

GENERAL NOTES

- BENCHMARK DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND DETERMINED FROM MIAMI-DADE COUNTY BENCHMARKS: BM-35 AND N-472. HORIZONTAL DATA IS BASED ON THE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE, NAD OF 1983, ADJUSTMENT OF 1990.
- ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY DAVID NEWCOMER, FLORIDA STATE GEODETIC ADVISOR NOAA/NOS/NGS, 3900 COMMONWEALTH BLVD, MAIL STATION 105, TALLAHASSEE, FLORIDA 32399, TELEPHONE (850) 245-2610.
- ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY THE CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED, OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
- ALL STATIONS AND OFFSETS REFER TO CENTERLINE OF CONSTRUCTION.
- ALL GRADES SHOWN IN PLAN ARE FINISHED GRADES.
- FDOT DIVISION 1 SECTION 5-3 CONFORMITY OF WORK WITH CONTRACT DOCUMENT IS REVISED TO REQUIRE FINISH GRADES TO VARY NO MORE THAN 0.05 FEET FROM GRADES SHOWN IN THE PLANS.
- THE CONTRACTOR SHALL PAINT ALL STATIONS WITH STENCILED NUMBERS ON THE FACE OF CURB:
 - FROM THE BEGINNING OF THE PROJECT WHERE THE CURB IS TO REMAIN.
 - AT NEW CURB NOT LATER THAN 72 HOURS AFTER BEING POURED.
 - WHERE CURB DOES NOT EXIST AND SHALL NOT BE CONSTRUCTED, THE CONTRACTOR SHALL MAINTAIN STATIONING WITH SURVEY STAKES. CONTRACTOR SHALL MAINTAIN THE STATION MARKS VISIBLE UNTIL FINAL INSPECTION.
- CENTERLINE CONTROL SURVEY CONDUCTED BY PERIMETER SURVEYING AND MAPPING.
- ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT, MIAMI-DADE COUNTY, AND ANY OTHER STATE OR LOCAL AGENCY WITH JURISDICTION. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER.
- THE LOCATION AND SIZE OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON AVAILABLE INFORMATION PROVIDED BY UTILITY OWNERS AND SHOULD BE CONSIDERED APPROXIMATE ONLY. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY PRE-TRENCHING IN COORDINATION WITH ALL UTILITY COMPANIES, PRIOR TO BEGINNING ANY CONSTRUCTION OPERATION. 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. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DUE TO CONTRACTOR'S CONSTRUCTION OPERATIONS.
- THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD AND UNDERGROUND UTILITIES.
- CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE-CALL AT 811 AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO PERFORMING ANY DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
- KNOWN UTILITY COMPANIES IN THE PROJECT LIMITS INCLUDE, BUT ARE NOT LIMITED TO:

COMPANY	CONTACT	TELEPHONE
AT&T	NANCY SPENCE	770-918-5424
AT&T DISTRIBUTION	DINO FARRUGIO	561-997-0240
COMCAST CABLE	LEONARD MAXWELL-NEWBOLD	954-447-8405
FIBERLIGHT LLC	TROY GAETA	678-824-6630
FDOT, DISTRICT 6	THOMAS MILLER	305-470-5757
FLORIDA POWER AND LIGHT	EDGAR AGUILAR	386-586-6403
CROWN CASTLE FIBER	DANNY HASKETT	786-610-7073
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	877-366-8344, X2
MCI	DEAN BOYERS	469-886-4238
MIAMI-DADE COUNTY PUBLIC WORKS	OCTAVIO VIDAL	305-412-0891, X201
MIAMI-DADE WATER AND SEWER	LAZARO GUERRA	786-268-5255
FLORIDA CITY GAS	HARRY ROCHA	305-835-3612
TOWN OF MEDLEY UTILITIES	JORGE C SOTO	305-889-1915

- THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT ARE SERVICED BY BURIED AND OVERHEAD UTILITIES, INCLUDING, BUT NOT LIMITED TO: ELECTRIC, TELEPHONE, GAS, WATER, AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE AND ALL LATERAL SERVICES FROM THE UTILITY COMPANIES. THE ADDITIONAL COST OF EXCAVATING, INSTALLING, BACKFILLING, AND COMPACTING AROUND THESE LATERAL SERVICES MUST BE INCLUDED IN THE BID RELATED ITEM FOR THE WORK BEING DONE.

- ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED WITHIN 48 HOURS BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE AGREED IN WRITING BY THE OWNER.
- ANY DAMAGE TO ANY OF THE EXISTING FACILITIES INCLUDING FENCES, ITS FACILITIES, STREET LIGHTING ETC., DUE TO CONSTRUCTION OPERATIONS, WILL BE REPAIRED/REPLACED AS PER THE MIAMI-DADE COUNTY'S OR CITY OF MIAMI DESIGN STANDARDS CURRENT EDITION AT THE CONTRACTOR'S EXPENSE.
- CLEARING AND GRUBBING, GRADING AND OTHER INCIDENTAL WORK NECESSARY FOR HARMONIZATION OUTSIDE R/W SHALL BE INCLUDED IN RELATED BID ITEMS.
- ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
- 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 INCLUDING ADJACENT UTILITIES AND LANDSCAPE/HARDSCAPE (EXISTING OR PROPOSED) 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE DEWATERING PERMIT. COST OF ANY ACTIVITIES TO OBTAIN DEWATERING PERMIT, AND TIME TO PROCURE THE PERMIT SHALL BE INCLUDED IN THE RELATED BID ITEM AND SCHEDULE FOR THE WORK BEING DONE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, LICENSES AND GIVE NOTICES TO THE APPROPRIATE AGENCIES TO COMPLETE THE PROJECT.
- CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE EPA AND NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
- EXPLORATORY OR PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES, STRUCTURES, EXFILTRATION TRENCH, CONDUITS, POLE FOUNDATIONS AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE COUNTY OR CITY WITH IMMEDIATE NOTIFICATION OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR EXPLORATORY OR PRE-TRENCHING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE THE WORK BEING DONE.
- ALL TRENCH EXCAVATIONS SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE TRENCH SAFETY ACT.
- THE CONTRACTOR WILL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF CONSTRUCTION AND DESIGNATED STAGING AREA.
- ALL EXCESS MATERIAL, AS DESIGNATED BY THE ENGINEER, IS TO BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY HIM WITHIN 72 HOURS OF BEING DEPOSITED IN THE CONSTRUCTION AREA AND AT THE CONTRACTOR'S EXPENSE.
- ALL DISPOSAL OF MATERIALS, RUBBISH, AND DEBRIS SHALL BE MADE BY THE CONTRACTOR AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. ALL COSTS ARE TO BE INCLUDED IN PAY ITEM FOR MAINTENANCE OF TRAFFIC. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
- ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE PROJECT ENGINEER, AND THE CONTRACTOR SHALL TREAT/DISPOSE OF SUCH MATERIAL APPROPRIATELY. THE CONTRACTOR SHALL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE PERMIT REQUIREMENTS FOR TREATMENT/DISPOSAL OF ANY SUCH MATERIAL. COST TO BE INCLUDED IN ASSOCIATED PAY-ITEM FOR THE WORK BEING DONE.
- EXISTING ABOVE GROUND FEATURES ARE SHOWN ACCORDING TO THE AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES, WHICH MAY NOT BE SHOWN ON PLANS. ANY STRUCTURE, PAVEMENT, TREES OR OTHER EXISTING FEATURE NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, AS DETERMINED BY THE ENGINEER, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER
- THE CONTRACTOR SHALL USE A STREET SWEEPER WATER TRUCK, AND/OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST ON A DAILY BASIS. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO THE WORK.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS AND/OR CUT SHEETS, AS APPLICABLE FOR ALL ITEMS USED IN THIS PROJECT.

- WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE DISSIMILAR MATERIAL SHALL BE SEPARATED BY COATING THE CONTACT SURFACE WITH AN APPROVED NON-TOXIC BITUMASTIC MATERIAL.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL DRAINAGE PIPES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- CAST IRON PRODUCTS: HEAVY-DUTY CLASSIFICATION SUITABLE FOR HIGHWAY TRAFFIC LOADS OR 16,000 LBS WHEEL LOADS.
- STEEL GRATING AND COVERS: TRAFFIC CLASSIFICATION H-20; 16,000 LBS OVER 8"x20" AREA.
- EXISTING DRAINAGE STRUCTURES AND STORM SEWER PIPES WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED ON PLANS.
- EXISTING MANHOLES AND INLETS SCHEDULED TO REMAIN PER THIS SET OF PLAN SHALL BE THOROUGHLY CLEANED BY REMOVING ALL DEBRIS AND SEDIMENTS, AND THE INTERIOR SHALL BE SEALED WITH AN APPROVED NON-TOXIC BITUMASTIC SEALANT.
- PRIOR TO CONSTRUCTION THE CONTRACTOR WILL INSPECT ALL EXISTING STRUCTURES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY OBVIOUS STRUCTURAL DEFICIENCIES. RELATED COST TO BE INCLUDED IN PAY-ITEM FOR CLEARING AND GRUBBING.
- CONTRACTOR SHALL ADJUST ALL EXISTING CATCH BASINS, GRATES, AND STORM MANHOLE COVERS TO MEET NEW FINISH GRADES WHERE APPLICABLE.
- ELEVATIONS AND OFFSETS SHOWN AT DRAINAGE STRUCTURES REFER TO THE CENTER OF STRUCTURE/ GRATE UNLESS OTHERWISE NOTED.
- RADII ON CURB RETURNS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF ALL PIPES WHICH ARE TO REMAIN AND NOTIFY THE ENGINEER OF ANY ELEVATION DEVIATIONS.
- THERE SHALL BE NO MORE THAN THREE LATERAL DRAINAGE INSTALLATIONS OR 600 LF OF OPEN EXCAVATION (WHICHEVER IS LESS) WITHOUT BACKFILLING. BACKFILLING OF LATERAL DRAINAGE AND INSTALLATION OF TEMPORARY OR PERMANENT ASPHALT SHALL NOT LAG MORE THAN 72 HOURS BEHIND THE START OF EXCAVATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, INSTALLATION, AND MAINTENANCE OF ALL TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN THE LATEST PUBLIC WORKS DEPARTMENT MANUAL, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND THE FDOT DESIGN STANDARDS.
- WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT LINE AND FLUSH WITH THE EXISTING PAVEMENT.
- COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND DEPTH OF PIPES, MANHOLES, ETC. SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL ELEVATIONS SHALL BE TAKEN BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAWINGS. 2 SETS OF AS-BUILT HARD COPIES SHALL BE SUBMITTED ALONG WITH A CD CONTAINING A DIGITAL COPY IN PDF AND CAD FORMAT.
- DESIGN WATER TABLE ELEVATION: 2.5
- MIAMI-DADE COUNTY FLOOD CRITERIA ELEVATION: 6.00
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A GENERAL CONSTRUCTION PERMIT (GCP) AND A NOTICE OF INTENT (NOI) FROM DEP.
- PORTABLE SANITARY FACILITIES SHALL BE PLACED AT AT LEAST 25 FEET AWAY FROM ANY WATER BODY.
- CONTRACTOR SHALL RESTORE EXISTING PAVERS/SIDEWALK IN KIND IF DAMAGED AT CONTRACTOR'S EXPENSE.
- 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 VALVES BOXES AND MANHOLES CAN BE CONSIDERED UNAUTHORIZED OBSTRUCTION OF AND TAMPERING WITH DEPARTMENT UTILITIES. ALL REQUESTS FOR MANHOLE AND VALVES, CONTACT THE CONSTRUCTION MANAGEMENT SECTION. FOR THE ADJUSTMENT OF WATER METERS, CONTACT THE CHIEF OF METER OPERATIONS AND MAINTENANCE. FOR ANY FIRE HYDRANTS THAT ARE DAMAGED OR

No.	REVISIONS	DATE	BY



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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY B/JF
DRAWN BY JPG
CHECKED BY B/JF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL
BARTON J. FYE, P.E.
73898
DATE: _____

ROADWAY GENERAL NOTES

SHEET NUMBER

R-1000

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GENERAL NOTES

- BUMPED DURING CONSTRUCTION CONTACT WASD HYDRANT SHOP AT 305-805-4575 BEFORE POURING CONCRETE FOR THE SIDEWALK. IN THE EVENT OF A WATER OR SEWER EMERGENCY, CONTACT MIAMI DADE WATER AND SEWER DEPARTMENT AT 305-274-9272. THIS LINE IS OPEN 24 HOURS, 7 DAYS A WEEK.
- 55. THE CONTRACTOR SHALL BE ADVISED THAT OTHER PROJECTS MAY BE UNDER CONSTRUCTION CONCURRENTLY WITH THIS PROJECT AND THAT COORDINATION EFFORTS MAY BE NECESSARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE CONSTRUCTION SCHEDULE AND FOR THE AMOUNT OF COORDINATION REQUIRED. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- 56. SAW CUTTING OF THE EXISTING SIDEWALKS SHALL BE MADE ONLY AT THE NEAREST FLAG JOINTS.
- 57. THE SIDEWALK AT DRIVEWAY TURNOUTS SHALL BE 6" THICK CONCRETE.
- 58. CONTRACTOR TO INSTALL PREFORMED EXPANSION JOINT WHEN PROPOSED SIDEWALK IMPROVEMENTS IS IMMEDIATELY ADJACENT TO EXISTING CONCRETE SLAB AND/OR BUILDING.
- 59. WHERE CONNECTIONS TO EXISTING SIDEWALKS AND DRIVEWAYS ARE NOT INDICATED ON PLANS, PROPER CONNECTIONS ARE TO BE MADE AS DIRECTED BY THE ENGINEER. FDOT DROP CURB AND DRIVEWAY CONNECTIONS SHALL BE PROVIDED FOR ACCESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE PROJECT UNLESS OTHERWISE INDICATED ON PLANS. PAYMENT SHALL BE INCLUDED IN THE COST OF RELATED BID ITEMS.
- 60. ALL MANHOLE COVERS, GRATES, ETC. IN PEDESTRIAN AREAS SHALL BE ADA COMPLIANT AND HEEL PROOF, AS APPLICABLE.
- 61. THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY THE ENGINEER AND THE TOWN OF MEDLEY POLICE DEPARTMENT. COST TO BE IN PAY ITEM FOR MAINTENANCE OF TRAFFIC.

SIGNING AND PAVEMENT MARKINGS

- 62. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE LATEST EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
- 63. ALL EXISTING SIGNS ARE TO REMAIN UNLESS SPECIFIED FOR REMOVAL IN PLANS. BEFORE STARTING THE PROJECT, THE CONTRACTOR WILL REVIEW EXISTING SIGNS SHOWN ON THE PLANS TO BE RELOCATED OR TO REMAIN. THE CONTRACTOR WILL NOTIFY THE PROJECT ENGINEER IN WRITING OF ANY MISSING SIGNS BEFORE CONSTRUCTION STARTS. SIGNS DAMAGED BY THE CONTRACTOR'S OPERATIONS WILL BE REPLACED AT NO COST TO THE OWNER.
- 64. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
- 65. REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT AND SHALL BE PER FDOT STANDARD INDEX NO. 17352.
- 66. THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND AT THE END OF THE PROJECT WITHOUT JOGS OR OFFSETS.
- 67. THE CONTRACTOR SHALL REMOVE EXISTING MARKINGS BY FDOT APPROVED METHOD WITHOUT DAMAGE TO THE FRICTION COURSE.
- 68. INCORRECTLY PLACED PAINT MARKINGS OVER FRICTION COURSE SHALL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 INCHES AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.
- 69. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, WHEELCHAIR RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE ENGINEER. EXTREME LOCATION CHANGES MUST BE APPROVED BY MIAMI-DADE SIGNALS AND SIGNS DIVISION.
- 70. EXTRUDED ALUMINUM SIGN SUPPORT CLAMPS ARE NOT ACCEPTABLE. ALL RELOCATED SIGNS MUST COMPLY WITH THE DESIGN STANDARDS AS IF THEY WERE NEW SIGNS. IF EXISTING CLAMPS, BRACKETS, POLES, ETC. NEED TO BE REPLACED THE COST SHALL BE INCLUDED IN THE RELOCATION PAY-ITEM.
- 71. STOP BARS SHALL BE PLACED AT LEAST 5 FEET FROM CROSSWALK IF TRAFFIC SIGNAL LOOPS ARE INSTALLED.
- 72. PAVEMENT MARKINGS
 - A. INSTALLATION: ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH MUTCD, FDOT STANDARD INDEX #17346, WHERE SHOWN ON THE PLANS.
 - B. MATERIALS:
 - (2) ALL PAVEMENT SYMBOLS AND MARKINGS TO BE THERMOPLASTIC. WHERE THE PLANS CALL FOR THERMOPLASTIC (INCLUDES PARKING STRIPING WHEN IDENTIFIED ON PLANS), INSTALLATION AND MATERIALS SHALL MEET ALL REQUIREMENTS OF SECTION 711 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - C. PROTECTION:
 - THE CONTRACTOR SHALL NOT ALLOW TRAFFIC ONTO NEWLY APPLIED PAVEMENT STRIPING/MARKINGS UNTIL THEY ARE SUFFICIENTLY DRY TO PERMIT VEHICLES TO CROSS THEM WITHOUT DAMAGE. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, REMOVE AND REPLACE ANY PORTION OF THE PAVEMENT STRIPING/MARKINGS DAMAGED BY PASSING TRAFFIC OR FROM ANY OTHER CAUSE.

OBSERVATION AND TESTING

- 1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST 2 BUSINESS DAYS IN ADVANCE OF PERFORMING ALL CIVIL RELATED TESTS. UNLESS AUTHORIZED BY THE ENGINEER OF RECORD, THE CONTRACTOR SHALL NOT PROCEED WITH TESTING UNLESS THE ENGINEER OR A DESIGNATED REPRESENTATIVE IS PRESENT TO WITNESS THE TESTS.
 - 2. THE ENGINEER OF RECORD WILL REQUIRE THAT THE FOLLOWING TESTS BE PERFORMED WITH ACCEPTABLE RESULTS:
 - B. SANITARY SEWAGE COLLECTION SYSTEM:
 - I. LAMPING TEST FROM MANHOLE TO MANHOLE, INCLUDING CONNECTING MANHOLE
 - II. INFILTRATION/EXFILTRATION TEST UP TO THE CONNECTING MANHOLE
 - III. PRESSURE TEST AS REQUIRED BY DRER
 - B. STORM DRAINAGE-(EXFILTRATION TRENCH DEPTH)
 - I. EXFILTRATION TRENCH DEPTH
 - II. LAMPING TEST FROM MANHOLE TO MANHOLE, INCLUDING CONNECTING MANHOLE (IF APPLICABLE)
 - C. DRAINAGE WELL SPECIFIC CAPACITY TEST.
 - D. WATER SYSTEM-(PRESSURE TEST AND BACTERIOLOGICAL TEST)
 - E. SUBGRADE - SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK.
 - F. LIME ROCK BASE - SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT. (FLAT BOARDING ALSO REQUIRED.)
 - G. ASPHALT PAVEMENT
 - H. FINAL WALK-THROUGH INSPECTION - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL APPLICABLE REGULATORY AGENCIES FOR INSPECTION REQUIREMENTS.
 - I. CONCRETE FORMWORK AND ADA SLOPE VERIFICATIONS.
 - 3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST 2 BUSINESS DAYS IN ADVANCE OF THE FOLLOWING EVENTS:
 - A. PRIOR TO PLACING BALLAST ROCK WITHIN EXFILTRATION TRENCH AND PIPE RUNS TO MEASURE DEPTH AND WIDTH, AS WELL AS DIRECTIONS RESPECTIVELY.
 - B. PRIOR TO BACKFILLING WATER MAINS AND SERVICES
 - C. PRIOR TO BACKFILLING SANITARY SEWER MAINS AND SERVICES
 - D. AFTER COMPACTION OF LIMEROCK BASE AND PRIOR TO PLACEMENT OF FIRST LIFT OF ASPHALT
 - E. AFTER 2ND LIFT AND CONCRETE PLACEMENT OF PEDESTRIAN PATHWAYS
 - F. INSTALLING CONNECTIONS TO EXISTING WATER AND SEWER MAINS/SERVICES AFTER SECOND LIFT AND CONCRETE PLACEMENT OF PEDESTRIAN PATHWAYS.
 - G. AT SUBSTANTIAL COMPLETION
 - H. FINAL INSPECTION
- UNLESS AUTHORIZED BY THE ENGINEER OF RECORD, THE CONTRACTOR SHALL NOT PROCEED WITH THESE ACTIVITIES, UNLESS THE ENGINEER OR A DESIGNATED REPRESENTATIVE IS PRESENT TO PERFORM AN INSPECTION.
- 4. SHOULD THE CONTRACTOR FAIL TO GIVE THE ENGINEER OF RECORD ADVANCE NOTICE OF TESTING AND INSPECTIONS AS SPECIFIED ABOVE, THE ENGINEER SHALL RESERVE THE RIGHT TO REFUSE ISSUANCE OF ANY CERTIFICATIONS OF COMPLETION AND FINAL INSPECTIONS, AND RESERVES THE RIGHT TO RECOMMEND THAT ANY CONTRACT AMOUNTS STILL HELD IN RETAINAGE NOT BE RELEASED. CITY INSPECTOR REPORTS SHALL NOT BE ACCEPTED AS A SUBSTITUTE FOR THE ENGINEER'S PRESENCE AT THE TESTING AND INSPECTION INTERVALS SPECIFIED ABOVE.

STORM DRAINAGE

- 1. ALL EXFILTRATION TRENCH SHALL BE AS PER STANDARD DETAIL SD 1.1 OF THE MDCPWD MANUAL, AND INSTALLED AT THE WIDTH, DEPTH AND ELEVATION SHOWN ON THE APPROVED CROSS SECTION DEPICTED IN THE DETAILS SHEET. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY IMPERMEABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE EXFILTRATION TRENCH SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- 2. WHEN EXISTING MANHOLE RINGS, CATCH BASIN GRATE AND FRAMES, VALVE BOXES, PULL BOXES OR OTHER UTILITY CASTINGS ARE ENCOUNTERED WITHIN THE PROPOSED LIMITS OF WORK THE CONTRACTOR SHALL FIELD ADJUST THE EXISTING RING AND FRAME, GRATE AND FRAME, VALVE BOXES OR PULL BOXES TO MATCH THE PROPOSED ELEVATION. SUCH WORK SHALL BE INCLUDED IN THE BID PRICE.
- 3. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION OR APPROVED EQUAL.
- 4. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS, DIMENSIONS, AND ELEVATIONS AND SUBMIT THIS INFORMATION WITH THE SHOP DRAWINGS FOR DRAINAGE STRUCTURES PRIOR TO FABRICATION.
- 5. CONTRACTOR SHALL VACUUM CLEAN AND REMOVE ALL SILT, SEDIMENT AND DEBRIS FROM ALL OF THE EXISTING AND PROPOSED DRAINAGE STRUCTURES AND PIPE NETWORK WITHIN THE PROJECT LIMITS PRIOR TO FINAL ACCEPTANCE OF DRAINAGE SYSTEM. ALL COST OF SUCH WORK SHALL BE INCLUDED IN THE BID PRICE.
- 6. ALL DRAINAGE WORK SHALL CONFORM TO THE GOVERNING JURISDICTIONAL AGENCY REGULATIONS AND STANDARDS.
- 7. ALL MATERIALS SHALL MEET FDOT SPECIFICATIONS.
- 8. UNLESS OTHERWISE SPECIFIED ON THE PLANS, MINIMUM COVER OVER ALL STORM DRAINAGE PIPE SHALL BE 36-INCHES. CONTRACTOR SHALL AVOID ALL UNNECESSARY CROSSINGS BY HEAVY CONSTRUCTION EQUIPMENT DURING CONSTRUCTION.

No.	REVISIONS	DATE	BY



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NWSRD (826-72A) PW-0112

TOWN OF MEDLEY

PREPARED FOR

TOWN OF MEDLEY

FLORIDA

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73898
DATE: _____

ROADWAY GENERAL NOTES

SHEET NUMBER
R-1001

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1002 EROSION CONTROL NOTES December 13, 2018 08:34:30am
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EROSION CONTROL NOTES
BEST MANAGEMENT PRACTICES (BMPs):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE MIAMI-DADE COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 40D-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

- A. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.
- B. SEDIMENTATION PROTECTION OF STORM SEWER OR RECEIVING STREAM.
- C. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS-REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

GENERAL EROSION CONTROL NOTES:

- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - 1. FUEL SPILLS AND LEAKS PREVENTION
 - 2. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING
 - 3. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR
 - 4. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS
 - 5. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS
 - 6. SOLID WASTE MANAGEMENT
 - 7. HAZARDOUS WASTE MANAGEMENT
 - 8. CONCRETE WASTE MANAGEMENT
 - 9. SANDBLASTING WASTE MANAGEMENT
 - 10. STRUCTURE CONSTRUCTION AND PAINTING
 - 11. SPILL PREVENTION AND CONTROL
 - 12. CONTAMINATED SOIL MANAGEMENT
 - 13. SANITARY/SEPTIC WASTE MANAGEMENT
 - 14. SOIL EROSION CONTROL
 - 15. STORM WATER TURBIDITY MANAGEMENT

ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

- D. BEST MANAGEMENT PRACTICES (BMPs) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.
- F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- G. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.
- H. GENERAL EROSION CONTROL BMPs SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.
- I. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- J. TOPSOIL CANNOT BE STOCKPILED INSIDE THE PROPERTY FOR REFUSE.
- K. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BMP'S IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.

STORM WATER EROSION CONTROL PRACTICES:

- A. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- B. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- C. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, ETC.) TO PREVENT EROSION.
- D. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
- E. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
 - 1. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
 - 2. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
 - 3. A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.
- F. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
- G. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.
- H. SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
- I. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
- J. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

- A. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
 - 1. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
 - 2. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUND COVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).
 - 3. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FIBER SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.
- B. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

SPILL CONTROL PRACTICES:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- A. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.
- B. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.
- C. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ONSITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- D. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
- E. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.

- F. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.
- G. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.
- H. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

STABILIZATION PRACTICES:

- A. TEMPORARY STABILIZATION - TOPSOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASE FOR AT LEAST 21 DAYS, SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED REQUIRED CAN BE FOUND IN TABLE 1.65 A OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, WHERE SOILS ARE ACIDIC 2 TONS OF PULVERIZED AGRICULTURAL LIMESTONE SHOULD BE ADDED PER ACRE AND 450 POUNDS OF 10-20-20 FERTILIZER SHALL BE APPLIED TO EACH ACRE. AFTER SEEDING, EACH AREA SHALL BE IMMEDIATELY MULCHED WITH STRAW OR EQUIVALENT EQUAL. AREAS OF THE SITE WHICH ARE TO BE PAVED SHALL BE TEMPORARILY STABILIZED BY APPLYING GEOTEXTILE AND STONE SUB-BASE UNTIL BITUMINOUS PAVEMENT CAN BE APPLIED.
- B. PERMANENT STABILIZATION - DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. THE APPROPRIATE PERMANENT SEED MIX CAN BE FOUND IN TABLES 1.66A, 1.66B AND 1.66C OF THE FLORIDA DEVELOPMENT MANUAL. PRIOR TO SEEDING, 2 TONS/ACRE OF FINELY GROUND AGRICULTURAL LIMESTONE AND THE PROPER FERTILIZER BASED ON THE TYPE OF SEEDING SHALL BE APPLIED TO EACH ACRE TO PROVIDE PLANT NUTRIENTS. AFTER SEEDING, EACH AREA SHALL BE MULCHED IMMEDIATELY.
- C. STABILIZATION WILL BE INITIATED ON ALL DISTURBED AREAS WITHIN 14 DAYS OF WORK CEASING, UNLESS CONSTRUCTION ACTIVITY WILL RESUME IN THAT AREA WITHIN 21 DAYS AFTER WORK STOPPAGE. THE TEMPORARY SEDIMENT SUMP SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED ON THE GROUND DRAINING TO THE SUMP.
- D. CONTRACTOR TO ENSURE THAT EXISTING VEGETATION ON OR ADJACENT TO THE PROPOSED SITE IS PRESERVED AND DISTURBED PORTIONS OF THE SITE ARE STABILIZED. STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY CEASED.
- E. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- F. SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(A)

STRUCTURAL PRACTICES:

- A. EARTH DIKE - IF REQUIRED, AN EARTH DIKE SHALL BE CONSTRUCTED ALONG THE SITE PERIMETER. A PORTION OF THE DIKE SHALL DIVERT RUN-ON AROUND THE CONSTRUCTION SITE. THE REMAINING PORTION OF THE DIKE SHALL COLLECT RUNOFF FROM THE DISTURBED AREA AND DIRECT THE RUNOFF TO THE SEDIMENT BASIN.
- B. SEDIMENT BASIN - A SEDIMENT BASIN SHALL BE CONSTRUCTED IN THE COMMON DRAINAGE AREA FOR THE SITE. ALL SEDIMENT COLLECTED IN THE BASIN MUST BE REMOVED FROM THE BASIN UPON COMPLETION OF CONSTRUCTION. SEDIMENT FROM THE BASIN MAY BE USED AS FILL ON THE SITE IF IT IS SUITABLE SOIL.
- C. SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(A)

WASTE DISPOSAL:

- A. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.
- B. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.
- C. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.
- D. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

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 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898

EROSION CONTROL NOTES

SHEET NUMBER R-1002

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E. ANY CONSTRUCTION DEBRIS GENERATED AS A RESULT OF THIS PROJECT WILL BE DISPOSED OF OFF-SITE AN AT APPROPRIATE WASTE FACILITY.

F. CONCRETE WASHOUT LOCATIONS WILL BE PROVIDED IN AREAS WHERE THE DISPOSAL MATERIALS WILL BE CONTAINED TO PREVENT DISCHARGE OUTSIDE OF THE PROJECT LIMITS AND INTO THE WATERWAYS.

INSPECTION AND MAINTENANCE:

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

A. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

B. THE SILT FENCE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF FENCE. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE SILT FENCE.

C. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

D. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

E. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.

F. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.

G. DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.

H. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.

I. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.

J. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

A. GOOD HOUSEKEEPING

1. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.
2. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.
3. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.
4. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.
5. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.
6. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

B. HAZARDOUS PRODUCTS

1. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.
2. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.

C. PRODUCT SPECIFIC PRACTICES

1. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.
2. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
3. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.
4. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.

STORMWATER POLLUTION PREVENTION PRACTICES:(FOR PROJECTS OF 0.5 ACRES OR MORE CITY ORDINANCE NUMBER 13081)

1. TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS, THE CONSTRUCTION PLANS, AND/OR PER TREE ORDINANCE 12636.
2. ENVIRONMENTAL CONTROL FEATURES AS PROVIDED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR DRAINAGE SYSTEM, OR STRUCTURE CONSTRUCTION PRIOR TO SUCH EXCAVATION OR FILL. INLET ENTRANCES ARE ALSO TO BE PROTECTED FROM SILTATION AS DETAILED ON SHEET 2 OF 4 OF THE MISC. 35-89-5 OF THE CITY OF MIAMI PUBLIC WORKS ENGINEERING STANDARD FOR DESIGN AND CONSTRUCTION MANUAL.
3. ALL ENVIRONMENTAL CONTROL FEATURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN ACCORDANCE WITH NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. THE CONTRACTOR MUST ENSURE THAT ALL EROSION CONTROL FEATURES FUNCTION PROPERLY AT ALL TIMES.
4. ALL EROSION AND MATERIAL DEPOSITS MUST BE CONTAINED WITHIN THE PROJECT LIMITS.
5. DITCH BOTTOM INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE OF INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. ROCK BAGS SHALL BE INSTALLED AROUND INLET TOP. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH ROCK BAGS TO PREVENT SEDIMENT INTAKE
6. CURB INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPETE. ALL EXPOSED SLOPED MATERIAL ADJACENT TO INLETS SHALL BE COVERED WITH EROSION CONTROL MATTING WITH OUTER LIMITS PROTECTED BY ROCK BAGS. ANY DAMAGED OR INEFFECTIVE ROCK BAGS ARE TO BY REPLACED WITH NEW ONES.
7. STOCKPILED MATERIAL SHALL NOTE BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR ROCK BAGS.
8. INSPECTION OF EROSION CONTROL MEASURES AND CONDITION OF ADJACENT PROPERTIES SHALL BE PERFORMED DAILY BY THE CONTRACTOR'S REPRESENTATIVE AND THE PROJECT ENGINEER. DEFICIENCIES SHALL BY NOTED AND CORRECTED.
9. ANY OFFSITE SEDIMENT DISCHARGE TO A MUNICIPAL SEPARATE STORMWATER SYSTEM ARISING FROM THE CONTRACTOR'S ACTIVITIES IS NOT ALLOWED. REFER TO PUBLIC WORKS BULLETIN NO. 25.
10. THE USE OF SANITARY SEWERS, FRENCH DRAINS, COVER DITCHES AND/OR ROCK DRAINS FOR THE DISPOSAL OF WASTEWATER IS EXPRESSLY PROHIBITED. REFER TO PUBLIC WORKS BULLETIN NO. 25.

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 PHONE: 305-673-2025
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

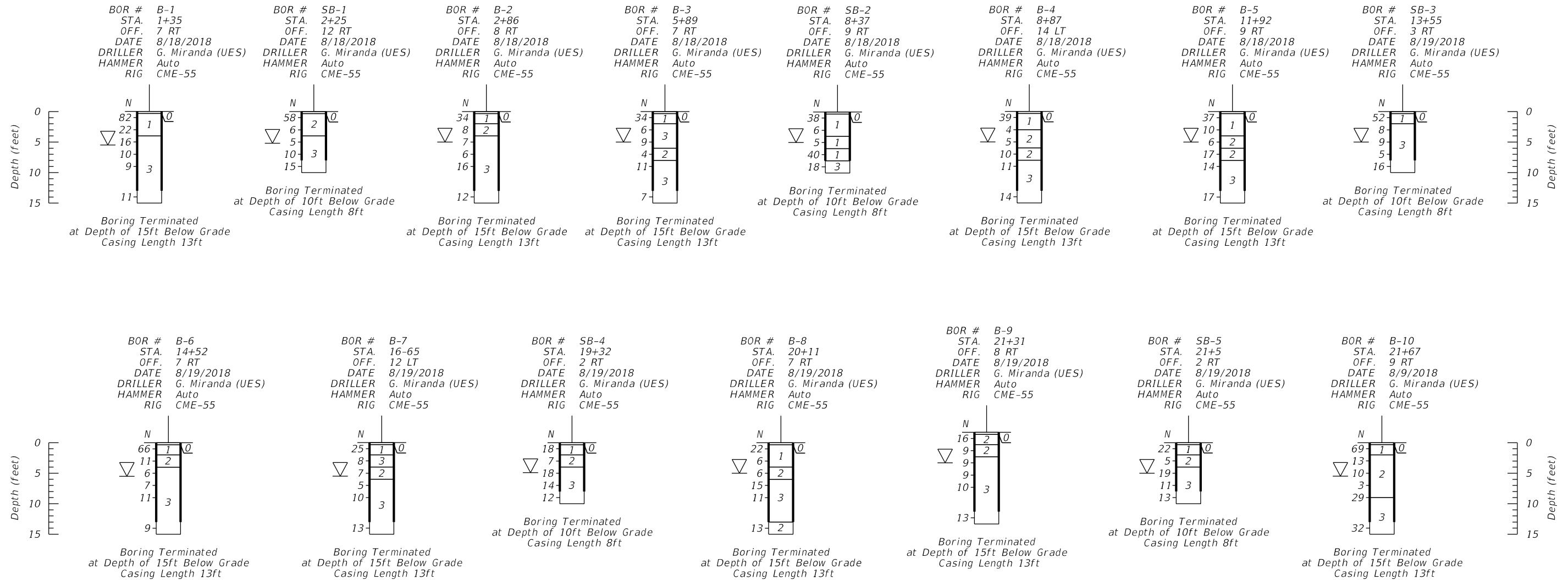
NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
73898	DATE: _____

EROSION CONTROL NOTES

SHEET NUMBER	R-1003
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STRATUM No.	AASHTO GROUP	GENERAL DESCRIPTION
0	N/A	ASPHALT
1	A-1-b	SAND W/ SOME LIMESTONE FRAGMENTS
2	A-3 / A-1-a	SAND / GRAVEL
3	N/A	LIMESTONE

SYMBOLS

- OC ORGANIC CONTENT (%)
- 200 PERCENT PASSING NO. 200 US STANDARD SIEVE (%)
- NMC NATURAL MOISTURE CONTENT (%)
- ▽ ENCOUNTERED GROUNDWATER LEVEL
- N NUMBER TO THE LEFT OF THE SOIL PROFILE REPRESENT THE SPT N-VALUE.

NOTES

1. THE BORING STATIONS AND OFFSETS WERE ESTIMATES BY SCALING DISTANCES FROM PLANS PROVIDED BY KIMLEY-HORN AND ASSOCIATES.
2. BORINGS WERE PERFORMED UTILIZING AN AUTOMATIC HAMMER IN ACCORDANCE WITH ASTM- D1586.

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH REALTIVE DENSITY AND CONSISTENCY OF SOIL USING AUTOMATIC HAMMER

GRANULAR MATERIALS (SANDS & GRAVELS)		COHESIVE MATERIALS	
RELATIVE DENSITY	SPT N (BLOWS/FT.)	CONSISTENCY DESIGNATION	SPT N (BLOWS/FT.)
Very Loose	Less than 3	Very Soft	Less than 1
Loose	3-8	Soft	1-3
Medium Dense	8-24	Firm	3-6
Dense	24-40	Stiff	6-12
Very Dense	Greater than 40	Very Stiff	12-24
		Hard	Greater than 24



REINALDO VILLA, P.E.
 P.E. LICENSE NUMBER 72242
 UNIVERSAL ENGINEERING SCIENCES
 9960 NW 116TH WAY, SUITE 8
 MIAMI, FLORIDA 33178
 CERTIFICATE OF AUTHORIZATION 0000549

KHA PROJECT	DEC 2018
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	TNM
DRAWN BY	TNM
CHECKED BY	RV

ROADWAY RECONSTRUCTION
 PREPARED FOR
TOWN OF MEDLEY

LICENSED PROFESSIONAL
 REINALDO VILLA, P.E.
 72242

SUBSURFACE PROFILES

SHEET NUMBER
B-1000

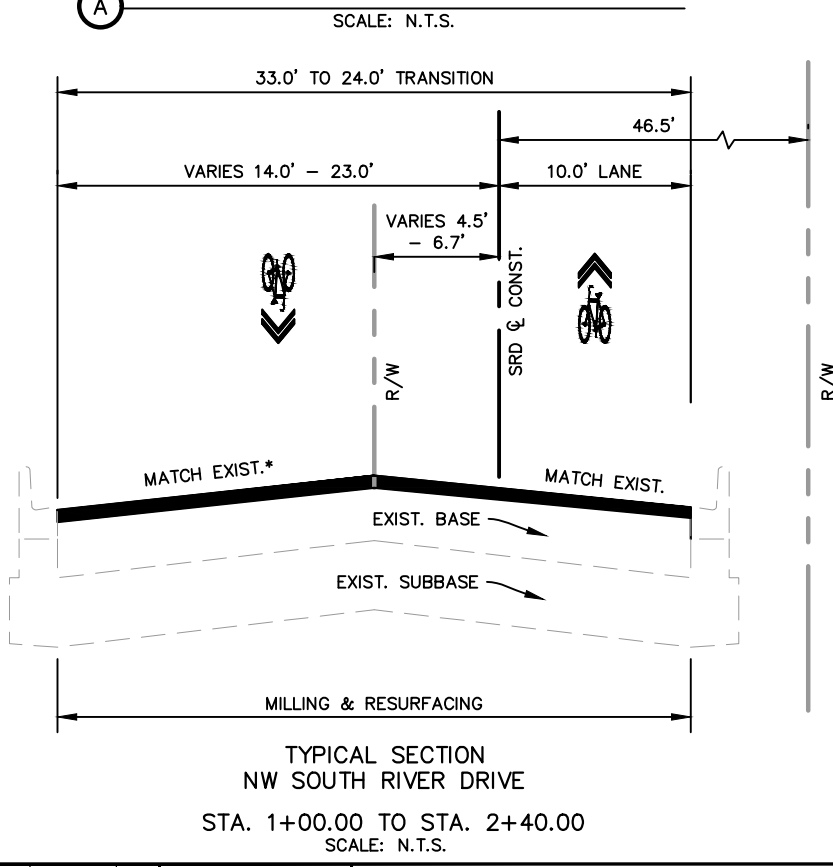
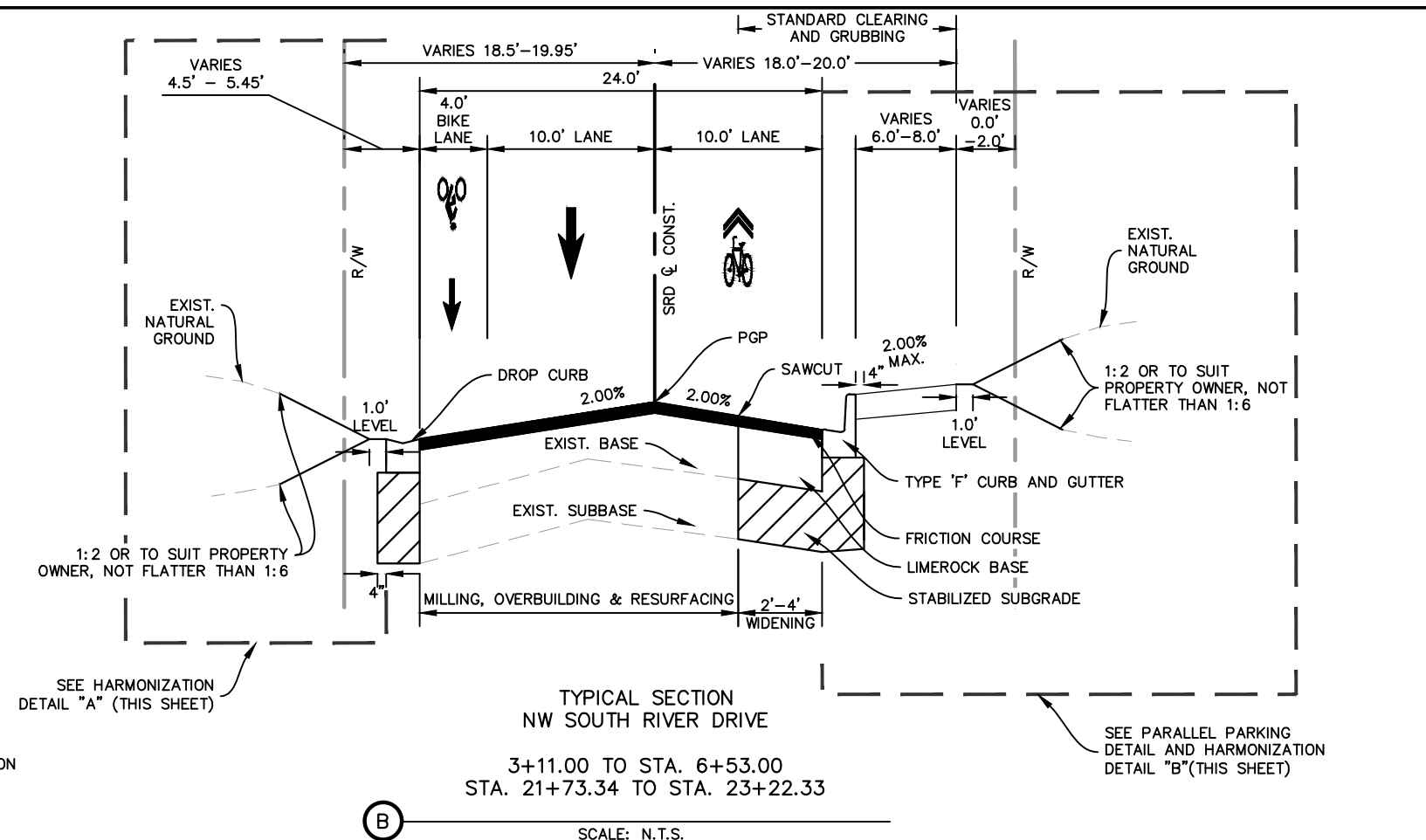
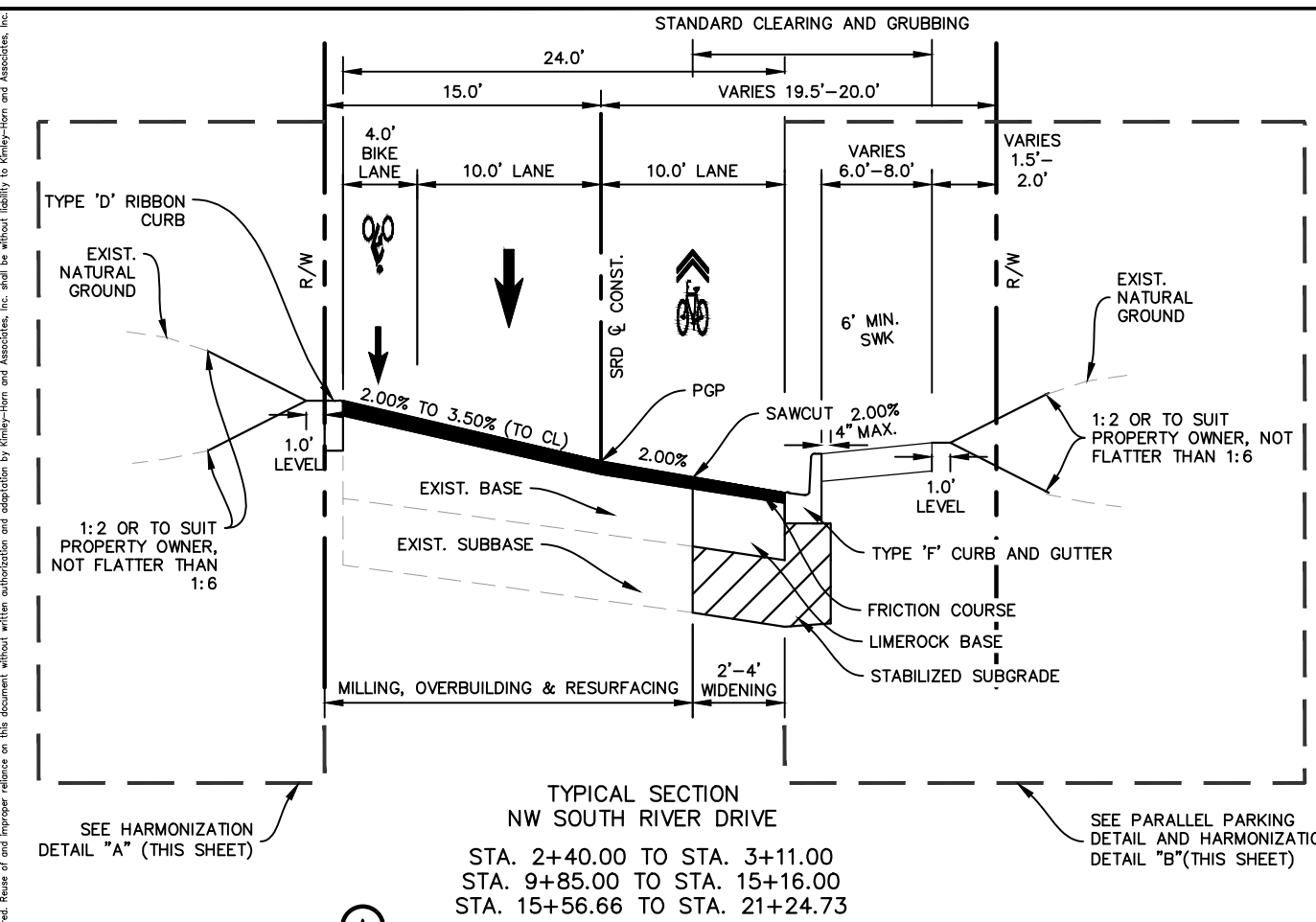
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TOWN OF MEDLEY

FLORIDA

DATE:

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STA. 1+00 TO STA. 8+40
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 STA. 8+40 TO STA. 23+72
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 25 MPH

- MILLING -
 MILLING EXISTING ASPHALT PAVEMENT (1 1/2" AVG. DEPTH)

- OVERBUILDING -
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (DEPTH VARIES 2" AVG.)

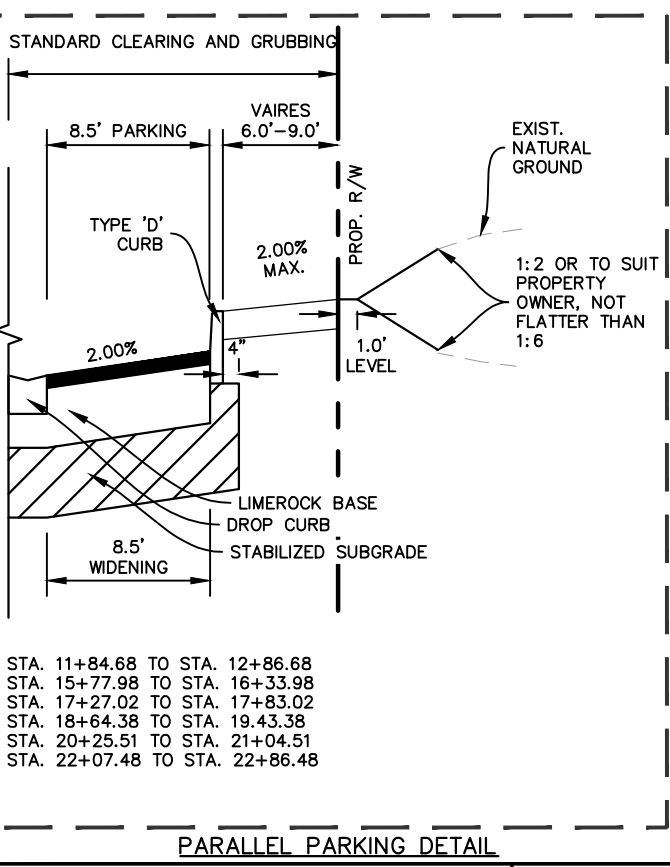
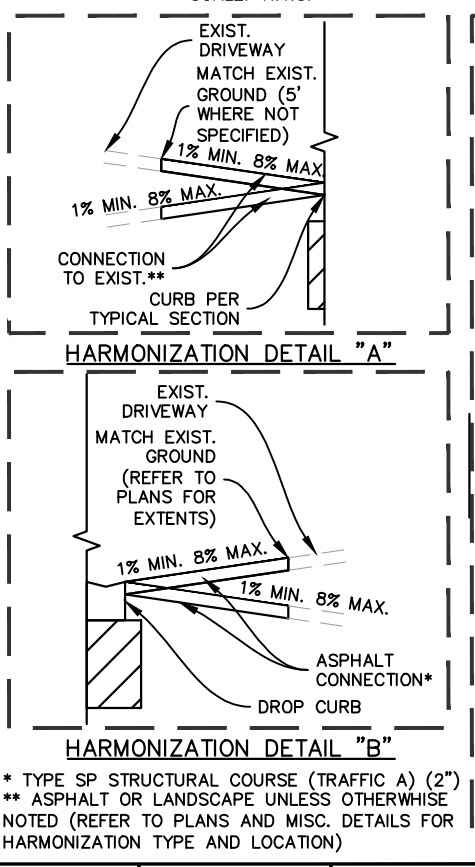
- RESURFACING -
 FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22) (PMA)

- WIDENING -
 FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22) (PMA)
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

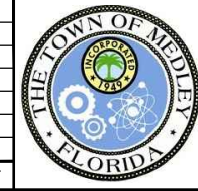
LIMEROCK BASE COURSE COMPACTED TO AT LEAST 98 PERCENT RELATIVE COMPACTION (10"). LIMEROCK BASE SHOULD HAVE A MINIMUM LIMEROCK BEARING RATIO (LBR) OF 100 PERCENT.

STABILIZED SUBGRADE COMPACTED TO AT LEAST 98 PERCENT RELATIVE COMPACTION (12"). SUBGRADE SHOULD HAVE MINIMUM LBR OF 40 PERCENT AS SPECIFIED BY FDOT FOR TYPE B OR TYPE C STABILIZING SUBGRADE.

FOR AREAS WHERE THE BASE IS EXPOSED DURING MILLING OPERATIONS, PAY ITEM 210-1-1 "REWORKING LIMEROCK BASE" TO BE USED TO RESTORE AS NEEDED



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DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112

PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY
FLORIDA

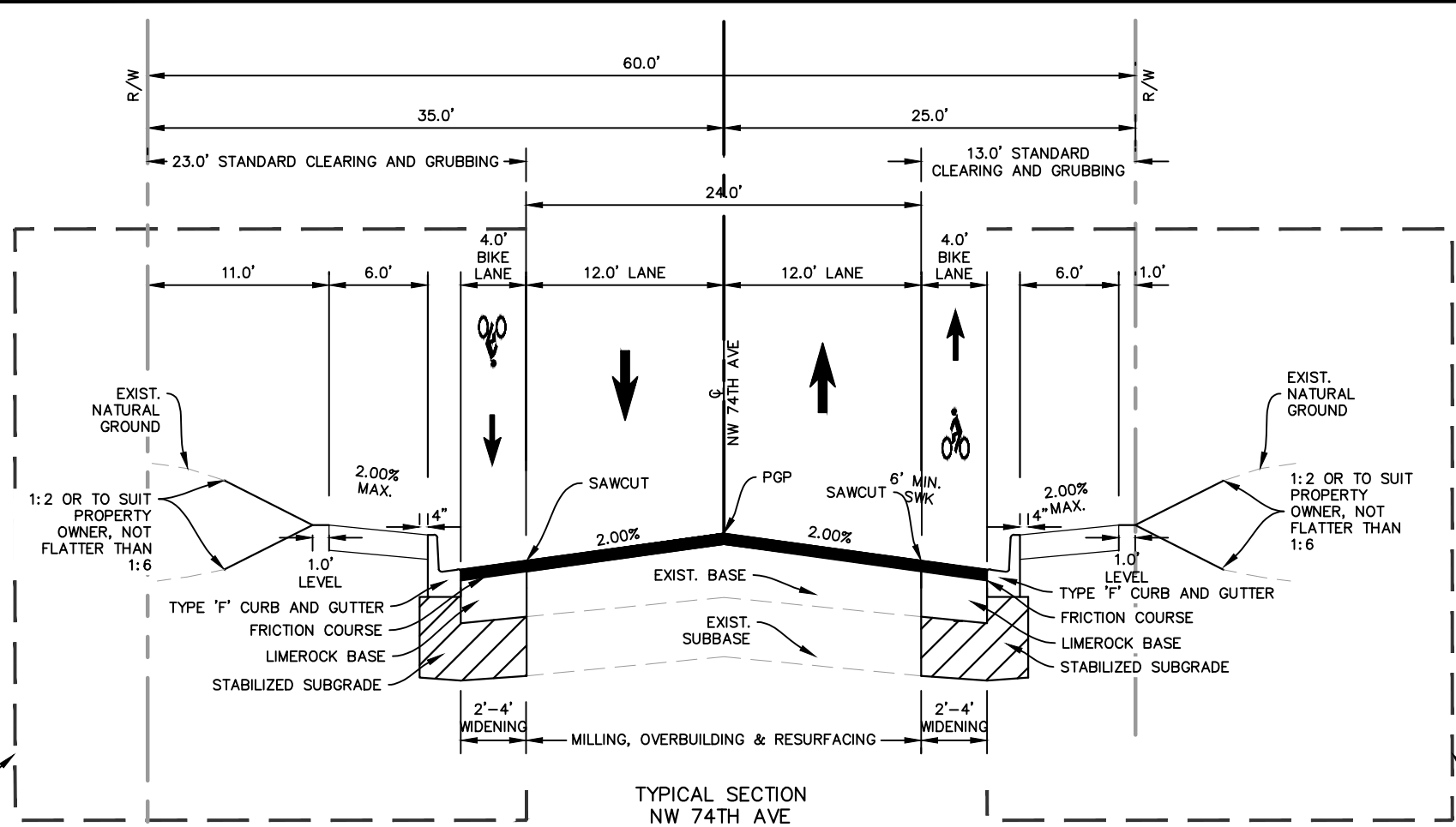
LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

TYPICAL SECTIONS

SHEET NUMBER
R-1100

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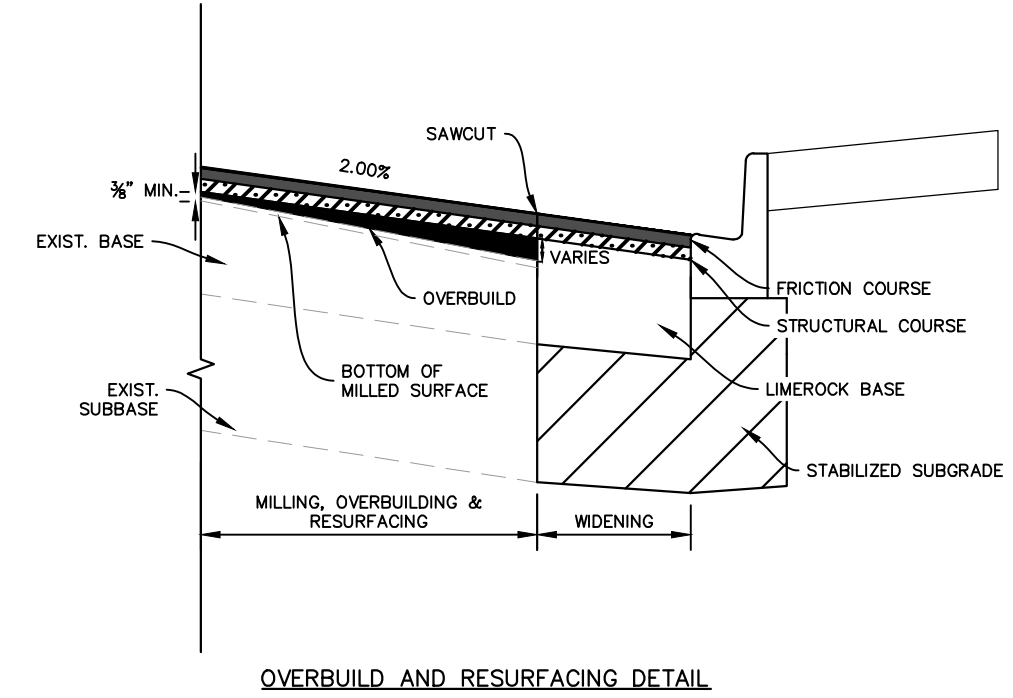
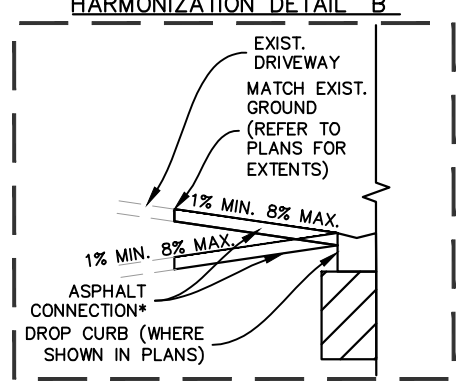
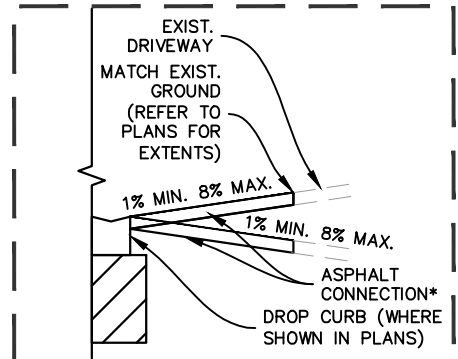
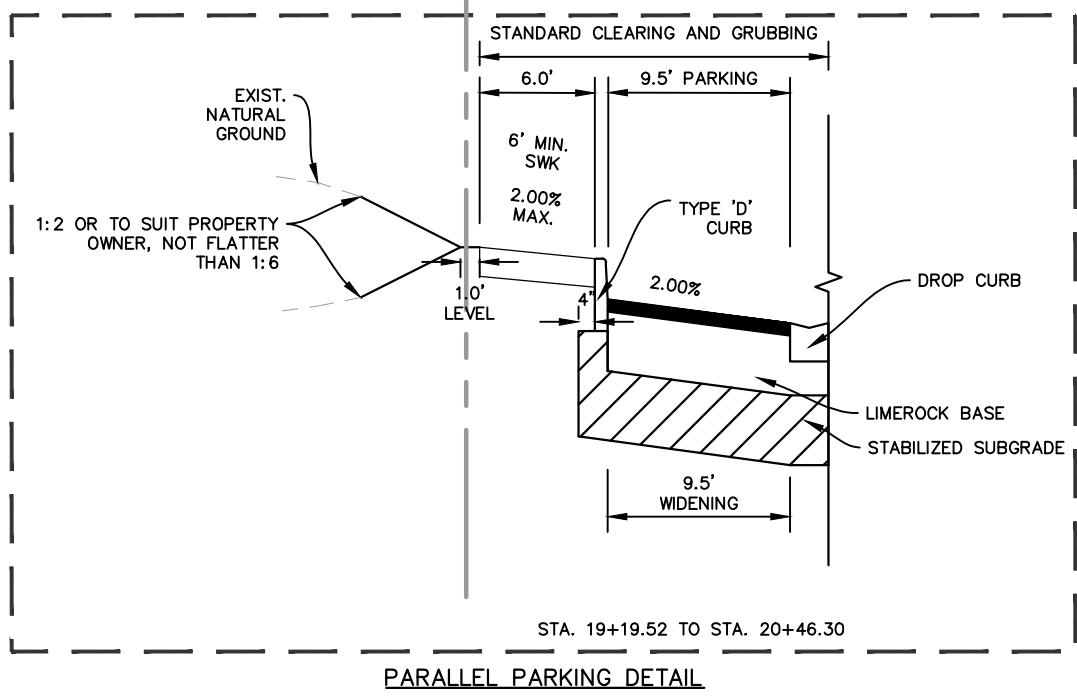
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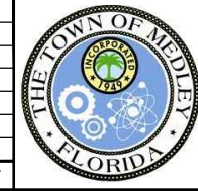
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 DESIGN SPEED = 25 MPH

SEE PARALLEL PARKING DETAIL AND HARMONIZATION DETAIL "C" (THIS SHEET)

SEE HARMONIZATION DETAIL "B" (THIS SHEET)



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KHA PROJECT 043637031
 DATE DEC 2018
 SCALE AS SHOWN
 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

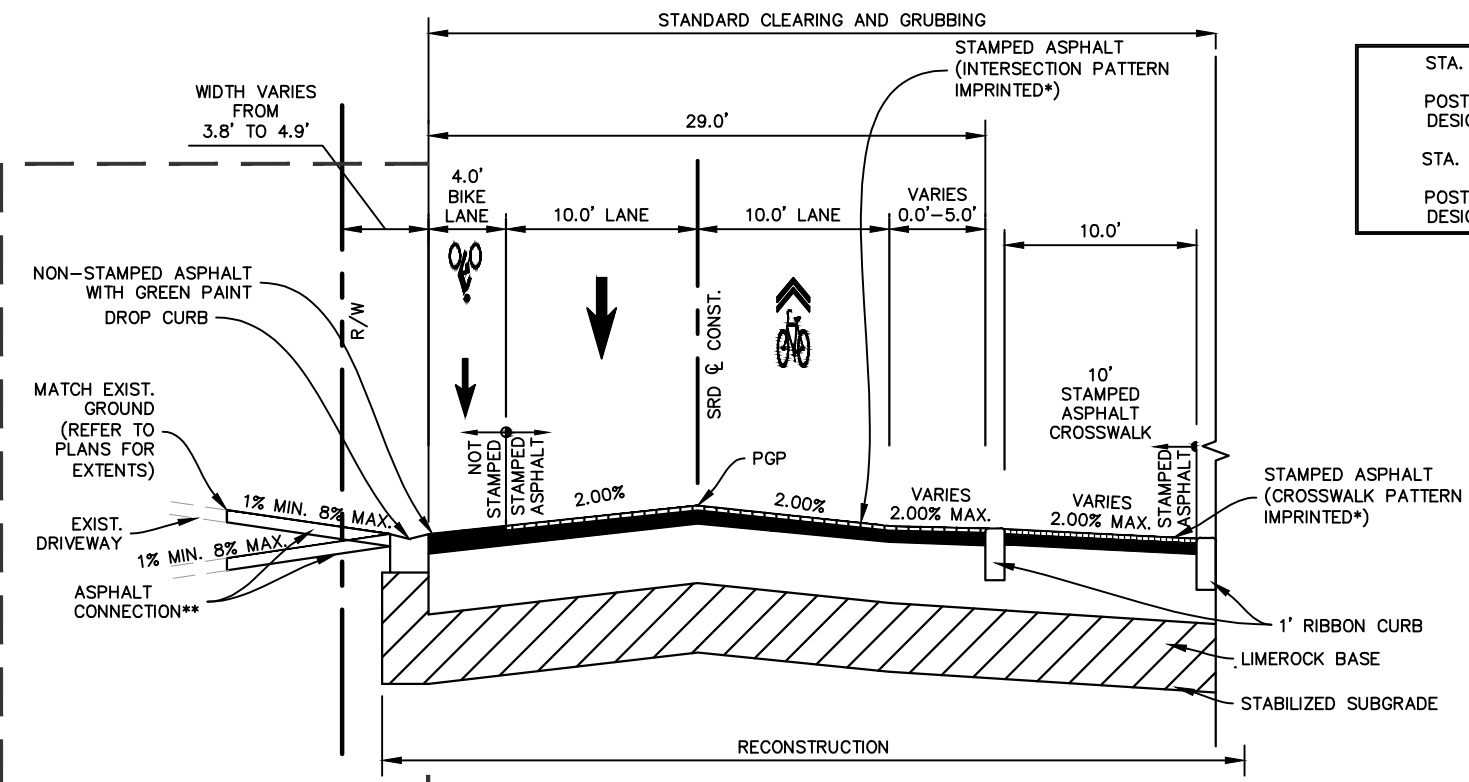
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 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

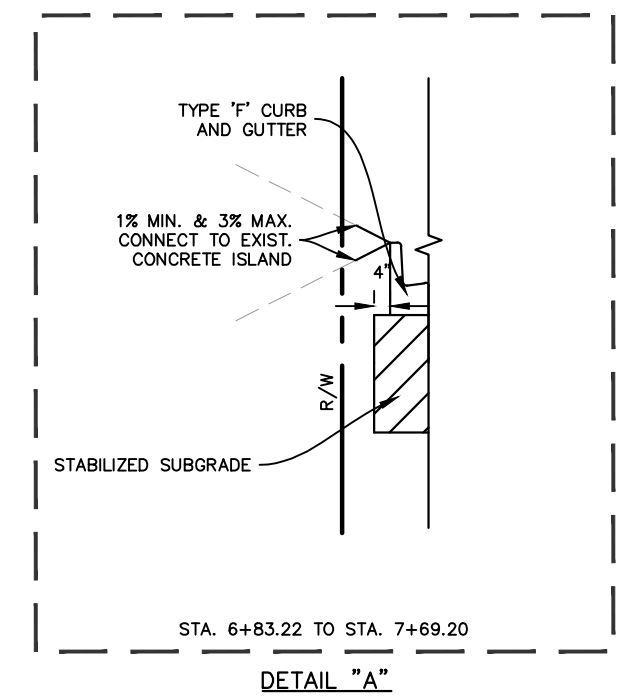
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SHEET NUMBER
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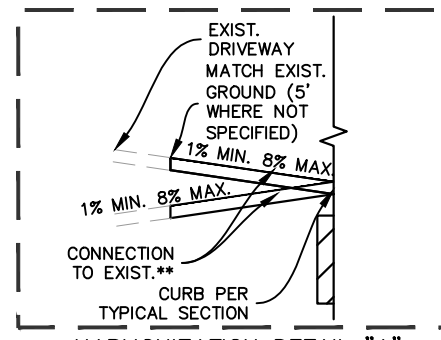


D TYPICAL DETAIL AT
 NW 74TH AVE & NW SOUTH RIVER
 DRIVE INTERSECTION
 STA. 6+53.00 TO STA. 8+14.00
 SCALE: N.T.S.
 * REFER TO MISC. DETAILS FOR COLOR AND PATTERN
 ** TYPE SP STRUCTURAL COURSE (TRAFFIC A) (2")



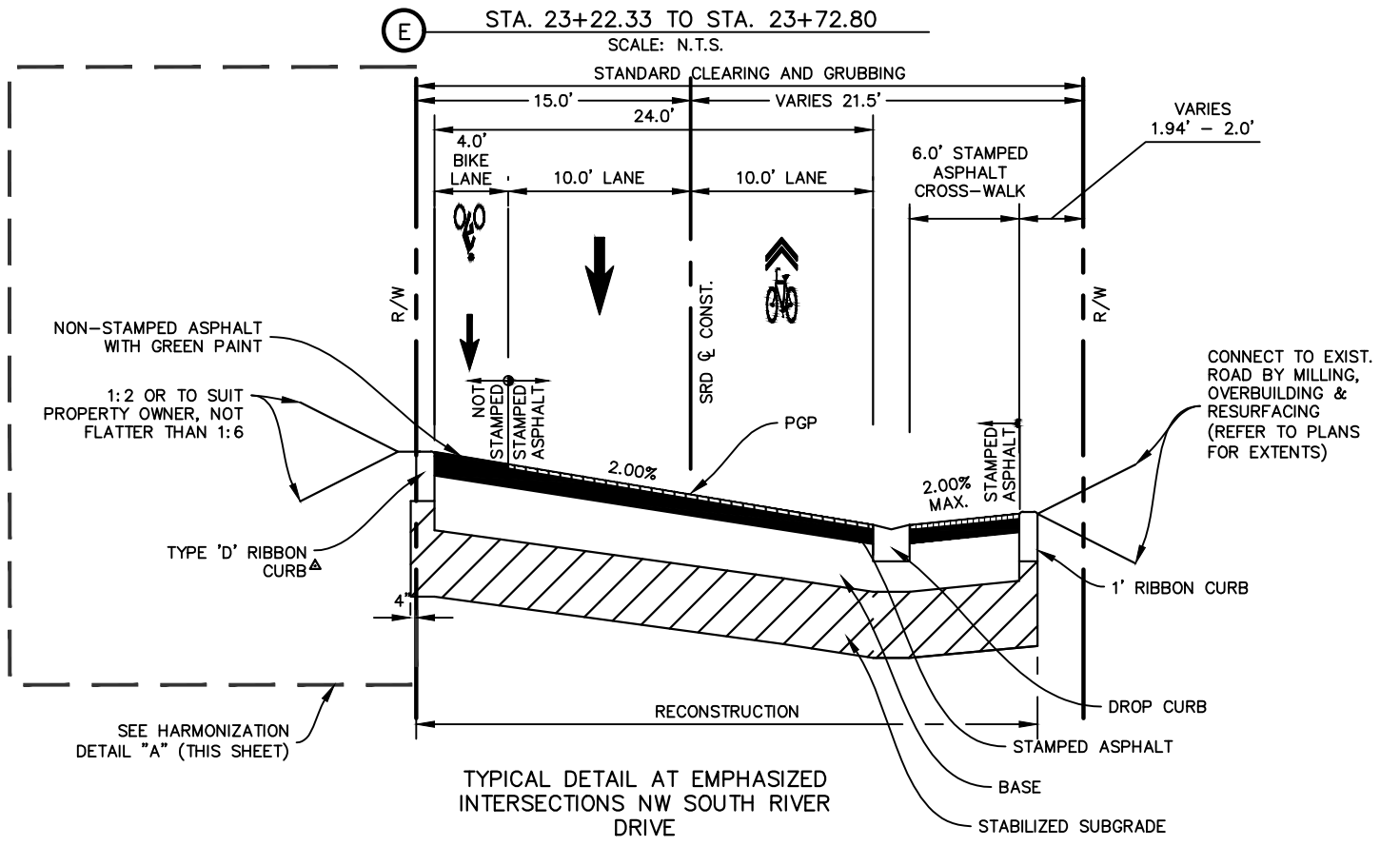
STA. 6+83.22 TO STA. 7+69.20
DETAIL "A"

- RECONSTRUCTION -
 FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22) (PMA)
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")
 LIMEROCK BASE COURSE COMPACTED TO AT LEAST 98 PERCENT RELATIVE
 COMPACTION (10"). LIMEROCK BASE SHOULD HAVE A MINIMUM LIMEROCK BEARING
 RATIO (LBR) OF 100 PERCENT.
 STABILIZED SUBGRADE COMPACTED TO AT LEAST 98 PERCENT RELATIVE
 COMPACTION (12"). SUBGRADE SHOULD HAVE MINIMUM LBR OF 40 PERCENT AS
 SPECIFIED BY FDOT FOR TYPE B OR TYPE C STABILIZING SUBGRADE.



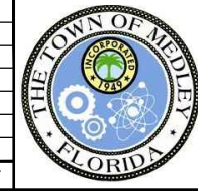
HARMONIZATION DETAIL "A"
 ** ASPHALT [TYPE SP STRUCTURAL COURSE (TRAFFIC A) (2")]
 OR LANDSCAPE UNLESS OTHERWISE NOTED (REFER TO PLANS
 AND MISC. DETAILS FOR HARMONIZATION TYPE AND LOCATION)

STA. 1+00 TO STA. 8+40
 POSTED SPEED = 30 MPH
 DESIGN SPEED = 30 MPH
 STA. 8+40 TO STA. 23+72
 POSTED SPEED = 25 MPH
 DESIGN SPEED = 25 MPH



E TYPICAL DETAIL AT NW SOUTH
 RIVER DRIVE & AVENUE 'B'
 INTERSECTION
 STA. 23+22.33 TO STA. 23+72.80
 SCALE: N.T.S.
F TYPICAL DETAIL AT EMPHASIZED
 INTERSECTIONS NW SOUTH RIVER
 DRIVE
 STA. 15+16.00 TO STA. 15+56.66
 STA. 21+24.73 TO STA. 21+73.34
 SCALE: N.T.S.
 ▲ REFER TO PLANS FOR CROSS SLOPE TRANSITION AREA

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 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

TOWN OF MEDLEY
NWSRD (826-72A) PW-0112
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TOWN OF MEDLEY
 FLORIDA

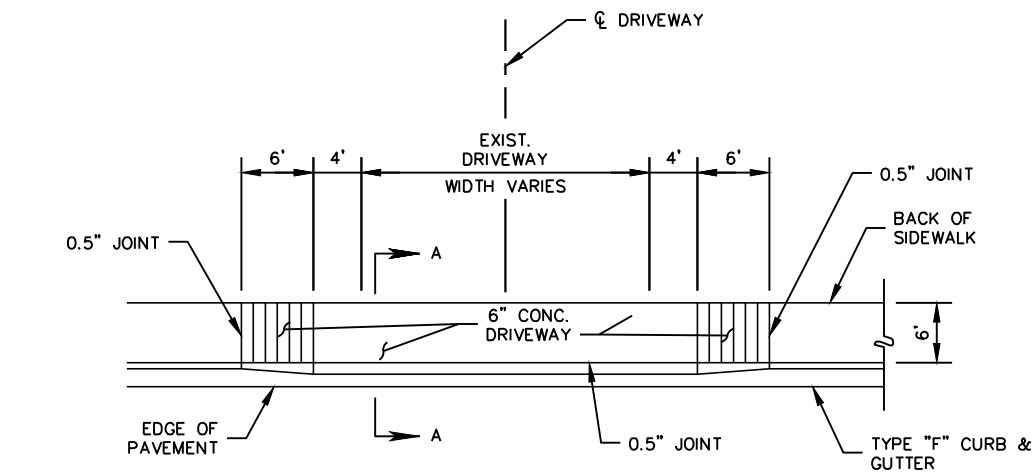
LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE:

TYPICAL SECTIONS

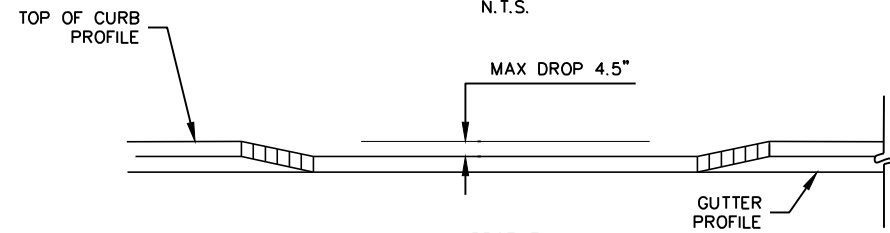
SHEET NUMBER
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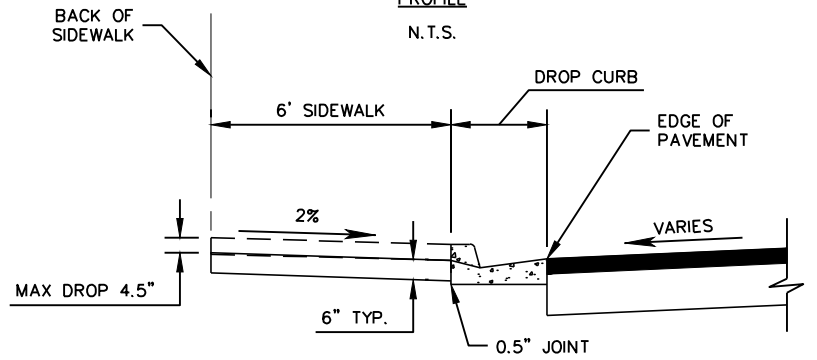
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PLAN
N.T.S.



PROFILE
N.T.S.

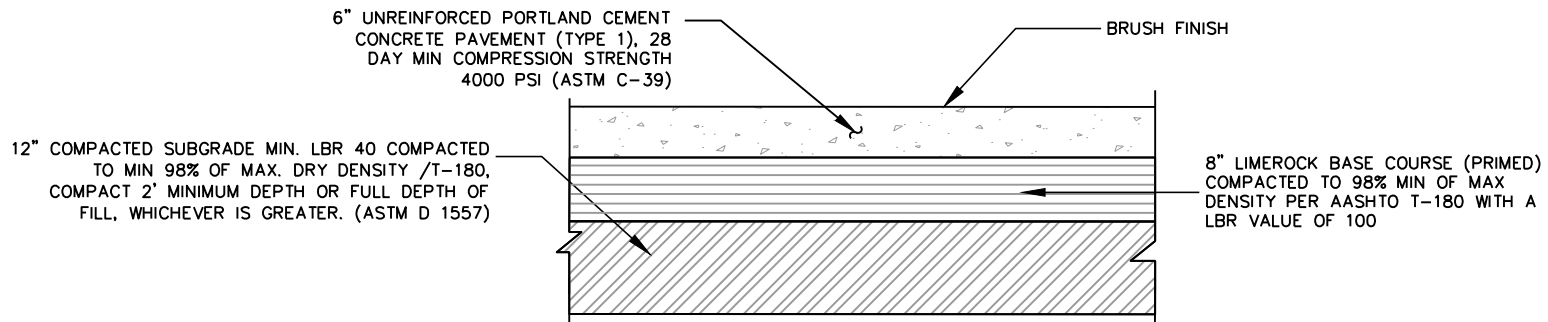


SECTION A-A
N.T.S.

