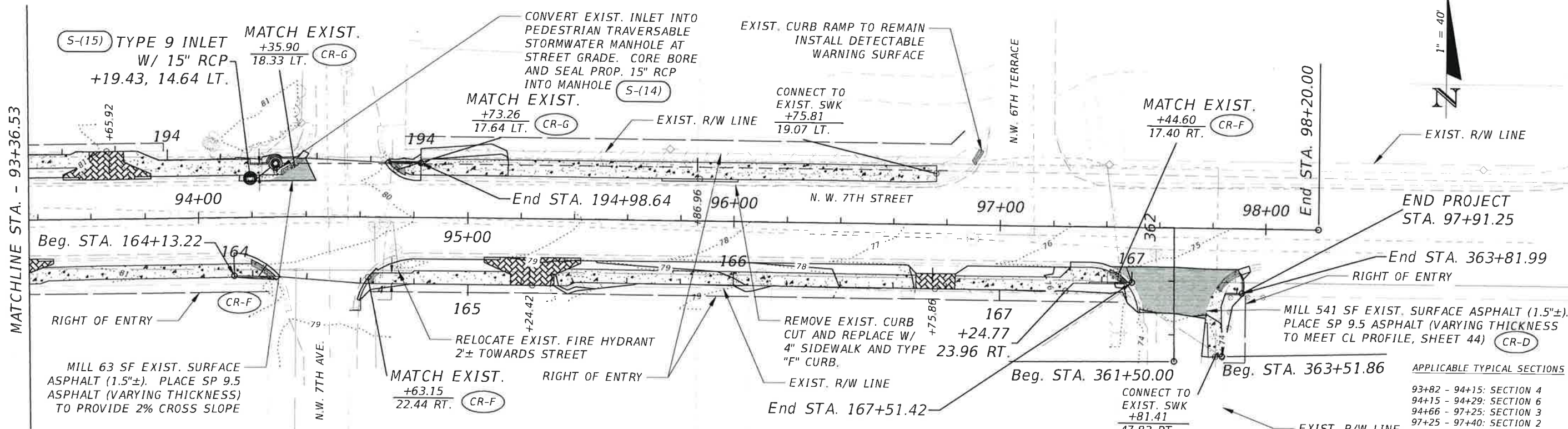


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REVISIONS		REVISIONS		NOEL JOHN COOPER, P.E. LICENSE NUMBER 69534 STATE OF FLORIDA VALID ONLY WITH EMBOSSED SEAL	PREPARED BY Ocala CITY ENGINEER'S OFFICE	CITYWIDE SIDEWALK IMPROVEMENTS ROADWAY PLANS (6) - NW 7TH ST	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION				

Exhibit B - Plan Set



REVISIONS				STATE OF FLORIDA		CITY ENGINEER'S OFFICE		CITYWIDE SIDEWALK IMPROVEMENTS		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	NOEL JOHN CORP., FLORIDA		OCALA		ROADWAY PLANS (7)			
				P.E. LICENSE NO. 69534		CITY ENGINEER'S OFFICE		- NW 7TH ST		20	
				STATE OF FLORIDA, SANITARY ENGINEER							
				VALID ONLY WITH EMBOSSED SEAL							

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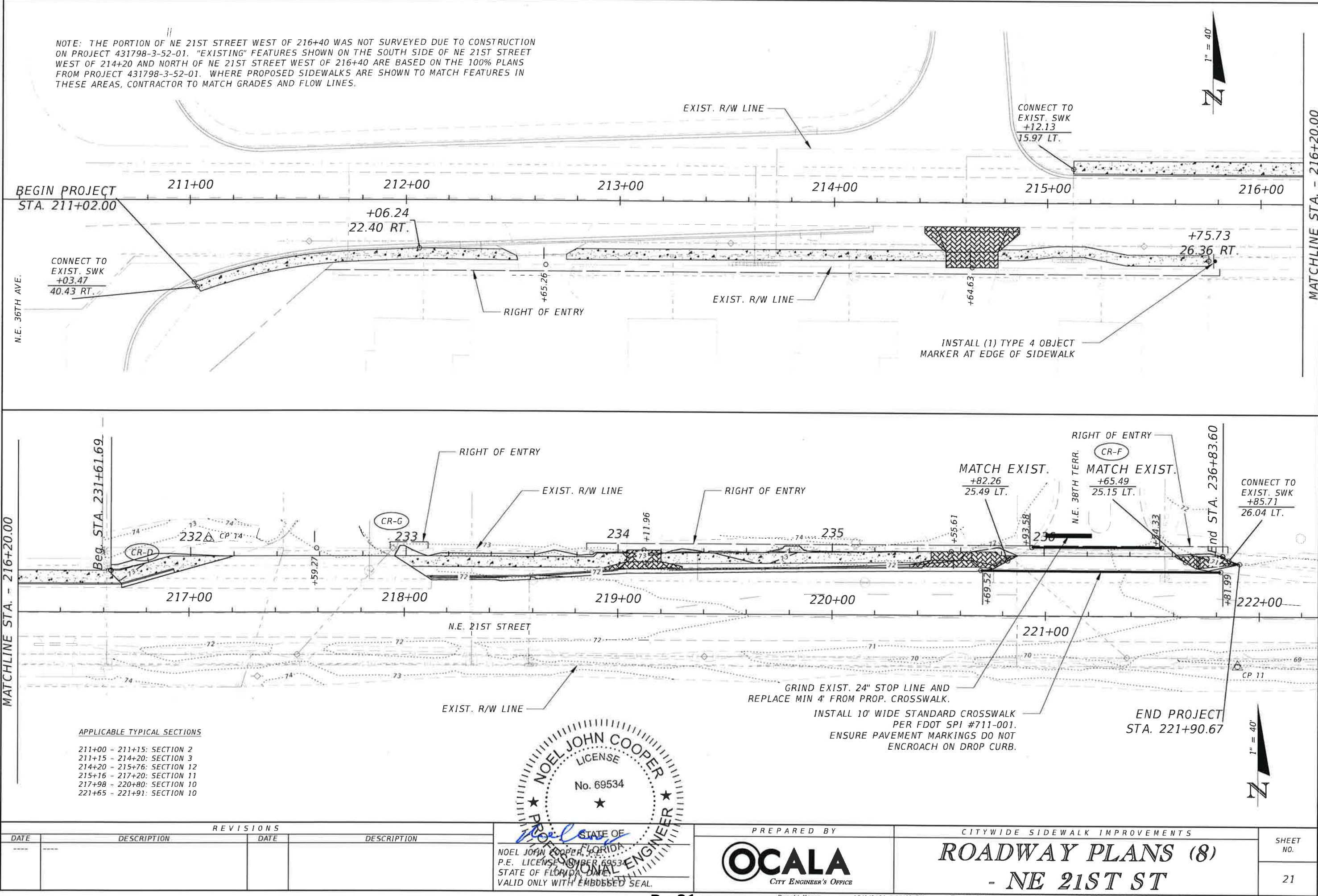
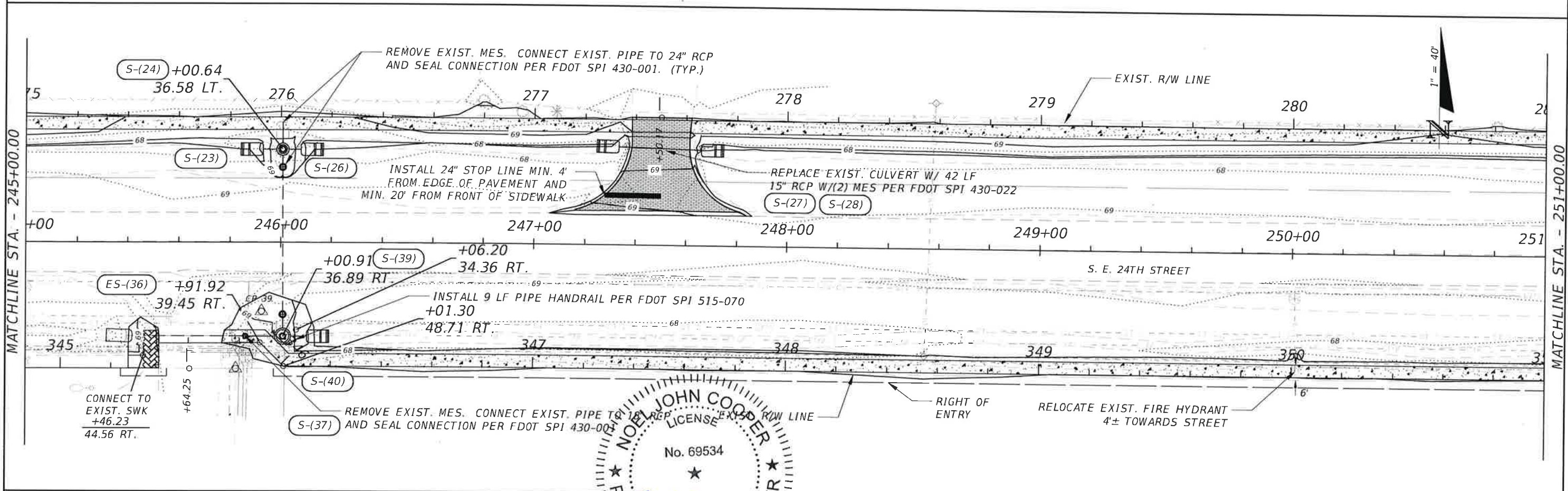
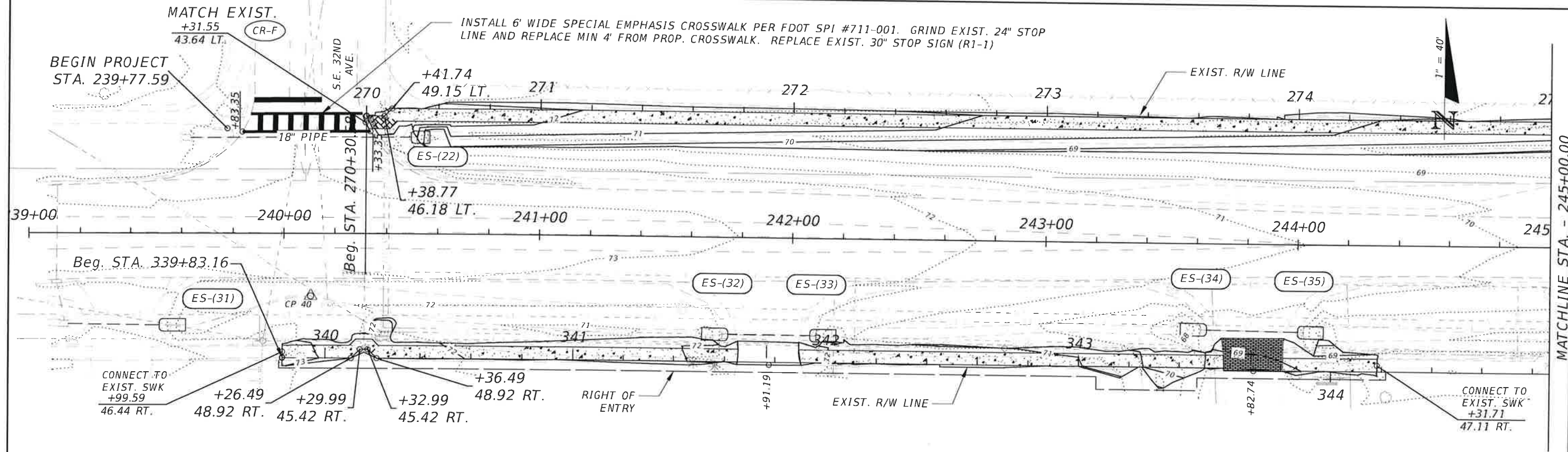


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REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION
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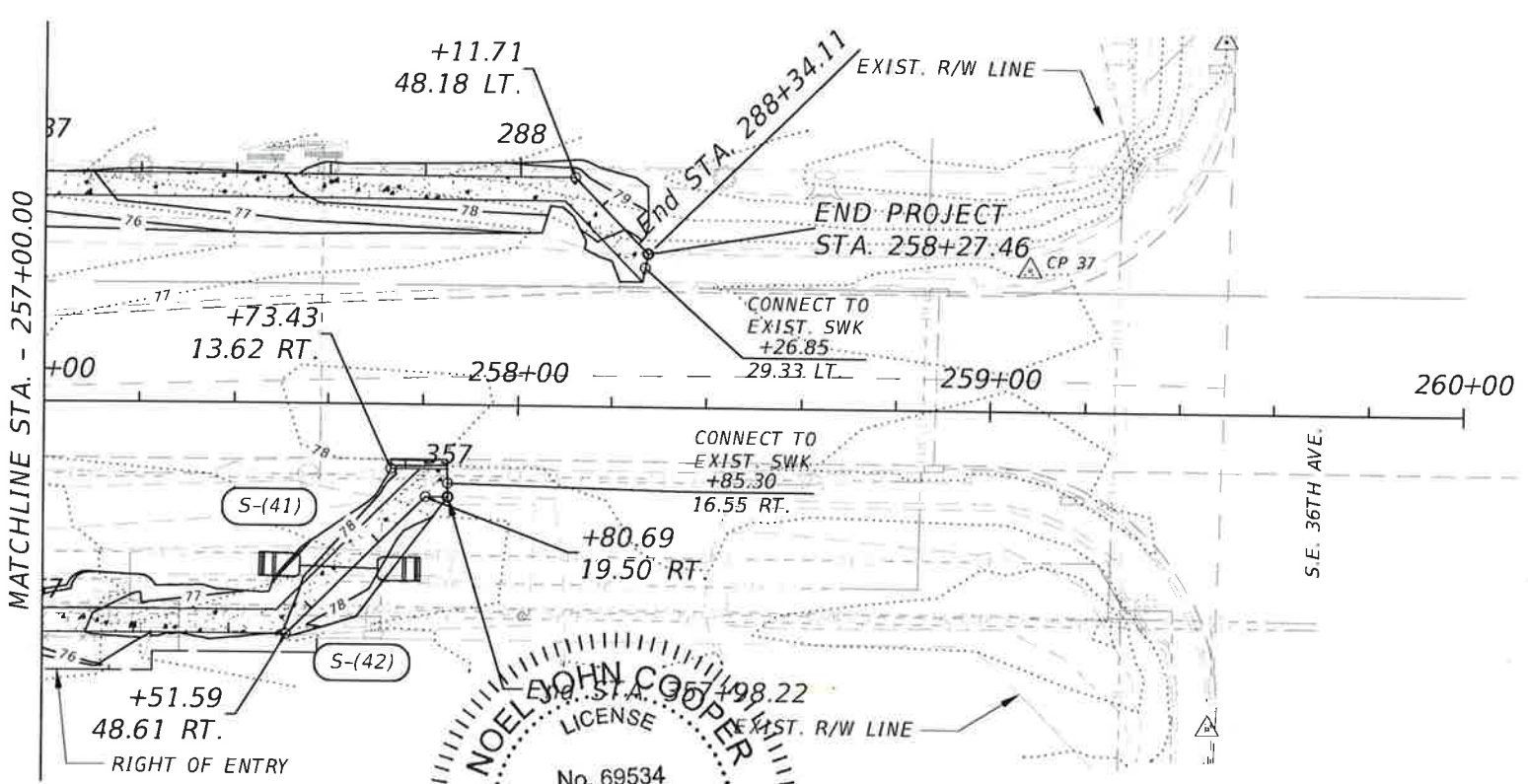
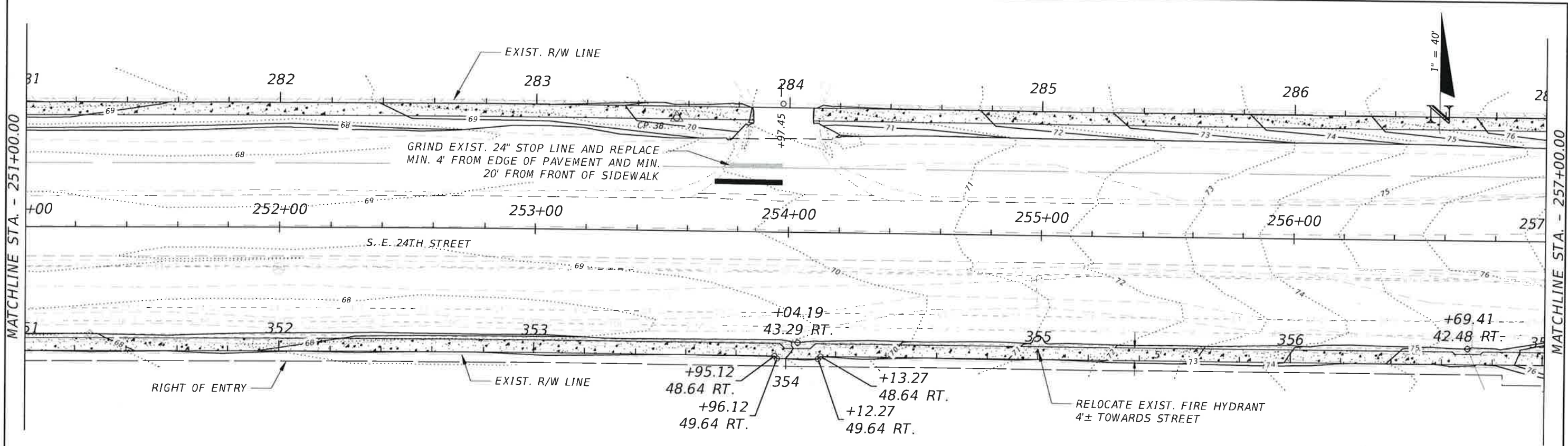
NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
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CITYWIDE SIDEWALK IMPROVEMENTS
ROADWAY PLANS (9)
- SE 24TH ST

SHEET NO.
22

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REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION	PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	ROADWAY PLANS (10) - SE 24TH ST	SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION								

NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
STATE OF FLORIDA
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12/1/2021

