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 RAYL ENGINEERING & SURVEYING, LLC 202 EAST MAIN STREET DUNDEE, FL 33838 www.raylengineering.com FL REG# 298320 © 2025 FL LB 5564 7770	COVER SHEET		JOB NO. 24-160	
	PROJECT NAME: BETTY AVENUE DRAINAGE REMEDIATION		DATE: APRIL, 2025	
	PREPARED FOR: TOWN OF DUNDEE 202 EAST MAIN STREET DUNDEE, FLORIDA 33838		DRAWN BY: VR	
			CHECKED BY:	
			AP/CW	
SHEET NUMBER		REVISION		
C00.01				

GENERAL NOTES:

- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN. CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE CONFORMANCE TO THESE REQUIREMENTS BY ALL SUBCONTRACTORS.
- THE FOLLOWING DOCUMENTS ARE INCORPORATED BY REFERENCE AS PART OF THIS SITE PLAN.

**-BOUNDARY, TOPOGRAPHIC SURVEY,
BY: 30 SOUTH, LLC
DATE: 03/06/2025**

- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT HE/SHE HAS THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE.
- ALL HANDICAPPED PARKING SPACES SHALL BE CONSTRUCTED TO MEET, AT A MINIMUM, THE MORE STRINGENT OF THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. SEC. 12101 ET SEQ. AND 42 U.S.C. SEC. 4151) ET SEQ.) OR THE REQUIREMENTS OF THE JURISDICTION WHERE THIS PROJECT IS TO BE CONSTRUCTED.
 - PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED THE COMMENTS TO ALL PLANS AND OTHER DOCUMENTS AS REVIEWED AND APPROVED BY THE PERMITTING AUTHORITIES. CONTRACTOR SHALL HAVE COPIES OF ALL PERMITS AND APPROVALS ON SITE AT ALL TIMES.
 - THE OWNER/CONTRACTOR SHALL BE FAMILIAR WITH AND RESPONSIBLE FOR THE PROCUREMENT OF ANY AND ALL CERTIFICATIONS REQUIRED FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE REQUIREMENTS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES HAVING JURISDICTION OVER THIS PROJECT.
 - THE GEOTECHNICAL REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND, IN CASE OF CONFLICT, SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DISCREPANCY BETWEEN THE GEOTECHNICAL REPORTS AND PLANS AND SPECIFICATIONS PRIOR TO PROCEEDING WITH ANY FURTHER WORK.
 - THESE PLANS ARE BASED ON INFORMATION PROVIDED TO RAYL ENGINEERING & SURVEYING, LLC BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY RAYL ENGINEERING & SURVEYING, LLC IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.
 - ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IN WRITING IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO THE GIVING OF SUCH NOTIFICATION AND THE ENGINEER'S WRITTEN AUTHORIZATION OF SUCH ADDITIONAL WORK.
 - CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/BUILDING PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY LOCATIONS.
 - PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE BUILDING LAYOUT BY CAREFUL REVIEW OF THE SITE PLAN AND LATEST ARCHITECTURAL PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE). CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER OF ANY DISCREPANCIES.
 - DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) SHALL BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT AND CONTIGUOUS STRUCTURES.
 - THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, ETC. WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA.
 - THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE UTILITIES, PAVEMENT, STRIPING, CURB, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY SHALL RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE EXISTING CONDITIONS, AND IN CONFORMANCE WITH APPLICABLE CODES. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
 - THE ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS / MEANS FOR COMPLETION OF THE WORK DEPICTED NEITHER ON THESE PLANS, NOR FOR ANY CONFLICTS/SCOPE REVISIONS WHICH RESULT FROM SAME. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE METHODS/MEANS FOR COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
 - THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR JOB SITE SAFETY NOR HAS THE ENGINEER OF RECORD BEEN RETAINED FOR SUCH PURPOSES.
 - ALL CONTRACTORS MUST CARRY THE SPECIFIED STATUTORY WORKER'S COMPENSATION INSURANCE, EMPLOYER'S LIABILITY INSURANCE AND LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (CGL). ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME RAYL ENGINEERING & SURVEYING, LLC AND ITS SUB-CONSULTANTS AS ADDITIONAL NAMED INSURERS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE THIS HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST FURNISH RAYL ENGINEERING & SURVEYING, LLC WITH CERTIFICATIONS OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE PRIOR TO COMMENCING WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL, TO THE FULLEST EXTENT PERMITTED BY LAW, INDEMNIFY AND HOLD HARMLESS RAYL ENGINEERING & SURVEYING, LLC AND ITS SUB-CONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTORS.
 - RAYL ENGINEERING & SURVEYING, LLC WILL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND/OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. RAYL ENGINEERING & SURVEYING, LLC SHOP DRAWING REVIEW WILL BE CONDUCTED WITH REASONABLE PROMPTNESS WHILE ALLOWING SUFFICIENT TIME TO PERMIT ADEQUATE REVIEW. REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE THAT RAYL ENGINEERING & SURVEYING, LLC HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. RAYL ENGINEERING & SURVEYING, LLC WILL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS NOT BROUGHT TO ITS ATTENTION, IN WRITING, BY THE CONTRACTOR. RAYL ENGINEERING & SURVEYING, LLC WILL NOT BE REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.

20. NEITHER THE PROFESSIONAL ACTIVITIES OF RAYL ENGINEERING & SURVEYING, LLC NOR THE PRESENCE OF RAYL ENGINEERING & SURVEYING, LLC OR ITS EMPLOYEES AND SUB-CONSULTANTS AT A CONSTRUCTION / PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION MEANS, METHODS, SEQUENCE, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. RAYL ENGINEERING & SURVEYING, LLC AND ITS PERSONNEL HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR OR ITS EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. RAYL ENGINEERING & SURVEYING, LLC SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE NAMED AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE.
21. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE ENGINEER FOR SUCH DEVIATIONS, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK DONE WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM. THE CONTRACTOR SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ALL SUCH COSTS RELATED TO SAME.
22. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE R.O.W. OR ON SITE. THE COST FOR THIS ITEM SHOULD BE INCLUDED IN THE CONTRACTOR'S PRICE.
23. CONTRACTOR SHALL CONFIRM ADA ACCESSIBILITY PRIOR TO INSTALLING FINISHING COURSES OF SIDEWALKS AND PARKING AREAS.
24. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE-CONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.
25. ALL UTILITY EASEMENTS ARE TO BE SECURED PRIOR TO CERTIFICATE OF OCCUPANCY. THESE EASEMENTS SHALL BE SKETCHED, DESCRIBED, AND RECORDED AT THE SOLE COST OF THE PROPERTY OWNER.
26. CONTRACTOR SHALL PROVIDE MINIMUM 48 HOUR NOTICE TO ENGINEER AND APPLICABLE AGENCIES FOR SCHEDULING INSPECTIONS.
27. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD AND **THE TOWN OF DUNDEE** FOR THE FOLLOWING: FIRE HYDRANTS, VALVES, SANITARY SEWER MAINS, STORM STRUCTURES, AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.
28. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY.
29. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH M.U.T. C.D. AND APPROVED BY **THE TOWN OF DUNDEE** WHERE APPLICABLE PRIOR TO IMPLEMENTATION.
30. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
31. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE THE BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION FROM **THE TOWN OF DUNDEE**.
32. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE. ALL RESTORED TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE GOVERNING AGENCY'S TRAFFIC ENGINEERING STANDARDS.

PROJECT RECORD DOCUMENTS:

- DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.
- UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS-BUILT" PLANS FOR THESE IMPROVEMENTS SHOWING THE LOCATIONS AND APPLICABLE GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN OR INVERT AND EDGES OF PAVEMENT AT 50 FOOT INTERVALS, INCLUDING LOCATIONS AND ELEVATIONS OF ALL HIGH AND LOW POINTS.
- UPON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS, AND ELEVATIONS OF ALL IMPROVEMENTS IN A FORMAT APPROVED BY **THE TOWN OF DUNDEE PUBLIC UTILITIES / ENGINEERING DEPARTMENT**.
- "AS-BUILT" INFORMATION OF GRAVITY SEWERS MUST CONTAIN LOCATION OF SERVICE LATERALS, STATIONING OF BOTH THE WYE, CLEAN-OUTS, AND THE SERVICE END MUST ALSO BE INCLUDED.
- "AS-BUILT" INFORMATION OF WATER DISTRIBUTION SYSTEMS MUST CONTAIN LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS, SERVICES AND APPURTENANCES. TOP OF PIPE ELEVATIONS ALONG THE WATER MAIN ARE REQUIRED AT INTERVALS OF 100 FEET (MAXIMUM).
- ALL "AS-BUILT" INFORMATION ON ELEVATIONS SHALL BE CERTIFIED BY A FLORIDA PROFESSIONAL SURVEYOR & MAPPER
- "AS-BUILTS" OF WATER LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - TOP OF PIPE ELEVATIONS EVERY 100 LF.
 - LOCATIONS AND ELEVATIONS OF ALL FITTINGS INCLUDING BENDS, TEES, GATE VALVES, DOUBLE DETECTOR CHECK VALVES, FIRE HYDRANTS, ETC.
 - THE LINES TO EXISTING LINES SHALL BE "AS-BUILT"
 - THE ENDS OF ALL WATER SERVICES WHERE THE WATER SERVICE TERMINATES.
- "AS-BUILTS" OF ALL GRAVITY SANITARY SEWER LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AS WELL AS SLOPES.
 - THE STUB ENDS OF ALL SEWER LATERALS SHALL BE LOCATED, AND IF THERE ARE ANY CLEANOUTS INSTALLED ON THE SEWER LATERALS, THEN THE INVERT & TOP ELEVATION OF THESE CLEANOUTS NEED TO BE OBTAINED.
- FORCE MAIN "AS-BUILTS" SHALL BE PREPARED THE SAME AS THE WATER LINE "AS-BUILTS".
- "AS-BUILTS" OF ALL DRAINAGE LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - RIMS, INVERTS AND LENGTH OF PIPING BETWEEN STRUCTURES AND WEIR ELEVATIONS IF APPLICABLE.
 - THE SIZE OF THE PIPING SHALL BE VERIFIED BY THE SURVEY CREW AT THE TIME OF "AS-BUILT".
- ALL ROCK "AS-BUILTS" FOR PARKING LOT AREAS SHALL CONSIST OF THE FOLLOWING:
 - ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY.
 - ROCK "AS-BUILTS" SHALL BE TAKEN AT ALL LOCATIONS WHERE THERE IS A FINISH GRADE ELEVATION SHOWN ON THE DESIGN PLANS.
 - ALL DRAINAGE INLET AND MANHOLE RIM ELEVATIONS SHALL BE SHOWN.
 - ELEVATIONS AROUND ISLAND AREAS WILL ALSO BE REQUIRED.
 - WHERE CONCRETE IS TO BE USED AS A FINISHED PRODUCT FOR THE ROADWAY OR PARKING LOT ROCK "AS-BUILTS" WILL BE REQUIRED AS INDICATED ABOVE, AS WELL AS "AS-BUILTS" ON THE FINISHED CONCRETE AT LOCATIONS WHERE THERE IS A FINISH GRADE ELEVATION SHOWN ON THE DESIGN PLANS.
 - "AS-BUILTS" SHALL BE TAKEN ON ALL PAVED AND UNPAVED SWEALES, PRIOR TO PLACEMENT OF ASPHALT OR TOPSOIL/SOD, AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY AND CONFORMANCE TO THE PLAN DETAILS.
- UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, "AS-BUILTS", ON FULL SIZE, 24" X 36" MATERIAL. DRAWING, "AS-BUILT" INFORMATION SHALL BE PUT ON ALL RECORD THE LATEST ENGINEERING DRAWINGS. ONE (1) SET OF RECORD DRAWINGS, "AS-BUILTS" SHALL BE SUBMITTED. RECORD DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL LAND SURVEYOR. ADDITIONALLY, AN ELECTRONIC COPY OF THESE RECORD DRAWINGS, "AS-BUILTS" SHALL BE SUBMITTED TO THE ENGINEER OF RECORD IN AUTOCAD, VERSION 2007 OR LATER.

