

# CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A

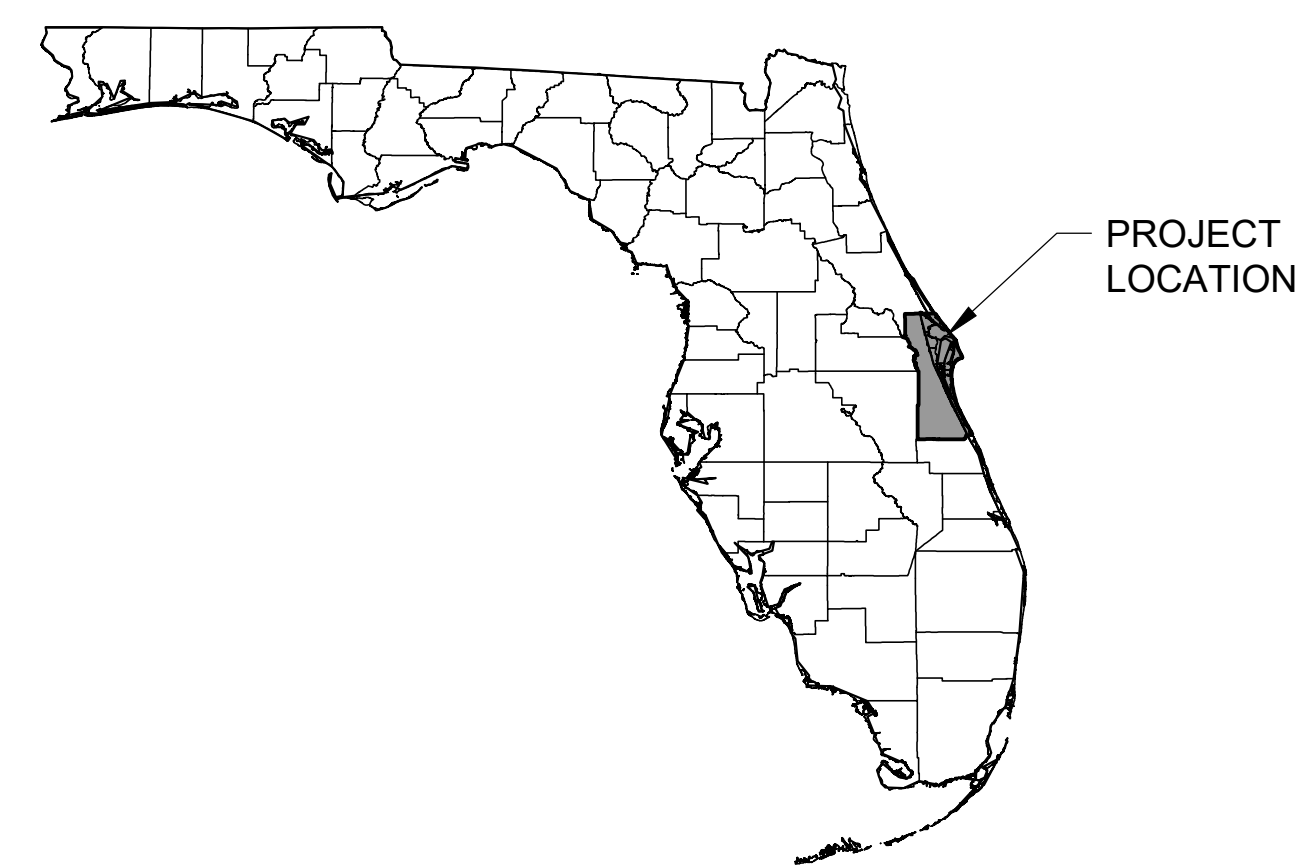
## FINANCIAL MANAGEMENT NUMBER: 446675-1-58-01