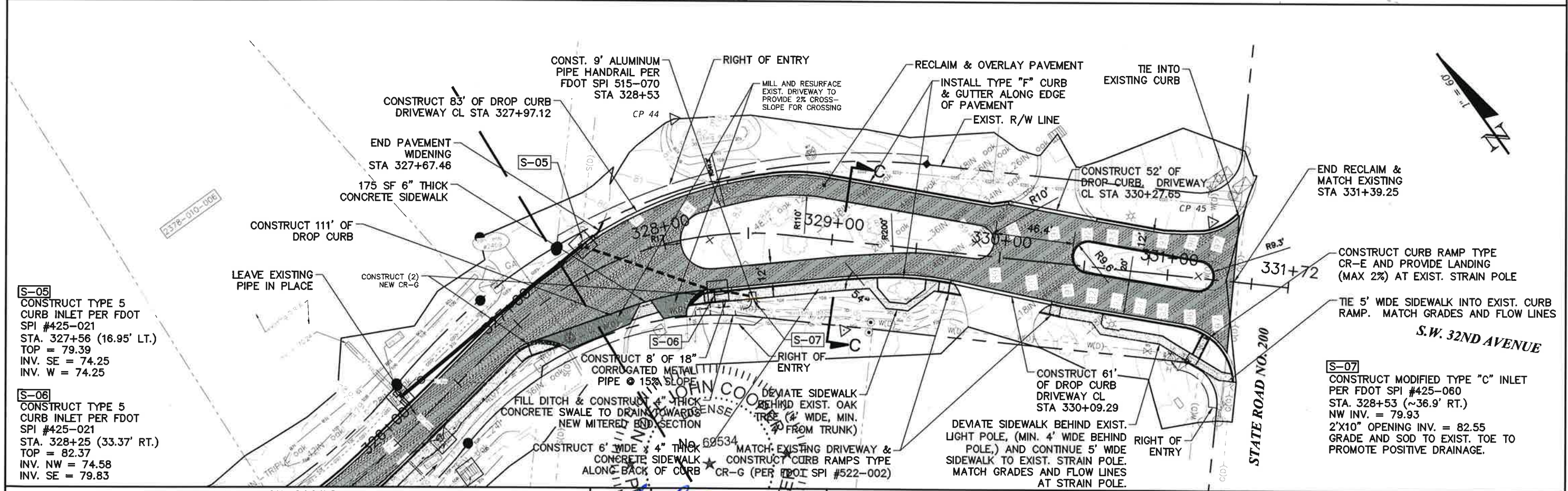
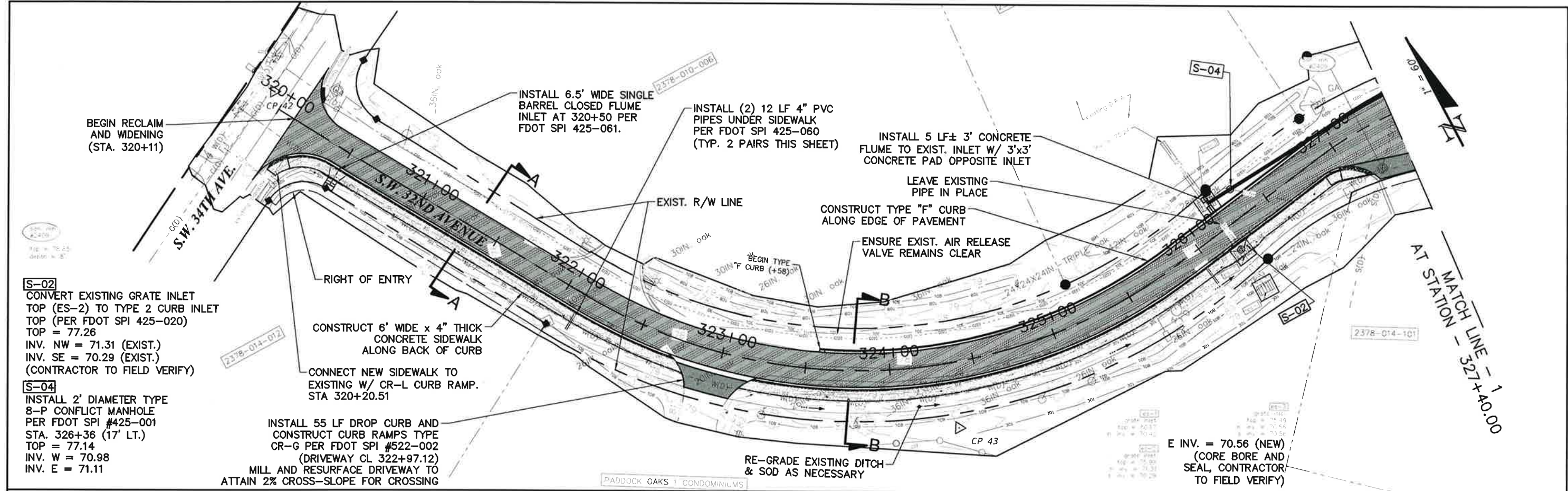
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CITY ENGINEER'S OFFICE

Donald Marco

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Exhibit B - Plan Set



REVISIONS				STATE OF FLORIDA P.E. LICENSE NUMBER 60534 STATE OF FLORIDA DATE 12/1/2021 VALID ONLY WITH EMBOSSED SEAL	PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		OCALA CITY ENGINEER'S OFFICE	ROADWAY PLANS (11) - SW 32ND AVE	

STRUCTURE TABLE						
QTY	STR. #	STATION	SIDE	DESCRIPTION	CONNECTED PIPE	RIM ELEV.
P	ES-(3)	37+55.53	Rt.	Exist. Ditch Bottom Inlet - Type E (Double Slot)	OUT: EXP-(1)	90.69
P	ES-(4)	17+73.43	Lt.	Index No. 425-010 - Junction Box	IN: EXP-(3) OUT: EXP-(5)	82.44
P	ES-(5)	17+79.32	Lt.	Exist. Curb Inlet Type 9 with Rectangular Bottom	OUT: EXP-(4)	82.58
P	ES-(6)	17+88.66	Lt.	Exist. Type 8 Manhole (Concentric Cone with 1 or 2-Piece Cover (Center), Round Bottom)	IN: EXP-(4) IN: EXP-(5)	82.62
P	ES-(7)	71+52.49	Rt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(6)	71.19
P	ES-(8)	71+49.97	Lt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(7) OUT: EXP-(6)	71.19
P	ES-(9)	72+79.80	Lt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(8) OUT: EXP-(7)	71.97
P	ES-(13)	79+51.28	Lt.	Exist. Curb Inlet Type 4 with Round Bottom	OUT: EXP-(9)	77.16
P	ES-(16)	86+96.58	Lt.	Exist. Curb Inlet Type 4 with Round Bottom	OUT: EXP-(14)	77.13
P	ES-(17)	87+45.67	Lt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(14) OUT: EXP-(15)	77.04
P	ES-(18)	87+37.29	Rt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(15) OUT: EXP-(16)	77.26
P	ES-(19)	87+84.03	Rt.	Exist. Curb Inlet Type 4 with Round Bottom	IN: EXP-(16) OUT: EXP-(17)	76.88
P	ES-(20)	87+99.25	Rt.	Exist. Straight Concrete Endwall - Single 15-54 in. Dia. Pipe	IN: EXP-(17)	74.96
P	ES-(22)	240+51.52	Lt.	Exist. Cross Drain MES with 1:4 Slope - Single Round Conc. Pipe	IN: EXP-(21)	70.40
P	ES-(31)	239+53.65	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	IN: EXP-(29)	73.22
P	ES-(32)	241+72.34	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	OUT: EXP-(30)	72.03
P	ES-(33)	242+09.55	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	IN: EXP-(30)	71.75
P	ES-(34)	243+61.68	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	OUT: EXP-(31)	68.75
P	ES-(35)	244+02.49	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	IN: EXP-(31)	68.50
P	ES-(36)	245+39.54	Rt.	Exist. Side Drain MES - Single Round Conc. Pipe	OUT: EXP-(32)	68.15
P	ES-3	326+19.92	Lt.	Exist. Type C Catch Basin	IN: PIPE-41	73.19

EROSION CONTROL SCHEDULE:

ALL STORM SEWER INLETS SHALL BE PROTECTED SO THAT SEDIMENT LADEN WATER WILL NOT ENTER THE STORM SYSTEM WITHOUT FIRST BEING FILTERED. INLETS TO BE SO PROTECTED INCLUDE ALL EXISTING INLETS (INCLUDING CONVERSIONS, TOTAL 16) AS WELL AS INLETS AT THE FOLLOWING LOCATIONS:

- Type 9 Inlet at 17+62 Rt.
- Non-Standard Grate Inlet at 17+78 Rt. (SW 2nd Street)
- Type 4 Inlet at 18+09 Lt.
- Non-Standard Inlet at 38+65 Rt.
- Type 9 Inlet at SW Fort King Street and SW 3rd Avenue (SE Corner)
- Type 9 Inlet at SW Fort King Street and SW 3rd Avenue (SW Corner)
- Type 5 Inlet at SW 2nd Street and SW 2nd Avenue (SW Corner)
- Non-Standard Inlet at SW 4th Street and Pine Ave. (SE Corner)
- Type 2 Inlet at 70+40 Rt. (NW Martin Luther King Blvd.)
- Type 2 Inlet at NW Martin Luther King Blvd. and NW 8th Street (SE Corner)
- Type 4 Inlet at NW 7th Street and NW 8th Avenue (NW Corner)
- Type C Inlet within intersection of NW 6th Terrace and NW 6th Street

- Type P-5 Inlet at 210+39 Rt. (NE 36th Avenue)
- (2) Type P-5 Inlets at 212+00 Rt. and 213+60 Rt.
- (2) Type 6 Inlets at 239+11 and 240+11 Lt. Inlets (Both Sides)
- (2) Type 5 Inlets at 258+89 (Both Sides)
- Modified Type C Inlet at 329+42 Lt. (NW 33rd Avenue)
- Modified Type C Inlet at SW 33rd Avenue and SW 33rd Avenue (South Corner)

REVISIONS				STATE OF NOEL JOHN COOPER, P.E. P.E. LICENSE NUMBER 69534 STATE OF FLORIDA VALID ONLY WITH EMBOSSED SEAL	PREPARED BY  CITY ENGINEER'S OFFICE	CITYWIDE SIDEWALK IMPROVEMENTS SCHEDULE OF DRAINAGE STRUCTURES	SHEET NO. 25
DATE	DESCRIPTION	DATE	DESCRIPTION				


PIPE TABLE							
QTY	PIPE#	STRT #		DESCRIPTION	LENGTH	START INVERT	END INVERT
P	EXP-(14)	ES-(16)	ES-(17)	Exist. 18" Pipe Culvert SD	49.09'	73.29	73.00
P	EXP-(15)	ES-(17)	ES-(18)	Exist. 18" Pipe Culvert SD	43.95'	72.89	72.63
P	EXP-(16)	ES-(18)	ES-(19)	Exist. 18" Pipe Culvert SD	46.77'	72.53	72.25
P	EXP-(17)	ES-(19)	ES-(20)	Exist. 18" Pipe Culvert SD	25.09'	72.15	72.00
P	PIPE-(10)	S-(15)	S-(14)	15" Pipe Culvert SD	9.24'	75.80	75.71
P	EXP-(11)	S-(14)		Exist. 18" Pipe Culvert SD	251.29'	75.61	72.87
P	EXP-(21)		ES-(22)	Exist. 18" Pipe Culvert SD	88.31'	68.93	68.69
P	EXP-(29)	ES-(31)		Exist. 18" Pipe Culvert SD	44.06'	71.51	71.61
P	EXP-(30)	ES-(32)	ES-(33)	Exist. 18" Pipe Culvert SD	37.22'	70.32	70.04
P	EXP-(31)	ES-(34)	ES-(35)	Exist. 18" Pipe Culvert SD	40.81'	67.04	66.79
P	EXP-(32)	ES-(36)	S-(37)	Exist. 18" Pipe Culvert SD	46.53'	66.44	66.44
P	EXP-(28)	S-(38)	S-(25)	Exist. 24" Pipe Culvert SD	57.91'	66.31	66.14
P	EXP-(27)			Exist. 15" Pipe Culvert SD	40.49'	69.45	68.86
P	PIPE-(23)	S-(24)		24" Pipe Culvert SD	10.64'	66.03	65.92
P	PIPE-(33)	S-(37)	S-(39)	18" Pipe Culvert SD	14.83'	66.44	66.44
P	PIPE-(34)	S-(39)	S-(38)	24" Pipe Culvert SD	8.56'	66.33	66.31
P	PIPE-(25)	S-(26)	S-(24)	12"x18" Horizontal Elliptical Concrete Pipe	10.30'	67.15	67.05
P	PIPE-(22)	S-(23)	S-(24)	12"x18" Horizontal Elliptical Concrete Pipe	10.83'	67.04	66.93
P	PIPE-(26)	S-(28)	S-(27)	12"x18" Horizontal Elliptical Concrete Pipe	38.61'	67.16	66.77
P	PIPE-(35)	S-(40)	S-(39)	12"x18" Horizontal Elliptical Concrete Pipe	12.61'	67.56	67.31

PIPE TABLE							
QTY	PIPE#	STRT #		DESCRIPTION	LENGTH	START INVERT	END INVERT
P	PIPE-(36)	S-(42)	S-(41)	15" Pipe Culvert SD	22.64'	77.03	76.75
P	EXP-(9)	ES-(13)	S-(12)	Exist. 18" Pipe Culvert SD	408.41'	73.41	70.88
P	EXP-(8)	S-(10)	ES-(9)	Exist. 18" Pipe Culvert SD	250.27'	68.10	65.60
P	EXP-(7)	ES-(9)	ES-(8)	Exist. 18" Pipe Culvert SD	129.84'	65.50	64.20
P	EXP-(6)	ES-(8)	ES-(7)	Exist. 18" Pipe Culvert SD	37.23'	61.10	60.73
P	EXP-(12)	S-(12)	S-(10)	Exist. 18" Pipe Culvert SD	12.83'	68.92	68.20
P	PIPE-(2)	S-(2)	S-(1)	12"x18" Horizontal Elliptical Concrete Pipe	10.80'	85.50	84.89
P	EXP-(1)	ES-(3)	S-(1)	Exist. 24" Pipe Culvert SD	33.18'	86.99	85.16
P	EXP-(3)	S-(1)	ES-(4)	Exist. 24" Pipe Culvert SD	228.33'	84.54	73.46
P	EXP-(4)	ES-(5)	ES-(6)	Exist. 18" Pipe Culvert SD	14.40'	77.87	77.73
P	EXP-(5)	ES-(4)	ES-(6)	Exist. 19"x30" Horizontal Elliptical Concrete Pipe	15.27'	73.81	73.66
P	EXP-39	S-02	ES-3(Old)	Exist. 33" Pipe Culvert SD	35.60'	69.93	69.42
P	PIPE-44	S-07	S-06	15" Pipe Culvert SD	23.29'	84.02	82.01
P	PIPE-43	S-06	S-05	18" Pipe Culvert SD	82.25'	78.91	78.08
P	PIPE-42	S-05	S-04	24" Pipe Culvert SD	122.78'	74.98	73.76
P	PIPE-41	S-04	ES-3	24" Pipe Culvert SD	17.79'	70.66	70.48
P	PIPE-(24)	S-(24)	S-(25)	24" Pipe Culvert SD	7.00'	66.12	66.14
P	PIPE-(13)	S-(11)	S-(12)	12"x18" Horizontal Elliptical Concrete Pipe	5.74'	71.12	71.00

NOEL JOHN COOPER
LICENSE
No. 69534
STATE OF FLORIDA
P.E. LICENSE NUMBER 69534
VALID ONLY WITH EMBOSSED SEAL

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CITY ENGINEER'S OFFICE

Donald Marco

CITYWIDE SIDEWALK IMPROVEMENTS

PIPE SCHEDULE

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

SHEET NO.

26

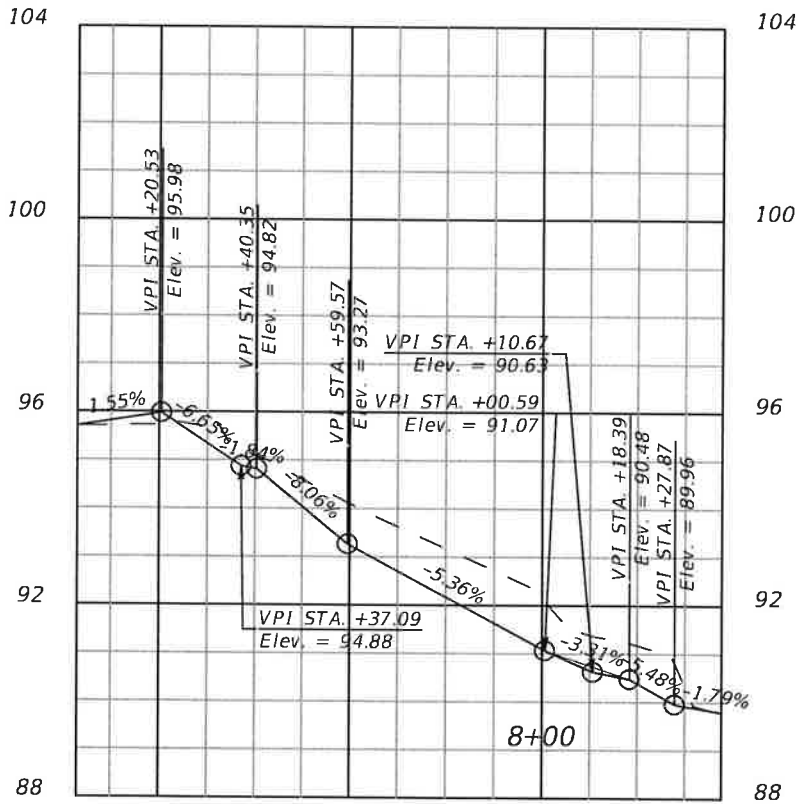
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SW 3rd Ave BOS