POLLUTION PREVENTION:

- THE CONTRACTOR SHALL CONTINUOUSLY ENSURE THAT THE PERIMETER OF THE SITE, INCLUDING CONSTRUCTION ENTRANCES, IS SECURED FROM ALLOWING DEBRIS TO LEAVE THE SITE DUE TO CONSTRUCTION ACTIVITY OR RAINFALL EVENTS. A WEEKLY LOG SHALL BE UPDATED AND KEPT ON-SITE IN ACCORDANCE WITH THE NPDES PERMIT. BY BIDDING DOCUMENTS CONTRACTOR ACKNOWLEDGES HE/SHE IS AWARE OF NPDES GUIDELINES AND POLICIES AS WELL AS BEST MANAGEMENT PRACTICES AND ASSUMES SOLE RESPONSIBILITY FOR FINES IMPOSED BY GOVERNMENTAL AGENCIES DUE TO VIOLATIONS.

PROJECT CLOSEOUT:

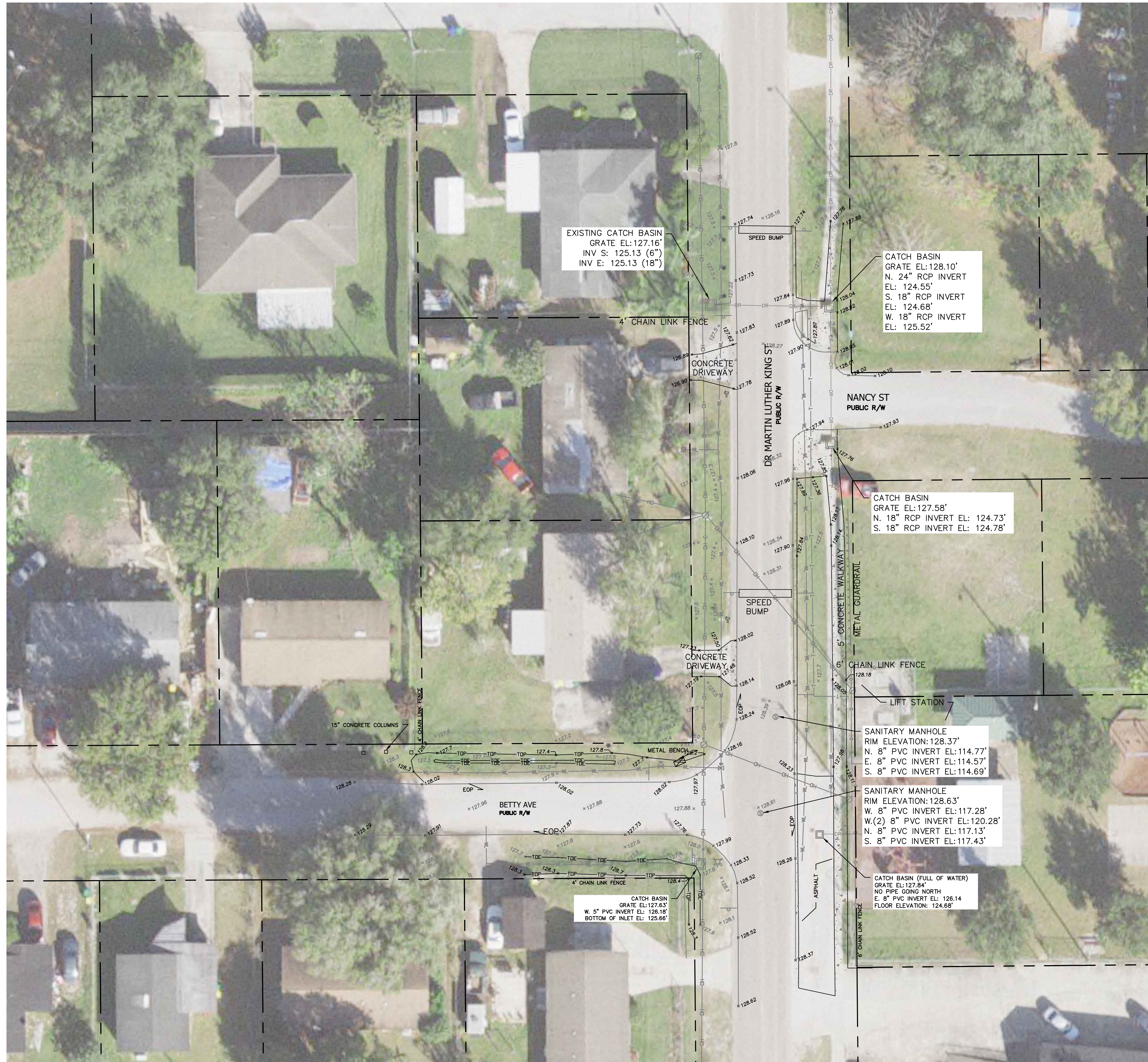
CLEANING UP:

- DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEPED BROOM CLEAN.
- THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THAT END, THE CONTRACTOR SHALL DO, AS REQUIRED, ALL NECESSARY HIGHWAY, DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
- WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAS BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
- ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AND MAPPER AT THE CONTRACTOR'S EXPENSE.
- ALL PAVED & UNPAVED SURFACES DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

JOB NO.		24-160		DATE:		APRIL 2025		DRAWN BY:		VR		CHECKED BY:		AR/CW		NO.		DATE:		REVISION	
GENERAL NOTES																					
PREPARED FOR: TOWN OF DUNDEE 202 EAST MAIN STREET DUNDEE, FLORIDA 33838																					
PROJECT NAME: BETTY AVENUE DRAINAGE REMEDIATION																					
 RAYL ENGINEERING & SURVEYING, LLC 610 EAST MAIN STREET DARTON, FL 33530 OFFICE: (663) 537-7901 www.raylengineering.com FL REG# 286920 © 2025 FL LB REG# 77770																					
SHEET NUMBER C00.02																					



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1. North, and the Coordinates shown herein are referenced to the West Zone of the Florida State Plane Coordinate System, North American Datum of 1983 (NAD 83) CORS 2011.
2. Elevations are to the North American Vertical Datum of 1988 (NAVD) and are based on National Geodetic Survey (NGS) Control Mark Y 63 (PID AK1732), Elevation = 145.68 feet.
3. All measurements are in U.S. Survey Feet.
4. Underground utilities shown herein are based on field located paint markings and flags that were marked per Sunshine 811 Ticket #056508430 requested on 02/27/2025.
5. Frontier Communications responded to Sunshine 811 Ticket and requested a marking delay. 30 South LLC. attempted to reach Frontier Communications by telephone. Phone calls were unreturned, and any Frontier Communications utilities pertinent to the project were not marked.

- | LEGEND | SURVEYOR'S NOTES: |
|------------------------------|--|
| E ELAVATION | 1. North, and the Coordinates shown herein are referenced to the West Zone of the Florida State Plane Coordinate System, North American Datum of 1983 (NAD 83) CORS 2011. |
| EOP EDGE OF PAVEMENT | 2. Elevation to the North American Vertical Datum of 1988 (NAVD 88) and are based on the 1988 (NAVD 88) Control Mark Y 83 (PG A01732), Dinsion 14.645 feet. |
| LB LICENSED SURVEYOR | 3. All measurements are in U.S. Survey Feet. |
| PVC POLYVINYL CHLORIDE | 4. Underground utilities were not uncovered as a part of this survey. Indicators of underground utilities (valves, manholes, paint, markers) have been located as shown. No investigation was made for these located features are connected below the surface. |
| R RIGHT OF WAY | |
| RFP REINFORCED CONCRETE PIPE | |
| x284 HAD SURFACE ELEVATION | |
| -H HORIZONTAL ELEVATION | |
| -E ELECTRIC REBAR | |
| U UTILITY POLE | |
| W WATER VALVE | |
| B BULKHEAD | |
| C GUY ANCHOR | |