## FEDERAL AID NUMBER: D524 066 B

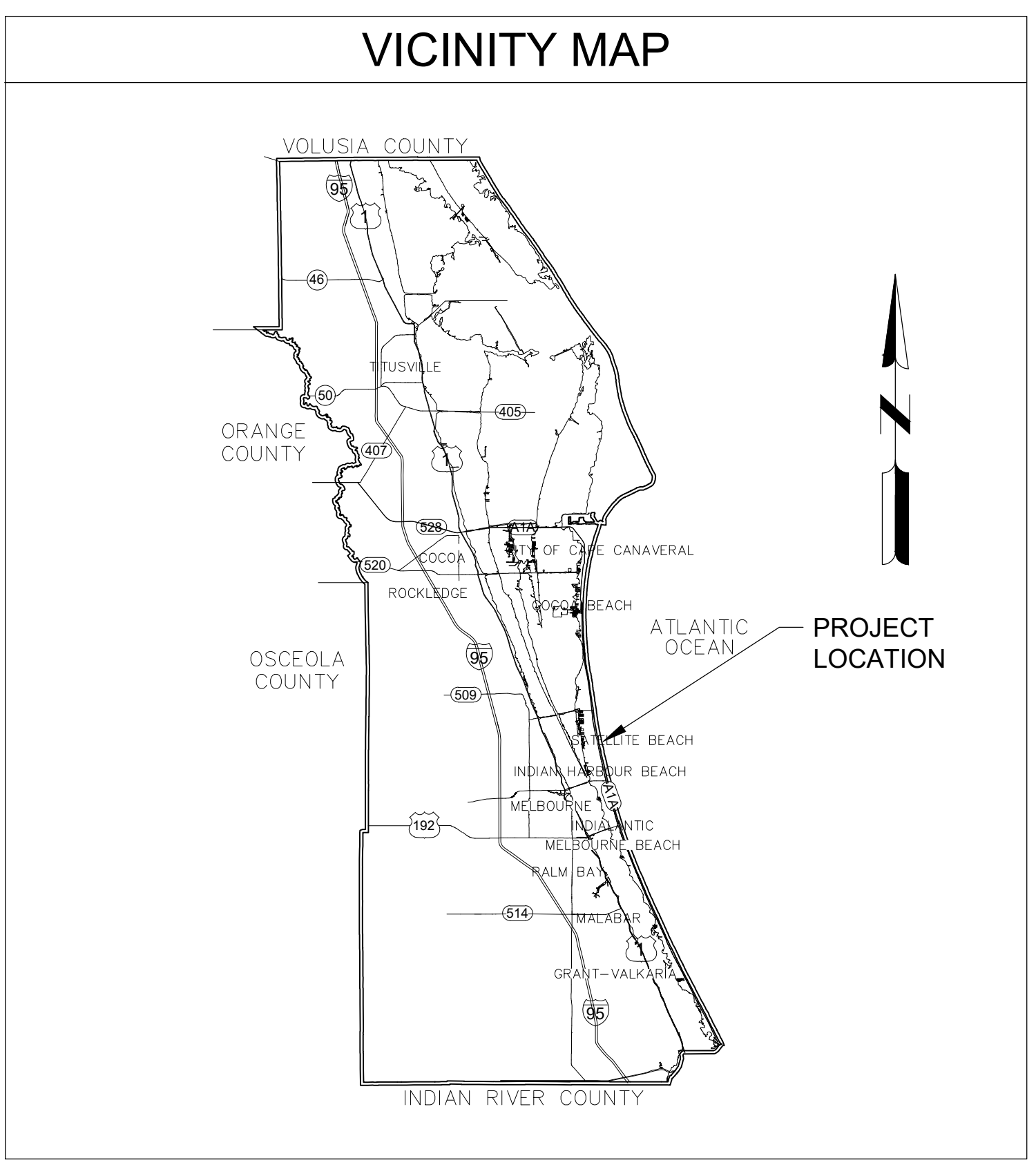
## ISSUED FOR CONSTRUCTION MARCH 2026



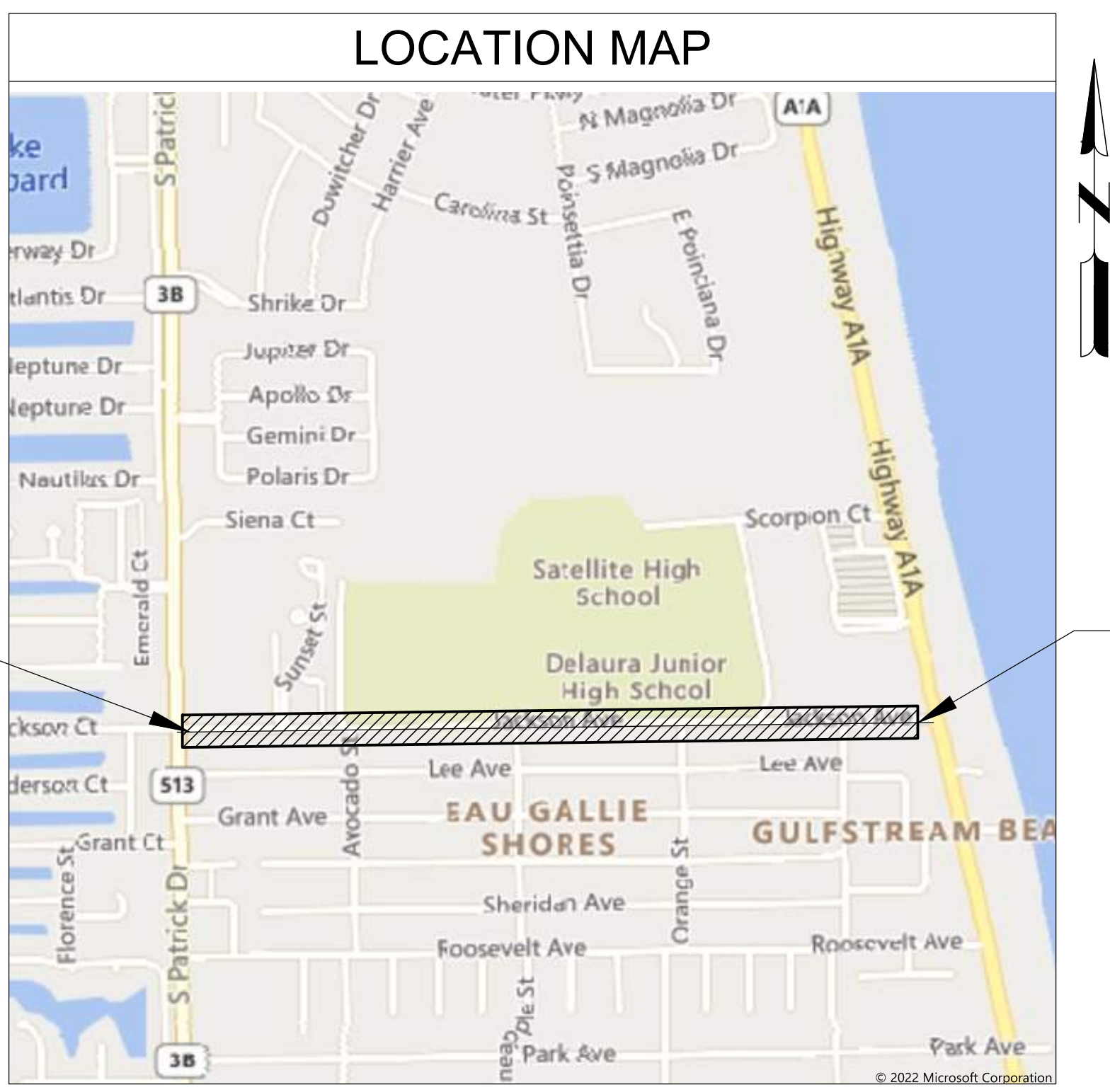
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BREVARD COUNTY