7+03.13-8+37.56



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

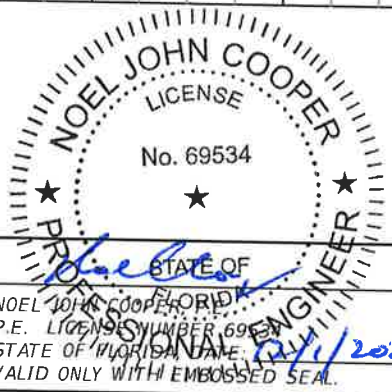
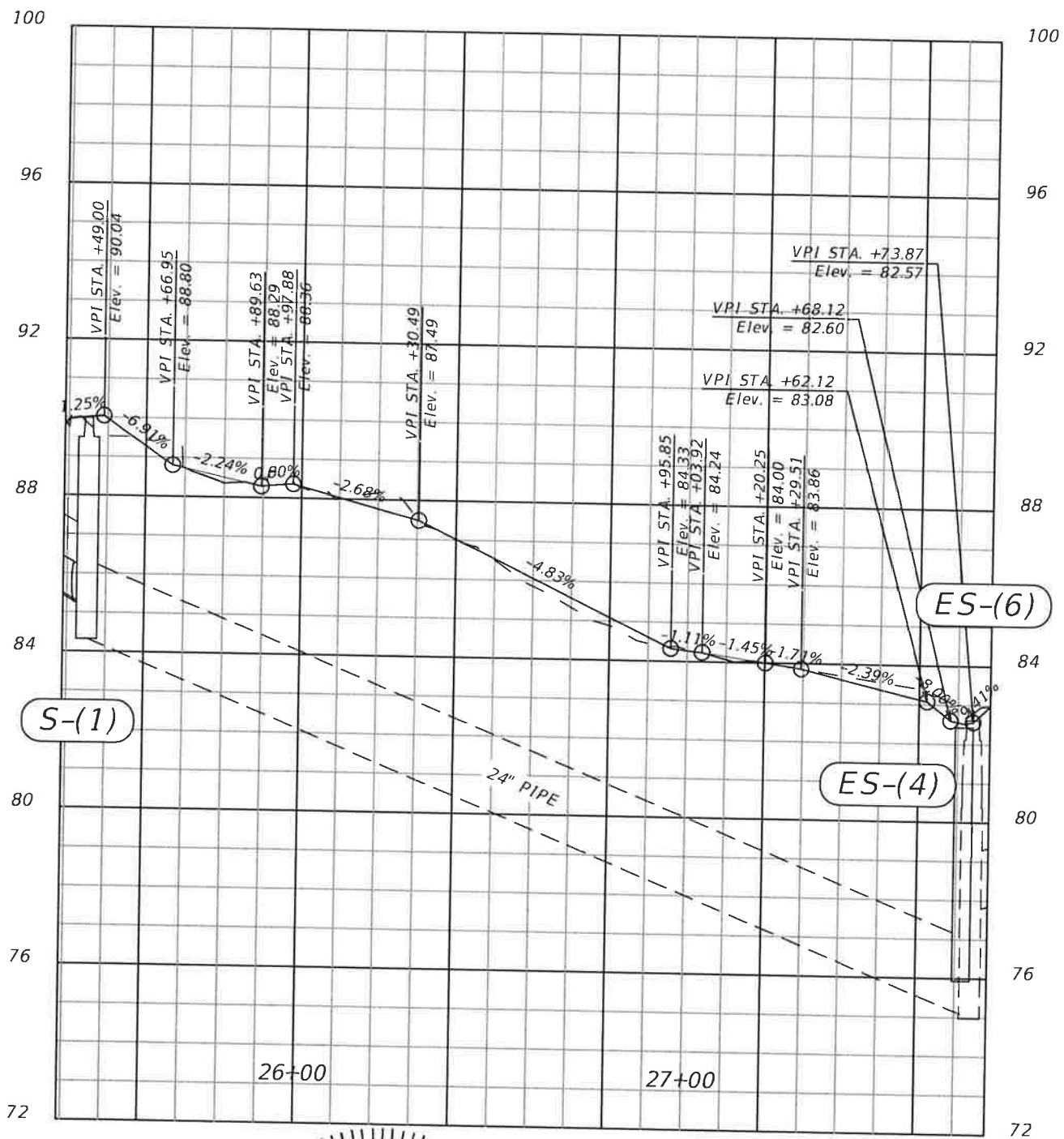
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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SW 3RD AVE**

SHEET
NO.
27

1" = 40' Horizontal
1" = 4' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

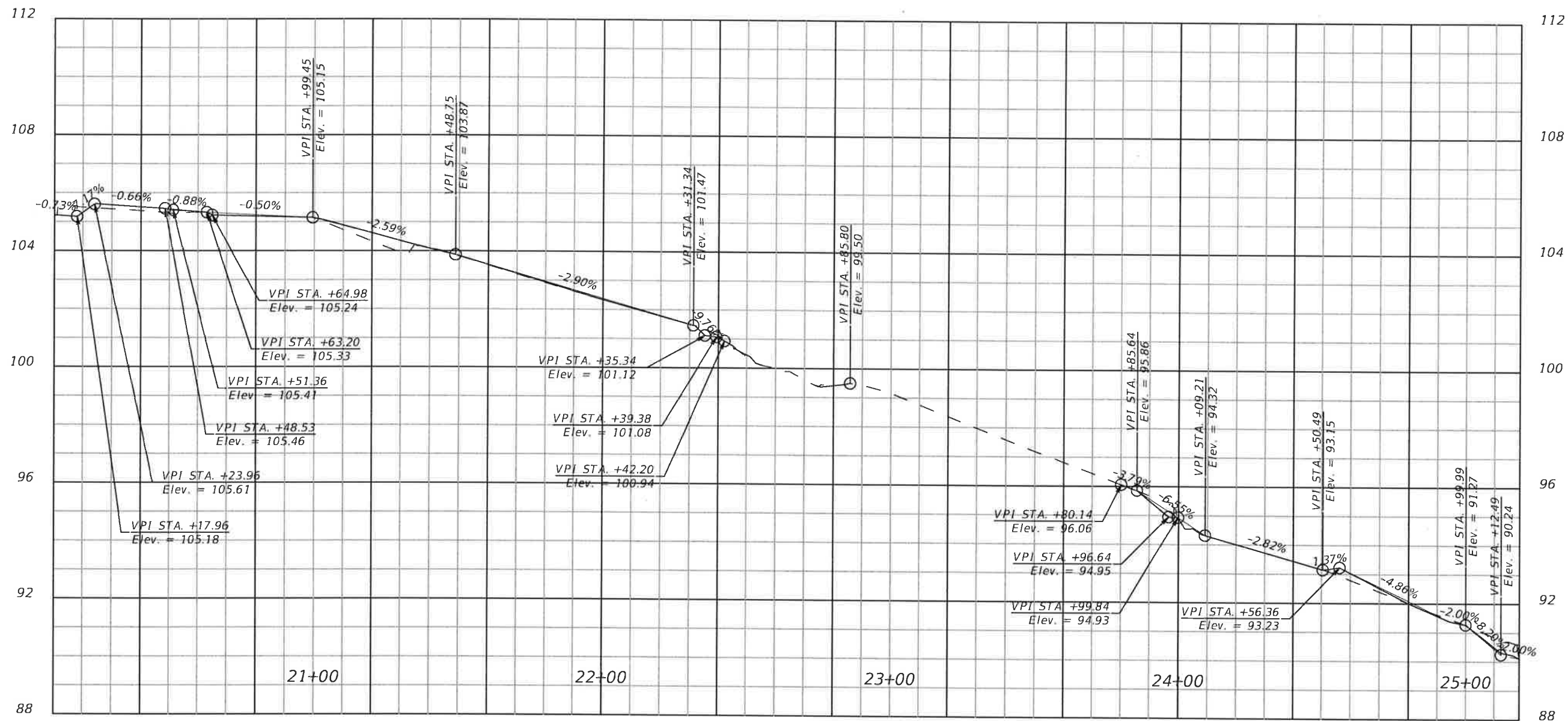
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P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SW 1ST AVE NORTH**

SHEET NO.
28

1" = 40' Horizontal
1" = 4' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

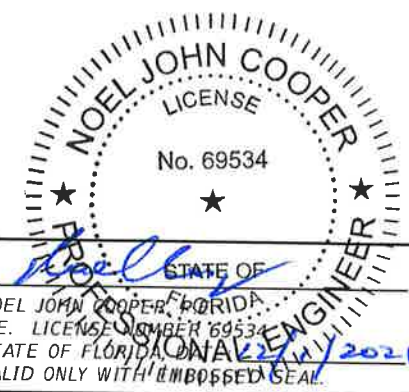
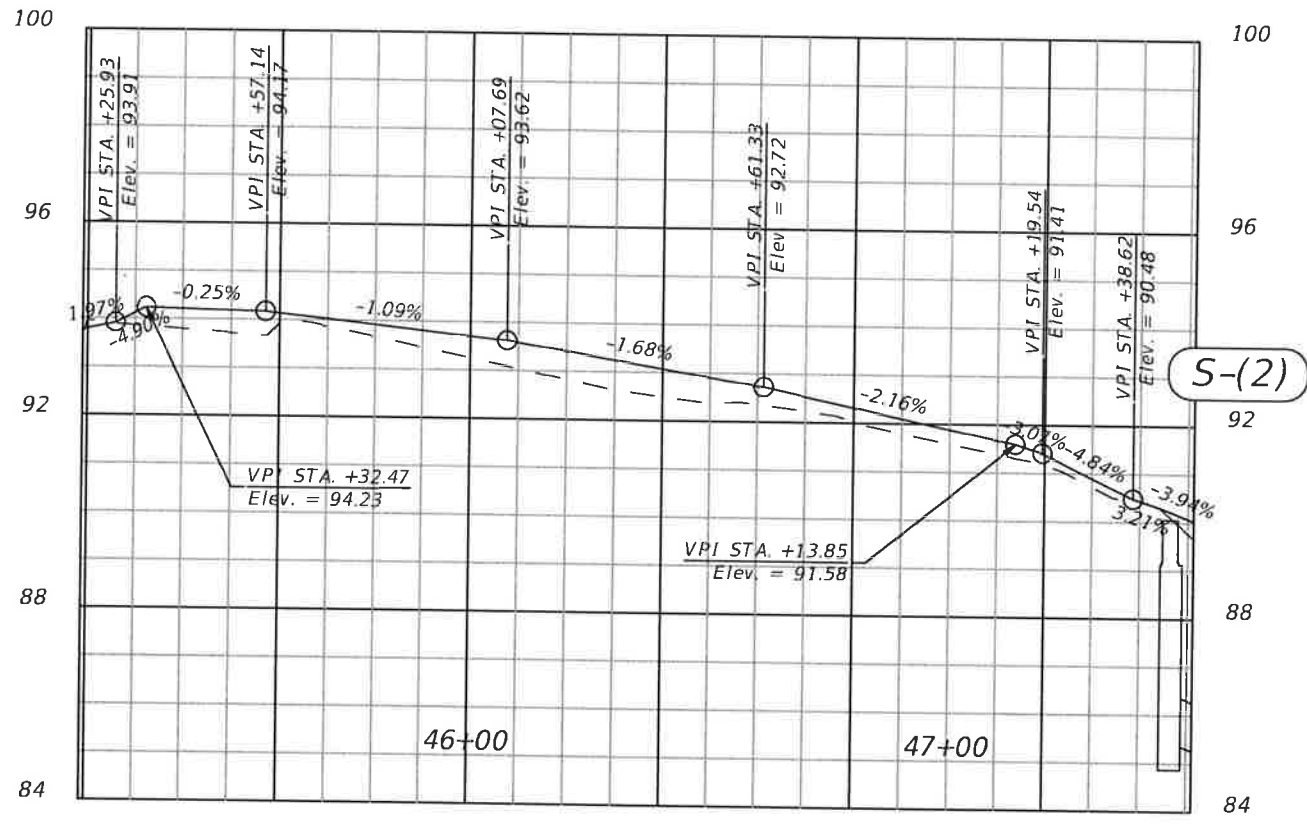
STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SW 1ST AVE SOUTH**

SHEET NO.
29

1" = 40' Horizontal
1" = 4' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

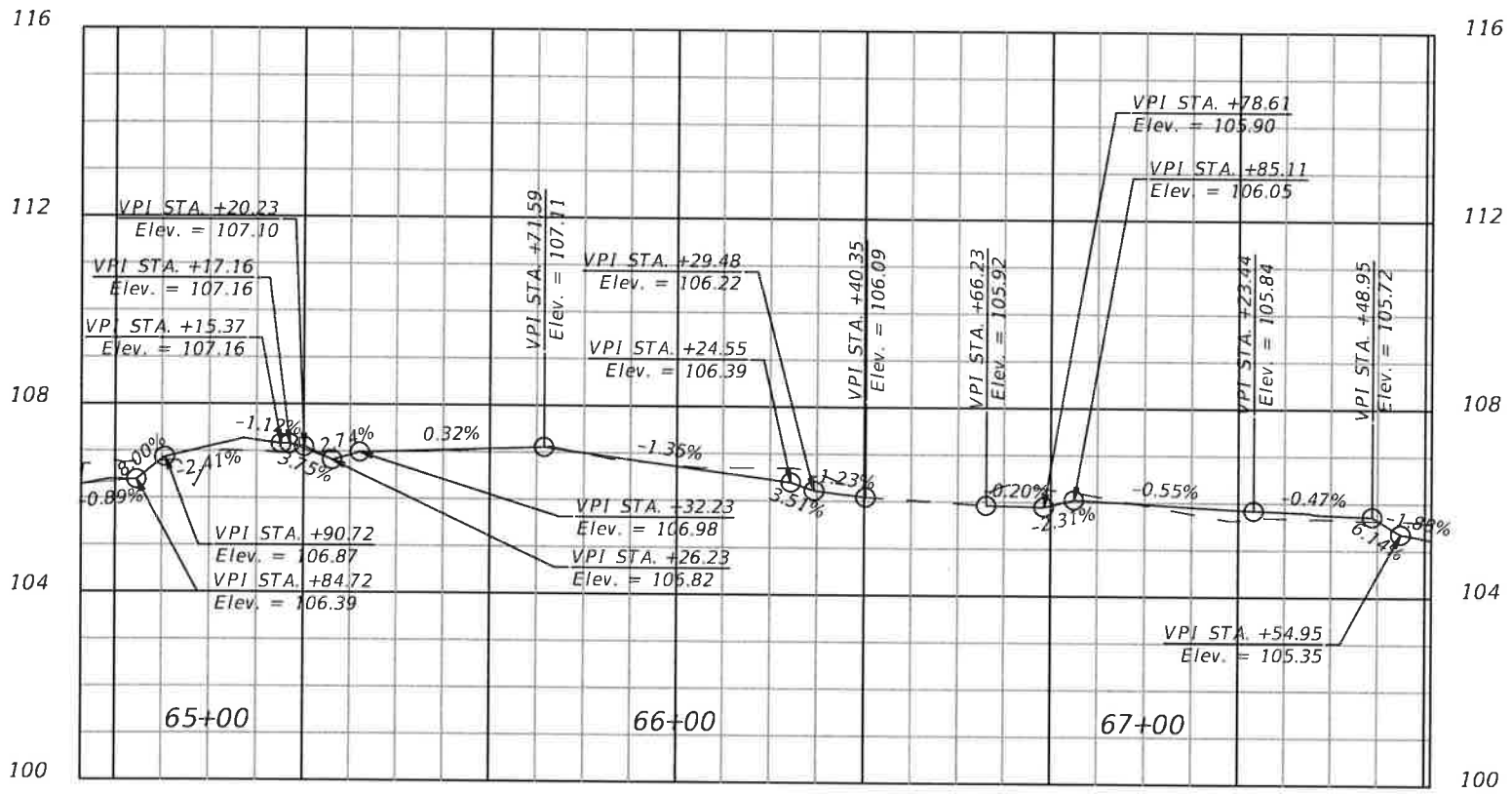
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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SW 3RD ST**

SHEET
NO.
30

1" = 40' Horizontal
1" = 4' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

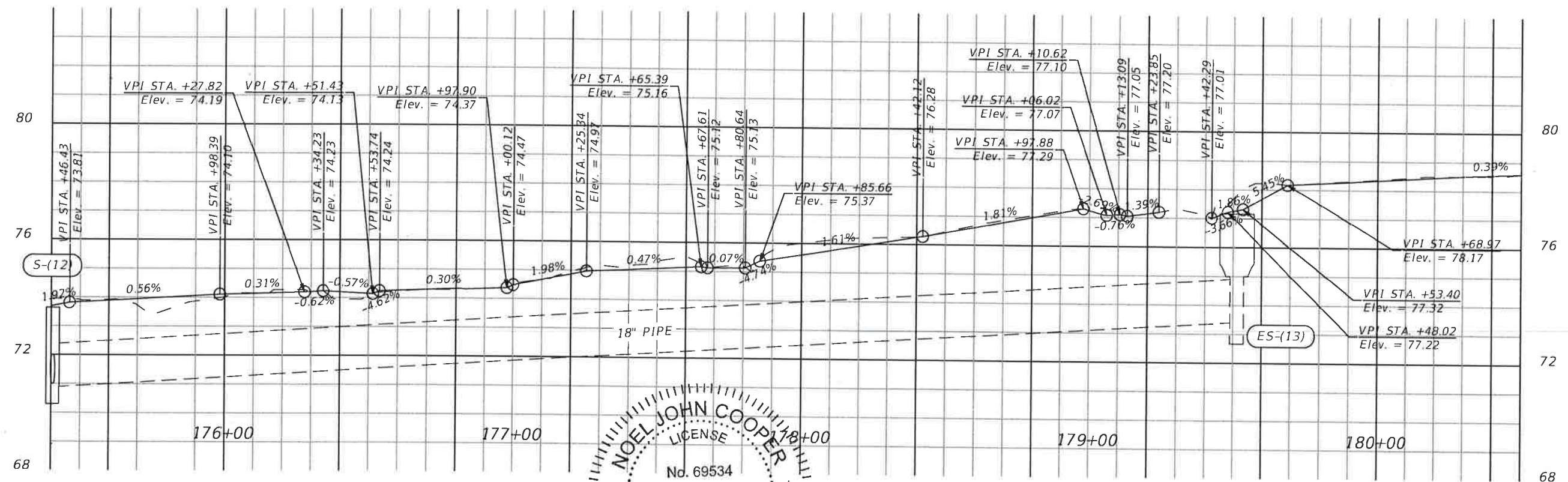
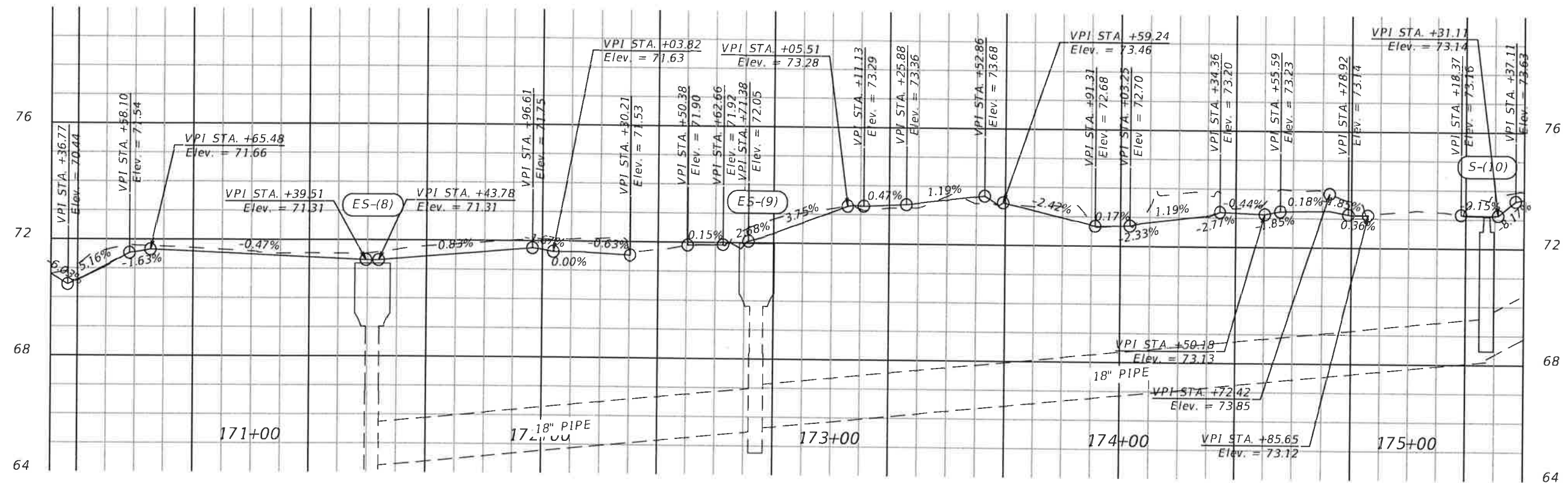
NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
VALID ONLY WITH EMBOSSED SEAL
DATE: 12/1/2021