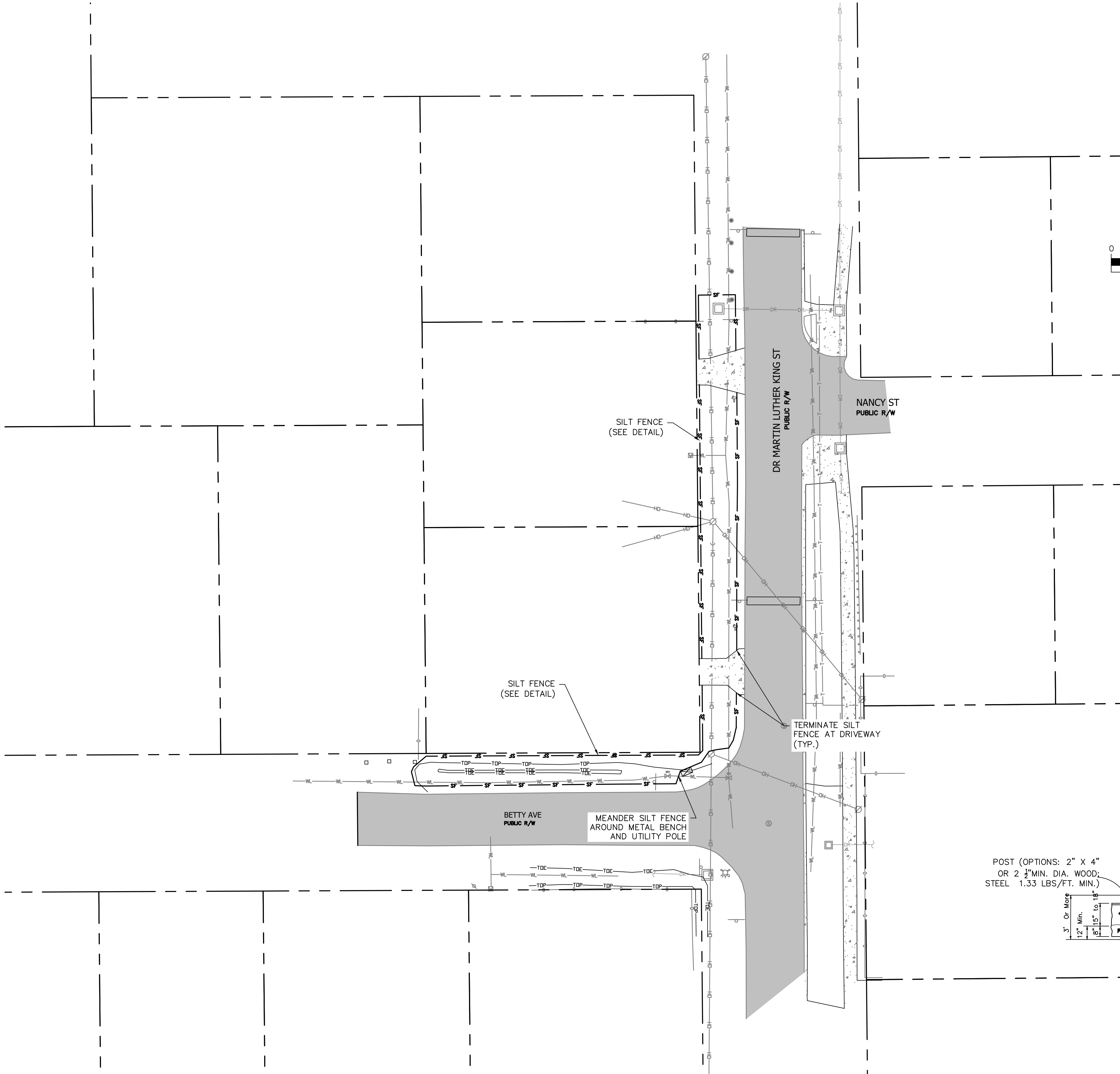
GRAPHIC SCALE

20 40

(IN FEET)

1 inch = 20 ft.





TOTAL AREA OF THE SITE:	0.10 ACRES	TOTAL AREA OF SITE TO BE DISTURBED:	0.10 ACRES
DESCRIBE THE NATURE OF THE CONSTRUCTION ACTIVITY	CONSTRUCTION FOR AN IMPROVED DRAINAGE SYSTEM ALONG BETTY AVENUE AND MARTIN LUTHER KING JR. STREET		
DESCRIBE THE SEQUENCE OF MAJOR EVENTS	1. CONSTRUCT SILT FENCE AND INLET PROTECTION (SEE PLAN VIEW) 2. BEGIN BUILDING CONSTRUCTION 3. CONSTRUCT INSTALL STORM SEWER SYSTEM. 4. COMPLETE FINAL GRADING. 5. CONSTRUCT LANDSCAPING, & FINAL STABILIZATION (GRASS SOD, SEED & MULCH, ETC)		
EXISTING DATA DESCRIBING SOIL AND STORMWATER DISCHARGE QUALITY:	N/A		
ESTIMATE DRAINAGE AREA FOR EACH DISCHARGE POINT:	0.94 ACRES		
LATITUDE AND LONGITUDE OF EACH DISCHARGE POINT AND IDENTITY OF EACH RECEIVING WATER OR M54:	LATITUDE: 28° 00' 58.86"N LONGITUDE: 81° 37' 25.86"W TOWN OF DUNDEE		
THE PROPER APPLICATION RATES OF ALL FERTILIZERS, HERBICIDES & PESTICIDES USED AT THE CONSTRUCTION SITE:	FERTILIZERS AND PESTICIDES WILL BE USED AT A MINIMUM AND IN ACCORDANCE WITH THE MANUFACTURERS SUGGESTED APPLICATION RATES.		

DESCRIPTION OF CONTROLS, BMPs, AND MEASURES TO BE IMPLEMENTED FOR EACH SOIL DISTURBING ACTIVITY: SILT FENCE WILL BE CONSTRUCTED AROUND THE ENTIRE PERIMETER OF THE PROJECT AREA.	
TEMPORARY STABILIZATION PRACTICES: TOP OF SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE.	
PERMANENT STABILIZATION PRACTICES: ALL DISTURBED AREAS WILL BE STABILIZED WITH SOD AND / OR SEED & MULCH	
STRUCTURAL CONTROLS IMPLEMENTED TO DIVERT STORMWATER FLOW FROM EXPOSED SOILS, STORE FLOWS, RETAIN SEDIMENT AND LIMIT STORMWATER RUNOFF: WATER QUALITY TREATMENT FOR RUNOFF WILL BE PROVIDED IN THE STORMWATER SYSTEM.	
SEDIMENT BASINS IMPLEMENTED FOR DISTURBANCE AREAS GREATER THAN 10 ACRES: N/A	
PERMANENT STORMWATER MANAGEMENT CONTROL SYSTEMS TO BE INSTALLED DURING CONSTRUCTION PROCESS (SUCH AS DETENTION/RETENTION SYSTEMS AND VEGETATED SWALES):	
DESCRIPTION OF MAINTENANCE PLAN FOR ALL STRUCTURAL AND NON-STRUCTURAL CONTROLS: CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY SEDIMENT AND EROSION CONTROL FEATURES IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OR AS FOLLOWS, WHICHEVER IS MORE STRINGENT: 1. SILT FENCE SHALL BE INSPECTED AT LEAST WEEKLY. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. 2. MAINTENANCE SHALL BE PERFORMED ON THE ROCK ENTRANCE WHEN ANY VOID SPACES ARE FULL OF SEDIMENT. 3. SYNTHETIC BALES SHALL BE USED IN AREAS WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS. INSPECTION OF THE SYNTHETIC BALES SHALL TAKE PLACE IMMEDIATELY AFTER EACH RAINFALL AND ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. 4. INLETS/OUTFALLS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAIN EVENT AND ANY REQUIRED REPAIRS TO THE SYNTHETIC BALES, SILT FENCE, OR FILTER FABRIC SHALL BE PERFORMED IMMEDIATELY. 5. BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RESEED PER MANUFACTURER'S INSTRUCTIONS. 6. MULCH AND SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY. 7. MAINTAIN ALL OTHER AREAS OF THE SITE WITH PROPER CONTROLS AS NECESSARY.	
DESCRIPTION OF INSPECTION PROCEDURES AND INSPECTION DOCUMENTATION PROCEDURES (MUST OCCUR WEEKLY AND WITHIN 24 HOURS OF STORM EVENT OF OVER 0.1"): 1. ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5-INCHES OR GREATER BY A CONTRACTOR'S REPRESENTATIVE. 2. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT. 3. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE SILT FENCE. 4. SILT FENCE SHALL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT AND TEARS TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. 5. THE SEDIMENT BASINS SHALL BE INSPECTED DEPTH OF SEDIMENT AND BUILD UP OF SEDIMENT SHALL BE REMOVED WHEN IT REACHES 10% OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. 6. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING SHALL BE INSPECTED FOR BARE SPOTS & WASHOUTS. 7. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN AN ACTIVE LOG READILY AVAILABLE AT THE JOB SITE. 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, REPAIR ACTIVITIES AND COMPLETING THE INSPECTION AND MAINTENANCE REPORT.	
IDENTIFICATION AND DESCRIPTION OF ALL SOURCES OF NON-STORMWATER DISCHARGES: IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: 1. WATER FROM WATER LINE FLUSHING. 2. PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). 3. UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION); ALL NON-STORM WATER DISCHARGES SHALL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE.	

CONTRACTOR / SUBCONTRACTOR

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

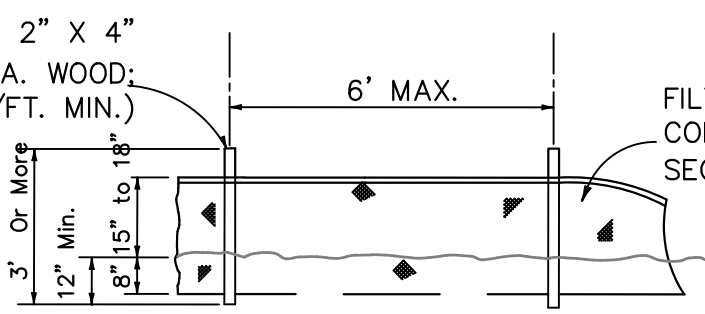
NAME	TITLE	COMPANY NAME, ADDRESS AND PHONE NUMBER	DATE

CONSTRUCTION SURFACE WATER MANAGEMENT PLAN INFORMATION

OWNER:
TOWN OF DUNDEE
202 EAST MAIN STREET
DUNDEE, FL 33838
PHONE: (863) 438-8330
VICE TOWN OF DUNDEE.COM
CONTACT: JOHNATHAN VICE

OWNER SIGNATURE

POST (OPTIONS: 2" X 4"
OR 2 1/4" MIN. DIA. WOOD;
STEEL 1.33 LBS/FT. MIN.)



ELEVATION

NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

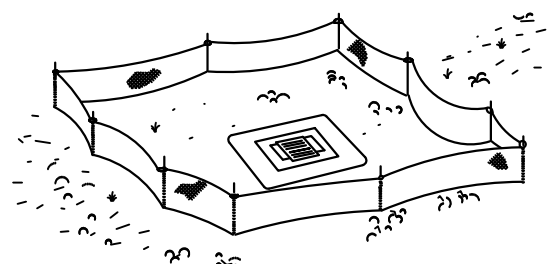
OPTIONAL POST POSITIONS

PRINCIPLE POST POSITION (CANTED 20° TOWARD FLOW)

FILTER FABRIC (IN CONFORMANCE WITH SEC. 985 FDOT SPEC.)