VICINITY MAP



LOCATION MAP

BEGIN PROJECT  
STA: 0+72.16

END OF PROJECT  
STA: 44+15.94

LENGTH OF PROJECT: 0.819 MILES  
DESIGN SPEED: 25 MPH

GOVERNING STANDARD PLANS:  
FLORIDA DEPARTMENT OF TRANSPORTATION, FY2025-26 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRS).

STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IRS ARE AVAILABLE AT THE FOLLOWING WEBSITE:  
<https://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2025-26 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE: <https://www.fdot.gov/programmanagement/implemented>.

**PROJECT TEAM:**

**OWNER:**

CITY OF SATELLITE BEACH  
ALLEN POTTER  
SATELLITE BEACH PUBLIC WORKS  
530 CINNAMON DRIVE  
SATELLITE BEACH, FL 32937  
PHONE: (321) 777-2309  
FAX: (321) 777-2241

**SURVEYOR:**

ALLEN ENGINEERING, INC.  
106 DIXIE LANE  
COCOA BEACH, FL 32931  
PHONE: (321) 783-7443

**CIVIL ENGINEER:**

MEAD & HUNT, INC.  
CONTACT: DAVID KING, PE  
4401 EASTPORT PARKWAY  
PORT ORANGE, FLORIDA 32127  
PHONE: (386) 761-6810

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SATELLITE BEACH, FL

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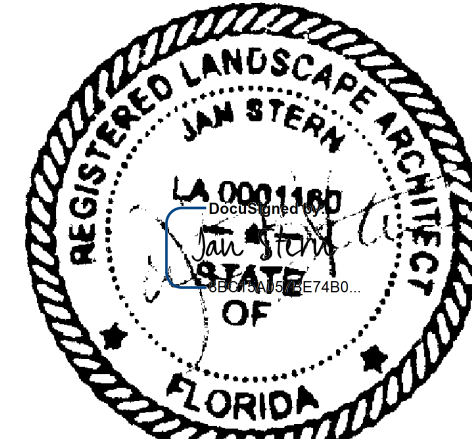
M&H NO: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: ES/DAK  
DRAWN BY: CAJ  
CHECKED BY: DAK  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
COVER SHEET

SHEET NO.

G-001





3/23/2026

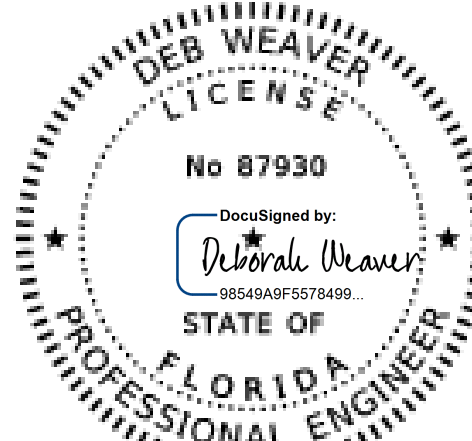
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JAN STERN  
THE STERN DESIGN GROUP, P.A.  
1685 PROMENADE CIRCLE,  
PORT ORANGE, FL 32129  
JAN STERN, LANDSCAPE ARCHITECT, NO.  
LA0001160

THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

SHEET NUMBER	SHEET TITLE
L-101	LANDSCAPED BIOSWALES
L-102	LANDSCAPED BIOSWALES
L-103	LANDSCAPED BIOSWALES
L-104	LANDSCAPED BIOSWALES
L-105	LANDSCAPED BIOSWALES PLANTING SCHEDULE
L-201	LANDSCAPE NOTES AND DETAILS
L-301	ROOT BARRIER INSTALLATION DETAILS