PREPARED BY
OCALA
CITY ENGINEER'S OFFICE
Donald Marco

CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SW 5TH ST**

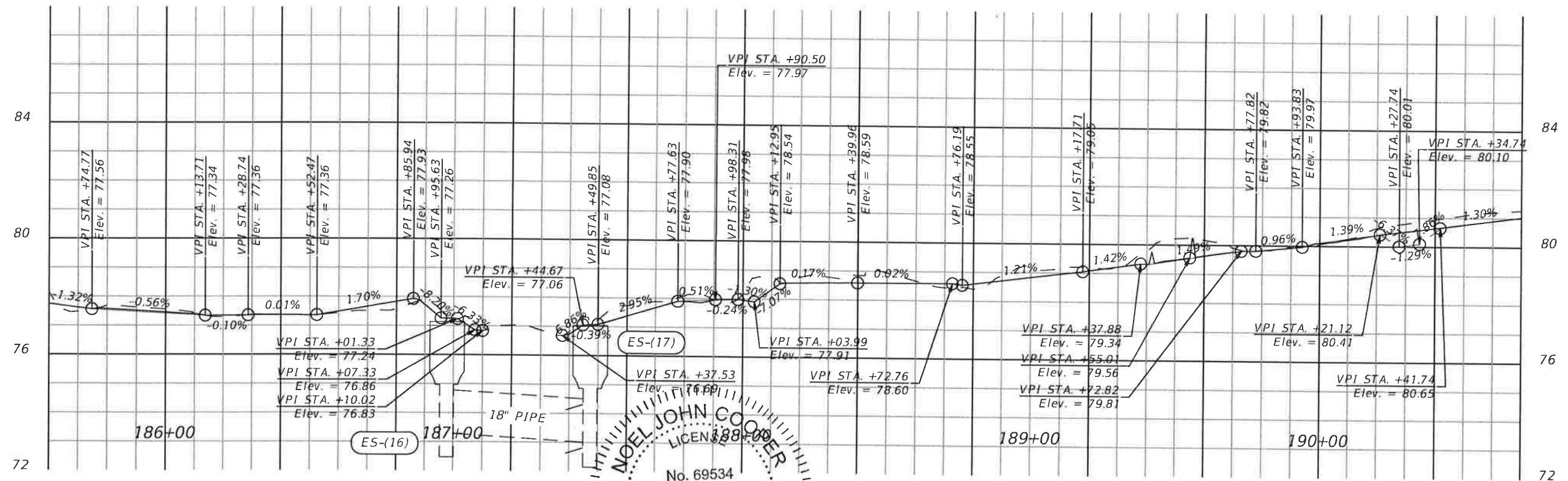
SHEET NO.
31

1" = 40' Horizontal
1" = 4' Vertical



1" = 40' Horizontal
1" = 4' Vertical

REVISIONS				<div><div>NOEL JOHN COOPER P.E. LICENSE NUMBER 6953 STATE OF FLORIDA VALID ONLY WITH IMPOSED SEAL</div><div>12/2021</div></div>	<div><div>PREPARED BY</div><div><div>OCALA</div><div>CITY ENGINEER'S OFFICE</div></div></div>	<div><div>CITYWIDE SIDEWALK IMPROVEMENTS</div><div>BACK OF SIDEWALK PROFILE - NW 7TH ST NORTH</div></div>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				32



NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
PROFESSIONAL ENGINEER

69534

Noel Cooper

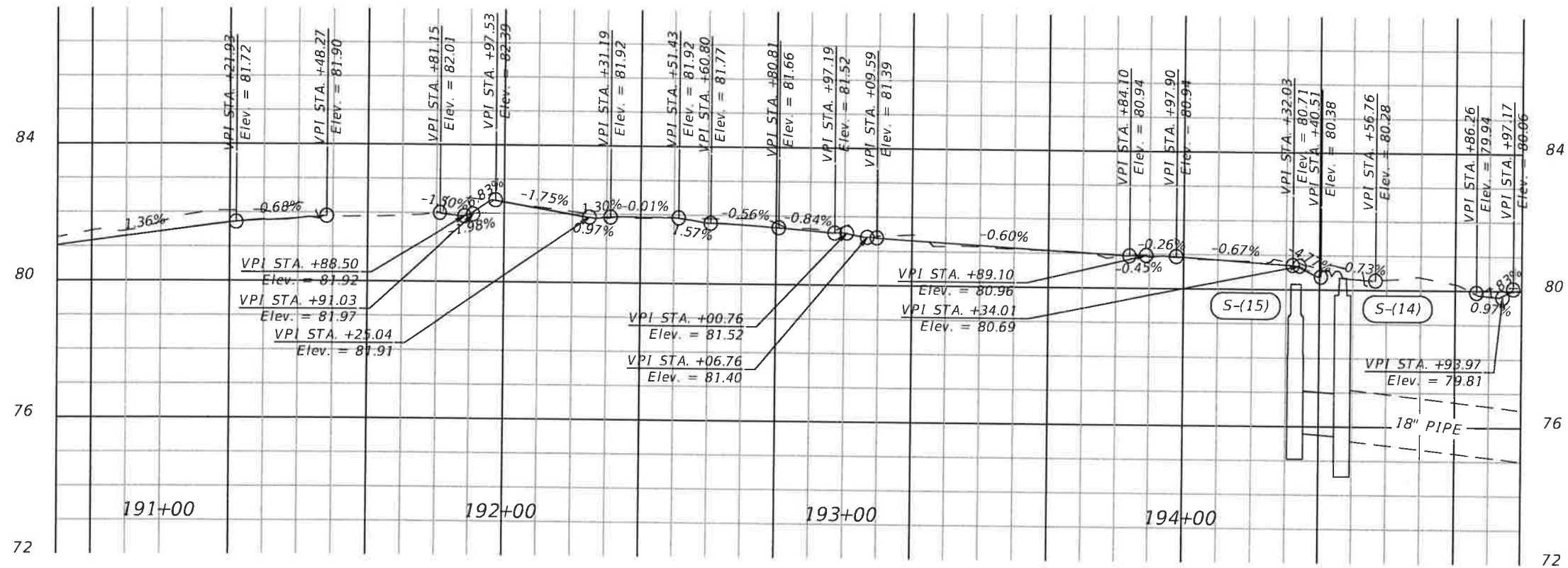


OCALA
CITY ENGINEER'S OFFICE

BACK OF SIDEWALK PROFILE -
NW 7TH ST NORTH

33

Exhibit B - Plan Set



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
STATE OF FLORIDA, DATE 12/1/2021
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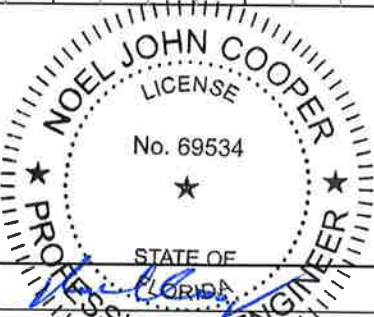
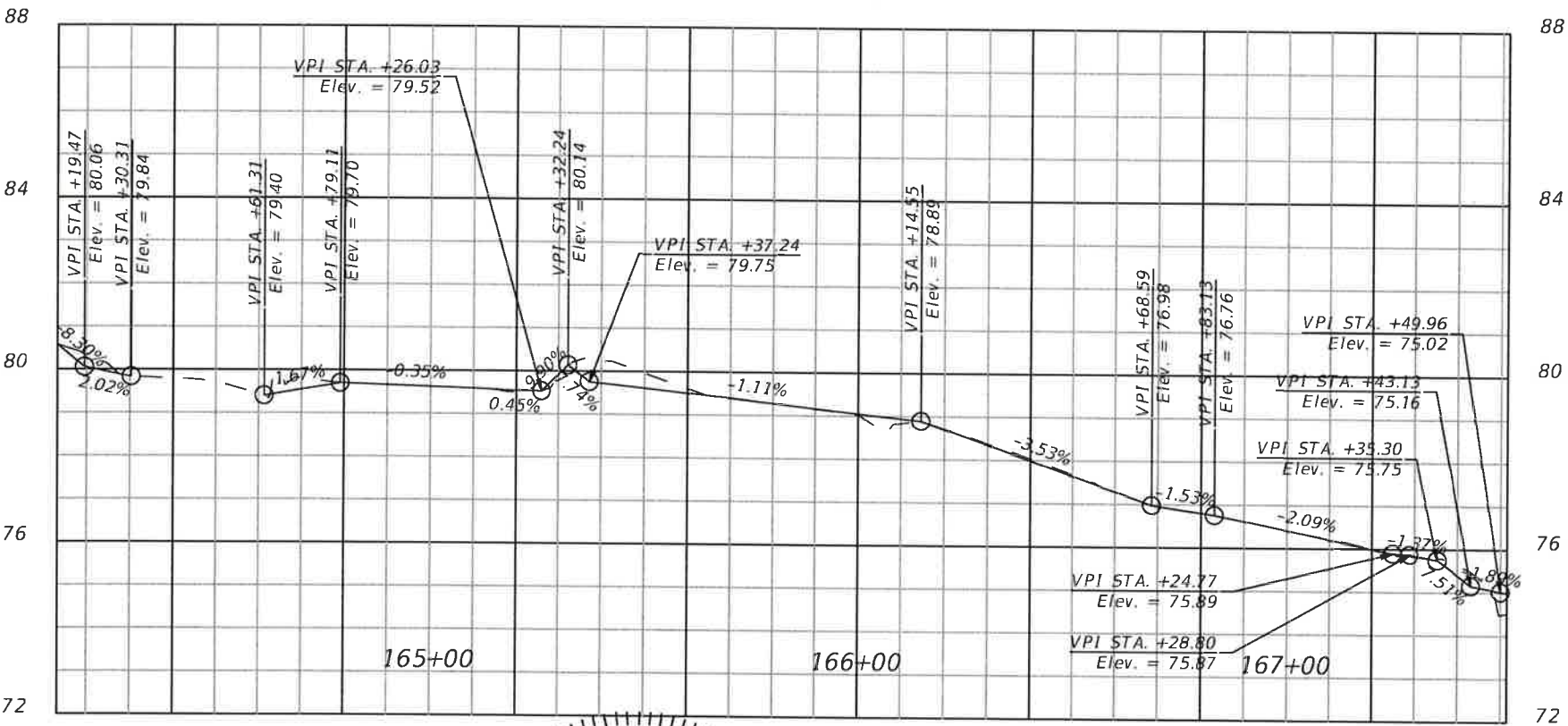
CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
NW 7TH ST NORTH**

SHEET
NO.
34

1" = 40' Horizontal
1" = 4' Vertical

NW 7th St South Back

164+13.22-167+51.42



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE: 12/1/2021
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CITYWIDE SIDEWALK IMPROVEMENTS

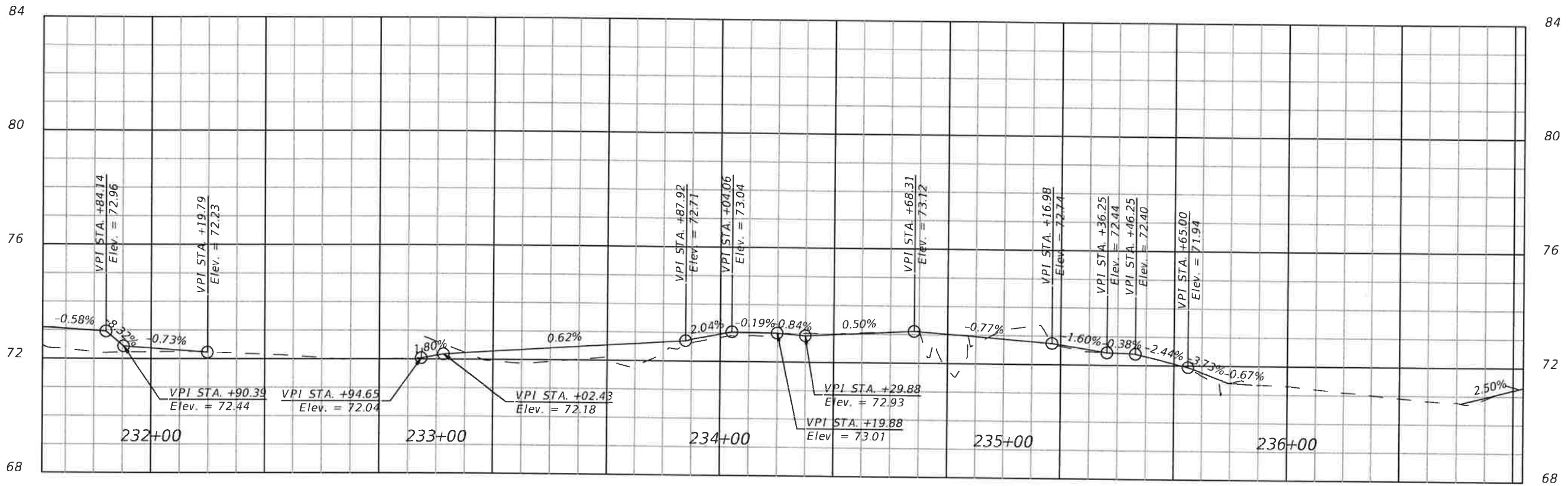
**BACK OF SIDEWALK PROFILE -
NW 7TH ST SOUTH**

1" = 40' Horizontal
1" = 4' Vertical

SHEET NO.
35



1" = 40' Horizontal
1" = 4' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

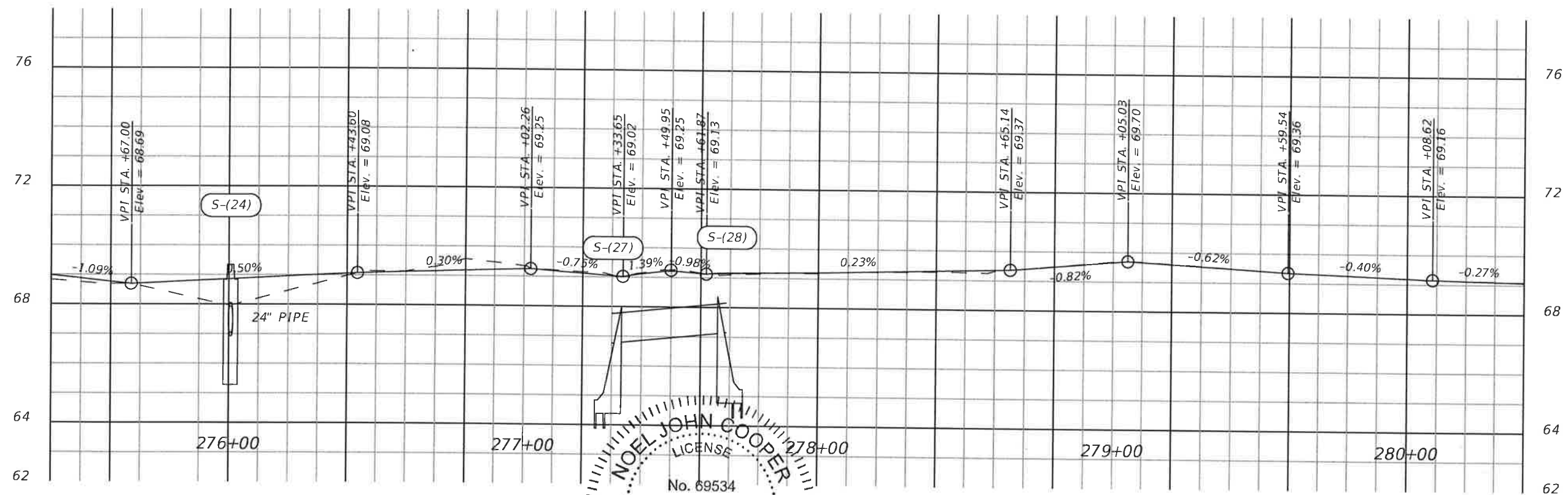
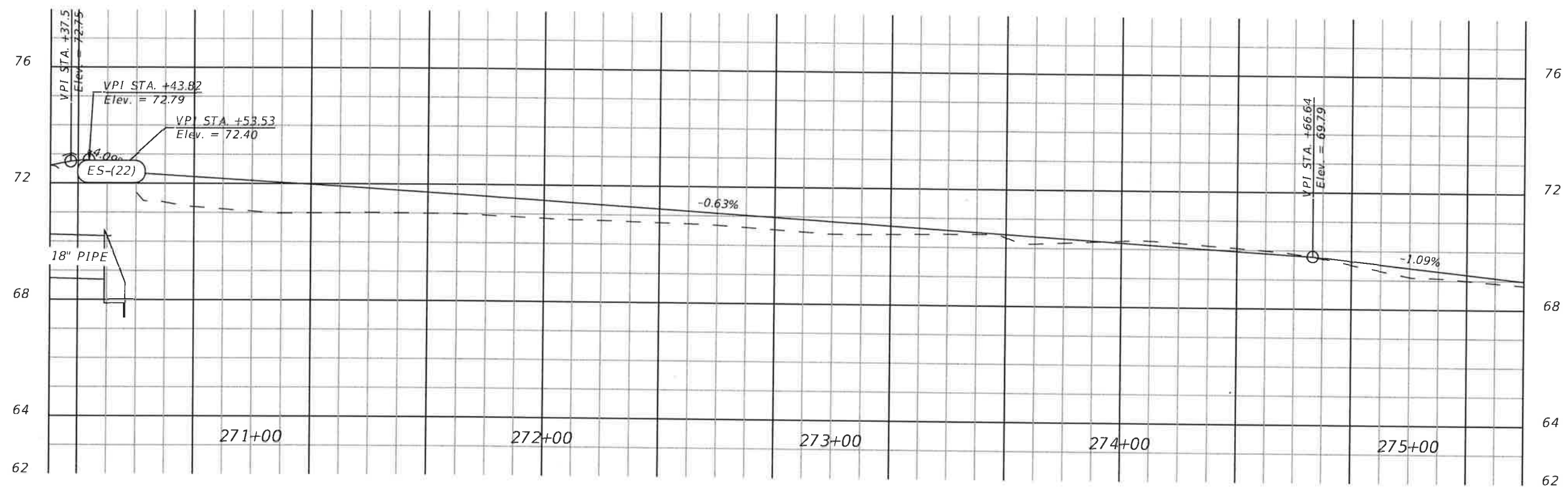
NOEL JOHN COOPER, FLORIDA
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
NE 21ST ST NORTH**