SECTION

TYPE III SILT FENCE



TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

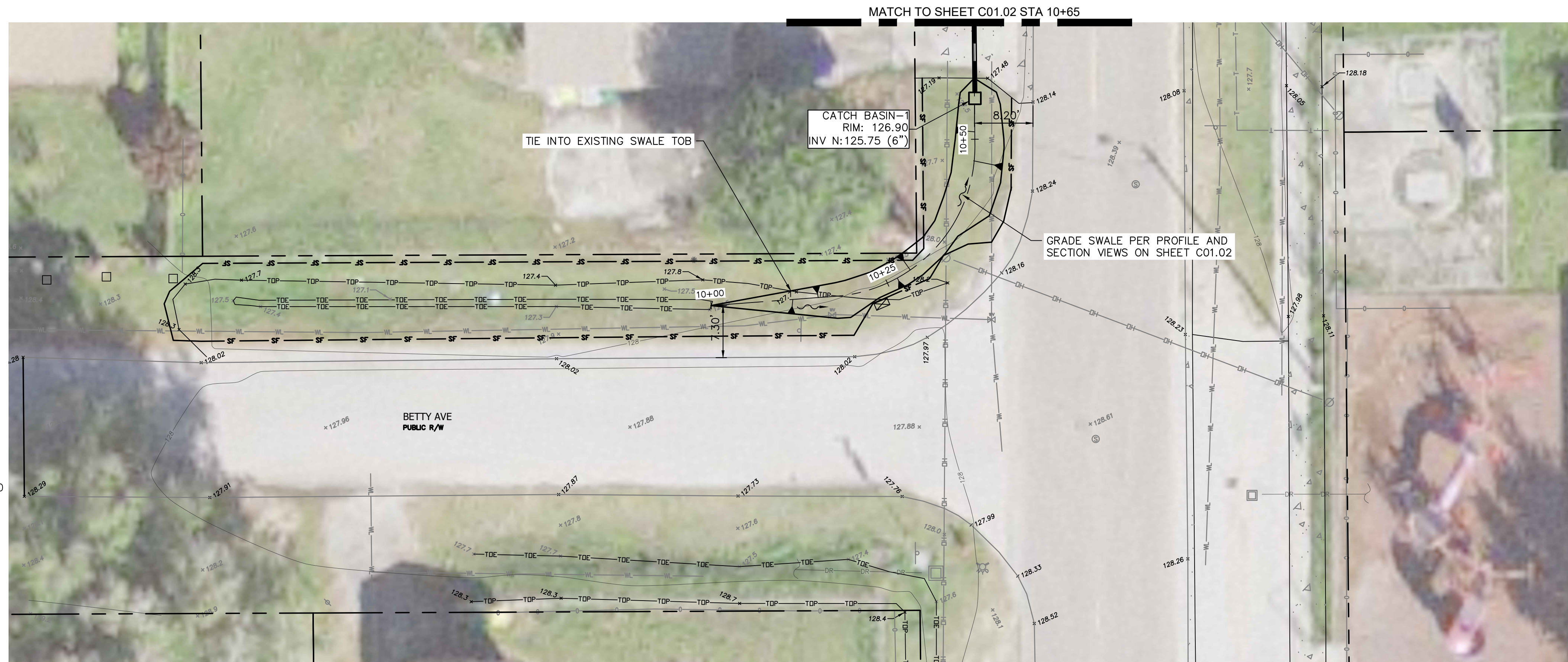
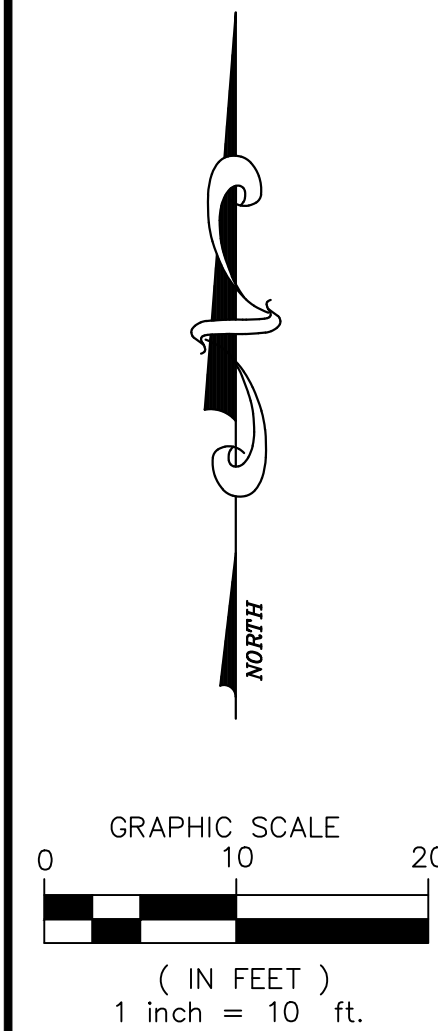
EROSION CONTROL DETAILS

N.T.S.



Know what's below.
Call before you dig.

JOB NO.	24-160	DATE:	APRIL 2025	DRAWN BY:	VR	CHECKED BY:	AR/CW	NO.	DATE:	REVISION
SHEET TITLE										
DEMOLITION AND SWPPP										
PROJECT NAME:										
TOWN OF DUNDEE 202 EAST MAIN STREET DUNDEE, FLORIDA 33838										
BETTY AVENUE DRAINAGE REMEDICATION										
RAYL ENGINEERING & SURVEYING, LLC 610 EAST MAIN STREET DARTON, FL 33530 OFFICE: (863) 537-7901 www.raylengineering.com FL REG# 28620 © 2025 FL LB REG# 77702										
SHEET NUMBER										
C00.04										



LEGEND (SURVEY)

E	ELEVATION
EOP	EDGE OF PAVEMENT
L B	LICENSED BUSINESS
PVC	POLYVINYL CHLORIDE
R/W	RIGHT OF WAY
RCP	REINFORCED CONCRETE PIPE
x128.4	HARD SURFACE ELEVATION
x128.04	GROUND ELEVATION
SIGN	
WATER METER	
UTILITY POLE	
WATER VALVE	
MAILBOX	
GUY ANCHOR	

FIRE HYDRANT

 CATCH BASIN

 SANITARY MANHOLE

 CLEANOUT

 SPRINKLER

 CHAIN LINK FENCE

 OVERHEAD WIRE

 UNDERGROUND WATER

 UNDERGROUND DRAINAGE

 UNDERGROUND TELEPHONE

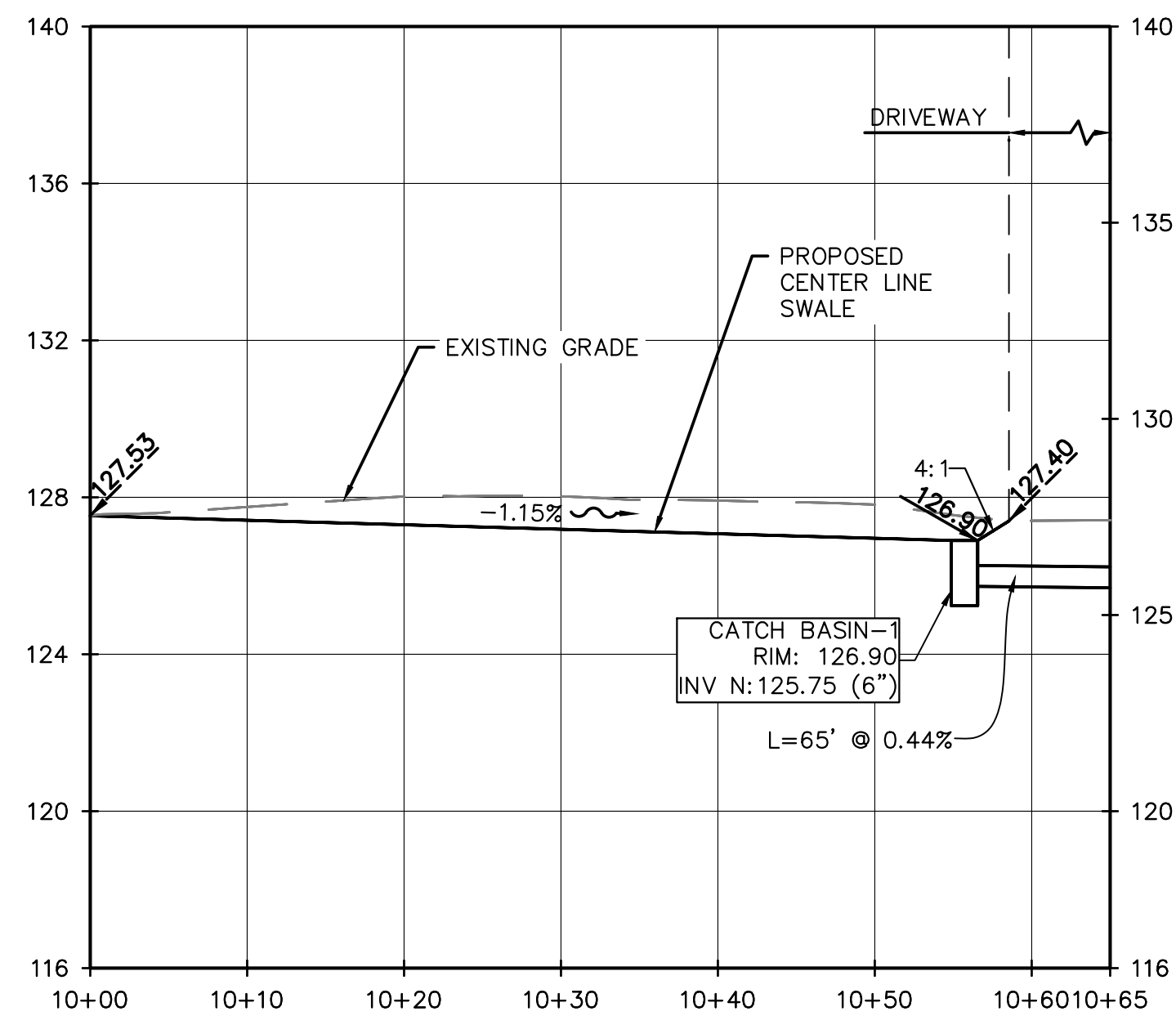
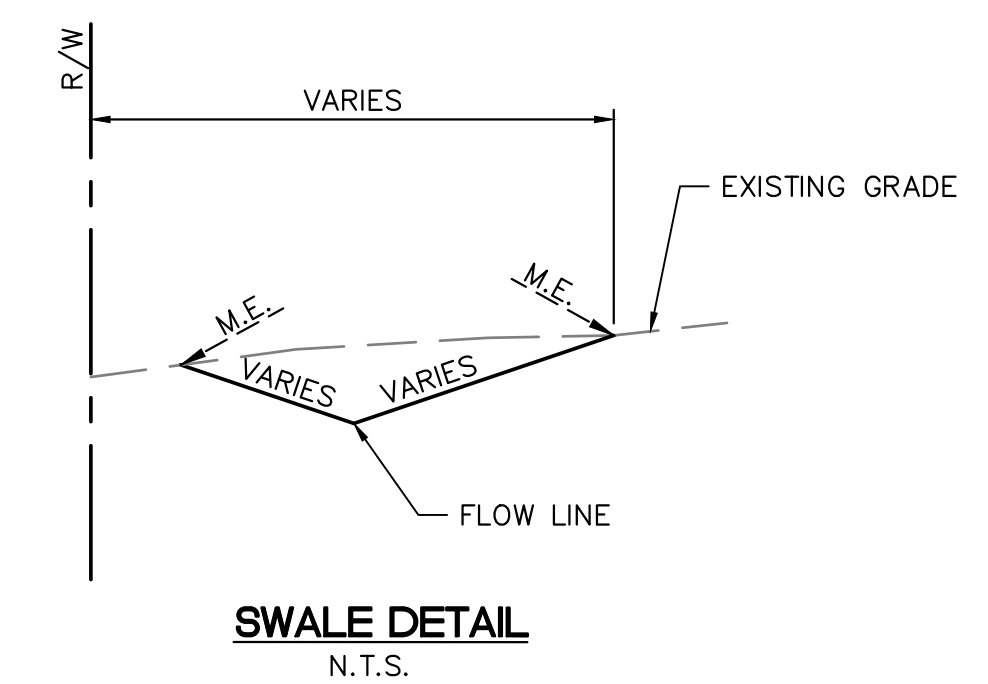
 TOP OF BANK