3/23/2026

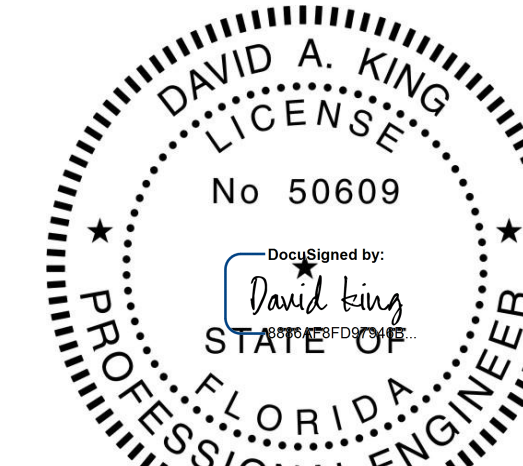
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DEBORAH WEAVER ON THE DATE INDICATED HERE.

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MEAD & HUNT, INC.  
4401 EASTPORT PARKWAY  
PORT ORANGE, FL 32127  
DEBORAH WEAVER, P.E. NO. 87930

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

SHEET NUMBER	SHEET TITLE
C-171	SIGNAL PLAN AND DETAILS



3/23/2026

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAVID KING ON THE DATE INDICATED HERE.

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MEAD & HUNT, INC.  
4401 EASTPORT PARKWAY  
PORT ORANGE, FL 32127  
DAVID KING, P.E. NO. 50609

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

SHEET NUMBER	SHEET TITLE
G-001	COVER SHEET
G-002	SIGNATURE SHEET
G-003	SHEET INDEX AND ABBREVIATIONS
G-004	GENERAL NOTES AND UTILITY COORDINATION
G-005	SWPPP
G-006	SWPPP
G-021	PROJECT KEY PLAN
G-041	SURVEY CONTROL PLAN
G-061	SUMMARY OF PAY ITEMS
C-011	TYPICAL SECTIONS
C-012	TYPICAL SECTIONS
C-013	TYPICAL SECTIONS
C-014	TYPICAL SECTION - OVERBUILD
C-050	EXISTING STORMWATER STRUCTURES AND PIPING TABLE
C-051	SITE DEMOLITION PLAN
C-052	SITE DEMOLITION PLAN
C-053	SITE DEMOLITION PLAN
C-054	SITE DEMOLITION PLAN
C-055	SITE DEMOLITION PLAN
C-101	JACKSON AVE PLAN AND PROFILE
C-102	JACKSON AVE PLAN AND PROFILE
C-103	JACKSON AVE PLAN AND PROFILE
C-104	JACKSON AVE PLAN AND PROFILE
C-105	JACKSON AVE PLAN AND PROFILE
C-106	JACKSON AVE PLAN AND PROFILE
C-107	JACKSON AVE PLAN AND PROFILE
C-108	JACKSON AVE PLAN AND PROFILE
C-109	JACKSON AVE PLAN AND PROFILE
C-110	JACKSON AVE PLAN AND PROFILE
C-111	JACKSON AVE PLAN AND PROFILE
C-112	JACKSON AVE PLAN AND PROFILE
C-113	JACKSON AVE PLAN AND PROFILE
C-114	JACKSON AVE PLAN AND PROFILE
C-115	JACKSON AVE PLAN AND PROFILE
C-116	JACKSON AVE PLAN AND PROFILE
C-117	JACKSON AVE PLAN AND PROFILE
C-118	JACKSON AVE PLAN AND PROFILE
C-119	JACKSON AVE PLAN AND PROFILE
C-120	JACKSON AVE PLAN AND PROFILE
C-125	AVOCADO ST MILL AND RESURFACE PLAN
C-131	EROSION CONTROL PLAN
C-132	EROSION CONTROL PLAN
C-133	EROSION CONTROL PLAN
C-134	EROSION CONTROL PLAN
C-135	EROSION CONTROL PLAN
C-161	PAVEMENT MARKING AND SIGNAGE PLANS
C-162	PAVEMENT MARKING AND SIGNAGE PLANS
C-163	PAVEMENT MARKING AND SIGNAGE PLANS
C-164	PAVEMENT MARKING AND SIGNAGE PLANS
C-165	PAVEMENT MARKING AND SIGNAGE PLAN
C-220	POND SIDEWALK PLAN

SHEET NUMBER	SHEET TITLE
C-400	MOT PHASE AND GENERAL NOTES
C-401	MOT TYPICAL SECTIONS
C-402	MOT TYPICAL SECTIONS
C-403	MOT TYPICAL SECTIONS
C-404	KEY MOT PLAN
C-405	PHASE 1A MOT PLAN
C-406	PHASE 1B MOT PLAN
C-407	PHASE 2A MOT PLAN
C-408	PHASE 2B MOT PLAN
C-409	PHASE 3A MOT PLAN
C-410	PHASE 3B MOT PLAN
C-411	PHASE 4A MOT PLAN
C-412	PHASE 4B MOT PLAN
C-413	PHASE 5A AND 5B MOT PLAN
C-414	AUXILIARY LANE CLOSURE
C-501	CONSTRUCTION DETAILS
C-901	CROSS SECTIONS
C-902	CROSS SECTIONS
C-903	CROSS SECTIONS
C-904	CROSS SECTIONS
C-905	CROSS SECTIONS
C-906	CROSS SECTIONS
C-907	CROSS SECTIONS
C-908	CROSS SECTIONS



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SHEET CONTENTS  
SIGNATURE SHEET

SHEET NO.