SHEET
NO.
37

Exhibit B - Plan Set



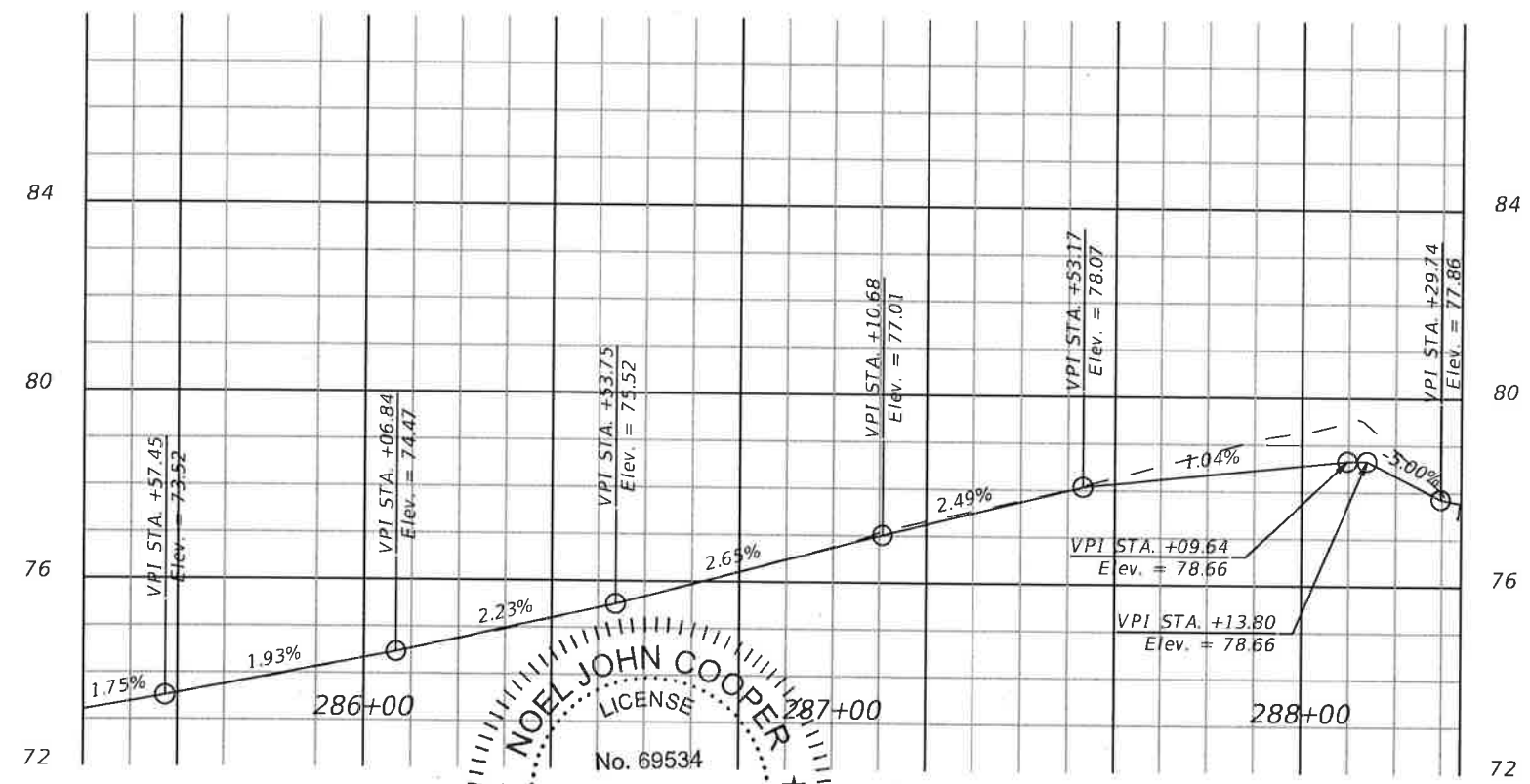
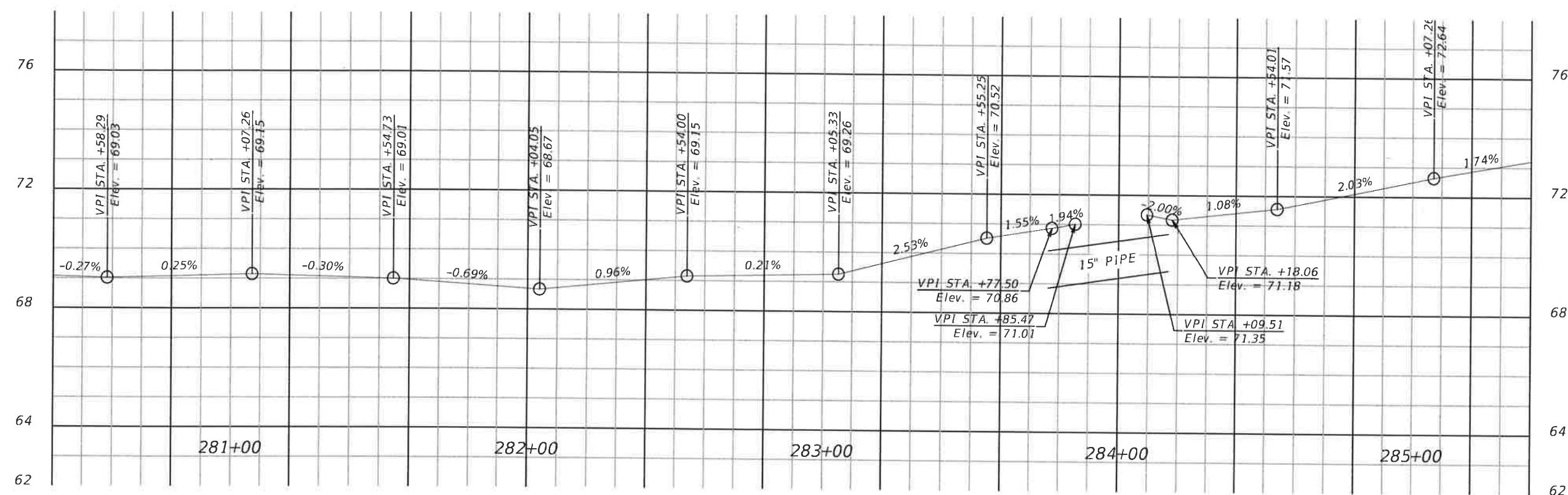
1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
VALID ONLY WITH EMBROIDERED SEAL

PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
OCALA CITY ENGINEER'S OFFICE	BACK OF SIDEWALK PROFILE - SE 24TH ST NORTH	
Donald, Marco		38

Exhibit B - Plan Set



1" = 40' Horizontal
1" = 4' Vertical

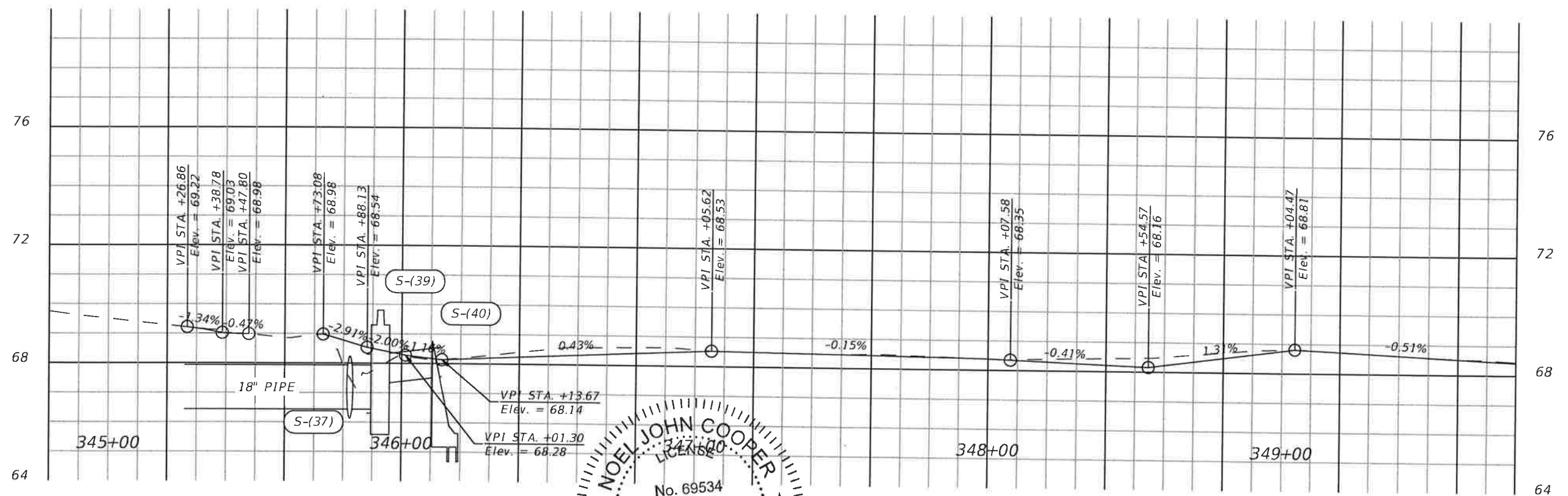
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
DATE 12/17/2021
VALID ONLY WITH EMBOSSED SEAL

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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SE 24TH ST NORTH**

SHEET NO.
39



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

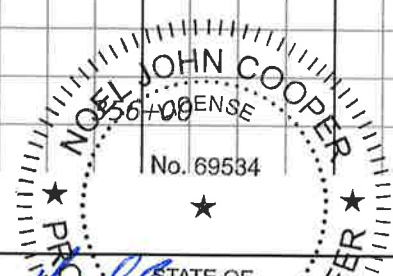
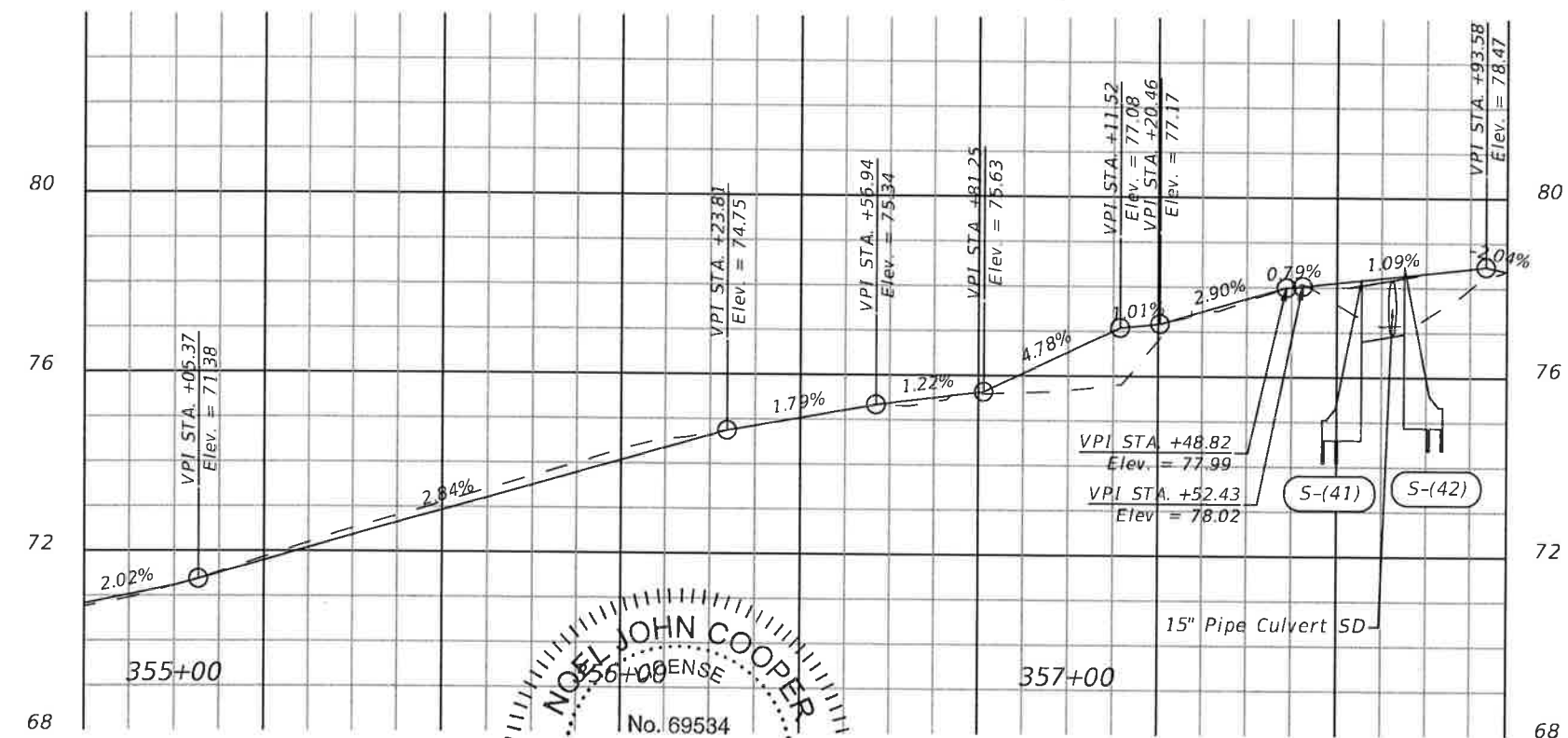
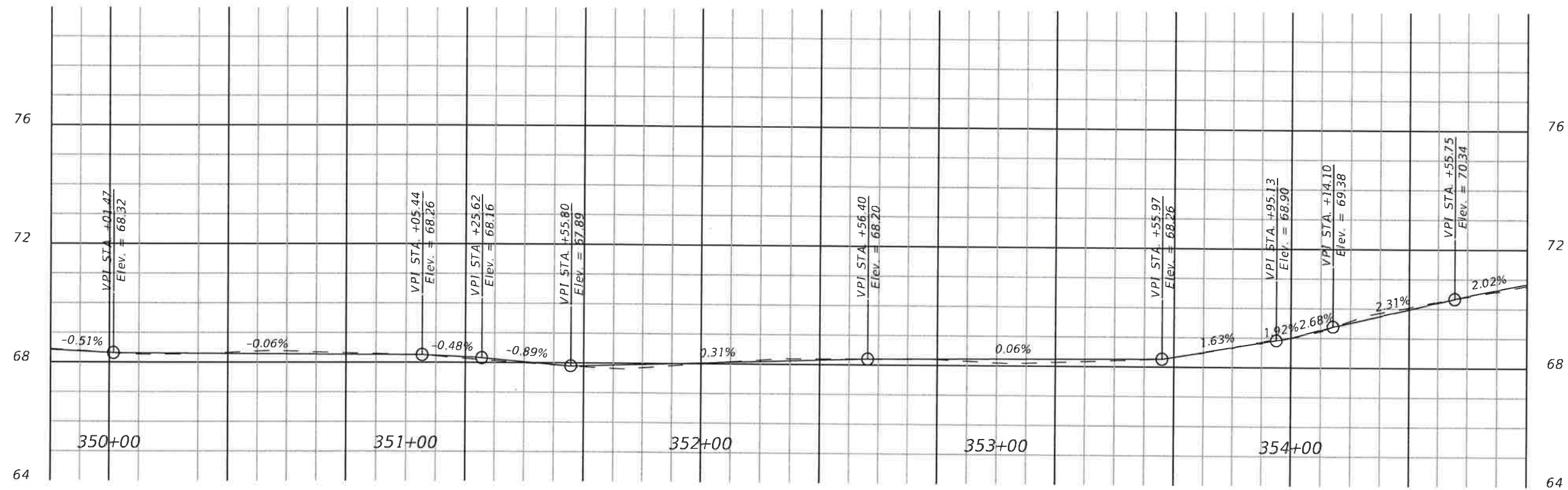
NOEL JOHNS COOPER L BRIDA
P.E. LICENSE NUMBER 89534
STATE OF FLORIDA
VALID ONLY WITH EMBOSSED SEAL