NOTE: THE LOWERING OF THE BACK OF SIDEWALK WILL BE PERMITTED AT LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER OF RECORD.

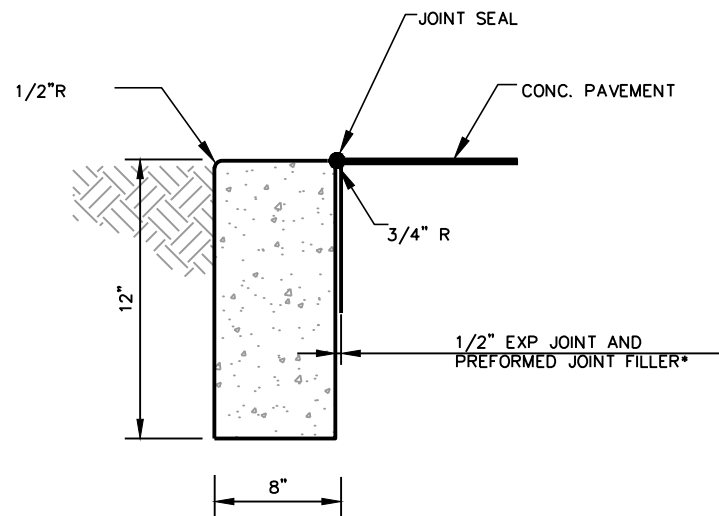
CONCRETE SIDEWALK ADJUSTMENT AT DRIVEWAYS

N.T.S.



HEAVY DUTY CONCRETE PAVEMENT DETAIL

(FOR USE ON CONCRETE HARMONIZATION AREAS)
N.T.S.



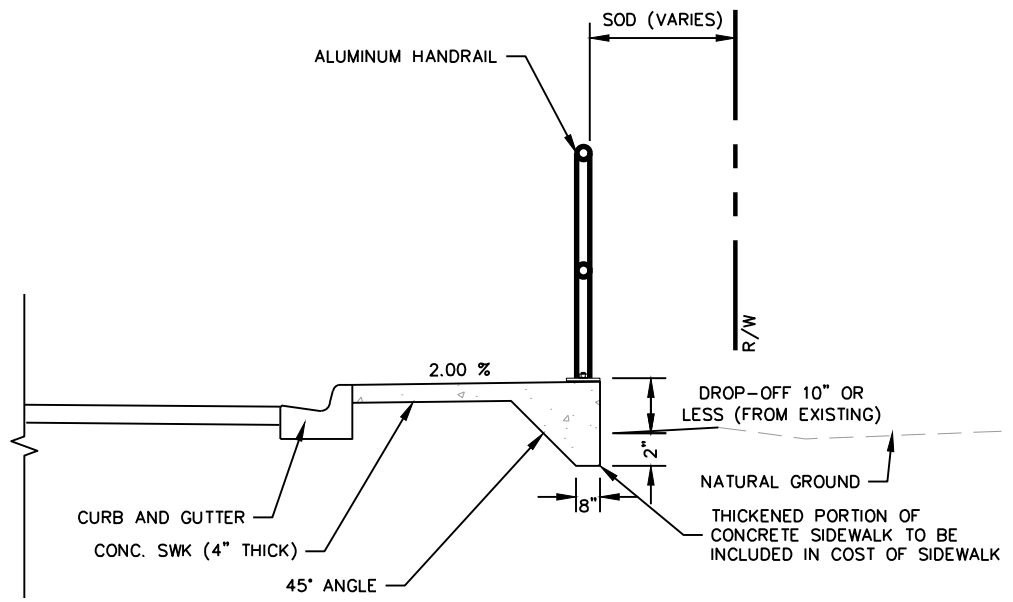
*NOTE: EXPANSION JOINT, PREFORMED JOINT FILLER AND JOINT SEAL ARE REQUIRED BETWEEN CURBS AND CONCRETE PAVEMENT, RIBBON CURBS AND CURBS, OR CURBS AND CONCRETE SET PAVERS ONLY.

TYPE "D" RIBBON CURB

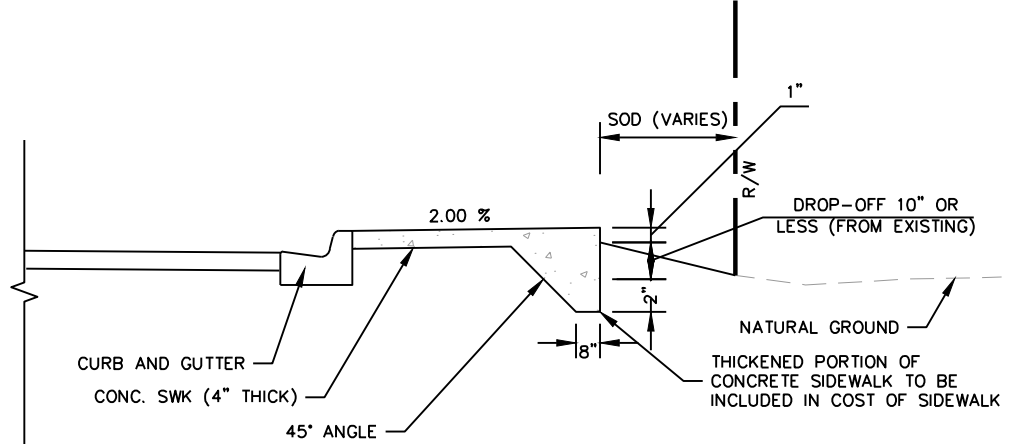
N.T.S.

HARMONIZATION/RESTORATION NOTES:

1. ALL EXIST. FACILITIES TO REMAIN SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION.
2. ANY DAMAGE TO PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED WITHIN 48 HOURS BY THE CONTRACTOR AT NO COST TO THE OWNER, UNLESS OTHERWISE AGREED IN WRITING BY THE OWNER.
3. ANY DAMAGE TO ANY OF THE EXISTING FACILITIES INCLUDING FENCES, ITS FACILITIES, STREET LIGHTING ETC., DUE TO CONSTRUCTION OPERATIONS, WILL BE REPAIRED/REPLACED AS PER THE MIAMI-DADE COUNTY'S CURRENT EDITION AT THE CONTRACTOR'S EXPENSE
4. ALL GRASS AREAS AFFECTED BY CONSTRUCTION SHALL BE RE-SODDED.
5. TURNOUTS ARE TO BE RESURFACED TO MATCH THEIR EXISTING CONDITION AND MATERIAL.
6. EXISTING PAVED CONNECTIONS TO BE PAVED WITH A STRUCTURAL COURSE TO THE LIMITS SPECIFIED OR UNTIL SPECIFIED MIN. SLOPES ARE ACHIEVED.
7. ALL PAVERS AFFECTED BY CONSTRUCTION SHALL BE REMOVED AND SALVAGED PRIOR TO CONSTRUCTION. EXISTING CONDITION AND PATTERN SHALL BE RESTORED TO THEIR ORIGINAL STATE BY THE CONTRACTOR AND ANY DAMAGE OR DISCREPANCIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
8. CONNECTIONS PAVED WITH PORTLAND CEMENT CONCRETE SHALL BE CLASS NS CONCRETE AT LEAST 6" THICK (MAY REQUIRE GREATER THICKNESS WHEN CALLED FOR IN THE PLANS OR STIPULATED BY PERMIT. MATERIALS AND CONSTRUCTION SHALL CONFORM WITH FDOT STANDARD SPECIFICATIONS SECTIONS 347, 350 AND 522)



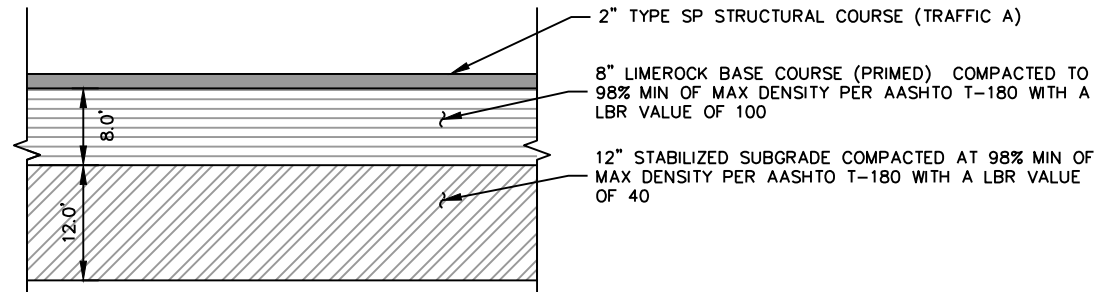
ALTERNATIVE "A" (DROP-OFF < 10")



ALTERNATIVE "B" (DROP-OFF > 1" OR < 10")

THICKENED SIDEWALK DETAIL

N.T.S.



STANDARD ASPHALT PAVEMENT DETAIL

(FOR USE ON ASPHALT DRIVEWAYS AND ASPHALT HARMONIZATION IF CUTTING INTO EXIST. BASE)

N.T.S.

No.	REVISIONS	DATE	BY



Kimley >> Horn

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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 FLORIDA

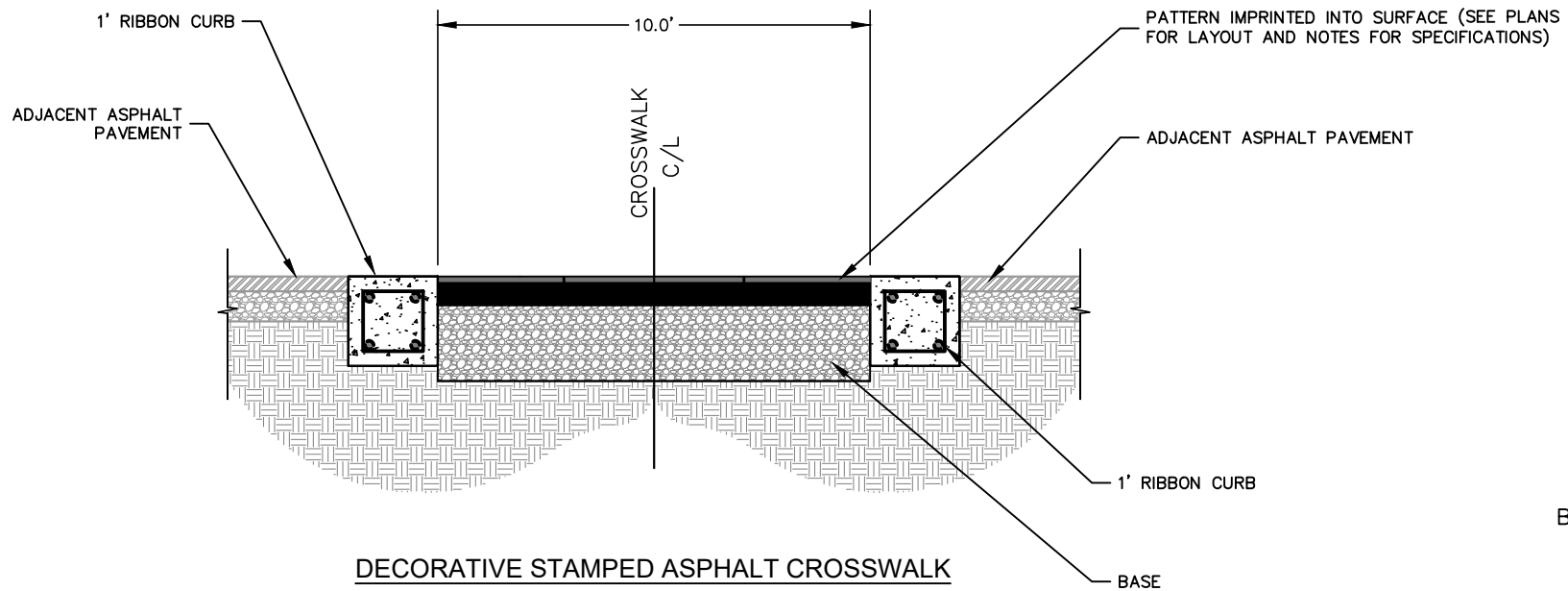
LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898
DATE: _____

MISCELLANEOUS DETAILS

SHEET NUMBER R-1200

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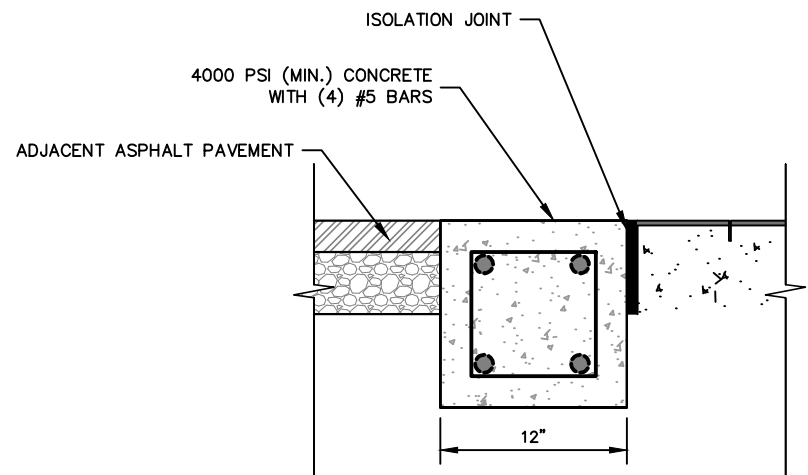


DECORATIVE STAMPED ASPHALT CROSSWALK

N.T.S.

NOTES:

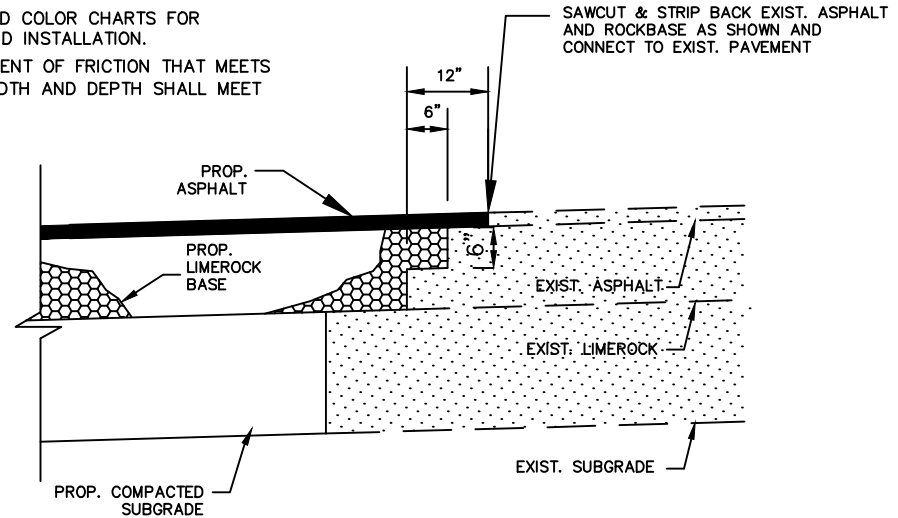
- CONTRACTOR SHALL PROVIDE CUSTOM STAMPED ASPHALT PATTERN WITH INTEGRAL COLOR TO MATCH EXISTING TOWN STANDARD PREVIOUSLY IMPLEMENTED ON NW SOUTH RIVER DRIVE FROM NW 72 AVENUE TO 74TH STREET. CROSS WALKS SHALL UTILIZE A 4 X 8 'HERRINGBONE BOND' PATTERN AND INTERSECTION PAVEMENT SHALL UTILIZE A 4 X 8 'RUNNING BOND' PATTERN. CONTRACTOR SHALL UTILIZE A 12" WIDE CONCRETE BORDER. REFER TO ROADWAY PLANS FOR LOCATION.
- CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION.
- CONTRACTOR SHALL PROVIDE 5.0' WIDE SQUARE MOCK-UP FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION. MOCK-UP SHALL BE ITERATIVE AND RE-WORKED UP TO (2) TWO TIMES BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER UNTIL A NO EXCEPTIONS TAKEN DISPOSITION IS PROVIDED BY THE LANDSCAPE ARCHITECT. PARALLEL PARKING SPACES ARE RECOMMENDED FOR THE MOCK-UP LOCATIONS.
- CONTRACTOR SHALL SUBMIT MATERIAL AND FINISH SAMPLES, PRODUCT DATA, AND COLOR CHARTS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION.
- ALL HORIZONTAL SURFACES FINISHES SHALL BE SLIP RESISTANT WITH A COEFFICIENT OF FRICTION THAT MEETS ALL FEDERAL, STATE, AND LOCAL CODE CRITERIA. ALL JOINTING / STAMPING WIDTH AND DEPTH SHALL MEET ALL FEDERAL, STATE, AND LOCAL CODE CRITERIA.



1' RIBBON CURB

N.T.S.

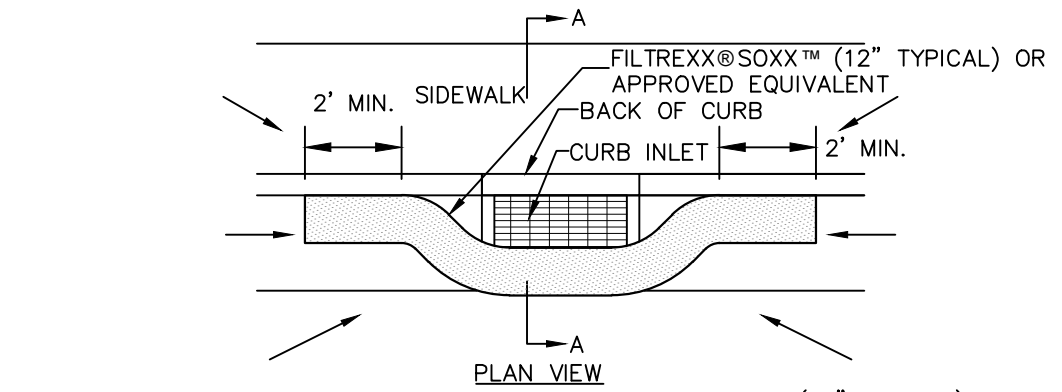
NOTE: ISOLATION JOINTS ARE REQUIRED BETWEEN CURBS AND CONCRETE PAVEMENT OR CURBS AND CONCRETE SET PAVERS ONLY.



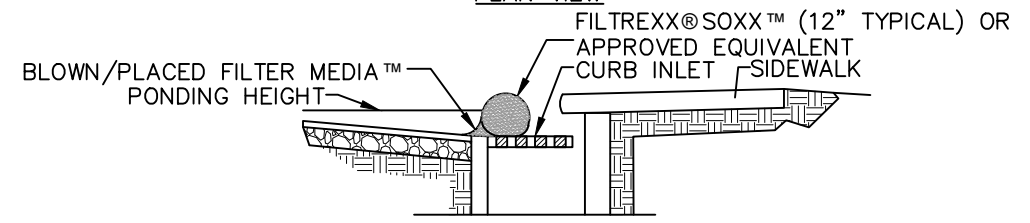
CONNECTION TO EXISTING PAVEMENT DETAIL

N.T.S.

- NOTE:
- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, AND CONSTRUCTED IN ACCORDANCE WITH THE FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM, CURRENT EDITION.
 - CONTRACTOR RESPONSIBLE FOR RETURNING ALL AREAS AFFECTED BY WORK TO A CONDITION AS GOOD OR AS EXISTING OR BETTER.



PLAN VIEW



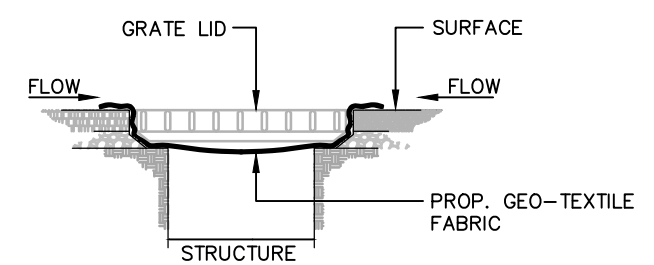
SECTION A-A

NOTES:

- ALL MATERIAL TO MEET FILTERREXX SPECIFICATIONS.
- FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
- COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

FILTREXX CURB INLET PROTECTION

(OR APPROVED EQUIVALENT)
N.T.S.



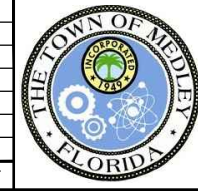
**CATCH BASIN/ TRENCH DRAIN/ DRAINAGE WELL
SEDIMENT BARRIER DETAIL**

N.T.S.

NOTES:

- CONTRACTOR SHALL PERFORM DAILY INSPECTIONS OF GEO-TEXTILE FABRIC BARRIER AND AS NECESSARY REPLACE OR REPAIR AS REQUIRED. SPECIFICALLY AFTER STORM EVENTS AND LARGE RAINFALL EVENTS.
- SEDIMENTATION AND DEBRIS THAT ARE REMOVED FROM BARRIERS SHALL BE LEGALLY DISPOSED OF AT AN AUTHORIZED OFF-SITE DISPOSAL FACILITY.

No.	REVISIONS	DATE	BY



Kimley»Horn

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 PHONE: 305-673-2025
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

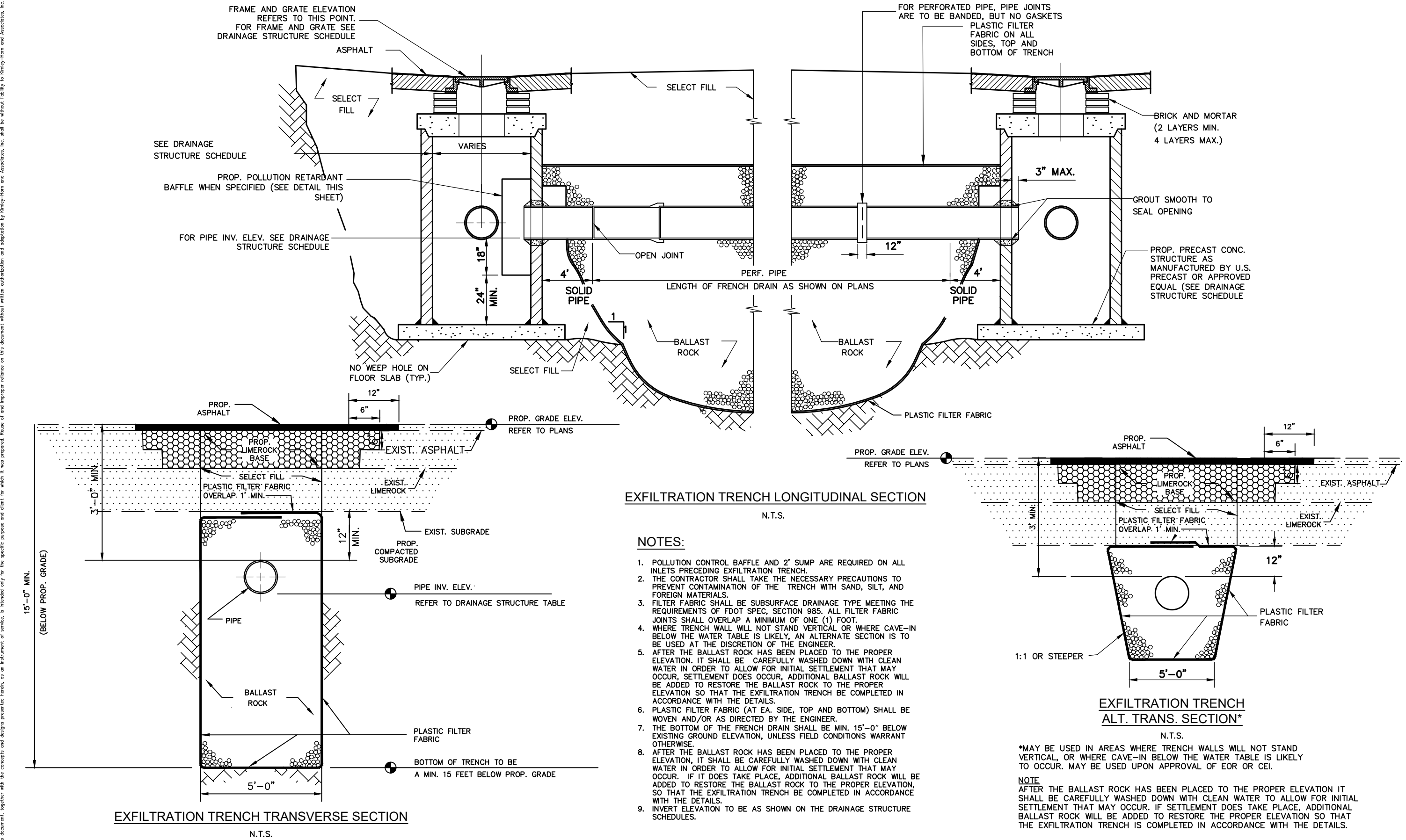
NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898
DATE: _____

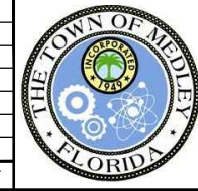
MISCELLANEOUS DETAILS

SHEET NUMBER R-1201

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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

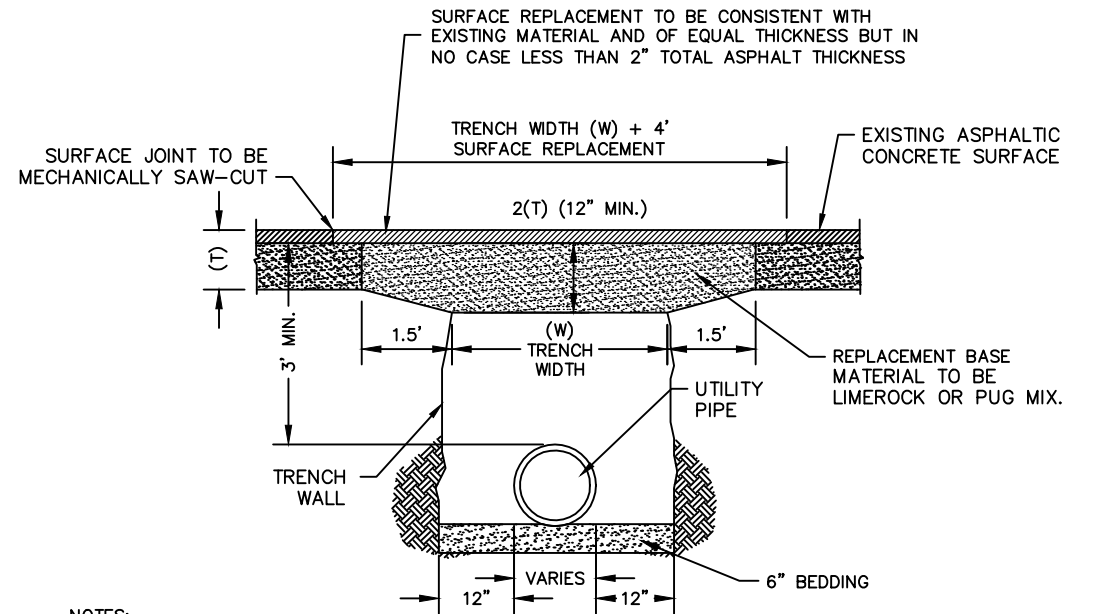
LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

MISCELLANEOUS DETAILS

SHEET NUMBER
R-1202

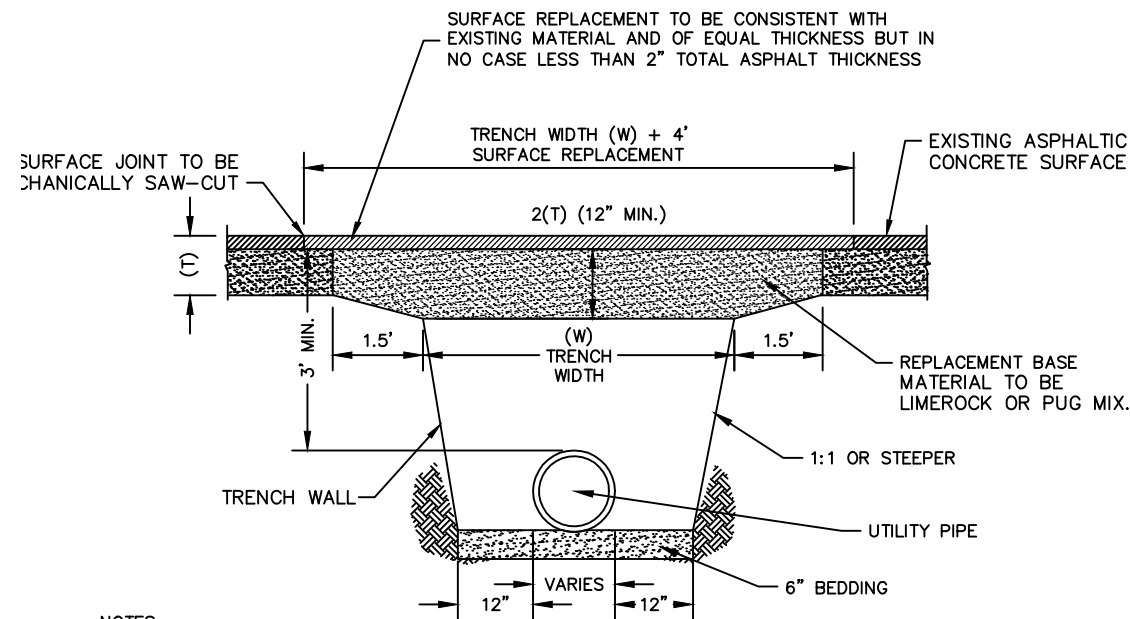
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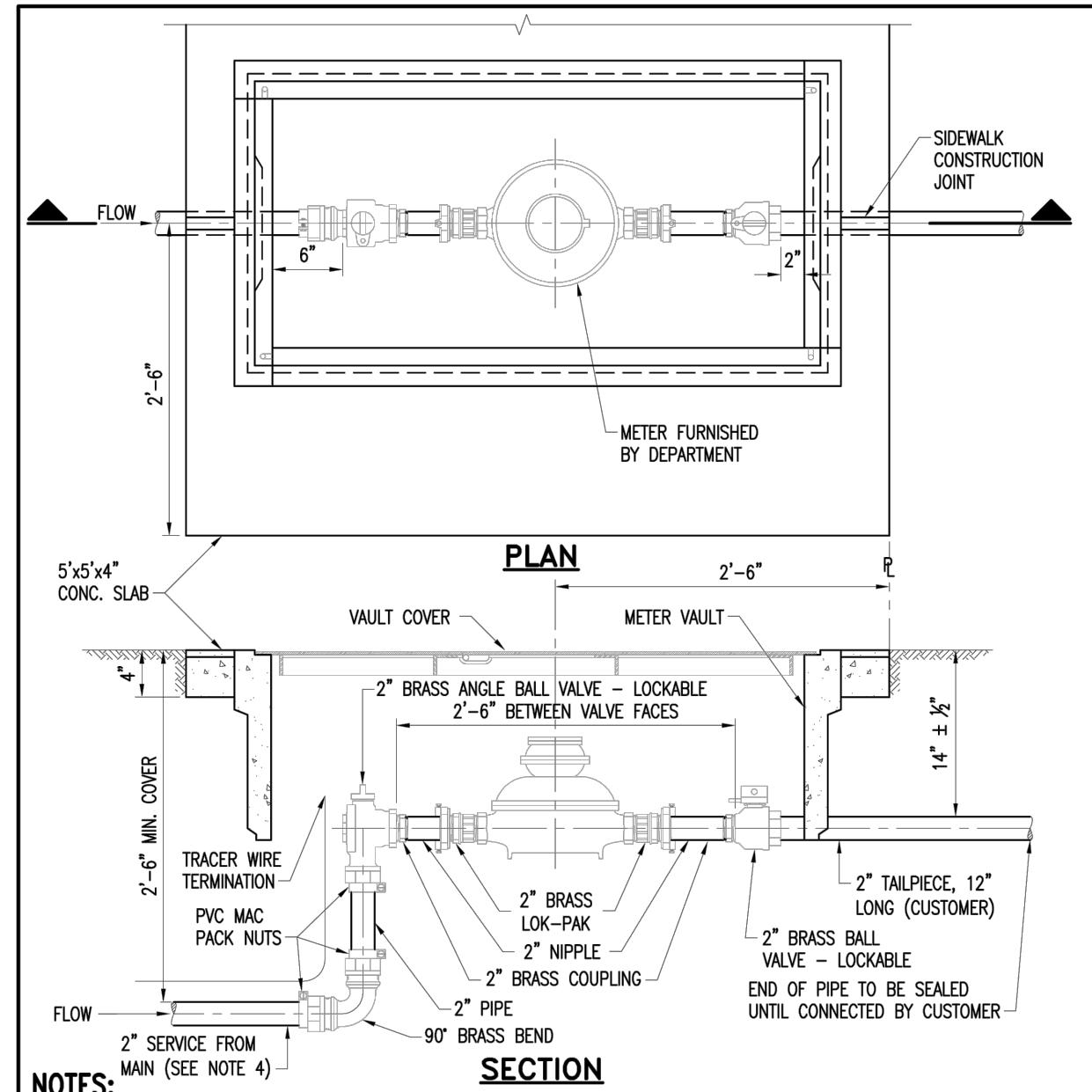
- NOTES:**
- BACKFILL SHALL BE PLACED IN 6" LAYERS FROM BENEATH THE HAUNCHES OF THE PIPE TO THE BASE AND COMPACTED TO 98% DENSITY PER AASHTO T-180 MODIFIED PROCTER.
 - BASE MATERIALS TO BE PLACED IN TWO OR THREE LAYERS ROLLED AND TAMPED TO ABOVE SPECIFIED DENSITY.

SOLID PIPE INSTALLATION AND TRENCH RESTORATION
N.T.S



- NOTES:**
- BACKFILL SHALL BE PLACED IN 6" LAYERS FROM BENEATH THE HAUNCHES OF THE PIPE TO THE BASE AND COMPACTED TO 98% DENSITY PER AASHTO T-180 MODIFIED PROCTER.
 - BASE MATERIALS TO BE PLACED IN TWO OR THREE LAYERS ROLLED AND TAMPED TO ABOVE SPECIFIED DENSITY.
 - MAY BE USED IN AREAS WHERE TRENCH WALLS WILL NOT STAND VERTICAL, OR WHERE CAVE-IN BELOW THE WATER TABLE IS LIKELY TO OCCUR. MAY BE USED UPON APPROVAL OF EOR OR CEI.

ALTERNATIVE SOLID PIPE INSTALLATION AND TRENCH RESTORATION
N.T.S

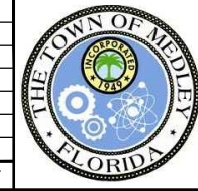


- NOTES:**
- USE 2'x4' METER VAULT.
 - METER BOX TO BE IN 5'x5'x4" THICK CONCRETE SLAB WITH 6x6-W1.4xW1.4 W.W.M.
 - A TEN GAUGE BLUE (PURPLE FOR RECLAIMED WATER) DIRECT BURY STRANDED COPPER TRACER WIRE TO BE TAPED CONTINUOUSLY WITH POLY OR DUCT TAPE TO THE SERVICE FOR LOCATION PURPOSES. WIRE MUST BE ATTACHED TO WATER MAIN AND EXTEND INTO THE WATER METER BOX.
 - USE 2" BLUE COLOR HDPE FOR POTABLE WATER SERVICE. USE 2" PURPLE COLOR HDPE FOR RECLAIMED WATER SERVICE.
 - METERS WILL NOT BE INSTALLED IF THE METER BOX IS LOCATED ON A DRIVING SURFACE.
 - METER BOX SHALL BE INSTALLED BETWEEN TWO SEPARATE FLAGS OF CONCRETE.
 - ALL BRASS COMPONENTS SHALL BE MARKED "NL" MEETING THE S3874 AMENDMENT TO THE SAFE DRINKING WATER ACT.

TYPICAL SERVICE PLAN	WS 4.10
2'x4' METER VAULT	WS 2.17
ITEM	CROSS SPEC. REF. REF.

	ISSUE DATE	APPROVED BY	STANDARD DETAIL	WS
	05/31/2013	E.A.V.		
MAMI-DADE COUNTY WATER & SEWER DEPARTMENT			SHEET 1 OF 4	

No.	REVISIONS	DATE	BY



Kimley Horn

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112

PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY FLORIDA

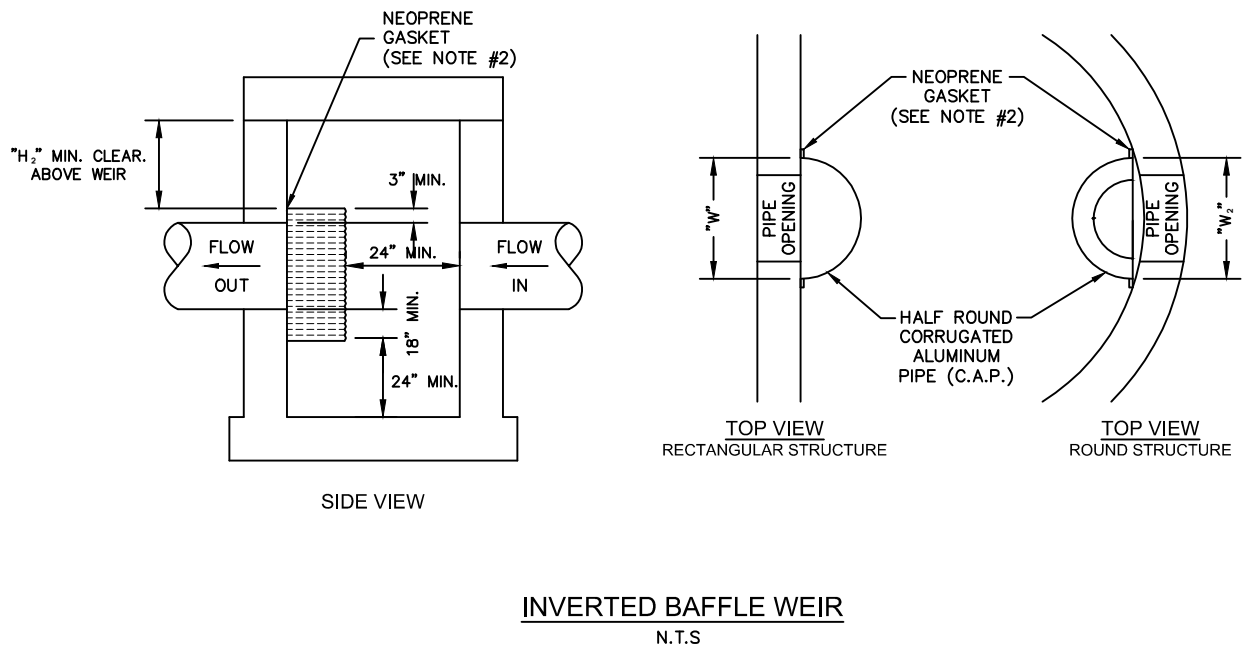
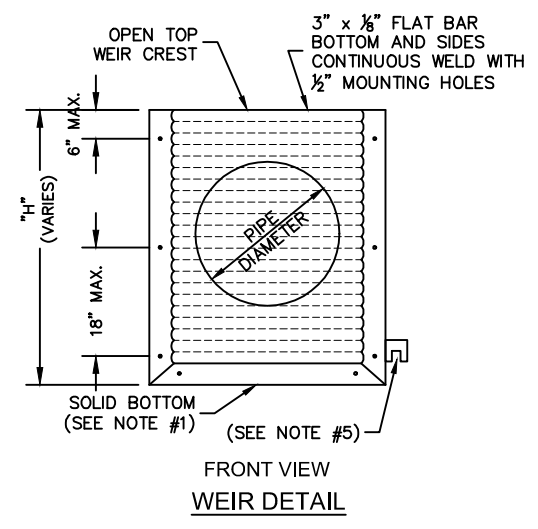
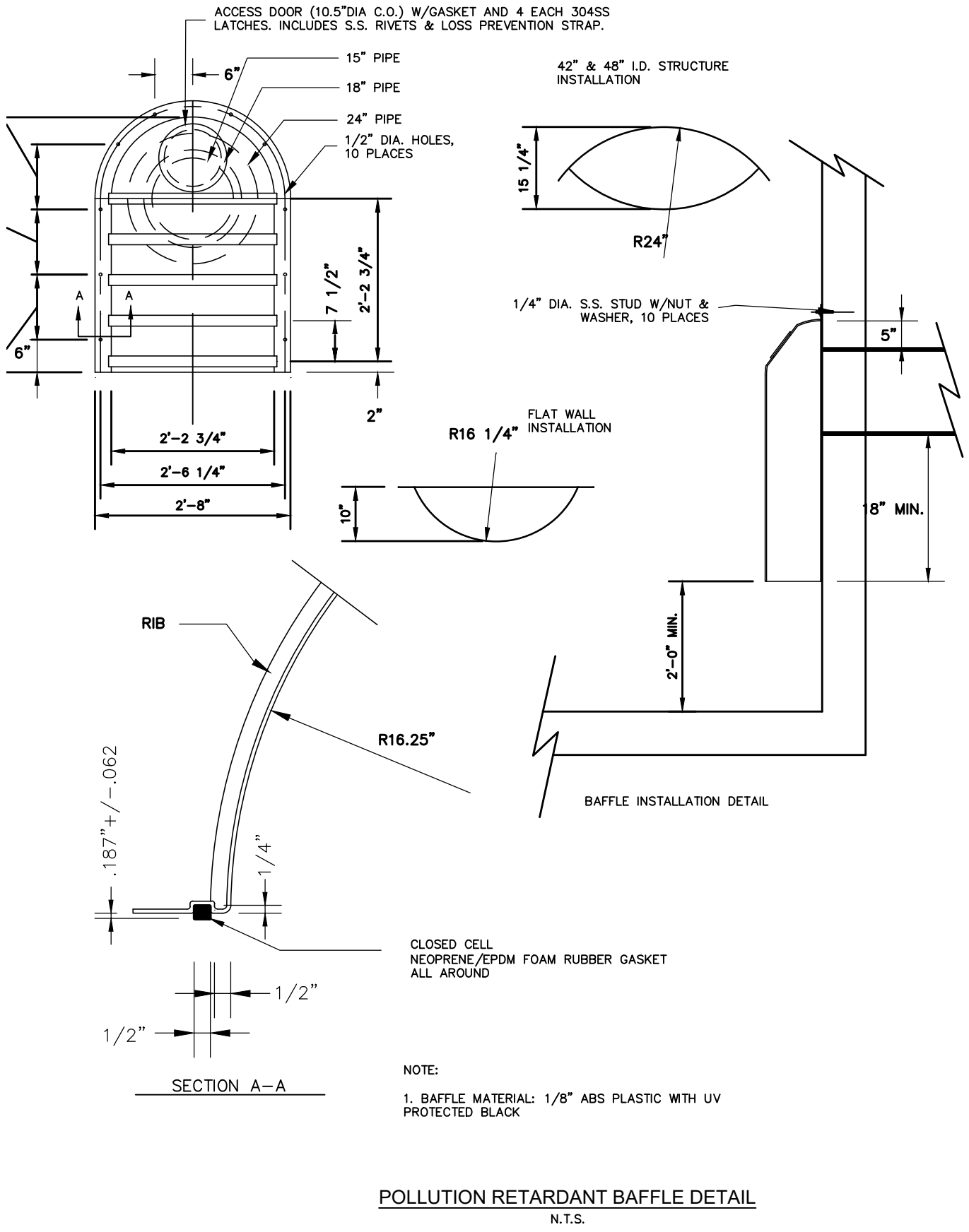
LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
73898	DATE: _____

MISCELLANEOUS DETAILS

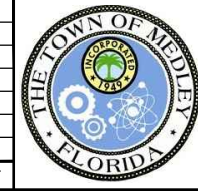
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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

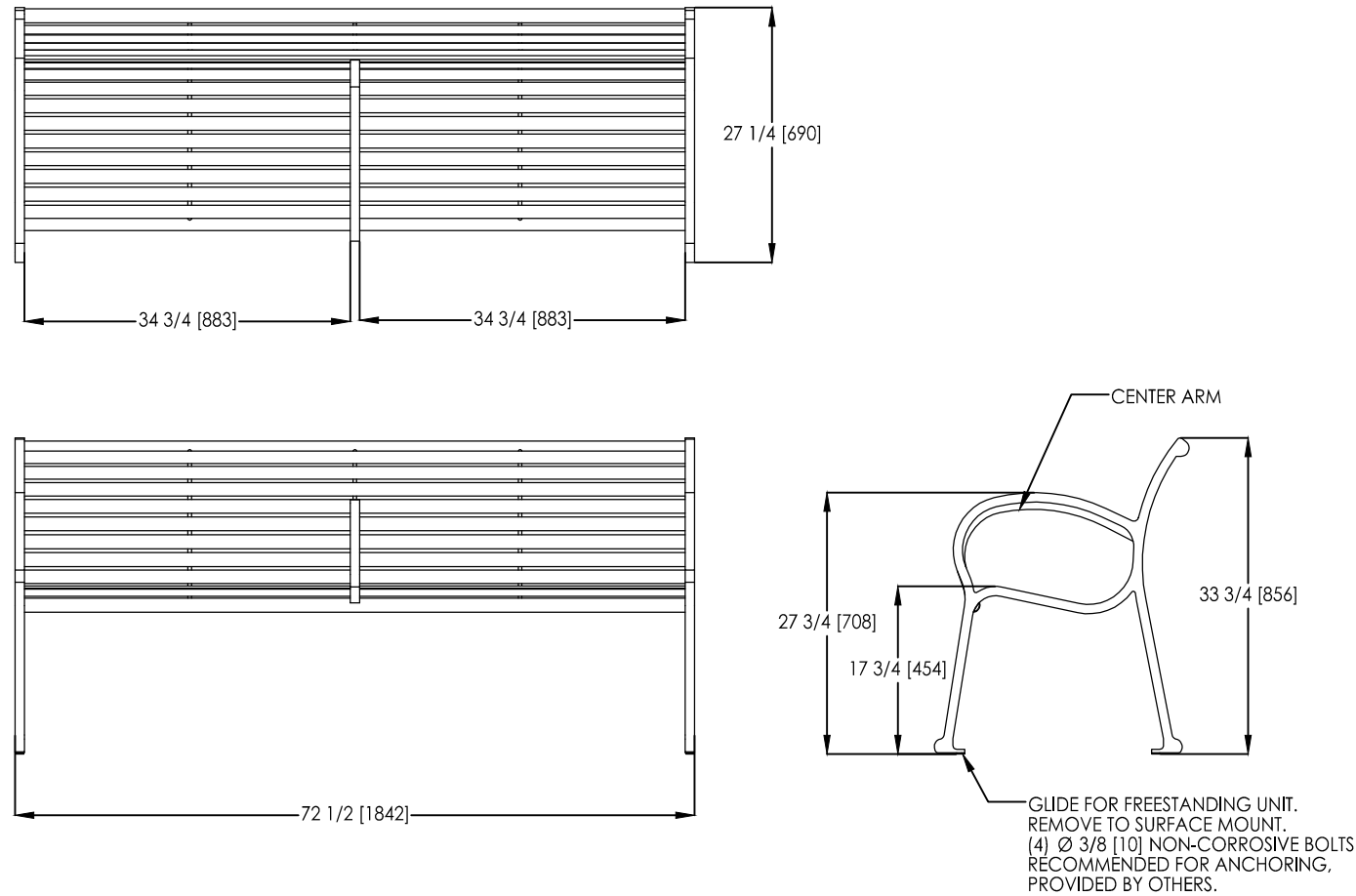
MISCELLANEOUS DETAILS

SHEET NUMBER
R-1204

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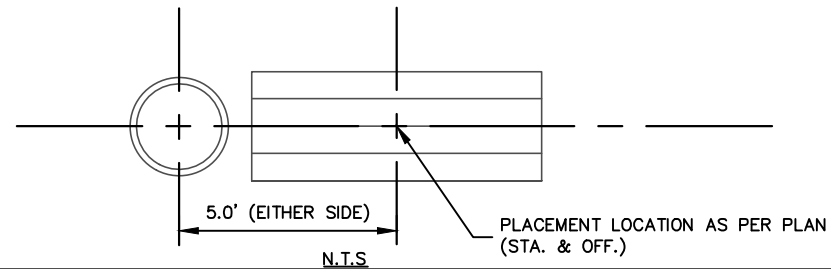
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Scarborough™ Bench, 72" Backed, with Horizontal Strap Seat and Center Arm
 Product Drawing Date: 5/19/2010
 www.landscapeforms.com Ph: 800.521.2546

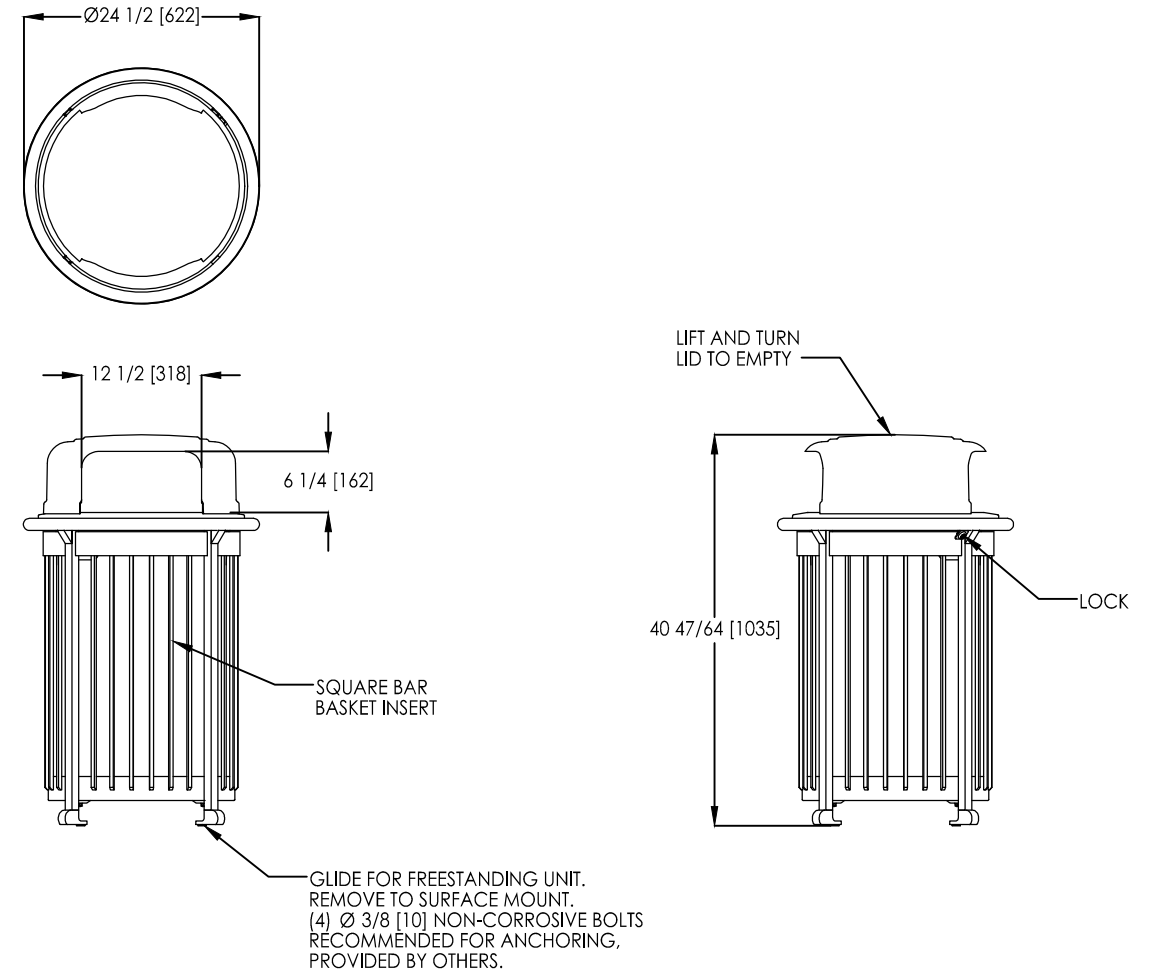


landscapeforms™ Drawing: SC175-04
 Dimensions are in inches [mm]

NOTE:
 CONTRACTOR SHALL PROVIDE AND INSTALL BENCHES AND LITTER RECEPTACLES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS WHERE SHOWN ON THE PLANS. PRODUCTS AS SHOWN OR APPROVED EQUIVALENT



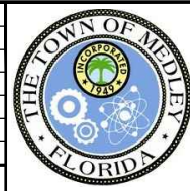
Scarborough™ Litter Receptacle, Side Opening, 30 Gallon, Square Bar, with Lock
 Product Drawing Date: 5/19/2010
 www.landscapeforms.com Ph: 800.521.2546



landscapeforms™ Drawing: SC175-04
 Dimensions are in inches [mm]

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

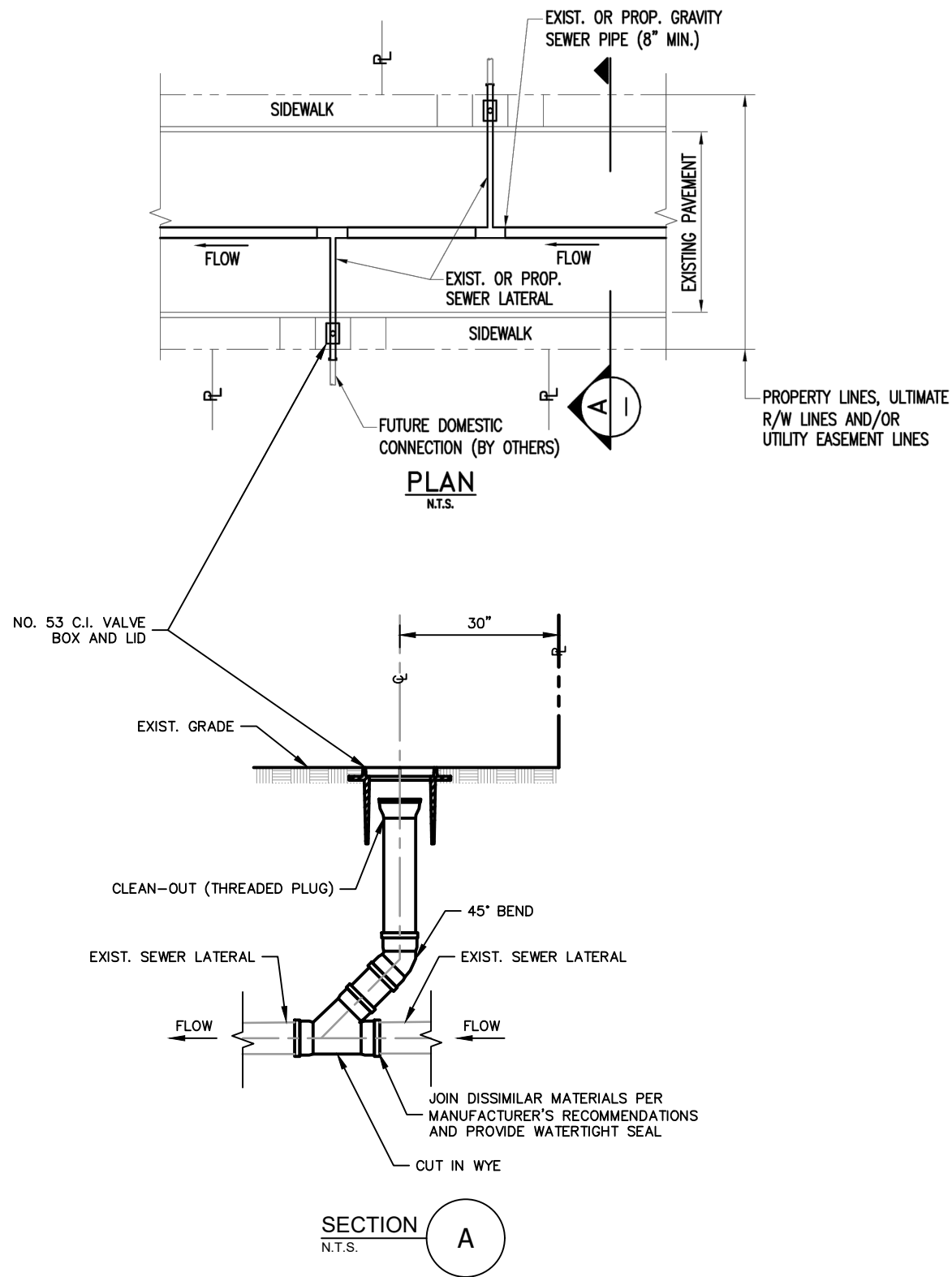
LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	_____

MISCELLANEOUS DETAILS

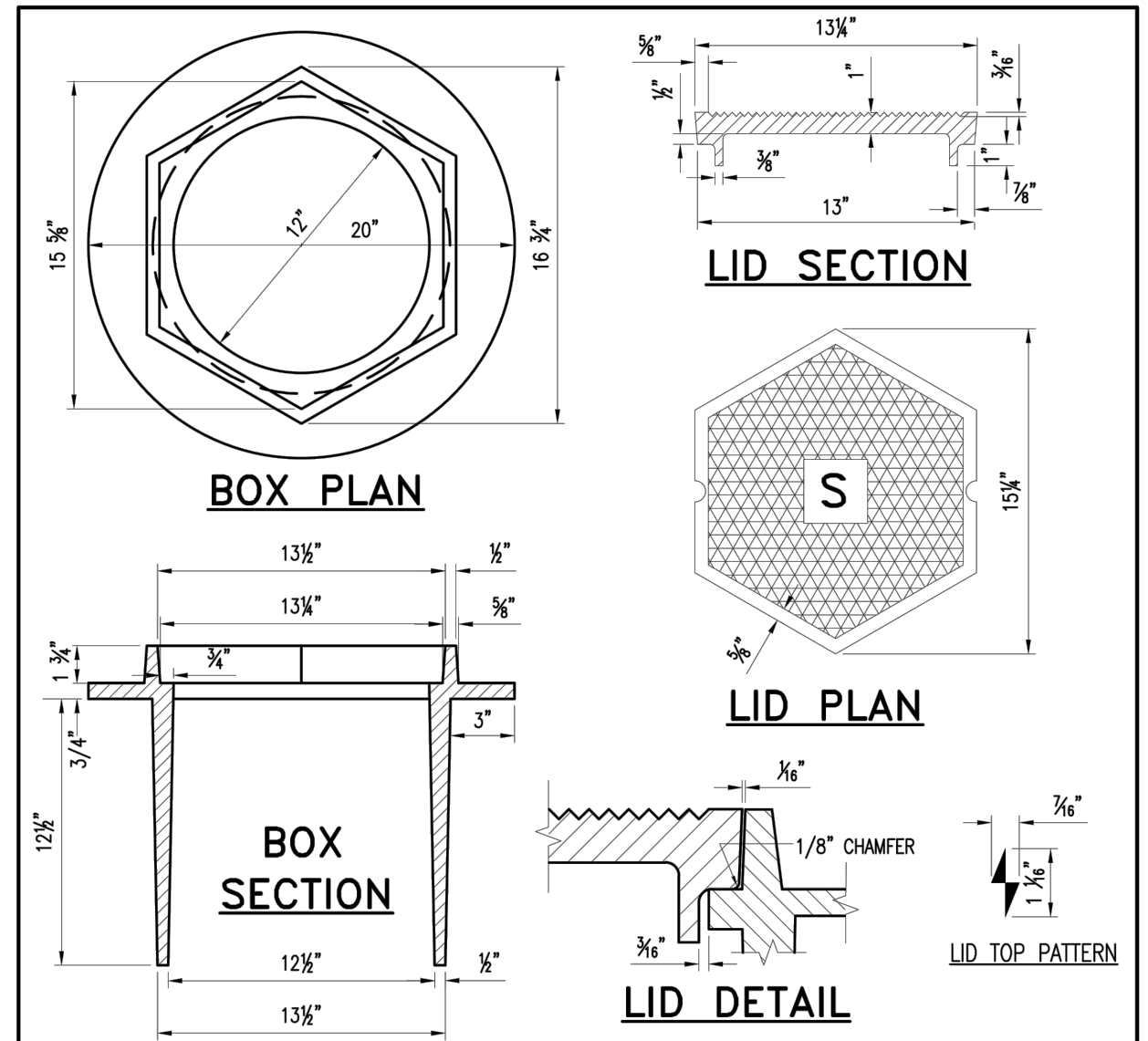
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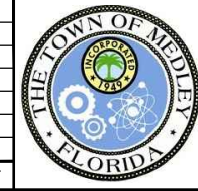
CLEAN-OUT INSTALLATION IN EXISTING SANITARY SEWER LATERAL
N.T.S.



- NOTES:**
- MACHINE FINISH BOTTOM OF COVER AND SEAT OF FRAME.
 - ALL DIMENSIONS ARE NET CASTING, NOT PATTERN.
 - FOUNDRY AND LOCATION SHALL BE CAST ON BOTTOM OF THE LID. (SEE WS 2.05)
 - MINIMUM WEIGHTS: RING: 134LBS
COVER: 44LBS

	ISSUE DATE	APPROVED BY	STANDARD DETAIL	
	06/25/2015	J.B.F.	No. 53 C.I. VALVE BOX AND LID	
			CROSS REF.	SPEC. REF.
			XXXXX	SS
				13.0
				SHEET 1 OF 1

No.	REVISIONS	DATE	BY



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KHA PROJECT
043637031
DATE
DEC 2018
SCALE AS SHOWN
DESIGNED BY B.J.F.
DRAWN BY JPG
CHECKED BY B.J.F.

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 FLORIDA DATE: _____

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 BARTON J. FYE, P.E.
 73898

MISCELLANEOUS DETAILS

SHEET NUMBER
R-1206


Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 MISCELLANEOUS DETAILS December 13, 2018 08:35:05am
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This project is funded by the Town of Medley
Stormwater Utility Fund

**NW SOUTH RIVER DRIVE
NW 74TH AVENUE**

ROADWAY & DRAINAGE IMPROVEMENTS
From SR-826 (Palmetto) to NW 72TH AVE
CIP Project No. PW-0112




Town of Medley
"The Perfect Location for Industrial Development"

Town Council
Roberto Martell, Mayor
Edgar Ayala, Vice-Mayor
Ivan Pacheco
Griselia Digiacomio
Lily Stefano

Completion Date: Month, Year
Project Cost: Bid amount in dollars

Project Team

Engineer



Contractor
Contractor's Logo

For information contact Jorge E. Corzo, PE
Director of Capital Projects at
(305) 887-9541 Ext. 123

www.townofmedley.com

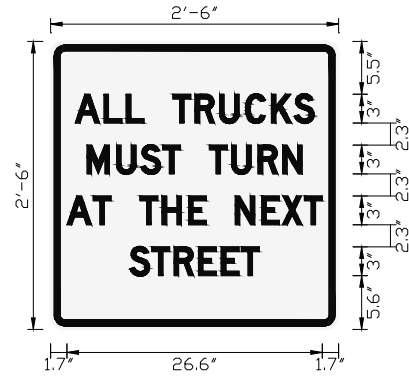
8.0' MIN.

4.0' MIN.

THIS PROJECT SIGN MUST BE DISPLAYED AT ALL TIMES DURING CONSTRUCTION AT PROJECT BEGINNING AND END (REFER TO PLANS FOR LOCATION)
CONTRACTOR SHALL PROVIDE SHOP DRAWING/SUBMITTAL WITH COMPLETED PROJECT INFORMATION FOR REVIEW PRIOR TO FABRICATION.

PROJECT SIGN DETAIL
N.T.S.

SIGN DETAIL
1:20



SIGN NUMBER	CUSTOM1
WIDTH x HGHT.	2'-6" x 2'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT

Panel Style: regulatory.ssi
Dimensions are in inches.tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE			
A	L	L		T	R	U	C	K	S					D 2000	
2.6	5.6	7.9	9.7	12.7	15	17.6	20.3	23	25.4					24.9	3
M	U	S	T		T	U	R	N							D 2000
3.8	6.9	9.4	11.7	13.5	16.5	18.9	21.6	24.2						22.4	3
A	T		T	H	E		N	E	X	T					D 2000
1.7	4.4	6.3	9.3	11.6	14.4	16.2	19.2	22	24.2	26.4				26.6	3
S	T	R	E	E	T										D 2000
8.3	10.5	12.9	15.4	17.8	19.9									13.5	3

No.	REVISIONS	DATE	BY





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PHONE: 305-673-2025
WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJJ
DRAWN BY JPG
CHECKED BY BJJ

NWSRD (826-72A) PW-0112

PREPARED FOR
TOWN OF MEDLEY

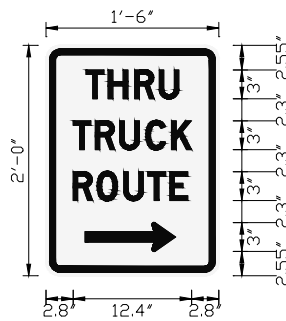
TOWN OF MEDLEY
FLORIDA

LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898
DATE: _____

MISCELLANEOUS DETAILS

SHEET NUMBER R-1207

SIGN DETAIL
1:20



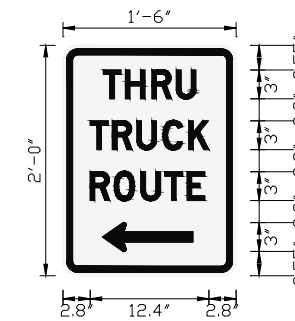
SIGN NUMBER	CUST_THRU_RT
WIDTH x HGHT.	1'-6" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT
AR_THRU	270	4.1	2.5	3	9.4

Panel Style: regulatory.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
T	H	R	U								D 2000
4.2	6.5	9.2	11.8							9.7	3
T	R	U	C	K							D 2000
2.8	5.1	7.7	10.4	13.1						12.4	3
R	O	U	T	E							D 2000
2.8	5.3	8.1	10.6	12.9						11.9	3

SIGN DETAIL
1:20



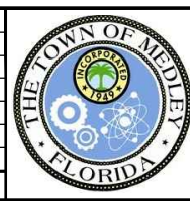
SIGN NUMBER	CUST_THRU_LT
WIDTH x HGHT.	1'-6" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT
AR_THRU	90	4.1	2.5	3	9.4

Panel Style: regulatory.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
T	H	R	U								D 2000
4.2	6.5	9.2	11.8							9.7	3
T	R	U	C	K							D 2000
2.8	5.1	7.7	10.4	13.1						12.4	3
R	O	U	T	E							D 2000
2.8	5.3	8.1	10.6	12.9						11.9	3

No.	REVISIONS	DATE	BY



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	_____

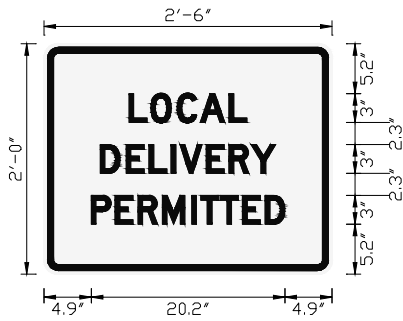
MISCELLANEOUS DETAILS

SHEET NUMBER	R-1208
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SIGN DETAIL
1:20

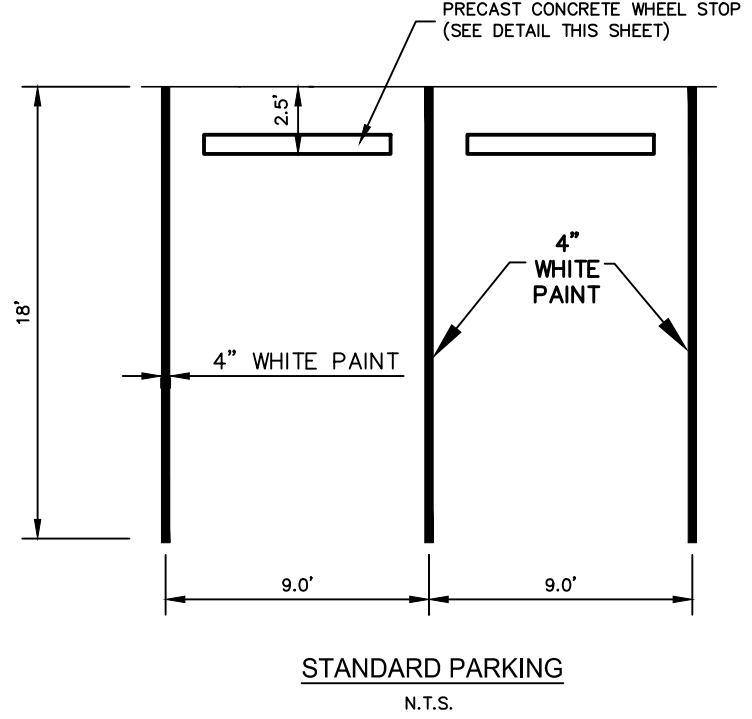
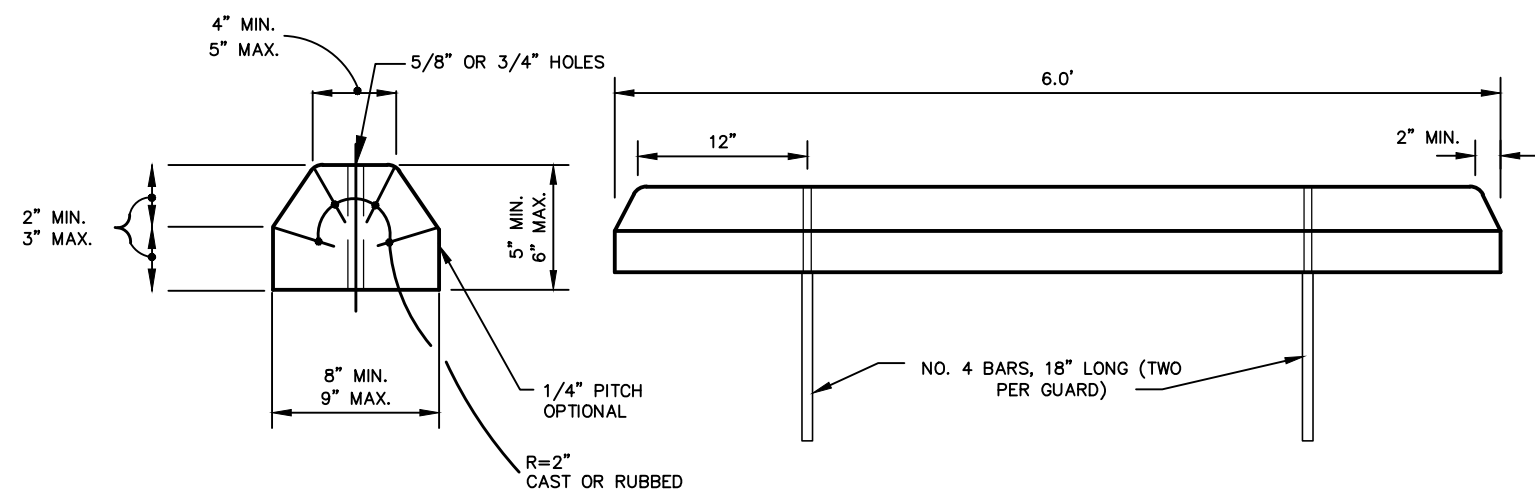
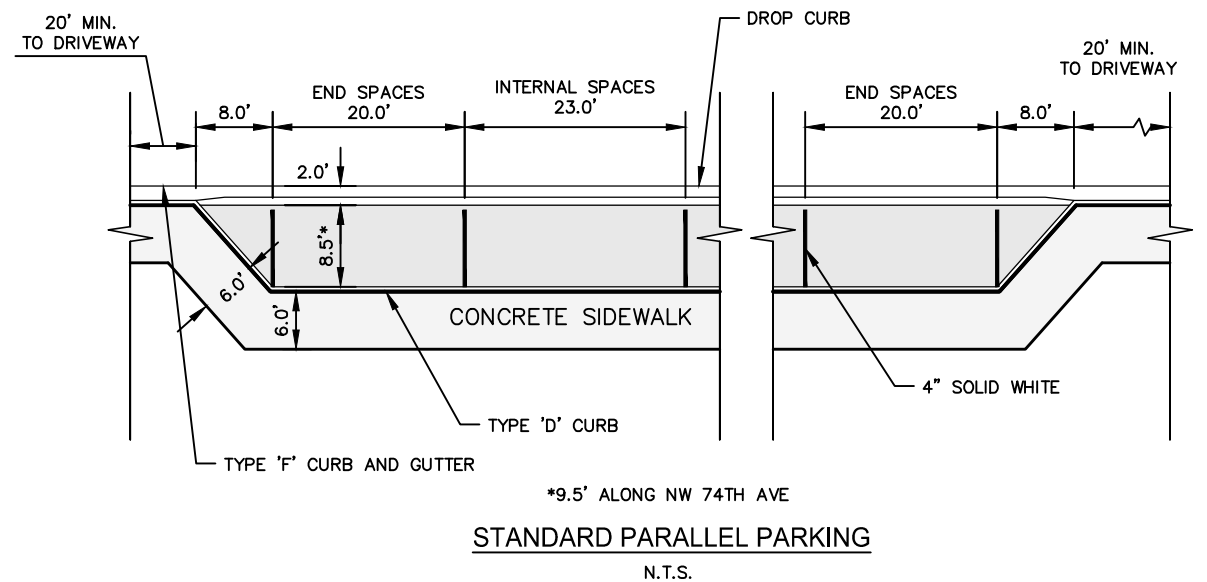


SIGN NUMBER	CUST_LDEL
WIDTH x HGHT.	2'-6" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: White
LEGEND/BORDER	TYPE: Reflective COLOR: Black/Black

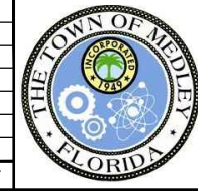
SYMBOL	ROT	X	Y	WID	HT

Panel Style: regulatory.ssi
 Dimensions are in inches.tenths
 Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
L	O	C	A	L							D 2000
8.9	11.1	13.8	16.3	19.3						12.3	3
D	E	L	I	V	E	R	Y				D 2000
5.9	8.6	10.9	13.2	14.2	16.9	19.3	21.6			18.3	3
P	E	R	M	I	T	T	E	D			D 2000
4.9	7.4	9.8	12.3	15.4	16.3	18.4	20.7	23		20.2	3



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
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TOWN OF MEDLEY
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 FLORIDA

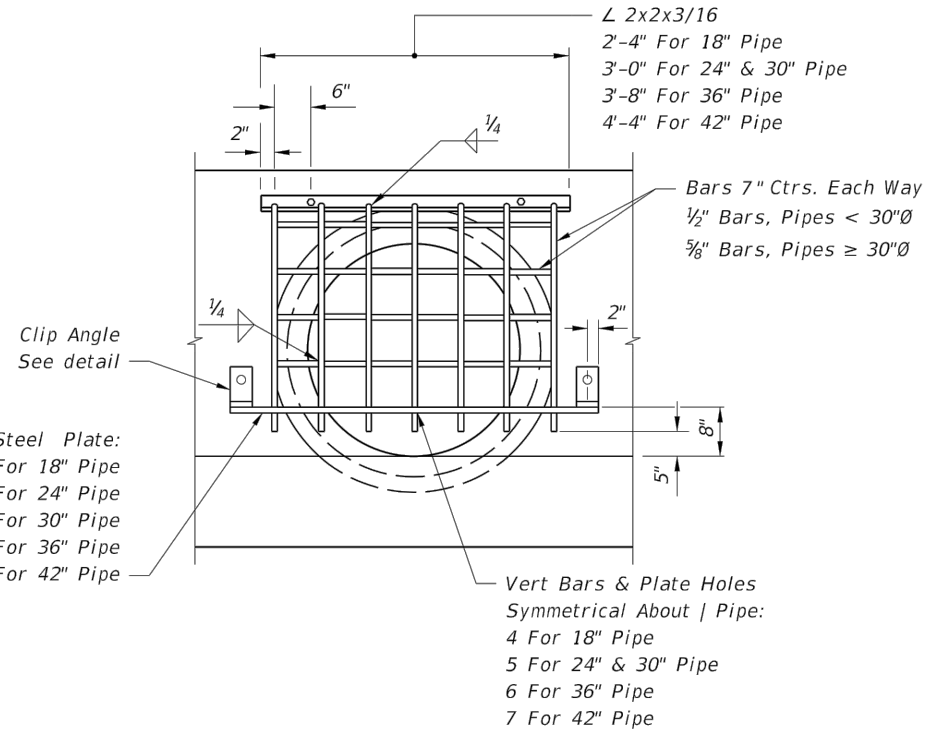
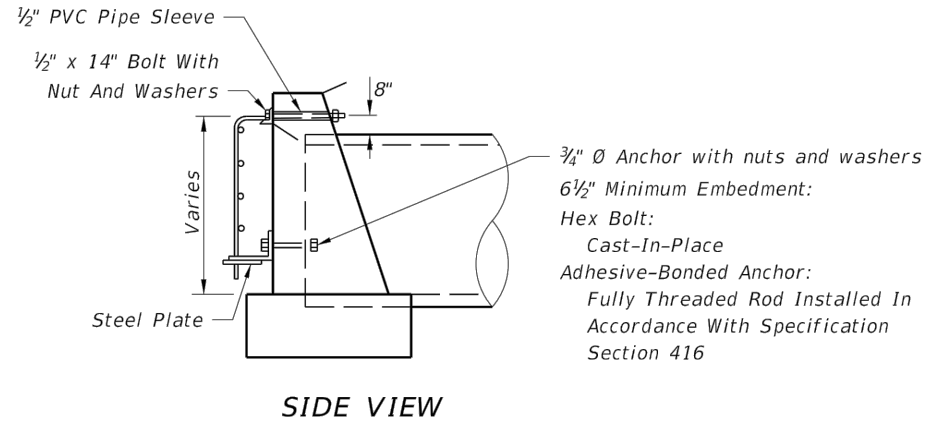
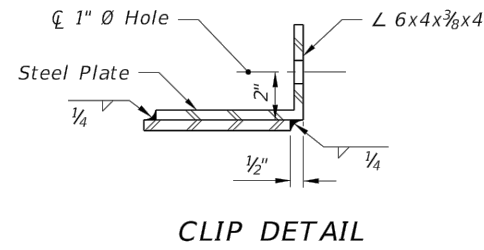
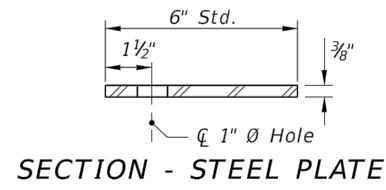
LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	

MISCELLANEOUS DETAILS

SHEET NUMBER	R-1209
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Pipe Dia.	18"	24"	30"	36"	42"
Grate (Lbs.)	48	58	74	90	111

FRONT VIEW

Note: Guards to be constructed only at locations specifically called for in plans.
MODIFIED FDOT DETAIL OF GUARD AT PIPE END (MANATEE GRATE)

N.T.S.