G-002

ABBREVIATIONS

Table with columns for abbreviations and descriptions, organized into sections A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y.

SHEET INDEX

Table listing sheet numbers and titles, such as G-001 COVER SHEET, G-002 SIGNATURE SHEET, etc.

SHEET INDEX

Table listing sheet numbers and titles, such as C-405 PHASE 1A MOT PLAN, C-406 PHASE 1B MOT PLAN, etc.



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SHEET CONTENTS SHEET INDEX AND ABBREVIATIONS

SHEET NO.

G-003

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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**GENERAL PROJECT REQUIREMENTS:**

1. UTILITIES & STRUCTURES AS SHOWN ON PLANS HAVE BEEN LOCATED FROM AVAILABLE RECORDS, BUT IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THE LOCATION OF ALL UTILITIES AND STRUCTURES TO BE ENCOUNTERED IN THE WORK AND TO AVOID CONFLICT WITH EXISTING FACILITIES.
2. THE OWNER SHALL NOT BE HELD RESPONSIBLE FOR INACCURACIES OR OMISSIONS IN THE LOCATION, ELEVATION AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER EXISTING FEATURES.
3. THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY UPON ANY CONFLICTS DURING CONSTRUCTION OF THE IMPROVEMENTS SHOWN ON THESE DRAWINGS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO, AND REPLACEMENT OF, EXISTING UTILITIES. REPLACEMENT SHALL BE TO THE COMPLETE SATISFACTION OF THE ENGINEER AND TOWN.
5. THE CONTRACTOR SHALL PRESERVE FROM DAMAGE ALL PROPERTY THAT IS IN THE VICINITY, OR IS IN ANY WAY AFFECTED BY THE WORK. THE REMOVAL OF OR DESTRUCTION OF PROPERTY WHICH IS NOT CALLED FOR BY THE PLANS, SHALL BE IMMEDIATELY RESTORED TO ITS ORIGINAL CONDITION BY THE CONTRACTOR AT NO COST TO THE OWNER.
6. THE CONTRACTOR SHALL PROVIDE FORTY-EIGHT (48) HOURS NOTICE TO THE VARIOUS UTILITY OWNERS PRIOR TO BEGINNING CONSTRUCTION.
7. ALL UTILITY OUTAGES SHALL BE COORDINATED WITH AND APPROVED BY THE SUPERINTENDENT OF THE DEPARTMENT AFFECTED, PRIOR TO OUTAGE.
8. THE CONTRACTOR SHALL CONDUCT THEIR WORK AS TO INSURE LEAST POSSIBLE OBSTRUCTION TO TRAFFIC, AND INCONVENIENCE TO THE GENERAL PUBLIC AND/OR THE RESIDENTS IN THE VICINITY OF THE WORK AND TO INSURE THE PROTECTION OF PERSONS AND PROPERTY. NO ROAD SHALL BE CLOSED TO THE PUBLIC EXCEPT WITH THE APPROVAL OF THE ENGINEER AND THE PROPER GOVERNMENTAL AUTHORITIES.
9. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR, REGISTERED IN THE STATE OF FLORIDA, TO REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS WHICH MAY BE DISTURBED BY CONSTRUCTION AND TO ASSURE ACCURATE HORIZONTAL AND VERTICAL CONTROLS DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EFFECTIVE DRAINAGE AND EROSION CONTROL DURING CONSTRUCTION AND RESTORATION. TEMPORARY PROVISIONS SHALL BE MADE TO INSURE THE PROPER FUNCTIONING OF ALL SWALES, SEWER INLETS AND DRAINAGE DITCHES.
11. RIGHT-OF-WAY RESTORATION IS TO BE CONDUCTED CONCURRENTLY WITH CONSTRUCTION AS DIRECTED BY OWNER'S REPRESENTATIVE WHOM SHALL HAVE AUTHORITY TO SUSPEND CONSTRUCTION WORK WHEN RESTORATION IS NOT BEING ADEQUATELY PERFORMED ACCORDING TO THE CONTRACT DOCUMENTS OR BEST MANAGEMENT PRACTICES (BMP). ALL DISTURBED AREAS ARE TO BE RESTORED TO PRE-CONSTRUCTION OR BETTER CONDITION. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED TO MATCH EXISTING SPECIES AND VARIETY OF GRASS. PIPE INSTALLATION UNIT PRICE SHALL INCLUDE RESTORATION AND SODDING. NO SEEDING SHALL BE PERMITTED.
12. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES IN ACCORDANCE WITH THE "U.S. DEPARTMENT OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE LATEST "FLORIDA DEPARTMENT OF TRANSPORTATION'S "STANDARD PLANS" (LATEST EDITION).
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND THE CONTRACTOR'S EXPENSE TO PROVIDE THE ENGINEER WITH "AS-BUILT" DRAWINGS OF FINISHED CONSTRUCTION AS A REQUIREMENT FOR FINAL PAYMENT. DRAWINGS SHALL CONTAIN SPECIFIC LOCATION OF ALL WATER MAINS, FORCE MAINS AND RECLAIMED WATER MAINS, VALVES AND SERVICE WITHIN THE CONSTRUCTION AREA.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER APPLICATION OF THRUST RESTRAINT SYSTEM TO PREVENT MOVEMENT OF PRESSURIZED PIPE AND FITTINGS.