 TOE OF SLOPE

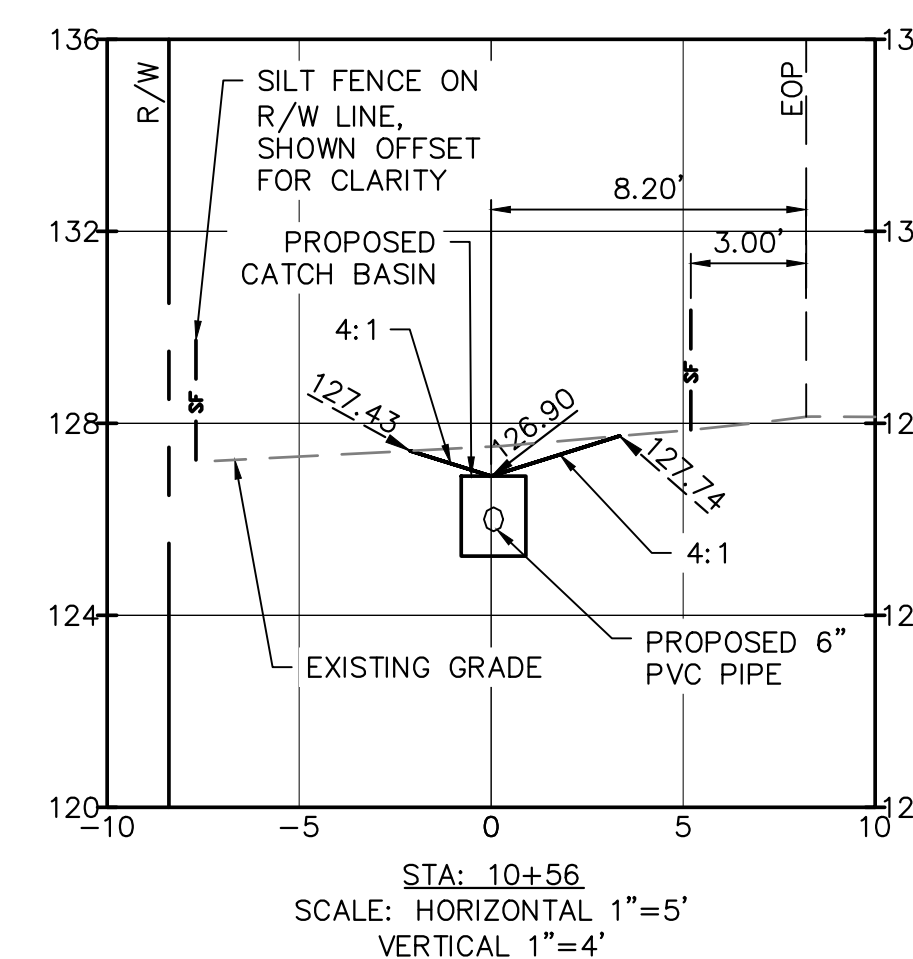
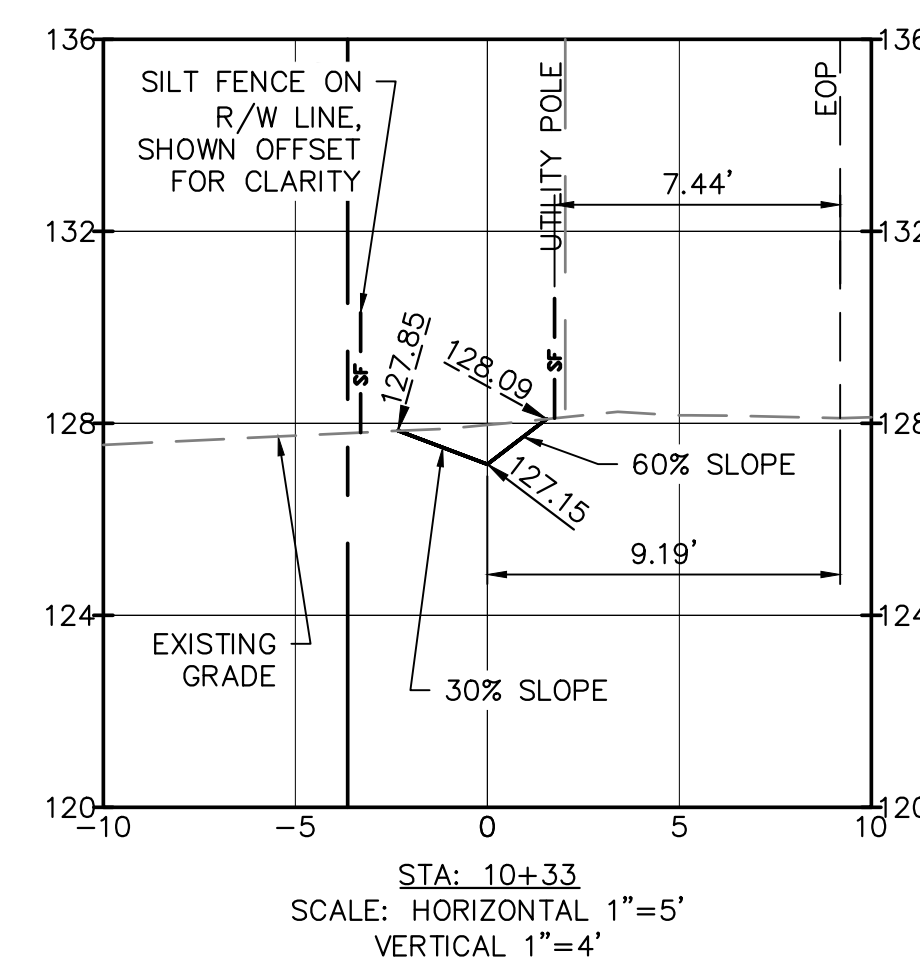
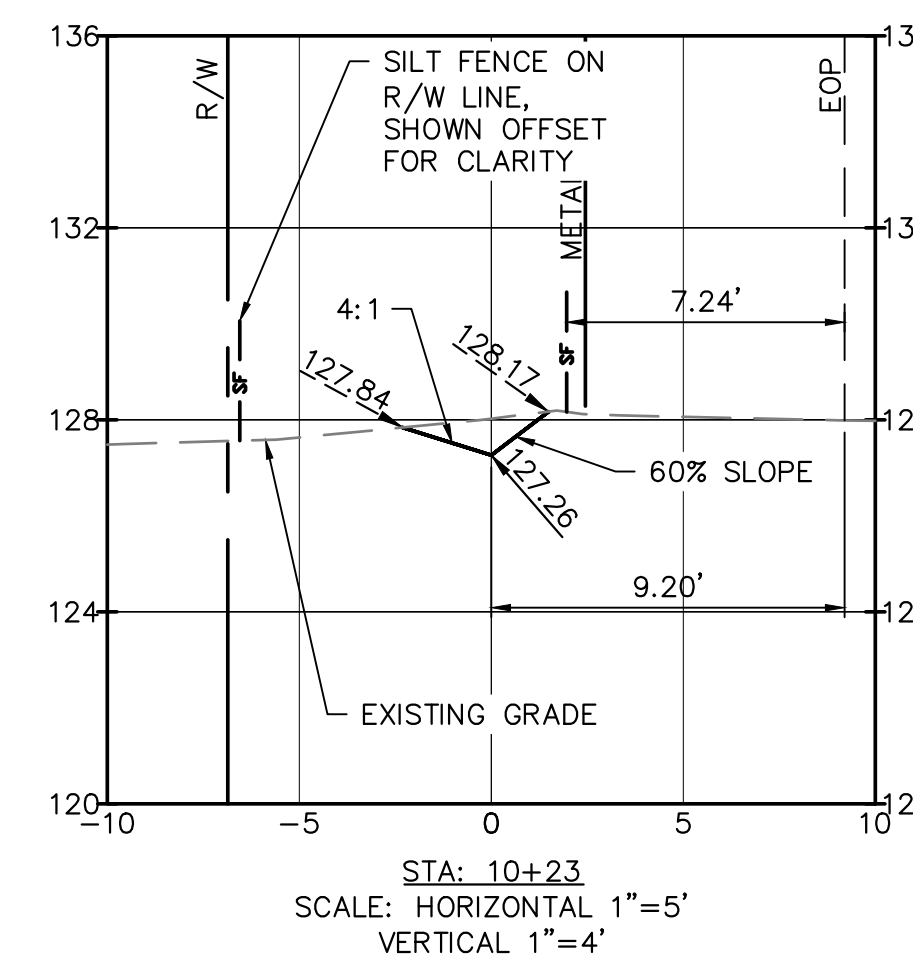
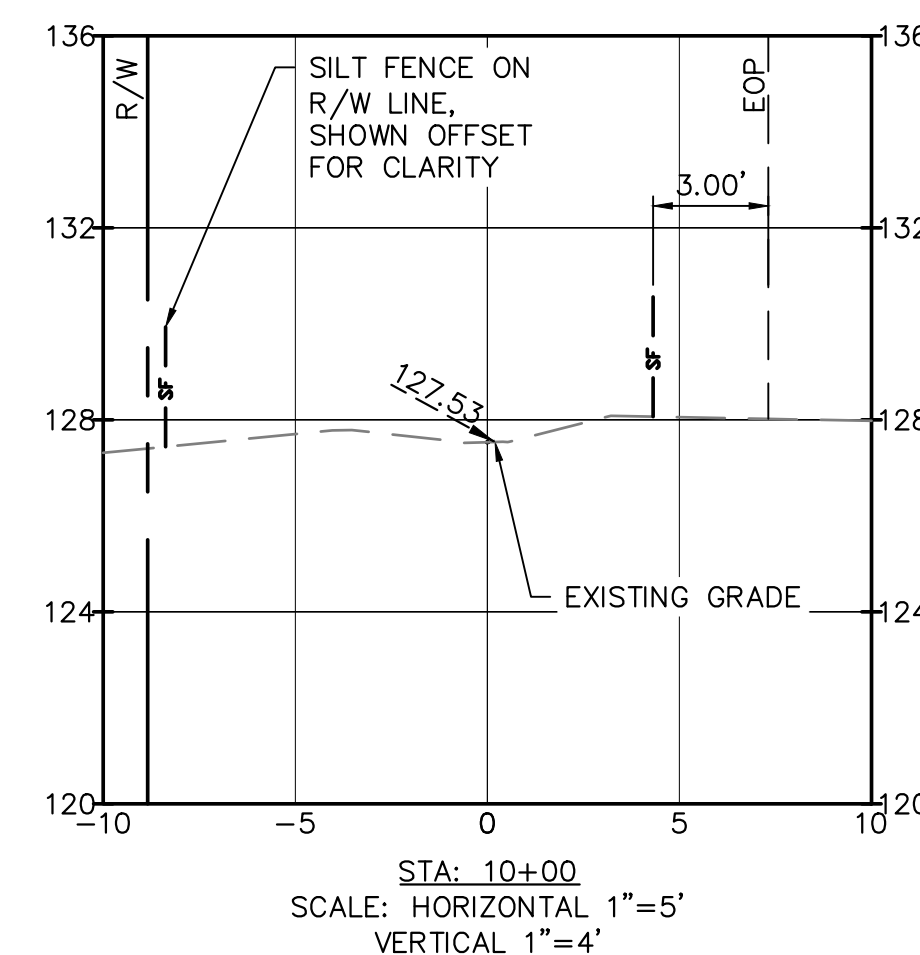
 CONDUIT ELEVATION