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KHA PROJECT
 043637031
 DATE
 DEC 2018
 SCALE AS SHOWN
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NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY

LICENSED PROFESSIONAL

BARTON J. FYE, P.E.

73898

FLORIDA DATE: _____

MISCELLANEOUS DETAILS

SHEET NUMBER

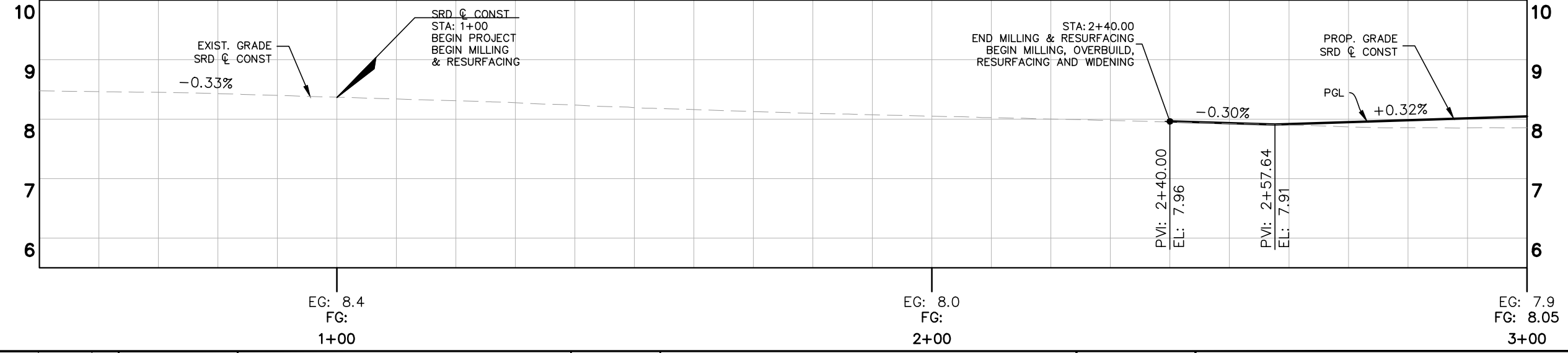
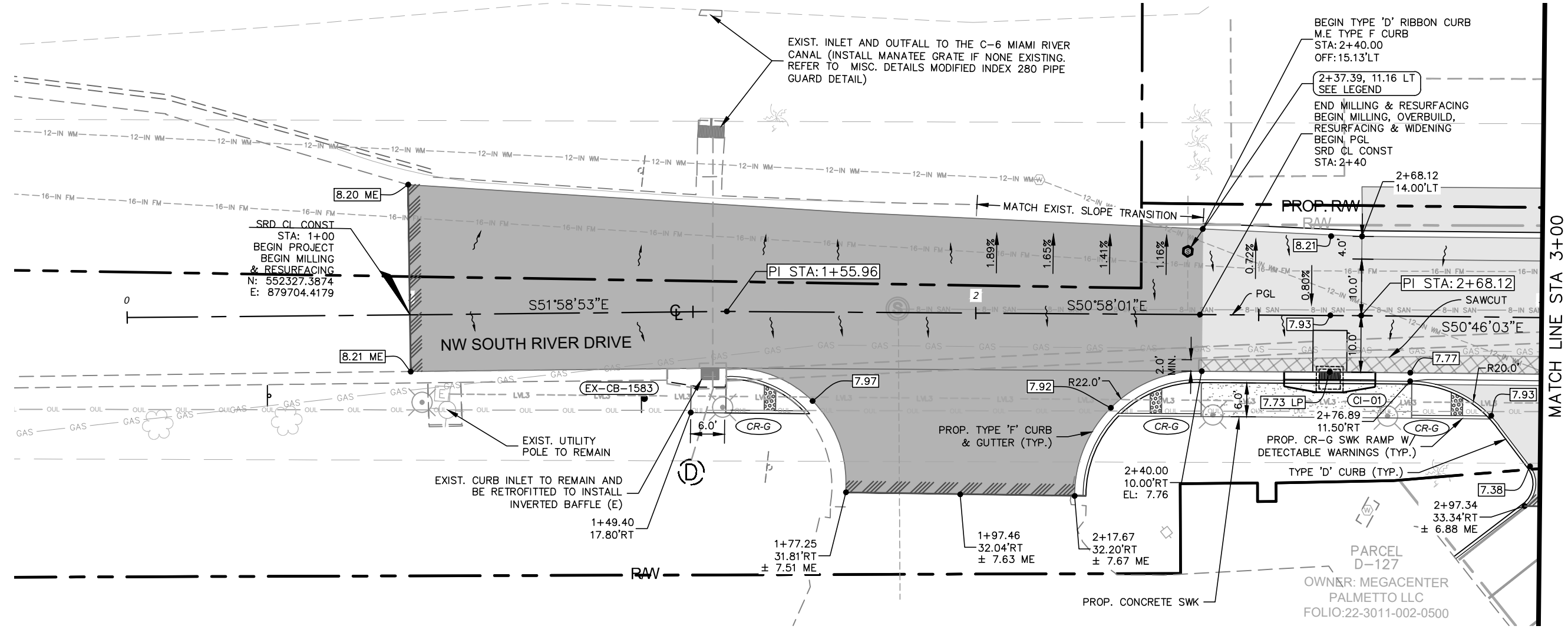
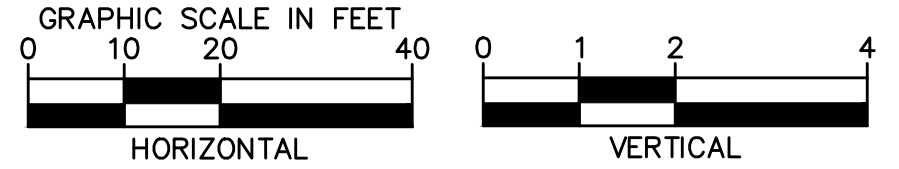
R-1210

No.	REVISIONS	DATE	BY

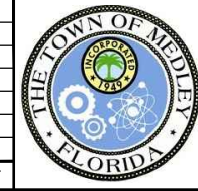
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



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DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

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LICENSED PROFESSIONAL
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 73898
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ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1300

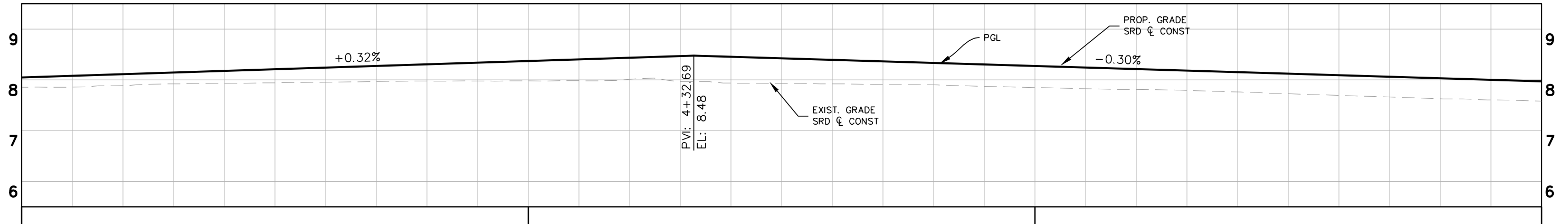
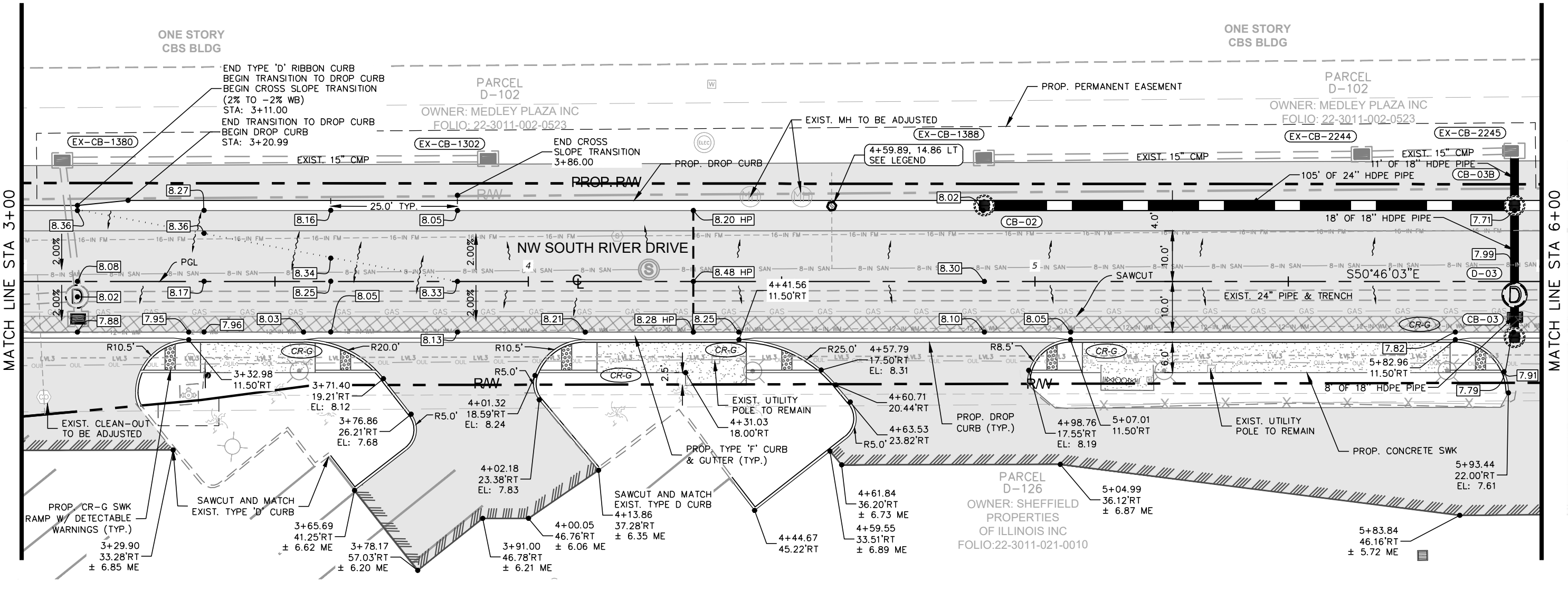
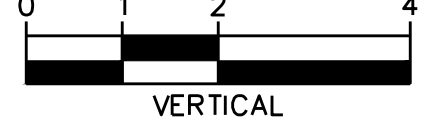
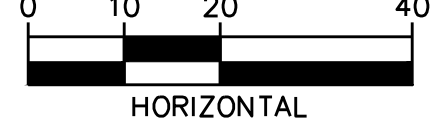
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS

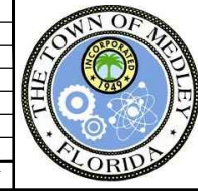


GRAPHIC SCALE IN FEET



EG: 7.9 FG: 8.05 3+00	EG: 8.0 FG: 8.37 4+00	EG: 7.8 FG: 8.27 5+00	EG: 7.6 FG: 7.97 6+00
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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

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 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
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 73898
 DATE: _____

ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1301

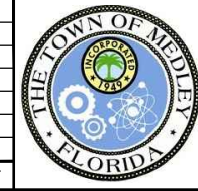
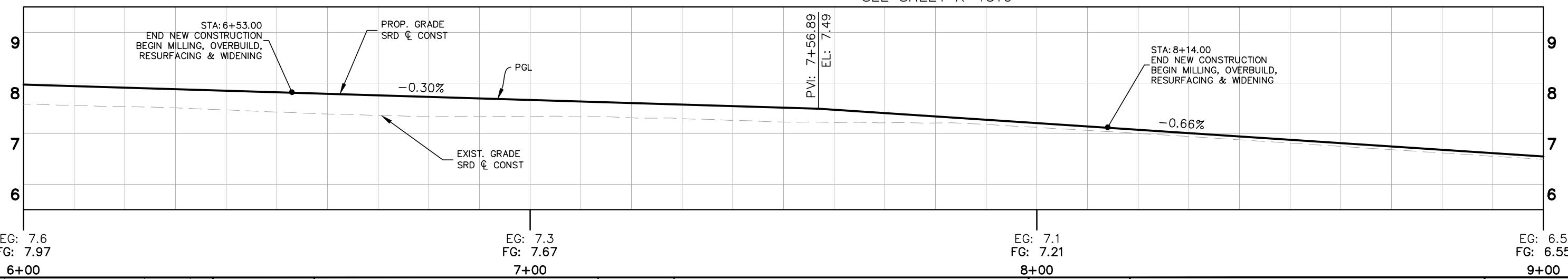
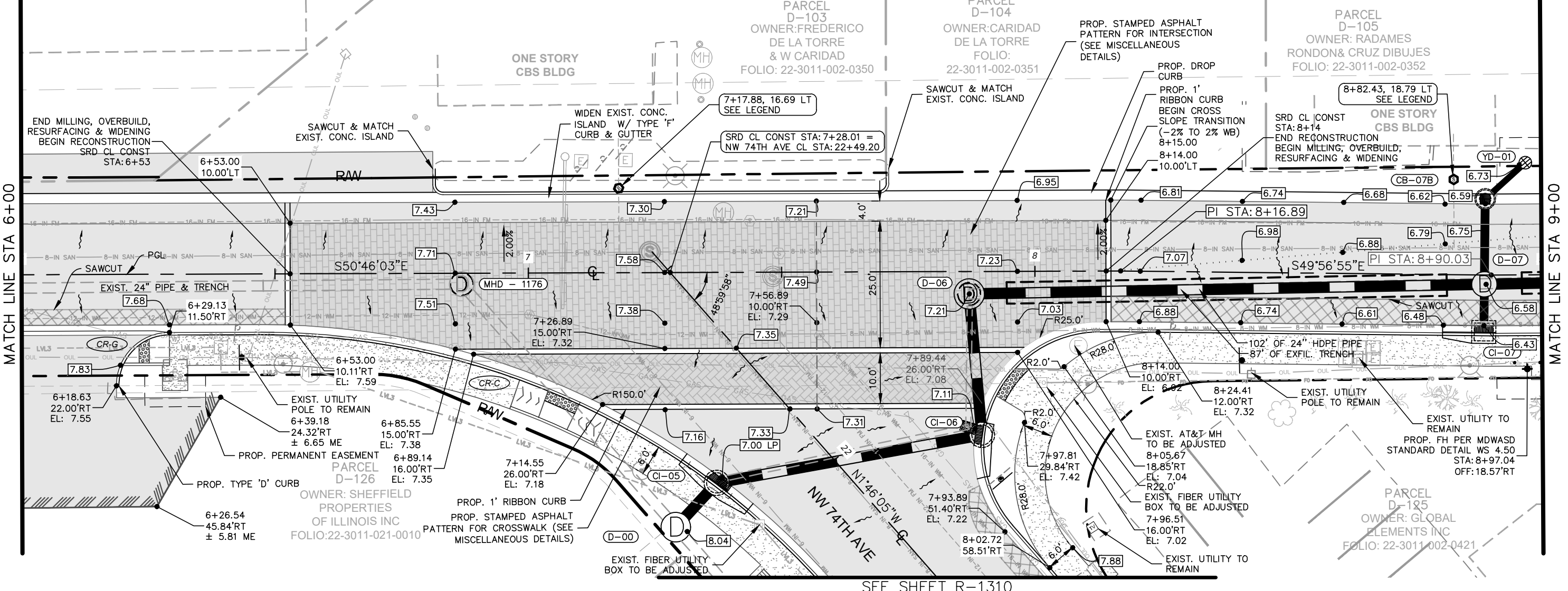
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- XX-XX DRAINAGE STR. NAME
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS
- PROP. MANHOLE
- PROP. EXFILTRATION TRENCH
- STAMPED ASPHALT

GRAPHIC SCALE IN FEET

HORIZONTAL: 0 10 20 40
 VERTICAL: 0 1 2 4



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KHA PROJECT
 043637031
 DATE
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 SCALE AS SHOWN
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 DATE: _____

ROADWAY PLAN & PROFILE

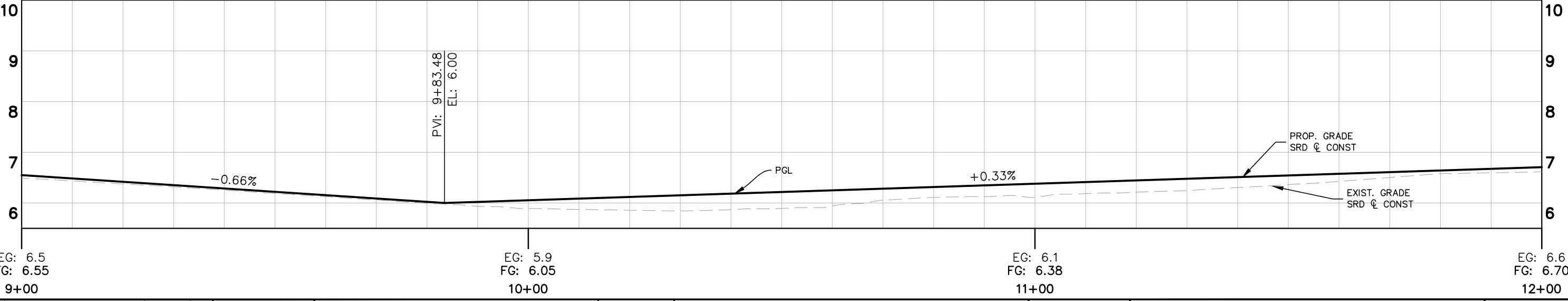
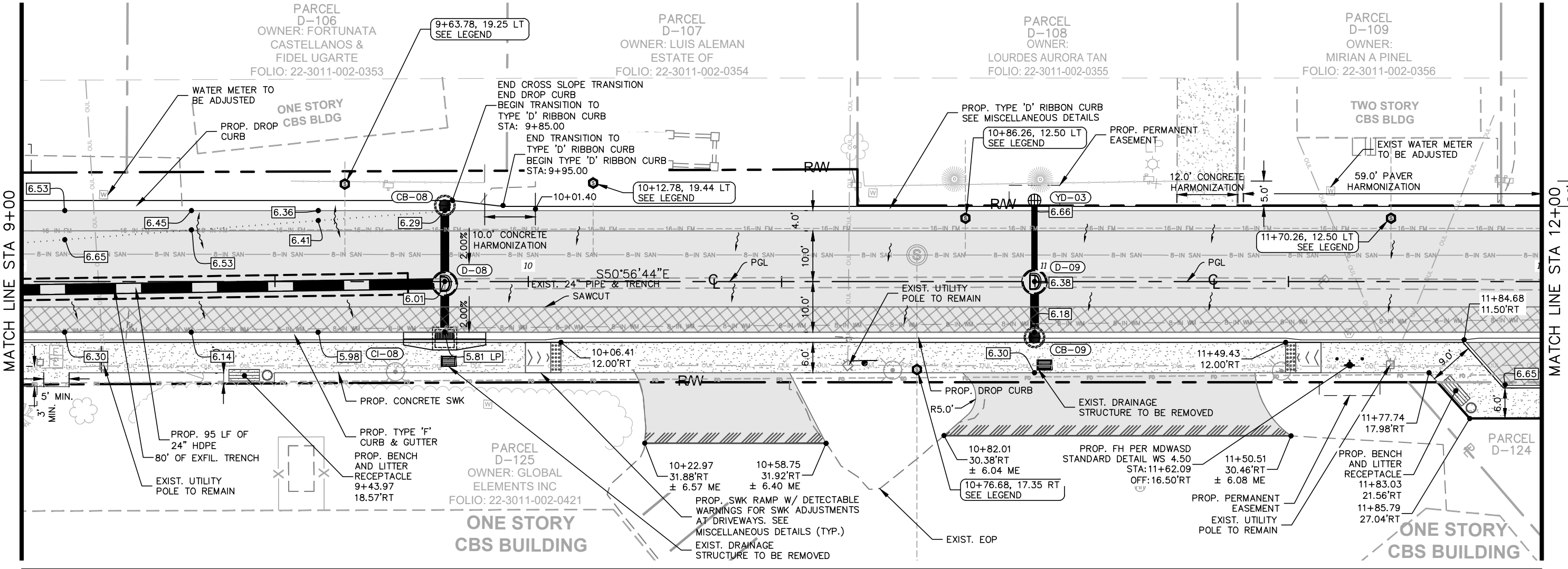
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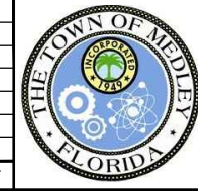
LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS

GRAPHIC SCALE IN FEET
 0 10 20 40
HORIZONTAL
 0 1 2 4
VERTICAL



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

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ROADWAY PLAN & PROFILE

SHEET NUMBER
R-1303

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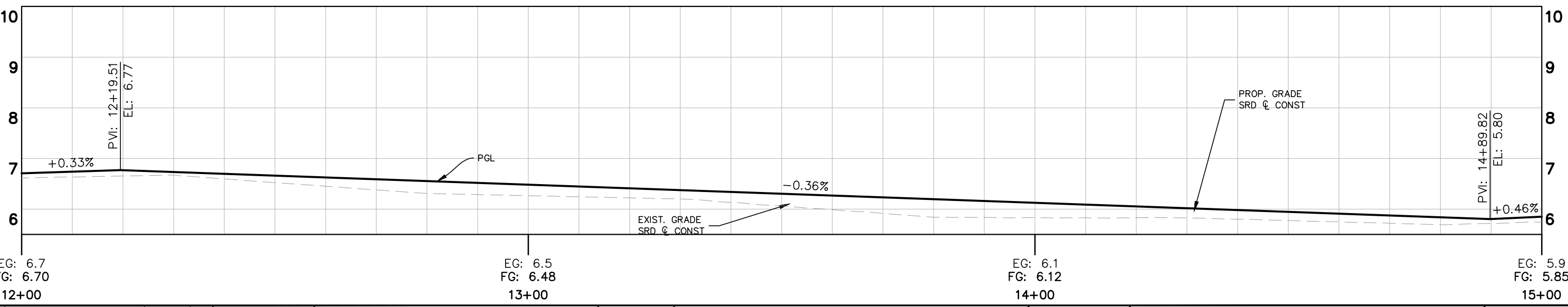
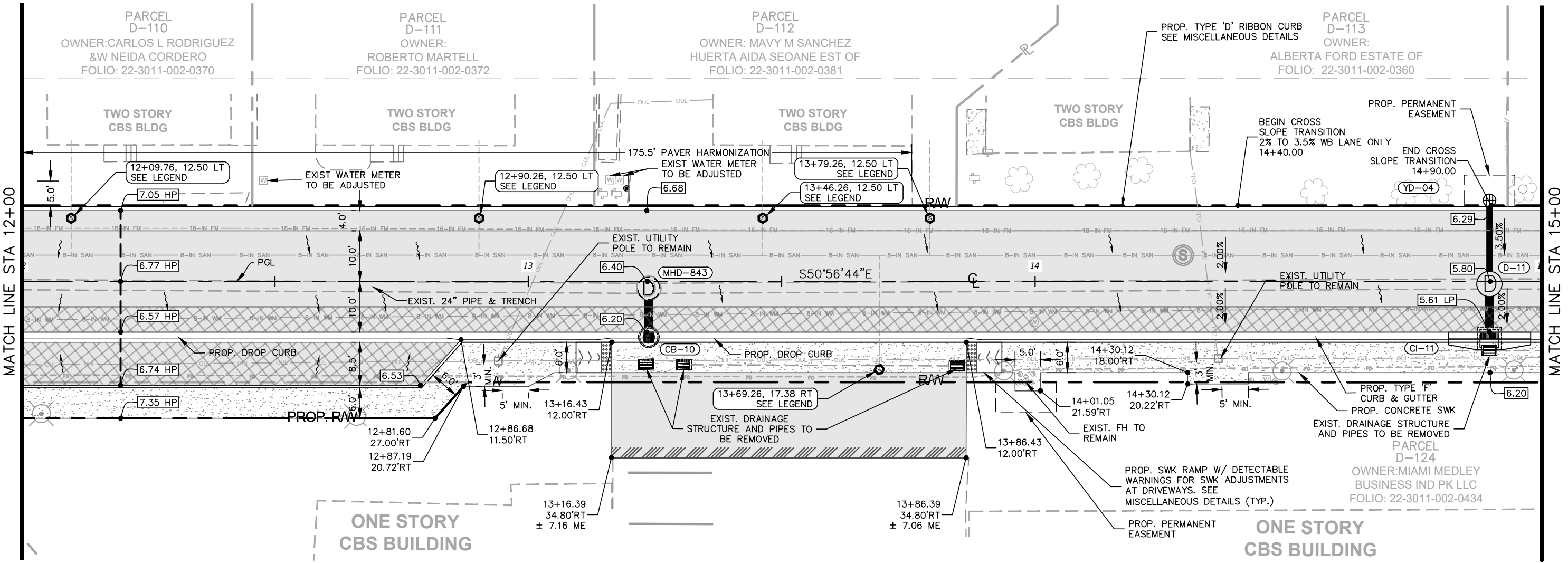
LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- XX-XX DRAINAGE STR. NAME
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS
- PROP. MANHOLE
- PROP. PERMANENT EASEMENT

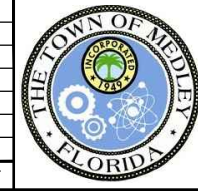
GRAPHIC SCALE IN FEET

HORIZONTAL 0 10 20 40

VERTICAL 0 1 2 4



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DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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 DATE: _____

ROADWAY PLAN & PROFILE

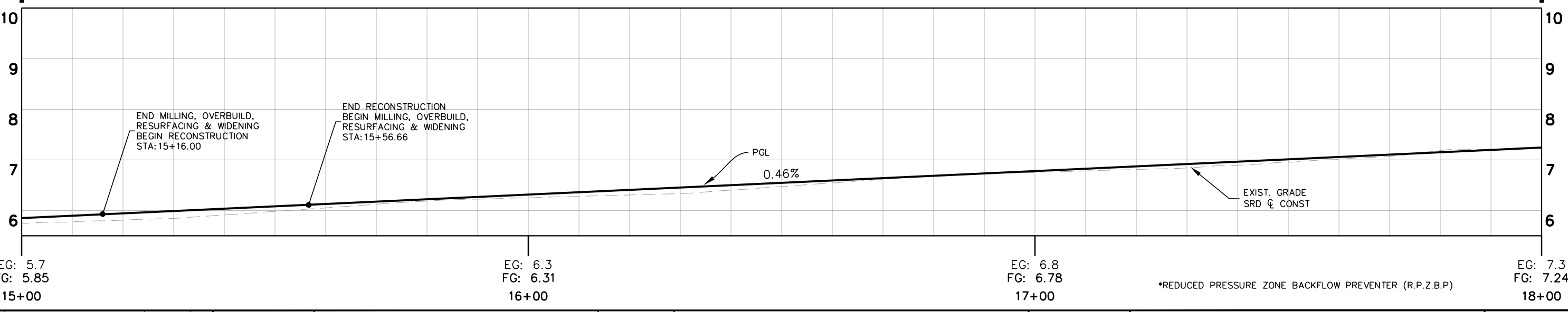
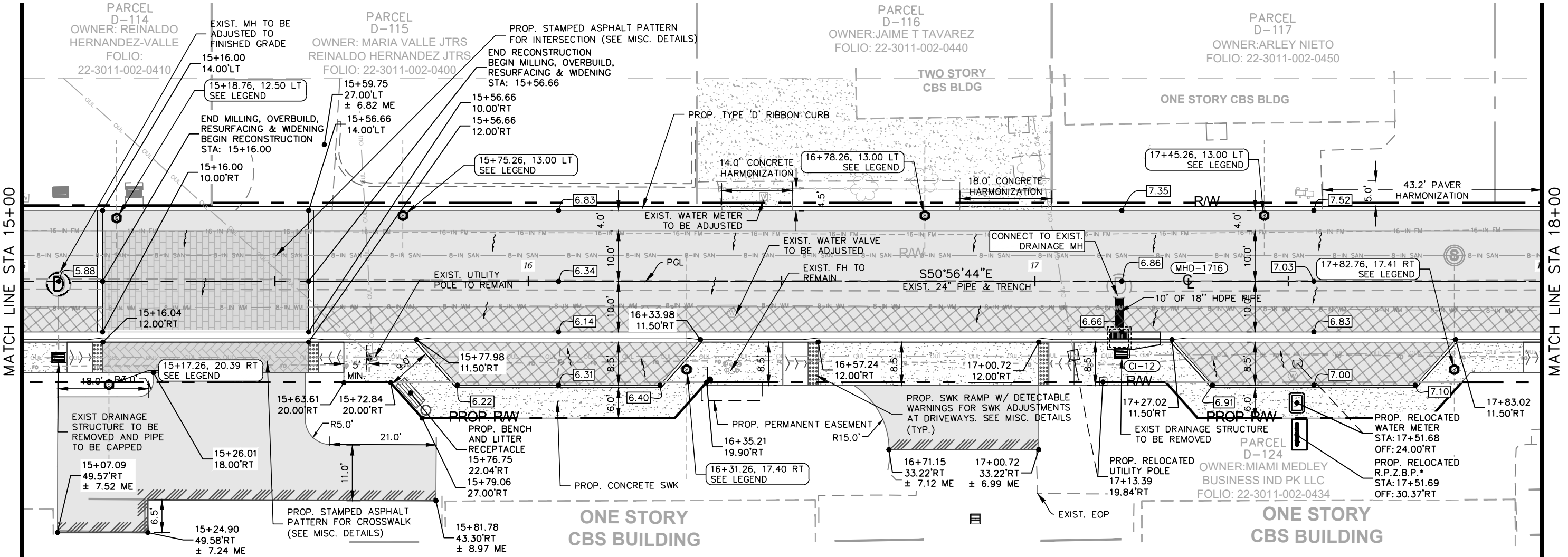
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R-1304


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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS

GRAPHIC SCALE IN FEET
 0 10 20 40
HORIZONTAL
 0 1 2 4
VERTICAL



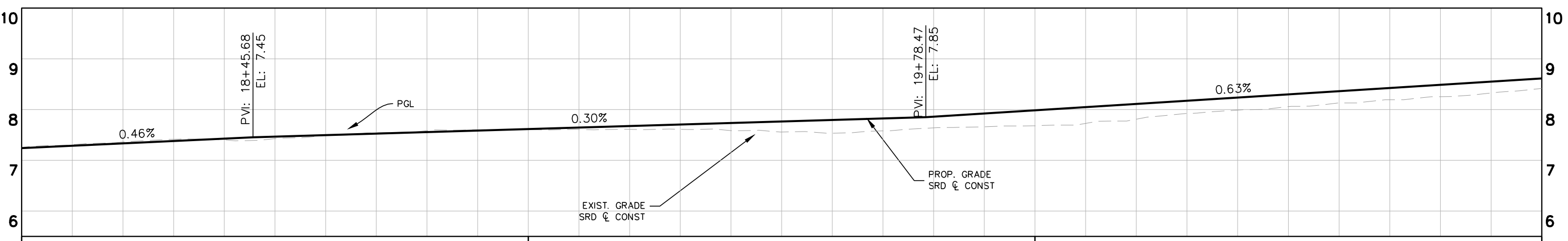
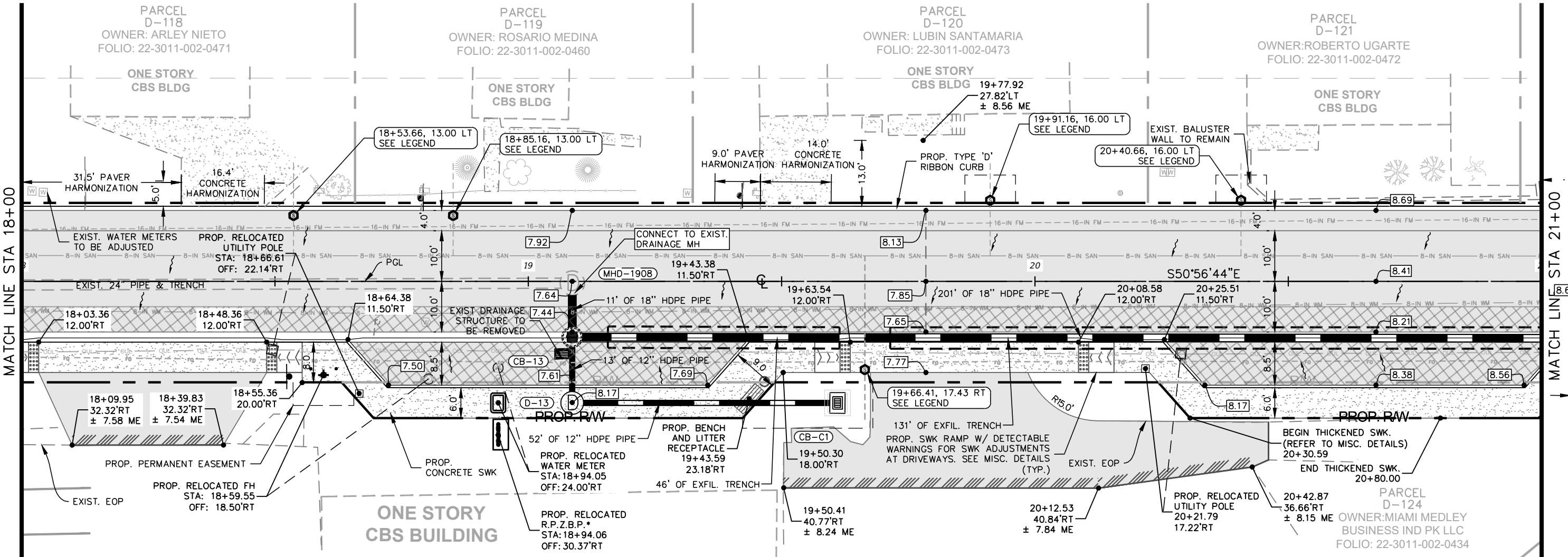
	<h2 style="margin: 0;">Kimley»Horn</h2> <p style="font-size: small; margin: 0;"> © 2018 KIMLEY-HORN AND ASSOCIATES, INC. 355 ALHAMBRA CIRCLE, SUITE 1400, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM CA 00000696 </p>	<p style="font-size: x-small; margin: 0;"> KHA PROJECT 043637031 DATE DEC 2018 SCALE AS SHOWN DESIGNED BY: BJF DRAWN BY: JPG CHECKED BY: BJF </p>	<h3 style="margin: 0;">NWSRD (826-72A) PW-0112</h3> <p style="margin: 0;"> PREPARED FOR TOWN OF MEDLEY TOWN OF MEDLEY FLORIDA </p>	<p style="font-size: x-small; margin: 0;"> LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898 DATE: </p>	<p style="font-size: x-small; margin: 0;"> SHEET NUMBER R-1305 </p>																
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No.	REVISIONS	DATE	BY																		

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LEGEND

MILLING, OVERBUILD & RESURFACING	XX-XX DRAINAGE STR. NAME	PROP. PIPE	CONCRETE SWK	NORTH	GRAPHIC SCALE IN FEET	
MILLING & RESURF.	PROP. MANHOLE	PROP. EXFILTRATION TRENCH	STAMPED ASPHALT		HORIZONTAL	VERTICAL

INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS

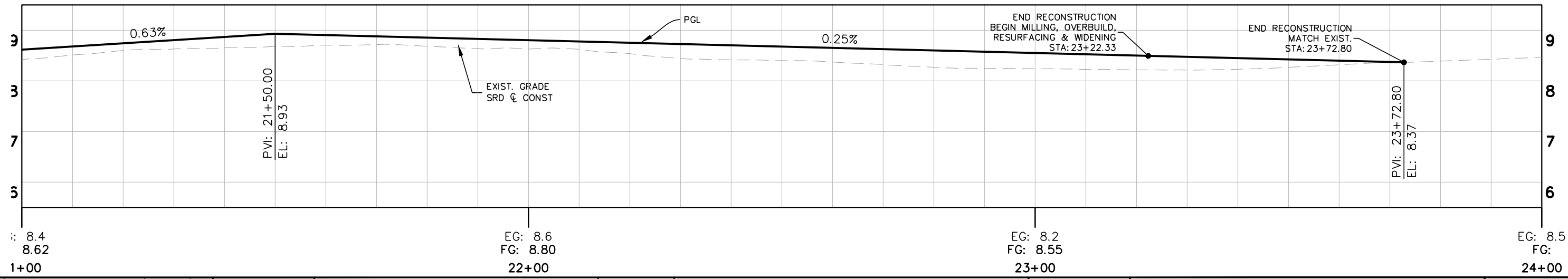
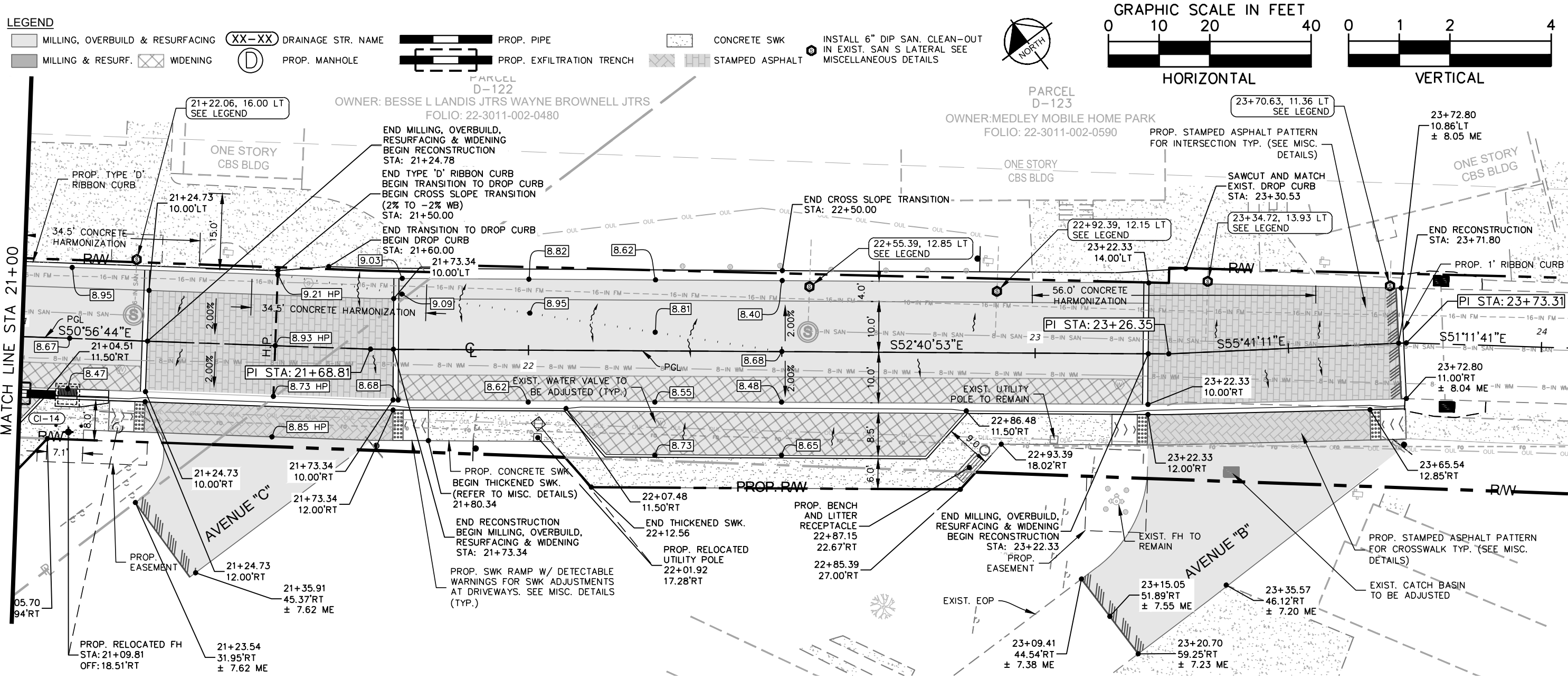


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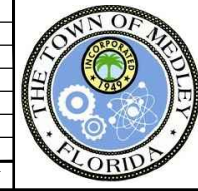
*REDUCED PRESSURE ZONE BACKFLOW PREVENTER (R.P.Z.B.P)

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No. REVISIONS	DATE	BY				

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE AS SHOWN	
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

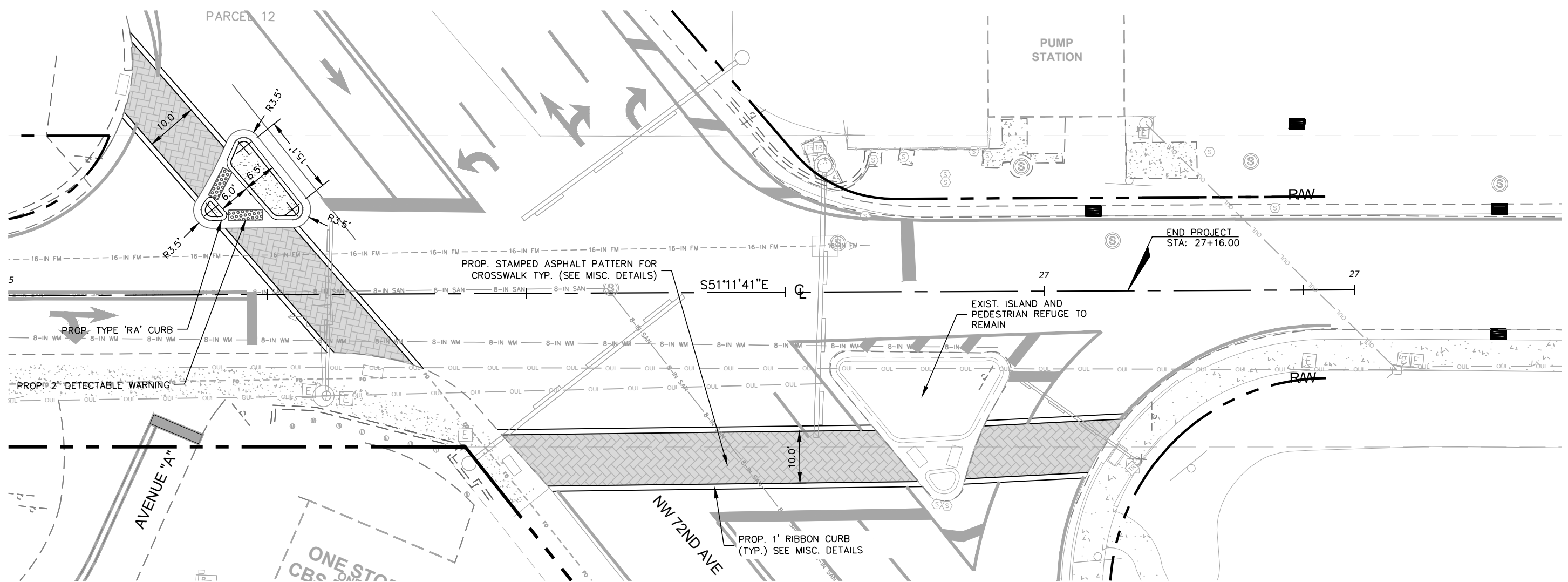
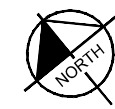
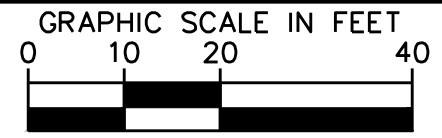
ROADWAY PLAN & PROFILE

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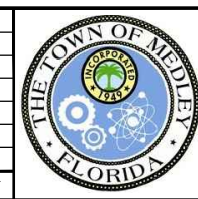
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

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 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	----

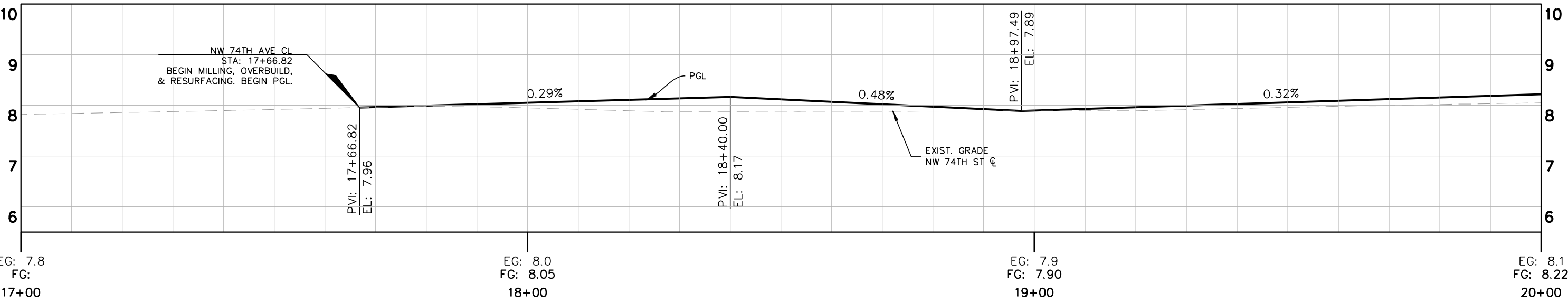
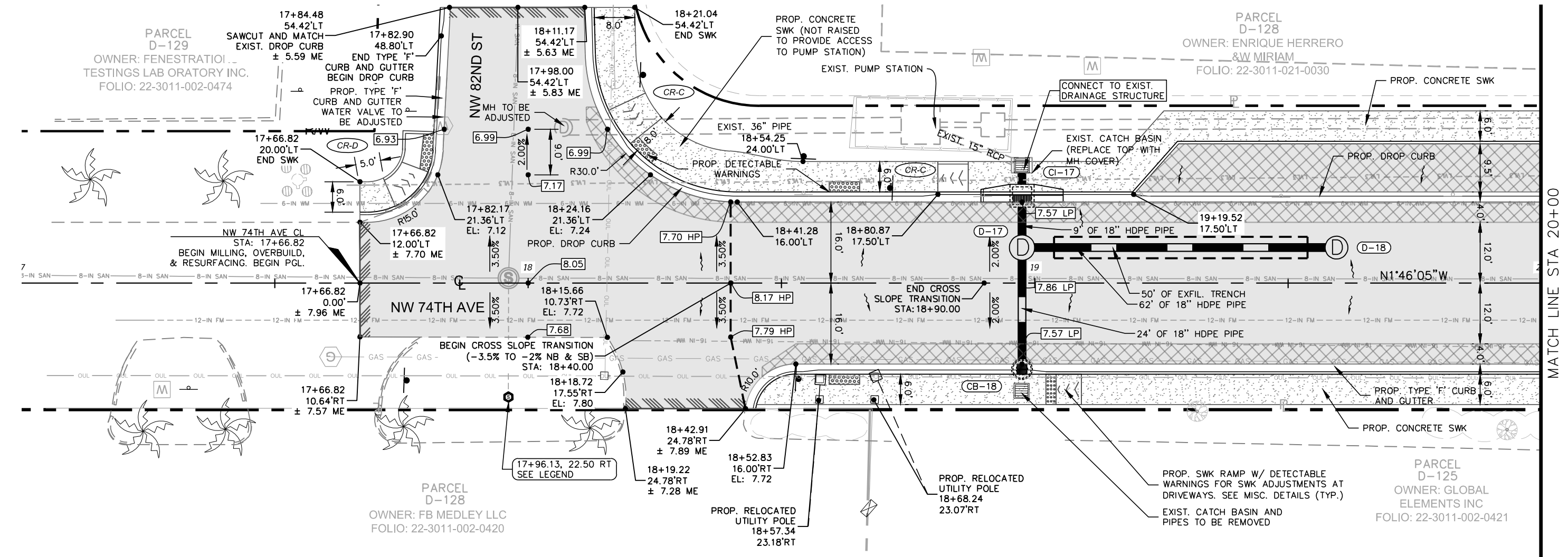
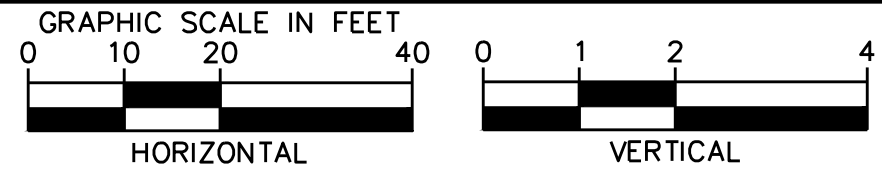
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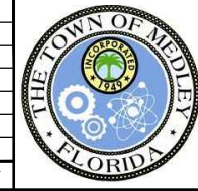
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LEGEND

- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- WIDENING
- DRAINAGE STR. NAME
- PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT
- INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE AS SHOWN	
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112

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TOWN OF MEDLEY FLORIDA

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DATE: _____

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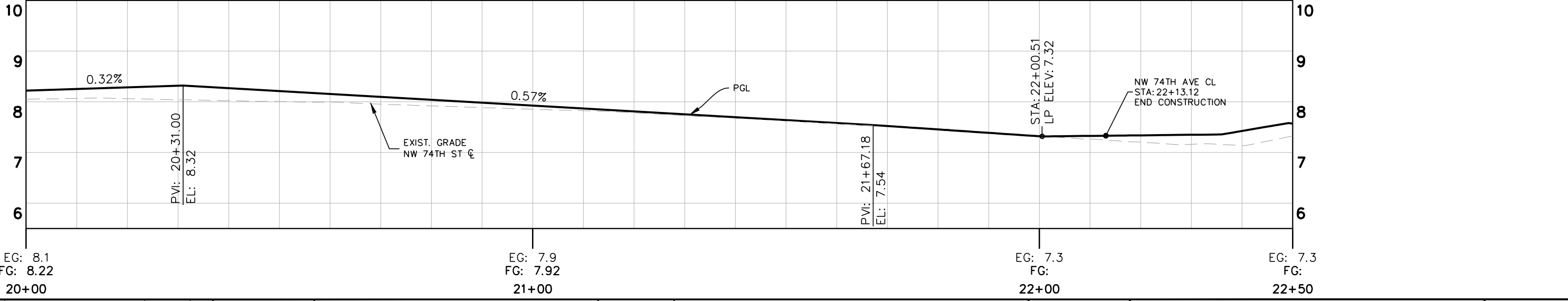
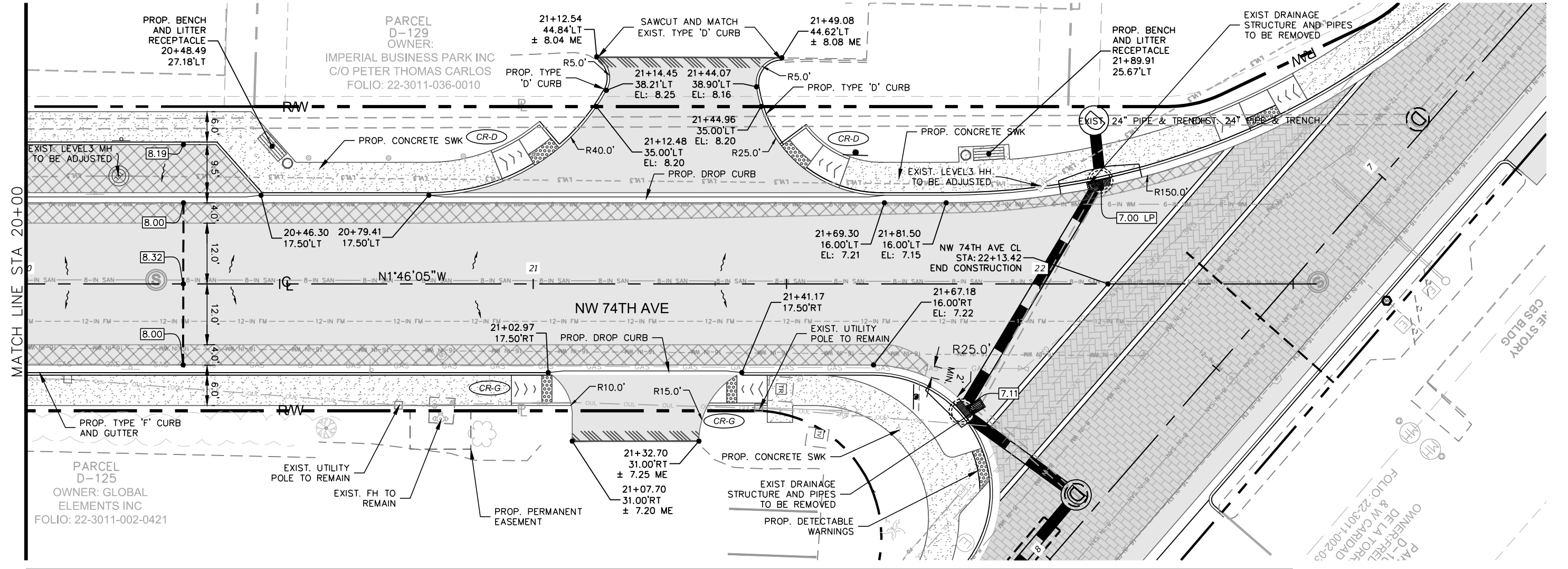
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LEGEND

	MILLING, OVERBUILD & RESURFACING		DRAINAGE STR. NAME		PROP. PIPE		CONCRETE SWK		INSTALL 6" DIP SAN. CLEAN-OUT IN EXIST. SAN S LATERAL SEE MISCELLANEOUS DETAILS
	MILLING & RESURF.		PROP. MANHOLE		PROP. EXFILTRATION TRENCH		STAMPED ASPHALT		
	WIDENING								

GRAPHIC SCALE IN FEET
 HORIZONTAL: 0 10 20 40
 VERTICAL: 0 1 2 4



	<h2 style="margin: 0;">Kimley»Horn</h2> <p style="font-size: small; margin: 0;">© 2018 KIMLEY-HORN AND ASSOCIATES, INC. 355 ALHAMBRA CIRCLE, SUITE 1400, CORAL GABLES, FL 33134 PHONE: 305-673-2025 WWW.KIMLEY-HORN.COM CA 00000696</p>	<p style="font-size: x-small; margin: 0;">KHA PROJECT 043637031 DATE DEC 2018 SCALE AS SHOWN DESIGNED BY B/JF DRAWN BY JPG CHECKED BY B/JF</p>	<h3 style="margin: 0;">NWSRD (826-72A) PW-0112</h3> <p style="margin: 0;">PREPARED FOR TOWN OF MEDLEY</p>	<p style="font-size: x-small; margin: 0;">LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898</p>	<h2 style="margin: 0;">ROADWAY PLAN & PROFILE</h2>	<p style="font-size: x-small; margin: 0;">SHEET NUMBER R-1310</p>																
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No.	REVISIONS	DATE	BY																			

STRUCTURE TABLE						
STATION	OFFSET FT	ALIGNMENT	STR. NO.	DESCRIPTION	CONNECTED PIPES	BOTTOM ELEV.
2+62.62	8.13 RT	SRD CL CONST	CI-01	CURB INLET TYPE J-6 (5'WX10'L) CUT IN AND CONNECT TO EXIST. 24" PIPE	INV: 1.00 (SE) - EXIST. 24" PIPE INV: 1.00 (NW) - EXIST. 24" PIPE	-1.50
4+90.00	15.00 LT	SRD CL CONST	CB-02	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 3.90 (SE) - 24" HDPE	-0.07
5+94.66	2.68 RT	SRD CL CONST	D-03	MH TYPE P-8 (4.0' DIA) INDEX NO'S 200-201 CONNECT TO EXIST 24" PIPE (NW) CONNECT TO EXIST 24" PIPE (SE)	INV: 3.46 (NE) - 18" HDPE INV: 0.06 (SW) - 18" HDPE INV: 1.05 (SE) - EXIST. 24" PIPE & TRENCH INV: 1.05 (NW) - EXIST. 24" PIPE & TRENCH	-3.44
5+94.66	15.00 LT	SRD CL CONST	CB-03B	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 3.46 (SW) - 18" HDPE INV: 3.46 (NE) - 18" HDPE INV: 3.38 (NW) - 24" HDPE	1.62
5+94.66	11.00 RT	SRD CL CONST	CB-03	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 0.06 (NE) - 18" HDPE	-2.30
7+28.94	50.25 RT	SRD CL CONST	D-00	MH TYPE J-8 (5' DIA) INDEX NO'S 200-201 CONNECT TO EXIST 24" PIPE (S) CONNECT TO EXIST 24" PIPE (N)	INV: 0.32 (E) - 24" HDPE INV: 2.00 (N) - EXIST. 24" PIPE & TRENCH INV: 2.00 (S) - EXIST. 24" PIPE & TRENCH	-3.18
7+37.04	41.53 RT	SRD CL CONST	CI-05	TYPE P-6 CUSTOM CURB INLET (4' DIA) ON CURVE W/ INVERTED BAFFLE (W) INDEX 200 & 211	INV: -5.01 (SE) - 24" HDPE INV: 0.18 (W) - 24" HDPE	-7.01
7+89.42	32.25 RT	SRD CL CONST	CI-06	TYPE J-5 CUSTOM CURB INLET (5' DIA) ON CURVE INDEXES 200 & 211	INV: -4.85 (NW) - 24" HDPE INV: 1.57 (NE) - 24" HDPE	-6.85
8+88.69	11.25 RT	SRD CL CONST	CI-07	TYPE P-5 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: -2.25 (NE) - 18" HDPE	-4.25
8+88.69	15.00 LT	SRD CL CONST	CB-07B	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -2.25 (SW) - 18" HDPE INV: 3.58 (E) - 12" HDPE	-4.25
8+88.71	1.84 RT	SRD CL CONST	D-07	MH TYPE P-8 (4.0' DIA) INDEX NO'S 200-201	INV: 0.40 (NW) - 24" HDPE INV: -0.85 (SE) - 24" HDPE INV: -2.25 (NE) - 18" HDPE INV: -2.25 (SW) - 18" HDPE	-5.75
8+96.90	22.10 LT	SRD CL CONST	YD-01	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: 3.68 (W) - 12" HDPE	3.18
9+83.48	11.25 RT	SRD CL CONST	CI-08	TYPE P-6 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: -0.75 (NE) - 18" HDPE	-3.71
9+83.51	15.00 LT	SRD CL CONST	CB-08	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -1.77 (SW) - 18" HDPE	-3.77
9+83.51	0.44 RT	SRD CL CONST	D-08	MH TYPE J-8 (5' DIA) INDEX 200 & 201 CONNECT TO EXIST 24" PIPE (SE)	INV: -0.85 (NW) - 24" HDPE INV: -0.75 (SW) - 18" HDPE INV: -1.76 (NE) - 18" HDPE INV: -0.85 (SE) - EXIST. 24" PIPE & TRENCH	-5.26
10+99.89	16.00 LT	SRD CL CONST	YD-03	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: -0.41 (SW) - 12" HDPE	-0.91
10+99.89	11.00 RT	SRD CL CONST	CB-09	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -0.41 (NE) - 18" HDPE	-1.91
13+23.78	11.00 RT	SRD CL CONST	CB-10	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: -0.07 (NE) - 18" HDPE	-2.07

STRUCTURE TABLE						
STATION	OFFSET FT	ALIGNMENT	STR. NO.	DESCRIPTION	CONNECTED PIPES	BOTTOM ELEV.
14+89.67	11.25 RT	SRD CL CONST	CI-11	TYPE P-6 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: -0.68 (NE) - 18" HDPE	-3.92
14+89.67	16.00 LT	SRD CL CONST	YD-04	12" YARD DRAIN (NYLOPLAST DRAIN BASIN W/ STD GRATE OR APPROVED EQUAL)	INV: -1.51 (SW) - 12" HDPE	-2.01
14+89.67	0.50 RT	SRD CL CONST	D-11	MH TYPE P-8 (4' DIA) INDEX 200 & 201 CONNECT TO EXIST 24" PIPE (NW) CONNECT TO EXIST 24" PIPE (SE)	INV: -0.72 (SW) - 18" HDPE INV: -1.49 (NE) - 12" HDPE INV: 0.64 (NW) - EXIST. 24" PIPE & TRENCH INV: -0.82 (SE) - EXIST. 24" PIPE & TRENCH	-4.99
17+16.64	11.25 RT	SRD CL CONST	CI-12	TYPE P-5 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: 0.00 (NE) - 18" HDPE	-2.87
19+08.66	24.00 RT	SRD CL CONST	D-13	MH TYPE P-8 (3.5' DIA) INDEX 200 & 201	INV: 3.55 (SE) - 12" HDPE INV: 2.75 (NE) - 12" HDPE	0.75
19+08.66	11.00 RT	SRD CL CONST	CB-13	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 2.50 (SE) - 18" HDPE INV: 0.74 (NE) - 18" HDPE INV: 2.75 (SW) - 12" HDPE	-2.76
19+61.00	24.00 RT	SRD CL CONST	CB-C1	PRECAST DITCH BOTTOM INLET TYPE C (INDEX 232)	INV: 4.12 (NW) - 12" HDPE	2.12
21+09.39	11.25 RT	SRD CL CONST	CI-14	TYPE P-5 CURB INLET (3.5' DIA) INDEXES 200 & 211	INV: 2.50 (NW) - 18" HDPE	0.50

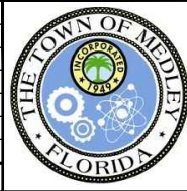
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18+97.49	17.25 LT	NW 74TH AVE CL	CI-17	TYPE P-6 CURB INLET (4' DIA) INDEXES 200 & 211 WITH INVERTED BAFFLE (W)	INV: 2.70 (E) - 18" HDPE INV: 0.68 (W) - 18" HDPE	-1.95
18+97.49	7.00 LT	NW 74TH AVE CL	D-17	MH TYPE P-8 (4' DIA) INDEX 200 & 201	INV: 2.73 (E) - 18" HDPE INV: 2.90 (N) - 18" HDPE INV: 2.70 (W) - 18" HDPE	-0.80
18+97.49	17.00 RT	NW 74TH AVE CL	CB-18	TYPE 'V' CATCH BASIN GUTTER INLET (D-4 BOTTOM) PER CITY OF MIAMI STANDARD DETAILS SD-4 & SD-7	INV: 2.73 (W) - 18" HDPE	0.73
19+59.56	7.00 LT	NW 74TH AVE CL	D-18	MH TYPE P-8 (3.5' DIA) INDEX 200 & 201	INV: 2.59 (S) - 18" HDPE	0.59

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
2+37.39	11.16 LT	SRD CL CONST
4+59.89	14.86 LT	SRD CL CONST
7+17.88	16.69 LT	SRD CL CONST
8+82.43	18.79 LT	SRD CL CONST
9+63.78	19.25 LT	SRD CL CONST
10+12.78	19.44 LT	SRD CL CONST
10+76.68	17.35 RT	SRD CL CONST
10+86.26	12.50 LT	SRD CL CONST
11+70.26	12.50 LT	SRD CL CONST
12+09.76	12.50 LT	SRD CL CONST
12+90.26	12.50 LT	SRD CL CONST

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
13+46.26	12.50 LT	SRD CL CONST
13+69.26	17.38 RT	SRD CL CONST
13+79.26	12.50 LT	SRD CL CONST
15+17.26	20.39 RT	SRD CL CONST
15+18.76	12.50 LT	SRD CL CONST
15+75.26	13.00 LT	SRD CL CONST
16+31.26	17.40 RT	SRD CL CONST
16+78.26	13.00 LT	SRD CL CONST
17+45.26	13.00 LT	SRD CL CONST
17+82.76	17.41 RT	SRD CL CONST
17+96.13	22.50 RT	NW 74TH AVE CL

SAN. CLEAN-OUTS TABLE		
STATION	OFFSET FT	ALIGNMENT
18+53.66	13.00 LT	SRD CL CONST
18+85.16	13.00 LT	SRD CL CONST
19+66.41	17.43 RT	SRD CL CONST
19+91.16	16.00 LT	SRD CL CONST
20+40.66	16.00 LT	SRD CL CONST
21+22.06	16.00 LT	SRD CL CONST
22+55.39	12.85 LT	SRD CL CONST
22+92.39	12.15 LT	SRD CL CONST
23+34.72	13.93 LT	SRD CL CONST
23+70.63	11.36 LT	SRD CL CONST

No.	REVISIONS	DATE	BY



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 PHONE: 305-673-2025
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
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LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
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DATE:	

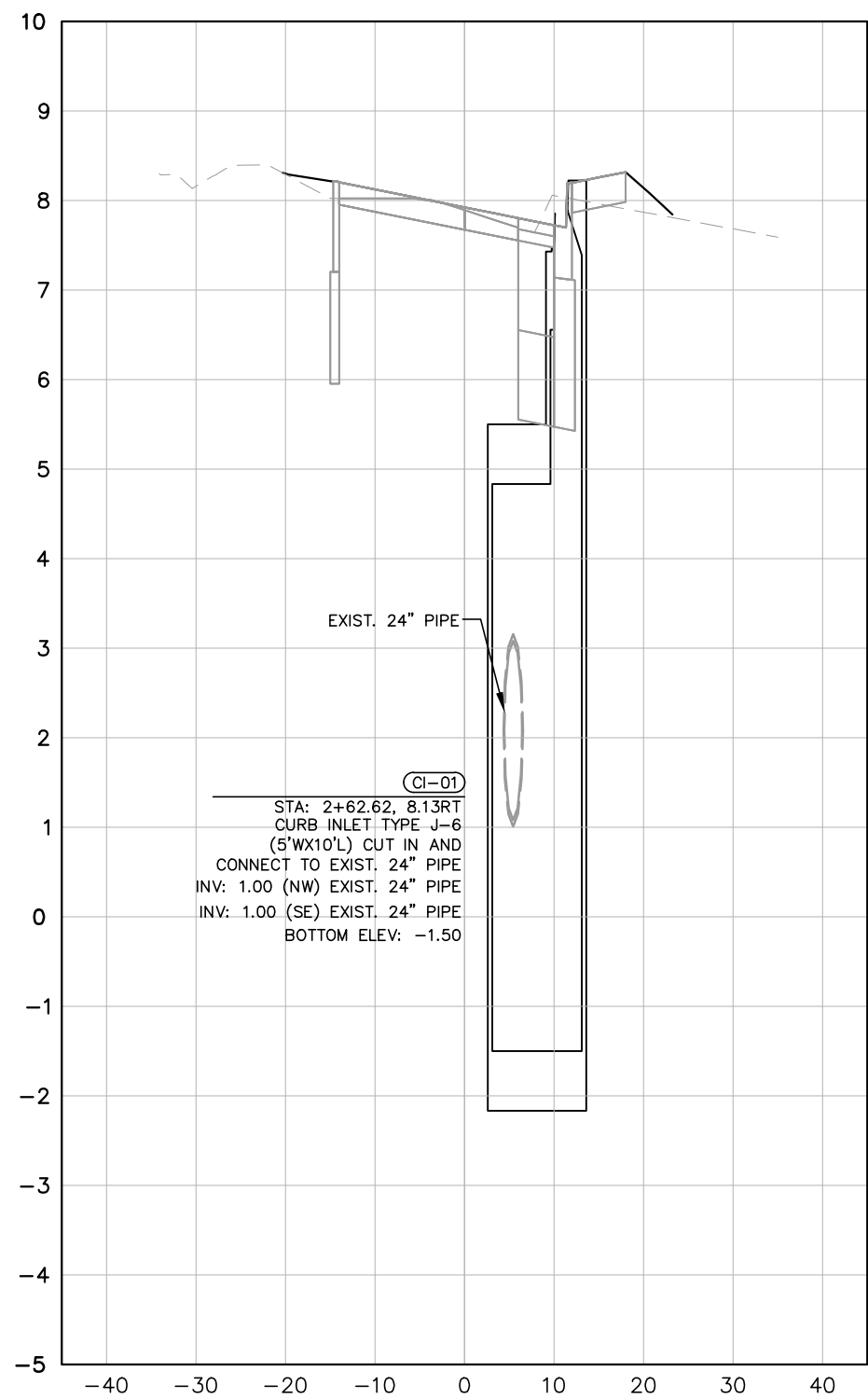
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SHEET NUMBER
R-1400

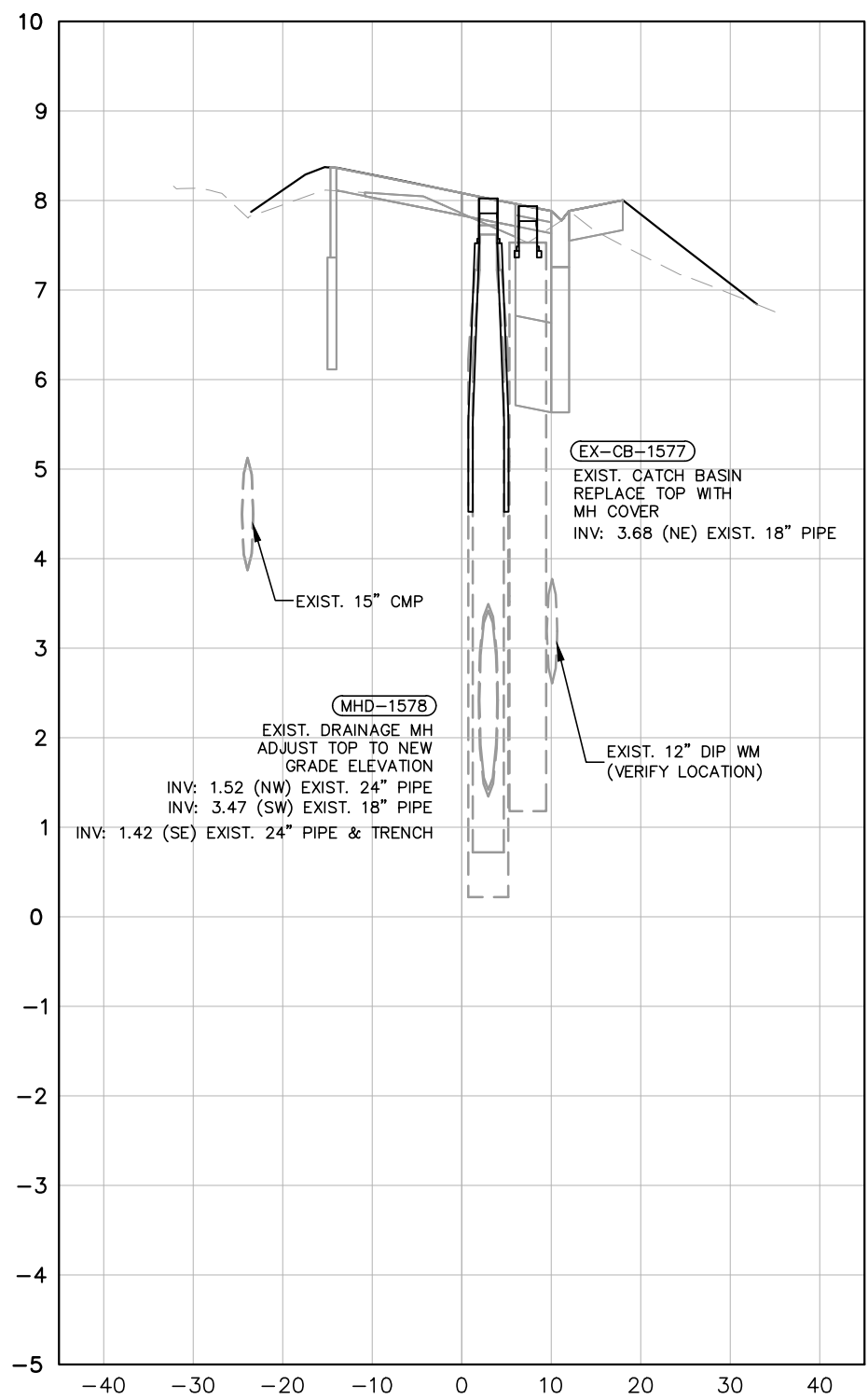
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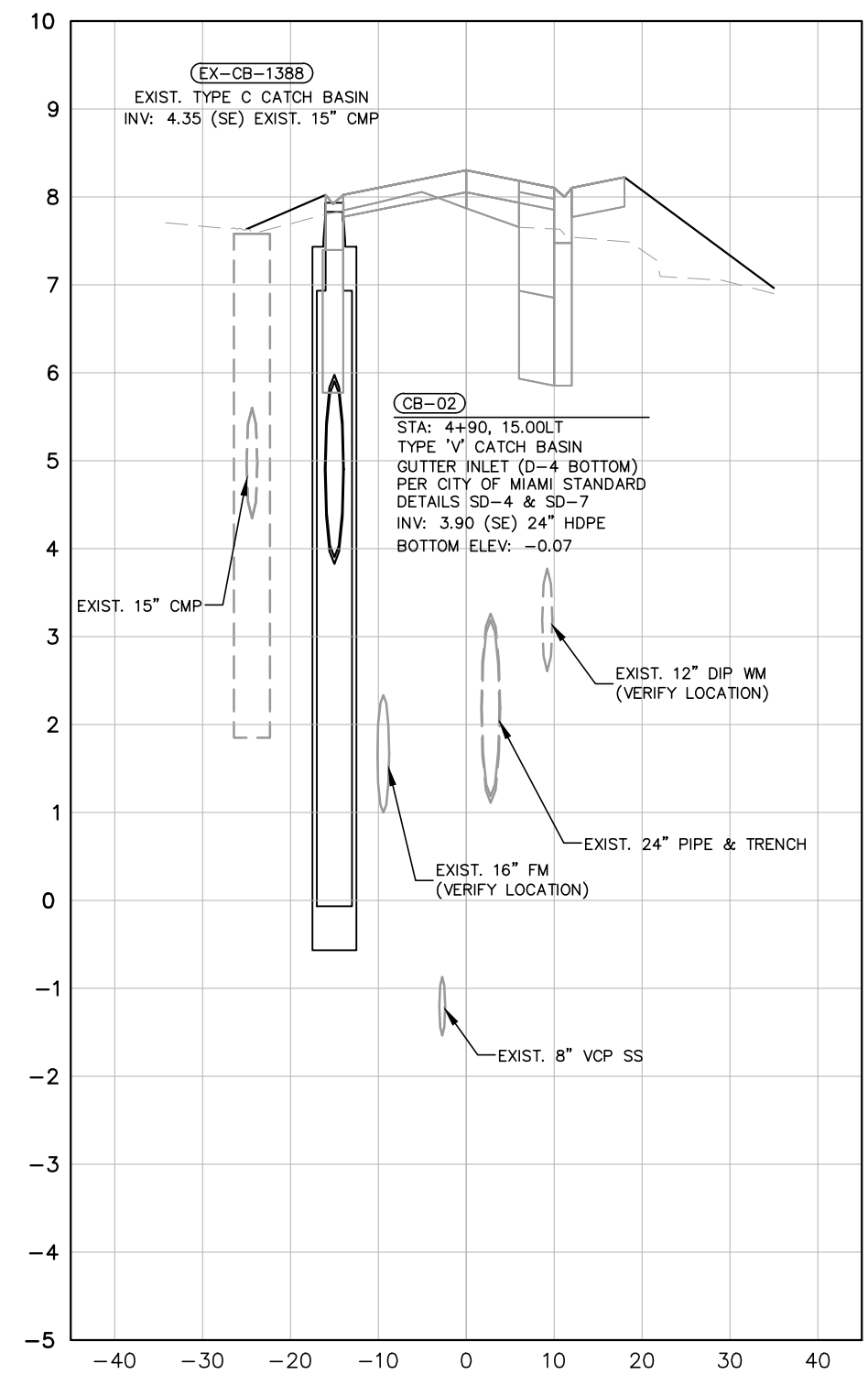
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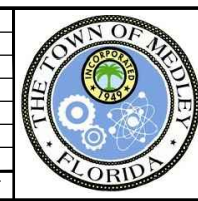
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SRD CL CONST 4+90



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112
 PREPARED FOR
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 TOWN OF MEDLEY
 FLORIDA

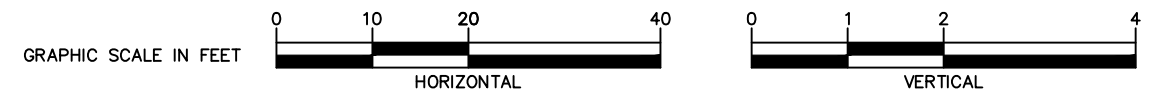
LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: _____

DRAINAGE STRUCTURES

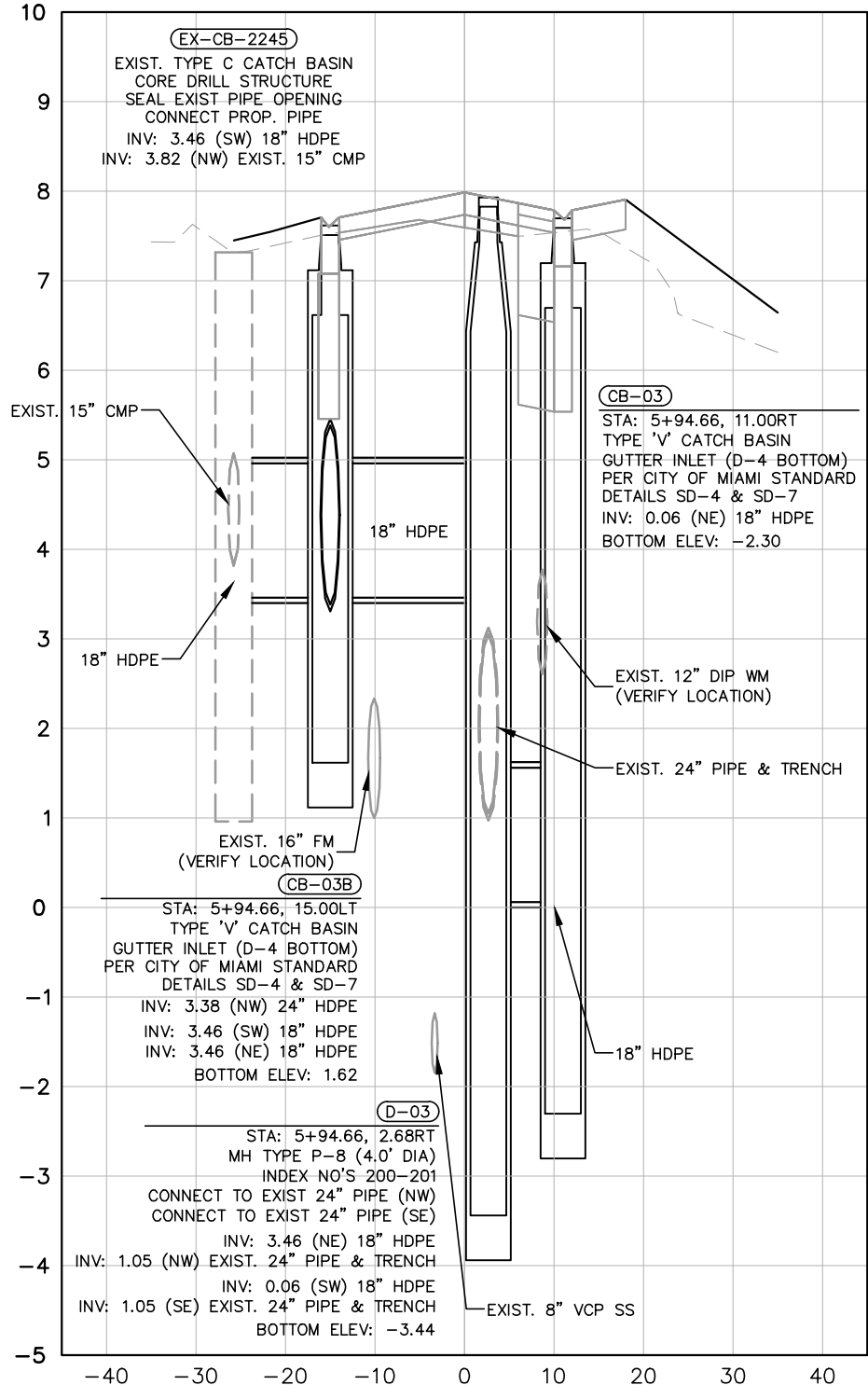
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R-1401