15. NO FLANGED PIPE SHALL BE INSTALLED UNDERGROUND UNLESS SPECIFICALLY NOTED ON PLAN OR IN SPECIFICATIONS.
16. ADEQUATE EXCAVATION, SHEATHING, SHORING AND BRACING SHALL BE PROVIDED AND SHALL CONFORM TO CONSTRUCTION REQUIREMENTS AS SET FORTH BY THE FEDERAL DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
17. PROVISIONS FOR DEWATERING SHALL BE MADE TO KEEP GROUNDWATER ELEVATION A MINIMUM OF 6" BELOW THE PIPE BEING INSTALLED.
18. LENGTHS OF PIPE ARE APPROXIMATE ONLY AND EXACT LENGTHS ARE TO BE DETERMINED IN THE FIELD.
19. PAVEMENT OVERLAY PRICING SHALL INCLUDE VALVE BOX AND MANHOLE ADJUSTMENT AND PAVEMENT RESTRIPIING.
20. CONTRACTOR SHALL CALL FOR UTILITY LOCATES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. ALL CITY LOCATES SHALL BE THROUGH THE ENGINEER'S REPRESENTATIVE.
21. IN AREAS WHERE PIPELINE INSTALLATION WILL DISTURB EXISTING SWALES, ELEVATIONS WILL BE REQUIRED AT 50 FT. INTERVALS AT LEAST 2 WEEKS PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE SURVEYS WILL BE BY A FLORIDA REGISTERED SURVEYOR AND ARE SUBJECT TO APPROVAL BY THE ENGINEER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
22. ACCESS FOR RESIDENTS, POSTAL SERVICE AND SOLID WASTE COLLECTORS SHALL BE CONTINUOUSLY PROVIDED, SECURED AND MAINTAINED DURING PROJECT.
23. IF ANY MUCK OR MUCK-LIKE MATERIAL IS DISCOVERED, IT WILL BE REQUIRED TO BE REMOVED, BACKFILLED WITH CLEAN FILL, COMPACTED, AND TESTED USING AASHTO T-180 MODIFIED PROCTOR METHOD.
24. PRIOR TO THE FILLING ON FUTURE ROADWAY AND LOT AREAS, THE REMOVAL OF ANY VEGETATION AND TOP SOIL MUST BE PERFORMED.
25. A SIGNED, SEALED, AND DATED LETTER FROM A SOILS ENGINEER OR ENGINEER OF RECORD CERTIFYING THAT THE AREAS TO BE FILLED HAVE BEEN STRIPPED OF ORGANIC MATERIAL MUST BE SUBMITTED TO THE TOWN PRIOR TO FILLING.
26. NO BURYING OF ANY ORGANIC MATERIALS IS PERMITTED.
27. ANY BURNING OF ANY MATERIALS ON-SITE MUST BE APPROVED AND PERMITTED BY THE FIRE MARSHALL. A PERMIT MUST BE OBTAINED ON A DAILY BASIS PRIOR TO THE DAY OF THE ANTICIPATED BURNING
28. TEMPORARY FILL STOCKPILING IS NOT PERMITTED IN LIFTS GREATER THAN SIX FEET.
29. AT A MINIMUM, STOCKPILES THAT WILL REMAIN IN PLACE IN EXCESS OF 20 DAYS, SHOULD BE SEEDED AND MULCHED IMMEDIATELY UPON PLACEMENT OF THE FINAL LIFT.
30. SOILS ARE TO BE STABILIZED BY WATER OR OTHER MEANS DURING CONSTRUCTION. THIS IS INTENDED TO REDUCE SOIL EROSION AND THE IMPACT TO NEIGHBORING COMMUNITIES, IN ACCORDANCE WITH THE S.W.P.P.P.
31. UPON COMPLETION OF EACH PORTION OF A PROJECT WITHIN A PHASE OF THE PROJECT, SODDING IS TO BE PERFORMED PRIOR TO COMMENCING THE NEXT PHASE.
32. ONCE AN AREA IS SODDED, IT MUST BE MAINTAINED AND PROTECTED TO ALLOW THE GRASS TO GROW.
33. CONTRACTOR SHALL BE REQUIRED TO COMPLETE UTILITY CONNECTIONS TO EXISTING FACILITIES THAT REQUIRE "SHUTDOWNS" DURING NIGHTTIME HOURS AFTER 11:00 P.M. AND TO COORDINATE SUCH WORK WITH THE CITY.