LEGEND


 PROPOSED CATCH BASIN
 PROPOSED SURFACE FLOW LINE
 PROPOSED STORM PIPE



CENTER LINE (STATION 10+00 TO 10+65)
SCALE: HORIZONTAL 1"=10'
VERTICAL 1"=4'



Know what's **below**.
Call before you dig.

PLAN, PROFILE AND CROSS SECTIONS

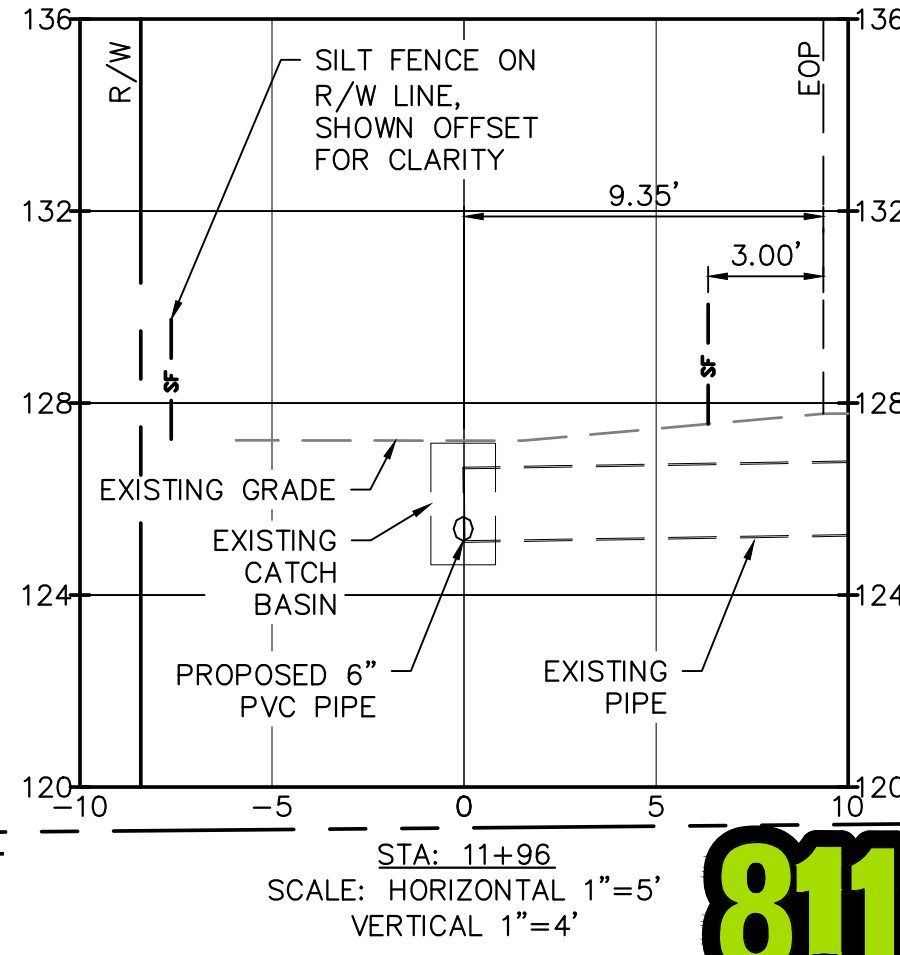
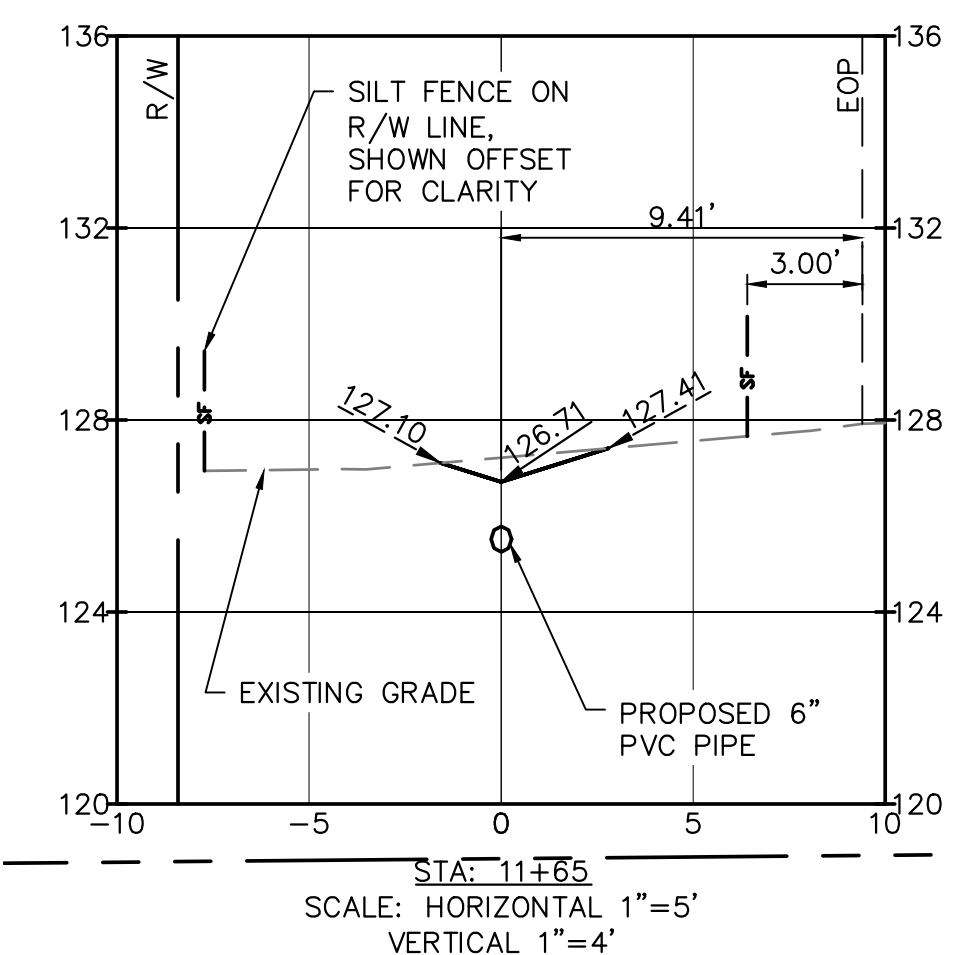
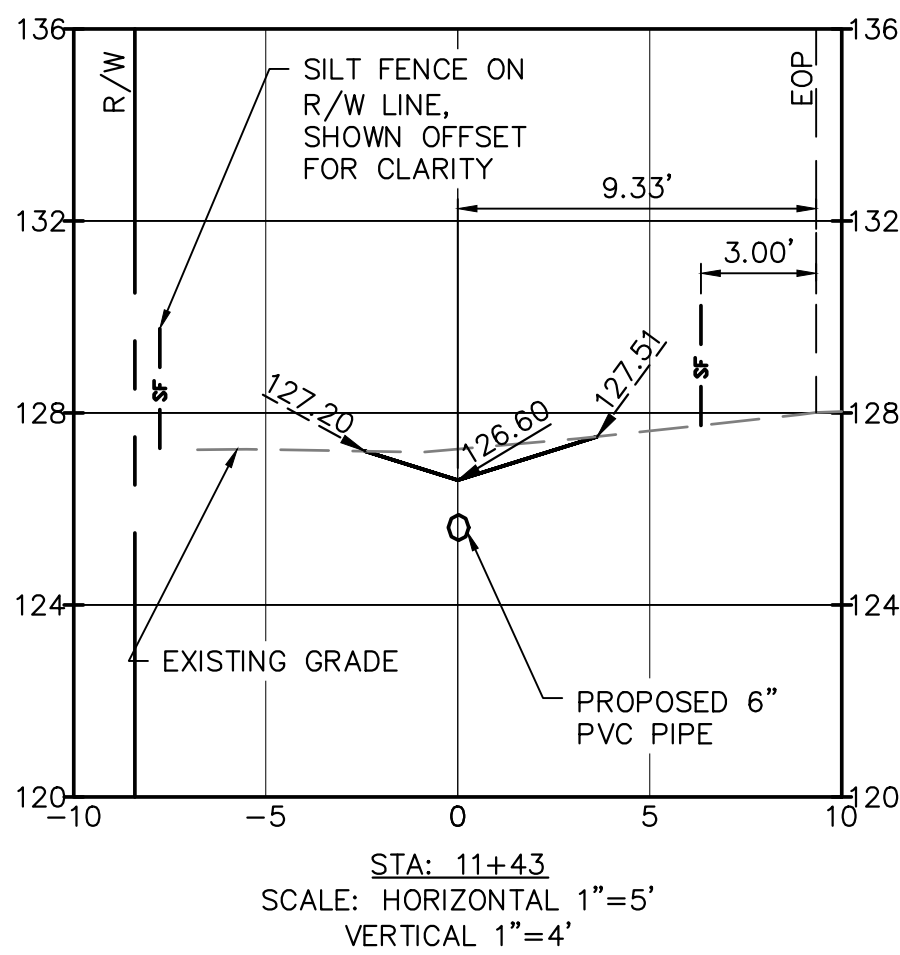
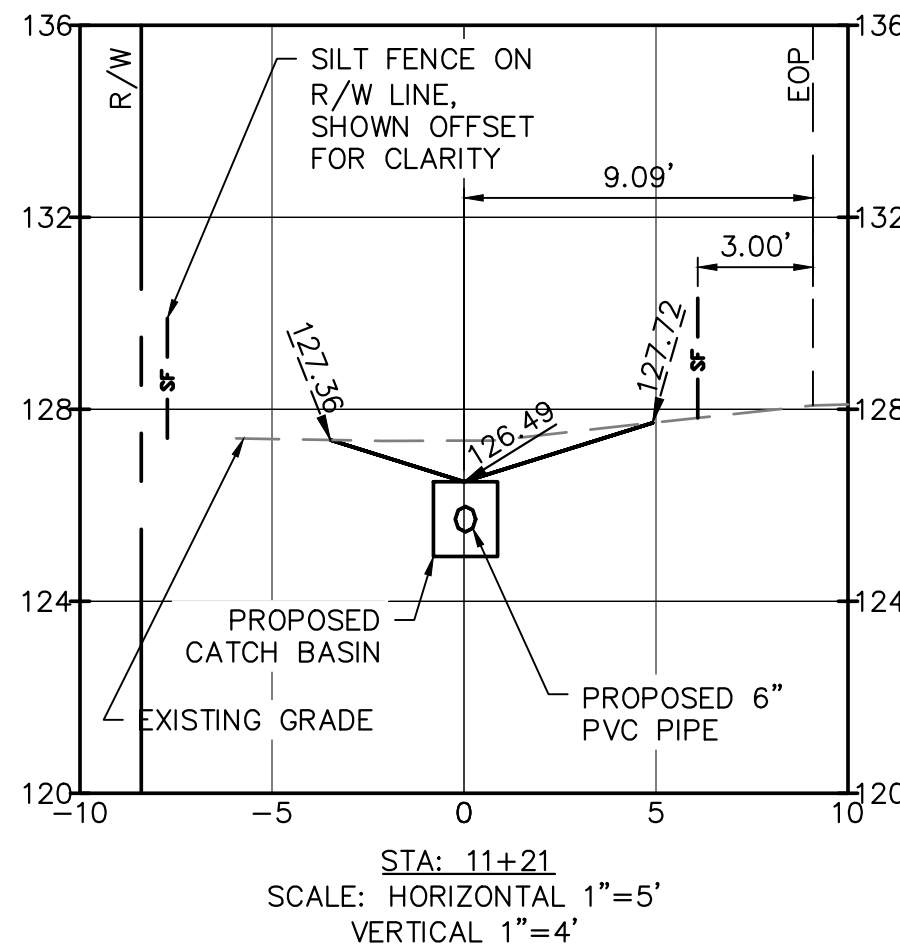
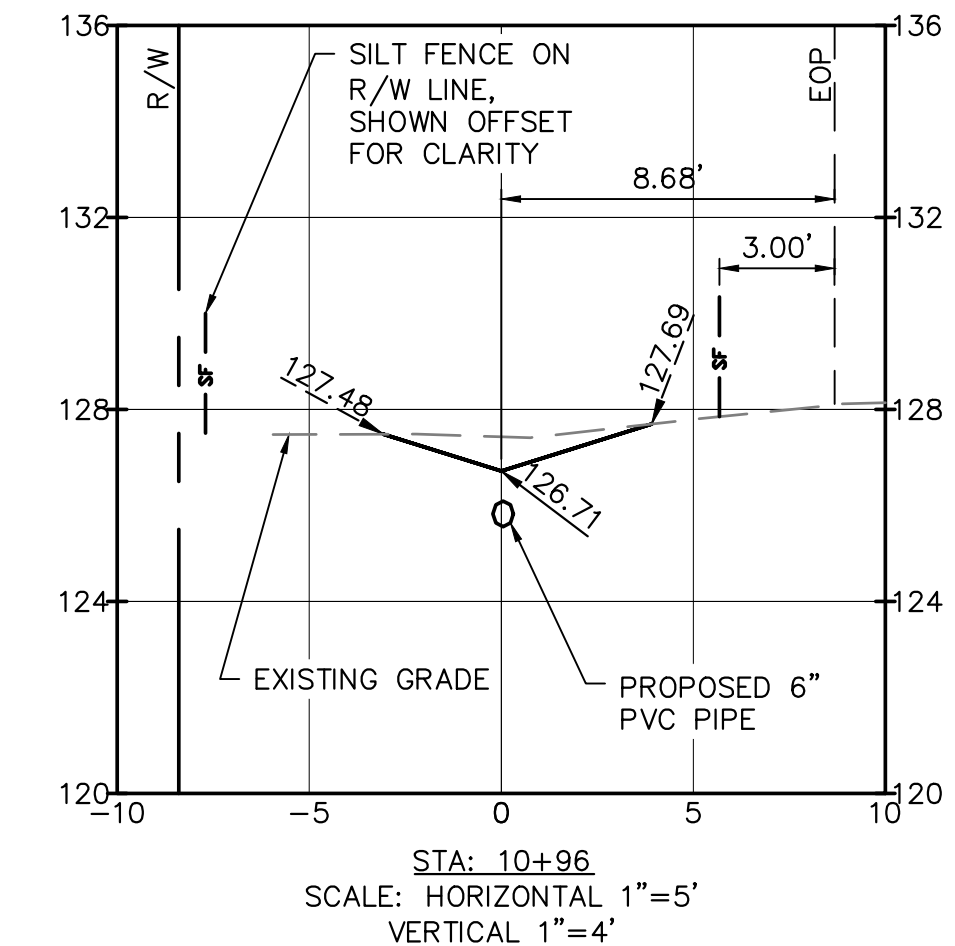
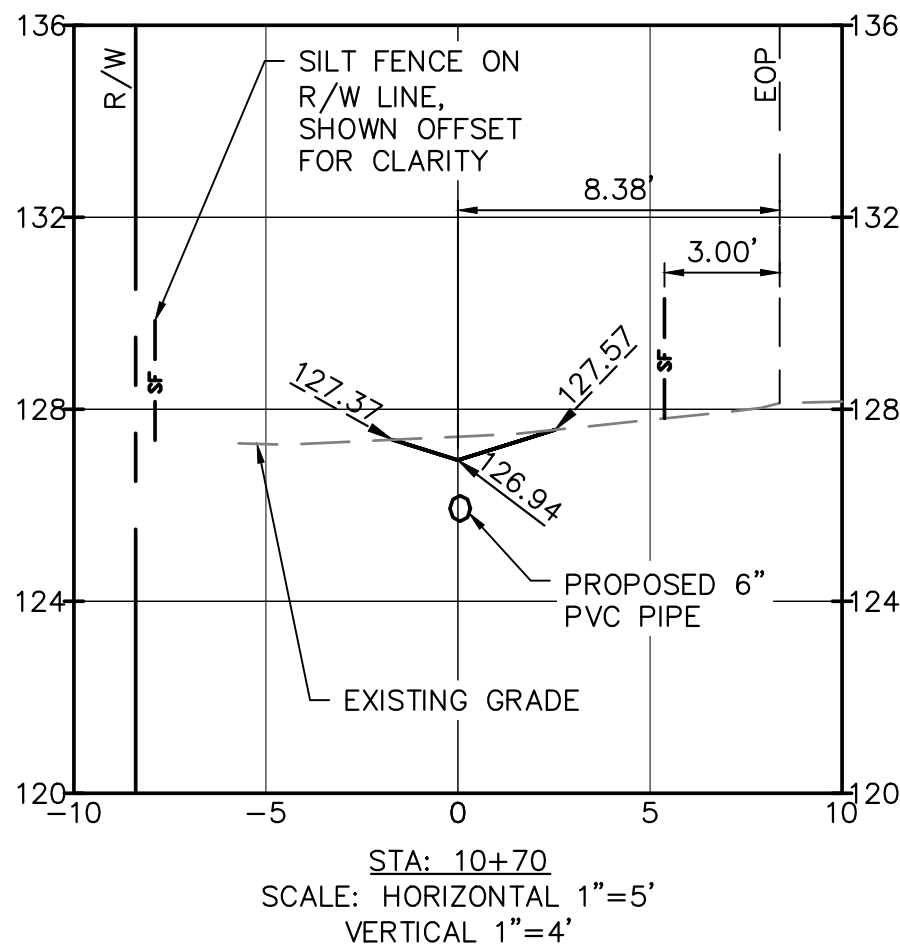