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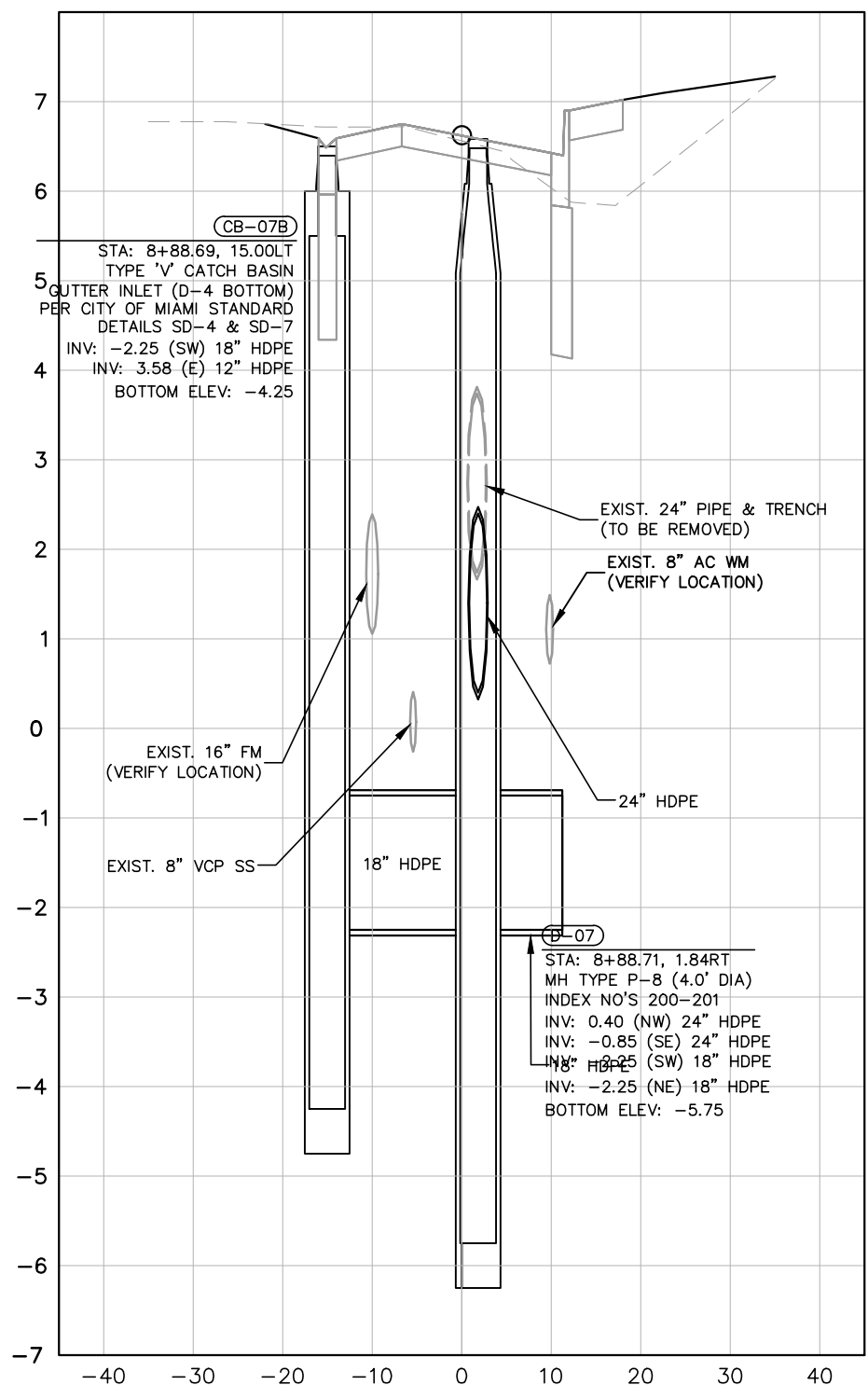
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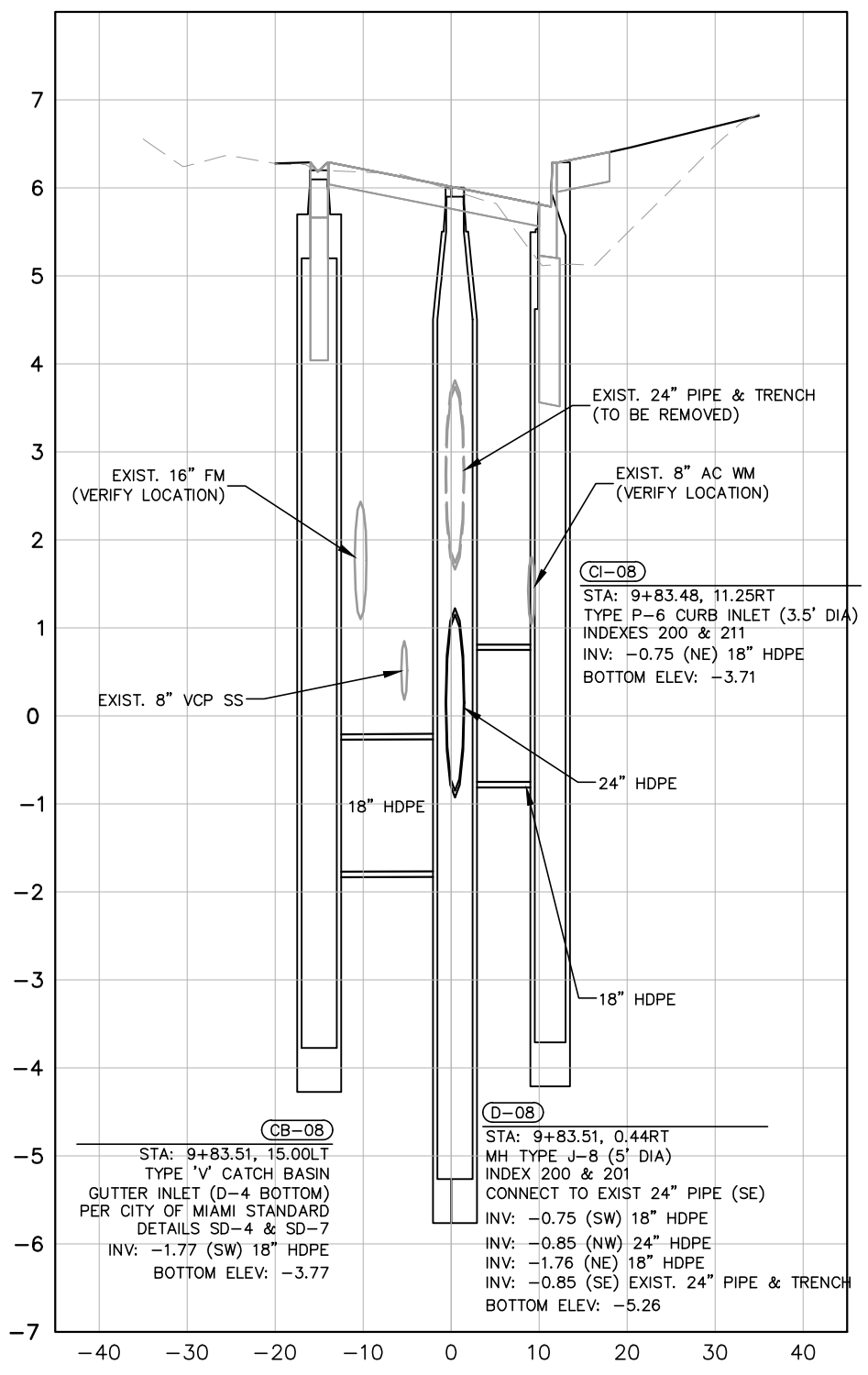
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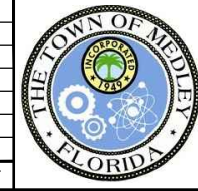
SRD CL CONST 8+88.69



SRD CL CONST 9+83.48



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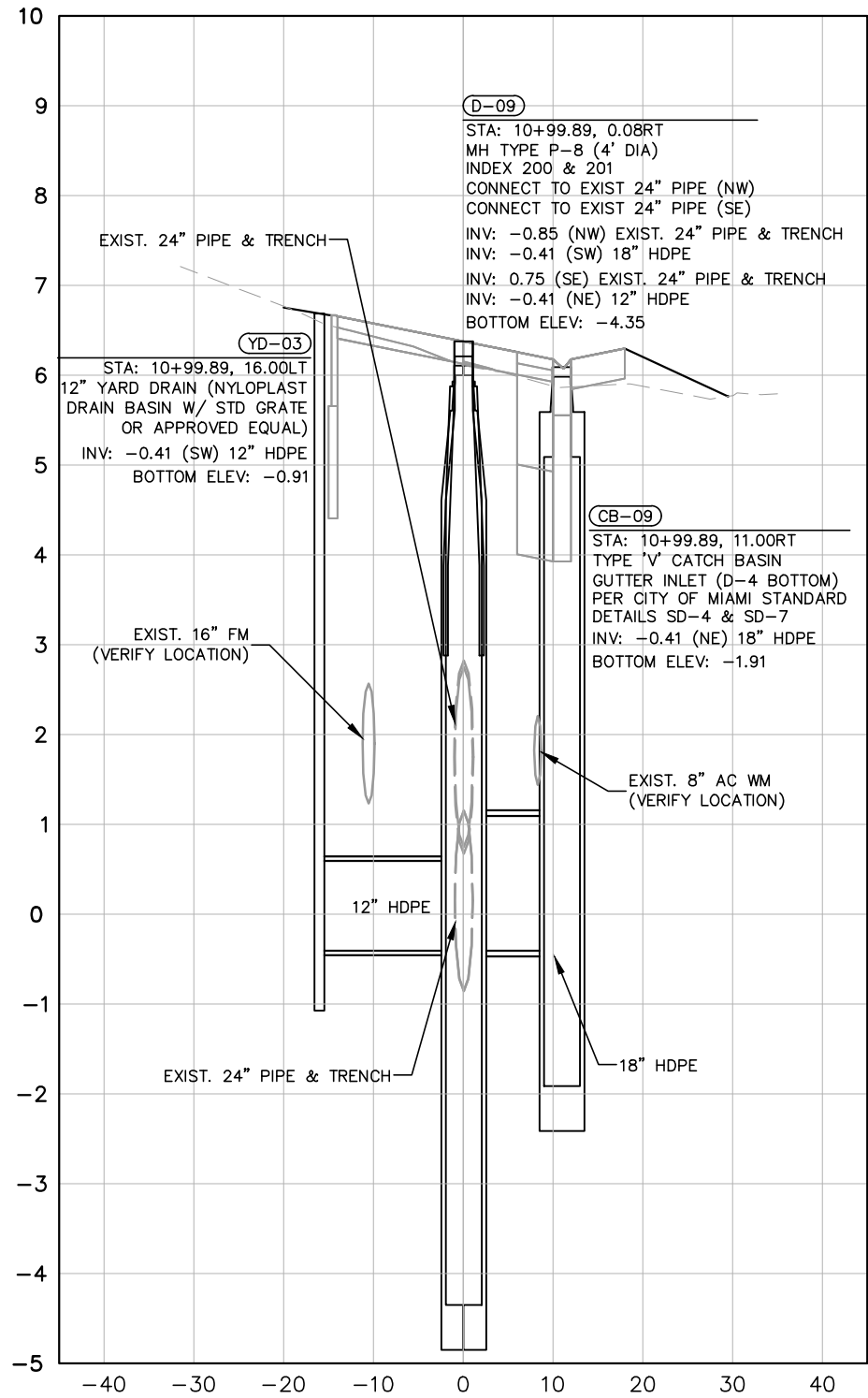
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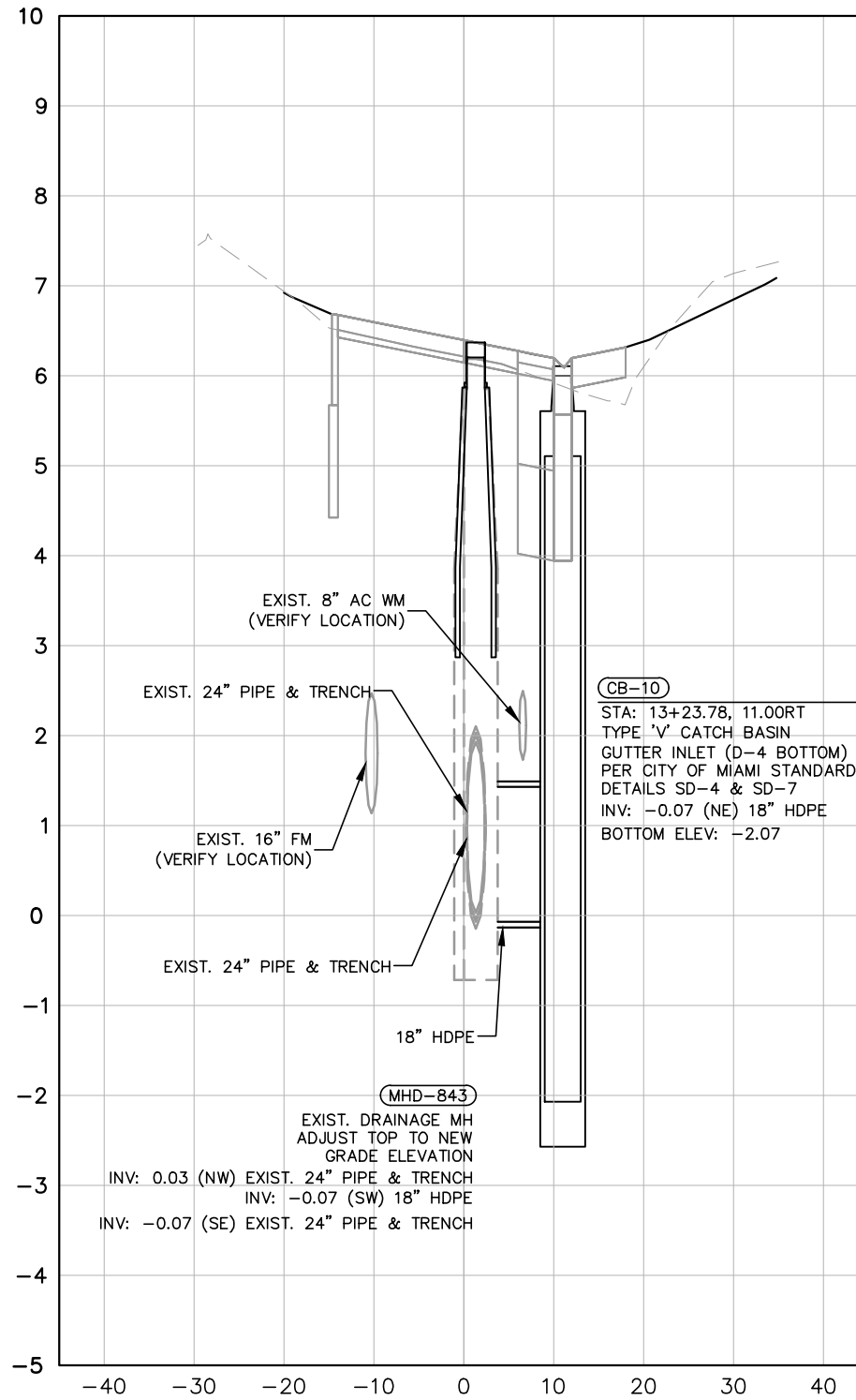
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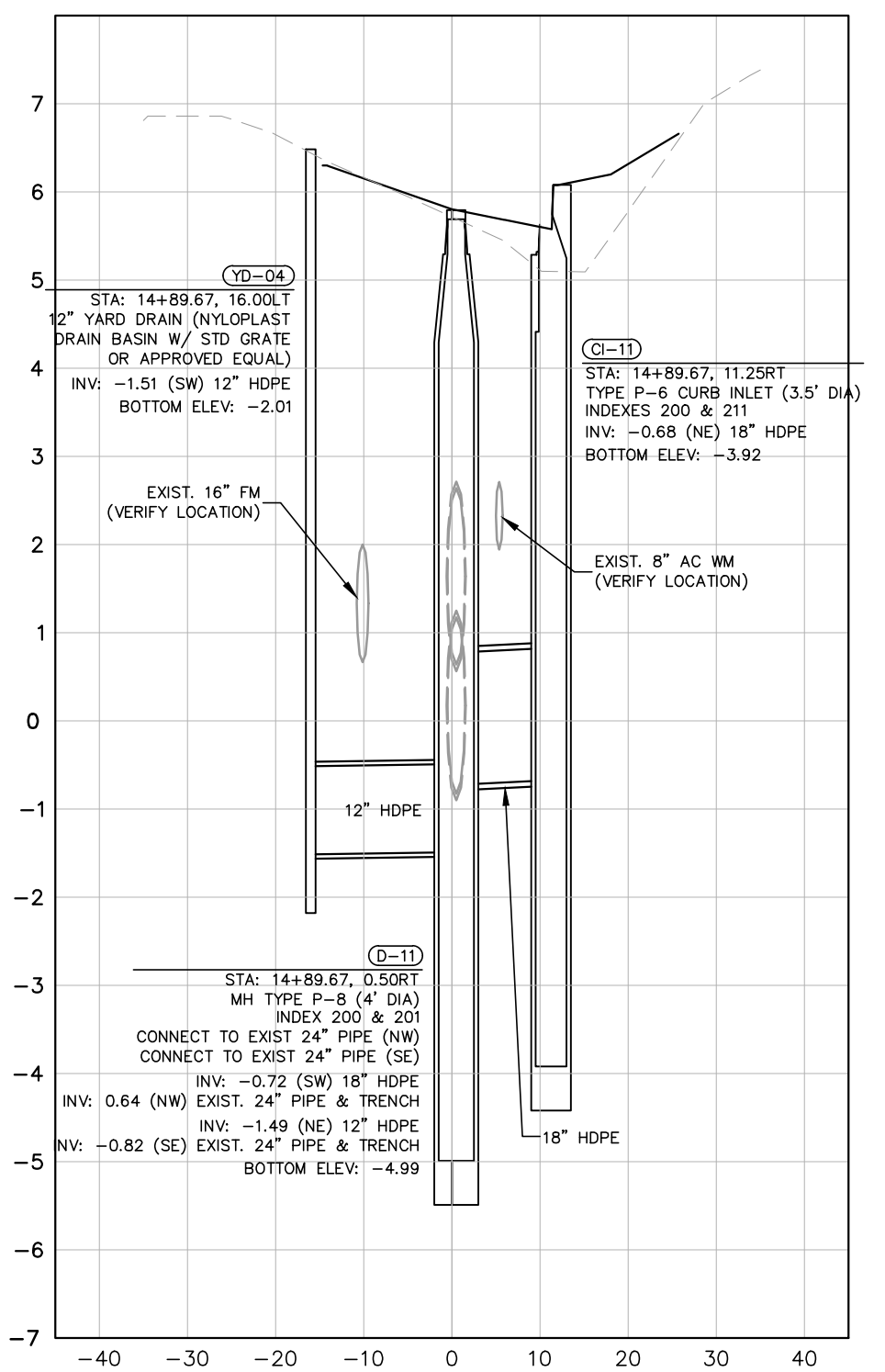
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SRD CL CONST 13+23.78



SRD CL CONST 14+89.67



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DATE DEC 2018
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DATE: _____

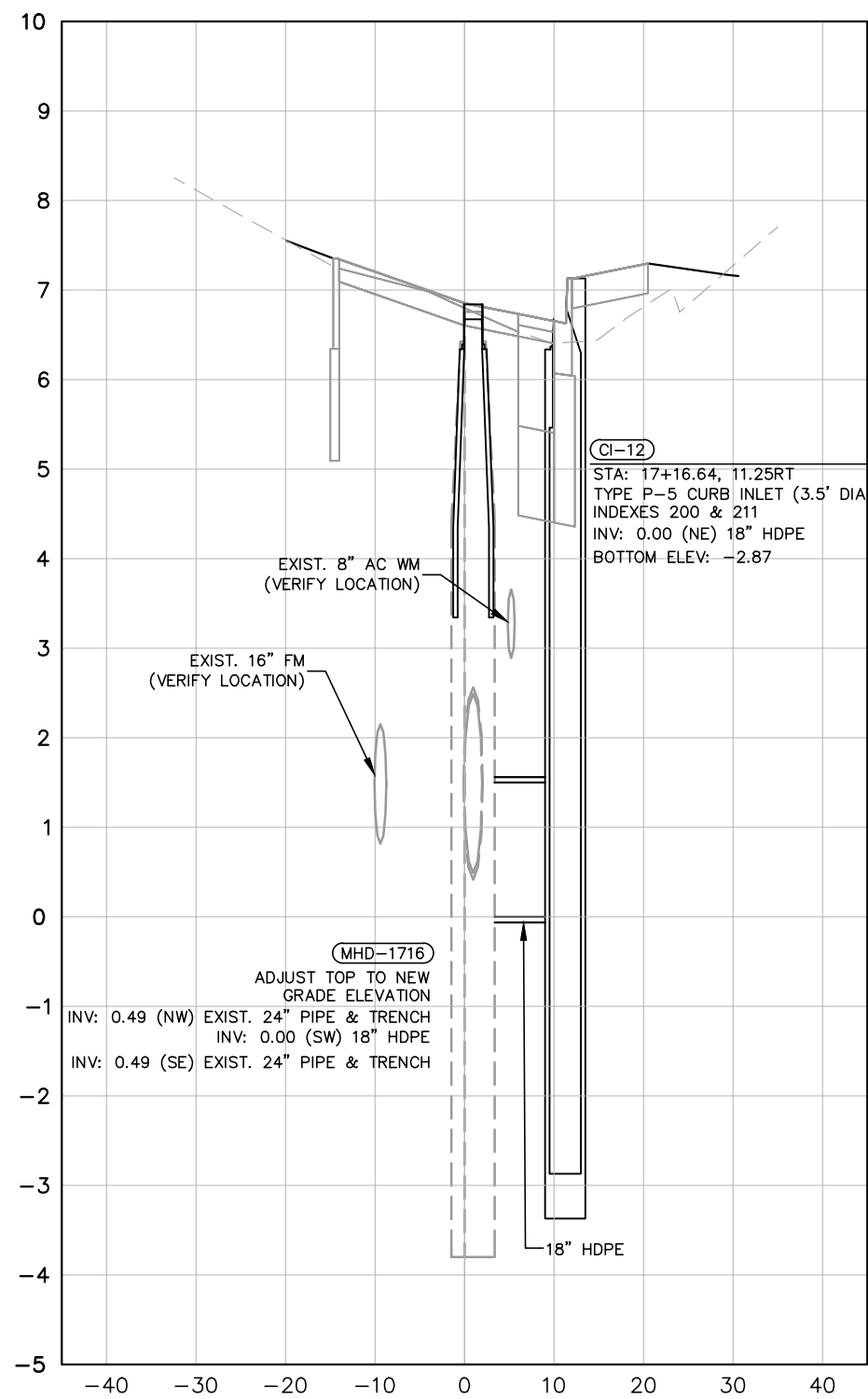
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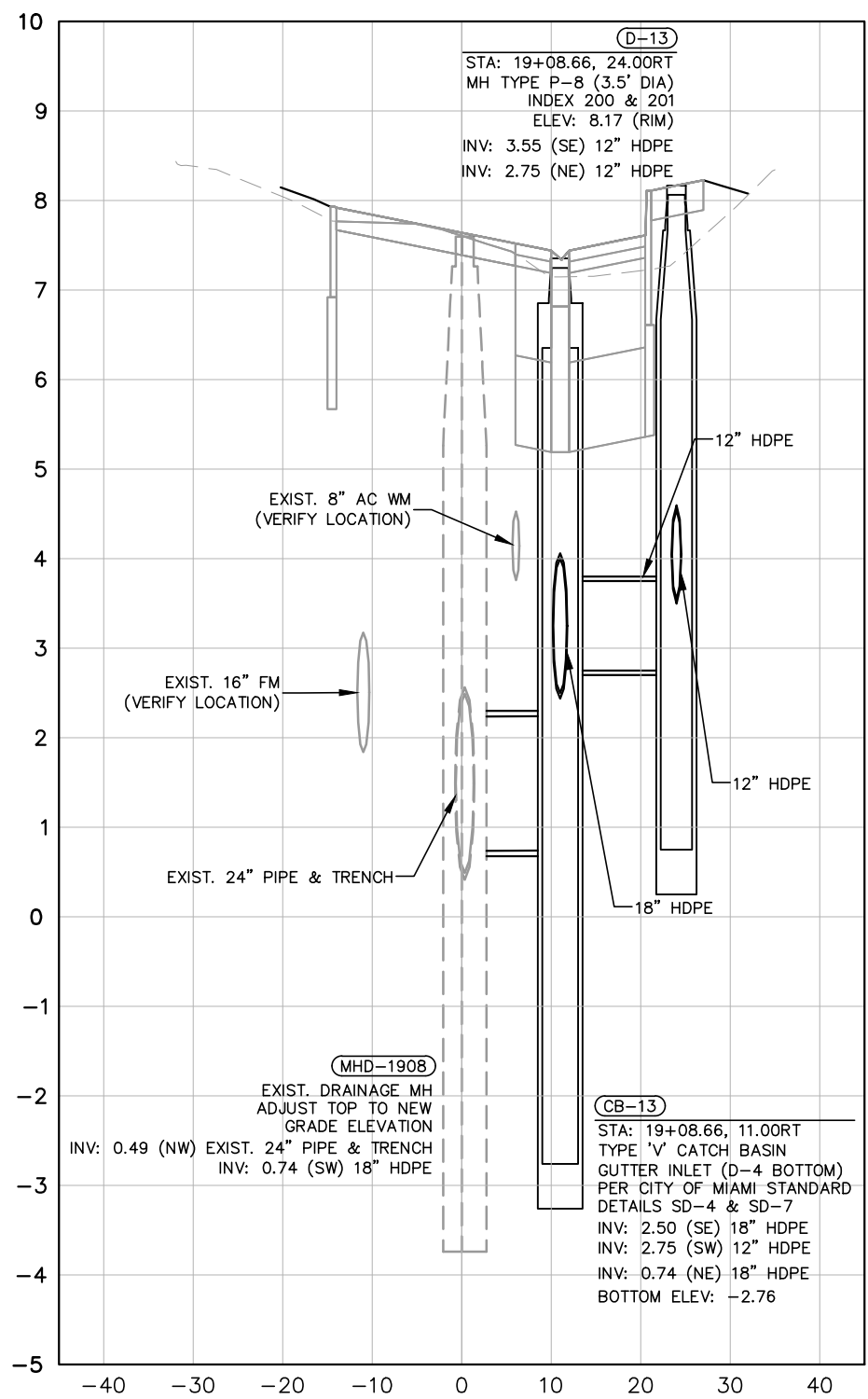
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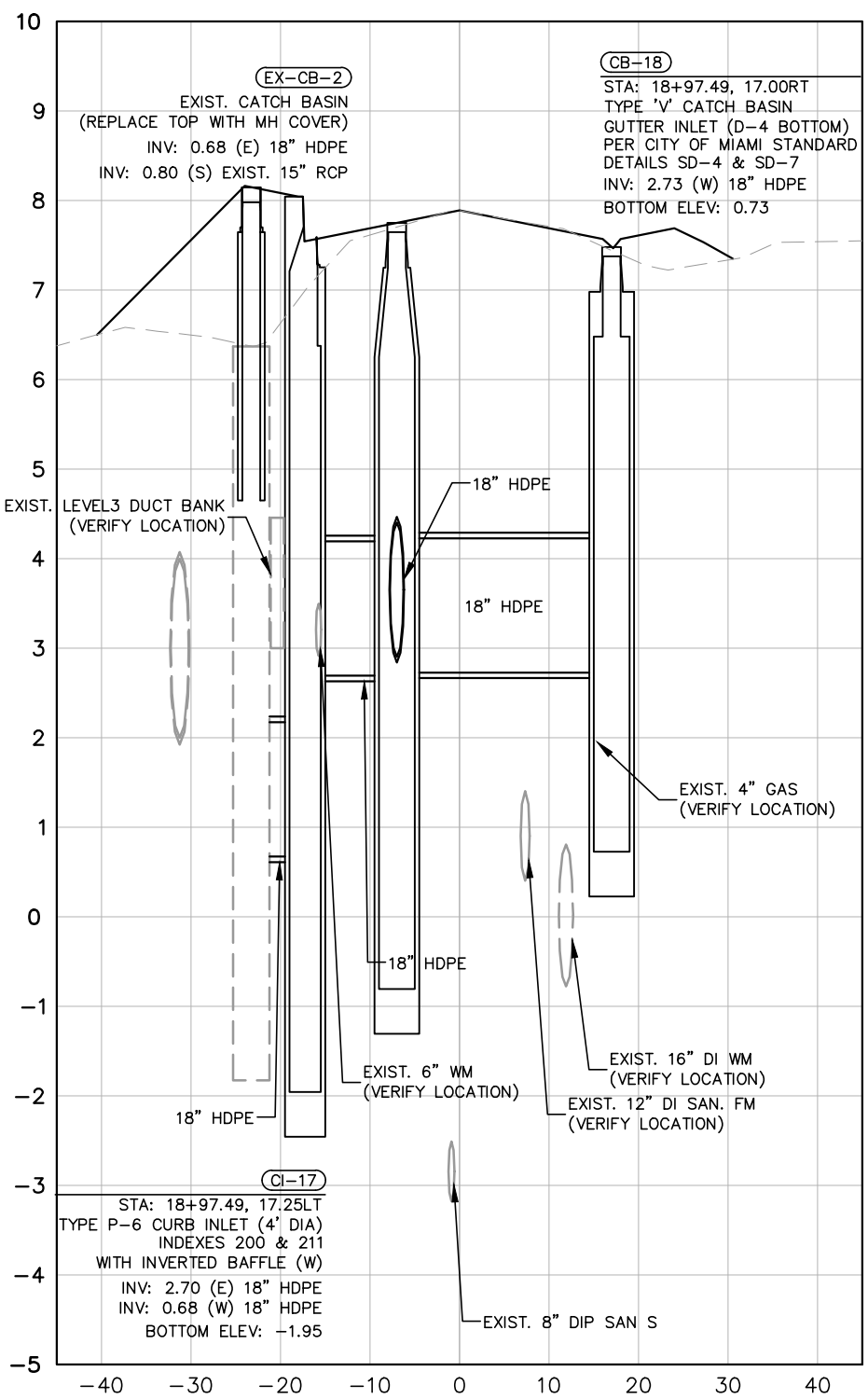
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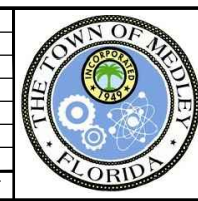
SRD CL CONST 19+08.66



NW 74TH AVE CL 18+97.49



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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
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CHECKED BY BJF

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TOWN OF MEDLEY
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 FLORIDA

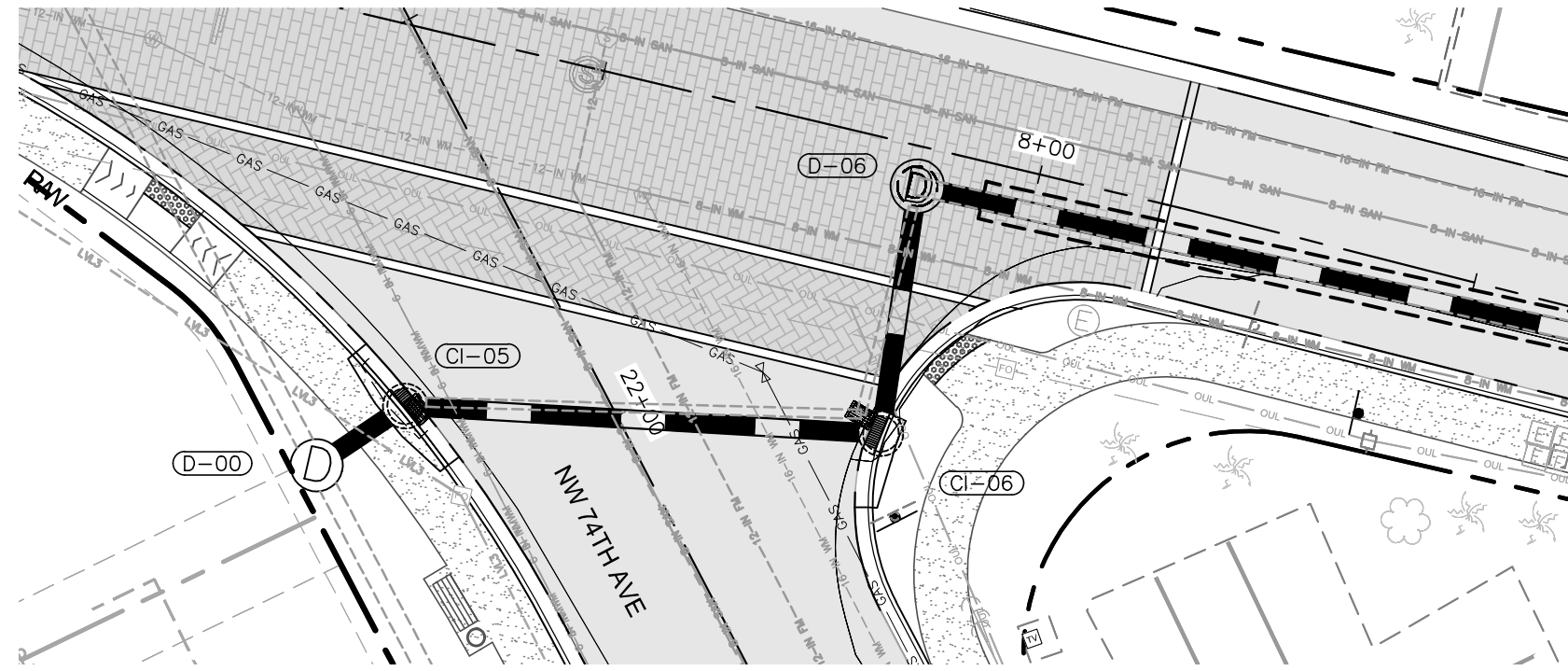
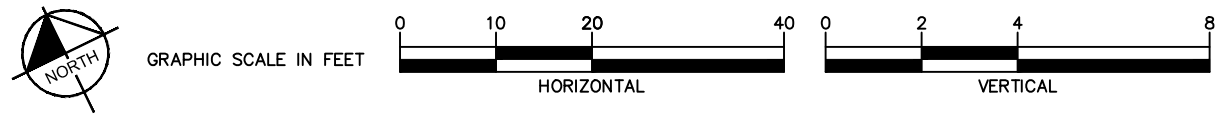
LICENSED PROFESSIONAL BARTON J. FYE, P.E. 73898
DATE: _____

DRAINAGE STRUCTURES

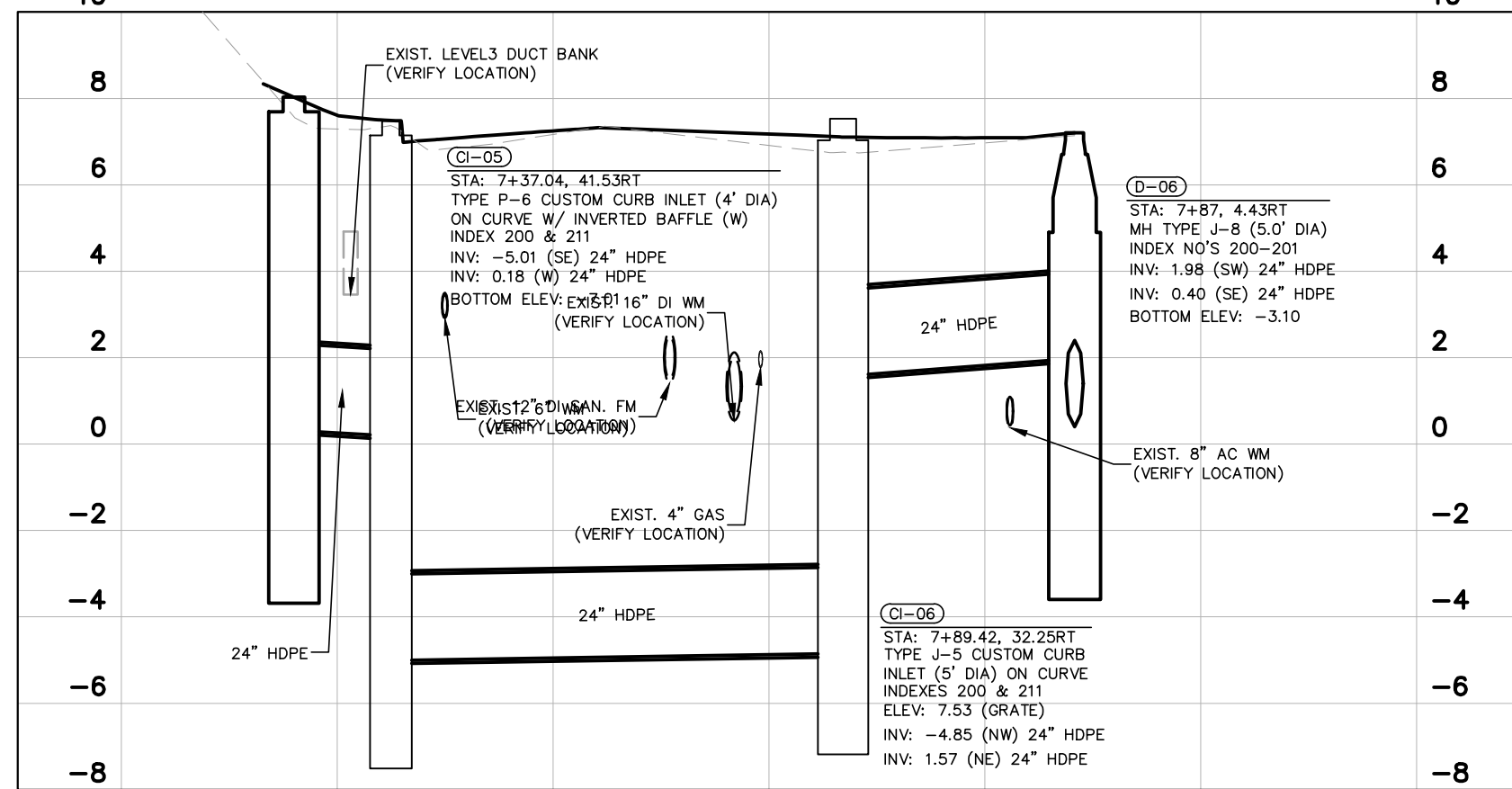
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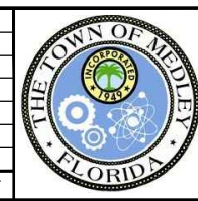
- MILLING, OVERBUILD & RESURFACING
- MILLING & RESURF.
- XX-XX DRAINAGE STR. NAME
- D PROP. MANHOLE
- PROP. PIPE
- PROP. EXFILTRATION TRENCH
- CONCRETE SWK
- STAMPED ASPHALT



D-00
 STA: 7+28.94, 50.25RT
 MH TYPE J-8 (5' DIA)
 INDEX NO'S 200-201
 CONNECT TO EXIST 24" PIPE (S)
 CONNECT TO EXIST 24" PIPE (N)
 INV: 0.32 (E) 24" HDPE
 INV: 2.00 (N) EXIST. 24" PIPE & TRENCH
 INV: 2.00 (S) EXIST. 24" PIPE & TRENCH
 BOTTOM ELEV: -3.18



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KHA PROJECT
 043637031
 DATE
 DEC 2018
 SCALE AS SHOWN
 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE:

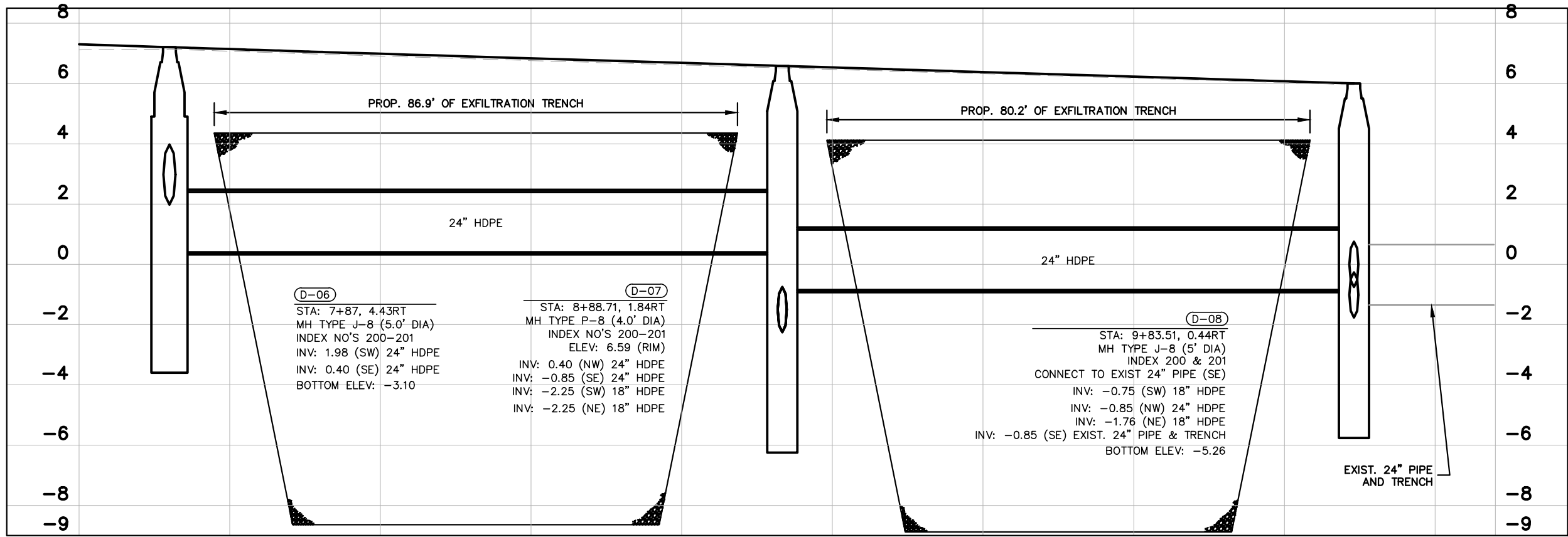
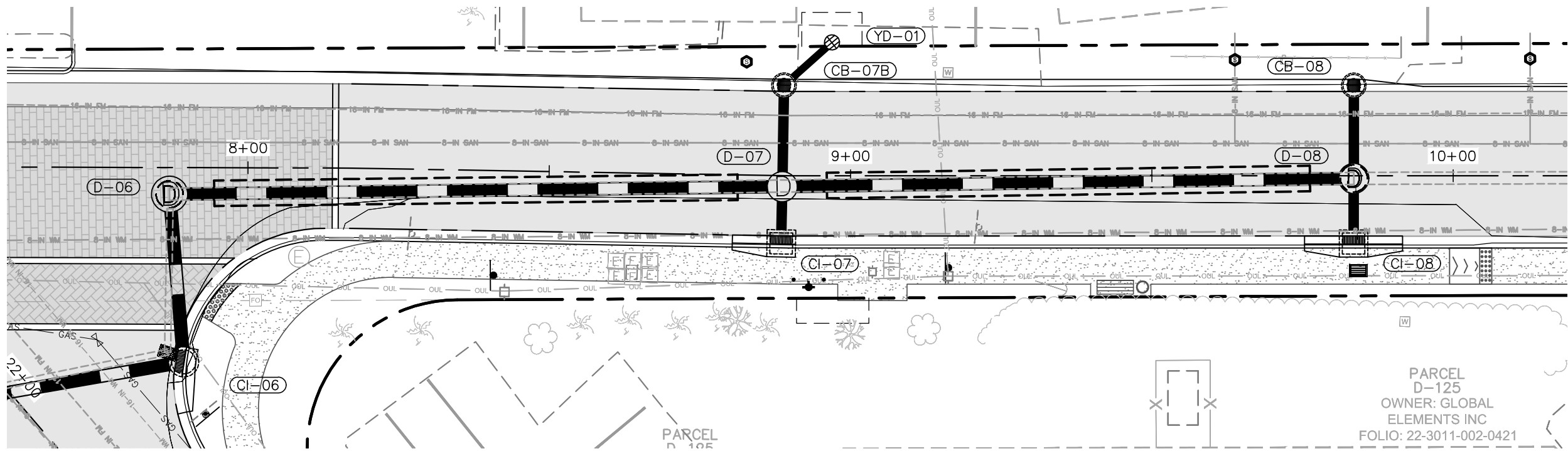
DRAINAGE PROFILES

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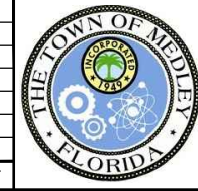
MILLING, OVERBUILD & RESURFACING	XX-XX DRAINAGE STR. NAME	PROP. PIPE	CONCRETE SWK
MILLING & RESURF.	PROP. MANHOLE	PROP. EXFILTRATION TRENCH	STAMPED ASPHALT

NORTH
 GRAPHIC SCALE IN FEET
 HORIZONTAL
 VERTICAL



DRAINAGE PROFILE II

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

NWSRD (826-72A) PW-0112

PREPARED FOR
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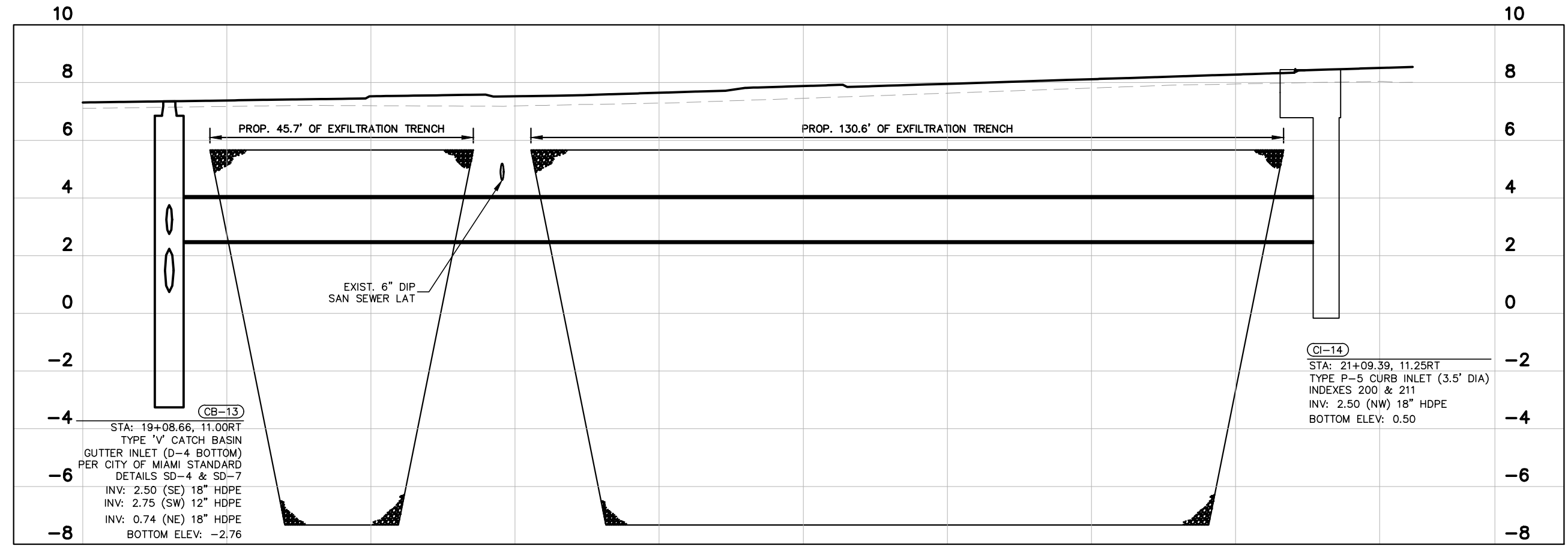
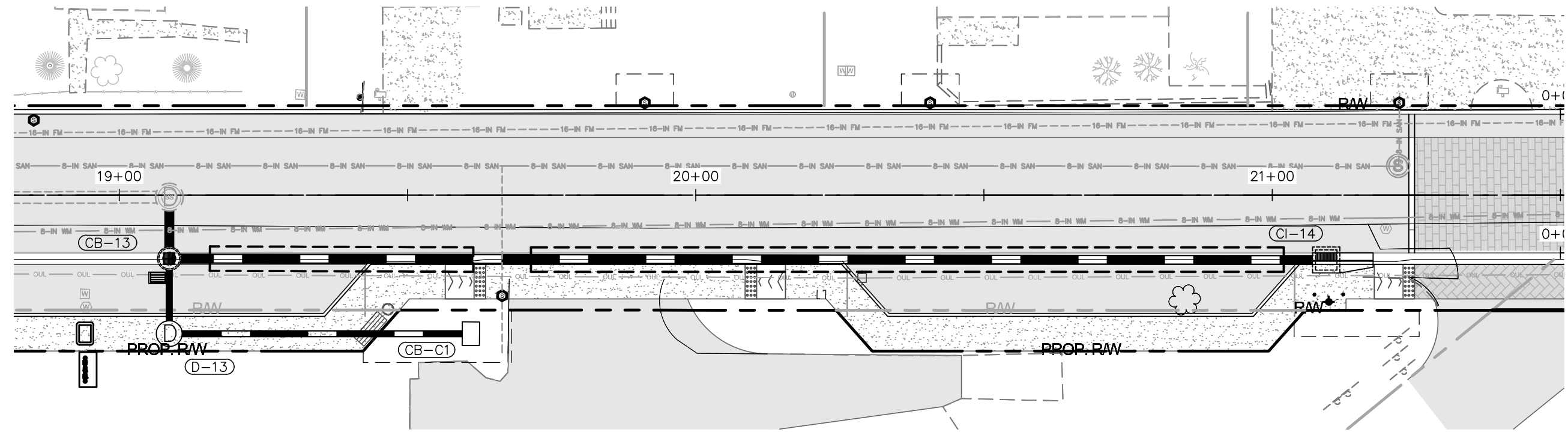
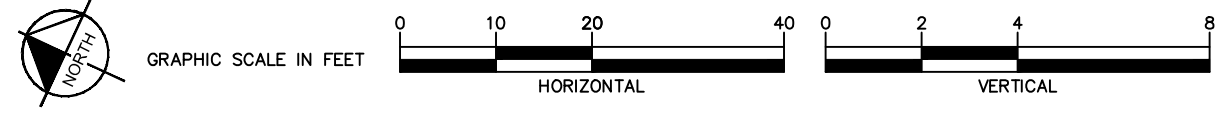
LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	

DRAINAGE PROFILES

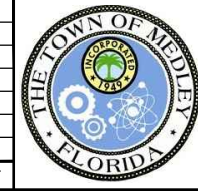
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MILLING, OVERBUILD & RESURFACING
 MILLING & RESURF.
 XX-XX DRAINAGE STR. NAME
 PROP. PIPE
 PROP. EXFILTRATION TRENCH
 CONCRETE SWK
 STAMPED ASPHALT
 D PROP. MANHOLE



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

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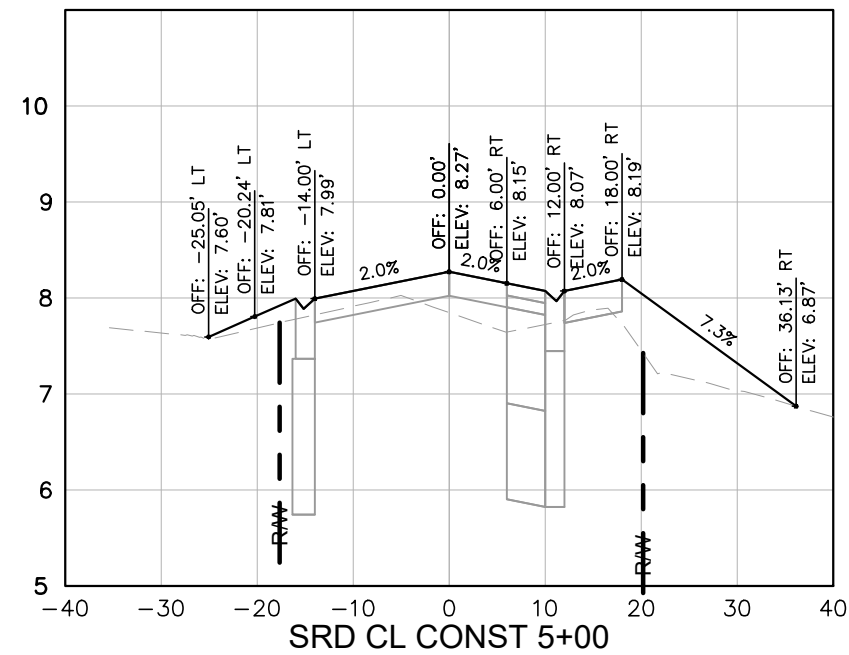
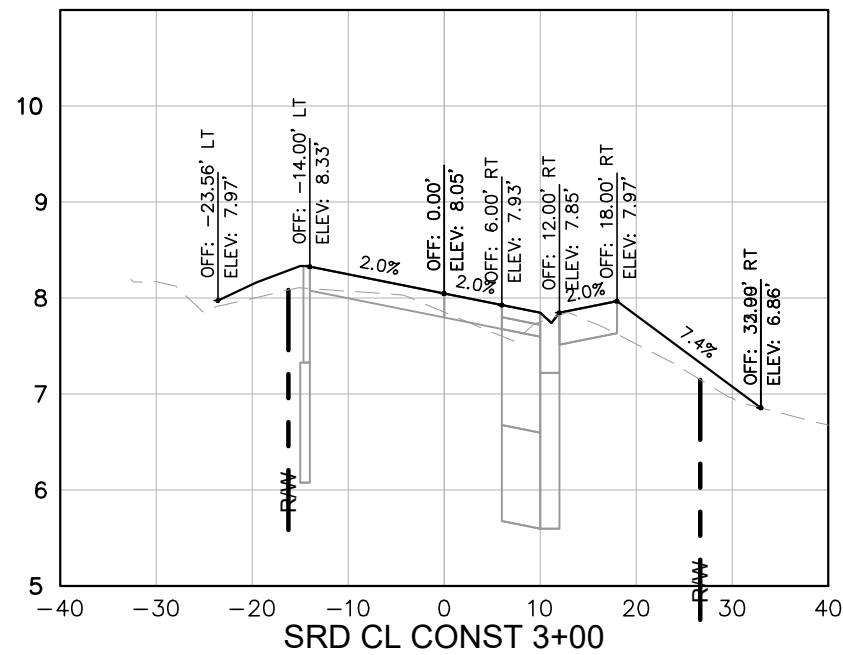
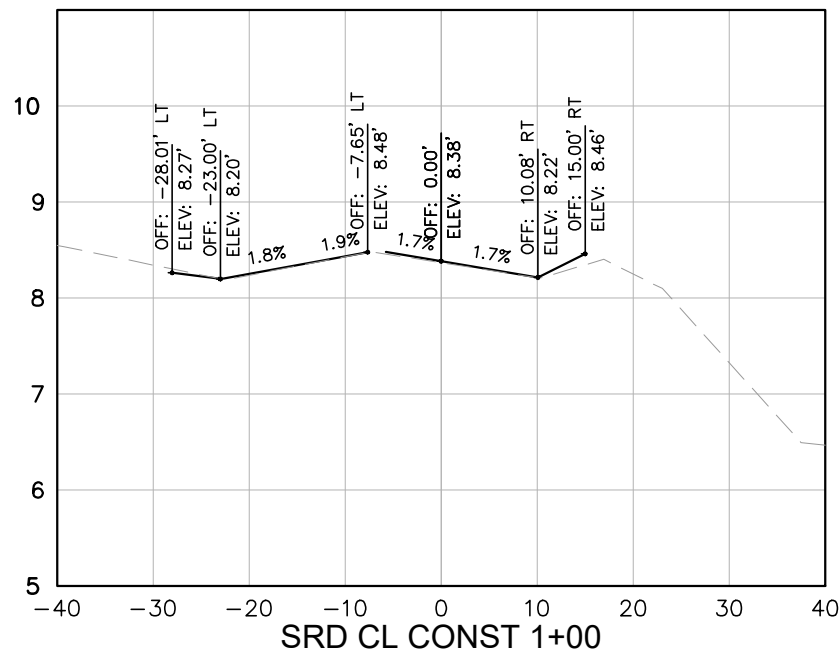
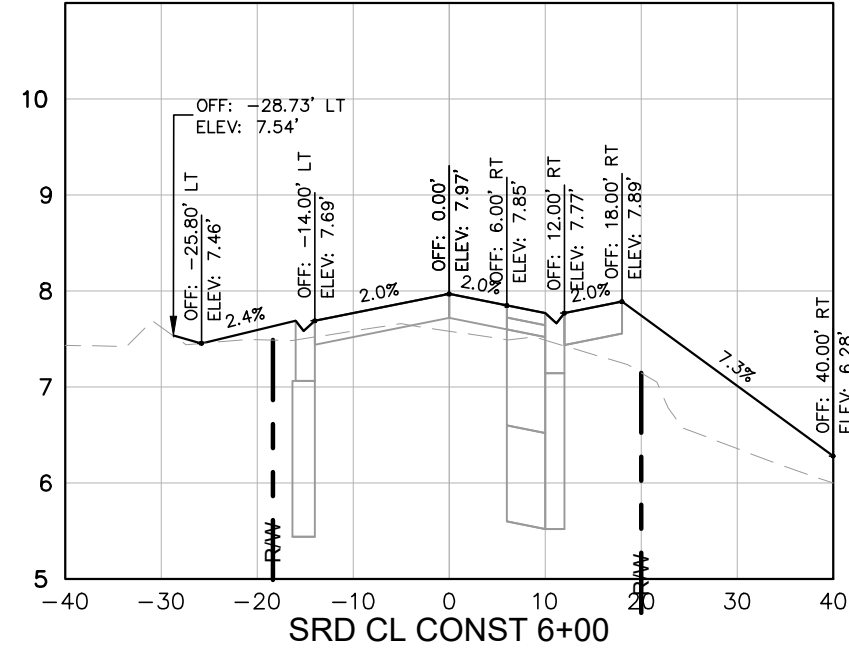
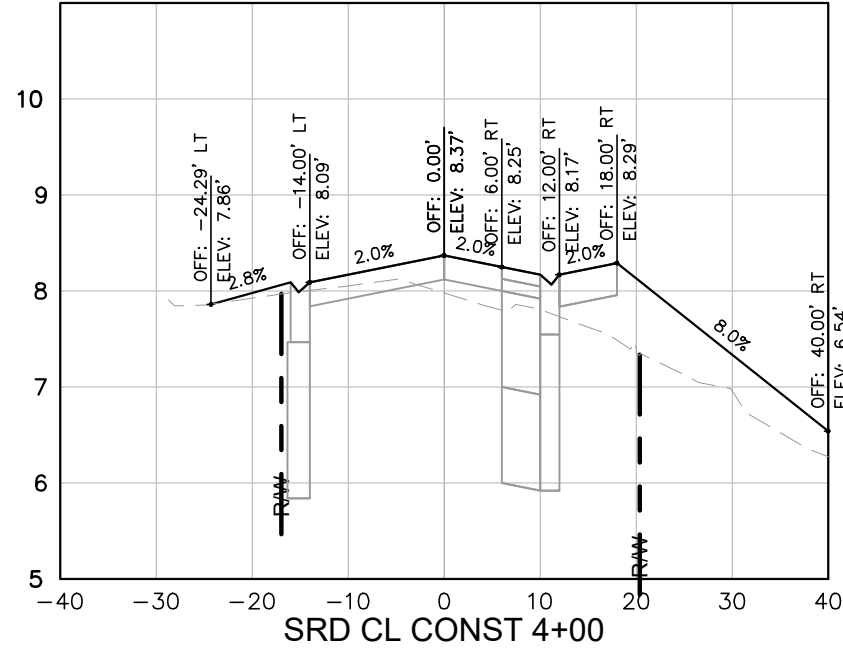
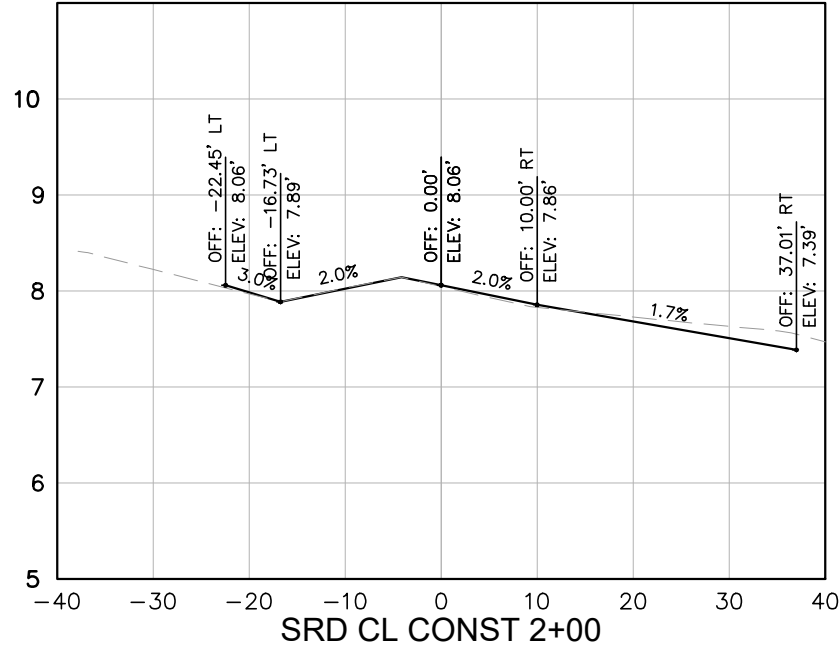
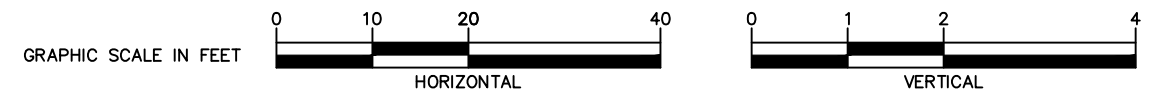
LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	

DRAINAGE PROFILES

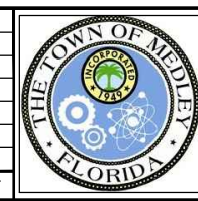
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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

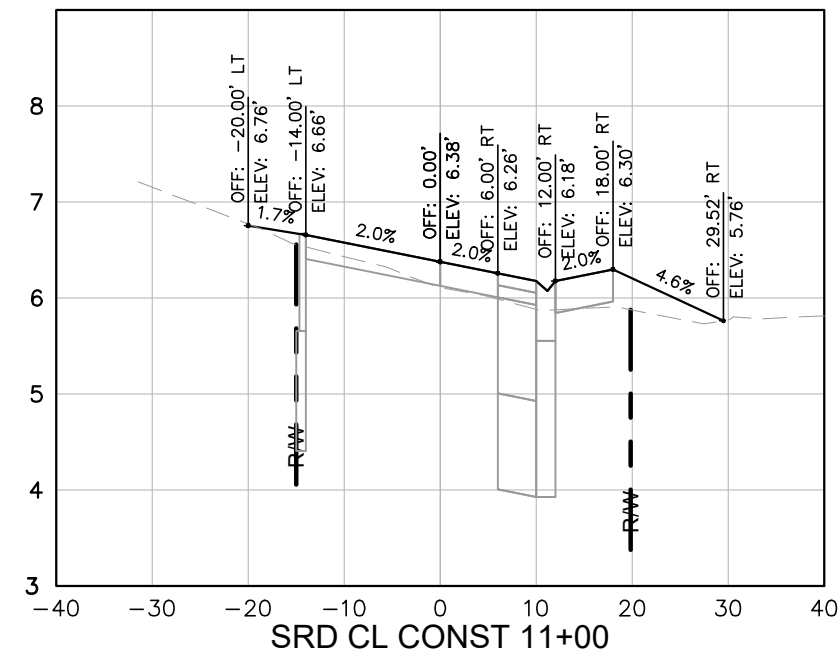
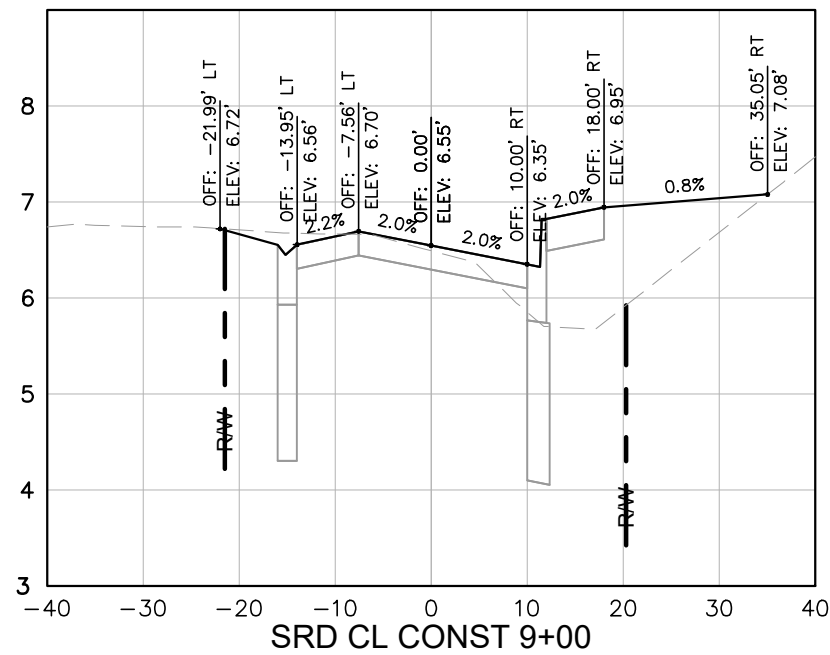
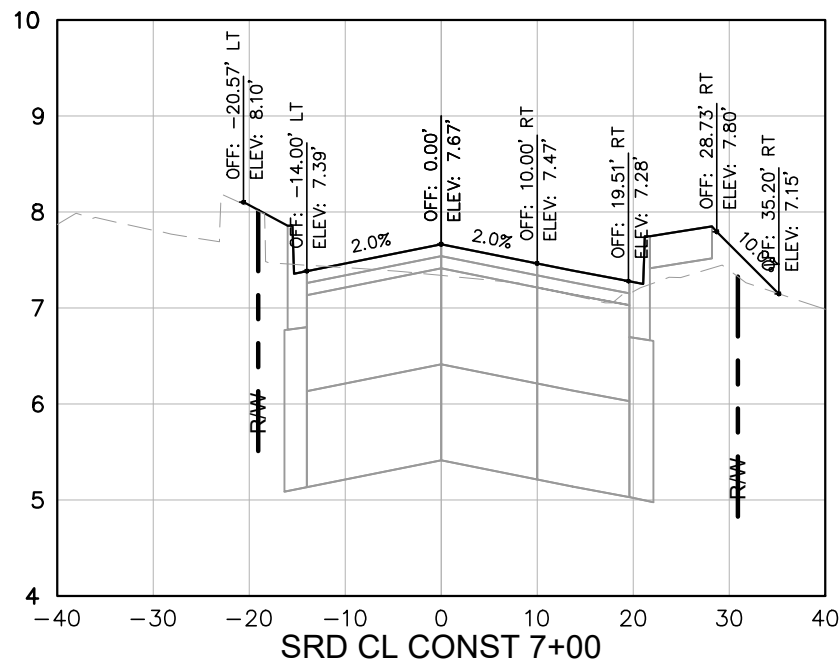
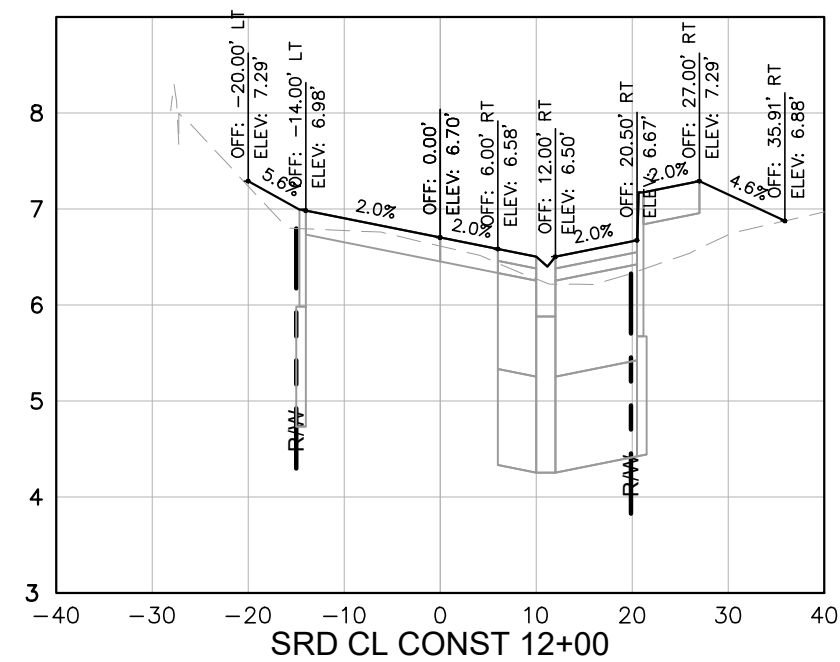
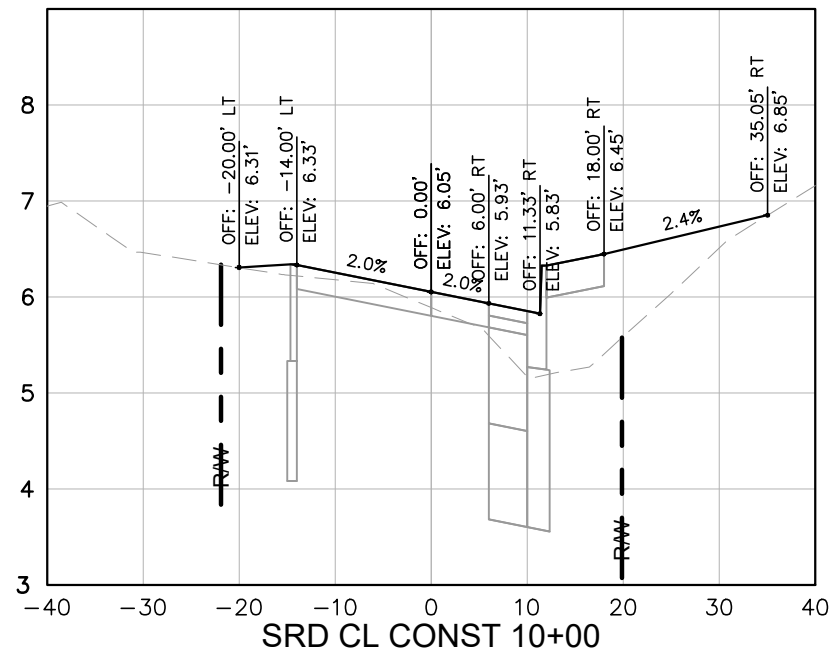
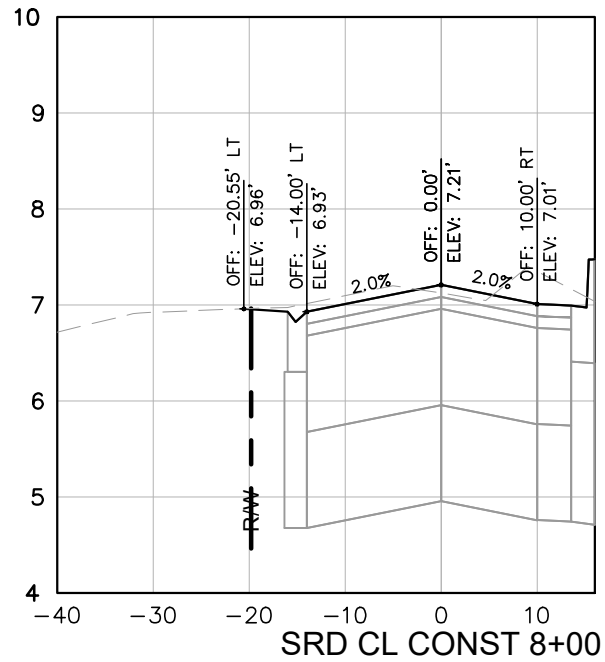
NWSRD (826-72A) PW-0112
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LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
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ROADWAY CROSS SECTIONS

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KHA PROJECT 043637031
DATE DEC 2018
SCALE AS SHOWN
DESIGNED BY BJF
DRAWN BY JPG
CHECKED BY BJF