UTILITY INFORMATION PROVIDED TO OR COLLECTED BY MEAD & HUNT DURING DESIGN										
UTILITY TYPE	UTILITY COMPANY	CONTACT	PHONE	EMAIL	PRELIMINARY PLANS PROVIDED TO UTILITY	INFORMATION QUALITY LEVEL AND DATE RECEIVED				FINAL PLANS PROVIDED TO UTILITY
						LEVEL A/4	LEVEL B/3	LEVEL C/2	LEVEL D/1	
SEWER	BREVARD COUNTY WATER RESOURCES	ROY HAWTHORNE	(321) 633-2093	<a href="mailto:Roy.hawthorne@brevardfl.gov">Roy.hawthorne@brevardfl.gov</a>	1/19/2024			1/29/2024		
WATER	CITY OF MELBOURNE UTILITIES ADMINISTRATION WATER	JOSE ROSADO	(321) 608-5106	<a href="mailto:Jose.Rosado@mlbfl.org">Jose.Rosado@mlbfl.org</a>	1/19/2024			1/25/2024		
ELECTRIC	FLORIDA POWER & LIGHT - BREVARD	JOEL BRAY	(386) 586-6403	<a href="mailto:joel.bray@fpl.com">joel.bray@fpl.com</a>	1/19/2024					
TELEPHONE	AT&T DISTRIBUTION	DINO FARRUGIO	(561) 683-2729	<a href="mailto:df1979@att.com">df1979@att.com</a>	1/19/2024					2/16/2024
GAS	FLORIDA CITY GAS	ELIO A. BUSTOS	786-481-9307	<a href="mailto:EBustosCaba@chpk.com">EBustosCaba@chpk.com</a>	2/16/2024					2/19/2024
CATV	CHARTER COMMUNICATIONS	KELLY BALCAVAGE	321-757-6365	<a href="mailto:Kelley.Balcavage@charter.com">Kelley.Balcavage@charter.com</a>	1/19/2024			2/16/2024		
FIBER	LUMEN	LESLIE DINGMAN	(877) 366-8344x2	<a href="mailto:Leslie.Dingman@Lumen.com">Leslie.Dingman@Lumen.com</a>	1/19/2024		2/1/2024			
FIBER	ZAYO GROUP / FORMERLY LIGHTWAVE, LLC	HENRY KLOBUCAR	(406) 496-6510	<a href="mailto:henry.klobucar@zayo.com">henry.klobucar@zayo.com</a>	1/19/2024			2/2/2024		



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SHEET CONTENTS  
GENERAL NOTES  
AND UTILITY  
COORDINATION

SHEET NO.

**G-004**

I. SITE DESCRIPTION

A. CONSTRUCTION ACTIVITY  
 CONSTRUCTION ACTIVITIES FOR THIS PROJECT CONSIST OF REMOVAL AND REPLACEMENT OF THE EXISTING CONCRETE SIDEWALKS ON THE NORTH AND SOUTH SIDE OF JACKSON AVENUE. REMOVAL AND REPLACEMENT OF THE TOPS OF ALL STORMWATER INLETS ALONG THE ENTIRE LENGTH OF JACKSON AVENUE. THE ENTIRE LENGTH OF JACKSON AVENUE IS TO BE MILLED AND RESURFACED. STORMWATER CROSSINGS ARE TO BE REMOVED AND REPLACED DURING THE MILLING AND RESURFACING OF JACKSON AVE. BIOSWALES TO BE ADDED TO INCREASE THE TREATMENT CAPACITY OF THE CURRENT STORMWATER SYSTEM. JACKSON AVENUE WILL BE RESTORED AND STABILIZED WITH SOD AND LANDSCAPING.

B. PROJECT LIMITS  
 EAST OF STATE ROAD 513 (SR513), WEST OF HIGHWAY A1A.

C. PROJECT DESCRIPTION  
 REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK. REMOVAL AND REPLACEMENT OF STORM PIPE CROSSINGS, REMOVAL AND REPLACEMENT OF STORMWATER INLET TOPS, MILLING AND RESURFACING ROAD, EXCAVATION AND INSTALLATION OF BIOSWALES.

D. MAJOR SOIL DISTURBING ACTIVITIES  
 REMOVAL OF EXISTING BROKEN EXFILTRATION SYSTEM, EXCAVATION OF PROPOSED POND, GRADING OF SITE, CONSTRUCTION OF BUILDINGS, PARKING AND STORMWATER SYSTEM.