BACK OF SIDEWALK PROFILE -
SE 24TH ST SOUTH

40

Exhibit B - Plan Set



1" = 40' Horizontal
1" = 4' Vertical

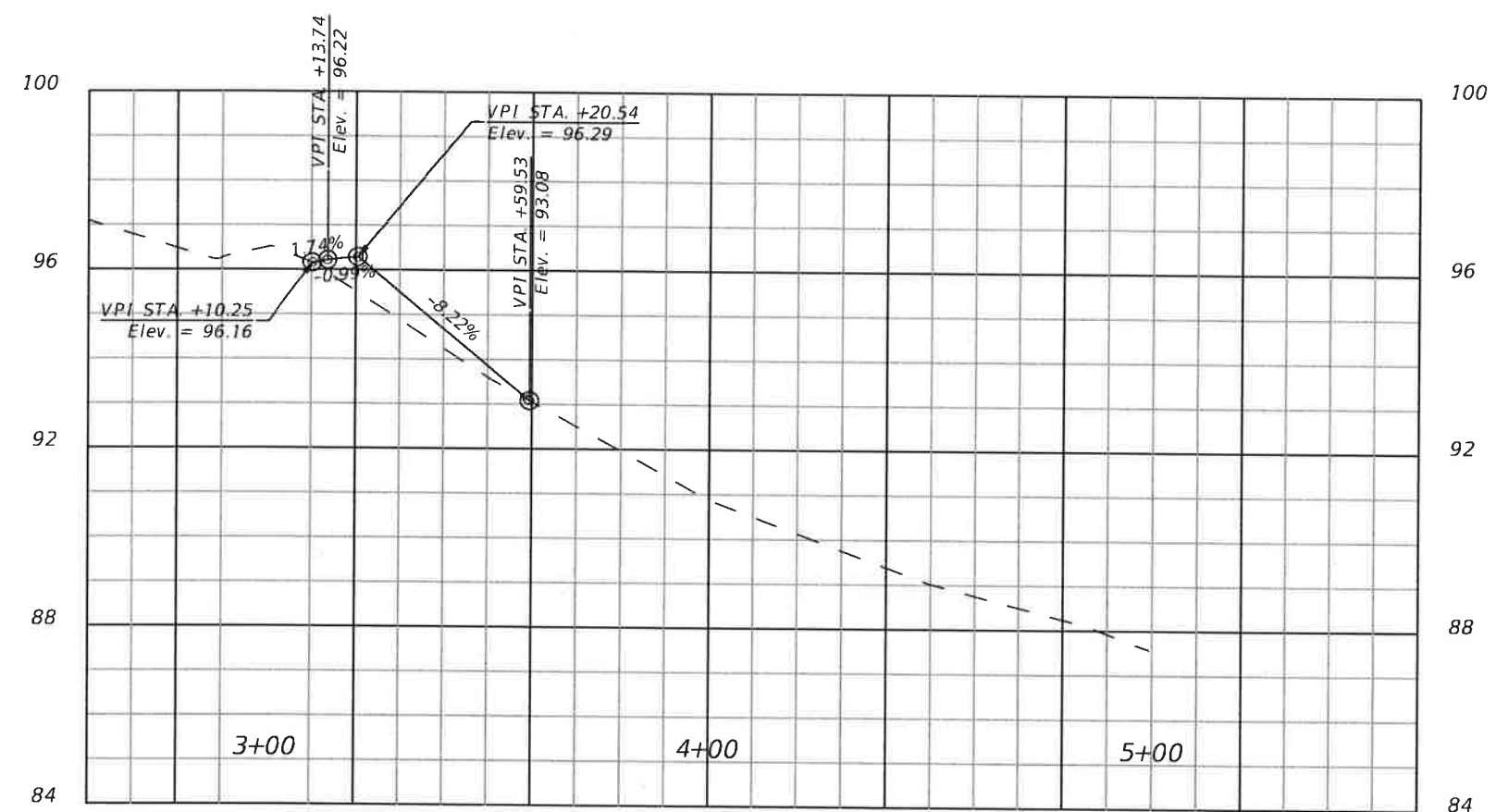
REVISIONS		REVISIONS		DATE	DESCRIPTION	DATE	DESCRIPTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
								41

STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
STATE OF FLORIDA, DATE: 12/1/2021
VALID ONLY WITH EMBOSSED SEAL.

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CITYWIDE SIDEWALK IMPROVEMENTS
**BACK OF SIDEWALK PROFILE -
SE 24TH ST SOUTH**

SW 3rd Avenue 2+60.00-5+60.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
VALID ONLY WITH EMBOSSED SEAL

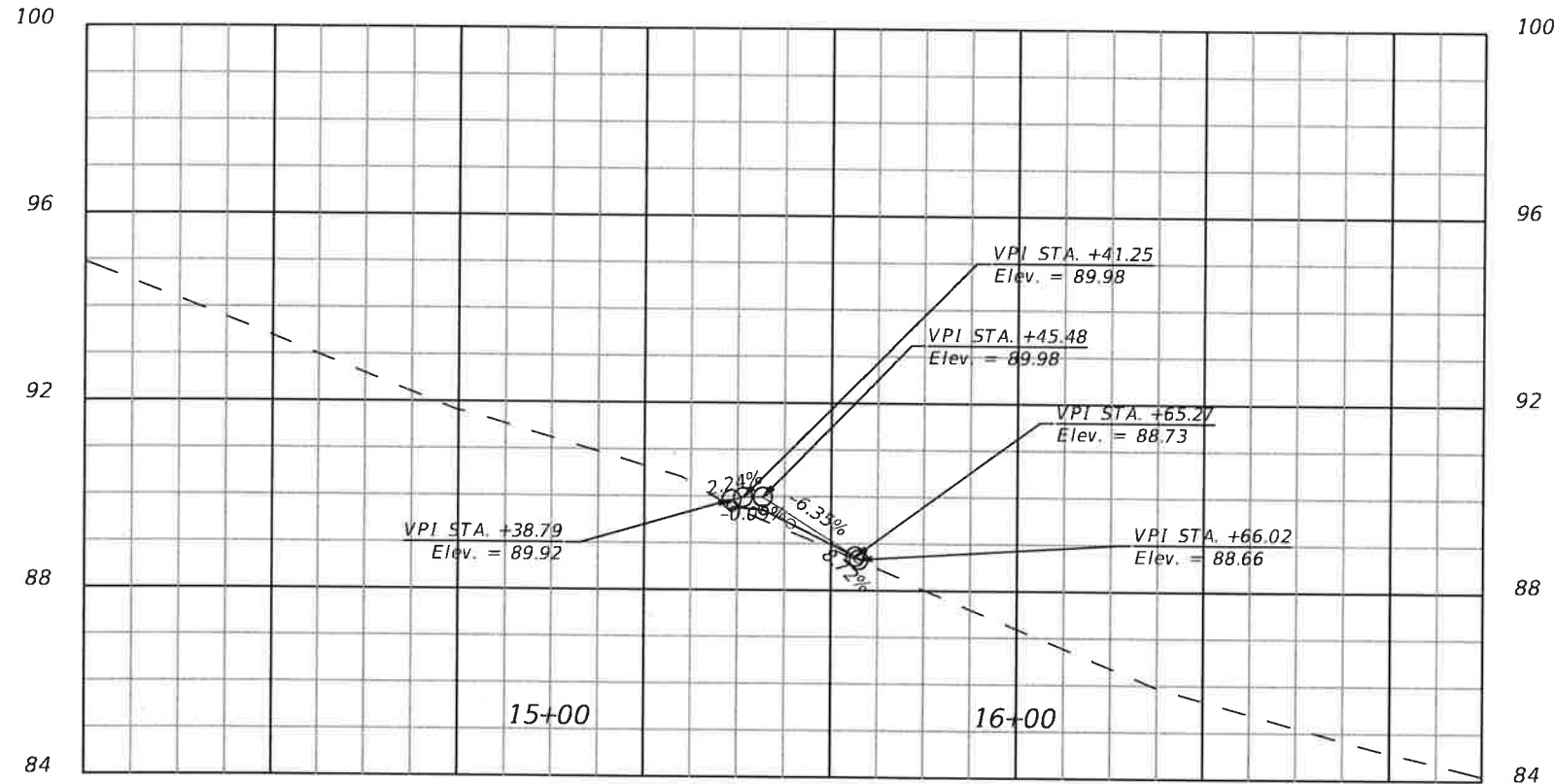
PREPARED BY
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CITY ENGINEER'S OFFICE
Donald Marco

CITYWIDE SIDEWALK IMPROVEMENTS
**ROADWAY PROFILE -
SW 3RD AVE**

SHEET NO.
42

1" = 40' Horizontal
1" = 4' Vertical

SW 1st Avenue 14+00.00-17+00.00



REVISIONS				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	
				43

STATE OF FLORIDA
NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
VALID ONLY WITH EMBOSSED SEAL

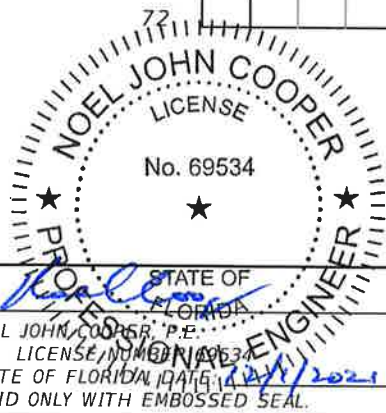
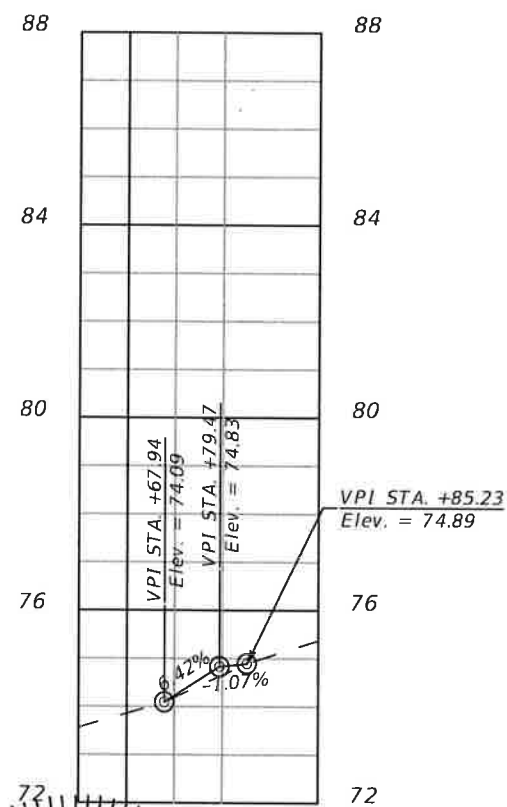
PREPARED BY
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Donald Marco

CITYWIDE SIDEWALK IMPROVEMENTS
**ROADWAY PROFILE -
SW 1ST AVE**

1" = 40' Horizontal
1" = 4' Vertical

NW 6th Terr CL

361+50.00-362+00.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER, P.E.
P.E. LICENSE NO. 69534
STATE OF FLORIDA
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CITYWIDE SIDEWALK IMPROVEMENTS
**ROADWAY PROFILE -
NW 6TH TERR**

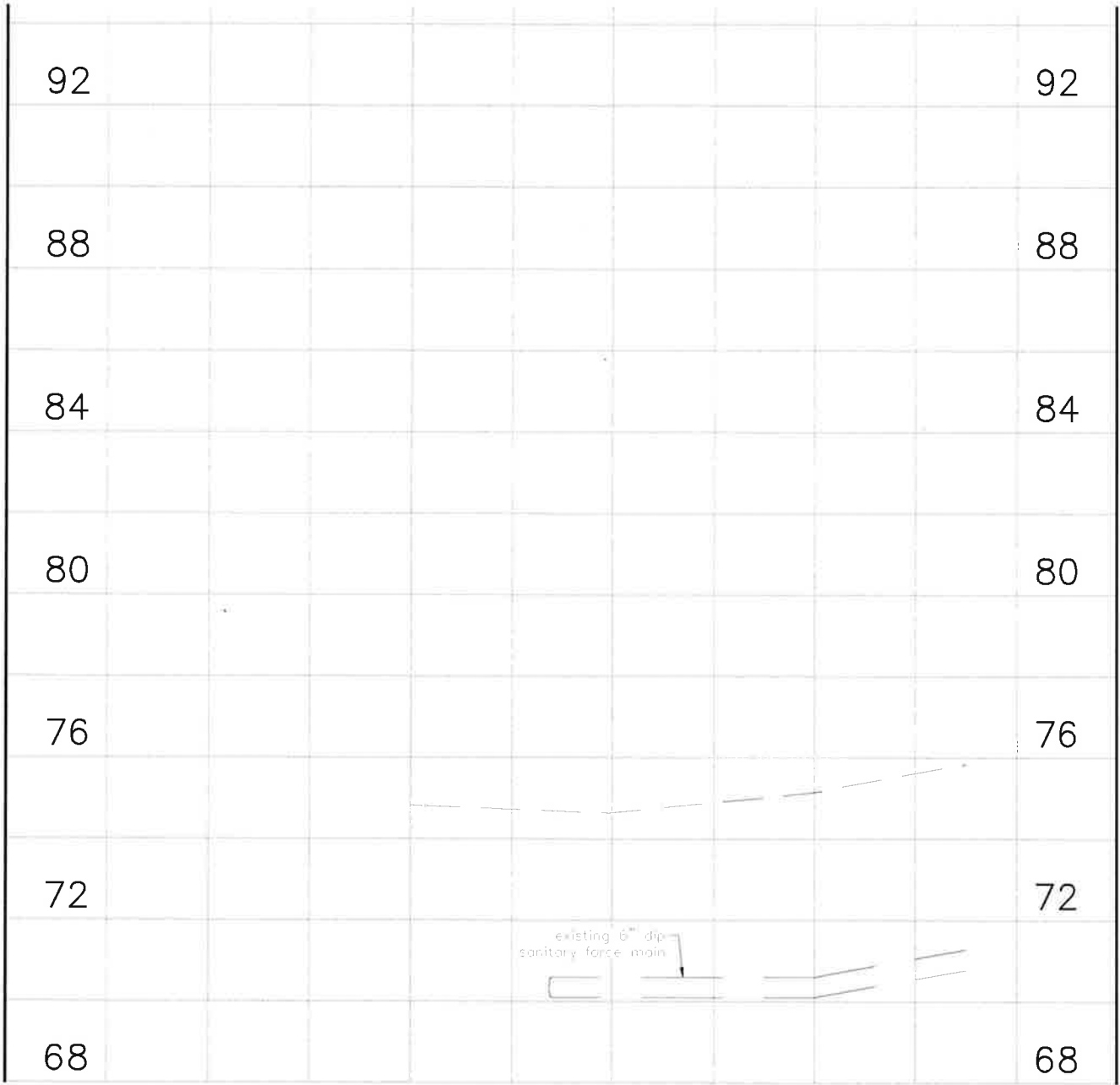
SHEET NO.
44

1" = 40' Horizontal
1" = 4' Vertical

CURE

- 1. CLEAR AND GRUB 1' FROM EACH EDGE OF PAVEMENT FROM STA 320+00 TO STA 328+00
- 2. EXCAVATE 14" DEPTH FROM GRUBBED AREA AND INSTALL 12" LIMEROCK BASE.
- 3. RECLAIM EXISTING ASPHALT AND 6" OF LIMEROCK.
- 4. RECOMPACT BASE ALONG EXISTING ROADWAY BED TO 2" BELOW ORIGINAL ELEVATION. MIX WITH NEW LIMEROCK BASE TO CREATE A SEAMLESS BASE. LEVEL AS NECESSARY.
- 5. INSTALL CURB & GUTTER WHERE INDICATED.
- 6. MAINTAIN CURRENT DRAINAGE.
- 7. ADJUST ALL SANITARY SEWER MANHOLE LIDS AND WATER VALVE BOXES TO FINAL GRADE. REPLACE SANITARY LIDS WITH HINGED LIDS TO BE PROVIDED BY OTHERS.
- 8. APPLY PRIME COAT.
- 9. APPLY 2" SP 12.5
- 10. REPLACE DAMAGED LOOP DETECTORS
- 11. TEMPORARY STRIPING AND RPMs.
- 12. CLEAN UP.
- 13. PERMANENT STRIPING TO BE INSTALLED MINIMUM 14 DAYS AFTER PAVING.

SW 32nd Avenue PROFILE



DISCLAIMER

This information provided was derived from documents in the possession of the City of Ocala that are readily available. All existing underground utilities should be considered assumed. No warranties, expressed or implied, are provided as to the accuracy of the underground data herein & should be verified to determine exact location.

NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
VALID ONLY WITH EMBOSSED SEAL

				74.81	74.808	74.72	74.717	74.63	74.630	74.89	74.887	75.14	75.142	75.60	75.604	
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320+00 321+00

REVISIONS				NOEL JOHN COOPER, P.E. P.E. LICENSE NUMBER 69534 STATE OF FLORIDA, DATE 12/1/2021 VALID ONLY WITH EMBOSSED SEAL	PREPARED BY OCALA CITY ENGINEER'S OFFICE Donald Marco	CITYWIDE SIDEWALK IMPROVEMENTS ROADWAY PROFILE - SW 32ND AVE	SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION				

SW 32nd Avenue PROFILE

S-04
INSTALL 2' DIAMETER TYPE
8-P CONFLICT MANHOLE
PER FDOT SPI #425-001
STA. 326+36 (17' LT.)
TOP = 77.14
INV. W = 70.98
INV. E = 71.11

ES-3
CORE BORE AND SEAL NEW
PIPE TO EXIST. STRUCTURE
INV. E = 70.56 (NEW)
INV. N & S = 70.56 (EXISTING)
(CONTRACTOR TO FIELD VERIFY)

S-02
REMOVE EXISTING GRATE INLET &
INSTALL TYPE 2 CURB INLET
PER FDOT SPI #425-020
STA. 326+20 (15.5' RT.)
TOP = 77.26
MAINTAIN EXIST. INVERTS
(CONTRACTOR TO FIELD VERIFY)

existing 6" dip
sanitary force main

76.07	76.066	76.55	76.548	77.03	77.029	77.43	77.431	77.85	77.850	78.05	78.054	78.25	78.254	78.37	78.374	78.42	78.424	78.43	78.431	78.35	78.352	78.18	78.176	77.94	77.941	77.68	77.676	77.37	77.367	77.24	77.243	77.11	77.105	77.10	77.102	77.08	77.079	77.09	77.091	77.10	77.103
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322+00

323+00

324+00

325+00

326+00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

NOEL JOHN COOPER
P.E. LICENSE NO. 69534
STATE OF FLORIDA
VALID ONLY WITH IMPOSED SEAL

12/1/2021

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OCALA
CITY ENGINEER'S OFFICE