NWSRD (826-72A) PW-0112

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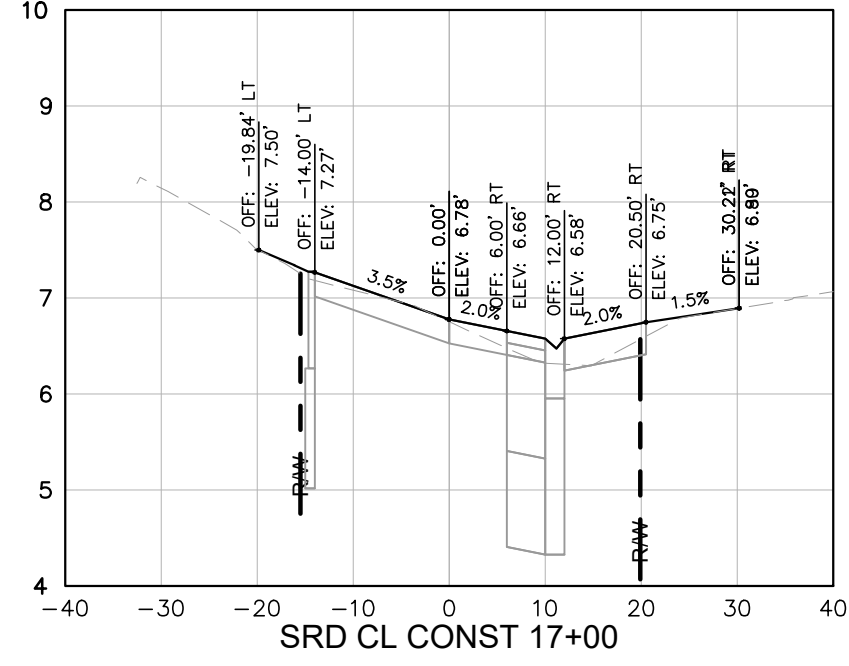
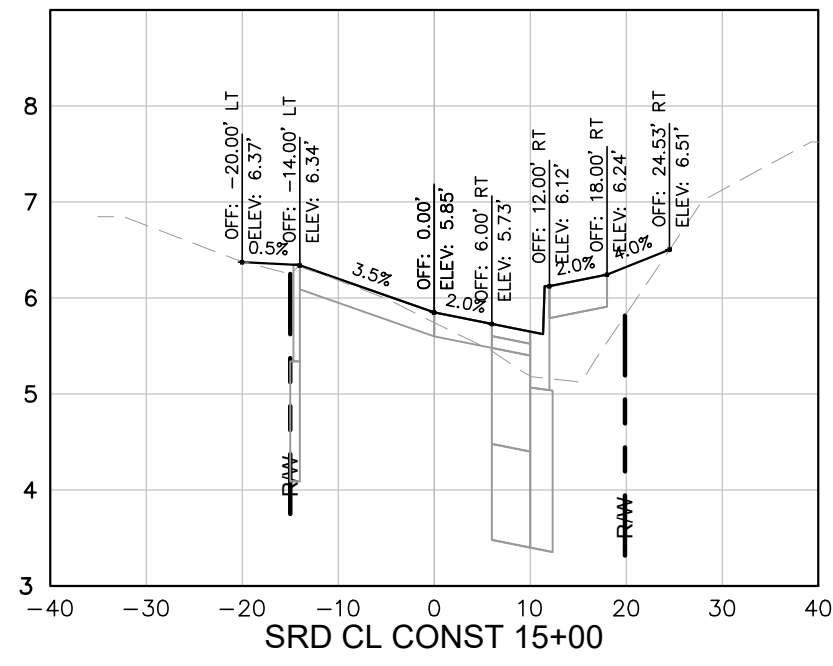
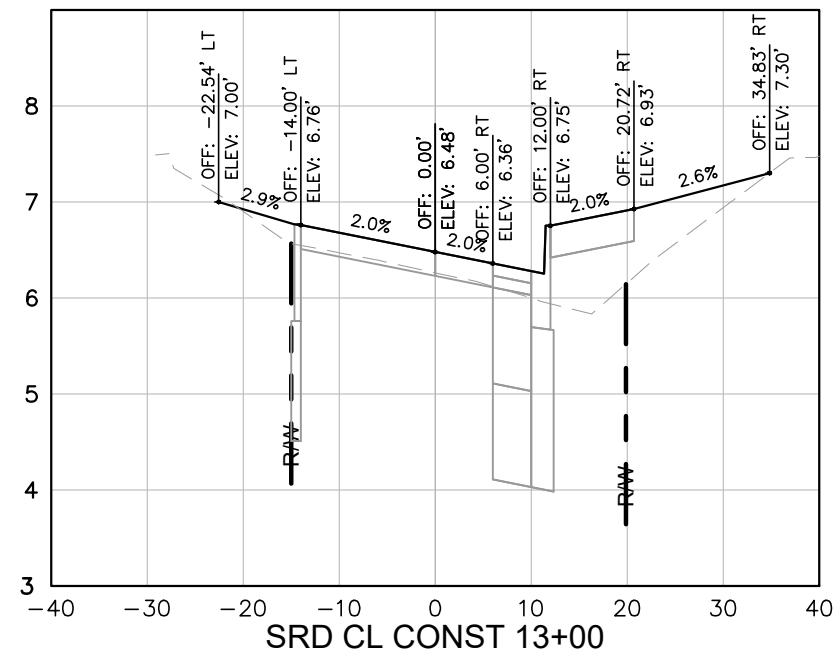
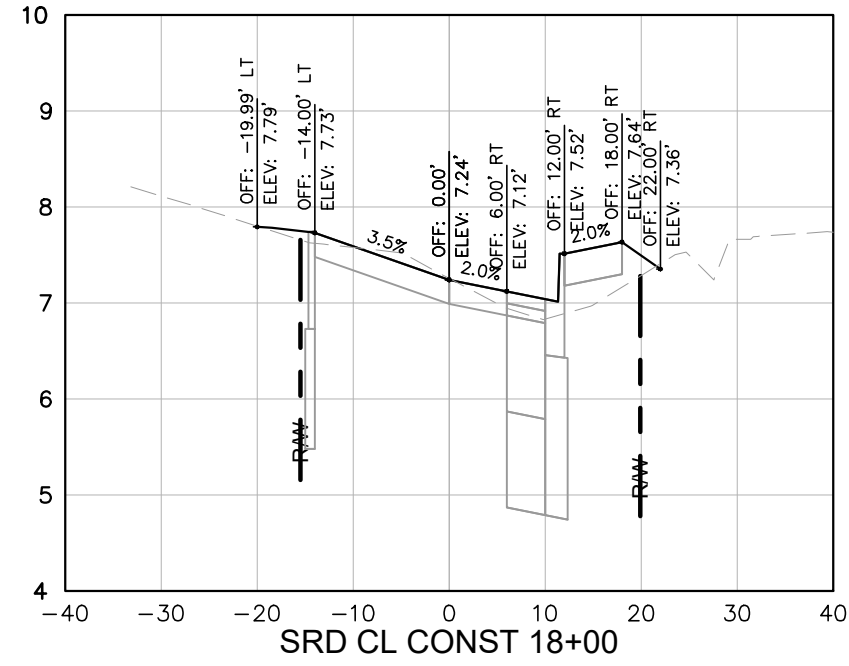
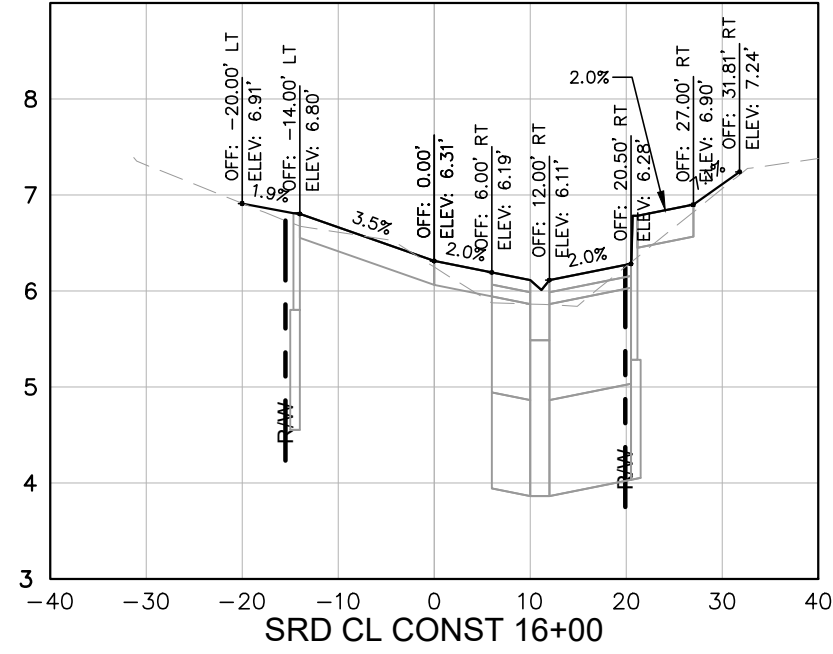
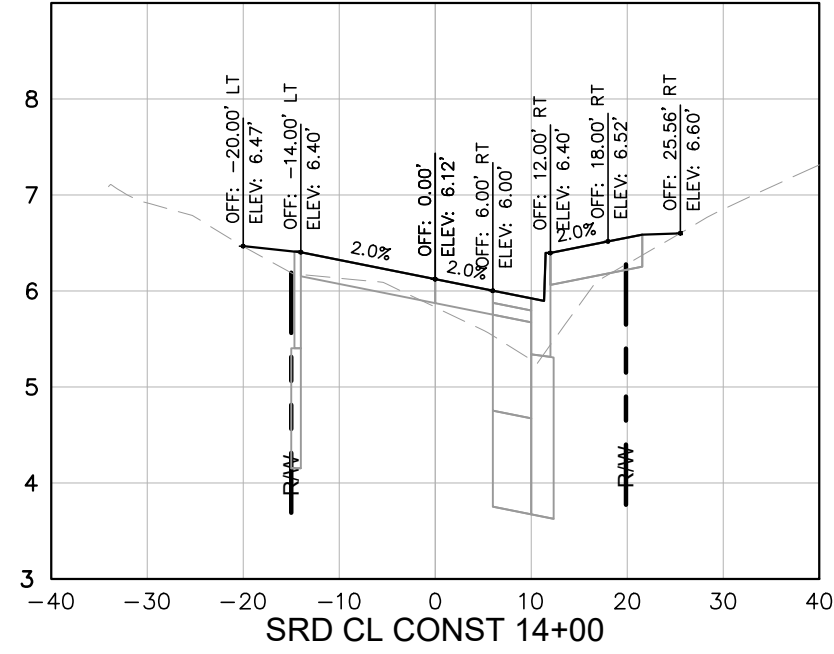
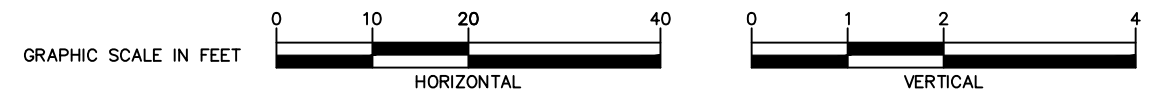
TOWN OF MEDLEY
FLORIDA

LICENSED PROFESSIONAL
BARTON J. FYE, P.E.
73898
FLORIDA DATE: _____

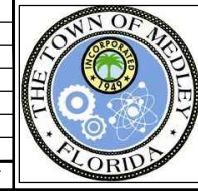
ROADWAY CROSS SECTIONS

SHEET NUMBER
R-1501

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

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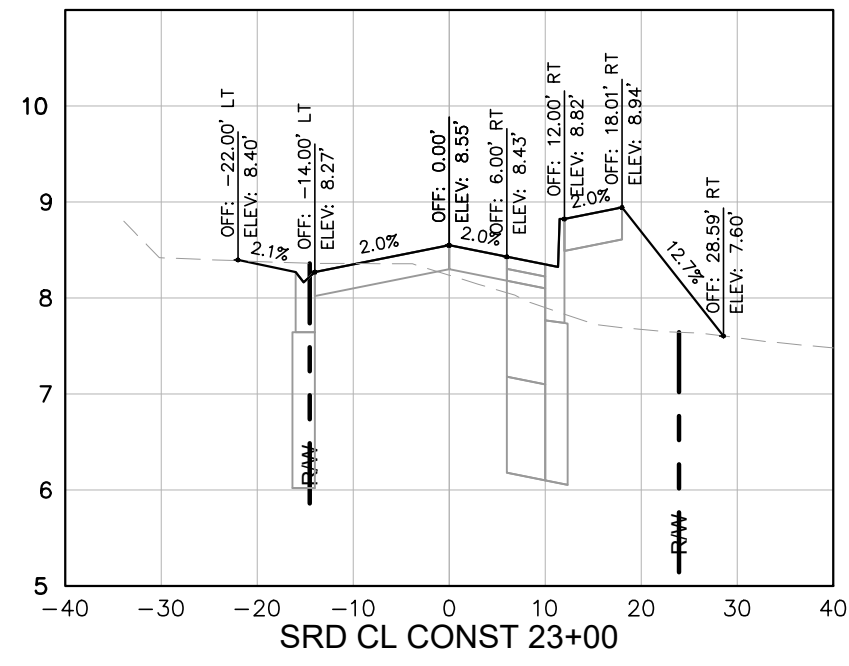
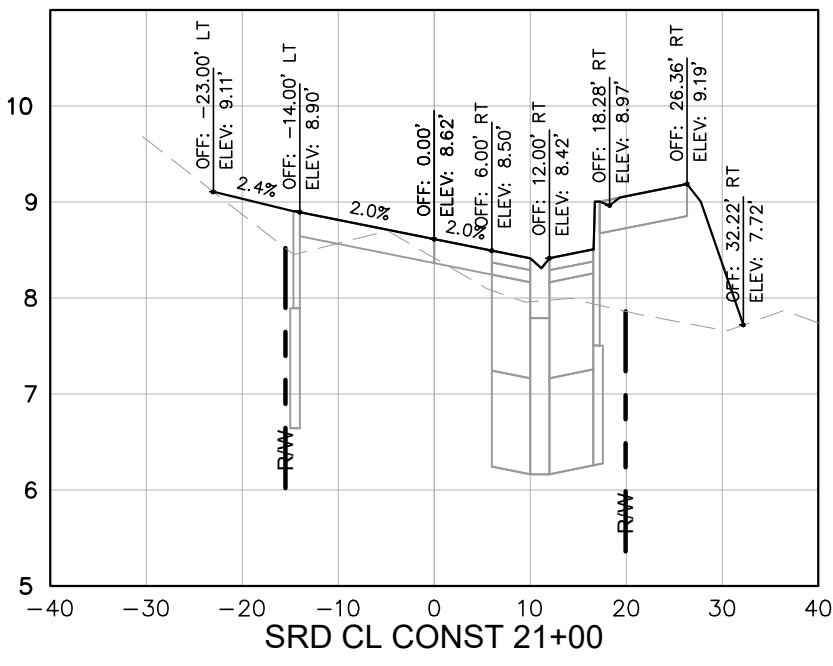
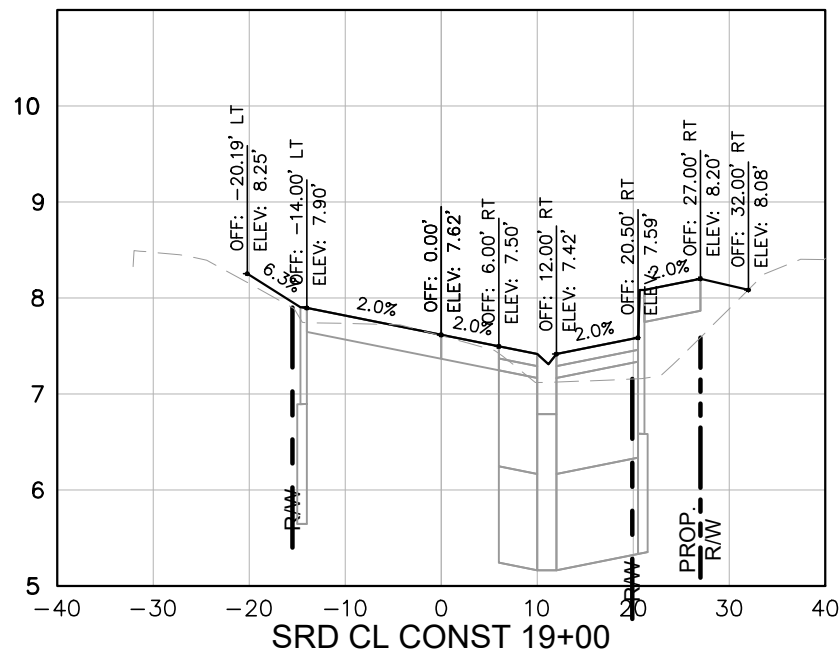
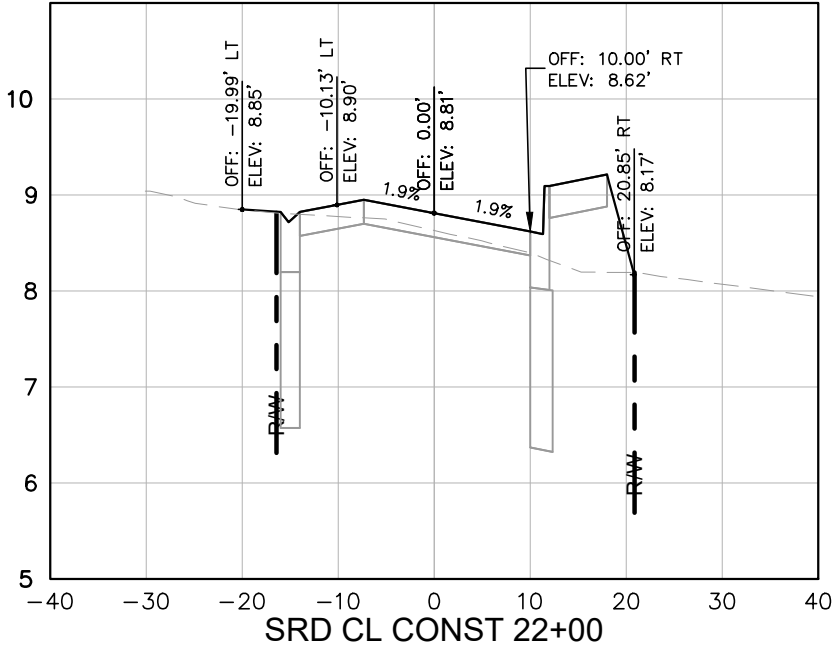
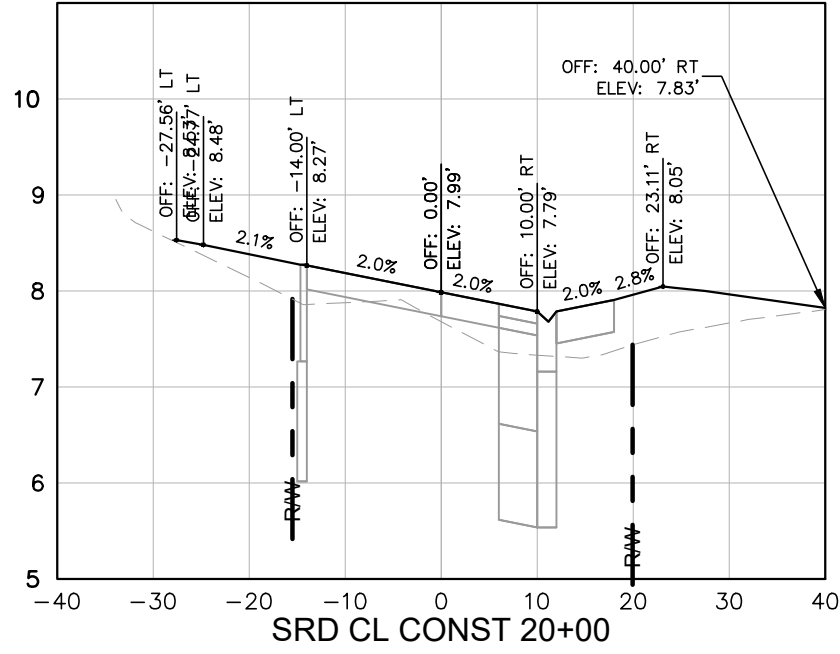
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 73898
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ROADWAY CROSS SECTIONS

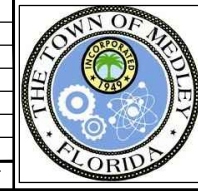
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DATE DEC 2018
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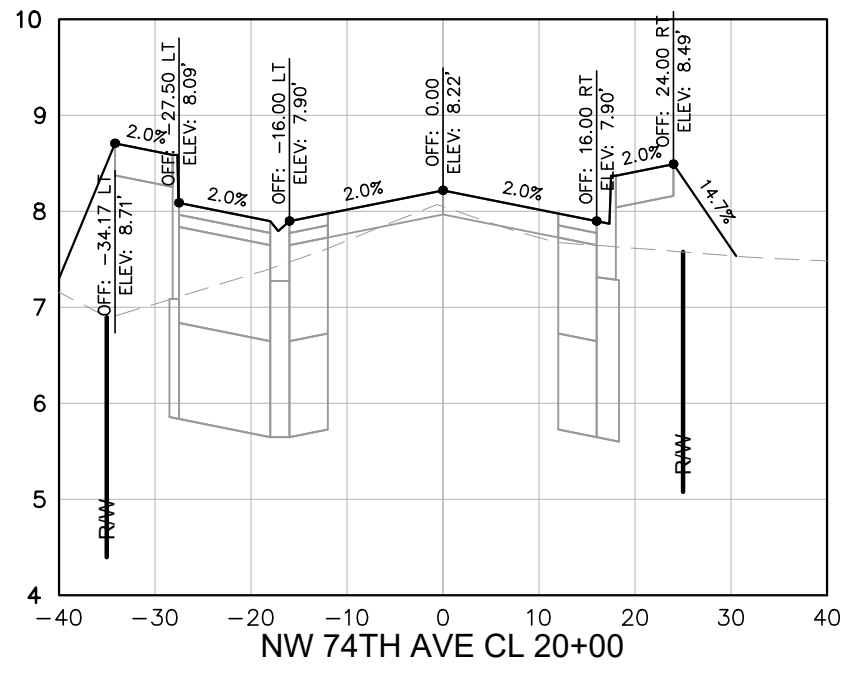
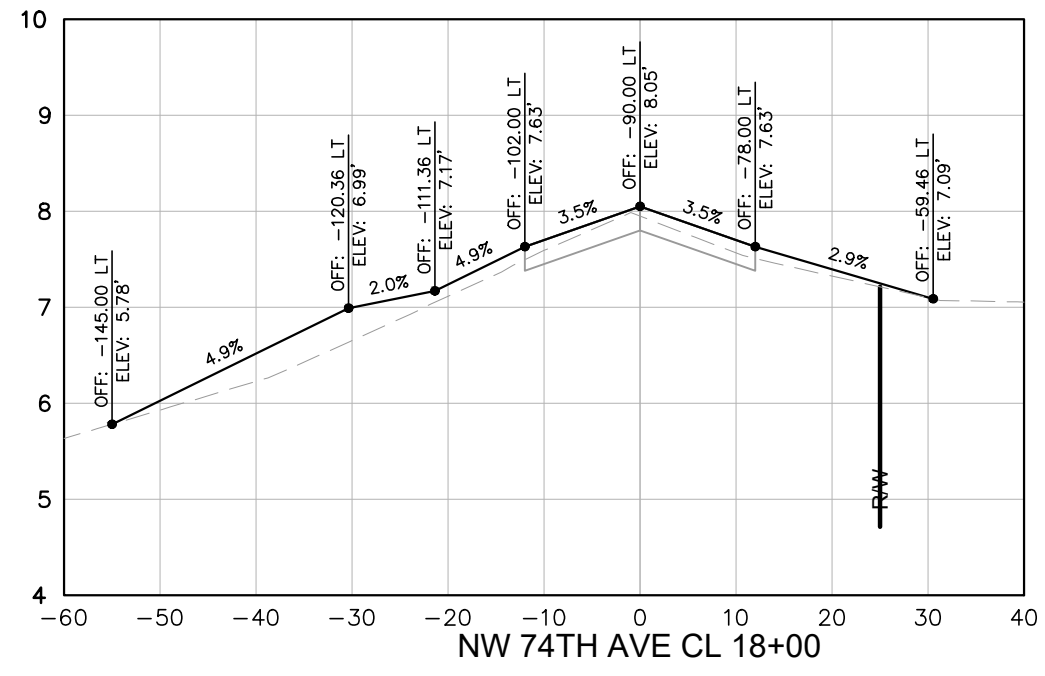
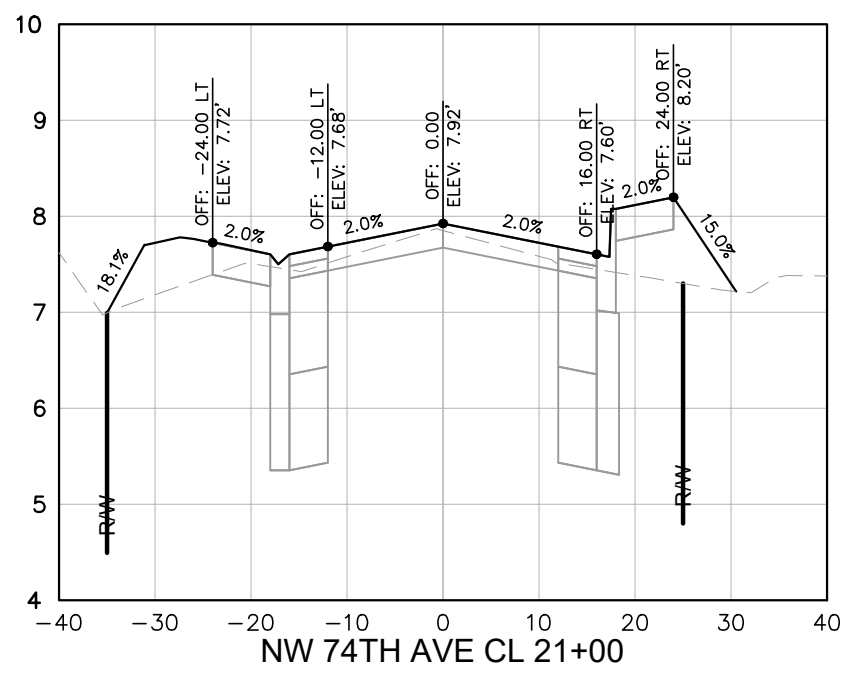
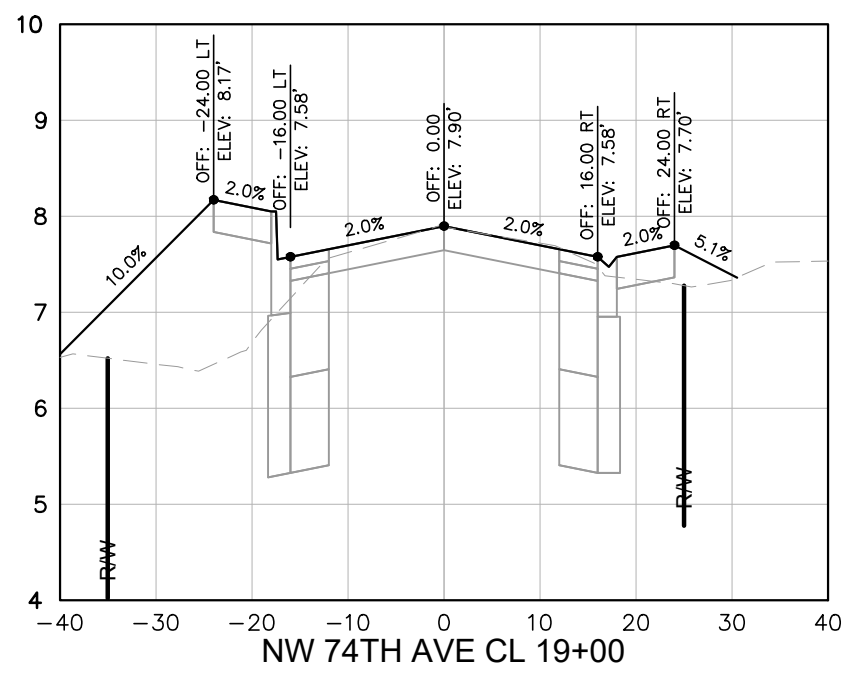
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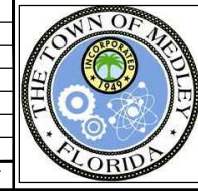
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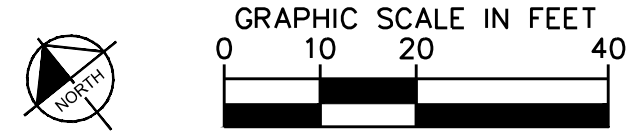
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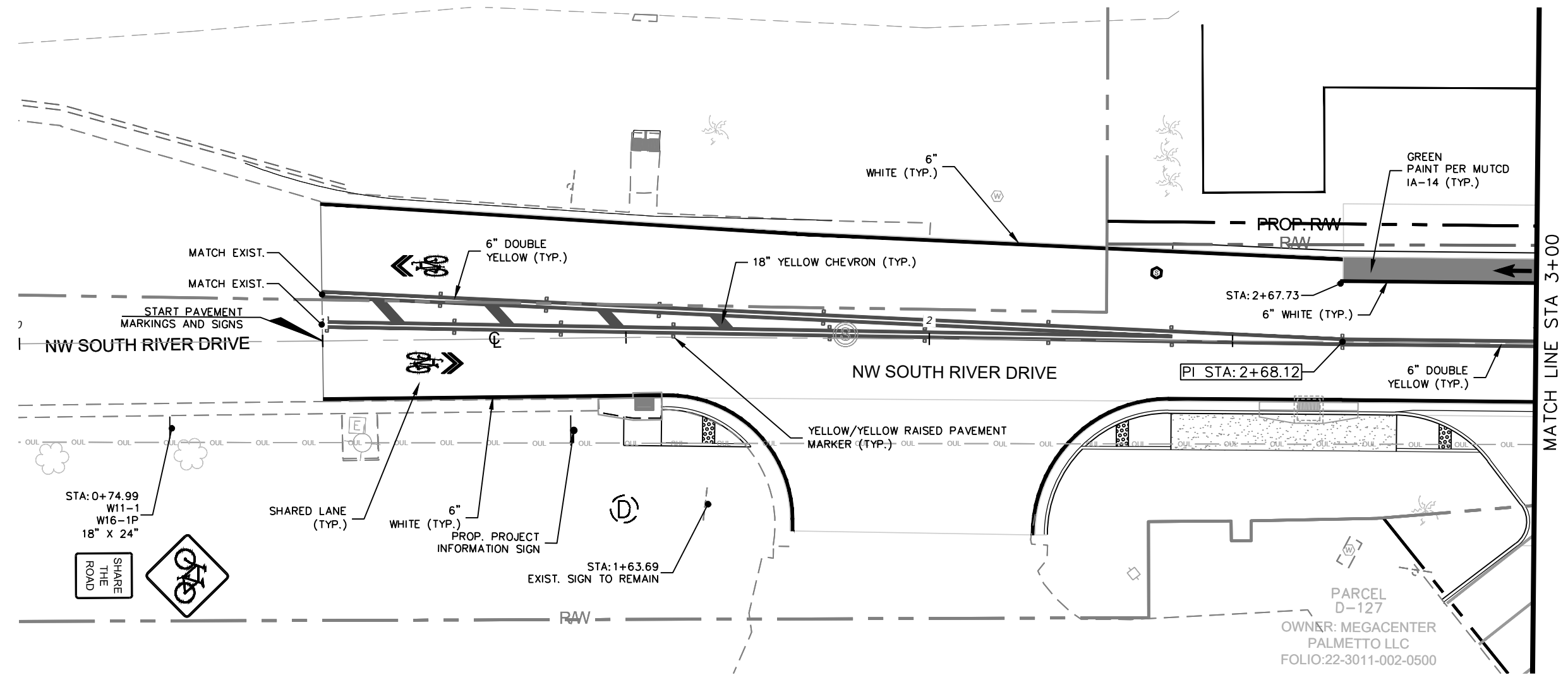
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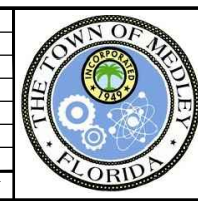
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---	---	RIGHT-OF-WAY (EXISTING)
---	---	PROPOSED RIGHT-OF-WAY
---	---	CENTERLINE OF CONSTRUCTION



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DATE	DEC 2018
SCALE	AS SHOWN
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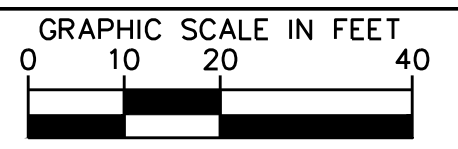
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	73898
DATE:	---

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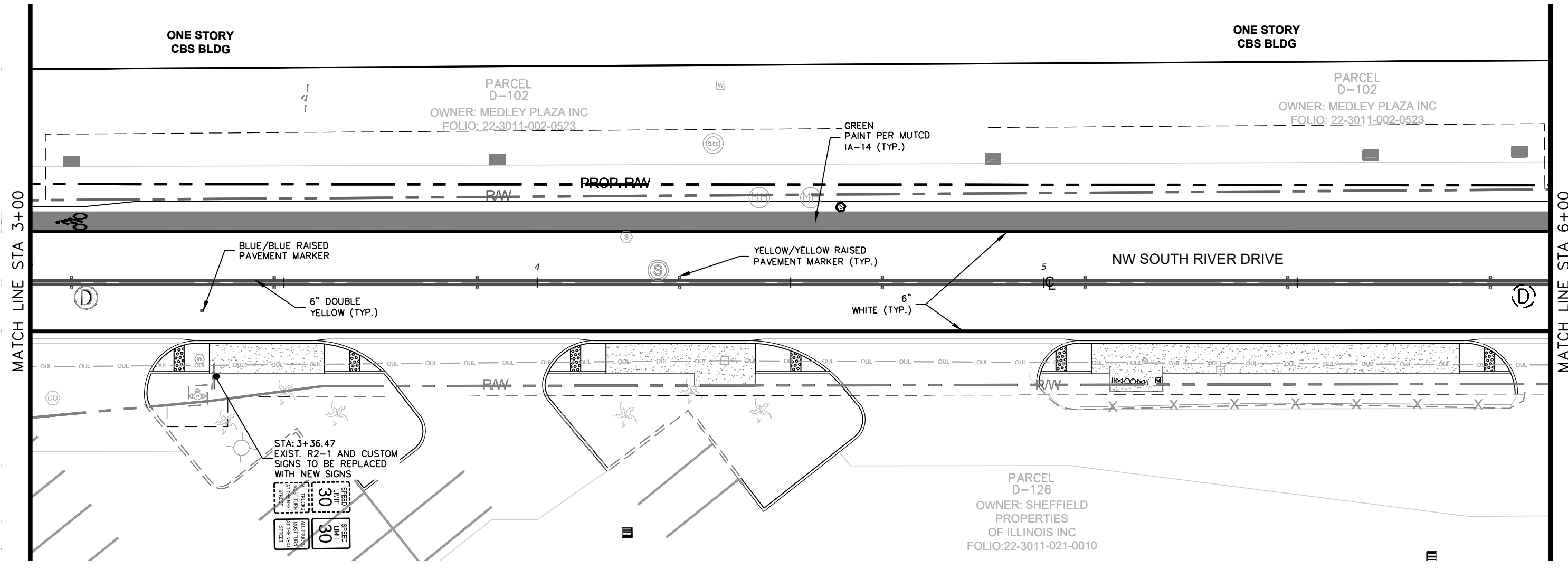
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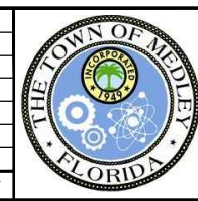
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	RAW	---	RIGHT-OF-WAY (EXISTING)
	PROP. RAW	---	PROPOSED RIGHT-OF-WAY
	CL	---	CENTERLINE OF CONSTRUCTION



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DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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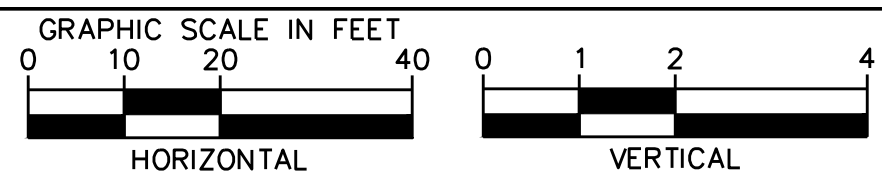
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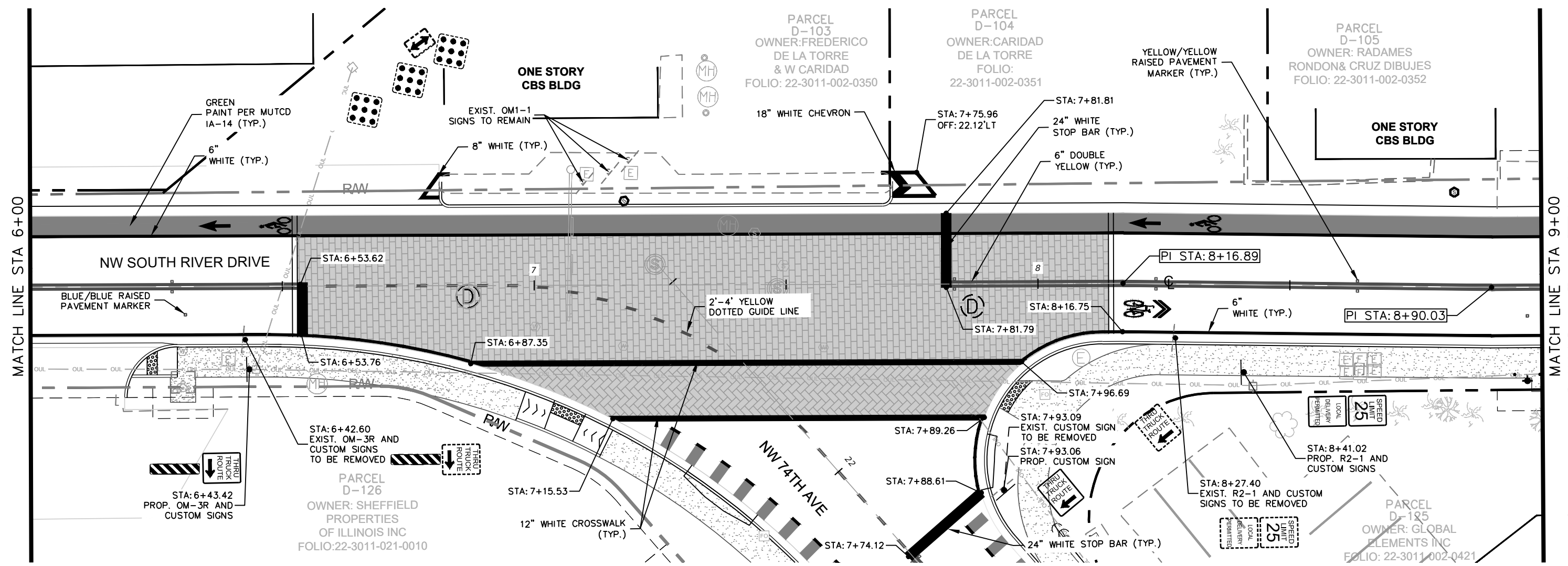
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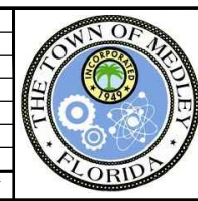
LEGEND

	RIGHT-OF-WAY (EXISTING)
	PROPOSED RIGHT-OF-WAY
	CENTERLINE OF CONSTRUCTION



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DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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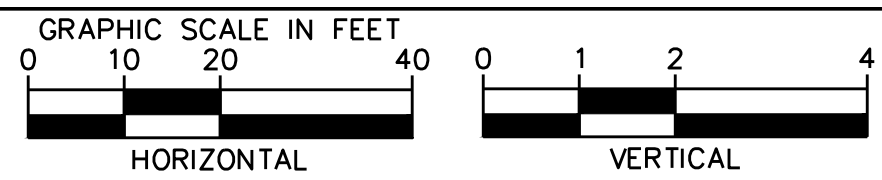
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SIGNING AND PAVEMENT MARKING PLAN

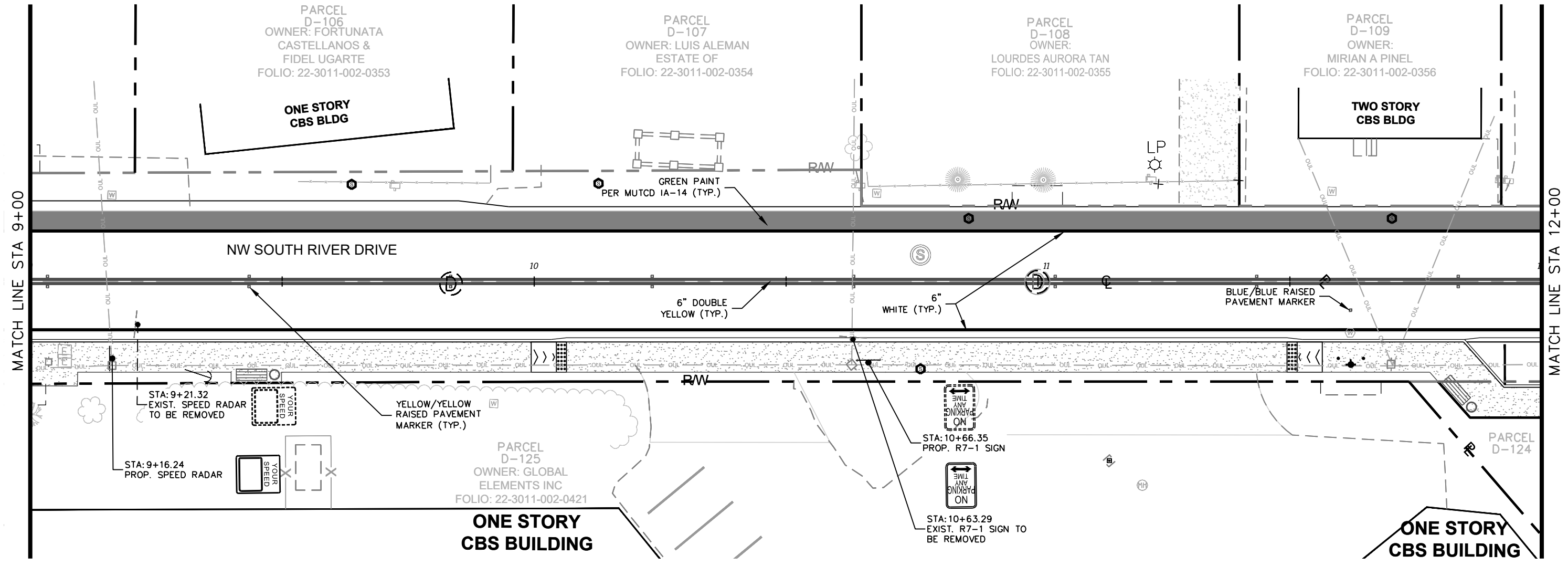
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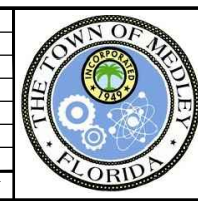
LEGEND

	RAW	---	RIGHT-OF-WAY (EXISTING)
	PROP. RAW	---	PROPOSED RIGHT-OF-WAY
	CL	---	CENTERLINE OF CONSTRUCTION



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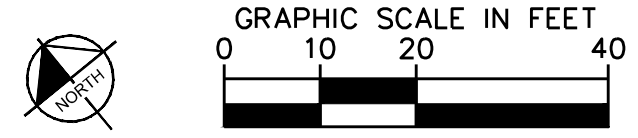
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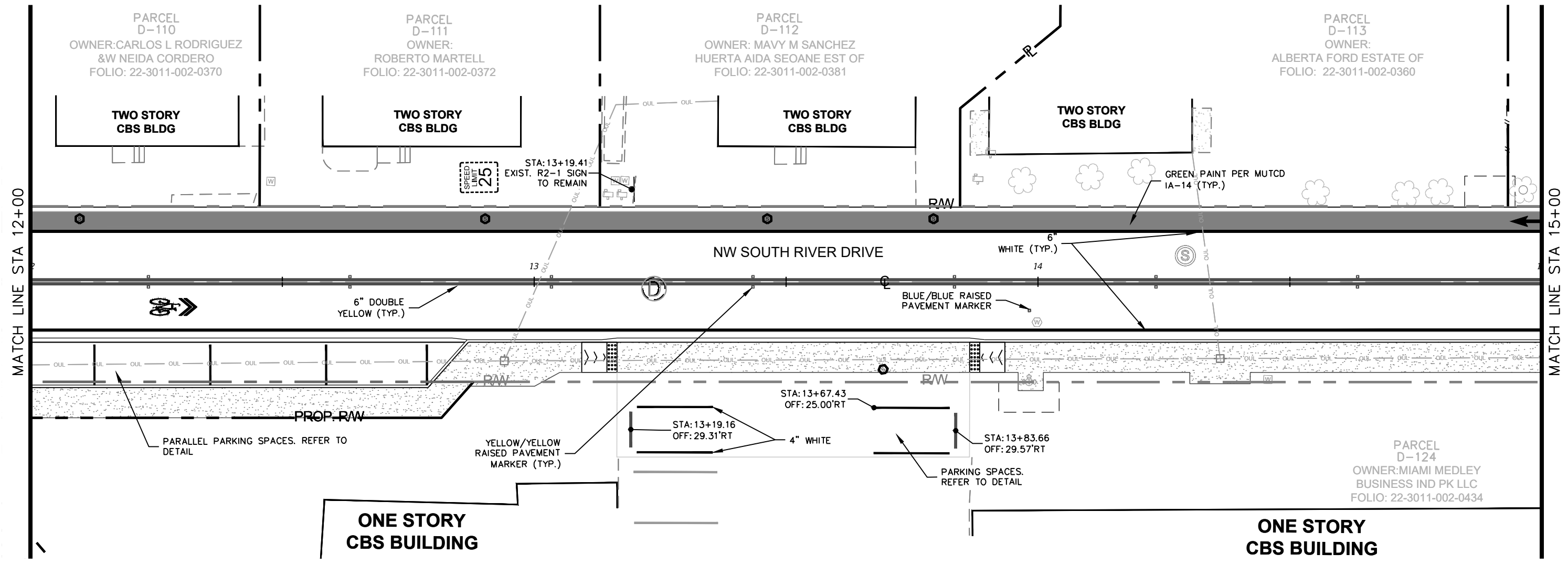
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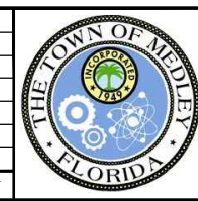
LEGEND

	RIGHT-OF-WAY (EXISTING)
	PROPOSED RIGHT-OF-WAY
	CENTERLINE OF CONSTRUCTION



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SCALE	AS SHOWN
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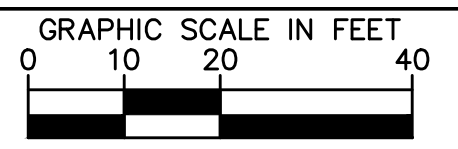
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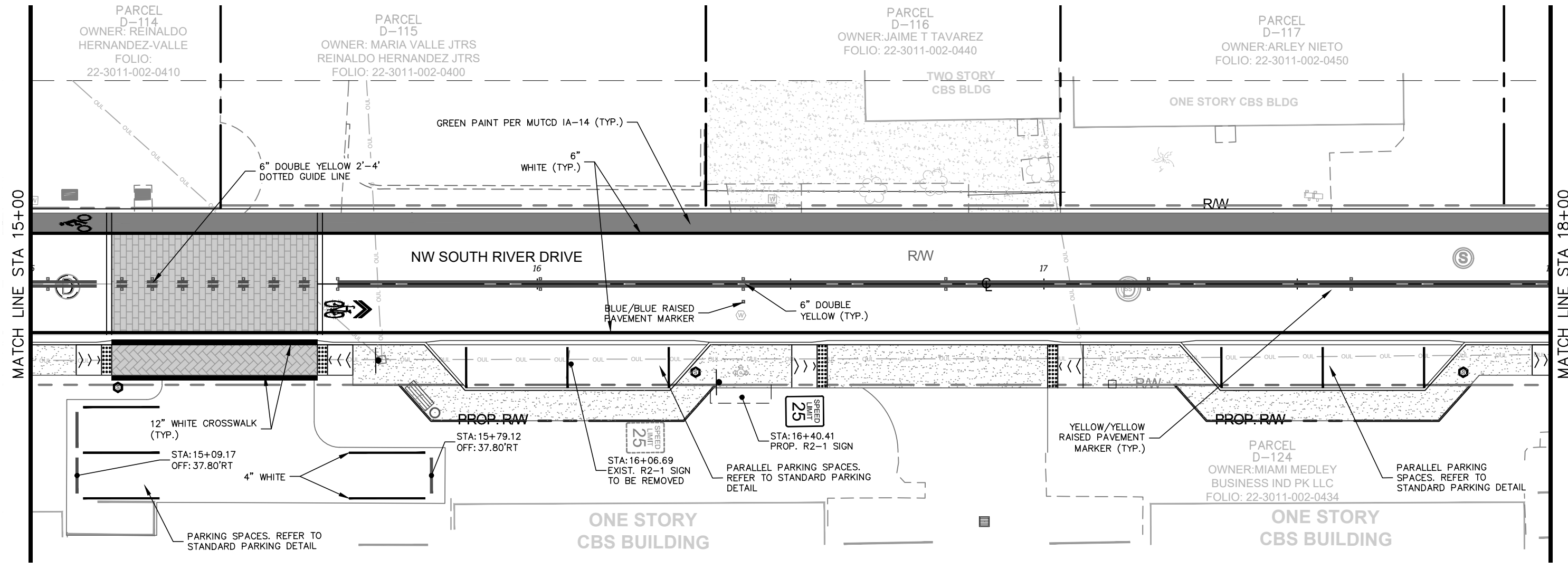
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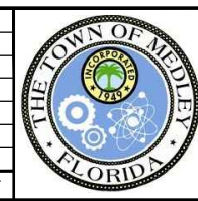
LEGEND

	RIGHT-OF-WAY (EXISTING)
	PROPOSED RIGHT-OF-WAY
	CENTERLINE OF CONSTRUCTION



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KHA PROJECT	043637031
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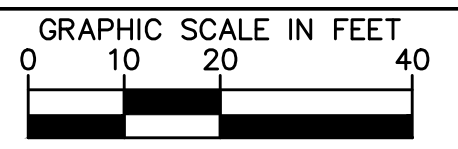
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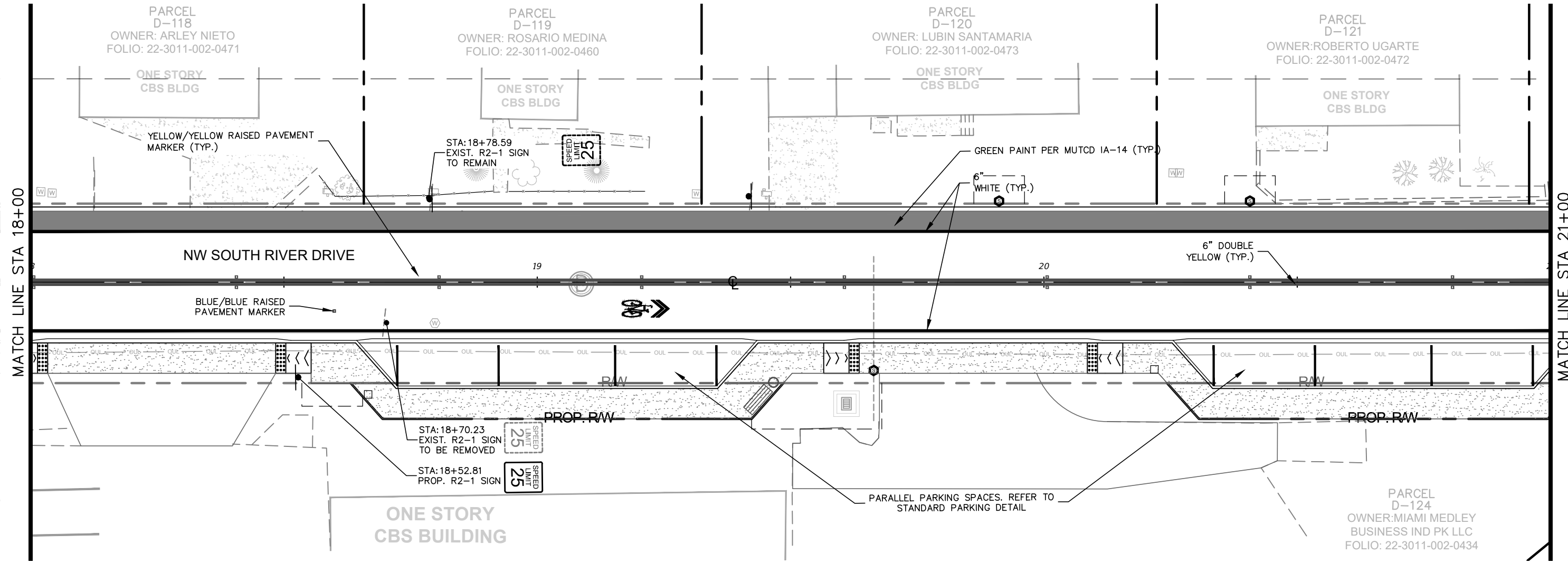
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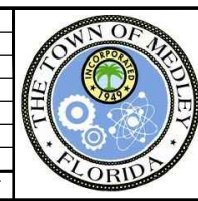
LEGEND

	RIGHT-OF-WAY (EXISTING)
	PROPOSED RIGHT-OF-WAY
	CENTERLINE OF CONSTRUCTION



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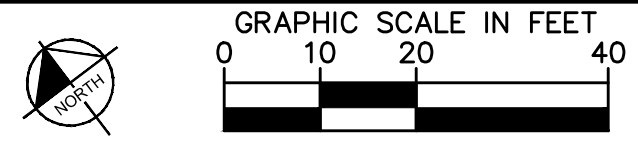
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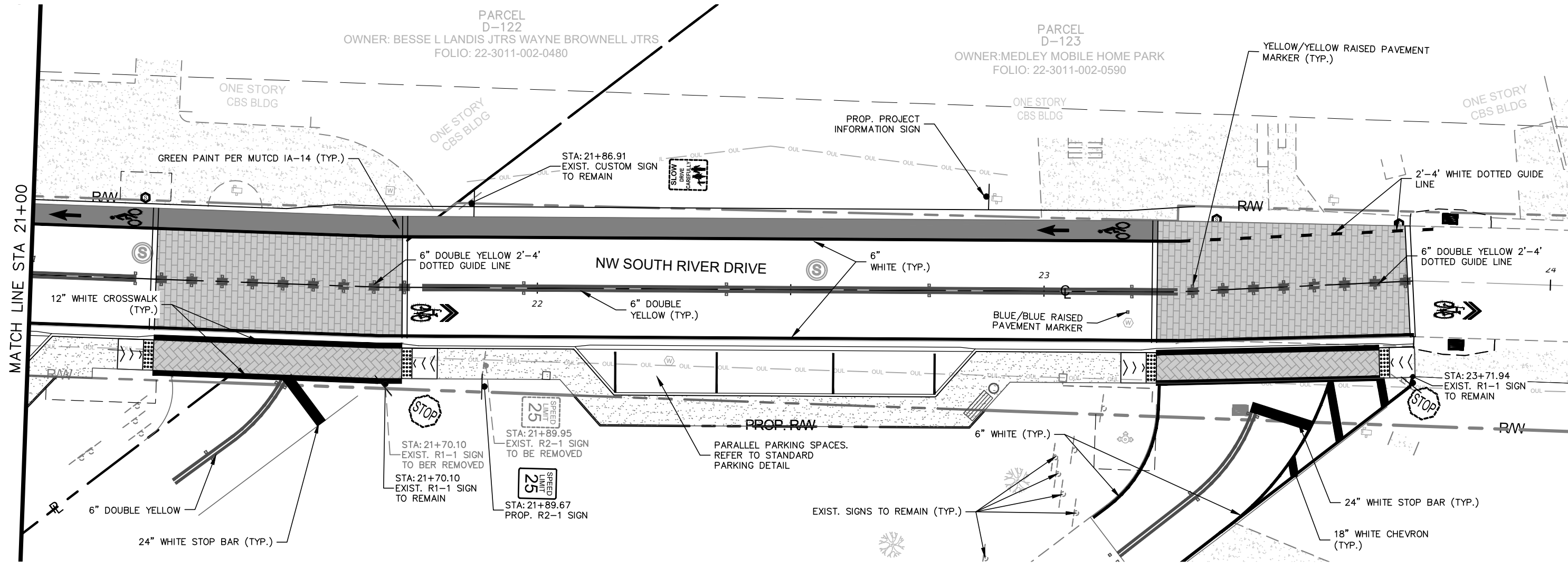
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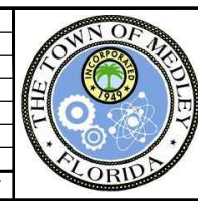
LEGEND

	RIGHT-OF-WAY (EXISTING)
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	CENTERLINE OF CONSTRUCTION



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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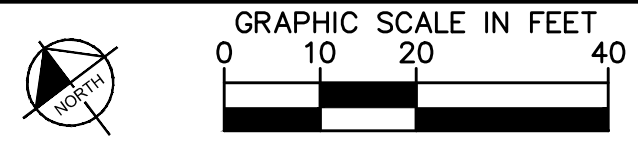
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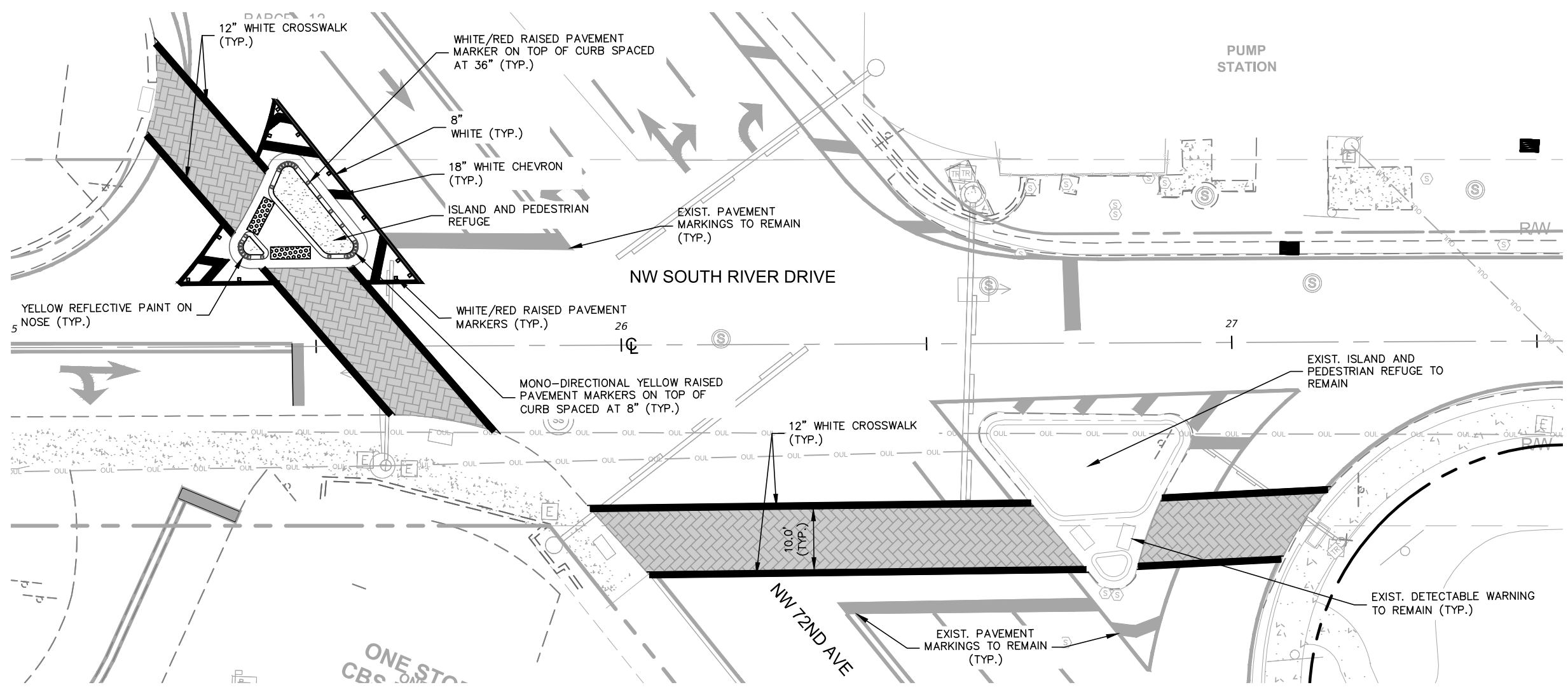
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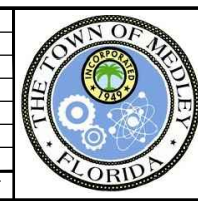
LEGEND

— — — — —	RIGHT-OF-WAY (EXISTING)
— — — — —	PROPOSED RIGHT-OF-WAY
— C — — — — —	CENTERLINE OF CONSTRUCTION



- NOTES:**
- ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC AND PER FDOT INDEX 17346 AND 17347.

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

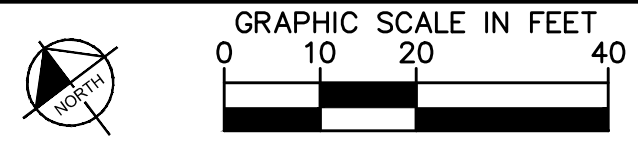
NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	

SIGNING AND PAVEMENT MARKING PLAN

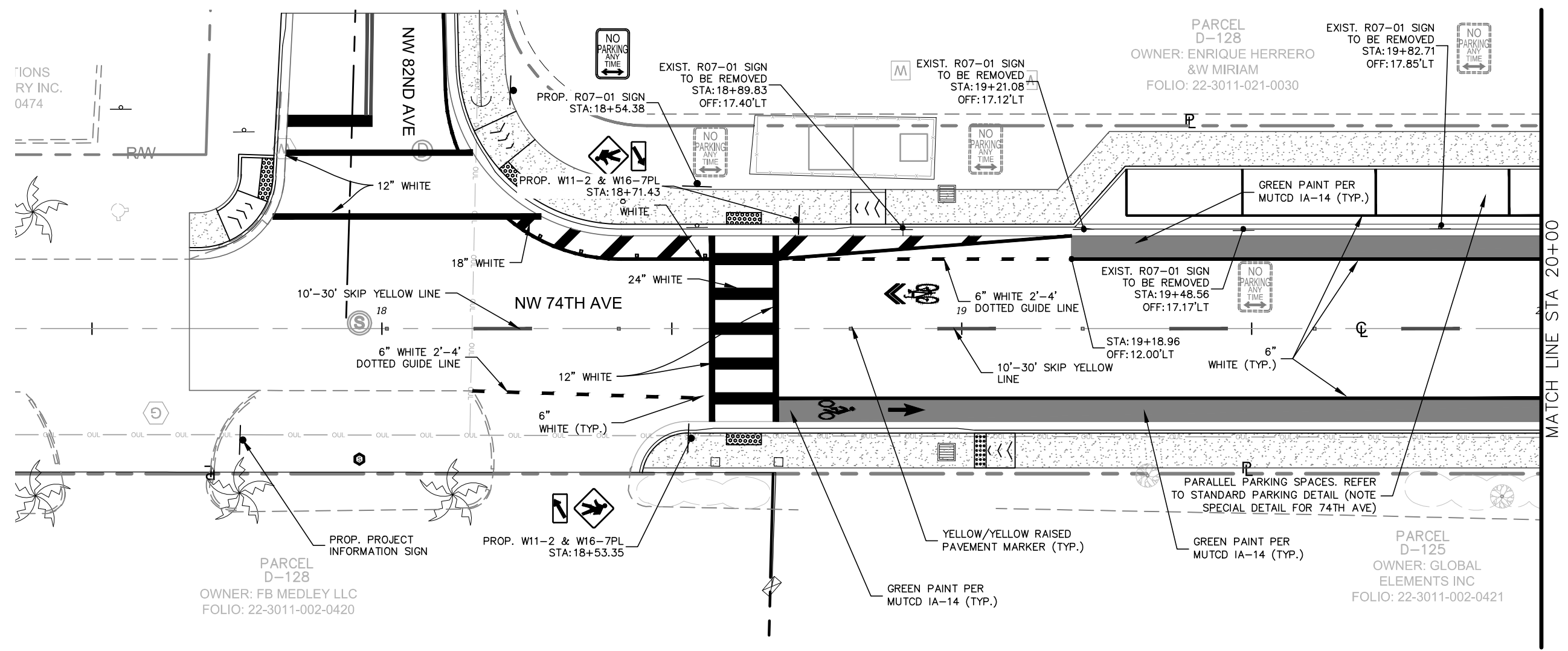
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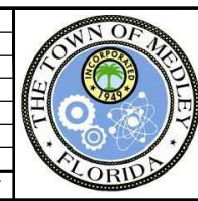
LEGEND

	RAW	---	RIGHT-OF-WAY (EXISTING)
	PROP. RAW	---	PROPOSED RIGHT-OF-WAY
	CL	---	CENTERLINE OF CONSTRUCTION



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

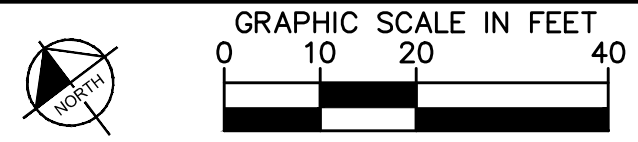
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SIGNING AND PAVEMENT MARKING PLAN

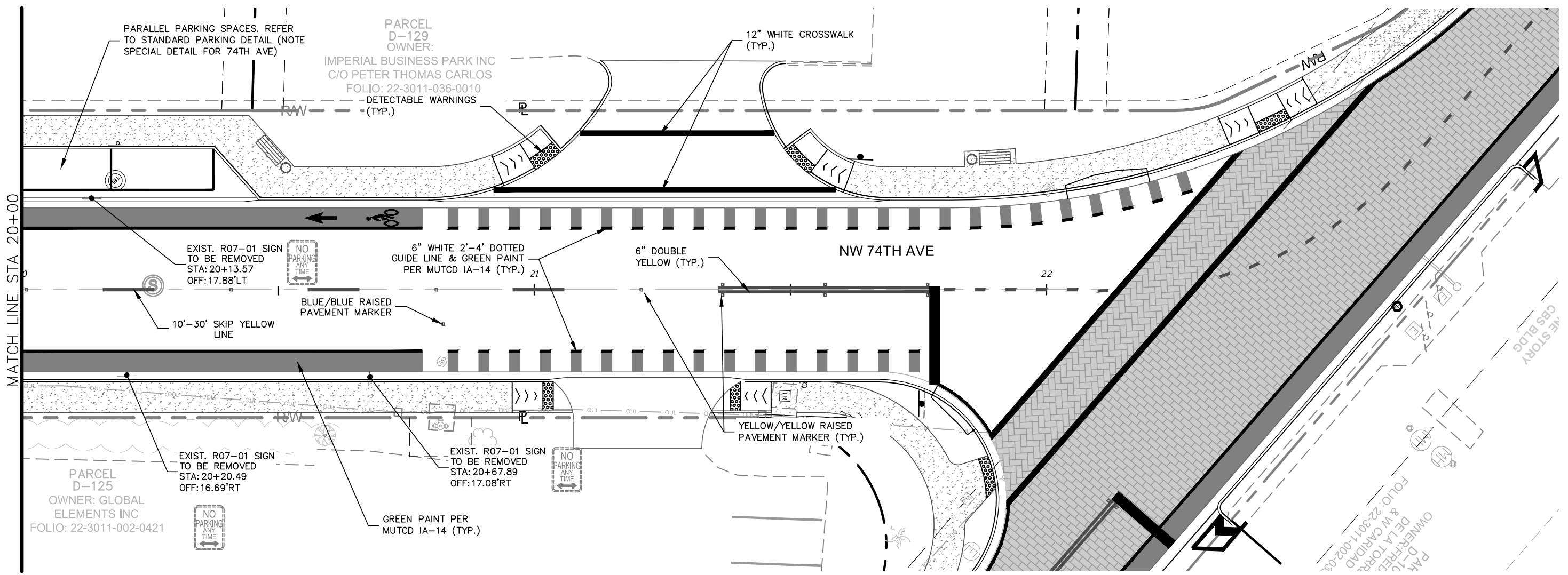
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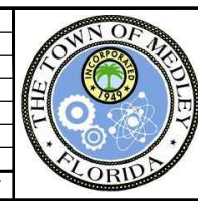
LEGEND

— — — — —	RIGHT-OF-WAY (EXISTING)
— — — — —	PROPOSED RIGHT-OF-WAY
— — — — —	CENTERLINE OF CONSTRUCTION



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
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CHECKED BY	BJF

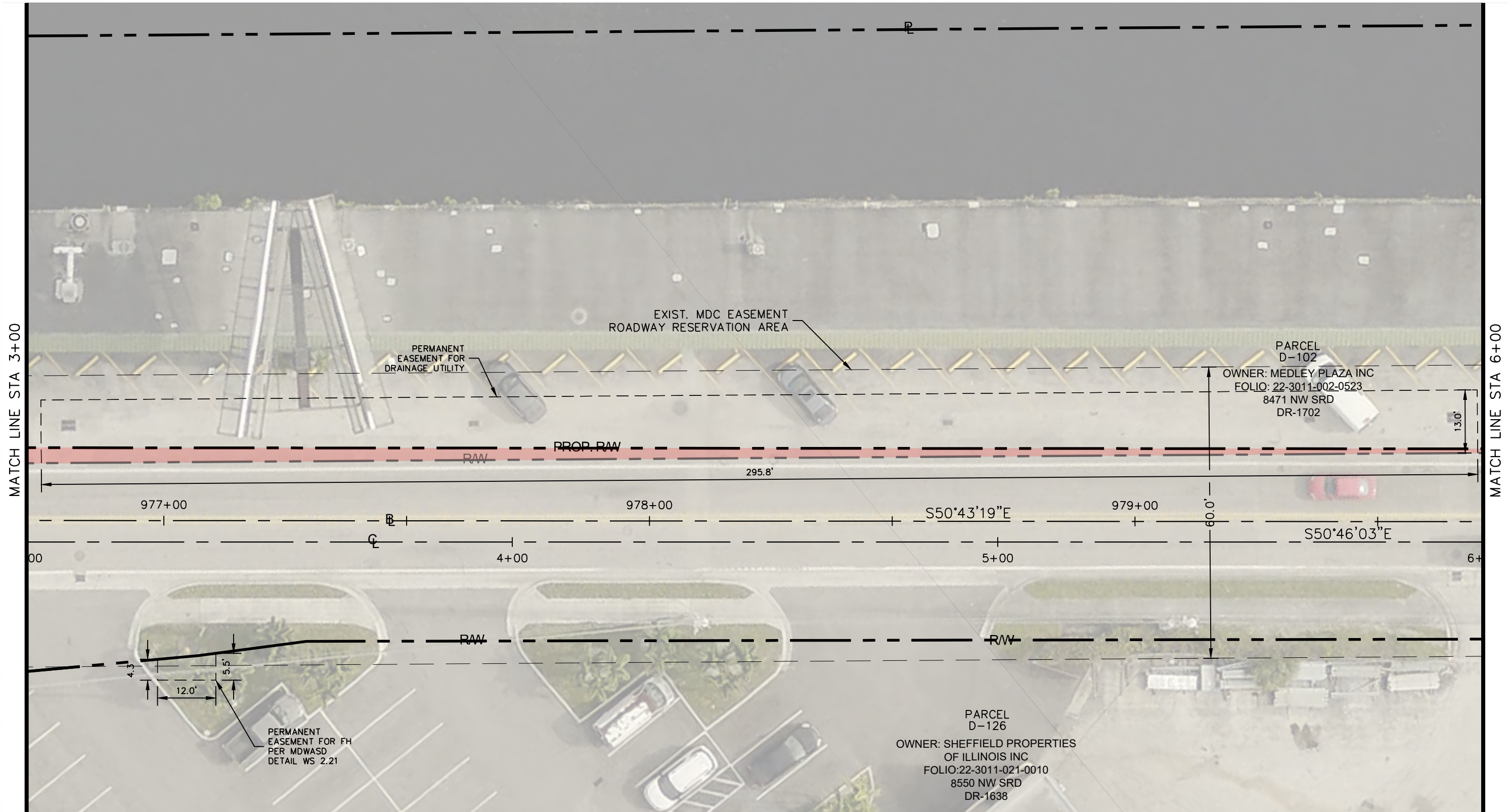
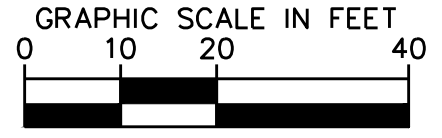
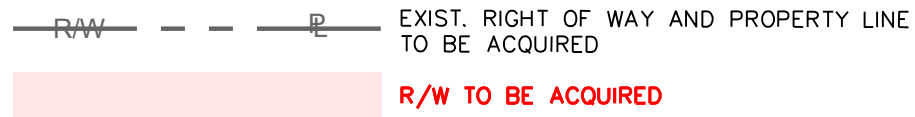
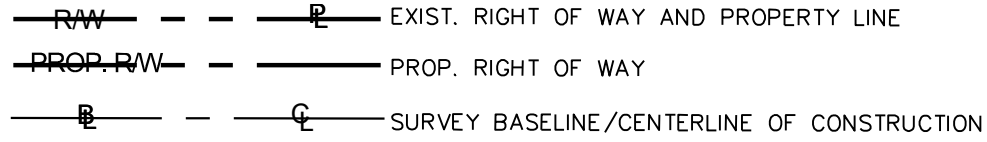
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	73898
DATE:	_____

SIGNING AND PAVEMENT MARKING PLAN

SHEET NUMBER	R-1610
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Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1601 RIGHT OF WAY MAP December 13, 2018 08:40:29am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1600 ROW PLAN (1).dwg
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DATE	DEC 2018
SCALE	AS SHOWN
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CHECKED BY	BJF

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DATE:	----

RIGHT OF WAY MAP

SHEET NUMBER	R-1701
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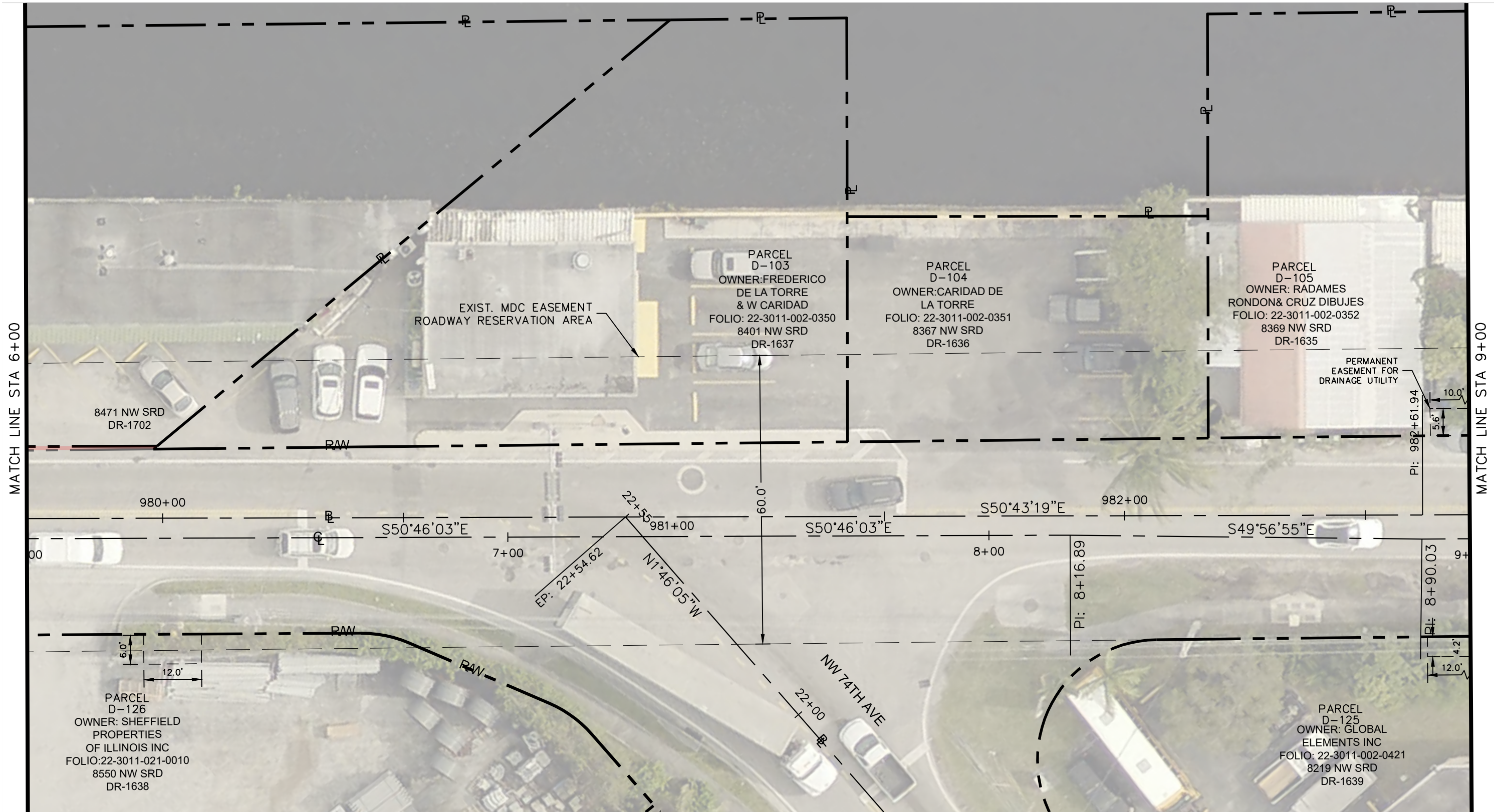
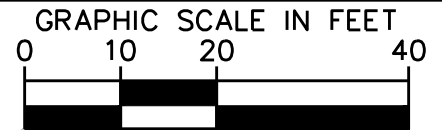
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EXIST. RIGHT OF WAY AND PROPERTY LINE
 PROP. RIGHT OF WAY
 SURVEY BASELINE/CENTERLINE OF CONSTRUCTION

EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED

 R/W TO BE ACQUIRED



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

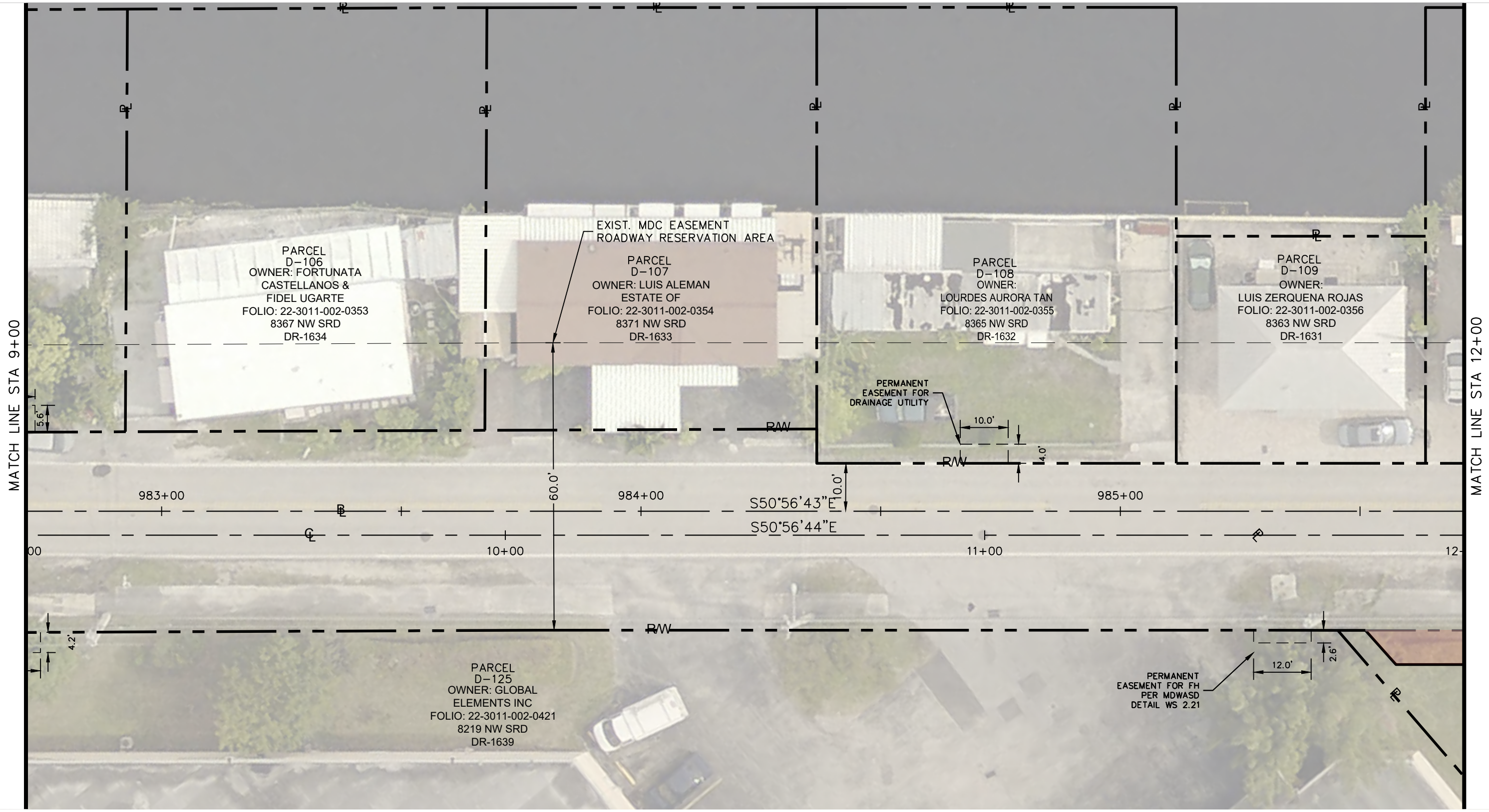
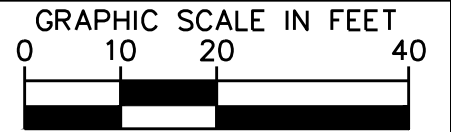
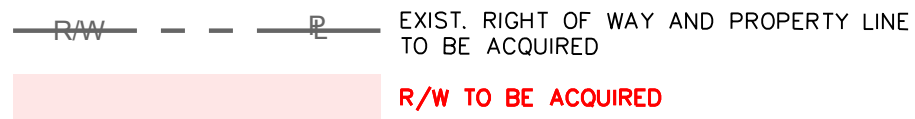
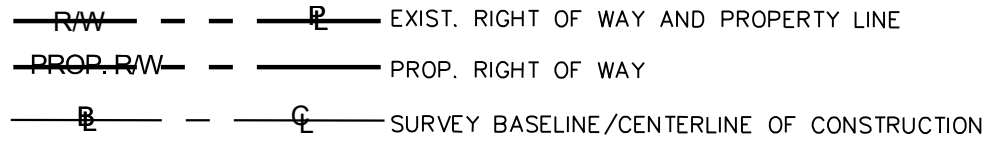
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RIGHT OF WAY MAP