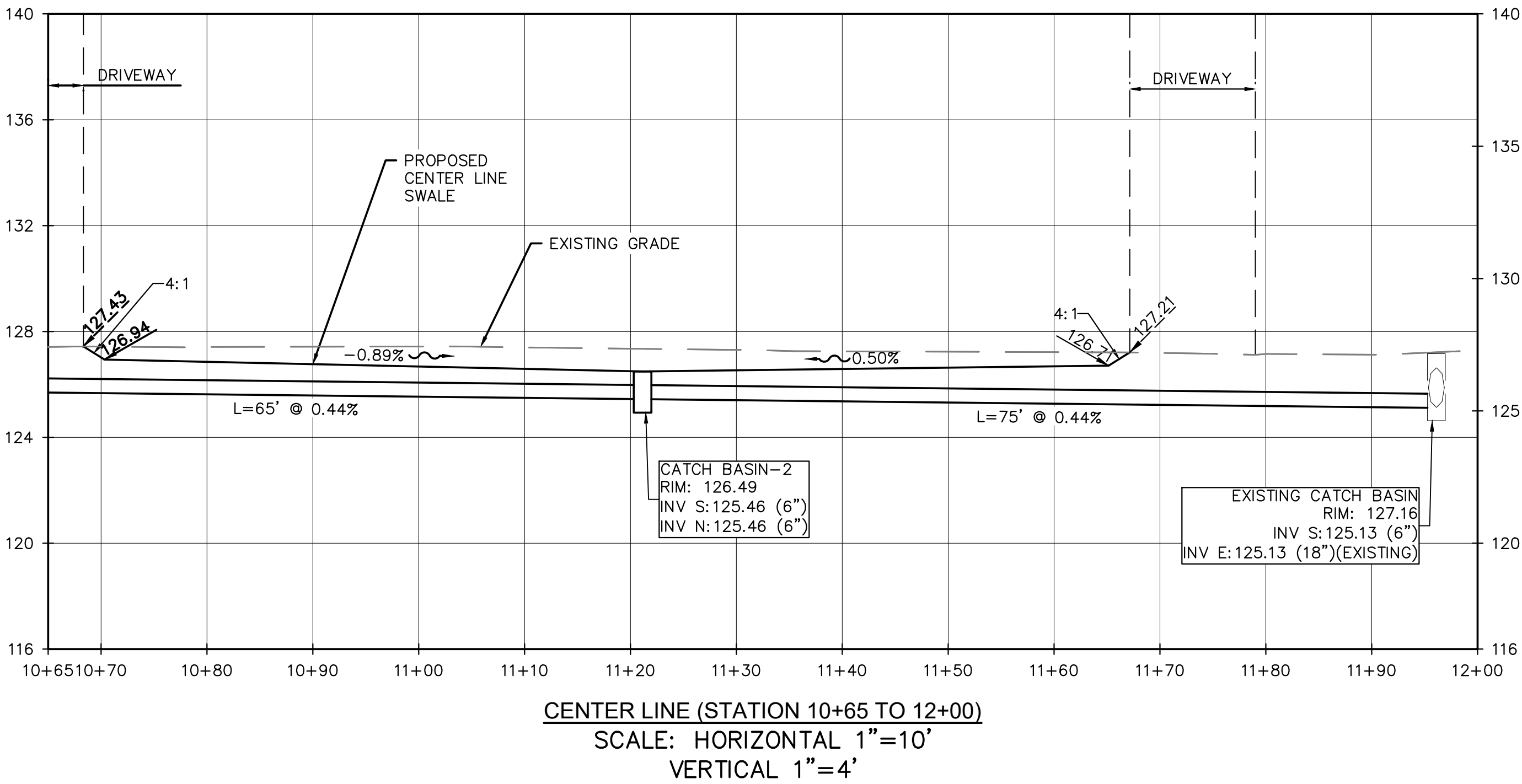
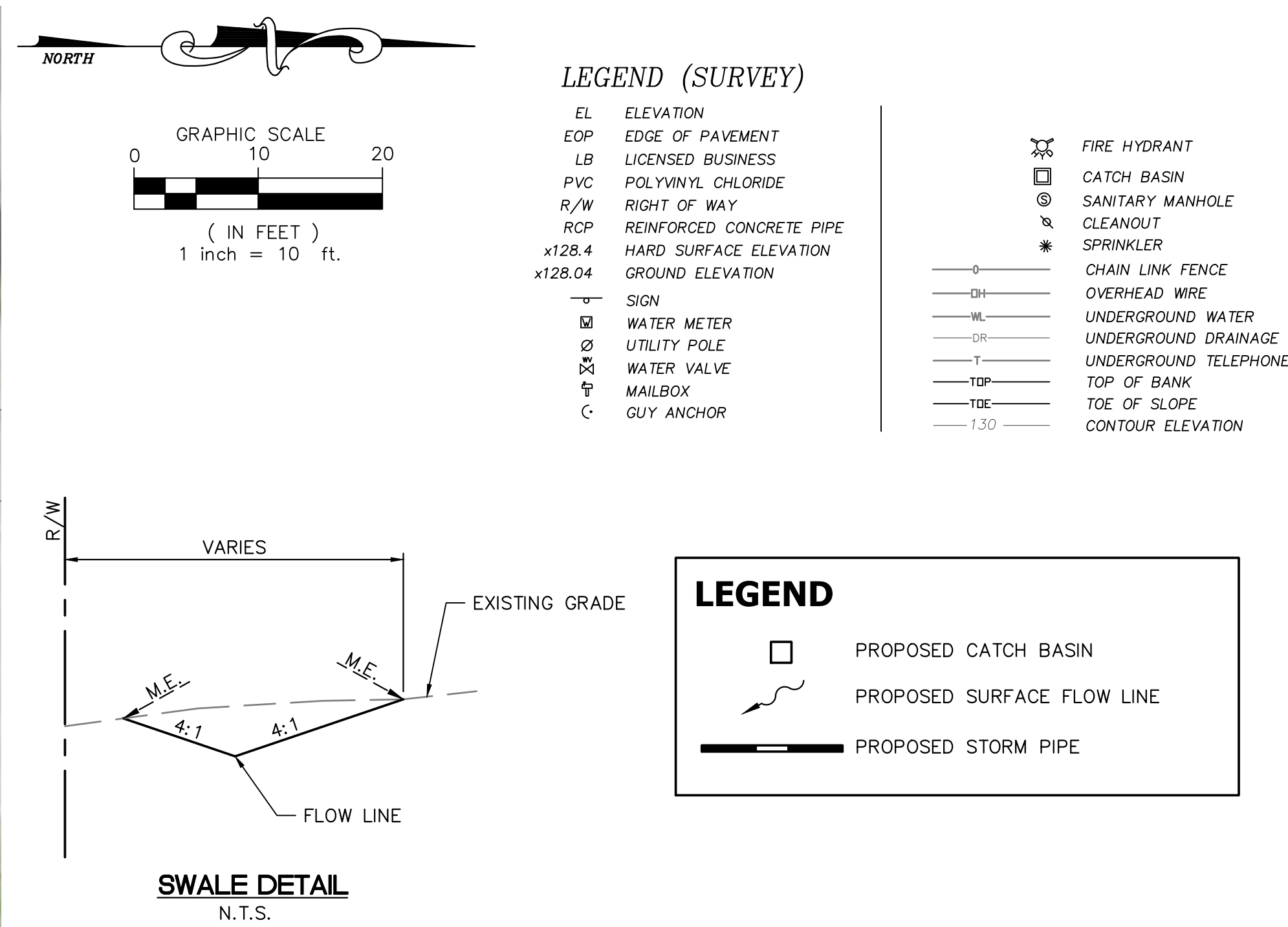
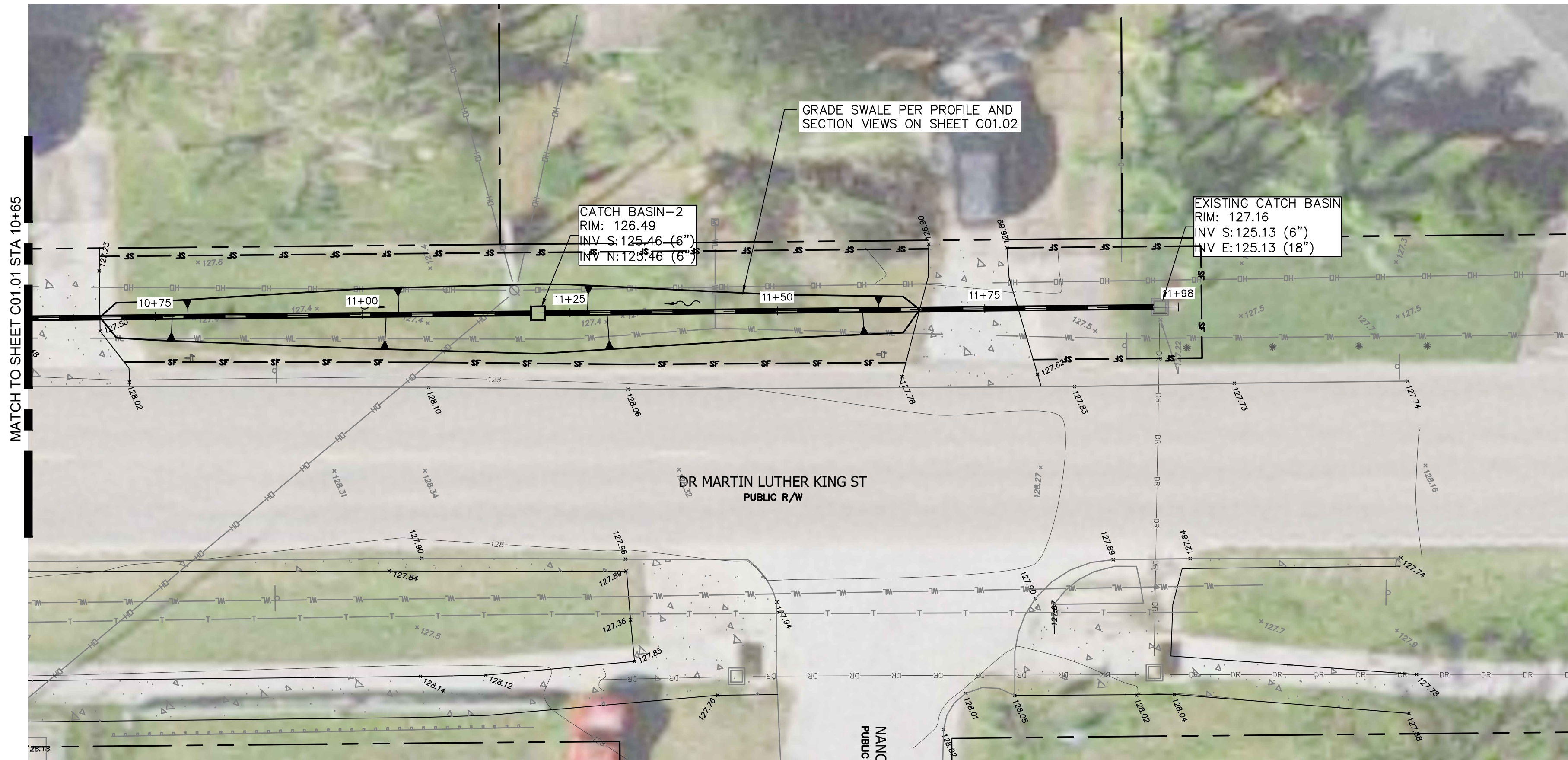
TOWN OF DUNDEE
202 EAST MAIN STREET
DUNDEE, FLORIDA 33838

BETTY AVENUE DRAINAGE REMEDICATION

RAYL
**ENGINEERING &
SURVEYING, LLC**
810 EAST MAIN STREET
BARTOW, FL 33930
OFFICE: (863) 537-7900
www.raylengineering.com
FL REG# 28420 © 2025 FL REG# 777

FEET NUMBER

C04.01



Know what's below.
Call before you dig.

JOB NO. 24-160		DATE: APRIL 2025	DRAWN BY: VR	CHECKED BY: AR/CW	NO.	DATE:	REVISION
SHEET TITLE		PLAN, PROFILE AND CROSS SECTIONS		PROJECT NAME:		TOWN OF DUNDEE 202 EAST MAIN STREET DUNDEE, FLORIDA 33838	
RAYL ENGINEERING & SURVEYING, LLC		BETTY AVENUE DRAINAGE REMEDIATION		FL REG# 286520		FL REG# 77770	
OFFICE: (843) 537-7901 610 EAST MAIN STREET DARTON, FL 33530		www.raylengineering.com		FL REG# 286520		FL REG# 77770	
SHEET NUMBER		C04.02		RAYL ENGINEERING & SURVEYING, LLC		RAYL ENGINEERING & SURVEYING, LLC	