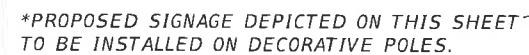
CITYWIDE SIDEWALK IMPROVEMENTS

**ROADWAY PROFILE -
SW 32ND AVE**

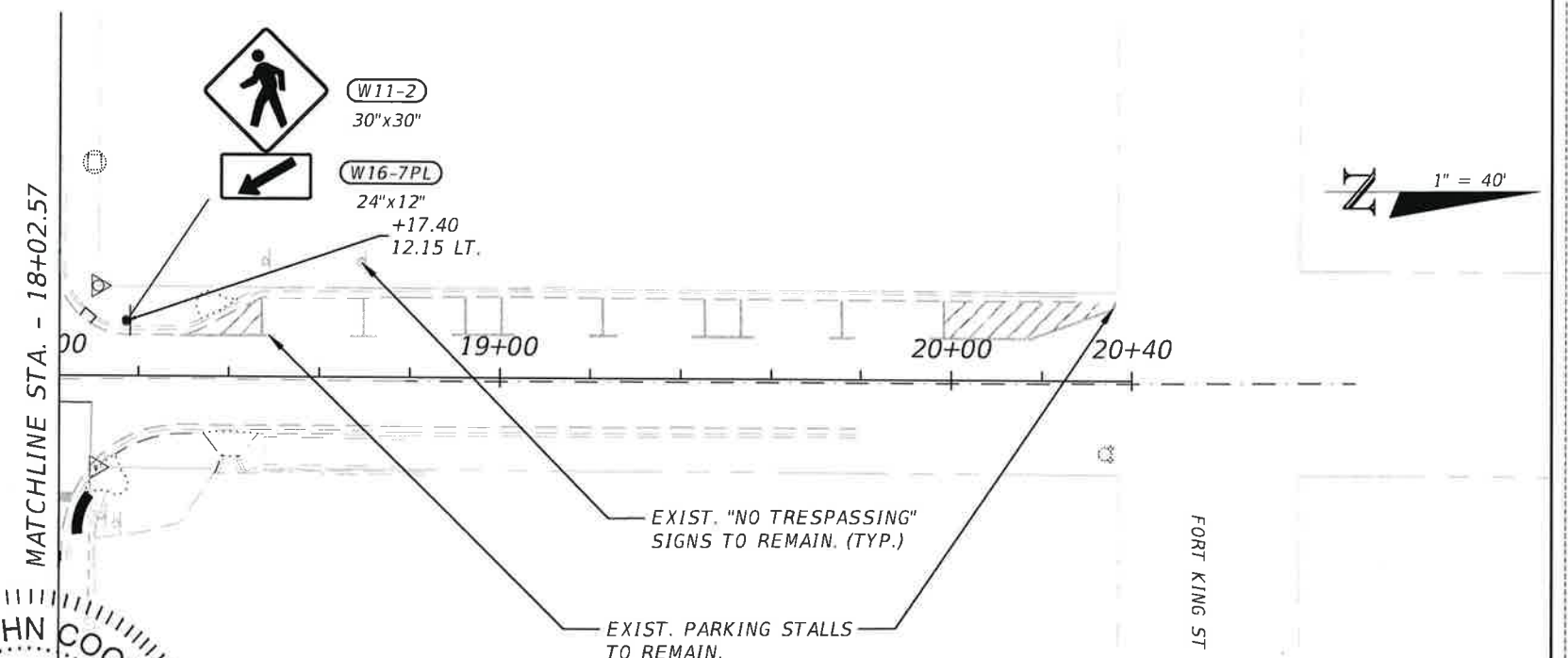
SHEET NO.
46

J:\SR-ENG-Transportation\Projects\2019\100 ROADS\19108 CITYWIDE SIDEWALK IMPROVEMENTS.E001

CONTINUES SHEET 49



EXIST. SIGNS TO REMAIN UNLESS EITHER
SHOWN TO BE REMOVED OR RELOCATION IS
REQUIRED TO CONSTRUCT SIDEWALKS
(WHETHER SHOWN OR NOT)



PREPARED BY

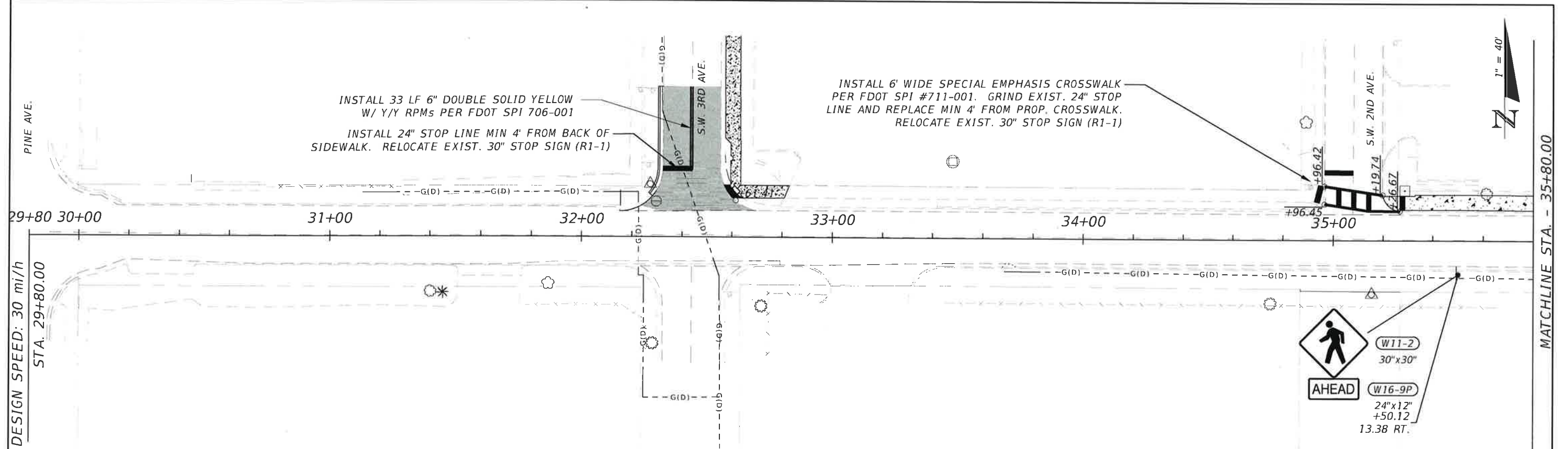
CITYWIDE SIDEWALK IMPROVEMENTS

SIGNAGE AND STRIPING PLANS - SW 1ST AVE

SHEET
NO.

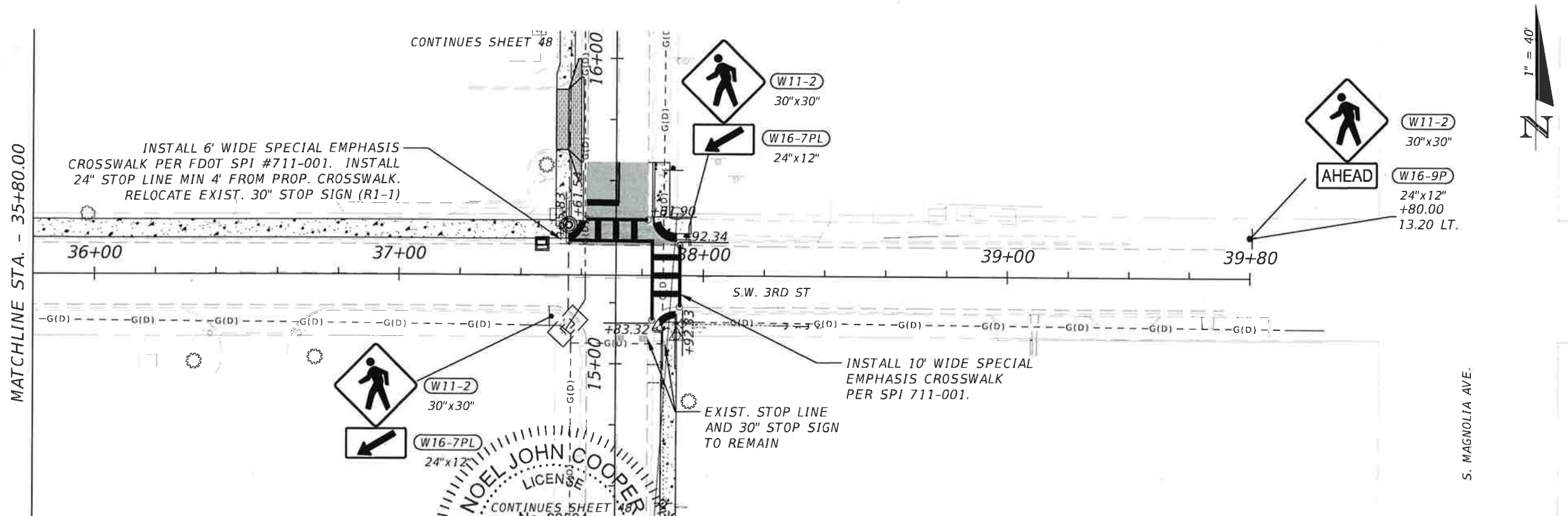
48

Exhibit B - Plan Set



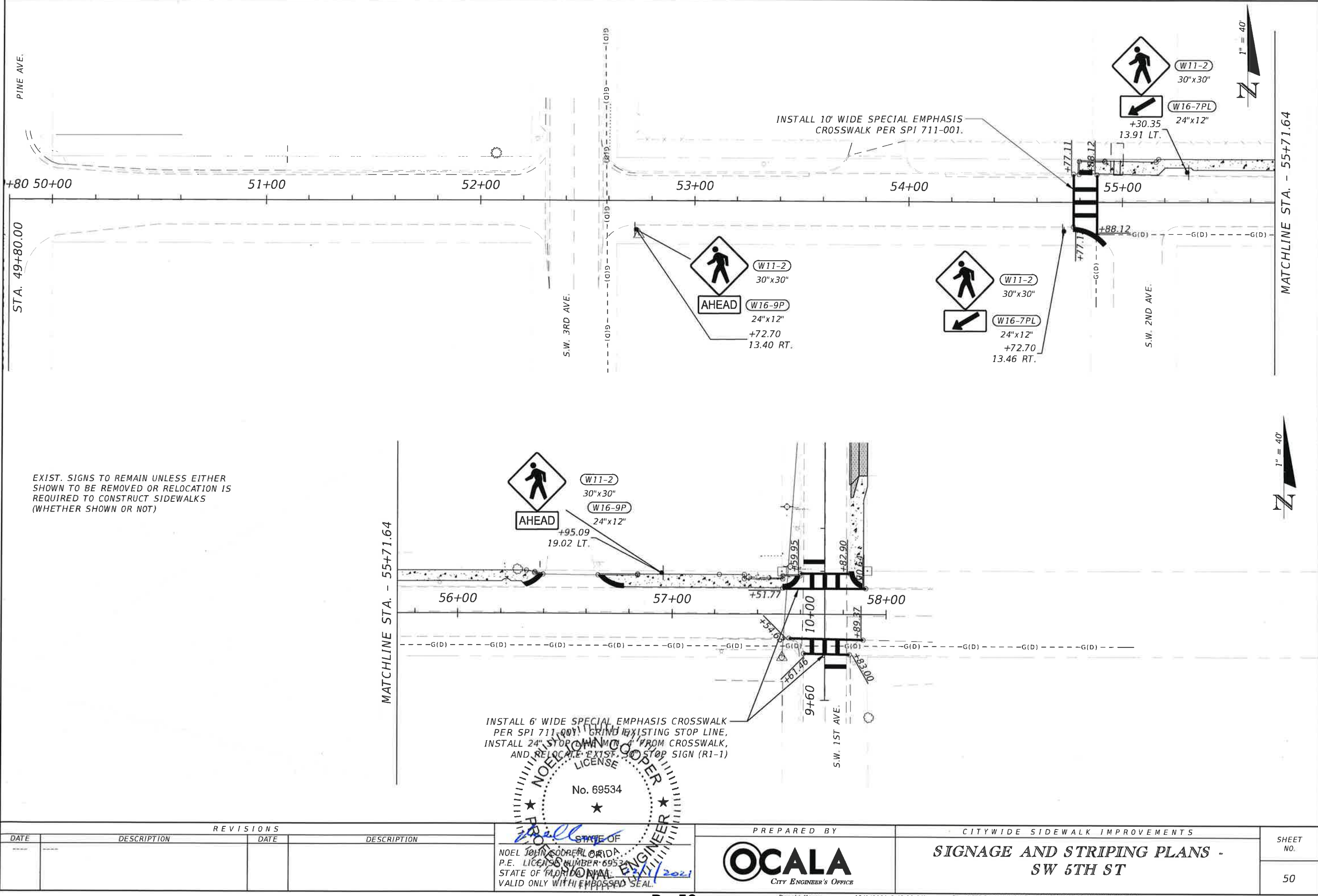
*PROPOSED SIGNAGE DEPICTED ON THIS SHEET
TO BE INSTALLED ON DECORATIVE POLES.

EXIST. SIGNS TO REMAIN UNLESS EITHER
SHOWN TO BE REMOVED OR RELOCATION IS
REQUIRED TO CONSTRUCT SIDEWALKS
(WHETHER SHOWN OR NOT)



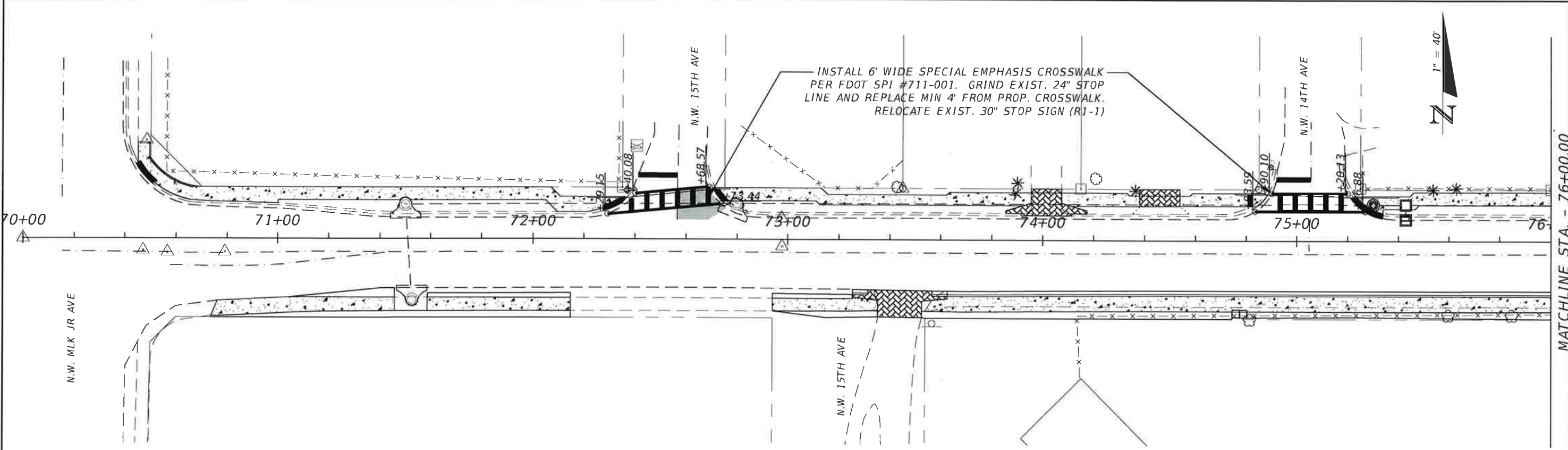
REVISIONS					PREPARED BY 	CITYWIDE SIDEWALK IMPROVEMENTS SIGNAGE AND STRIPING PLANS - SW 3RD ST	SHEET NO. 49
DATE	DESCRIPTION	DATE	DESCRIPTION				

Exhibit B - Plan Set

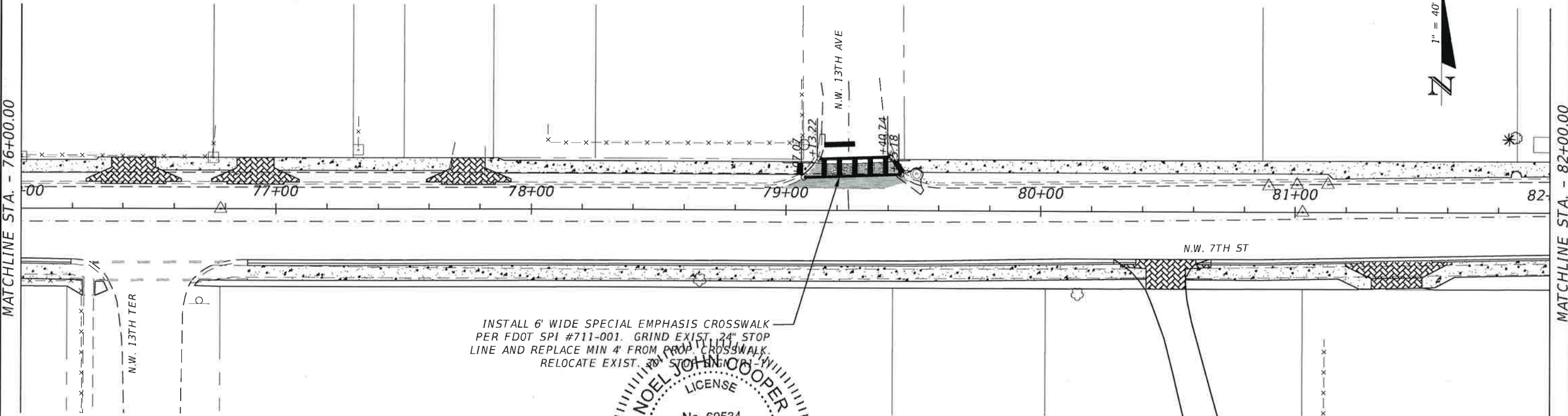


REVISIONS					PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			SIGNAGE AND STRIPING PLANS - SW 5TH ST	

Exhibit B - Plan Set



EXIST. SIGNS TO REMAIN UNLESS EITHER SHOWN TO BE REMOVED OR RELOCATION IS REQUIRED TO CONSTRUCT SIDEWALKS (WHETHER SHOWN OR NOT)



REVISIONS				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	
				51

NOEL JOHN COOPER
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA
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12/1/2021