SHEET NUMBER
R-1702

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1603 RIGHT OF WAY MAP December 13, 2018 08:40:40am K:\MIA_ENN\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1600 ROW PLAN (1).dwg
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DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

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 73898
 DATE: ____

RIGHT OF WAY MAP

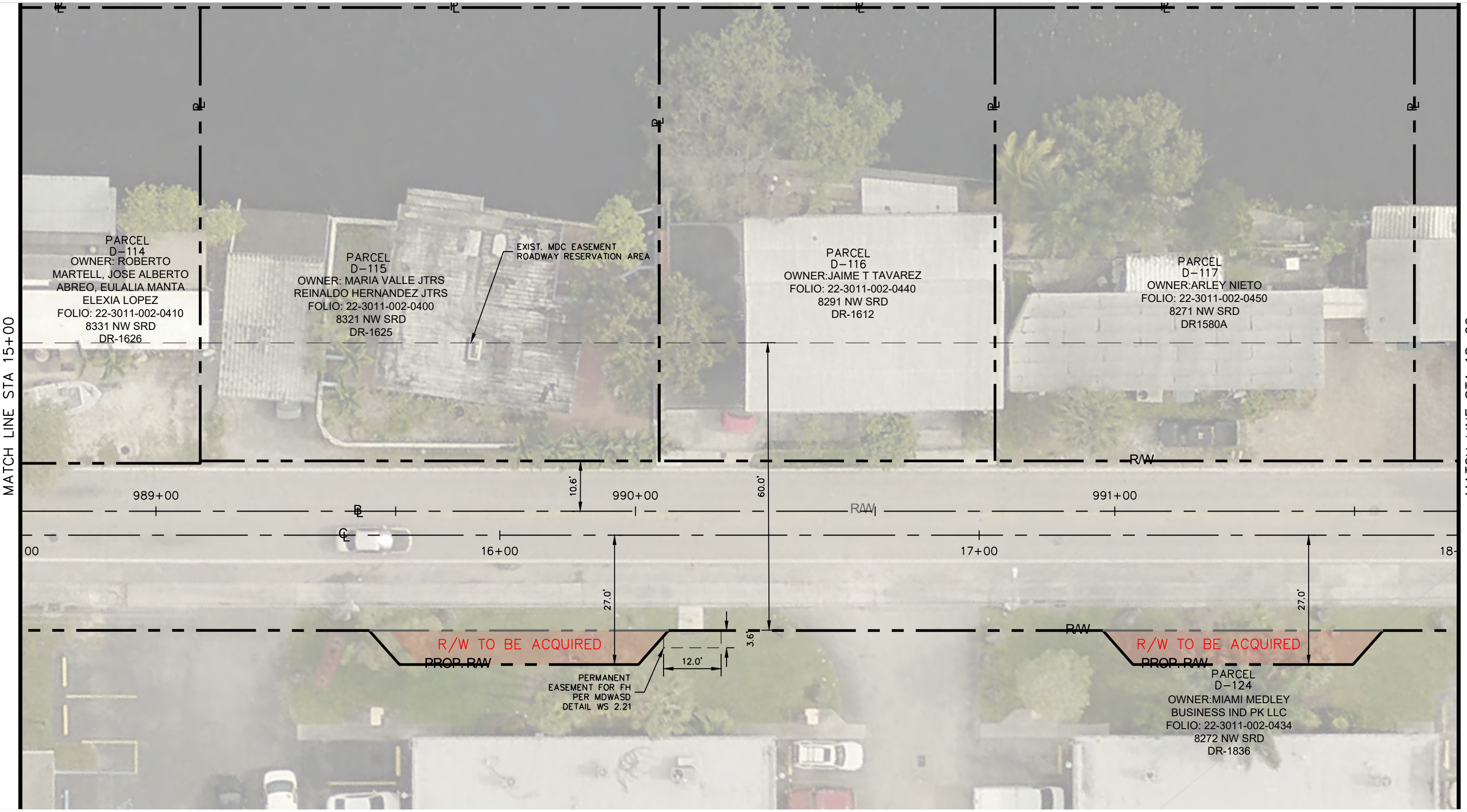
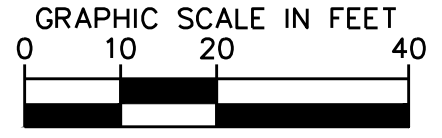
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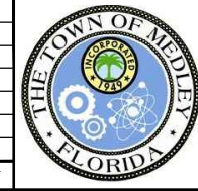
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EXIST. RIGHT OF WAY AND PROPERTY LINE
 PROP. RIGHT OF WAY
 BASELINE/CENTERLINE OF CONSTRUCTION

EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED
R/W TO BE ACQUIRED



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KHA PROJECT
 043637031
 DATE
 DEC 2018
 SCALE AS SHOWN
 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

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TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE:

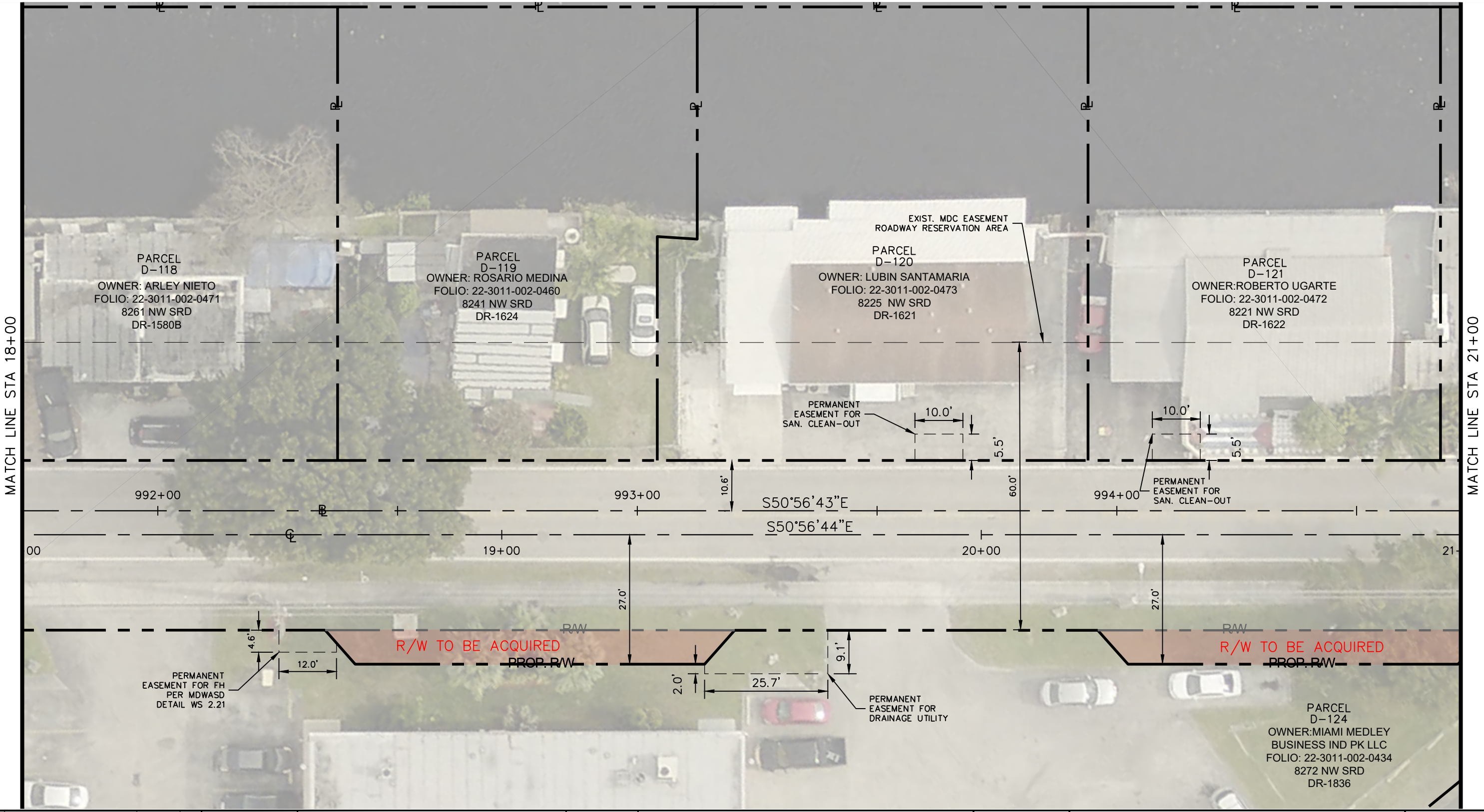
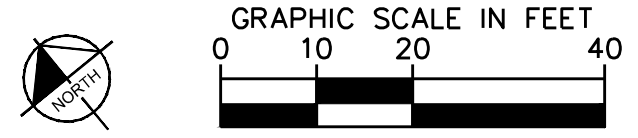
RIGHT OF WAY MAP

SHEET NUMBER
R-1705

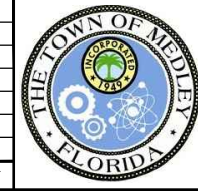
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- - - - - **RAW** - - - - - **P** EXIST. RIGHT OF WAY AND PROPERTY LINE
 - - - - - **PROP. RW** - - - - - PROP. RIGHT OF WAY
 - - - - - **B** - - - - - **C** BASELINE/CENTERLINE OF CONSTRUCTION

- - - - - **RAW** - - - - - **P** EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED
 [Red Shaded Area] **R/W TO BE ACQUIRED**



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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
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CHECKED BY	BJF

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 DATE: ____

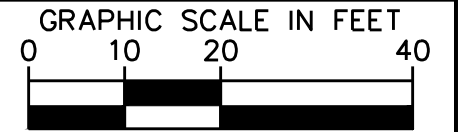
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SHEET NUMBER
R-1706

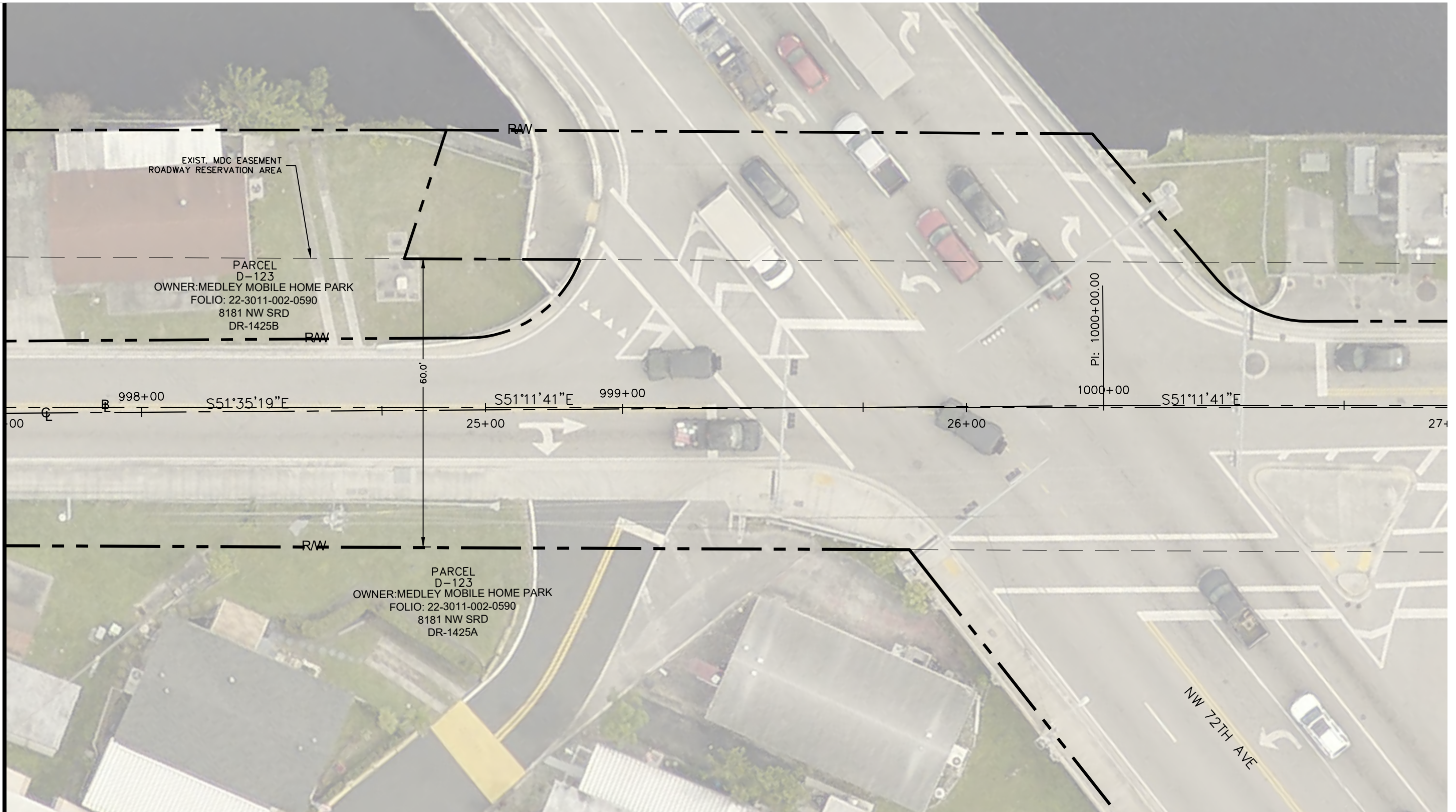
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--- R/W --- P --- EXIST. RIGHT OF WAY AND PROPERTY LINE
 --- PROP. R/W --- --- PROP. RIGHT OF WAY
 --- B --- C --- BASELINE/CENTERLINE OF CONSTRUCTION

--- R/W --- P --- EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED
 [Red Shaded Area] R/W TO BE ACQUIRED



MATCH LINE STA 24+00



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KHA PROJECT
 043637031
 DATE
 DEC 2018
 SCALE AS SHOWN
 DESIGNED BY B/JF
 DRAWN BY JPG
 CHECKED BY B/JF

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 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: ---

RIGHT OF WAY MAP

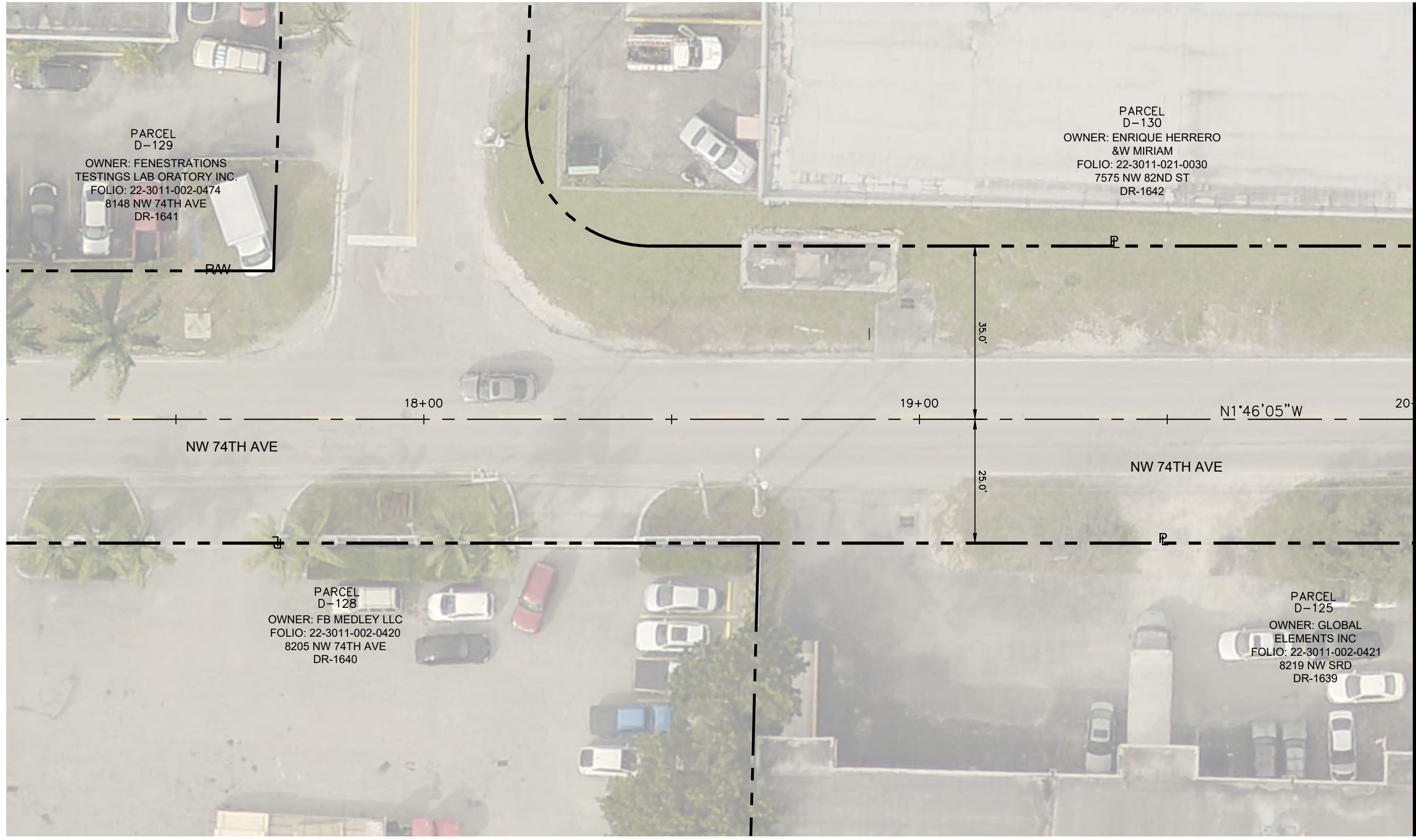
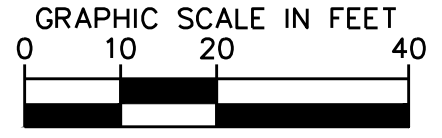
SHEET NUMBER
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Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1609 RIGHT OF WAY MAP December 13, 2018 08:41:08am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1600_ROW_PLAN (2).dwg

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R/W - - - P EXIST. RIGHT OF WAY AND PROPERTY LINE
 PROP. R/W - - - - - PROP. RIGHT OF WAY
 B - - - C BASELINE/CENTERLINE OF CONSTRUCTION

R/W - - - P EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED
 R/W TO BE ACQUIRED



PARCEL D-129
 OWNER: FENESTRATIONS TESTINGS LAB ORATORY INC.
 FOLIO: 22-3011-002-0474
 8148 NW 74TH AVE
 DR-1641

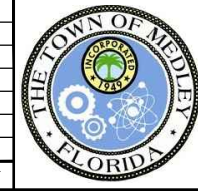
PARCEL D-130
 OWNER: ENRIQUE HERRERO & W MIRIAM
 FOLIO: 22-3011-021-0030
 7575 NW 82ND ST
 DR-1642

PARCEL D-128
 OWNER: FB MEDLEY LLC
 FOLIO: 22-3011-002-0420
 8205 NW 74TH AVE
 DR-1640

PARCEL D-125
 OWNER: GLOBAL ELEMENTS INC
 FOLIO: 22-3011-002-0421
 8219 NW SRD
 DR-1639

MATCH LINE STA 20+00

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

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PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL
 BARTON J. FYE, P.E.
 73898
 DATE: ---

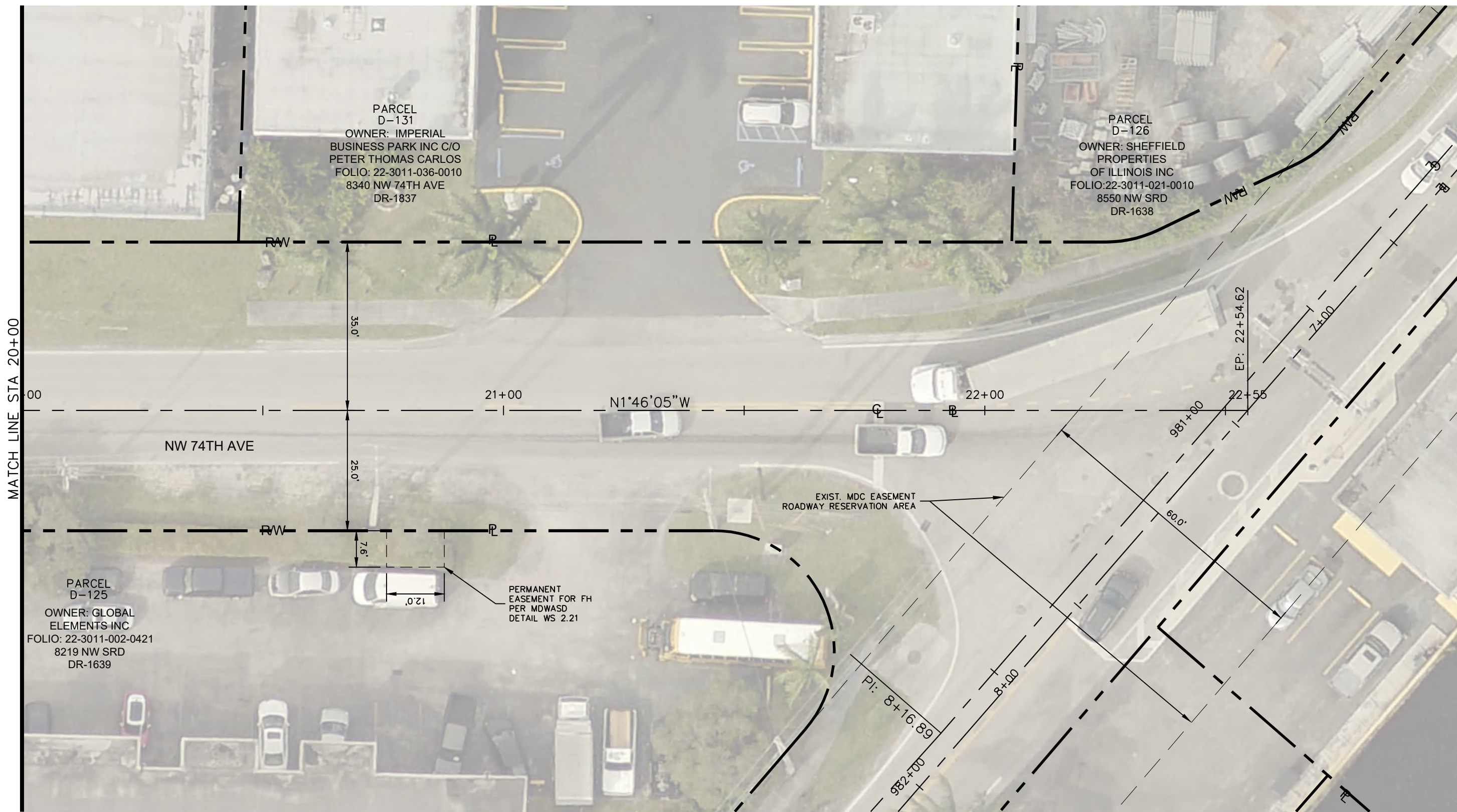
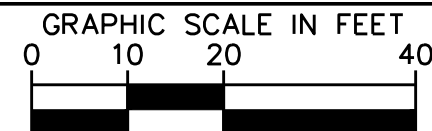
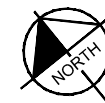
RIGHT OF WAY MAP

SHEET NUMBER
R-1709

Plotted By: Gonzalez, Juan Sheet Set: NWSRD (826-72A) PW-0112 Layout: R-1610 RIGHT OF WAY MAP December 13, 2018 08:41:12am K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\CIVIL\CADD\PlanSheets\R-1600 ROW PLAN (2).dwg
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--- RW --- P --- EXIST. RIGHT OF WAY AND PROPERTY LINE
 --- PROP. RW --- --- PROP. RIGHT OF WAY
 --- B --- C --- BASELINE/CENTERLINE OF CONSTRUCTION

--- RW --- P --- EXIST. RIGHT OF WAY AND PROPERTY LINE TO BE ACQUIRED
 [Red Box] R/W TO BE ACQUIRED



MATCH LINE STA 20+00

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KHA PROJECT	043637031
DATE	DEC 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

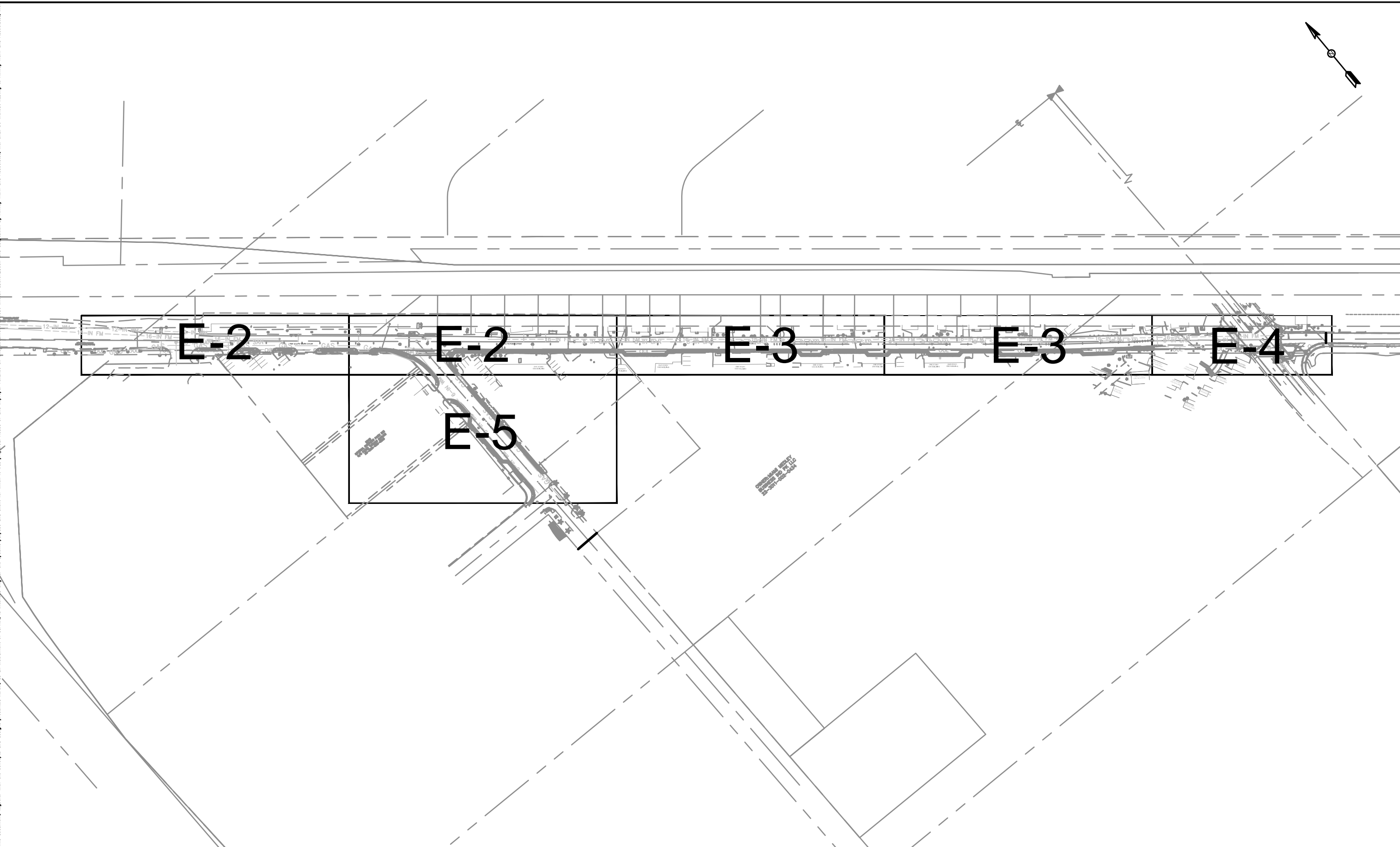
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 TOWN OF MEDLEY
 TOWN OF MEDLEY FLORIDA

LICENSED PROFESSIONAL	BARTON J. FYE, P.E.
	73898
DATE:	----

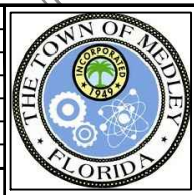
RIGHT OF WAY MAP

SHEET NUMBER
 R-1710

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 BOCA RATON, FLORIDA 33428
 (561) 451-9165
 (561) 451-4886 FAX
 LICENSE NO: EB 0006877

KHA PROJECT
 043637031
 DATE
 SCALE AS SHOWN
 DESIGNED BY
 DRAWN BY
 CHECKED BY

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

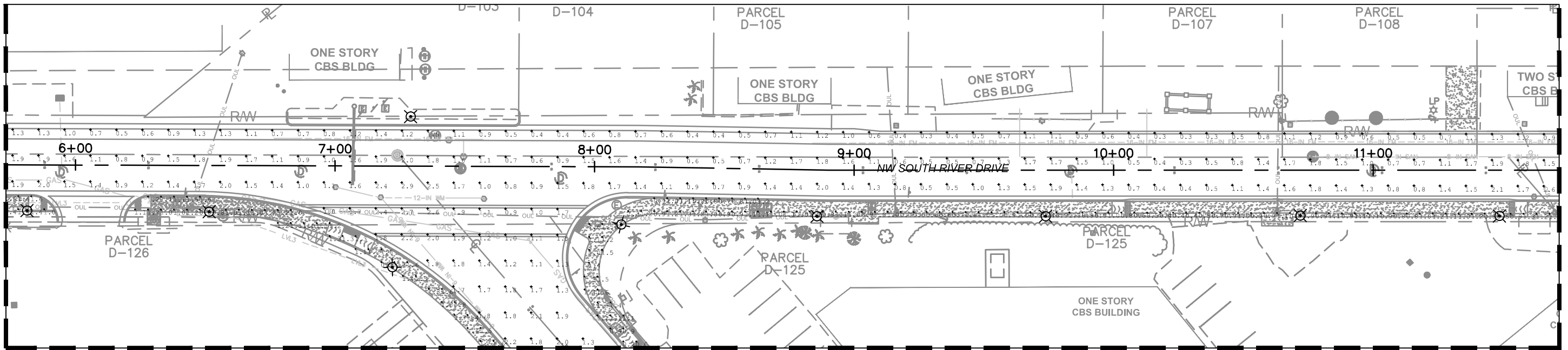
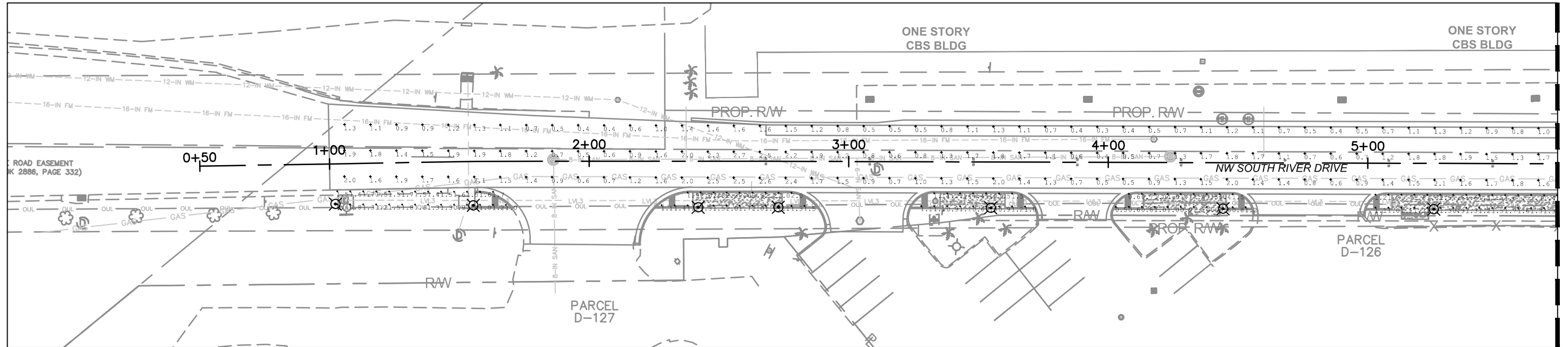
AMY L. CHAMPAGNE-BAKER
 FL PE 73735


PHOTOMETRIC
 KEY MAP

Digitally signed by Amy Champagne-Baker, PE
 Reason: This item has been digitally signed and sealed
 Date: 2018.12.12 11:46:03 -05'00'

SHEET NUMBER
E-1

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MATCH LINE(SEE ABOVE)

MATCH LINE(SEE BELOW)

MATCH LINE(SEE SHEET E-3)

PHOTOMETRIC CALCULATIONS

ROADWAY						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
10'	+	0.30	3.40	1.33	11.33	4.43

SIDEWALK						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	0.40	2.60	1.27	6.50	3.18

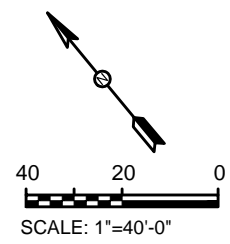
PARKING SPACE						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	1.00	2.70	1.77	2.70	1.77

DESIGN CRITERIA

ACCORDING TO THE SECTION 33-4-1, THE LIGHTING CRITERIA FOR THIS LOCATION IS A MINIMUM OF 1/3 FOOT CANDLE ON TRAVEL LANES, 1 FOOT CANDLE IN PARKING AREAS, AND MAXIMUM TO MINIMUM SHALL NOT EXCEED 12:1.

LEGEND

⊗ = NEW LED STREET LIGHT WITH A 17' MOUNTING HEIGHT INSTALLED AT BACK OF SIDEWALK. GE CATALOG NUMBER: EPTC-02-07-A4-XX. FIXTURE AND POLE SHALL BE PROVIDED AND INSTALLED BY FPL. TOTAL NUMBER OF LIGHT FIXTURES: 47



No.	REVISIONS	DATE	BY



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 (561) 451-9165
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 LICENSE NO: EB 0006877

KHA PROJECT
 043637031
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NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY

AMY L. CHAMPAGNE-BAKER
 FL PE 73735

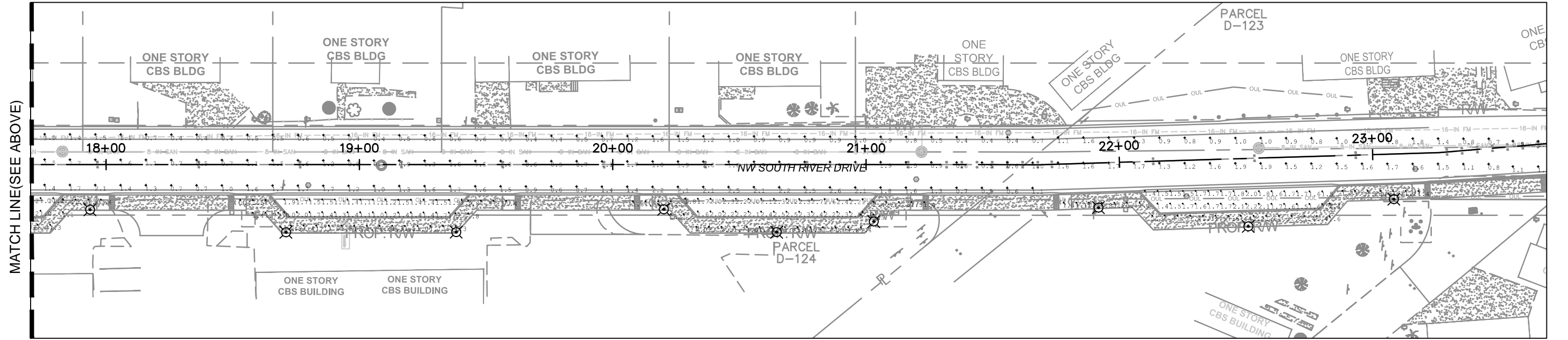
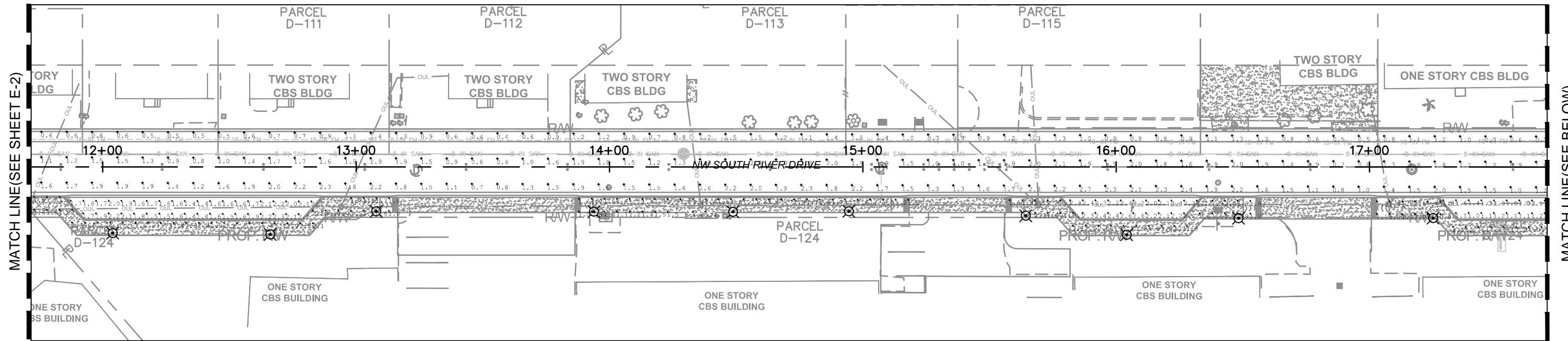
 Digitally signed by Amy Champagne-Baker, PE
 Reason: This item has been digitally signed and sealed.
 Date: 2018.12.12 11:46:03 -05'00'

FLORIDA DATE:

PHOTOMETRIC PLAN SHEET

SHEET NUMBER
E-2

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PHOTOMETRIC CALCULATIONS

ROADWAY						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
10'	+	0.30	3.40	1.33	11.33	4.43

SIDEWALK						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	0.40	2.60	1.27	6.50	3.18

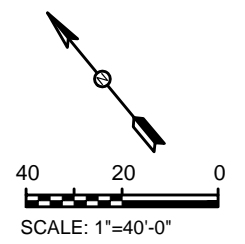
PARKING SPACE						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	1.00	2.70	1.77	2.70	1.77

DESIGN CRITERIA

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LEGEND

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 LICENSE NO: EB 0006877

KHA PROJECT
 043637031
 DATE
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NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY

AMY L. CHAMPAGNE-BAKER
 FL PE 73735

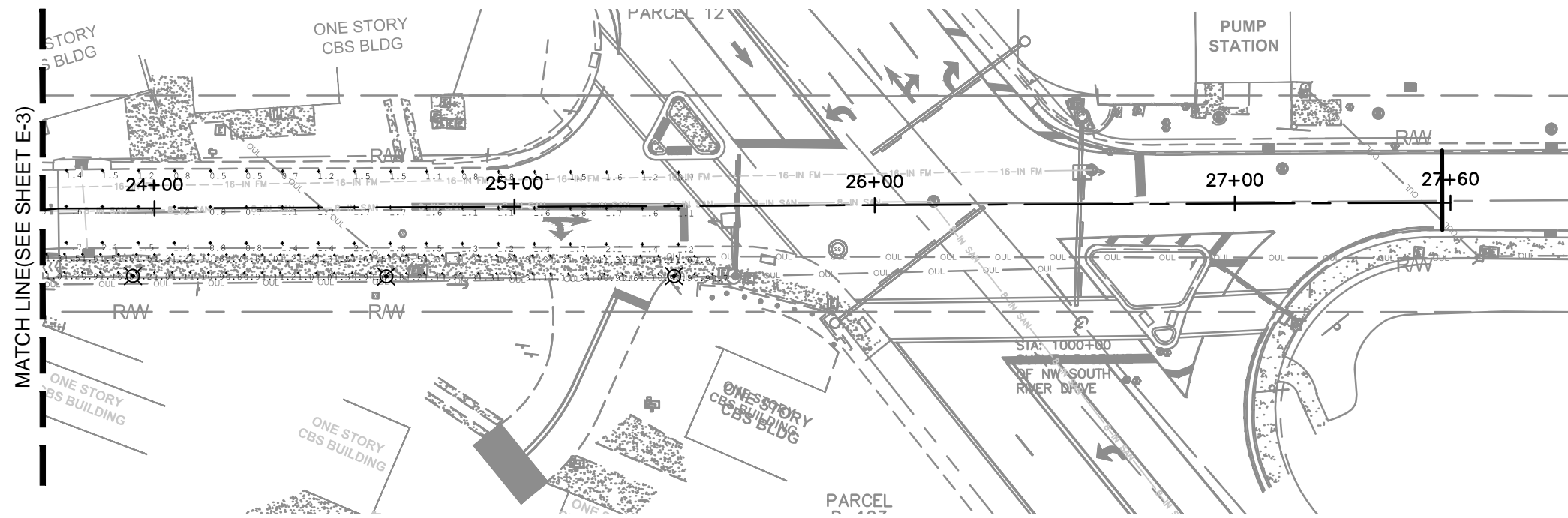
FLORIDA DATE:

PHOTOMETRIC PLAN SHEET

SHEET NUMBER

E-3

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PHOTOMETRIC CALCULATIONS

ROADWAY						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
10'	+	0.30	3.40	1.33	11.33	4.43

SIDEWALK						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	0.40	2.60	1.27	6.50	3.18

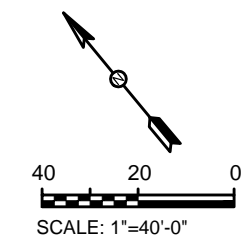
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SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	1.00	2.70	1.77	2.70	1.77

DESIGN CRITERIA

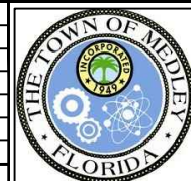
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LEGEND

⊗ = NEW LED STREET LIGHT WITH A 17' MOUNTING HEIGHT INSTALLED AT BACK OF SIDEWALK. GE CATALOG NUMBER: EPTC-02-07-A4-XX. FIXTURE AND POLE SHALL BE PROVIDED AND INSTALLED BY FPL. TOTAL NUMBER OF LIGHT FIXTURES: 47



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KHA PROJECT
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NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY

AMY L. CHAMPAGNE-BAKER
 FL PE 73735

FLORIDA DATE:

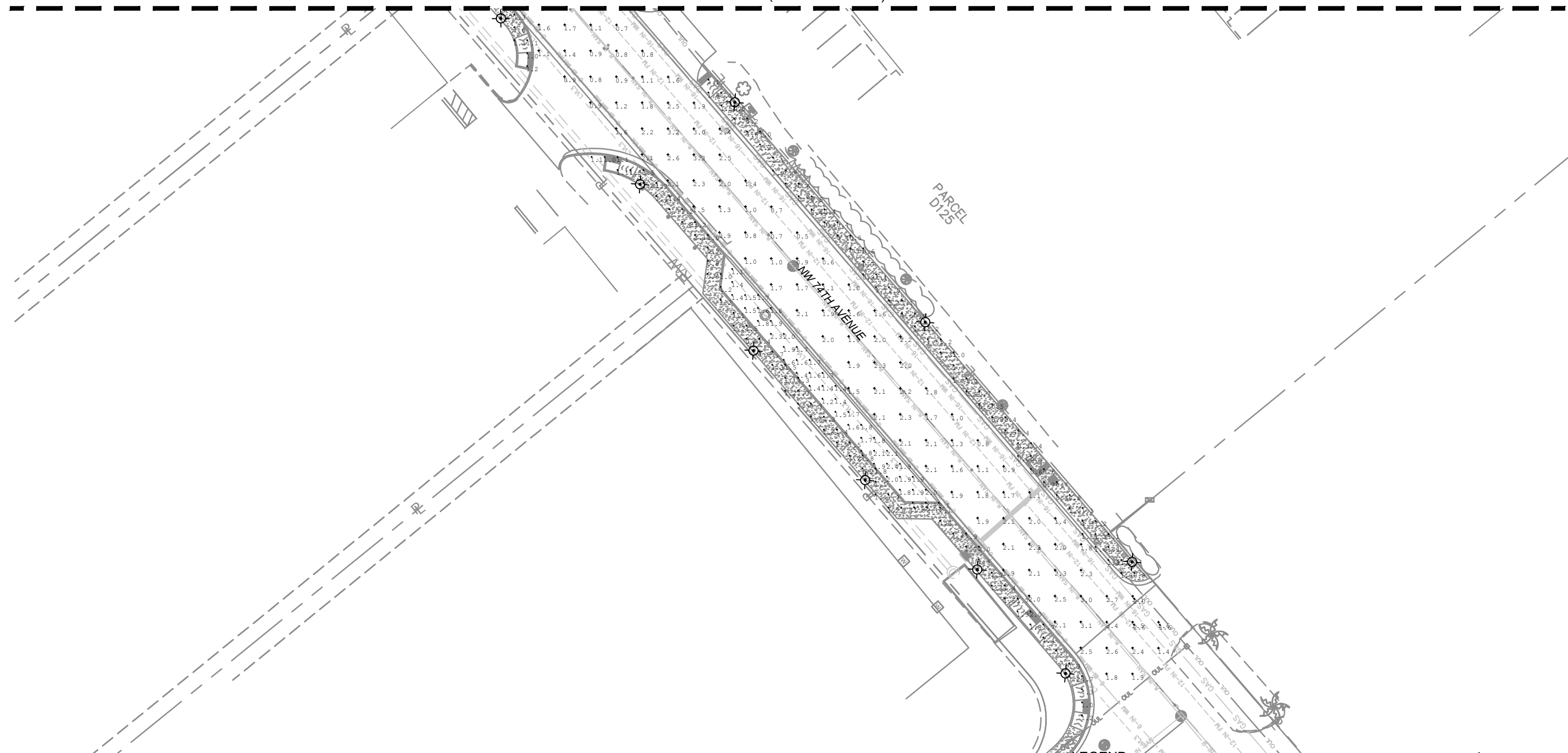
PHOTOMETRIC PLAN SHEET

SHEET NUMBER

E-4

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MATCH LINE(SEE SHEET E-2)



PHOTOMETRIC CALCULATIONS

ROADWAY						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
10'	+	0.30	3.40	1.33	11.33	4.43

PARKING SPACE						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	1.00	2.70	1.77	2.70	1.77

SIDEWALK						
SPACING	SYMBOL	MINIMUM(FC)	MAXIMUM(FC)	AVERAGE(FC)	MAX/MIN	AVG/MIN
5'	+	0.40	2.60	1.27	6.50	3.18

DESIGN CRITERIA
 ACCORDING TO THE SECTION 33-4-1, THE LIGHTING CRITERIA FOR THIS LOCATION IS A MINIMUM OF 1/3 FOOT CANDLE ON TRAVEL LANES, 1 FOOT CANDLE IN PARKING AREAS, AND MAXIMUM TO MINIMUM SHALL NOT EXCEED 12:1.

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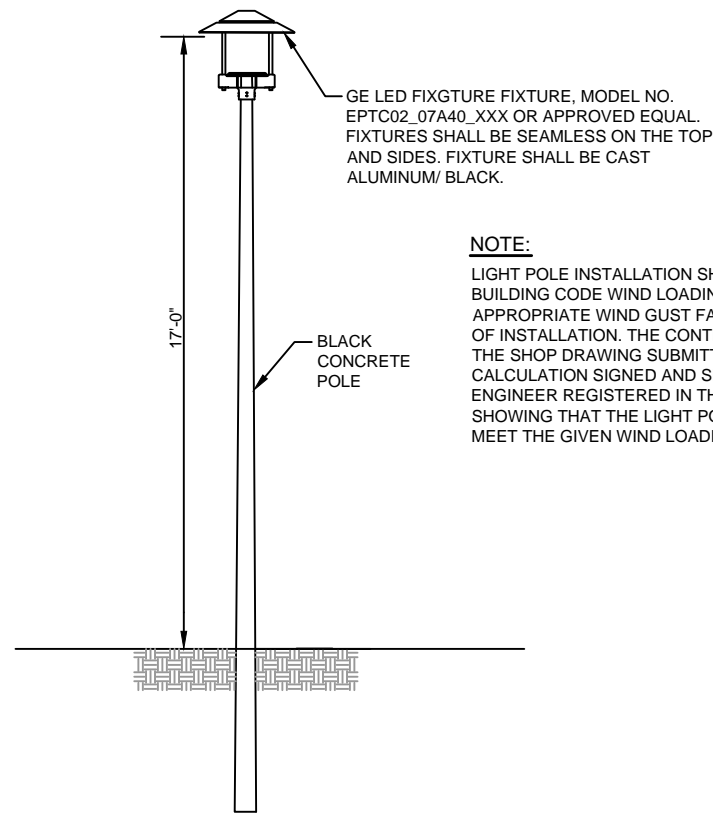
NWSRD (826-72A) PW-0112
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TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

AMY L. CHAMPAGNE-BAKER
 FL PE 73735
 DATE:

PHOTOMETRIC PLAN SHEET

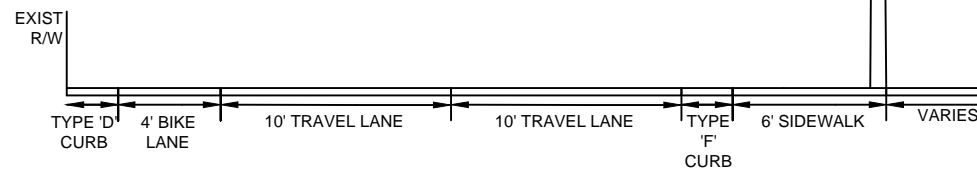
SHEET NUMBER
E-5

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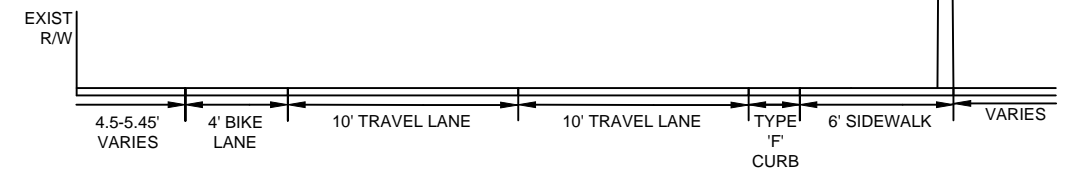


NOTE:
 LIGHT POLE INSTALLATION SHALL MEET FLORIDA BUILDING CODE WIND LOADING REQUIREMENT WITH APPROPRIATE WIND GUST FACTOR FOR THE LOCATION OF INSTALLATION. THE CONTRACTOR SHALL INCLUDE THE SHOP DRAWING SUBMITTAL, A WIND LOADING CALCULATION SIGNED AND SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF FLORIDA SHOWING THAT THE LIGHT POLE INSTALLATION WILL MEET THE GIVEN WIND LOADING REQUIREMENT.

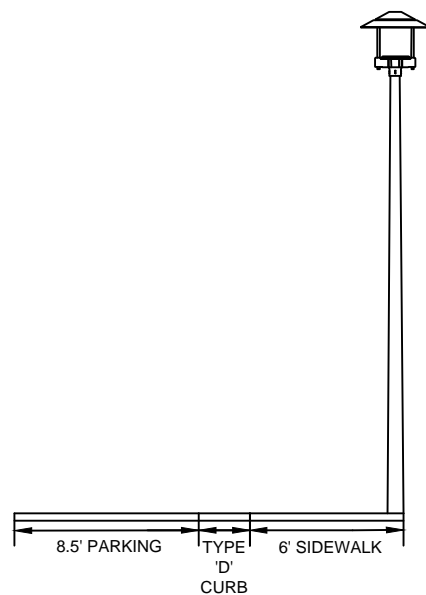
ROADWAY LIGHTING FIXTURE AND POLE DETAIL
 NOT TO SCALE



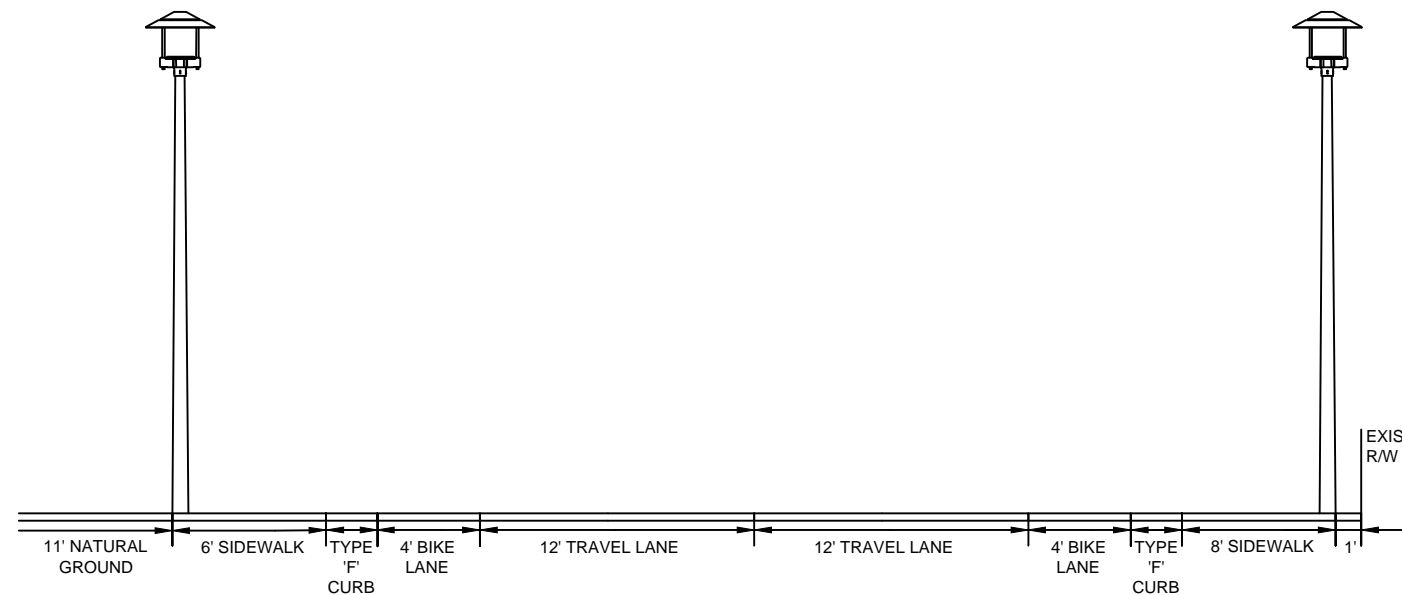
TYPICAL SECTION NW SOUTH RIVER DR
 (NOT TO SCALE)
 2+40.00 TO STA. 3+11.00
 STA. 8+15.00 TO STA. 14+40.00
 STA. 21+73.31 TO STA. 22+20.78



TYPICAL SECTION NW SOUTH RIVER DR
 (NOT TO SCALE)
 3+11.00 TO STA. 6+52.51
 STA. 21+50.00 TO STA. 23+22.4

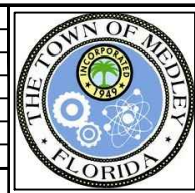


PARALLEL PARKING TYPICAL LAYOUT
 (NOT TO SCALE)



TYPICAL SECTION NW 74TH AVE
 (NOT TO SCALE)
 STA. 18+30.00 TO STA. 21+67.00

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 (561) 451-9165
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KHA PROJECT
 043637031
 DATE
 SCALE AS SHOWN
 DESIGNED BY
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 CHECKED BY

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 FLORIDA

AMY L. CHAMPAGNE-BAKER
 FL PE 73735

 DATE: 2018.12.12 11:46:03

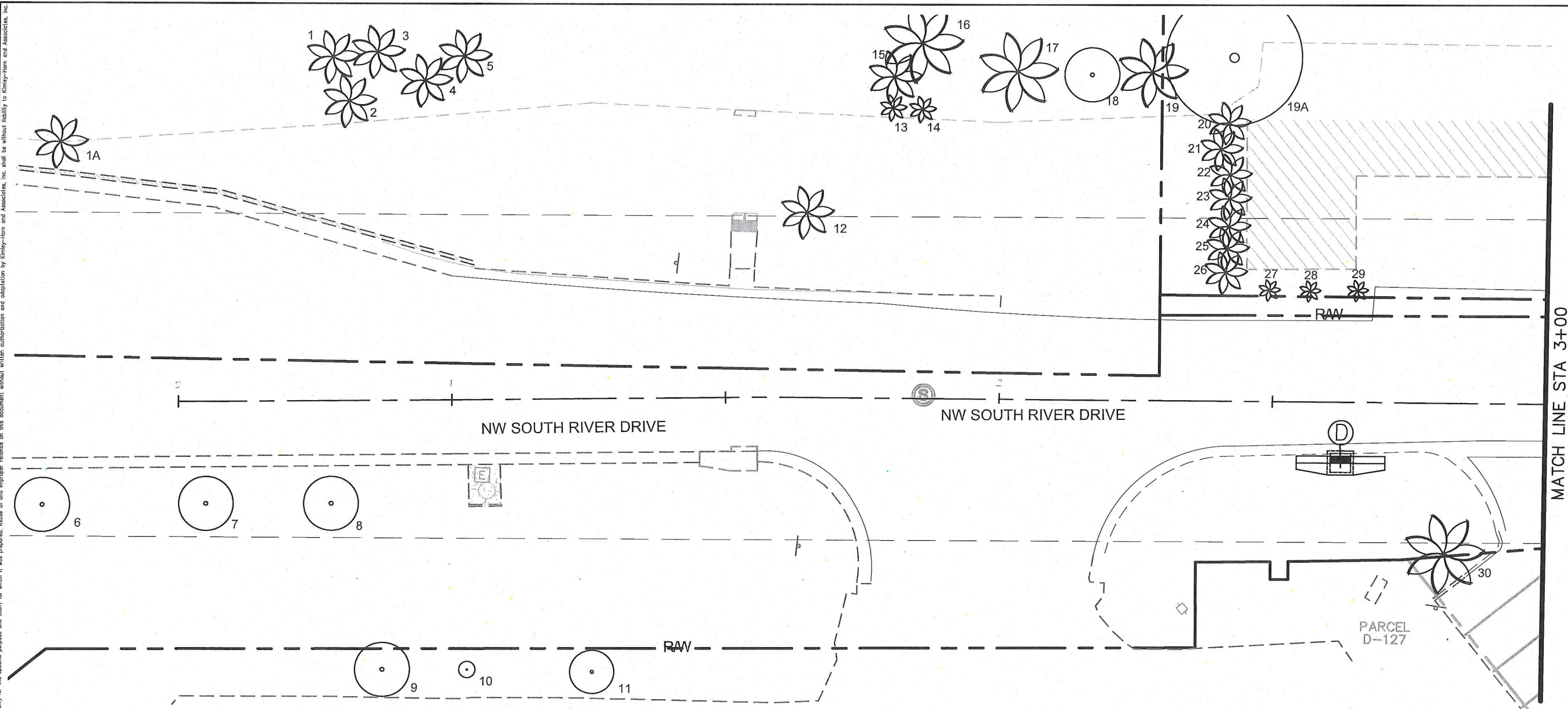
Digitally signed by Amy Champagne-Baker, PE
 Reason: This item has been digitally signed and sealed
 Date: 2018.12.12 11:46:03 -05'00'

ELECTRICAL DETAILS

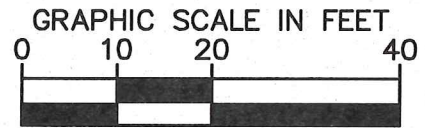
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E-6

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- LEGEND:**
- # EXISTING TREE
 - # EXISTING PALM



No.	REVISIONS	DATE	BY

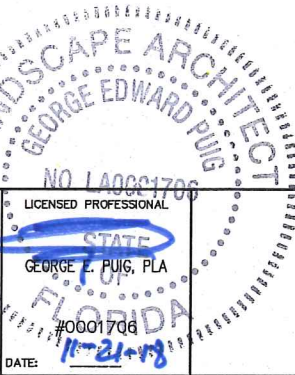


Kimley»Horn

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 PHONE: 305-673-2025
 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

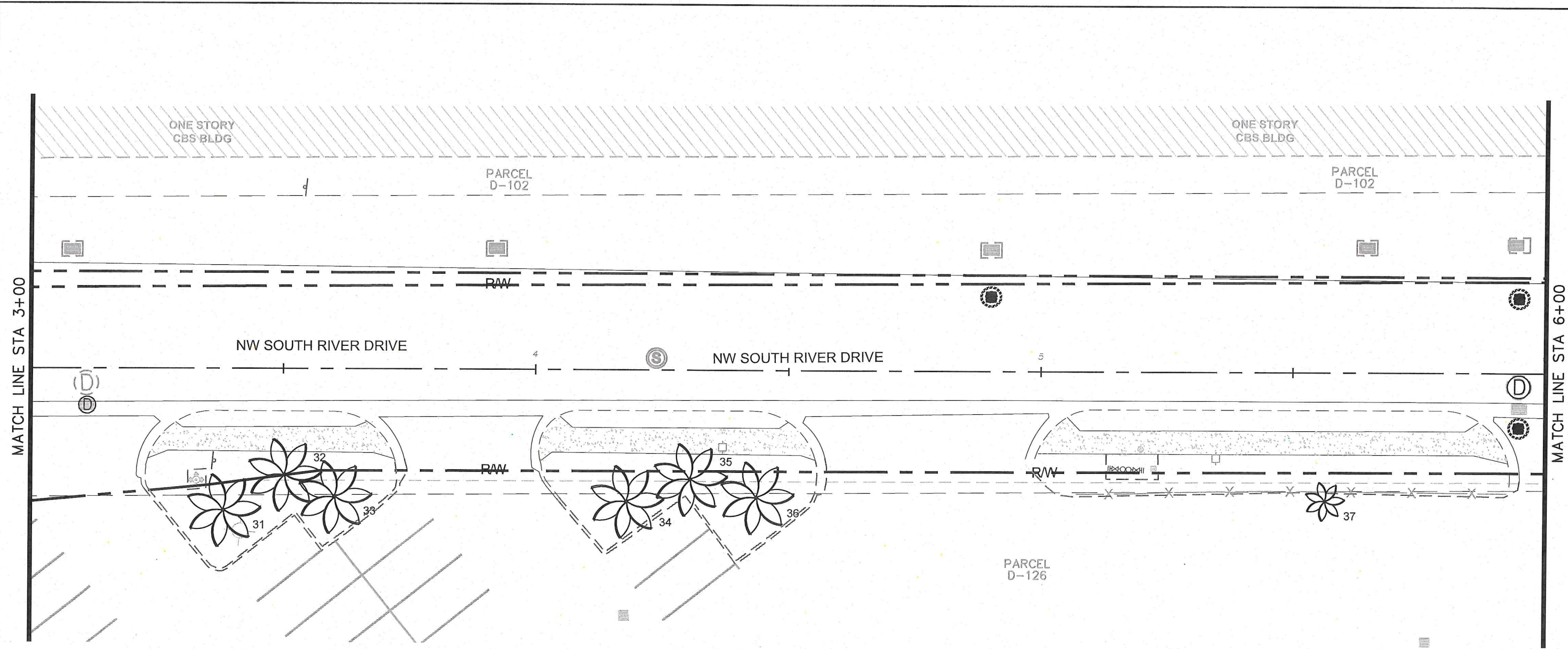
NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY



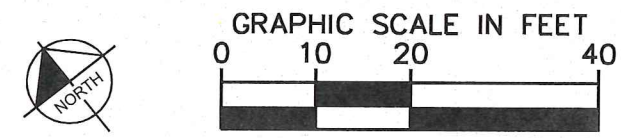
TREE INVENTORY

SHEET NUMBER
L-1100

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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



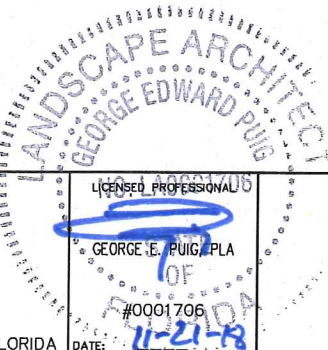
No.	REVISIONS	DATE	BY



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KHA PROJECT
 043637031
 DATE
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 SCALE AS SHOWN
 DESIGNED BY MW
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NWSRD (826-72A) PW-0112
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 TOWN OF MEDLEY
 TOWN OF MEDLEY

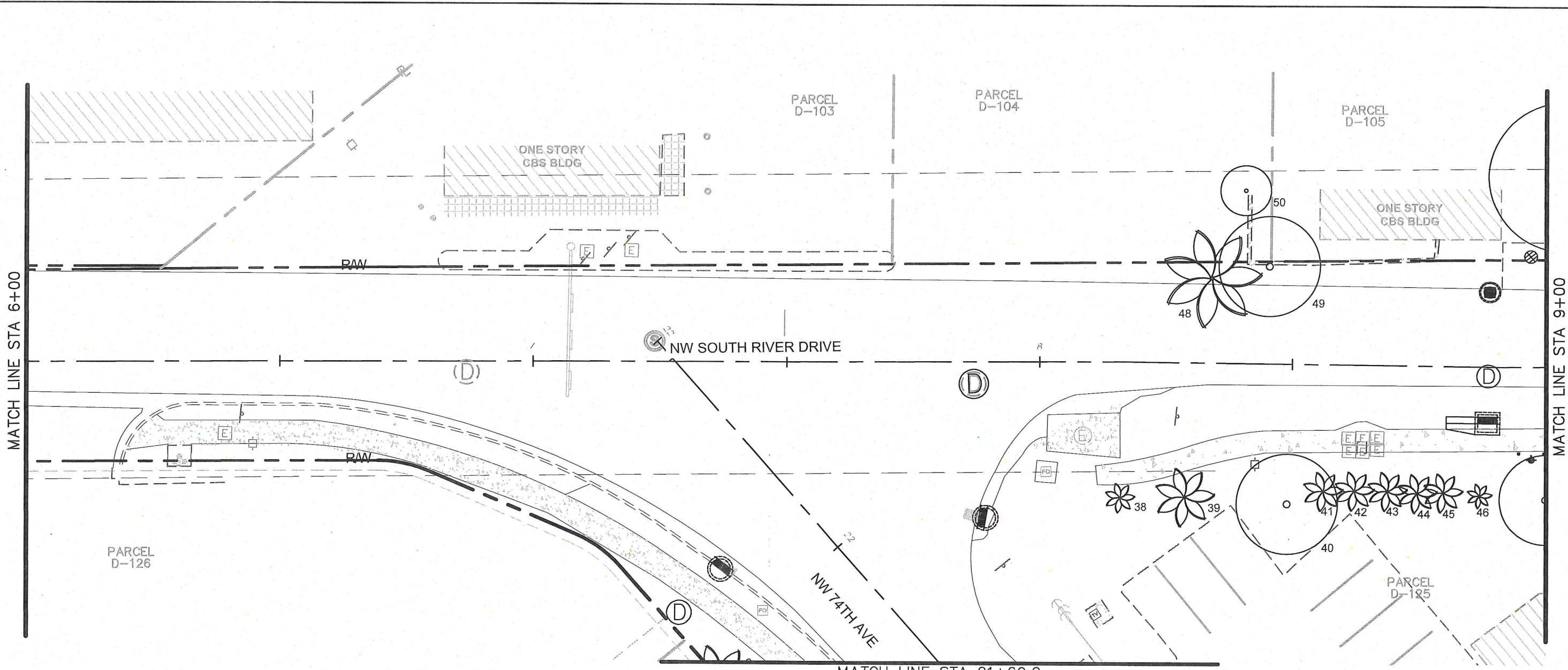


TREE INVENTORY

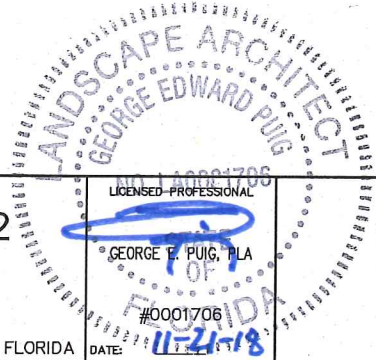
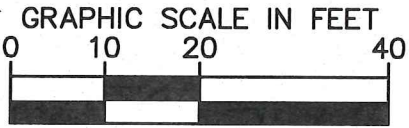
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



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KHA PROJECT
043637031
 DATE
NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY

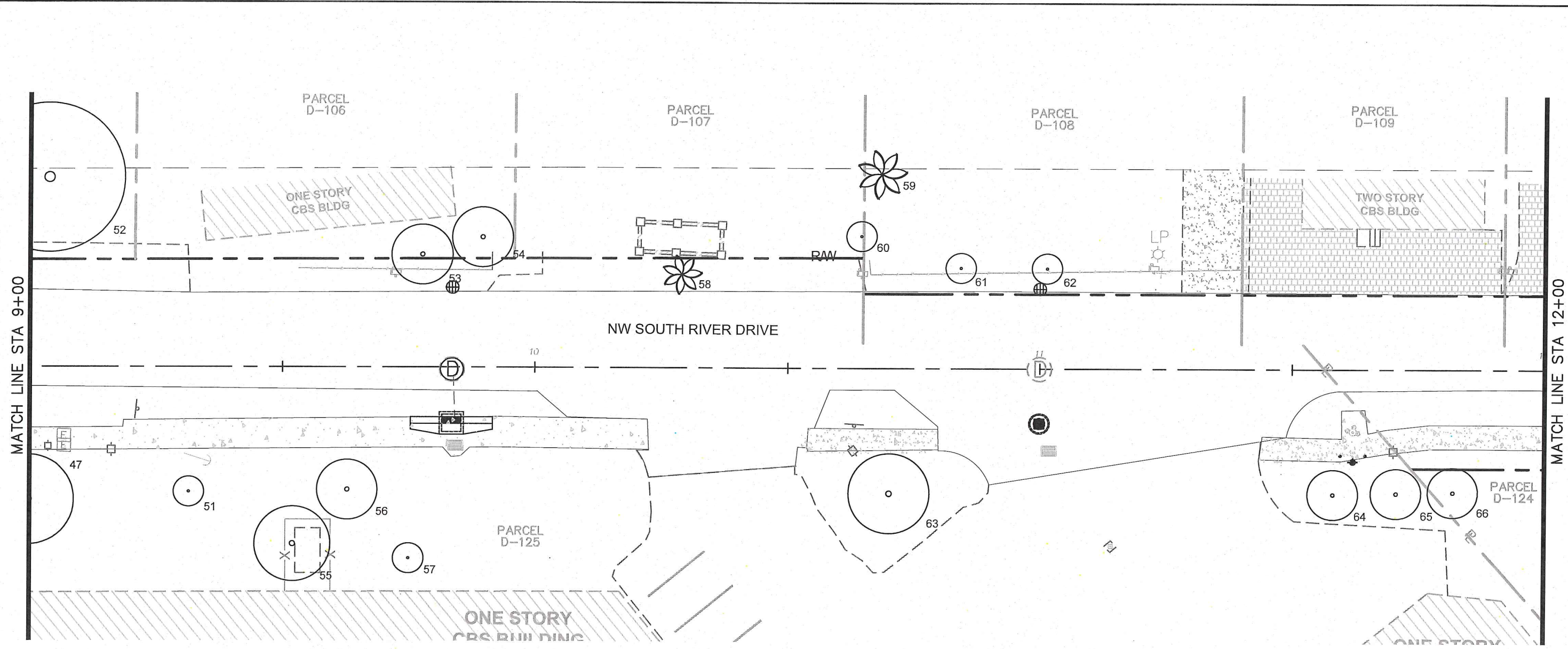
FLORIDA
 DATE: 11-21-18

TREE INVENTORY

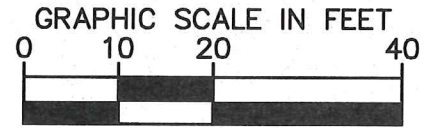
SHEET NUMBER
L-1102

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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

NWSRD (826-72A) PW-0112
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 TOWN OF MEDLEY
 FLORIDA

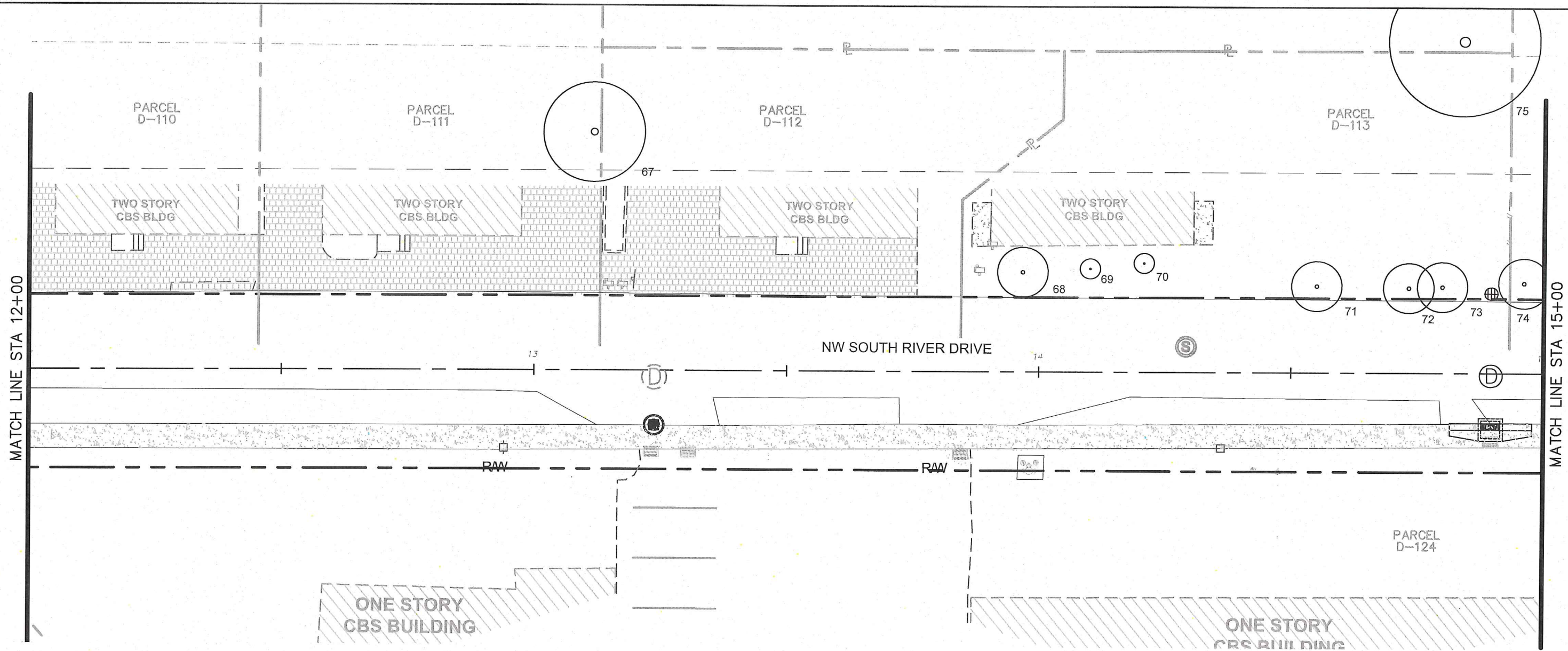
LANDSCAPE ARCHITECT
 GEORGE EDWARD PUG
 LICENSED PROFESSIONAL
 GEORGE E. PUG, P.A.
 #0001706
 DATE: 11-21-18

TREE INVENTORY

SHEET NUMBER
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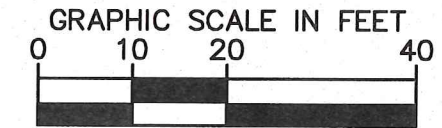
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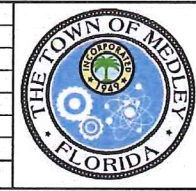
MATCH LINE STA 12+00

MATCH LINE STA 15+00

- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

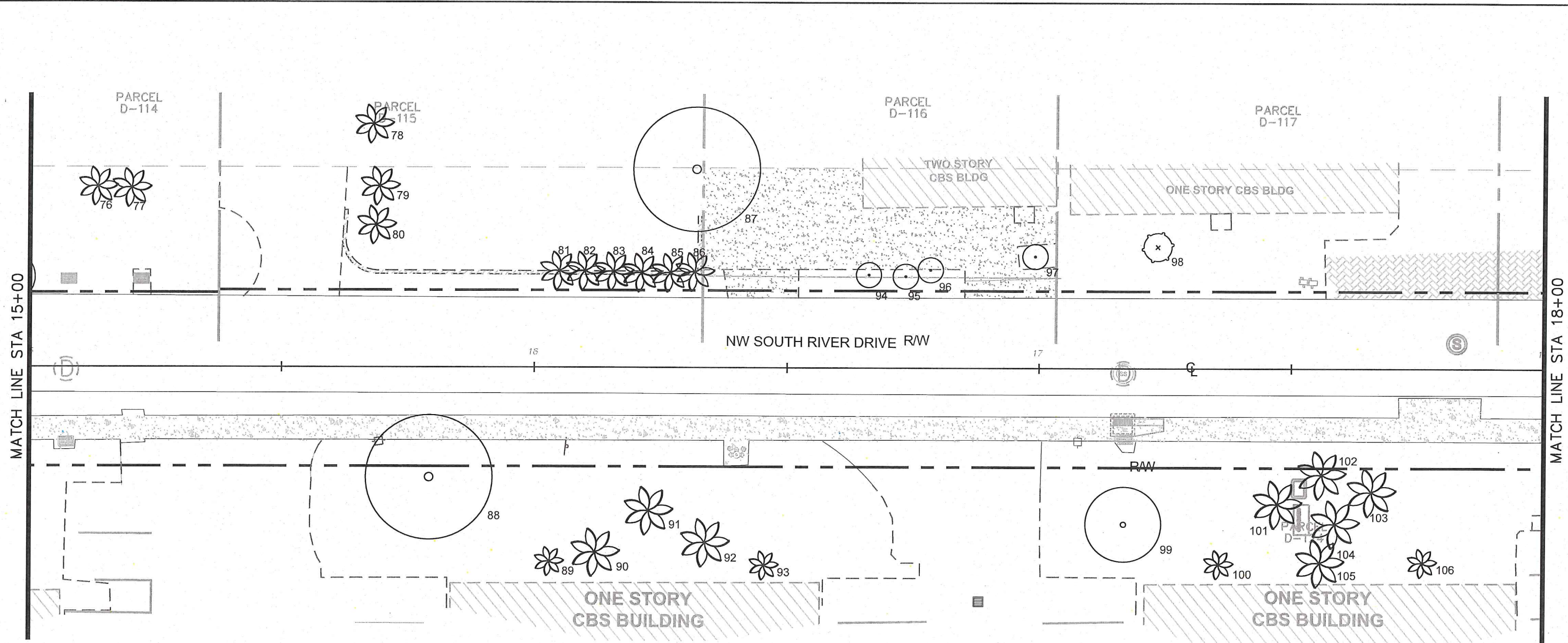
NWSRD (826-72A) PW-0112
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LANDSCAPE ARCHITECT
 GEORGE EDWARD PUG
 LICENSED PROFESSIONAL
 GEORGE E. PUG, PLA
 OF
 #0001706
 DATE: 11-21-18

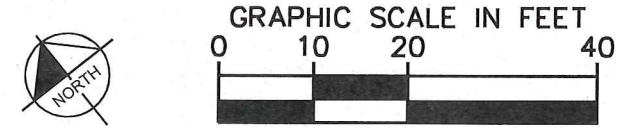
TREE INVENTORY

SHEET NUMBER
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- LEGEND:
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 - # SURVEYED PLANT MATERIAL NO LONGER EXISTENT



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KHA PROJECT
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 DATE
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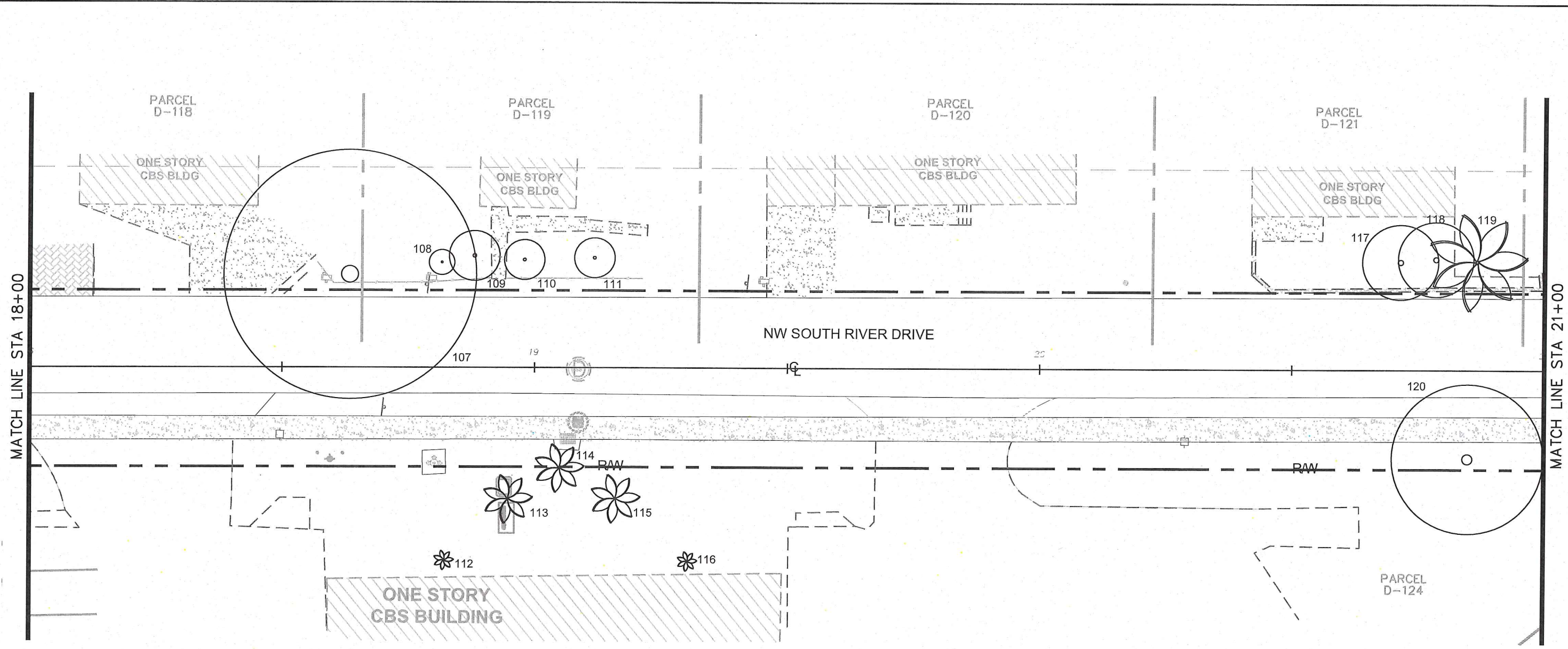
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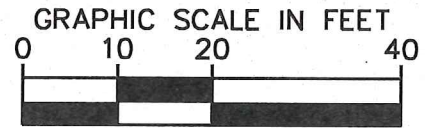
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LEGEND:
 ○ # EXISTING TREE
 🌴 # EXISTING PALM



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KHA PROJECT
 043637031
 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
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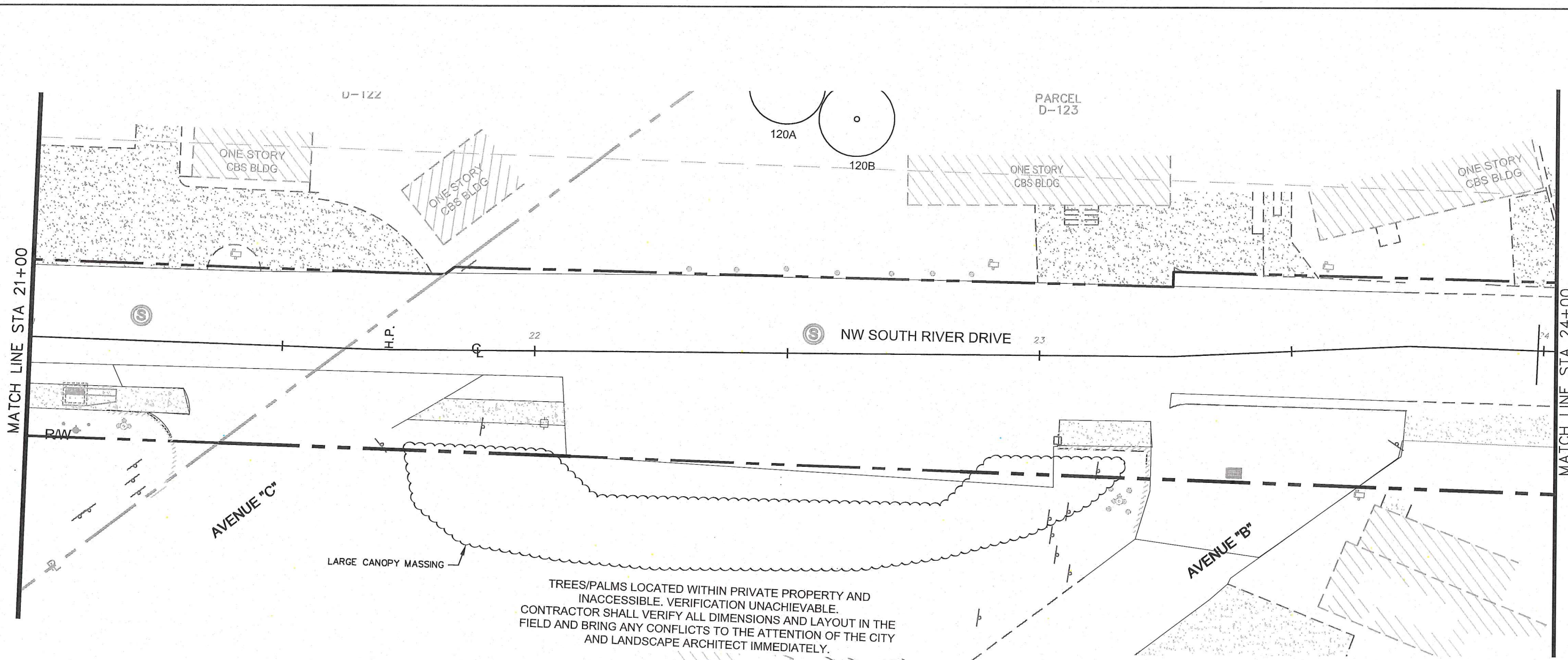
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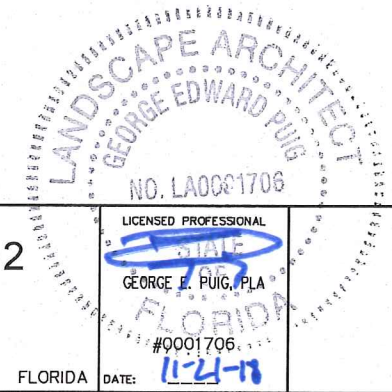
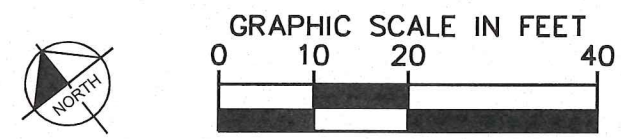
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- LEGEND:
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 - # EXISTING PALM



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KHA PROJECT
 043637031
 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

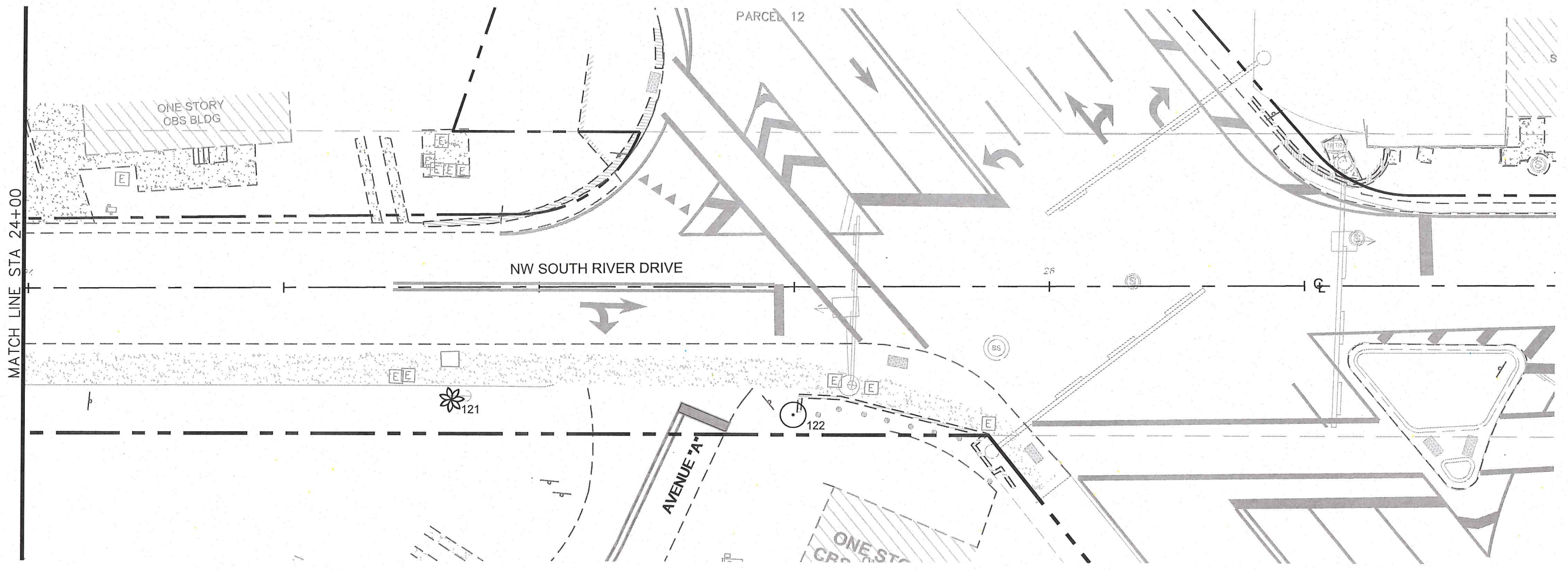
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 STATE OF FLORIDA
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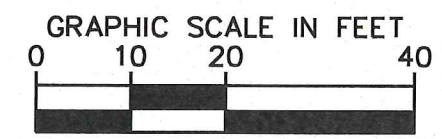
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SHEET NUMBER
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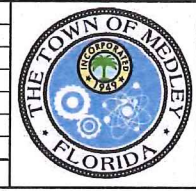
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



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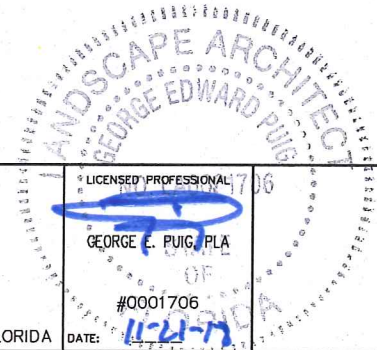
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 DATE
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 SCALE AS SHOWN
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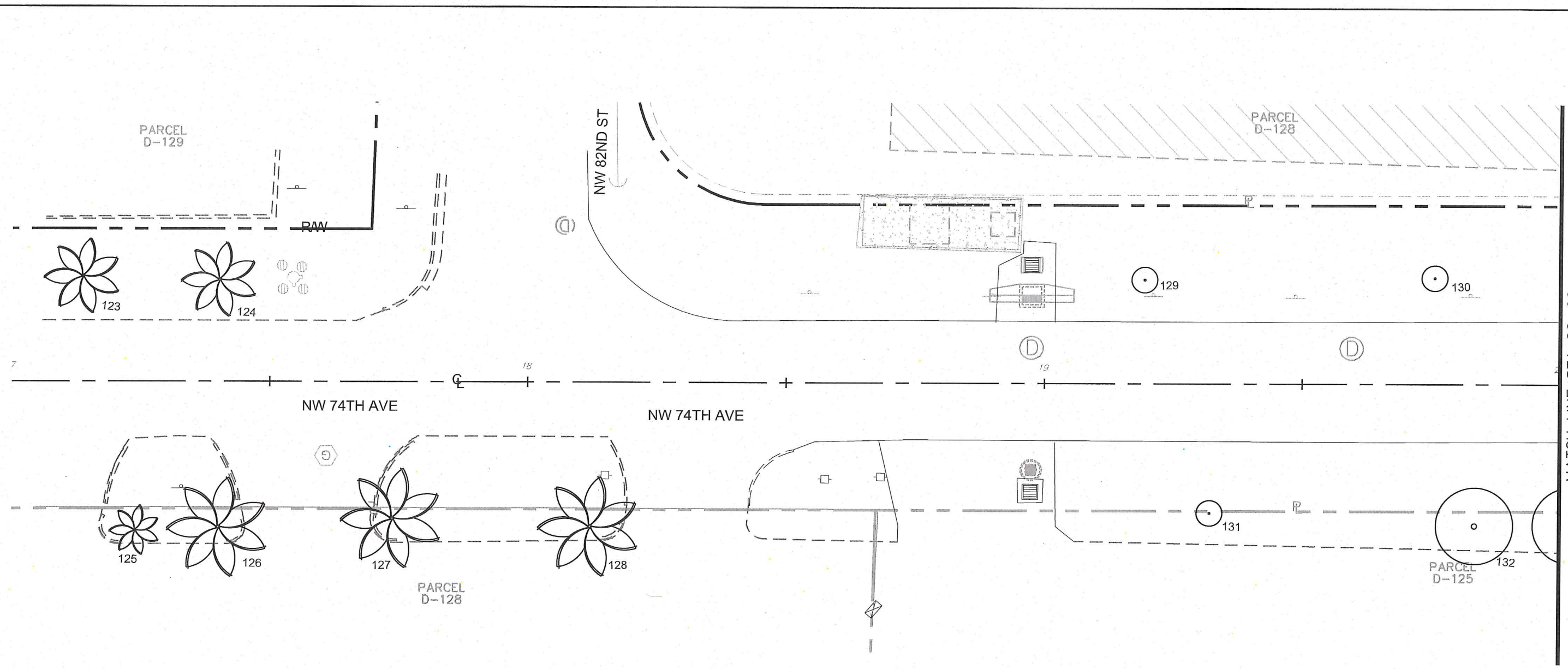
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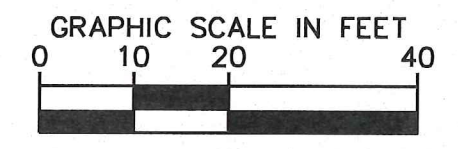
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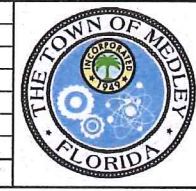
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM



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KHA PROJECT
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 DATE
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 SCALE AS SHOWN
 DESIGNED BY MW
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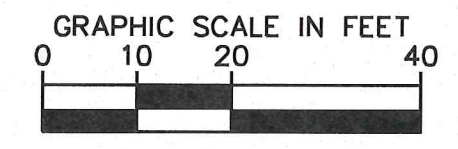
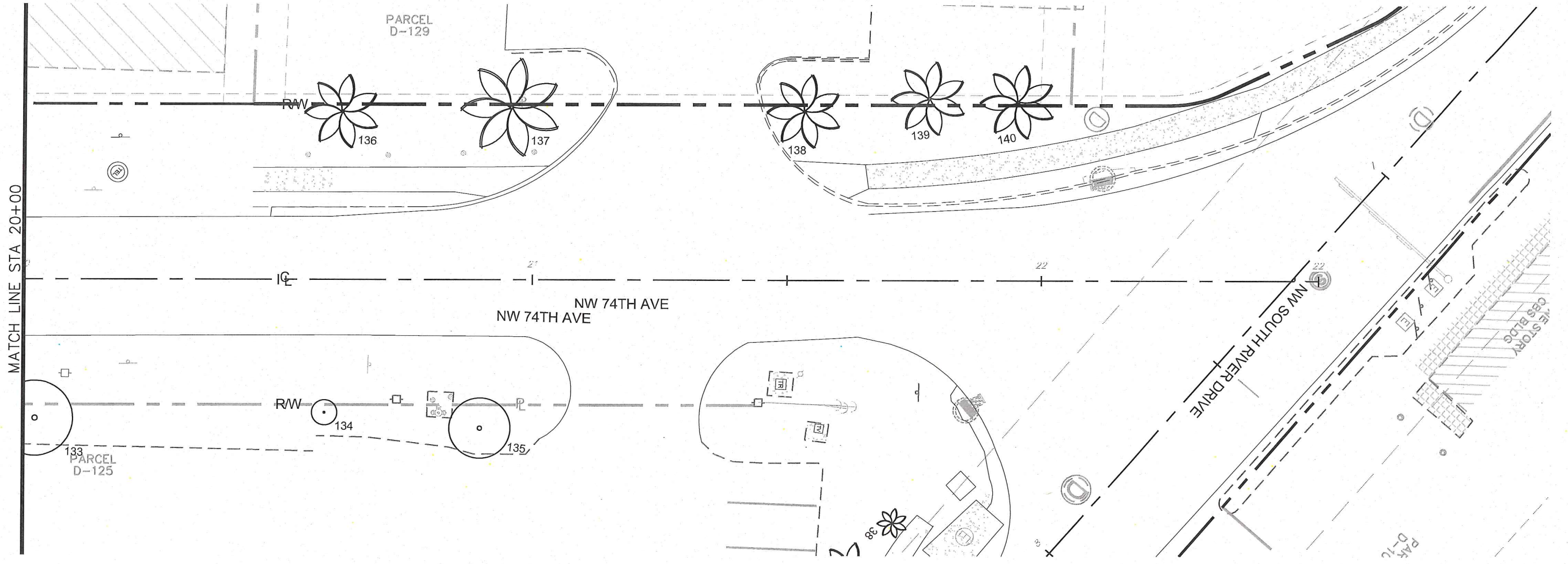
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 DATE: 11-21-18

TREE INVENTORY

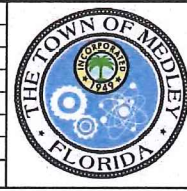
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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
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NWSRD (826-72A) PW-0112
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TREE INVENTORY

SHEET NUMBER
 L-1110

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TREE NO.	COMMON NAME	SCIENTIFIC NAME	DBH (IN)	HEIGHT (FT)	CANOPY Ø (FT)	TREE CONDITION
103	Cabbage Palm	<i>Sabal palmetto</i>	10	25	10	good
104	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good
105	Mexican Fan Palm	<i>Washingtonia robusta</i>	0	0	0	Dead Trunk
106	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	6	good
107	*Mahogany	<i>Swietenia mahagoni</i>	42	40	50	good
108	*Red Edge Dracena	<i>Dracena Marginata</i>	-	-	-	good
109	*Umbrella Tree	<i>Schefflera actinophylla</i>	-	-	-	good
110	*Monkey Puzzle	<i>Araucaria araucana</i>	-	-	-	good
111	*Umbrella Tree	<i>Schefflera actinophylla</i>	-	-	-	good
112	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	4	good
113	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good
114	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good
115	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good
116	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	4	good
117	Mango Tree	<i>Mangifera indica</i>	16	15	15	good
118	Tree	-	-	-	-	good
119	Coconut Palm	<i>Cocos nucifera</i>	10	20	20	good
120	Black Olive	<i>Bucida buceras</i>	18	25	30	good
121	Christmas Palm	<i>Adonidia merrillii</i>	4.5	18	5	good
122	Strangler Fig	<i>Ficus aurea</i>	1	8	5	good
123	Royal Palm	<i>Roystonea regia</i>	15	15	20	good
124	Royal Palm	<i>Roystonea regia</i>	15	40	10	good
125	Christmas Palm	<i>Adonidia merrillii</i>	12	10	10	good
126	Christmas Palm	<i>Adonidia merrillii</i>	24	20	20	good
127	Christmas Palm	<i>Adonidia merrillii</i>	24	20	20	good
128	Christmas Palm	<i>Adonidia merrillii</i>	24	24	20	good
129	Silver Buttonwood	<i>Conocarpus erectus var. sericeus</i>	3	10	8	good
130	Silver Buttonwood	<i>Conocarpus erectus var. sericeus</i>	3	10	8	good
131	Shrub Not Tree	-	-	-	-	
132	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	20	20	15	good
133	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	20	20	15	good
134	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	16	12	5	good
135	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	9	20	12	good
136	Royal Palm	<i>Roystonea regia</i>	16	35	10	good
137	Royal Palm	<i>Roystonea regia</i>	16	45	20	good
138	Royal Palm	<i>Roystonea regia</i>	12	40	15	good
139	Royal Palm	<i>Roystonea regia</i>	12	40	15	good
140	Royal Palm	<i>Roystonea regia</i>	12	40	15	good

* INACCESSIBLE - TREE LOCATED WITHIN PRIVATE PROPERTY. VERIFICATION UNACHIEVABLE.

INFORMATION UTILIZED IN PREPARATION OF TREE INVENTORY AND TREE DISPOSITION PLANS ASCERTAINED FROM AND RELIANT UPON TOPOGRAPHIC SURVEY PREPARED BY HADDONE LAND SURVEYORS AND MAPPERS DATED AUG. 28, 2018, SITE OBSERVATION ON NOVEMBER 7, 2018 CONDUCTED BY KIMLEY-HORN AND ASSOCIATES, INC., AND AERIAL PHOTOGRAPHY DATED 2017 (SOURCE: MIAMI-DADE COUNTY AERIAL IMAGERY).

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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

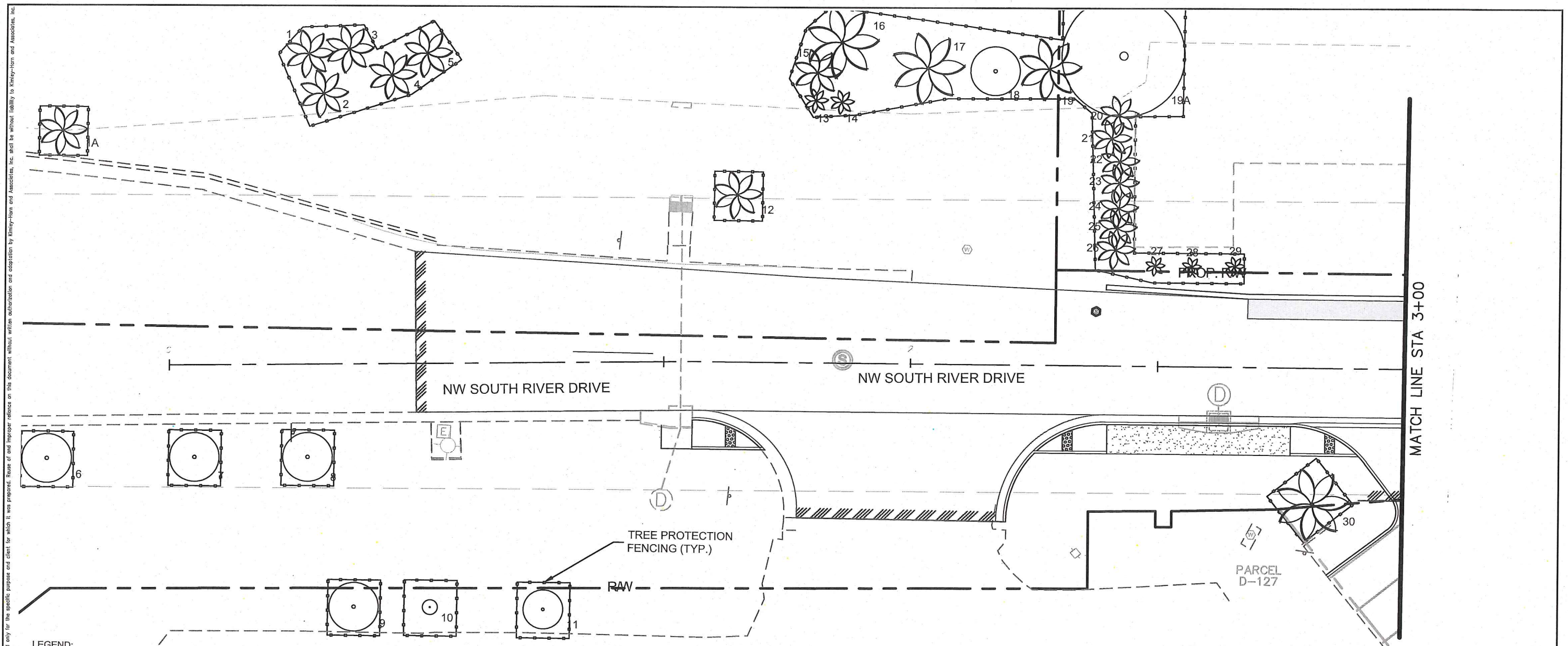
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TREE INVENTORY LIST

SHEET NUMBER
 L-1112

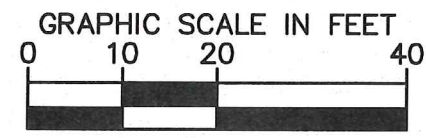
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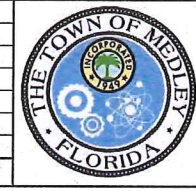
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM
 - # EXISTING TREE TO REMOVE
 - # EXISTING PALM TO REMOVE
 - TREE PROTECTION FENCE

NOTE:
 • Tree protection shown outside of the proposed R.O.W. must only be implemented with the lot/home owners written permission and if applicable to proposed planting outside of R.O.W.



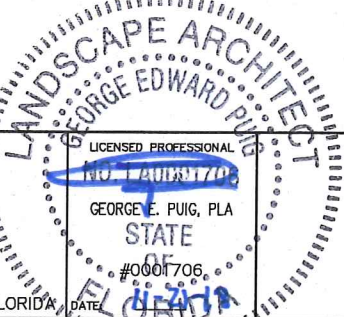
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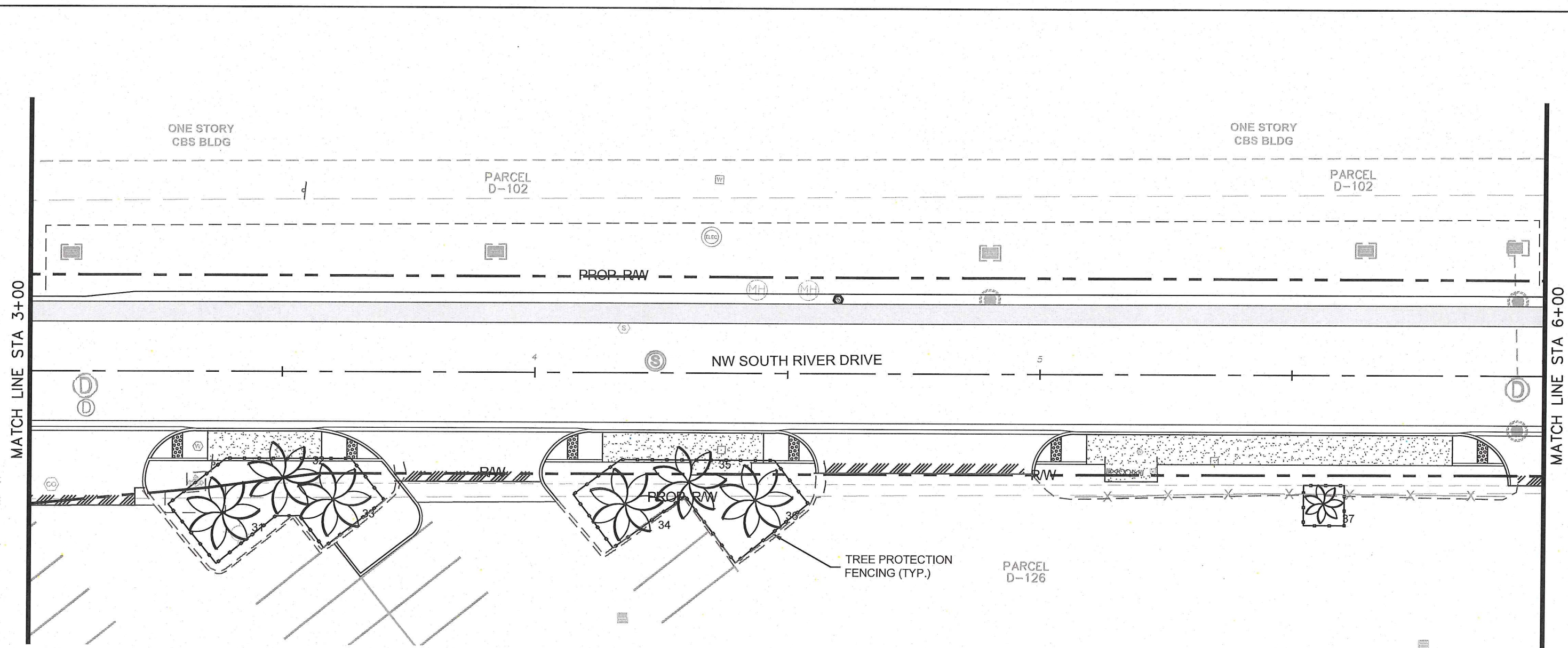
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TREE DISPOSITION

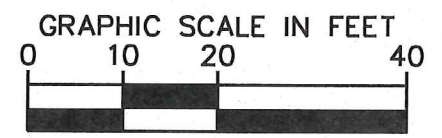
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM
 - # EXISTING TREE TO REMOVE
 - # EXISTING PALM TO REMOVE
 - TREE PROTECTION FENCE

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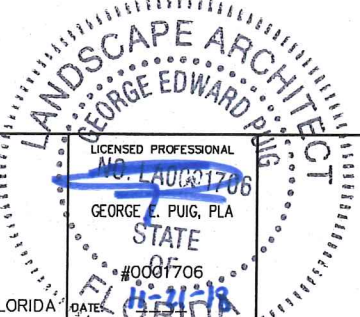
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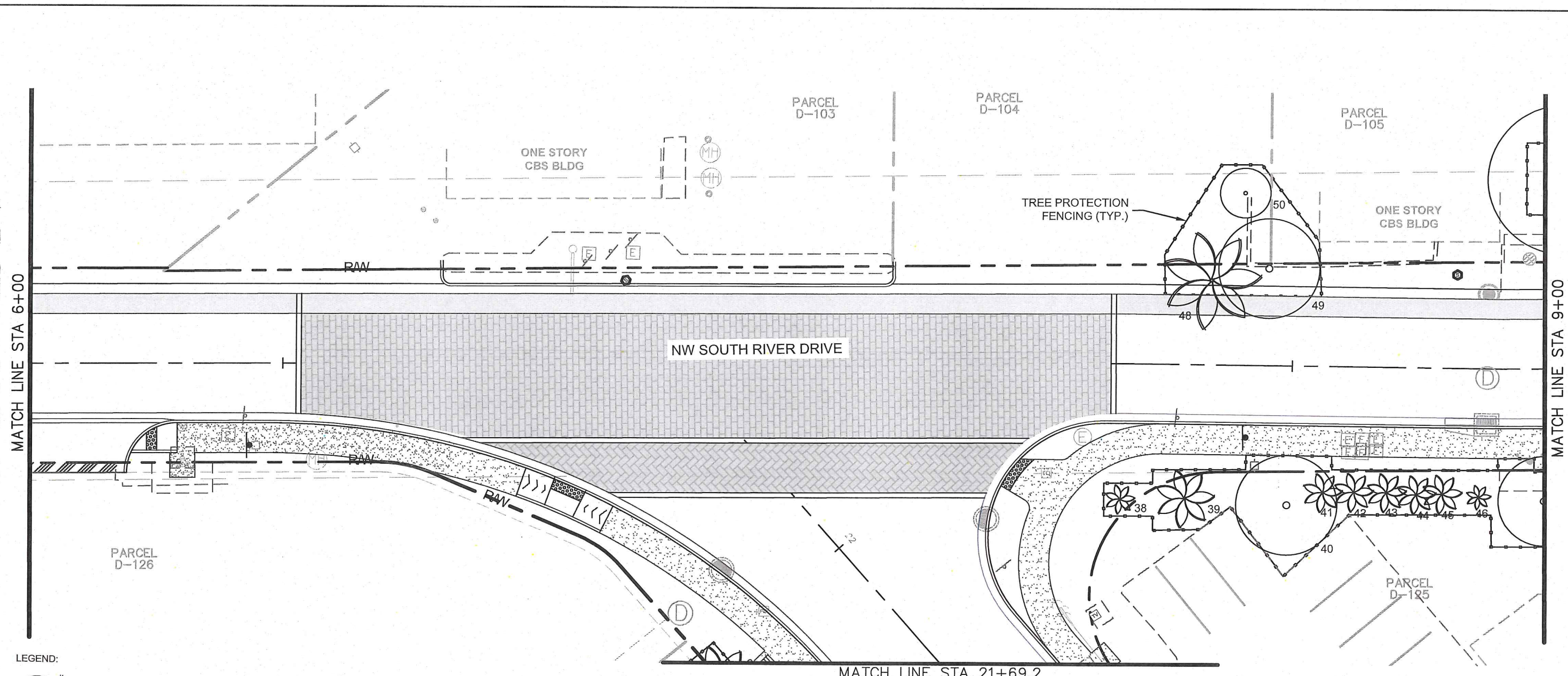
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TREE DISPOSITION

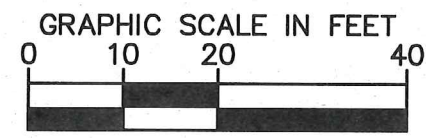
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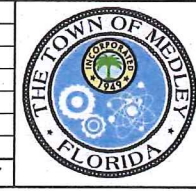


- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM
 - # EXISTING TREE TO REMOVE
 - # EXISTING PALM TO REMOVE
 - TREE PROTECTION FENCE

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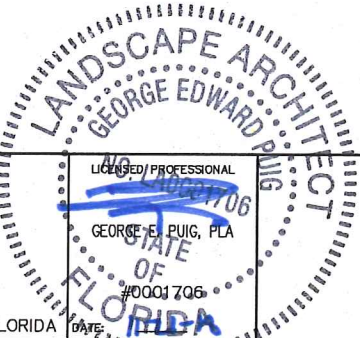
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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

NWSRD (826-72A) PW-0112
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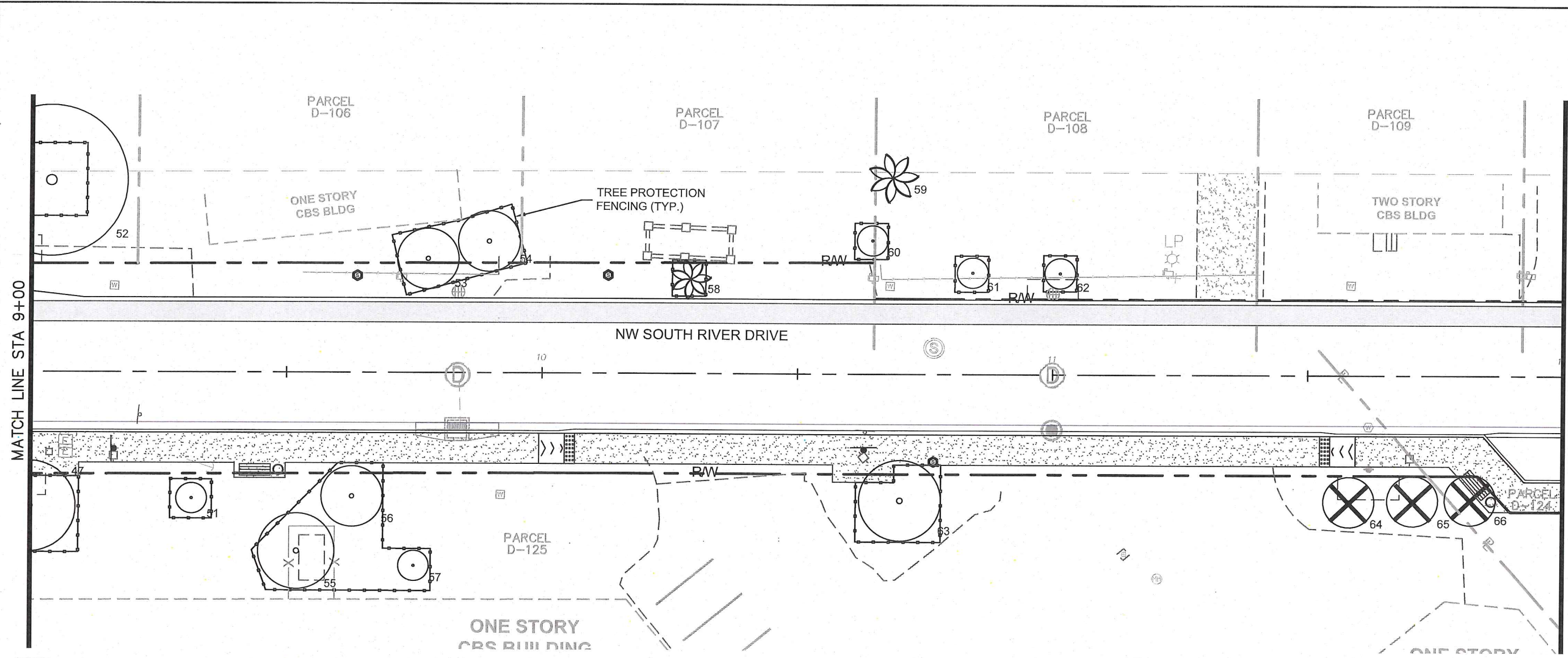


TREE DISPOSITION

SHEET NUMBER
 L-1202

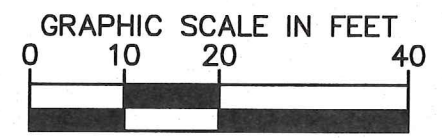
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- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM
 - # EXISTING TREE TO REMOVE
 - # EXISTING PALM TO REMOVE
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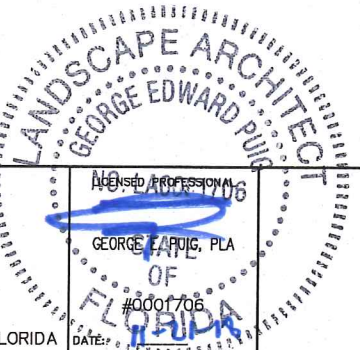
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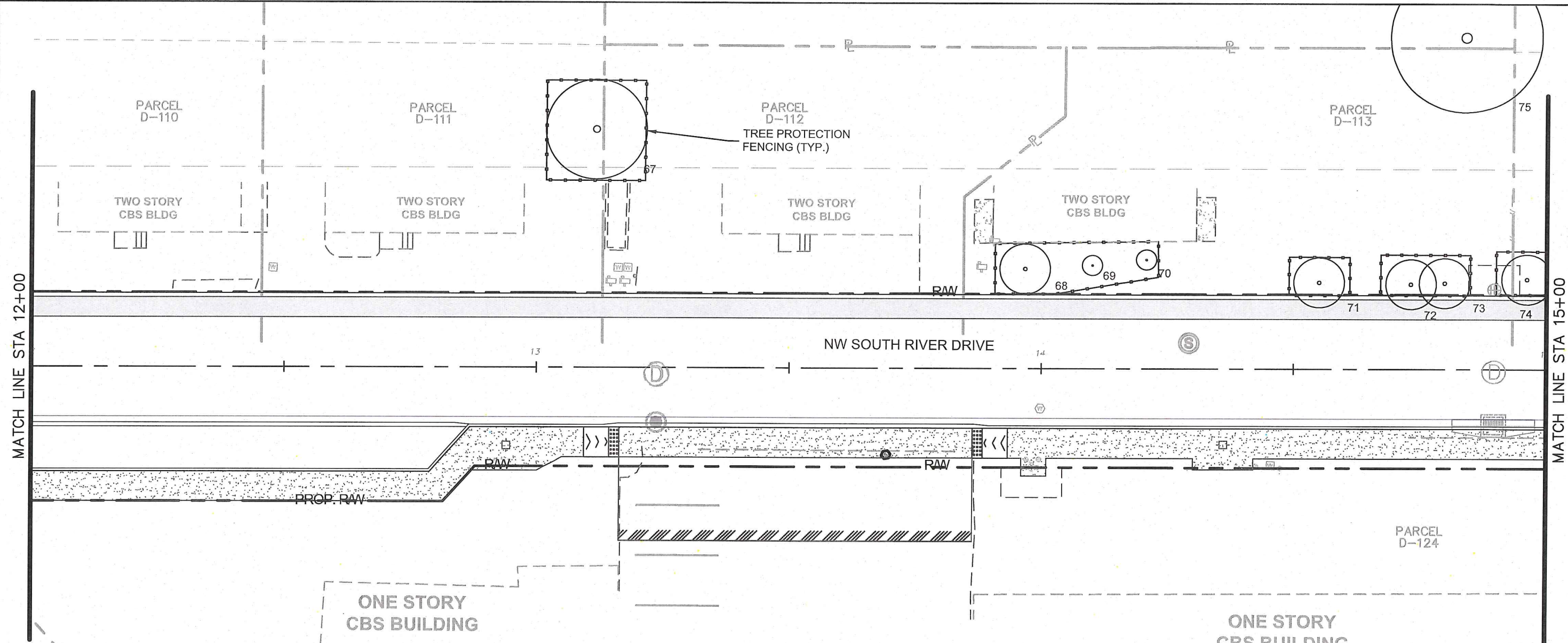


TREE DISPOSITION

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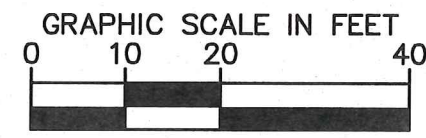
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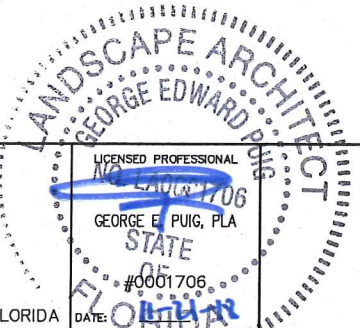
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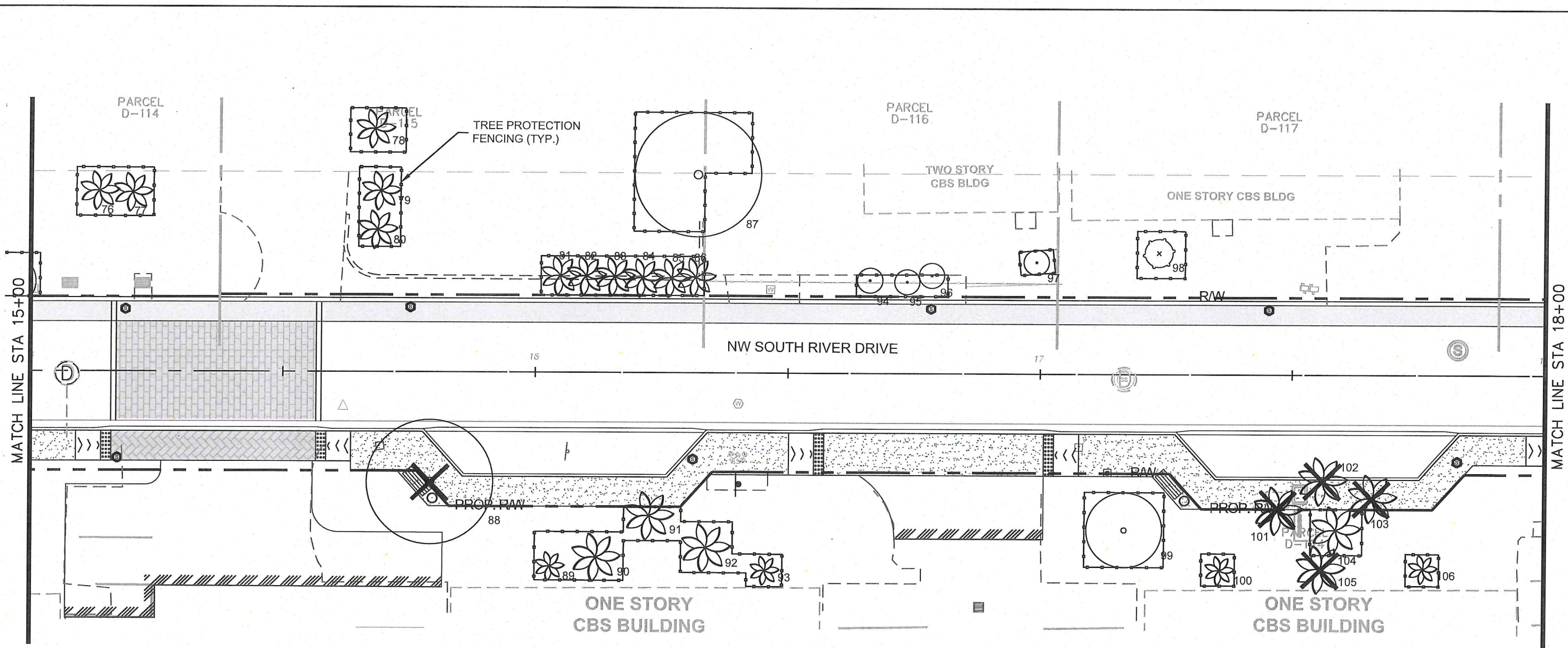
KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
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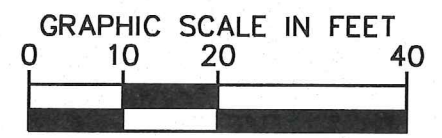
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- LEGEND:
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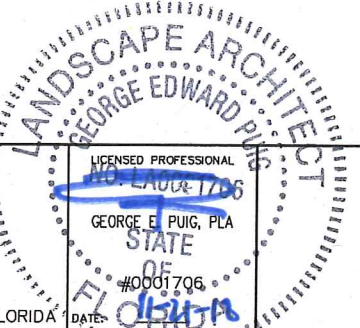
No.	REVISIONS	DATE	BY



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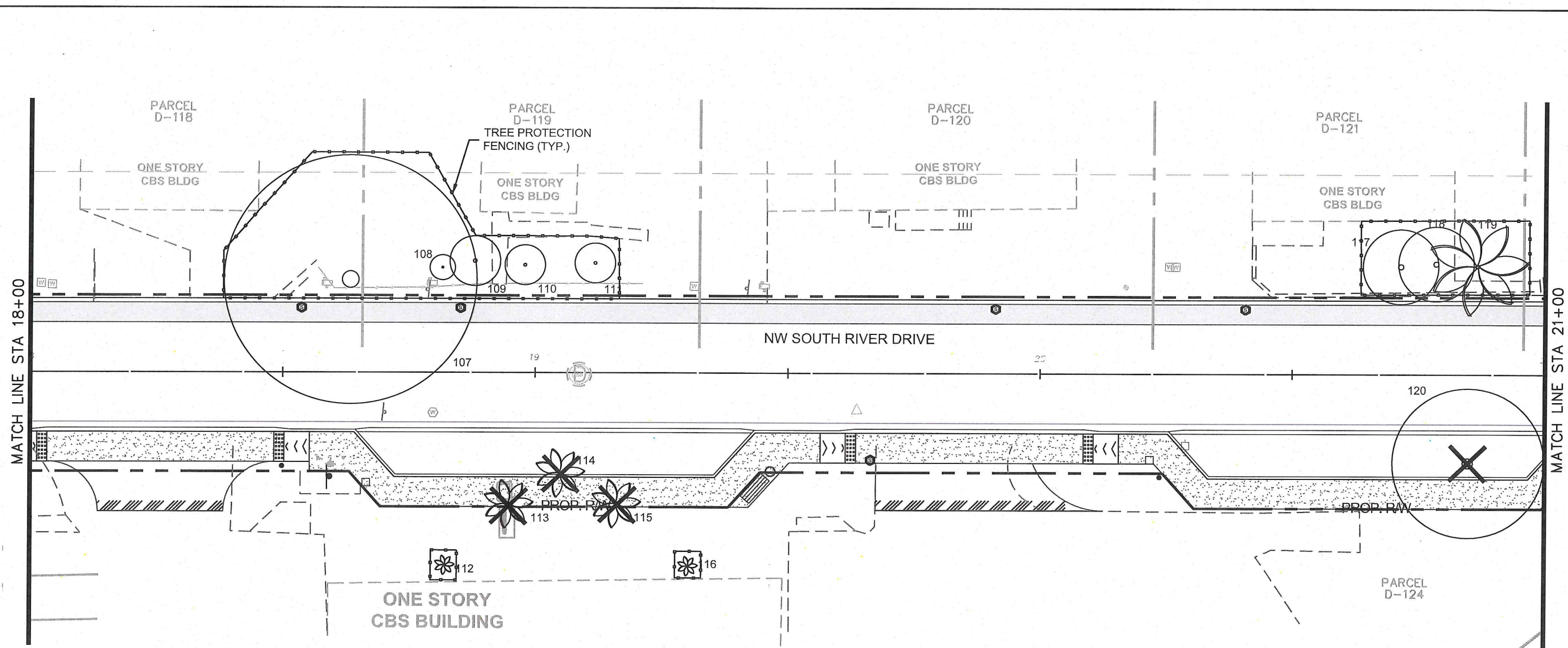
KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
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TREE DISPOSITION	SHEET NUMBER
	L-1205

Plotted By: Alcide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1206 TREE DISPOSITION November 20, 2018 04:54:32pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE
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- LEGEND:
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 - # EXISTING PALM
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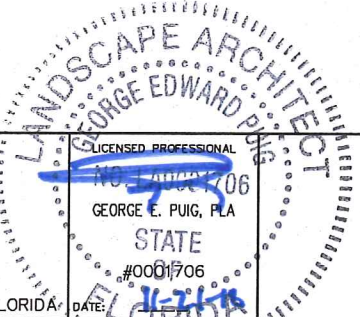
No.	REVISIONS	DATE	BY



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KHA PROJECT
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 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

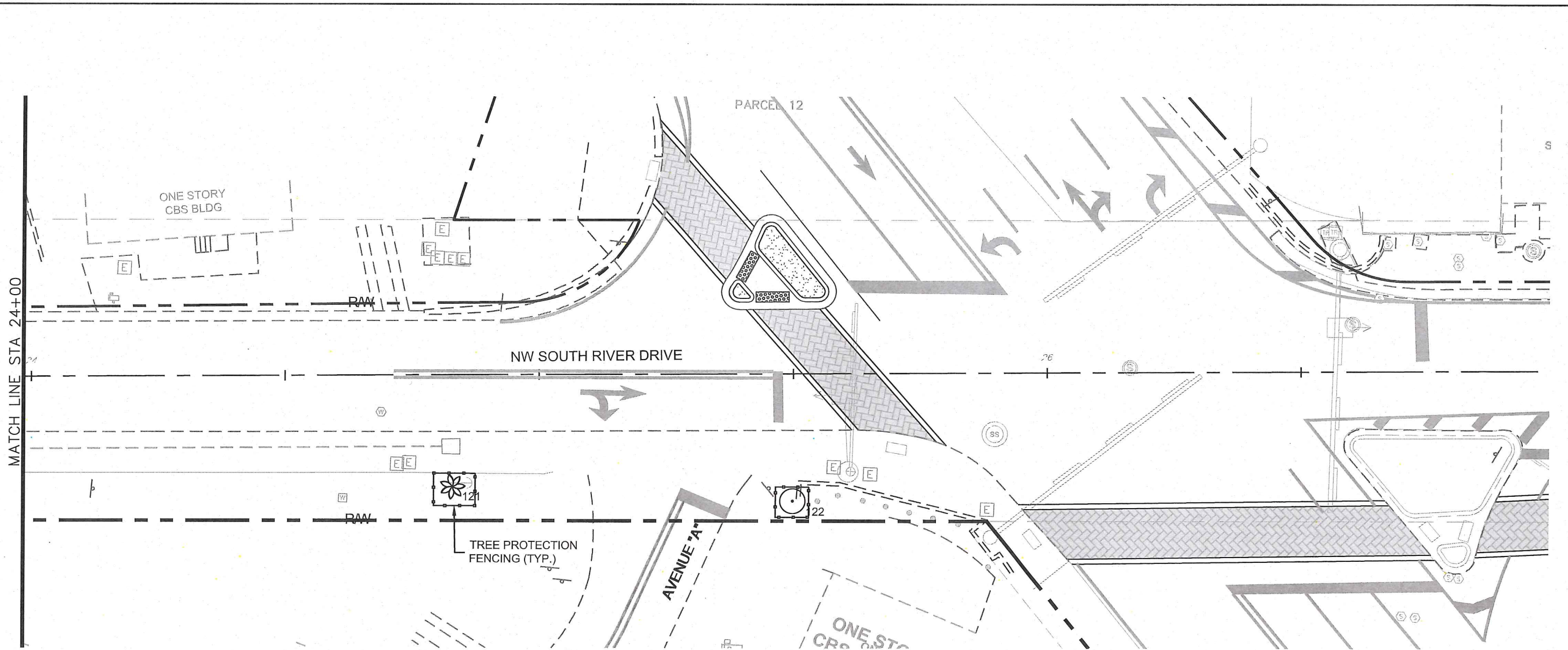
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TREE DISPOSITION

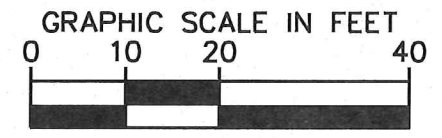
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- LEGEND:
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 - # EXISTING PALM
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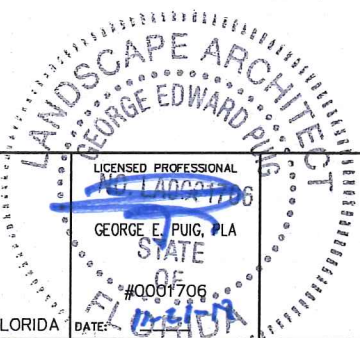
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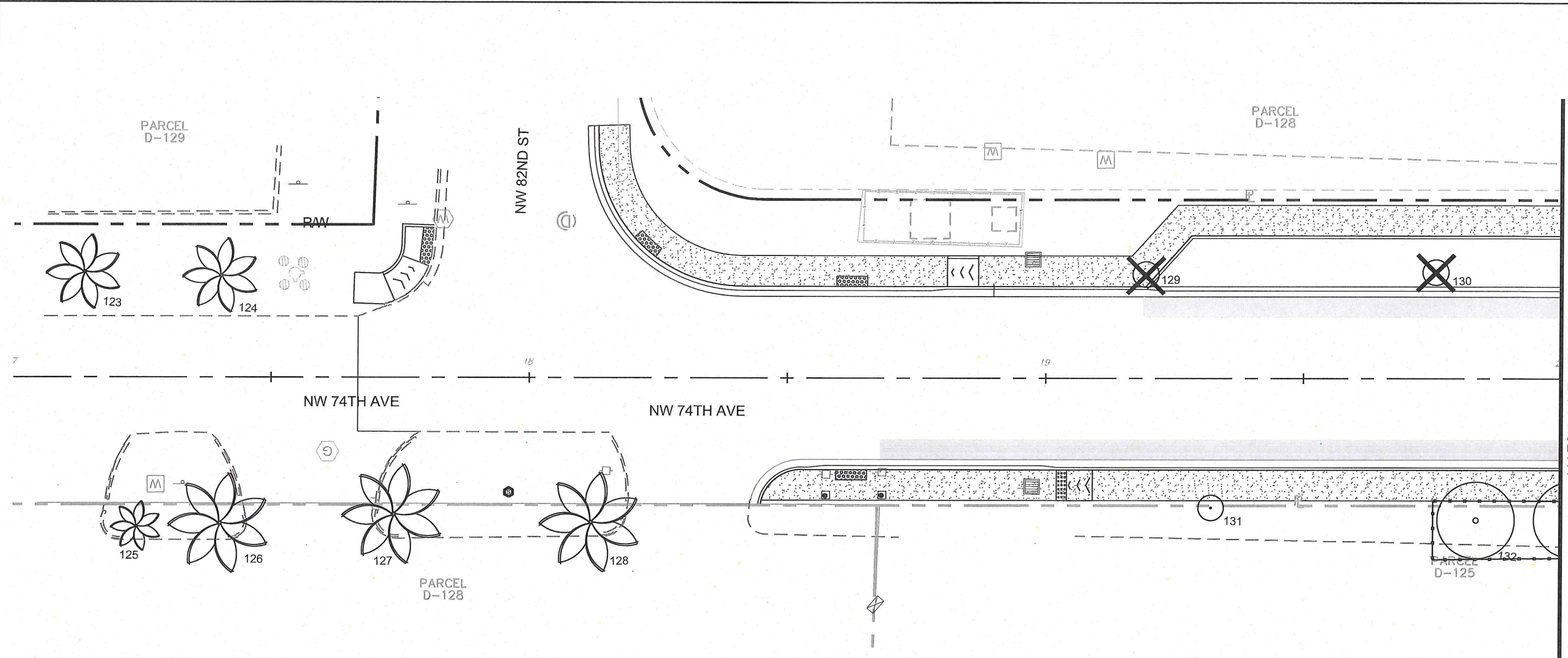


TREE DISPOSITION

SHEET NUMBER
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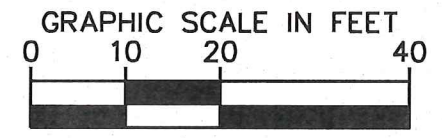
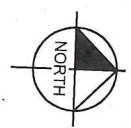
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LEGEND:

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-  # EXISTING PALM
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-  # EXISTING PALM TO REMOVE
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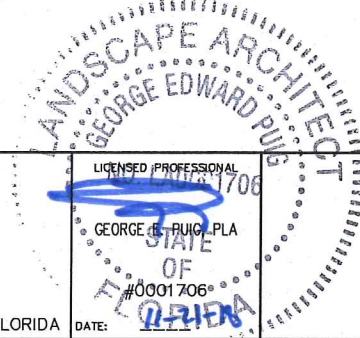
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DATE	NOV 2018
SCALE	AS SHOWN
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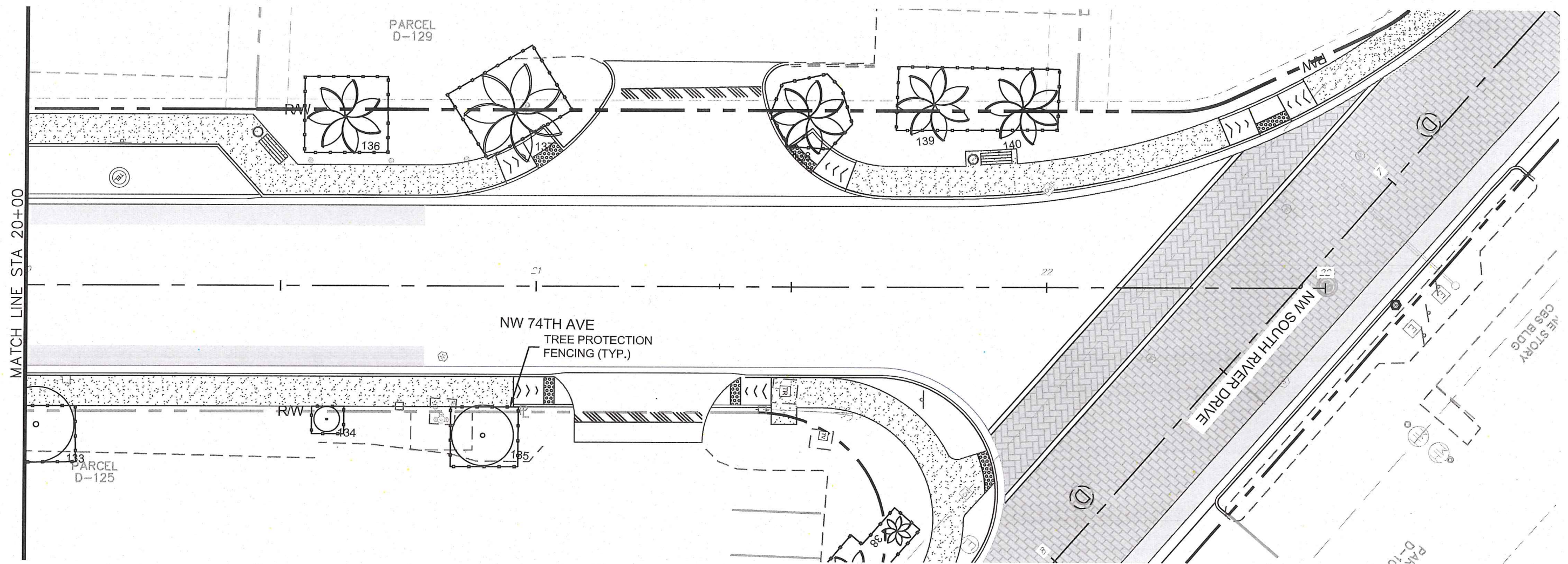
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TREE DISPOSITION

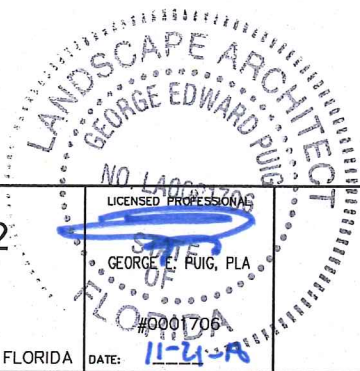
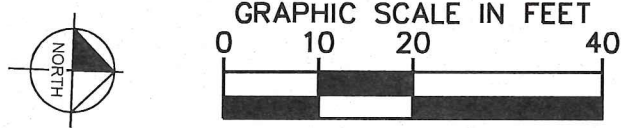
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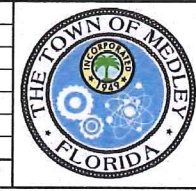


- LEGEND:
- # EXISTING TREE
 - # EXISTING PALM
 - # EXISTING TREE TO REMOVE
 - # EXISTING PALM TO REMOVE
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No.	REVISIONS	DATE	BY



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
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DATE: 11-21-18

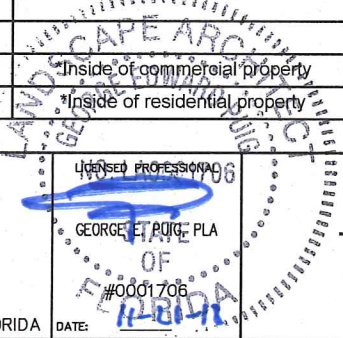
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TREE NO.	COMMON NAME	SCIENTIFIC NAME	DBH (IN)	HEIGHT (FT)	CANOPY Ø (FT)	TREE CONDITION	DISPOSITION	MITIGATION (SF)	NOTES
1A	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
1	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
2	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
3	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
4	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
5	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
6	Live Oak	<i>Quercus virginiana</i>	6	18	10	good	Remain		
7	Live Oak	<i>Quercus virginiana</i>	6	18	10	good	Remain		
8	Live Oak	<i>Quercus virginiana</i>	6	18	10	good	Remain		
9	Weeping Bottlebrush	<i>Calistemon viminalis</i>	24	8	10	poor	Remain		
10	Weeping Bottlebrush	<i>Calistemon viminalis</i>	12	8	3	poor	Remain		
11	Weeping Bottlebrush	<i>Calistemon viminalis</i>	24	8	8	poor	Remain		
12	Cabbage Palm	<i>Sabal palmetto</i>	10	22	10	good	Remain		
13	Christmas Palm	<i>Adonidia merrillii</i>	4	10	5	poor	Remain		Uprooted
14	Christmas Palm	<i>Adonidia merrillii</i>	4	8	0	dead	Remain		Uprooted
15	Cabbage Palm	<i>Sabal palmetto</i>	11	20	10	good	Remain		
16	Cabbage Palm	<i>Sabal palmetto</i>	18	22	15	good	Remain		
17	Cabbage Palm	<i>Sabal palmetto</i>	18	20	15	good	Remain		
18	Green Buttonwood	<i>Conocarpus erectus</i>	6	10	6	poor	Remain		main trunk missing
19	Dominican Sabal	<i>Sabal domingensis</i>	20	13	15	good	Remain		
19A	Umbrella Tree	<i>Schefflera actinophylla</i>	16	24	25	good	Remain		growing at base of building
20	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
21	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
22	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
23	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
24	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
25	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
26	Christmas Palm	<i>Adonidia merrillii</i>	4	20	8	good	Remain		
27	Christmas Palm	<i>Adonidia merrillii</i>	3	8	4	good	Remain		(Multi-Trunk: 2)
28	Christmas Palm	<i>Adonidia merrillii</i>	3	8	4	good	Remain		(Multi-Trunk: 2)
29	Christmas Palm	<i>Adonidia merrillii</i>	3	8	4	good	Remain		(Multi-Trunk: 2)
30	Christmas Palm	<i>Adonidia merrillii</i>	20	15	15	good	Remain		(Multi-Trunk: 4)
31	Christmas Palm	<i>Adonidia merrillii</i>	15	15	15	good	Remain		(Multi-Trunk: 3)
32	Christmas Palm	<i>Adonidia merrillii</i>	20	15	15	good	Remain		(Multi-Trunk: 4)
33	Christmas Palm	<i>Adonidia merrillii</i>	15	15	15	good	Remain		(Multi-Trunk: 3)
34	Christmas Palm	<i>Adonidia merrillii</i>	15	15	15	good	Remain		(Multi-Trunk: 3)
35	Christmas Palm	<i>Adonidia merrillii</i>	20	12	15	good	Remain		(Multi-Trunk: 4)
36	Christmas Palm	<i>Adonidia merrillii</i>	15	15	15	good	Remain		(Multi-Trunk: 3)
37	Cabbage Palm	<i>Sabal palmetto</i>	10	10	8	good	Remain		*Inside of private commercial property
38	Solitaire Palm	<i>Ptychosperma elegans</i>	3.5	20	6	good	Remain		
39	Christmas Palm	<i>Adonidia merrillii</i>	5	15	12	good	Remain		
40	Weeping Bottlebrush	<i>Calistemon viminalis</i>	24	20	20	good	Remain		
41	Christmas Palm	<i>Adonidia merrillii</i>	11	15	10	good	Remain		(Multi-Trunk: 2)
42	Christmas Palm	<i>Adonidia merrillii</i>	8.5	12	10	good	Remain		(Multi-Trunk: 2)
43	Christmas Palm	<i>Adonidia merrillii</i>	12	12	10	good	Remain		(Multi-Trunk: 3)
44	Christmas Palm	<i>Adonidia merrillii</i>	5	12	10	good	Remain		(Staggered: 2) One Palm dead
45	Christmas Palm	<i>Adonidia merrillii</i>	8.5	12	10	good	Remain		(Multi-Trunk: 2)
46	Banana Tree	<i>Musa acuminata</i>	0	5.5	5	good	Remain		
47	Mango Tree	<i>Mangifera indica</i>	9	20	22	good	Remain		
48	Coconut Palm	<i>Cocos nucifera</i>	6	25	20	good	Remain		*Inside of commercial property
49	Royal Poinciana	<i>Delonix regia</i>	-	20	20	good	Remain		*Inside of residential property

INFORMATION UTILIZED IN PREPARATION OF TREE INVENTORY AND TREE DISPOSITION PLANS ASCERTAINED FROM AND RELIANT UPON TOPOGRAPHIC SURVEY PREPARED BY HAD DONE LAND SURVEYORS AND MAPPERS DATED AUG. 28, 2018, SITE OBSERVATION ON NOVEMBER 7, 2018 CONDUCTED BY KIMLEY-HORN AND ASSOCIATES, INC., AND AERIAL PHOTOGRAPHY DATED 2017 (SOURCE: MIAMI-DADE COUNTY AERIAL IMAGERY).

* INACCESSIBLE - TREE LOCATED WITHIN PRIVATE PROPERTY. VERIFICATION UNACHIEVABLE OR ESTABLISHED PROJECTION.



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KHA PROJECT
 043637031
 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY

TOWN OF MEDLEY

FLORIDA

DATE:

TREE DISPOSITION LIST

SHEET NUMBER
 L-1211

No.	REVISIONS	DATE	BY

Plotted By: Alacide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1812 TREE DISPOSITION LIST November 20, 2018 04:55:04pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE
 (P:\0112.05)\Landscape\CADD\PlanSheets\L-1811 TREE INV LIST.dwg
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TREE NO.	COMMON NAME	SCIENTIFIC NAME	DBH (IN)	HEIGHT (FT)	CANOPY Ø (FT)	TREE CONDITION	DISPOSITION	MITIGATION (SF)	NOTES
50	*Tree	-	-	-	-	-	Remain		*Inside of private commercial property
51	Hong Kong Orchid Tree	Bauhinia blakeana	5	10	6	poor	Remain		Multi-Trunk
52	*Tree	-	-	-	-	-	Remain		*Inside of residential property
53	*Tree	-	-	-	-	-	Remain		*Inside of residential property
54	*Tree	-	-	-	-	-	Remain		*Inside of residential property
55	Gumbo Limbo	Bursera simaruba	8.5	20	20	good	Remain		*Inside fenced in pump area
56	Weeping Bottlebrush	Calistemon viminalis	8	10	12	good	Remain		
57	*Hong Kong Orchid Tree	Bauhinia blakeana	4	10	6	poor	Remain		Multi-Trunk
58	*Christmas Palm	Adonidia merrillii	-	-	-	-	Remain		*Inside of residential property
59	*Palm	-	-	-	-	-	Remain		*Inside of residential property
60	*Tree	-	-	-	-	-	Remain		*Inside of residential property
61	*Shrub	-	-	-	-	-	Remain		*Inside of residential property
62	*Shrub	-	-	-	-	-	Remain		*Inside of residential property
63	Weeping Bottlebrush	Calistemon viminalis	40	20	16	good	Remain		
64	Australian Pine	Causarina equisetifolia	12	40	15	good	Remove		Exotic/Invasive
65	Australian Pine	Causarina equisetifolia	12	35	10	good	Remove		Exotic/Invasive
66	Australian Pine	Causarina equisetifolia	12	35	15	good	Remove		Exotic/Invasive
67	*Tree	-	-	-	-	-	Remain		*Inside of residential property
68	Hong Kong Orchid Tree	Bauhinia blakeana	16	30	20		Remain		
69	Hong Kong Orchid Tree	Bauhinia blakeana	20	30	6	poor	Remain		
70	Hong Kong Orchid Tree	Bauhinia blakeana	0	0	0	dead	Remain		Stump
71	Hong Kong Orchid Tree	Bauhinia blakeana	20	25	20	good	Remain		Multi-Trunk
72	Hong Kong Orchid Tree	Bauhinia blakeana	18	30	20	good	Remain		
73	Hong Kong Orchid Tree	Bauhinia blakeana	12	30	20	good	Remain		
74	Hong Kong Orchid Tree	Bauhinia blakeana	30	25	20	good	Remain		
75	Tree	-	-	-	-	good	Remain		*Inside of residential property
76	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
77	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
78	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
79	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
80	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
81	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
82	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
83	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
84	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
85	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
86	*Christmas Palm	Adonidia merrillii	6	10	10	good	Remain		*Inside of residential property
87	*Tree	-	-	-	-	good	Remain		*Inside of residential property
88	Yellow Trumpet Tree	Tabebuia caraiba	14	16	25	good	Remove	491	
89	Red Edge Dracena	Dracena Marginata	15	10	6	good	Remain		Multi-Trunk
90	Cabbage Palm	Sabal palmetto	11	35	10	good	Remain		
91	Cabbage Palm	Sabal palmetto	11	40	10	good	Remain		
92	Cabbage Palm	Sabal palmetto	11	40	10	good	Remain		
93	Red Edge Dracena	Dracena Marginata	15	10	6	good	Remain		Multi-Trunk
94	*Tree	-	-	-	-	good	Remain		*Inside of residential property
95	*Tree	-	-	-	-	good	Remain		*Inside of residential property
96	*Tree	-	-	-	-	good	Remain		*Inside of residential property
97	*Tree	-	-	-	-	good	Remain		*Inside of residential property
98	Palm by Surveyor	-	-	-	-	Not Present	Remain		
99	Yellow Trumpet Tree	Tabebuia caraiba	14	20	25	good	Remain		
100	Red Edge Dracena	Dracena Marginata	30	20	12	good	Remain		Multi-Trunk

INFORMATION UTILIZED IN PREPARATION OF TREE INVENTORY AND TREE DISPOSITION PLANS ASCERTAINED FROM AND RELIANT UPON TOPOGRAPHIC SURVEY PREPARED BY HAD DONE LAND SURVEYORS AND MAPPERS DATED AUG. 28, 2018, SITE OBSERVATION ON NOVEMBER 7, 2018 CONDUCTED BY KIMLEY-HORN AND ASSOCIATES, INC., AND AERIAL PHOTOGRAPHY DATED 2017 (SOURCE: MIAMI-DADE COUNTY AERIAL IMAGERY).

No.	REVISIONS	DATE	BY



Kimley»Horn
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 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT
 043637031
 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

LICENSED PROFESSIONAL
 GEORGE E. PUGH, P.L.C.
 #0001706
 DATE: 11/20/18

* INACCESSIBLE - TREE LOCATED WITHIN PRIVATE PROPERTY. VERIFICATION UNACHIEVABLE OR ESTABLISHED PROJECTION.

TREE DISPOSITION LIST

SHEET NUMBER
 L-1212

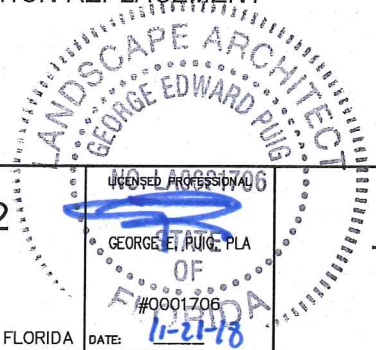
Plotted By: Alciade, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1813 TREE DISPOSITION LIST November 20, 2018 04:55:09pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PACE (PW0112.05)\Landscape\CADD\PlanSheets\L-1811_TREE_INV_LIST.dwg

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TREE NO.	COMMON NAME	SCIENTIFIC NAME	DBH (IN)	HEIGHT (FT)	CANOPY Ø (FT)	TREE CONDITION	DISPOSITION	MITIGATION (SF)	NOTES
101	Cabbage Palm	<i>Sabal palmetto</i>	10	25	10	good	Remove	79	
102	Cabbage Palm	<i>Sabal palmetto</i>	10	25	10	good	Remove	79	
103	Cabbage Palm	<i>Sabal palmetto</i>	10	25	10	good	Remove	79	
104	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good	Remain		
105	Mexican Fan Palm	<i>Washingtonia robusta</i>	0	0	0	Dead Trunk	Remove	0	
106	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	6	good	Remain		Multi-Trunk
107	*Mahogany	<i>Swietenia mahagoni</i>	42	40	50	good	Remain		*Inside of residential property
108	*Red Edge Dracena	<i>Dracena Marginata</i>	-	-	-	good	Remain		*Inside of residential property
109	*Umbrella Tree	<i>Schefflera actinophylla</i>	-	-	-	good	Remain		*Inside of residential property
110	*Monkey Puzzle	<i>Araucaria araucana</i>	-	-	-	good	Remain		*Inside of residential property
111	*Umbrella Tree	<i>Schefflera actinophylla</i>	-	-	-	good	Remain		*Inside of residential property
112	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	4	good	Remain		Multi-Trunk
113	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good	Remove	79	
114	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good	Remove	79	
115	Mexican Fan Palm	<i>Washingtonia robusta</i>	10	25	10	good	Remove	79	
116	Red Edge Dracena	<i>Dracena Marginata</i>	15	10	4	good	Remain		Multi-Trunk
117	Mango Tree	<i>Mangifera indica</i>	16	15	15	good	Remain		
118	Tree	-	-	-	-	good	Remain		
119	Coconut Palm	<i>Cocos nucifera</i>	10	20	20	good	Remain		
120	Black Olive	<i>Bucida buceras</i>	18	25	30	good	Remove	1414	
121	Christmas Palm	<i>Adonidia merrillii</i>	4.5	18	5	good	Remain		
122	Strangler Fig	<i>Ficus aurea</i>	1	8	5	good	Remain		
123	Royal Palm	<i>Roystonea regia</i>	15	15	20	good	Remain		
124	Royal Palm	<i>Roystonea regia</i>	15	40	10	good	Remain		
125	Christmas Palm	<i>Adonidia merrillii</i>	12	10	10	good	Remain		Single
126	Christmas Palm	<i>Adonidia merrillii</i>	24	20	20	good	Remain		(Staggered: 2)
127	Christmas Palm	<i>Adonidia merrillii</i>	24	20	20	good	Remain		(Staggered: 2)
128	Christmas Palm	<i>Adonidia merrillii</i>	24	24	20	good	Remain		(Staggered: 2)
129	Silver Buttonwood	<i>Conocarpus erectus var. sericeus</i>	3	10	8	good	Remove	50	Multi-Trunk
130	Silver Buttonwood	<i>Conocarpus erectus var. sericeus</i>	3	10	8	good	Remove	50	Multi-Trunk
131	Shrub Not Tree	-	-	-	-		Remain		
132	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	20	20	15	good	Remain		Multi-Trunk
133	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	20	20	15	good	Remain		Multi-Trunk
134	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	16	12	5	good	Remain		
135	Yellow Trumpet Tree	<i>Tabebuia caraiba</i>	9	20	12	good	Remain		Multi-Trunk
136	Royal Palm	<i>Roystonea regia</i>	16	35	10	good	Remain		
137	Royal Palm	<i>Roystonea regia</i>	16	45	20	good	Remain		
138	Royal Palm	<i>Roystonea regia</i>	12	40	15	good	Remain		
139	Royal Palm	<i>Roystonea regia</i>	12	40	15	good	Remain		
140	Royal Palm	<i>Roystonea regia</i>	12	40	15	good	Remain		

INFORMATION UTILIZED IN PREPARATION OF TREE INVENTORY AND TREE DISPOSITION PLANS ASCERTAINED FROM AND RELIANT UPON TOPOGRAPHIC SURVEY PREPARED BY HAD DONE LAND SURVEYORS AND MAPPERS DATED AUG. 28, 2018, SITE OBSERVATION ON NOVEMBER 7, 2018 CONDUCTED BY KIMLEY-HORN AND ASSOCIATES, INC., AND AERIAL PHOTOGRAPHY DATED 2017 (SOURCE: MIAMI-DADE COUNTY AERIAL IMAGERY).