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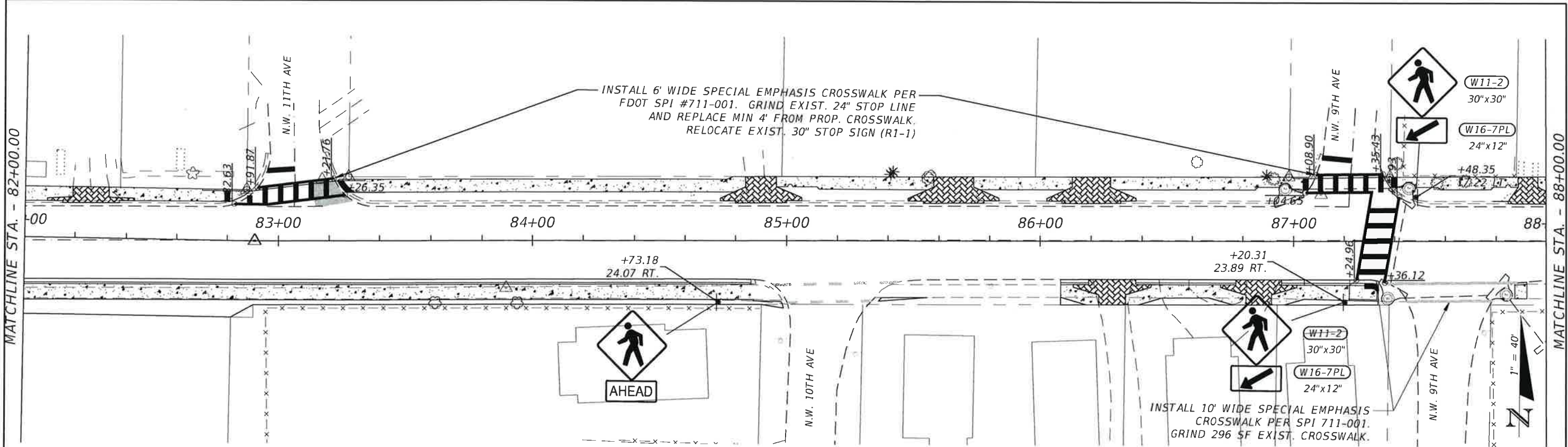
OCALA
CITY ENGINEER'S OFFICE

Donald Marco

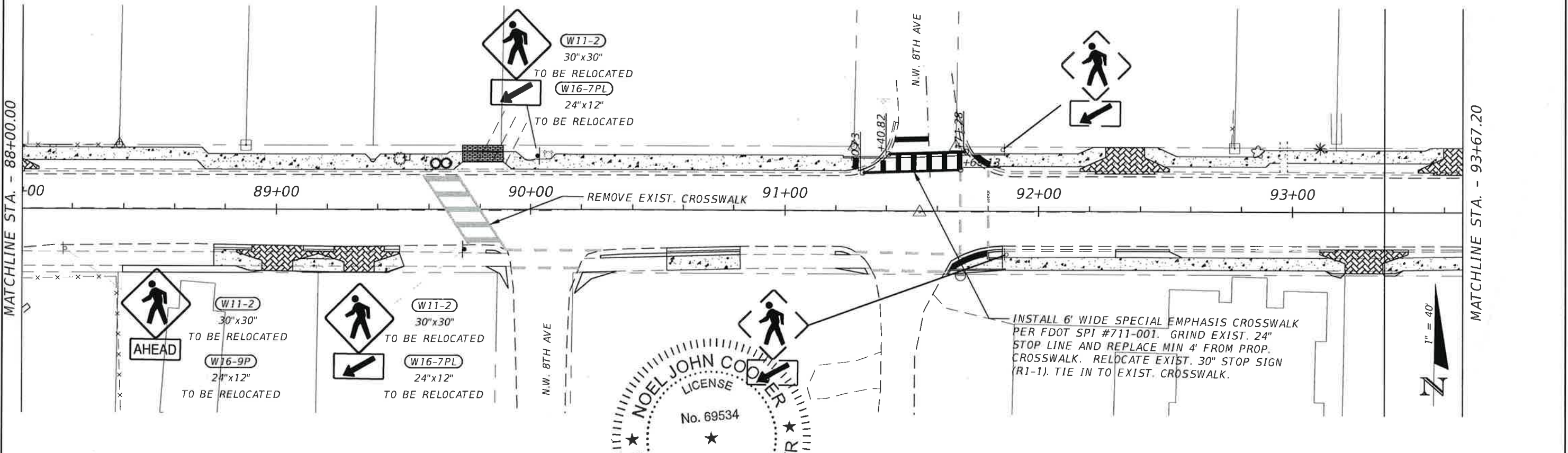
CITYWIDE SIDEWALK IMPROVEMENTS

SIGNAGE AND STRIPING PLANS - NW 7TH ST

Exhibit B - Plan Set



EXIST. SIGNS TO REMAIN UNLESS EITHER SHOWN TO BE REMOVED OR RELOCATION IS REQUIRED TO CONSTRUCT SIDEWALKS (WHETHER SHOWN OR NOT)



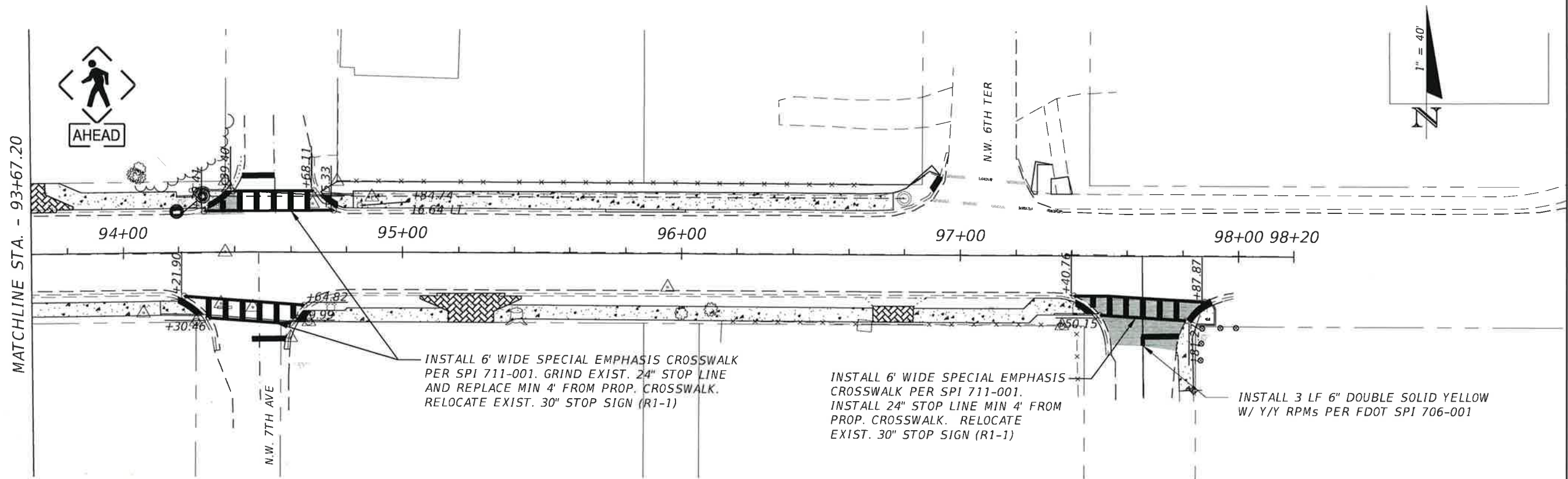
REVISIONS				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	
				52

NOEL JOHN COOPER
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CITYWIDE SIDEWALK IMPROVEMENTS
SIGNAGE AND STRIPING PLANS - NW 7TH ST

Exhibit B - Plan Set



EXIST. SIGNS TO REMAIN UNLESS EITHER SHOWN TO BE REMOVED OR RELOCATION IS REQUIRED TO CONSTRUCT SIDEWALKS (WHETHER SHOWN OR NOT)



REVISIONS				DATE	DESCRIPTION	PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					

NOEL JOHN COOPER, P.E.
P.E. LICENSE NUMBER 69534
STATE OF FLORIDA, DATE 12/1/2021
VALID ONLY WITH EMBOSSED SEAL

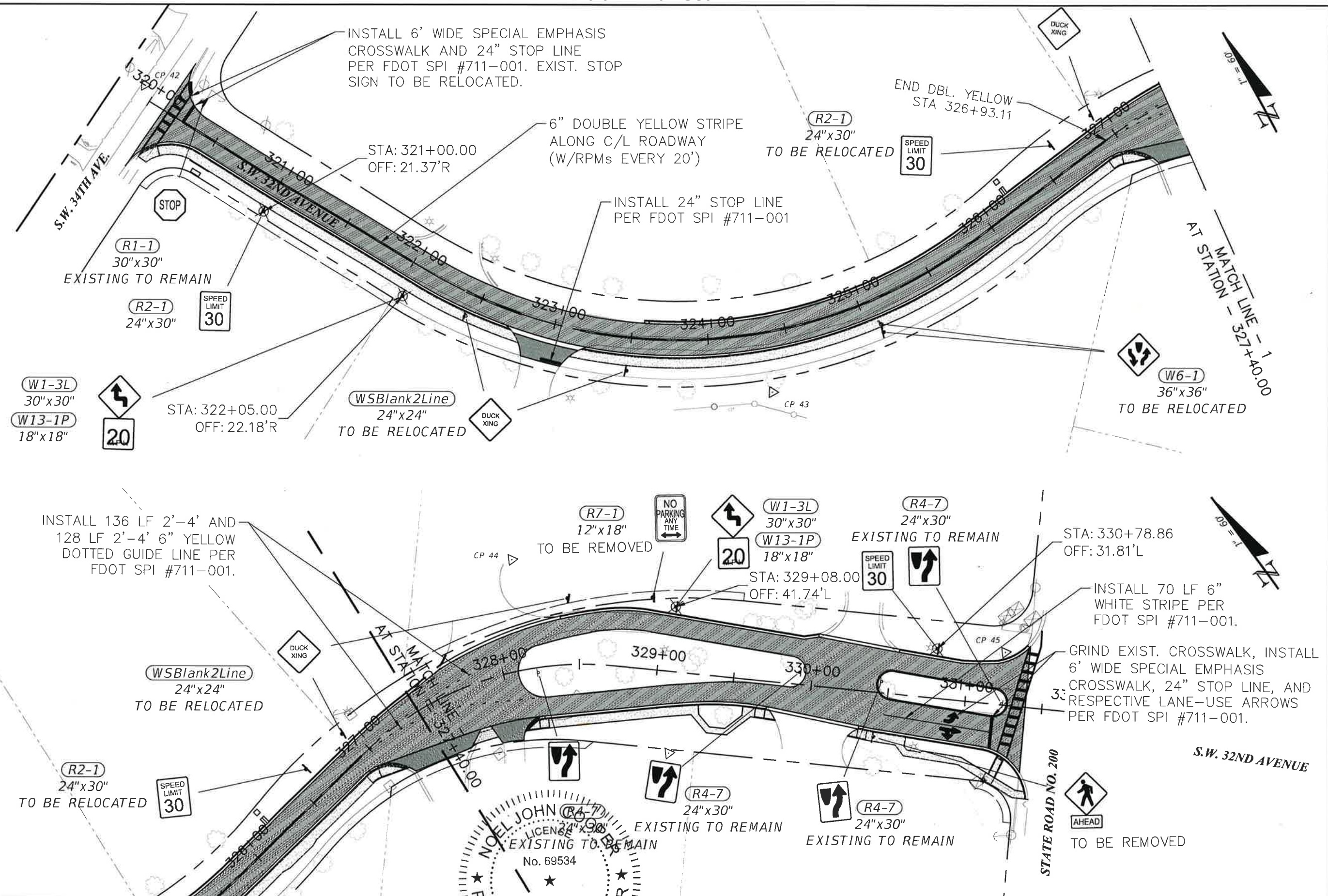
OCALA
CITY ENGINEER'S OFFICE

Donald Marco 12/1/2021 2:43:56 PM T:_50-ENG-Transportation\Projects\2019\100 ROADS\19108 CITYWIDE SIDEWALK IMPROVEMENTS.FDOT

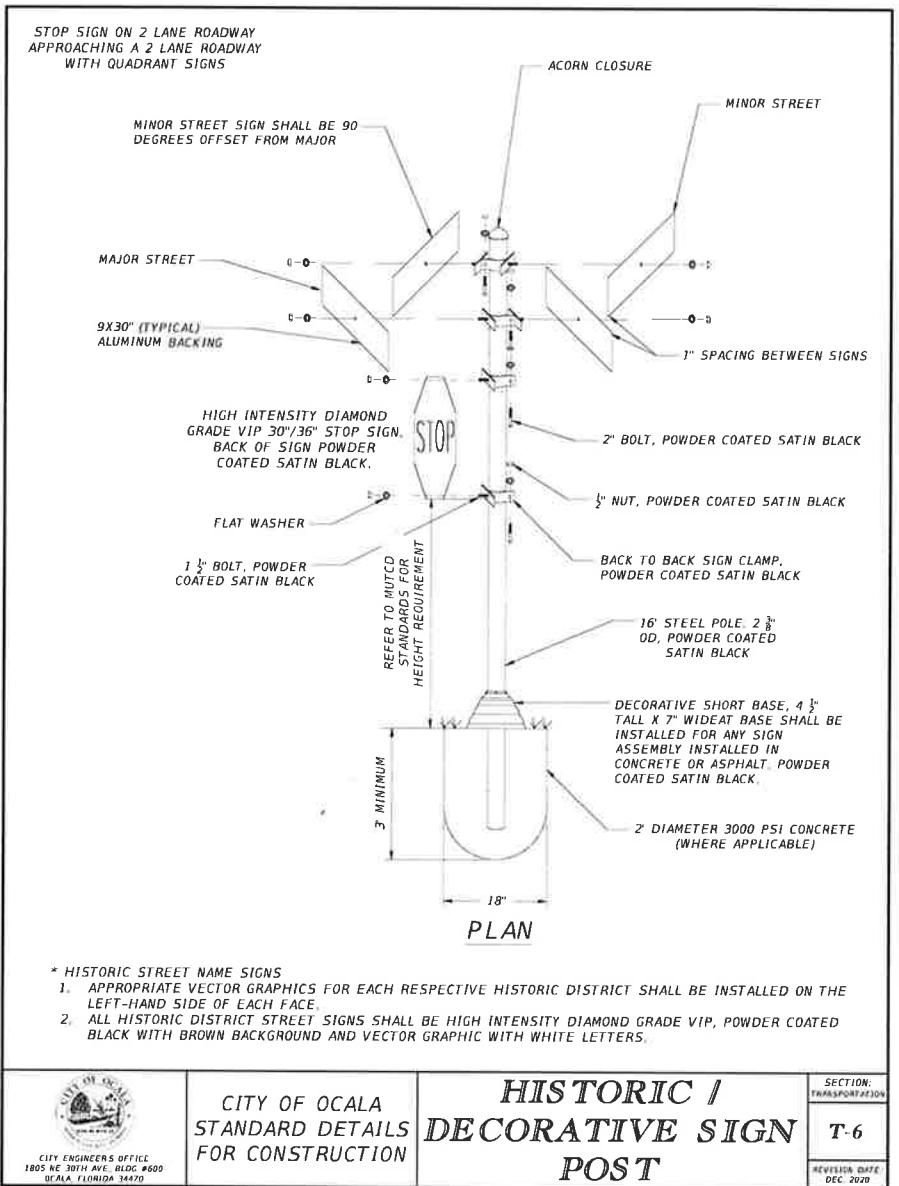
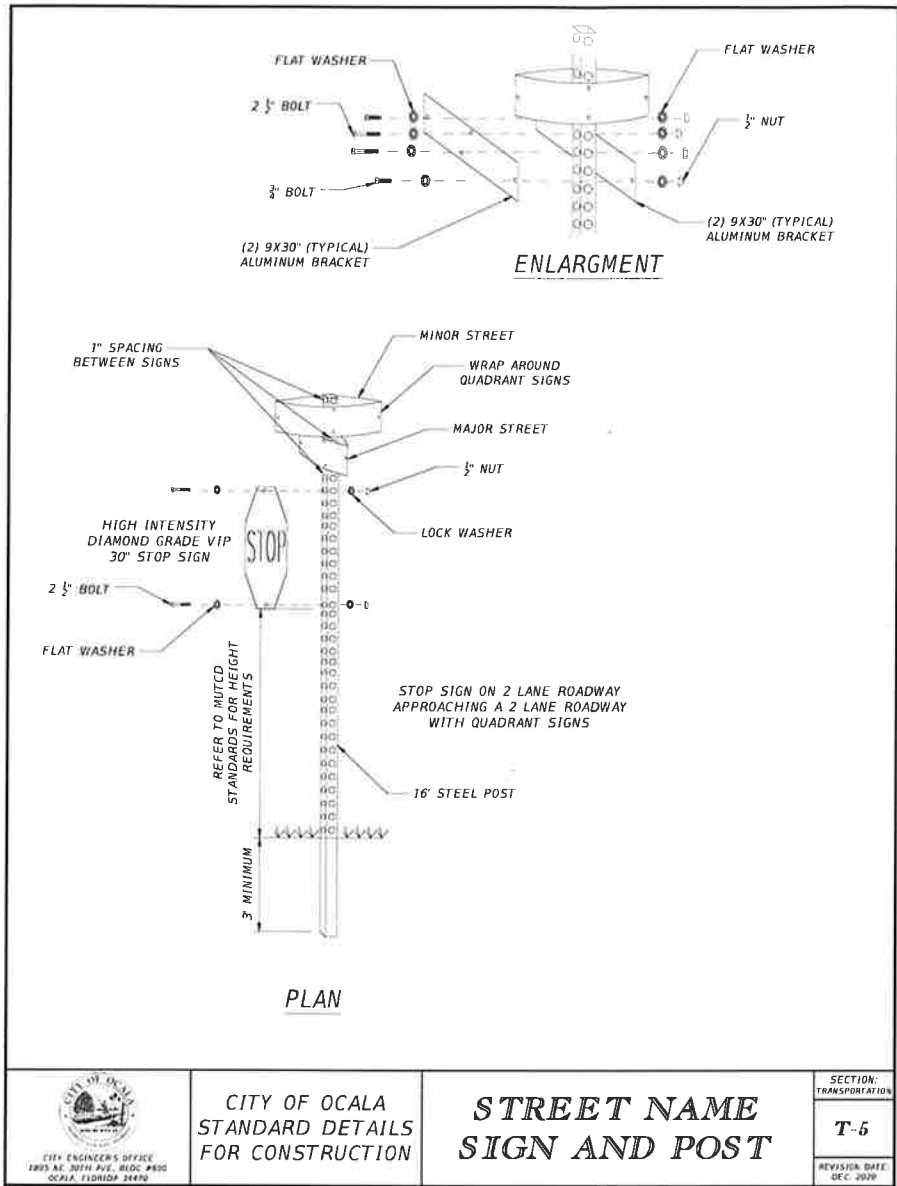
SIGNAGE AND STRIPING PLANS - NW 7TH ST

53

Exhibit B - Plan Set



REVISIONS					PREPARED BY 	CITYWIDE SIDEWALK IMPROVEMENTS SIGNAGE AND STRIPING PLANS - SW 32ND AVE	SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION				



REVISIONS				PREPARED BY	CITYWIDE SIDEWALK IMPROVEMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				 Donald Marco	SIGNAGE DETAILS	55