TOTAL MITIGATION REQUIRED: **2,479 SF**
 PROPOSED MITIGATION TO BE ACHIEVED THROUGH THE REPLANTING OF TREES ON-SITE. REFER TO LANDSCAPE PLAN L-1310 FOR MITIGATION REPLACEMENT VALUE.



* INACCESSIBLE - TREE LOCATED WITHIN PRIVATE PROPERTY. VERIFICATION UNACHIEVABLE OR ESTABLISHED PROJECTION.

No.	REVISIONS	DATE	BY



Kimley»Horn
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 WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT
 043637031
 DATE
 NOV 2018
 SCALE AS SHOWN
 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

DATE: 11-21-18

TREE DISPOSITION LIST
 SHEET NUMBER
 L-1213

Plotted By: Alcotide, Aurora Sheet Set: NWSRD (826-72A) PW-0112 Layout: L-1250 TREE DISPOSITION NOTES & DETAILS November 20, 2018 04:55:19pm K:\MIA_ENV\043637031 - NWSRD (74A-72A) PAGE (PW0112.05) LANDSCAPE\CADD\PlanSheets\L-1250 TREE DISPOSITION NOTES & DETAILS.dwg
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TREE REMOVAL/TRANSPLANT SPECIFICATIONS

PART 1 - EXPLANATION OF NATURAL RESOURCE PRESERVATION PROCEDURES

- The sequence of operation is critical to the protection of the trees.
- Tree canopy pruning is to compensate for root loss and damage.
 - Fertilization is to stimulate root systems to heal quickly and grow back in root-pruned areas. It also produces faster availability of food to a root system that is less efficient due to the damage incurred.
 - Root pruning is to remove the roots with a trenching procedure that is less damaging to the roots than regular construction.
 - Mulching is to increase moisture-holding capacity and keep the temperature of the soil more constant.

PART 2 - DEFINITIONS

- Combo Fence - Combination silt and natural resource protection fence (see detail).
- Critical Root Zone - The mass of roots surrounding a tree that is required by the tree to live. The critical root zone is often much larger than the canopy. Shown on the plans as dashed circles.
- DBH - Diameter Breast High - Indicates the location on the trunk, approximately 4.5' above ground, to measure the diameter of a tree.
- Grade - Refers specifically to grade on the Significant Tree or Transplant Schedule. The grade of a tree refers to the overall health and appearance of the tree. The grades range from "A" being excellent to "D" being hazardous.
- Preserve Trees - Trees that are to be saved in place.
- Project Urban Forester - A representative, hired and paid for by the owner, that supervises the construction of the procedures shown on the natural resource plans.
- Protection Zones/Areas - Any area enclosed partially or completely by a fence shown on the natural resource plans.
- Spade Transplant - A tree transplanted using a tree spade machine.
- Transplanted Trees - Trees that are to be moved by hand, spade, crane or gantry to another location.

PART 3 - PRODUCTS FOR TREE TREATMENT

Every effort shall be made to utilize chemicals of an organic or biodegradable nature in order to offer the least impact to the natural environment. Contractor is responsible for mixing, applying, and disposal of all chemicals in accordance with strict adherence to manufacturer's directions, unless otherwise directed in these drawings.

- Chemical Treatments.
 - Recommended Fertilizer:
 - "XL Injecto Feed", product of Doggett Corp., Lebanon, New Jersey (908) 236-6335. Apply a 12/24/24 ratio with a dilution rate 1/3 more water than specified on bag.
 - Recommended Wetting Agent:
 - "APSA-80", product of Amway Corp. (800) 253-7088.
 - Mycorrhizal Treatment:
 - Plant Health Care, Inc. (800) 421-9051. Products of the same type from other sources shall not be excluded, provided they possess like physical and functional characteristics and are approved by the Project Landscape Architect.
- Insecticide Treatments.
 - "Astro", a product of FMC Corporation. (800) 321-1362.
- Fencing Materials.
 - Woven wire fence (Minimum 14.5 gauge maximum 6" mesh spacing).
 - Artic Vinyl Flagging, Color: International Orange. Forestry Suppliers Catalog (800) 647-5368. Artic Vinyl Flagging is required due to strength and longevity. No substitution without approval of Project Urban Forester.
 - 6' T-Bar Post.
 - T-Bar Post Caps.
 - Rebar Caps. Brilliant Orange mushroom type as manufactured by Mutual Industries North (800) 523-0888 or equal.
 - R-4 T-Bar Post Caps as manufactured by RammFence (800) 434-8455 or equal.

PART 4 - EXECUTION

- Tree Canopy Pruning Operation
 - Trees to be pruned shall include only trees affected by construction or as designated on Significant Tree or Transplant Schedule. This item is to be coordinated by the Project Urban Forester.
 - All pruning shall be done in accordance with ANSI A300 (Part 1) Pruning.
 - Certified Arborist shall perform all pruning.
 - Pruning shall consist of the following methods:
 - Cleaning, see Sect. 5.6.1.
 - Interfering branch removal.
 - Raising, see Sect. 5.6.4. Height to be 6' (min.) in parking lot areas only.
- Fertilization Operation
 - Only trees affected by construction or as shown on the Tree Removal Plan shall be treated
 - Trees specified to receive fertilizer shall be treated in the fall of 2008. Preserve Tree Injectable Fertilizer Treatment. See detail sheet.
 - Mix fertilizer with a dilution rate 1/3 more water than label instructions into a tank with agitation capability (15lbs. = 133 Gallons).
 - Mix Wetting Agent at a rate of 5 oz. Per 100 gallons of fertilizer solution into same tank with fertilizer. Agitate mix.
 - Inject the mixture with a hydraulic injection system set at 100 to 150 p.s.i. for sandy soils, 200 p.s.i. for silt/clay soils, into the upper 6-12 inches of soil with a soil probe. Inject at the rate of one third (1/3) gallon at each injection site.
 - Critical Root Zone areas shall be injected, where possible, in the Critical Root Zone area plus 2' beyond Critical Root Zone, but not beyond Root Prunes. See detail.
 - Fertilizer shall be installed prior to installation of any aeration systems.
AT THE REQUEST OF THE SPECIFIER, EMPTY PRODUCT BAGS TO BE RETURNED TO THE SPECIFIER FOR PROOF OF USE.

- Transplant Injectable Fertilizer Treatment.
 - Mix fertilizer with a dilution rate 1/3 more water than label instructions into a tank with agitation capability (15lbs. = 133 Gallons).
 - Mix Wetting Agent at a rate of 5 oz. Per 100 gallons of fertilizer solution into same tank with fertilizer. Agitate mix.
 - Inject the mixture with a hydraulic injection system set at 100 to 150 p.s.i. for sandy soils, 200 p.s.i. for silt/clay soils, into the upper 6-12 inches of soil with a soil probe. Inject at the rate of one third (1/3) gallon at each injection site.
 - See transplant details on this sheet for injection locations.
EMPTY PRODUCT BAGS TO BE STOCKPILED FOR INSPECTION BY PROJECT LANDSCAPE ARCHITECT PRIOR TO DISPOSAL.
- Transplant Inoculant & Biostimulant. See Detail Sheet.
 - Use one 3 oz. Packet of MycorTree Tree Saver Transplant Mycorrhizal Transplant Inoculant for every 1-foot diameter of root ball. Mix inoculant in 10" wide topsoil ring around the root ball.
 - Mix one 4 oz. Bag of MycorTree Tree Saver Injectable Mycorrhizal Inoculant and 4 packs (to equal 1 pound) PHC BioPack per 100 gallons of water.
 - Agitate for 10 minutes.
 - Inject the mixture with a hydraulic injection system set at 100 to 150 p.s.i. for sandy soils, 200 p.s.i. for silt/clay soils, into the upper 6-12 inches of soil with a soil probe. Inject at the rate of one third (1/3) gallon at each injection site. See transplant details on this sheet for injection locations.
EMPTY PRODUCT BAGS TO BE STOCKPILED FOR INSPECTION BY PROJECT LANDSCAPE ARCHITECT PRIOR TO DISPOSAL.

- Transplant Maintenance
 - Approximately one year after planting, the Tree Relocation Contractor shall re-fertilize all transplants utilizing the same procedure.
- Insecticide Operation
 - Apply "Astro" as a topical solution if recommended by Project Landscape Architect or by these plans. Notify Project Landscape Architect if an infestation is noticed. Apply around base of trunk to soil line, trunk and any limb 1/3 the size of the trunk to 25'-30' high. Insure complete coverage. Reapply "Astro" 2-3 months after initial application utilizing same procedure.
 - Follow all manufacturers' recommendations concerning application when applying "Astro". Read all warning labels. Any pets, as well as, the pets food and water bowls should be removed from the area and any swimming pools should be covered. Coordinate with Project Urban Forester for further instruction.
- Root Pruning Trenching Operation
 - Trenching locations shall be approved in the field by the Project Landscape Architect.
 - Trenching equipment that will turn at high RPM's is preferred. Trenching equipment is to be used to perform all root pruning operations. A minimum depth of three feet is required. Clean cut roots in trench on tree side with loppers or chain saw after trenching is complete.
 - The trench shall be backfilled and compacted immediately.

- Natural Resource Protection (or Tree Protection) Fencing
 - See details for types and locations.
 - Fencing is to be located accurately per plan by General Contractors Surveyor.
- Tree Removals
 - Natural Resource Contractor shall remove and discard all trees shown on the tree removal plan to be removed, see Existing Tree Schedule. All trees shown to be removed shall be felled with a chain saw and stump ground 6" below surface. Any tree shown to be removed and is in an area where compaction is critical the tree shall be felled with a chain saw and stump removed by Clearing Contractor. Care must be taken not to damage trees marked for
 - Clearing Contractor is to clear all remaining trees after the Natural Resource Fencing is installed. If fence is damaged, repair is to be performed immediately. See Fence Penalties. Care must be taken not to damage trees marked for preservation.
 - All wood from removals shall be hauled from the site the same day, except for tops. All tops are to be mulched and stockpiled or hauled directly to mulched areas, if scheduling permits. (See landscape plans for mulching). All excess wood chips should be hauled off site after landscaping is complete.
 - Clearing Contractor is to haul off all stumps.
 - All burn pits if applicable must be approved by the Project Urban Forester and owner.
- Topsoil
 - All clean backfill/clean topsoil necessary for transplant operations shall fall within the limits of the planting specifications, located elsewhere in the contract documents.
- Machine Dug Transplant Operation
 - Dig transplant-receiving hole.
 - Set spade dug root ball into receiving hole 4"-6" above existing grade.
 - Wash sand or topsoil into air pockets between root ball and receiving hole.
 - Install topsoil ring, 4" high, 10" wide, around perimeter of root ball. Mix MycorTree Tree Saver Mycorrhizal Transplant Inoculant into topsoil ring. See Part 4 Section B for procedure.
 - Install 4"-6" mulch from perimeter of root ball to within 6" of tree trunk.
 - Cover topsoil ring with 1" of mulch and extend mulch 4"-6" deep, 6" away from perimeter of root ball.
 - Water transplant.

I. Holding Area for Transplants

- Coordinate with Owner's Representative for location. Coordinate construction and scheduling with Owner's Representative.
- Install protection fencing surrounding holding area after all transplants have been moved unless otherwise instructed by Owner's Representative.
- Transplants shall be placed into the soil at the holding area unless the soil is deemed unacceptable by Project Landscape Architect. If unacceptable soil is encountered, the holding area shall be relocated to a new location or excavated to a depth determined by Project Landscape Architect and new approved topsoil installed. Transplants shall be backfilled with approved topsoil.
- Install three (3) 12" tensiometers. One on opposite corners and one in the middle of the holding area. Project Landscape Architect shall adjust locations of tensiometers per observations in the field.
- General Contractor shall supply temporary irrigation to the holding area. Temporary irrigation shall consist of above the ground PVC or Polyethylene pipe, spray or rotor heads (with head to head coverage) and a controller. Set schedule per Part 7.

PART 5 - PENALTIES

A. Repair of Damaged Trees

- If any damage to trees or other natural resources should occur by accident or negligence during the construction period, the Project Urban Forester shall appraise the damage and make recommendations to the owner for repair by the General Contractor.
- If any tree that is designated to be saved is deemed substantially damaged or dead due to construction damage, at the sole discretion of Project Landscape Architect, the following penalties will apply:
 - Trees 1" - 12" of trunk diameter, measured at 1' from the ground will be valued at \$300.00 per diameter inch.
 - Trees 13" and above of trunk diameter measured at 4.5' from the ground will be valued at \$400.00 per diameter inch.
 - If any tree designated to be saved is removed from the site without permission of the owner's representative, the penalty will be \$600.00 per inch.

B. Repair of Damaged Natural Resource Fences

- If any damage to Natural Resource Fences should occur by accident or negligence, the General Contractor will be responsible for immediate repairs of the initial damage. Fines will be imposed as follows:
 - First time offense, a fine of \$200.00 will be imposed.
 - In the event the fence is not repaired within 24 hours to the Owner's Representative's satisfaction, an additional fine of \$100.00 per day will be imposed, until the fence is satisfactorily repaired.
 - In the event a natural resource is damaged due to fence being down, a fine of \$200.00 plus the cost of repair or replacement of the natural resource as appraised by the Project Landscape Architect will be imposed.

PART 6 - NATURAL RESOURCE PROTECTION SEQUENCE

A. The sequence of tree treatment and preservation measures shall be:

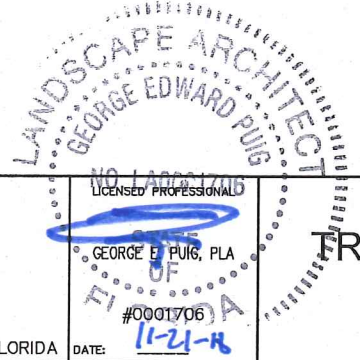
- Root Pruning and Root Barriers.
 - Natural Resource Fencing.
 - Clearing and Grading.
 - Tree Pruning.
 - Fertilization.
 - Insecticide
- General Contractor's Surveyor shall stake all site improvements in order to facilitate accurate location of trenching and fencing operations.
- Maintain and repair Natural Resource fencing during site construction operations.
 - General Contractor's access to Fenced protection areas will be permitted only with approval of owner's representative.
 - Perform any excavation or grading required within the fenced root zone areas by hand. This operation is to be supervised by the Project Landscape Architect or Owner's Representative.
 - Limit required grading to 3" cut or fill within the fenced tree root zone areas. All grading to be supervised by the Owner's Representative.
 - Clear by hand designated trees, shrubs, vines and groundcover from protected root zone areas.
 - Do not install conduit, sprinklers, or any utility line in any critical root zone area without the approval of the Project Landscape Architect.

PART 7 - IRRIGATION

Every effort shall be made to water the transplants as shown below. The Landscape Architect and/or Owner's Representative shall inspect all irrigation zones during the initial irrigation months and adjust settings accordingly to insure proper watering. Water in all transplants immediately after planting. Tree Relocation Contractor shall water by hand or by temporary irrigation, all transplants after planting as required by Landscape Architect or Owner's Representative until permanent irrigation is installed and operating. Irrigation Contractor shall install systems and set controllers as shown below.

A. Transplant Irrigation Zones & Holding Area Zones

- Use the following watering schedule for all transplants:
- Set the controller to water for the following limits:
 - First 90 days = 15 minutes, 4 times a week. (0.5" per application = 2" per week)
 - 90 days - 270 days = 2 times a week. (1" per application = 2" per week)
 - 270 days on = 2 times a week. (0.5" per application = 1" per week)
- Irrigation within current watering restrictions, as applicable.



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	BJF
DRAWN BY	JPG
CHECKED BY	BJF

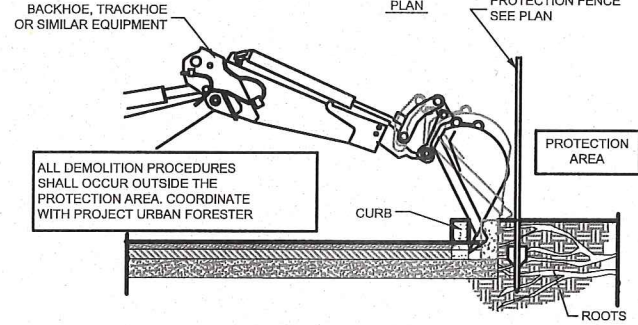
NWSRD (826-72A) PW-0112
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TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA

No.	REVISIONS	DATE	BY

SHEET NUMBER
L-1250

TREE DISPOSITION NOTES & DETAILS

- SEQUENCE**
1. PERFORM ANY ROOT PRUNING.
 2. INSTALL PROTECTION FENCING.
 3. BREAK OR CUT CURB A 6" SECTION OF CURB.
 4. CAREFULLY ROTATE CURB SECTION AWAY FROM ROOTS.
 5. COORDINATE ALL DEMOLITION OPERATIONS w/ PROJECT URBAN FORESTER.
 6. INSTALL NEW BACKFILL OR SIDEWALK/CURB.

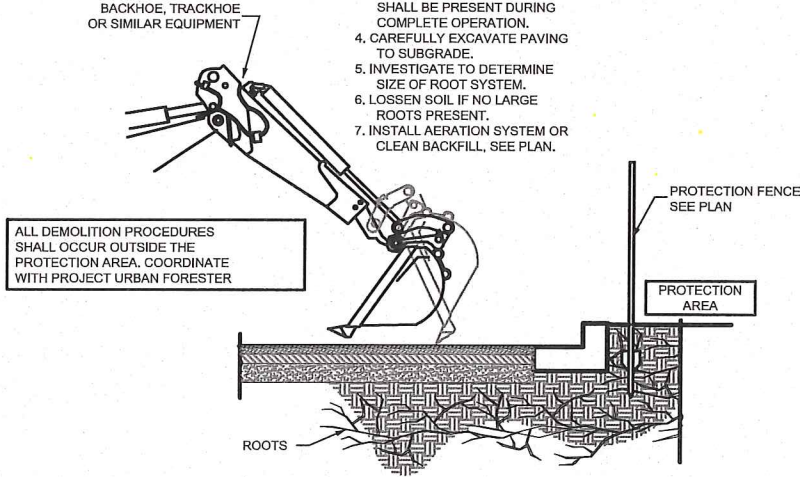


ALL DEMOLITION PROCEDURES SHALL OCCUR OUTSIDE THE PROTECTION AREA. COORDINATE WITH PROJECT URBAN FORESTER

A DEMOLITION PROCEDURE - CURB

NTS

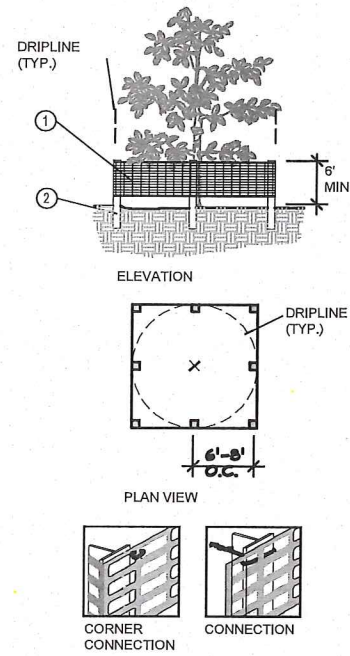
- SEQUENCE**
1. PERFORM ANY ROOT PRUNING.
 2. INSTALL PROTECTION FENCING, IF REQUIRED.
 3. PROJECT URBAN FORESTER SHALL BE PRESENT DURING COMPLETE OPERATION.
 4. CAREFULLY EXCAVATE PAVING TO SUBGRADE.
 5. INVESTIGATE TO DETERMINE SIZE OF ROOT SYSTEM.
 6. LOSSEN SOIL IF NO LARGE ROOTS PRESENT.
 7. INSTALL AERATION SYSTEM OR CLEAN BACKFILL, SEE PLAN.



ALL DEMOLITION PROCEDURES SHALL OCCUR OUTSIDE THE PROTECTION AREA. COORDINATE WITH PROJECT URBAN FORESTER

B DEMOLITION PROCEDURE - PAVEMENT

NTS



1. 6" "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" x 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

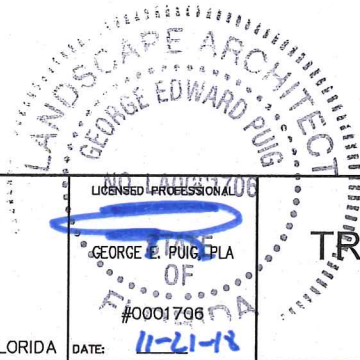
INSTALLATION NOTES:

- A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
- B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/4 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 8' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.
- C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).
- D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

C TREE/SHRUB PROTECTOR BARRIER DETAIL

NTS



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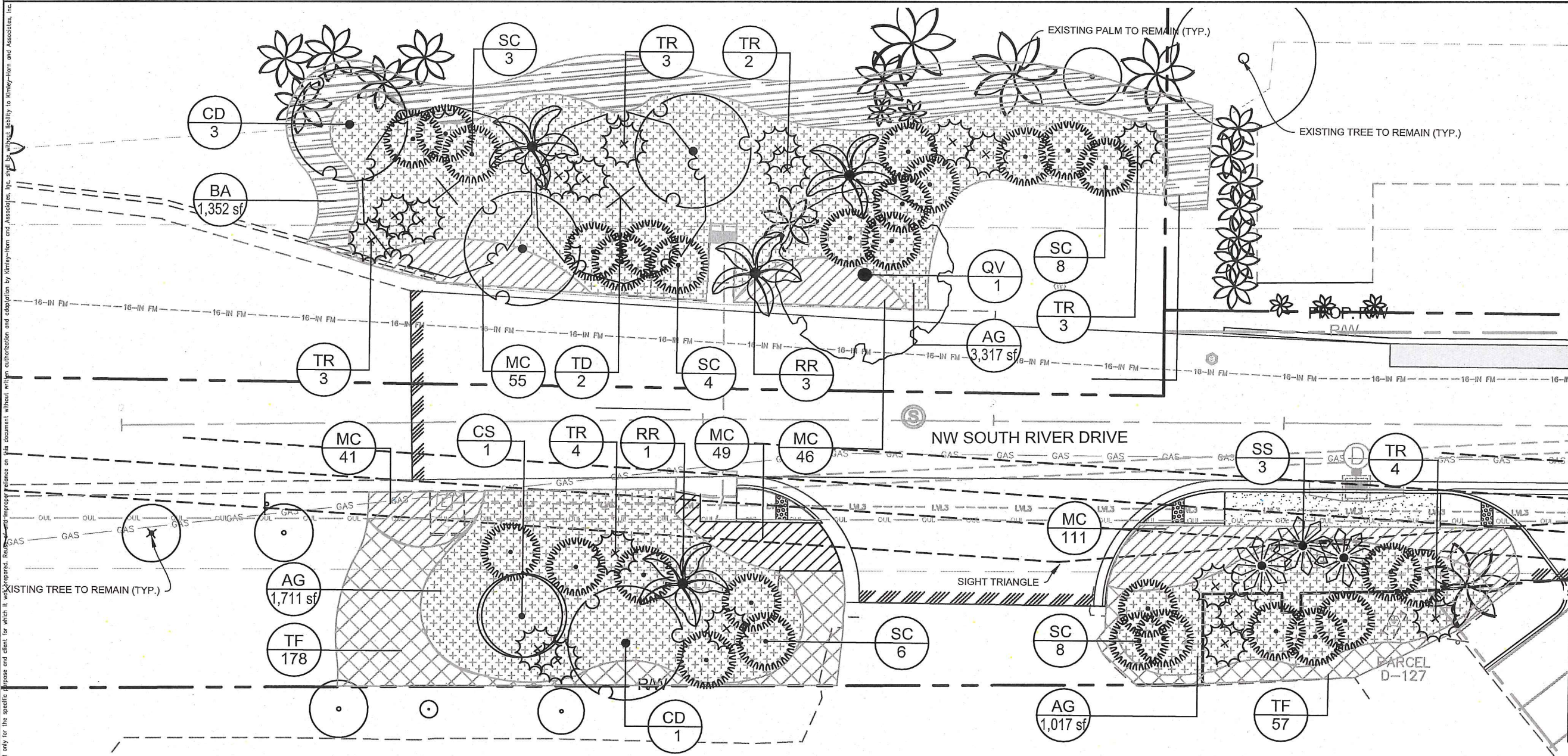
KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

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 TOWN OF MEDLEY
 FLORIDA

DATE: 11-21-18

TREE DISPOSITION NOTES & DETAILS

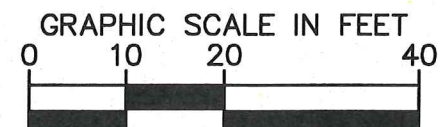
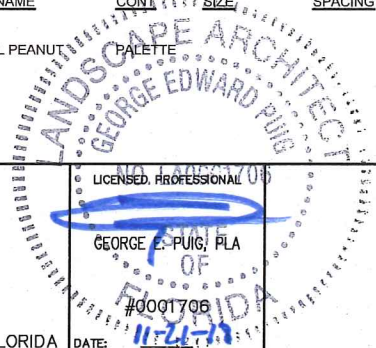
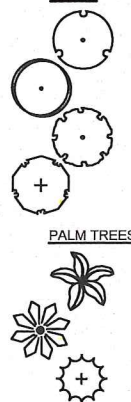
SHEET NUMBER
L-1251



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PLANT SCHEDULE L-1300

TREES								SHRUBS								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	NATIVE	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE	
CD	4	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES	SC	29	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES	
CS	1	CORDIA SEBESTENA	ORANGE GEIGER TREE	FG	3" CAL MIN	14'-16" HT	YES	SHRUB AREAS								
QV	1	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	FG	12" CAL MIN	20'-25" HT MIN.	YES	BA	1,352 SF	BORRICHIA ARBORESCENS	SEA OXEYE DAISY	CONT.	18" HT. MIN	18" O.C.	YES	
TD	2	TAXODIUM DISTICHUM	BALD CYPRESS	FG	12" CAL MIN	20'-25" HT MIN.	YES	MC	302	MULENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES	
PALM TREES								TF	235	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES	
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	NATIVE	GROUND COVERS								
RR	4	ROYSTONIA REGIA	ROYAL PALM	FG	25" GW MIN	35' - 40' HT.	YES	AG	6,046 SF	ARACHIS GLABRATA	PERENNIAL PEANUT PALETTE	NO				
SS	3	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35' C.T.	YES									
TR	19	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES									



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KHA PROJECT
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DATE
NOV 2018
SCALE AS SHOWN
DESIGNED BY MW
DRAWN BY AA
CHECKED BY GP

NWSRD (826-72A) PW-0112
PREPARED FOR
TOWN OF MEDLEY

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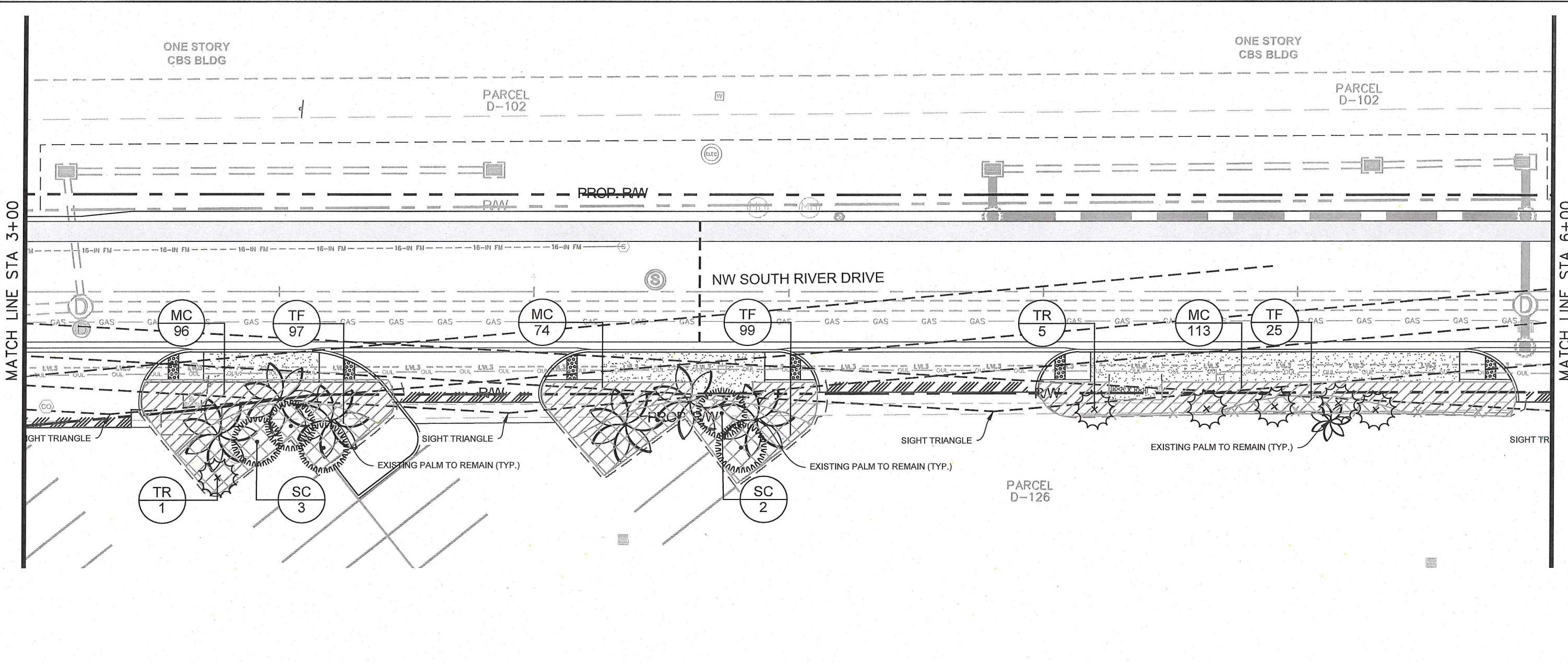
LICENSED PROFESSIONAL UPL
GEORGE E. PUGH, PLA
#0001706
DATE: 11-21-18

LANDSCAPE PLAN

SHEET NUMBER
L-1300

No.	REVISIONS	DATE	BY

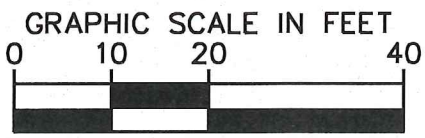
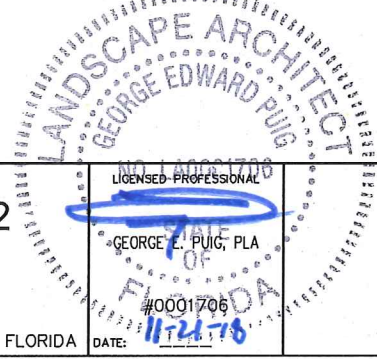
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PLANT SCHEDULE L-1301

PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	NATIVE
	TR	6	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	NATIVE
	SC	5	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	NATIVE
	MC	293	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	YES
	TF	221	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	YES

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No.	REVISIONS	DATE	BY



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

TOWN OF MEDLEY

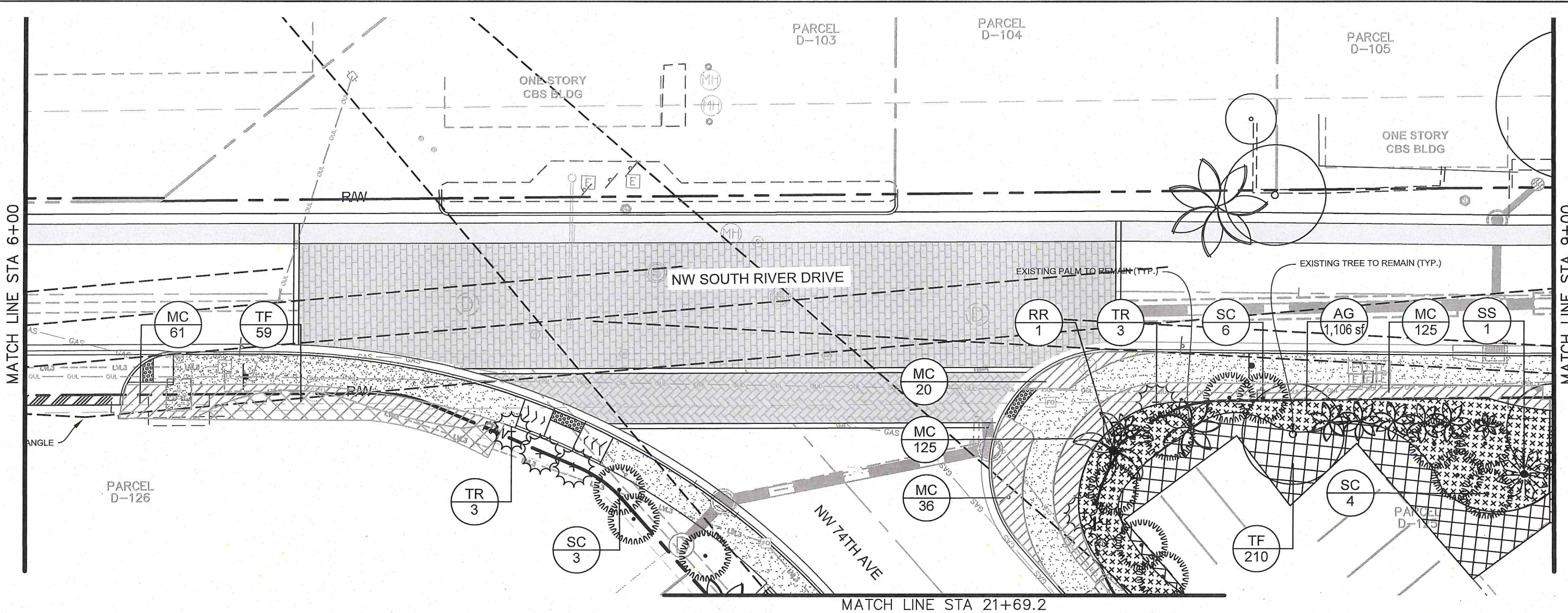
NWSRD (826-72A) PW-0112
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FLORIDA

LANDSCAPE PLAN

SHEET NUMBER
 L-1301

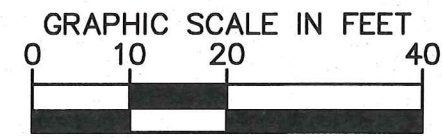
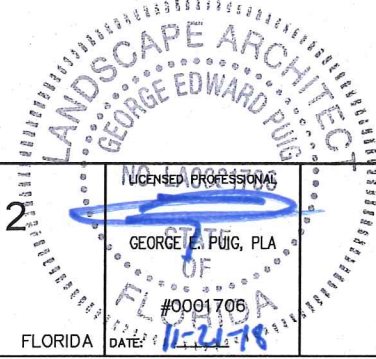
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PLANT SCHEDULE L-1302

PLANT TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	NATIVE
	RR	1	ROYSTONIA REGIA	ROYAL PALM	FG	25" GW MIN	35' - 40' HT.	YES
	SS	2	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35' C.T.	YES
	TR	6	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	12	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	242	MUHLBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	269	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	1,106 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE	-	-	NO

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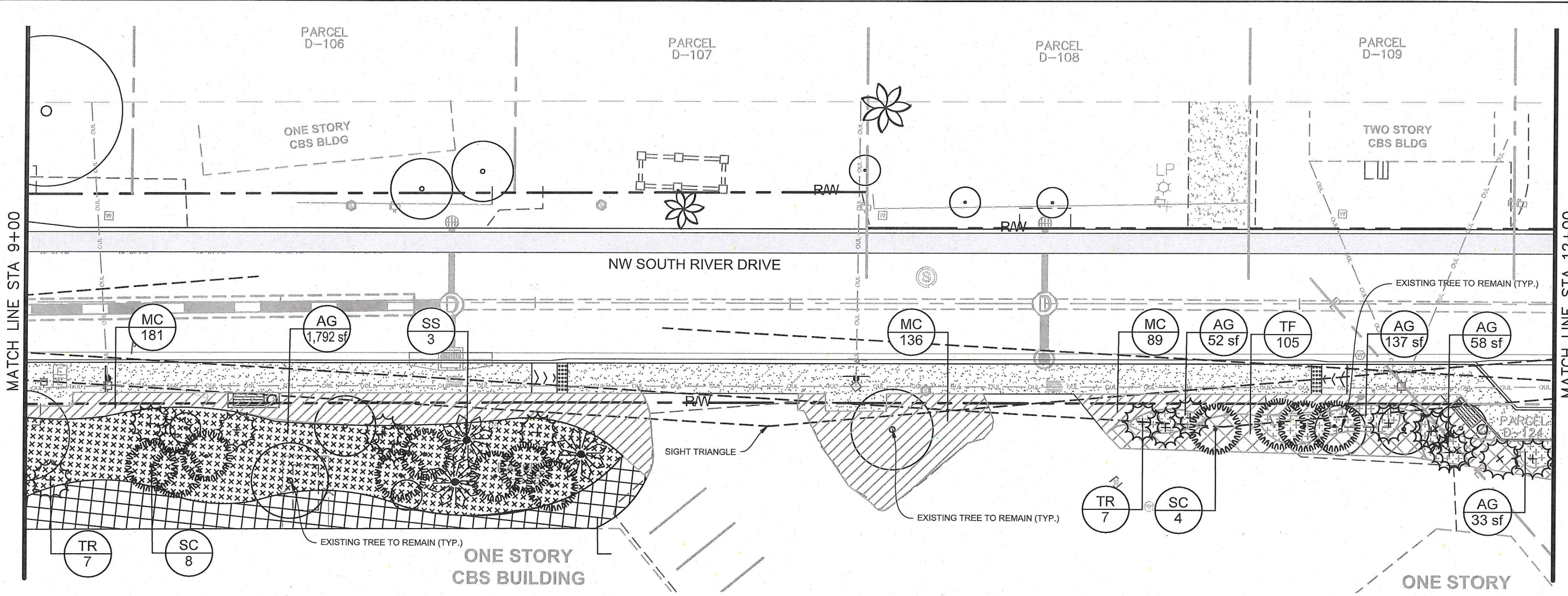
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SHEET NUMBER
 L-1302

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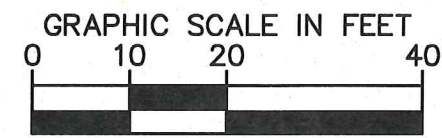
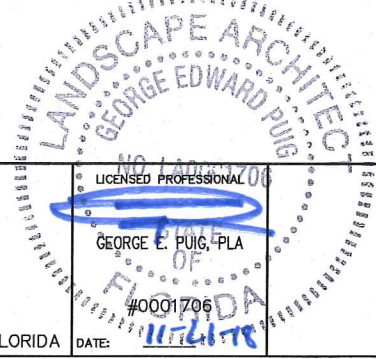
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PLANT SCHEDULE L-1303

PALM TREES								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE	
SS	6	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35' C.T.	YES	
TR	24	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES	
SHRUBS								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE	
SC	20	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES	
SHRUB AREAS								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE	
MC	406	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES	
TF	303	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES	
GROUND COVERS								
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE	
AG	2,072 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO	

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 DESIGNED BY MW
 DRAWN BY AA
 CHECKED BY GP TOWN OF MEDLEY

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FLORIDA DATE: 11/21/18

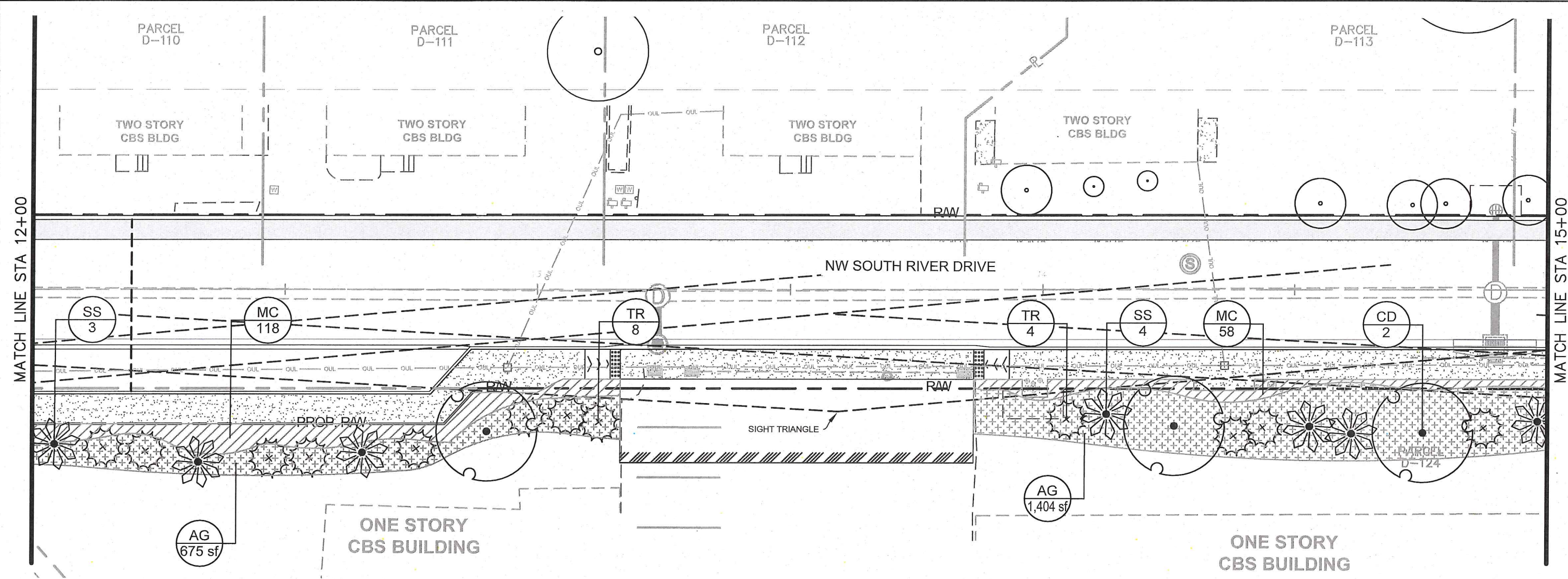
LANDSCAPE PLAN

SHEET NUMBER L-1303

No.	REVISIONS	DATE	BY

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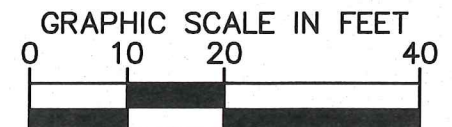
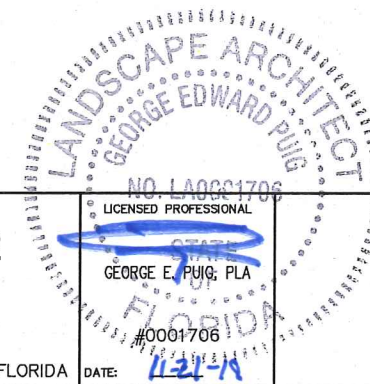


PLANT SCHEDULE L-1304

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	CD	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	SS	7	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35" C.T.	YES
	TR	12	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	176	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	2,079 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT
043637031
DATE
NOV 2018
SCALE AS SHOWN
DESIGNED BY MW
DRAWN BY AA
CHECKED BY GP

NWSRD (826-72A) PW-0112
PREPARED FOR
TOWN OF MEDLEY

TOWN OF MEDLEY

FLORIDA

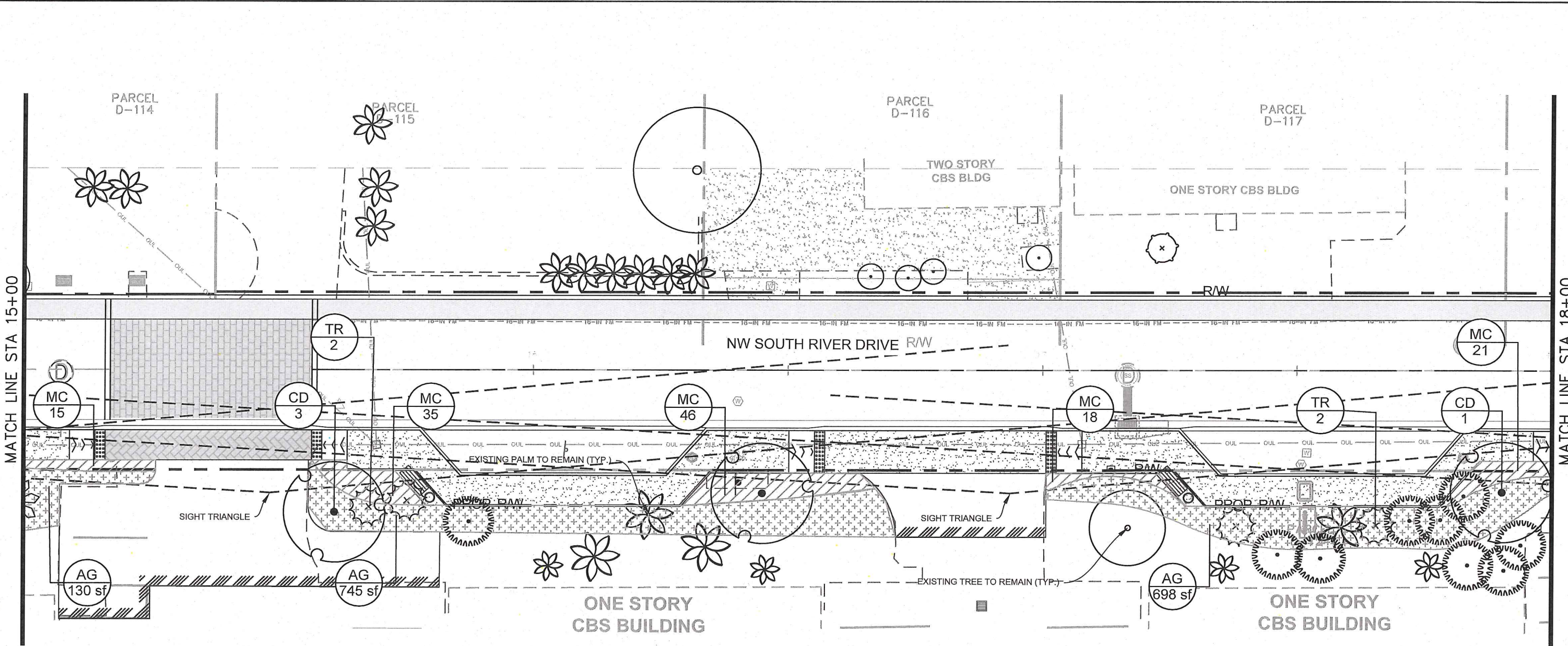
DATE: 11-21-18

LANDSCAPE PLAN

SHEET NUMBER
L-1304

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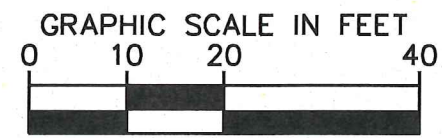
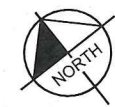
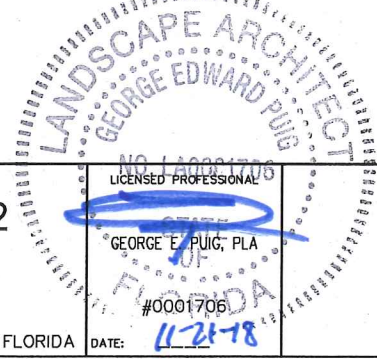


PLANT SCHEDULE L-1305

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE
	CD	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE
	TR	4	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	9	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	122	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	1,569 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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- Minimum Clear Zone shall be 4'-0" from the face of curb to trees.



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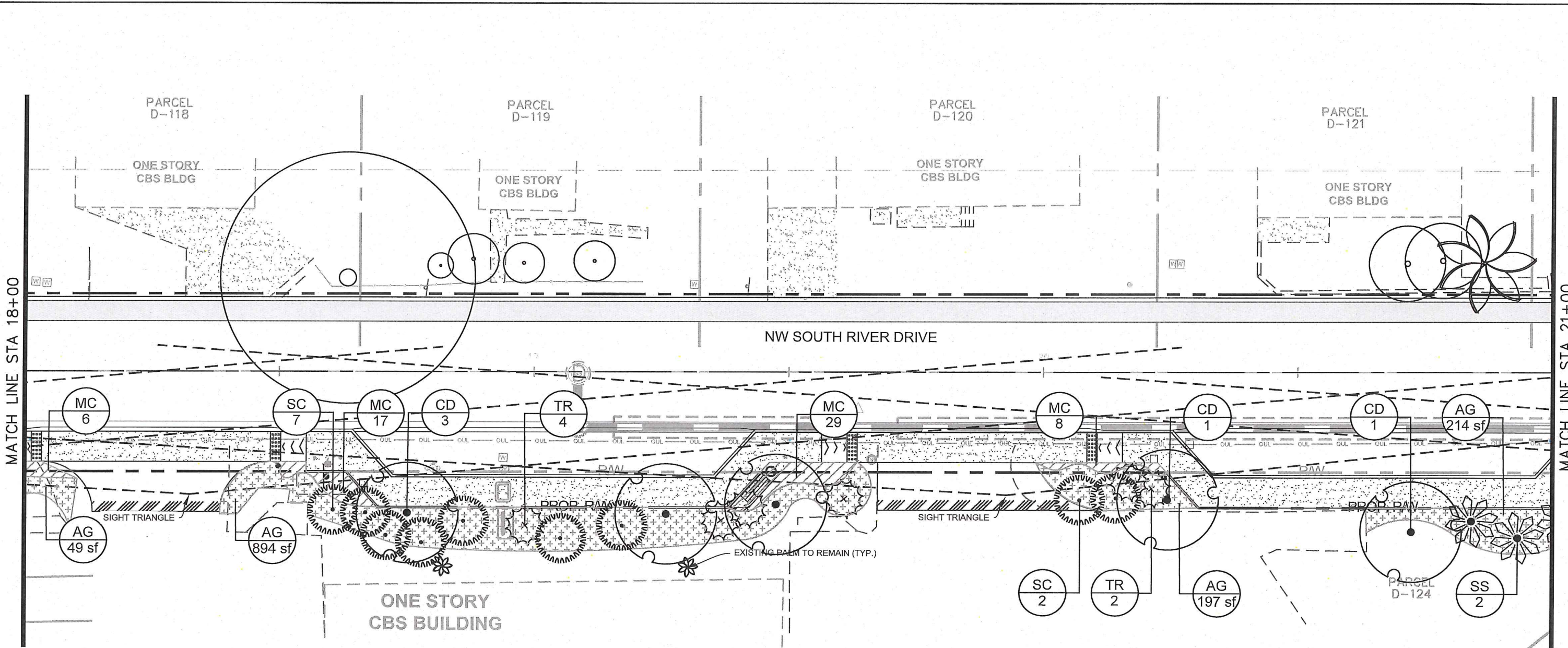
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LANDSCAPE PLAN

SHEET NUMBER
L-1305

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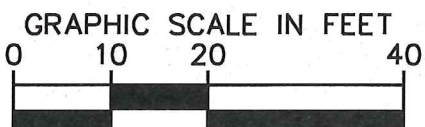
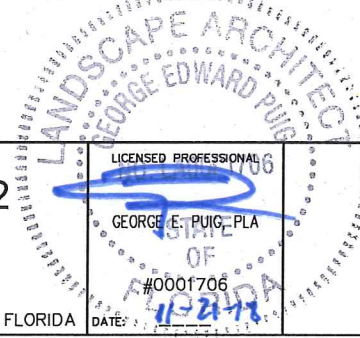
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PLANT SCHEDULE L-1306

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVI
	CD	5	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVI
	SS	2	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35" C.T.	YES
	TR	6	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVI
	SC	9	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVI
	MC	60	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVI
	AG	1,355 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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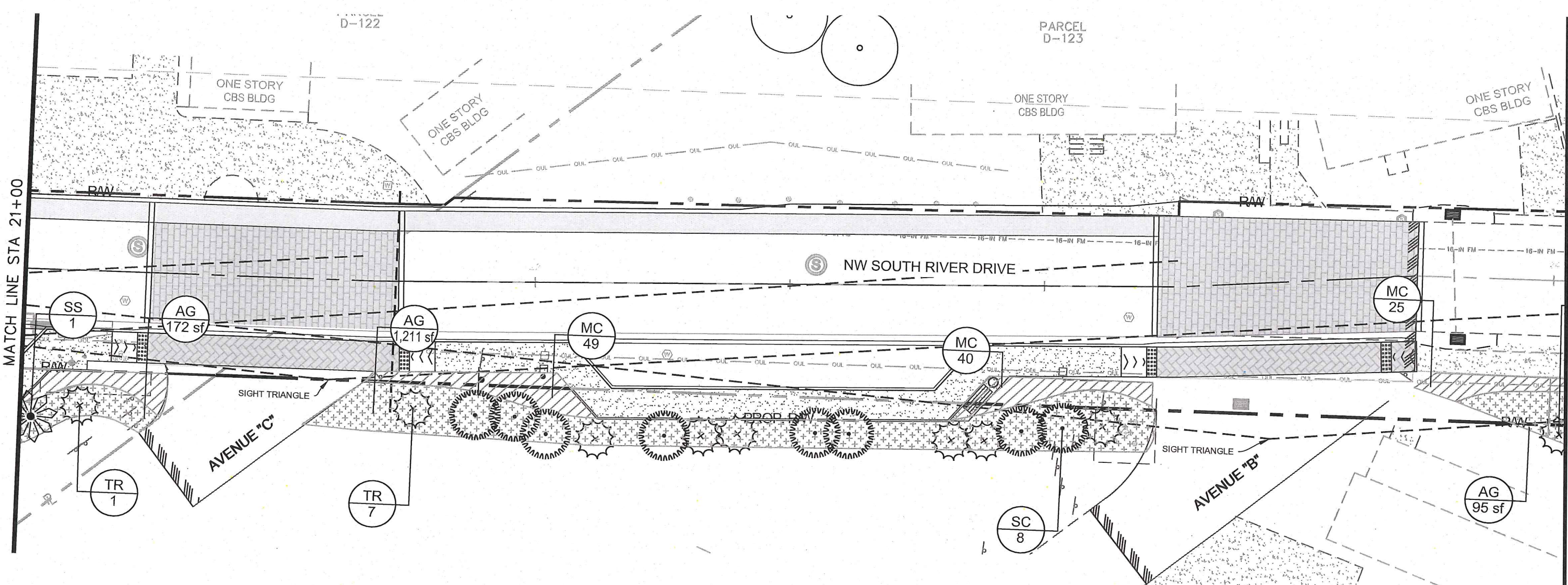
LICENSED PROFESSIONAL
GEORGE E. PUIG-PLA
STATE OF FLORIDA
#0001706
11/20/18

LANDSCAPE PLAN

SHEET NUMBER
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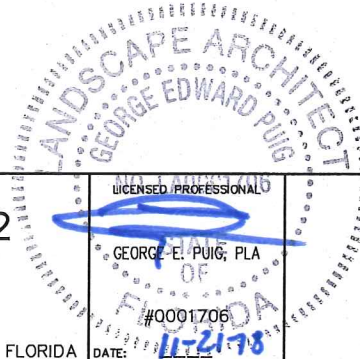
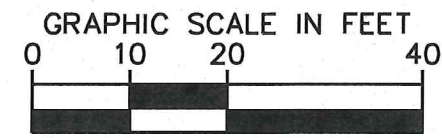


PLANT SCHEDULE L-1307

PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	SS	1	SABAL PALMETTO CURVED TRUNK/BOOTED	CABBAGE PALMETTO	FG	-	25'-35" C.T.	YES
	TR	8	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	8	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	145	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	1,478 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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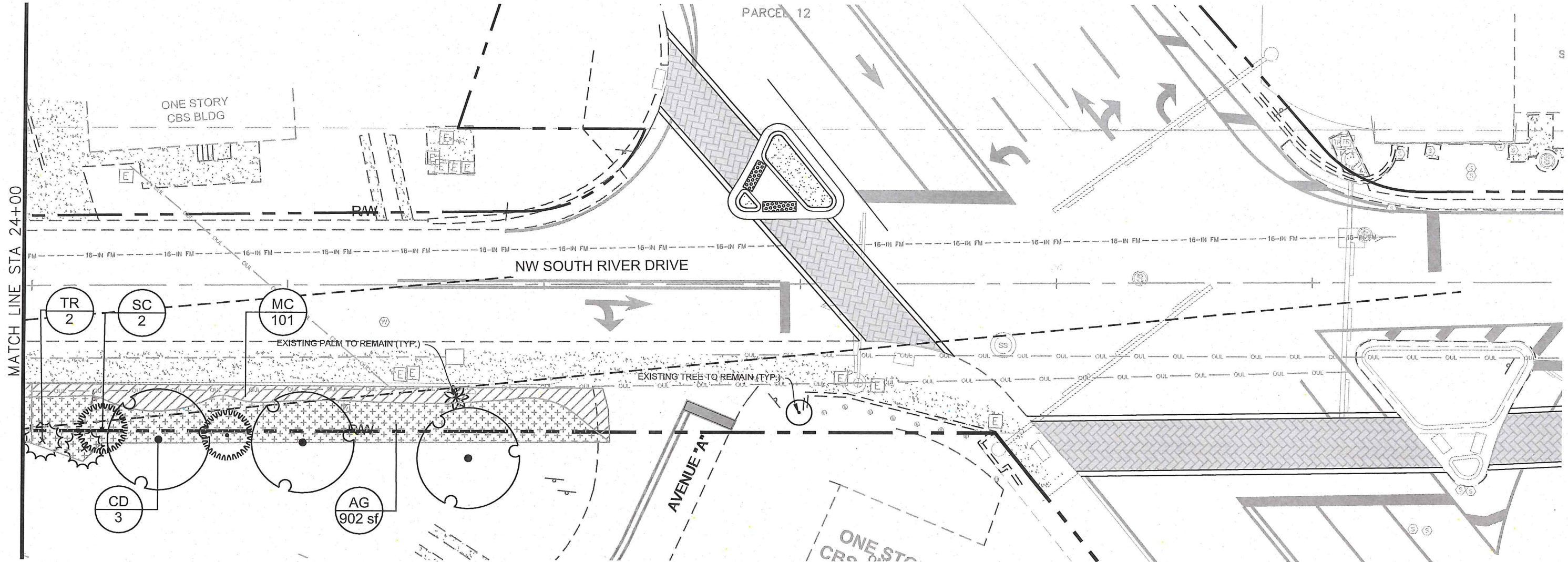
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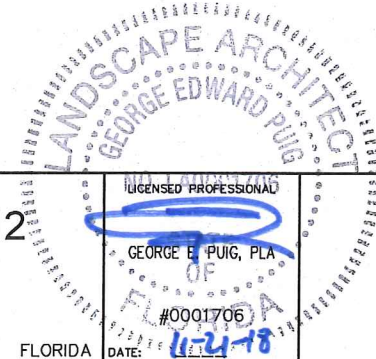


PLANT SCHEDULE L-1308

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE
	CD	3	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16" HT	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE
	TR	2	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	2	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	101	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	902 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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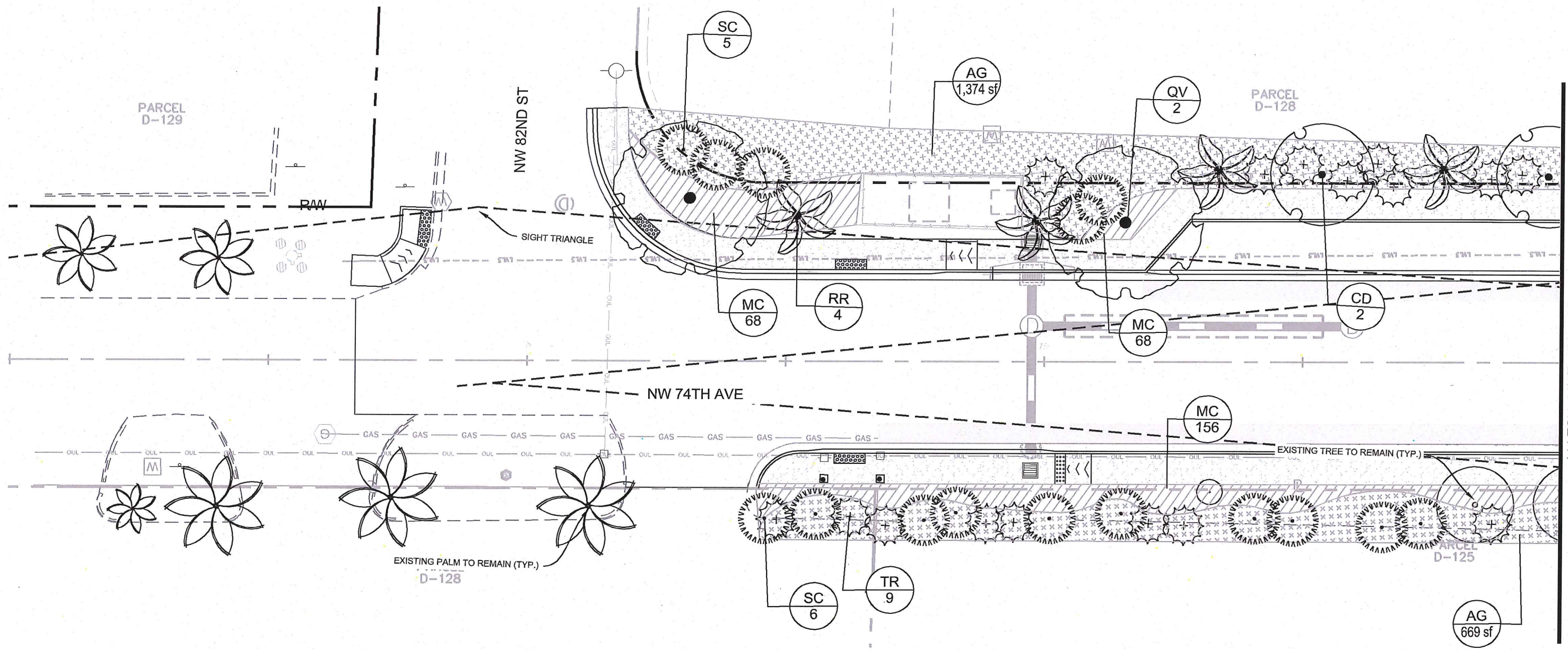
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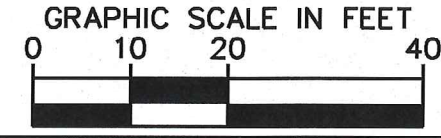


PLANT SCHEDULE L-1309

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	CD	2	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16' HT	YES
	QV	2	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	FG	12" CAL MIN	20'-25' HT MIN.	YES
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	CAL	SIZE	NATIVE
	RR	4	ROYSTONIA REGIA	ROYAL PALM	FG	25" GW MIN	35' - 40' HT.	YES
	TR	16	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	SC	16	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	MC	292	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	SIZE	SPACING	NATIVE
	AG	3,080 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

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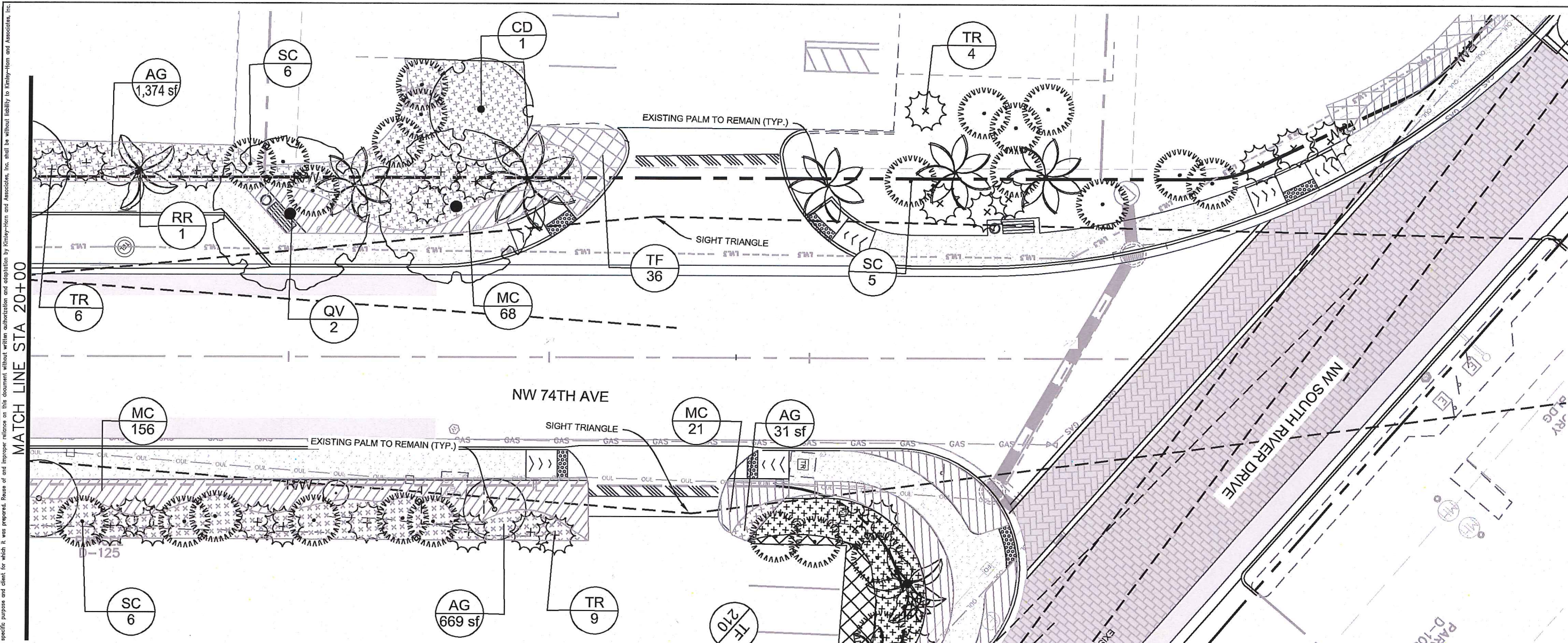
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 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY

LICENSED PROFESSIONAL

 GEORGE L. PUIG, P.E.
 #0001706
 DATE: 11-21-18

LANDSCAPE PLAN

SHEET NUMBER
L-1309



PLANT SCHEDULE L-1310

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATV
	CD	1	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	FG	3" CAL MIN	14'-16' HT	YES
	QV	2	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	FG	12" CAL MIN	20'-26" HT MIN.	YES
	RR	2	ROYSTONEA REGIA	ROYAL PALM	FG	25" GW MIN	35' - 40' HT.	YES
	TR	19	THRINAX RADIATA MULTI-TRUNK	FLORIDA THATCH PALM	FG	-	10' - 12' HT.	YES
	SC	17	SERENOA REPENS 'CINEREA'	SILVER SAW PALMETTO	FG	30" HT. X 30"	AS SHOWN	YES
	MC	245	MUHLENBERGIA CAPILLARIS	PINK MUHLY	CONT.	24" HT. X 24"	24" O.C.	YES
	TF	36	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	24" HT. X 24"	24" O.C.	YES

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	NATIVE
	AG	2,073 SF	ARACHIS GLABRATA	PERENNIAL PEANUT	PALETTE			NO

PROPOSED TREE/CATEGORY	SIZE	QT.	NATIVE	POINTS	TOTAL PTS. (S.F.)
Shade Tree 1:					
Coccoloba diversifolia	14' OAH	21	Yes	500	10,500
Cordia sebestena	14' OAH	1	Yes	500	500
Quercus virginiana	20' OAH	5	Yes	500	2,500
Taxodium distichum	20' OAH	2	Yes	500	1,000
Palm Tree 1:					
Roystonea regia	10' CT	11	Yes	300	3,300
Total Trees Proposed:		40			
Total Percent Native:		100%			
Total Percent Palms:		28%			
TOTAL MITIGATION POINTS:					17,800.00
TOTAL MITIGATION REQUIRED:					2,479.00
DIFFERENCE:					+15,321.00



PLANTING MITIGATION GUIDELINES

Use this table to calculate the planting requirements of your Tree Removal/Relocation Permit

If you plant as:	With this minimum height:	Credit obtained in square feet (sq.ft.)
Shade (Hardwood) Tree 1	Minimum 12' Overall Height	500
Shade (Hardwood) Tree 2	Minimum 8' Overall Height	300
Palm Tree 1	Minimum 10' Clear Trunk	300
Palm Tree 2	Minimum 3' Clear Trunk	100
Small Tree	Minimum 6' Overall Height	200

Please note: If more than ten (10) trees (based on the categories listed above) are required to be planted then a minimum of fifty (50) percent of all replacement trees shall be native to Miami-Dade County and no more than thirty (30) percent of the replacement trees shall be palms. However, when native trees are removed, all replacement trees shall be native species.

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NWSRD (826-72A) PW-0112
 PREPARED FOR
 TOWN OF MEDLEY
 TOWN OF MEDLEY
 FLORIDA DATE: 11-21-18

LANDSCAPE ARCHITECT
 GEORGE EDWARD PUIG
 LICENSED PROFESSIONAL
 GEORGE E. PUIG, P.L.A.
 #0001706

LANDSCAPE PLAN

SHEET NUMBER
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GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

D. MATERIALS

1. GENERAL

MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SUBMITTAL
MULCH	PRODUCT DATA
TOPSOIL MIX	AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS
PLANTS	PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY) INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC. CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS.
FERTILIZER	PRODUCT DATA
INNOCULANT	PRODUCT DATA
HERBICIDE	PRODUCT DATA

2. PLANT MATERIALS

A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE

B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF 70% COARSE SAND AND 30% FLORIDA PEAT, AS DESCRIBED BELOW.
2. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL HAVE A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
3. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TEST FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY THE OWNER.
4. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
5. CONTRACTOR SHALL PROVIDE PH TEST RESULT FOR ALL MIX COMPONENTS.
6. CONTRACTOR SHALL PROVIDE PENETROMETER ON-SITE AT ALL TIMES FOR COMPACTION INSPECTION AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.
7. PENETROMETER CRITERIA / SPECIFICATION SHALL RANGE FROM APPROX. 75 PSI TO LESS THAN 300 PSI OR AS DETERMINE BY LANDSCAPE ARCHITECT.
8. SOIL SHALL BE SUPPLIED BY ATLAS PEAT & SOIL INC. 9621 STATE RD, BOYNTON BEACH, FLORIDA 33472. PHONE: 561-734-7300.
9. FINAL MIX SHALL BE TESTED TO HAVE A SATURATED WEIGHT OF NO MORE THAN 110 POUNDER PER CUBIC FOOT WHEN COMPACTED TO 85% STANDARDS PROCTOR.

F. WATER

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

*FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A MINIMUM DEPTH OF 3 INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). TYPE OF MATERIAL: "FLORIMULCH" OR SHREDDED, STERILE EUCALYPTUS MULCH

I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, FLORIDA #1 OR BETTER.
2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
3. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.
4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S REPRESENTATIVE.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.
3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOSS OF PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" TO ACHIEVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.

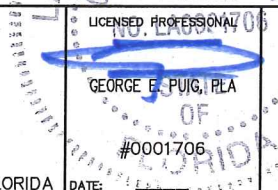
17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)



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KHA PROJECT	043637031
DATE	NOV 2018
SCALE	AS SHOWN
DESIGNED BY	MW
DRAWN BY	AA
CHECKED BY	GP

NWSRD (826-72A) PW-0112
 PREPARED FOR
TOWN OF MEDLEY
 TOWN OF MEDLEY



LANDSCAPE NOTES & DETAILS

SHEET NUMBER
L-1350

No.	REVISIONS	DATE	BY

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES (CONT.)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
4. SODDING
 - A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
 - B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
 - C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS, ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
6. LAWN MAINTENANCE:
 - A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADED IF NECESSARY).
 - B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

S. MAINTENANCE (ALTERNATE BID ITEM)

CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

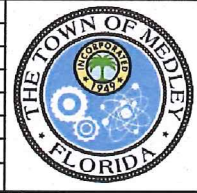
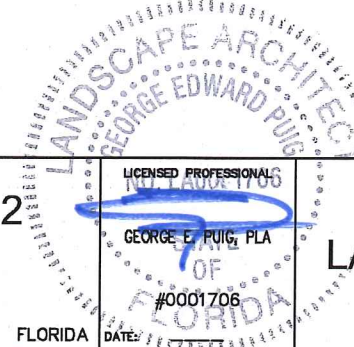
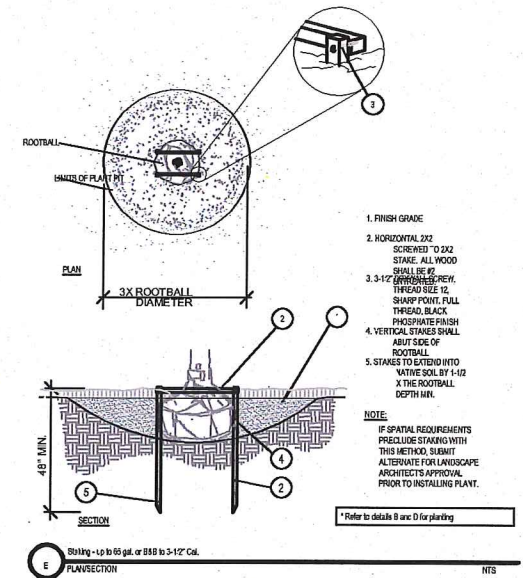
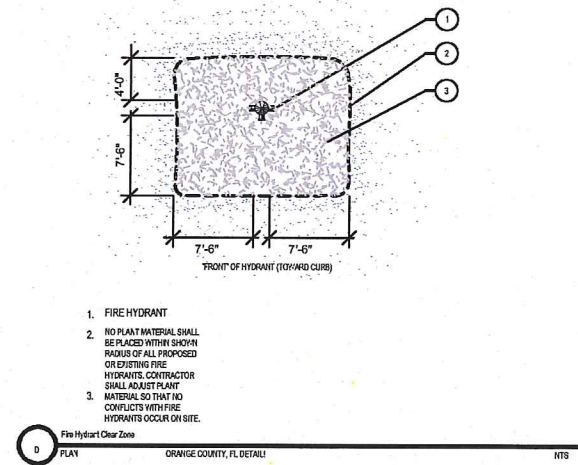
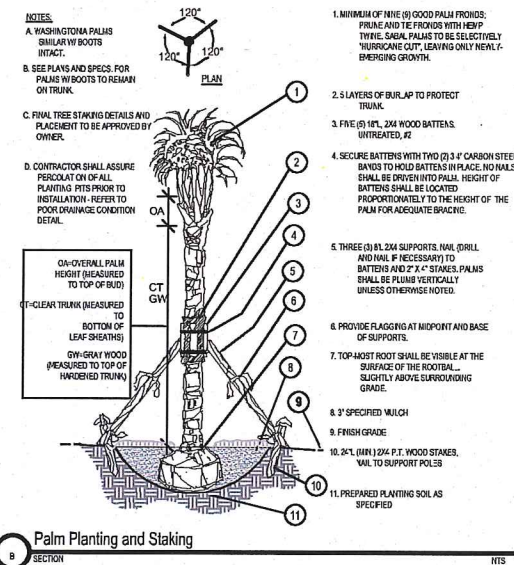
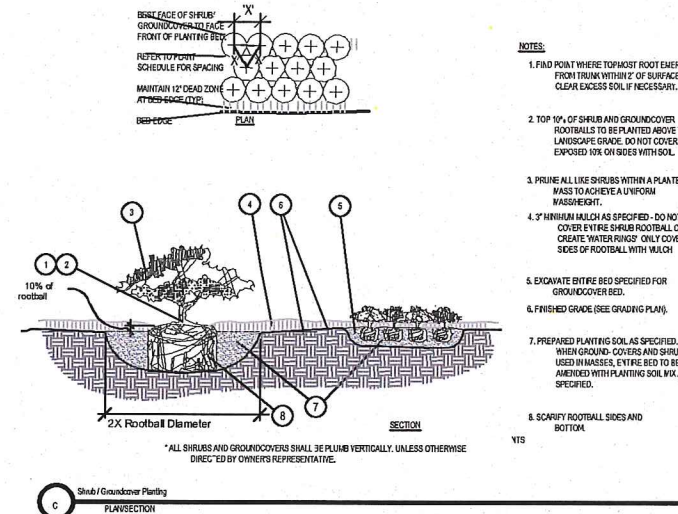
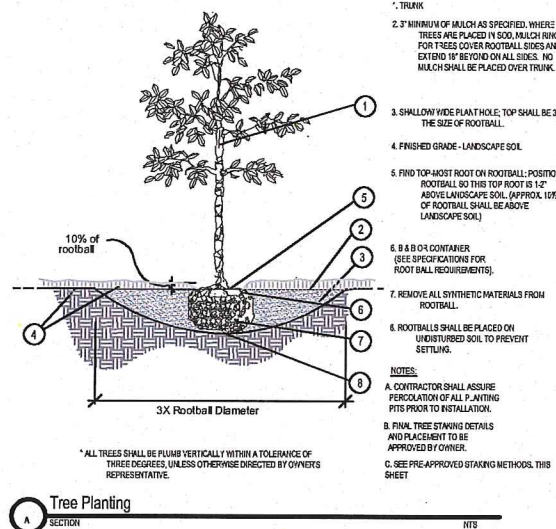
T. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

U. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

2. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.
3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.



Kimley»Horn
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KHA PROJECT
043637031
DATE
NOV 2018
SCALE AS SHOWN
DESIGNED BY MW
DRAWN BY AA
CHECKED BY GP

NWSRD (826-72A) PW-0112
PREPARED FOR
TOWN OF MEDLEY
FLORIDA

LICENSED PROFESSIONAL
NO. 1706
GEORGE E. PUGH, PLA
OF
FLORIDA
#0001706

LANDSCAPE NOTES & DETAILS

SHEET NUMBER
L-1351

No.	REVISIONS	DATE	BY