E. TOTAL PROJECT AREA: 6.96 ACRES  
 TOTAL AREA TO BE GRADED: 3.87 ACRES  
 AREA TO BE MILLED: 2.18 ACRES

F. SOIL DATA  
 N/A - NEGLIGIBLE CHANGES

DRAINAGE AREA (ATTACH DRAINAGE MAP OR PROVIDE DRAINAGE AREA IN ACRES)

PROJECT AREA = 6.96 ACRES

G. RECEIVING WATERS  
BANANA RIVER (OUTSTANDING FLORIDA WATER)

H. WETLANDS AREAS  
NO EXISTING WETLANDS ON SITE

II. CONTROLS  
ALL CONTROLS SHALL BE CONSISTENT WITH PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT SET FORTH IN S.62-40.432, F.A.C., THE APPLICABLE STORMWATER OR ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) OR THE SAINT JOHN'S WATER MANAGEMENT DISTRICT (SJRWMD) AND GUIDELINES CONTAINED IN THE FLORIDA DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (FDEP 1988) AND ANY SUBSEQUENT AMENDMENTS.

A. SEQUENCE OF MAJOR ACTIVITIES  
- INSTALLATION OF EROSION CONTROL  
- EXCAVATION AND GRADING  
- CONSTRUCTION OF SITE PLAN  
WHEN CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE EROSION PROTECTION DEVICES AND CONSTRUCTION ENTRANCE AS REQUIRED.

B. EROSION AND SEDIMENT CONTROL CONSTRUCTION ACTIVITIES  
THE CONTRACTOR IS REQUIRED TO REVIEW THE SITE-SPECIFIC EROSION CONTROL PLAN. THE CONTRACTOR MAY ALSO BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS OR SITE CONDITIONS. CONTRACTOR WILL COMPLY WITH E&S PLAN. ANY MODIFICATIONS TO THE PLAN MUST BE SIGNED BY A PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR. THE EROSION CONTROL DEVICES, DETAILS AND NOTES APPLICABLE TO THESE ACTIVITIES ARE SPECIFIED IN THE PLANS.  
PERFORM DAILY INSPECTION OF EROSION AND SEDIMENT CONTROLS AFTER EVERY 1/2" RAINFALL.  
REMOVE ALL SEDIMENTS THAT HAVE MIGRATED OFF SITE AS DIRECTED BY THE ENGINEER.

C. STABILIZATION PRACTICES  
DURING CONSTRUCTION THE CONTRACTOR WILL PROVIDE STABILIZATION FOR AREAS WHICH HAVE BEEN CLEARED AND NOT REWORKED WITHIN FOURTEEN (14) CALENDAR DAYS. THE CONTRACTOR MAY UTILIZE TEMPORARY SEEDING OR TEMPORARY SODDING IN ACCORDANCE WITH SECTION 570 OF THE "FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".

- TEMPORARY SODDING
- TEMPORARY GRASSING
- PERMANENT SODDING OR SEEDING
- PRESERVATION OF NATURAL RESOURCES
- BUFFER ZONES

- D. STRUCTURAL PRACTICES
- SYNTHETIC BALES (LF)
  - ARTIFICIAL COVERINGS/ ROLLED EROSION CONTROL PRODUCTS (SY)
  - INLET PROTECTION SYSTEM (EA)
  - LITTER REMOVAL AND DISPOSAL (AC)
  - MOWING (AC)
  - SLOPE DRAINS (TEMPORARY)/ RUNOFF CONTROL STRUCTURES (LF)
  - SOIL TRACKING PREVENTION DEVICE (EA)
  - SEDIMENT BASINS/CONTAINMENT SYSTEMS (EA)
  - SEDIMENT BASIN/ CONTAINMENT SYSTEM CLEANOUT (EA)
  - FLOATING TURBIDITY BARRIER (LF)
  - STAKED SILT FENCE (LF)
  - CHEMICAL TREATMENT - POWDERED (SY)
  - CHEMICAL TREATMENT (FLOC LOGS, DRUMS OF PRODUCT) (EA)
  - OTHER

E. DESCRIPTION OF STORM WATER MANAGEMENT  
STORMWATER COLLECTION WILL BE PROVIDED BY OVERLAND FLOW INTO THE BIOSWALES AS WELL AS THE EXISTING PIPES AND INLETS FOR CONVEYANCE.

F. WASTE DISPOSAL  
THE CONTRACTOR SHALL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES. ANY CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO THE USEPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER. NO SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS SHALL BE DISCHARGED INTO WETLANDS OR BURIED ON SITE. ALL WASTE MATERIAL (EXCLUDING DREDGED MATERIAL) WILL BE COLLECTED AND STORED IN DUMPSTERS PER LOCAL SOLID WASTE REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF TWICE A WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED TO THE APPROPRIATE COUNTY LOCATION FOR DUMPING.

G. OFFSITE VEHICLE TRACKING  
STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS WILL BE CLEANED AS DIRECTED BY THE CONSTRUCTION INSPECTOR AND ENGINEER TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL TO OR FROM THE SITE WILL BE COVERED WITH A TARPAULIN AT ALL TIMES.

H. SANITARY WASTE  
"FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", SECTION 7 - 6, "SANITARY PROVISIONS". "THE CONTRACTOR SHALL PROVIDE AND MAINTAIN, IN A NEAT AND SANITARY CONDITION, SUCH ACCOMMODATION FOR THE USE OF HIS EMPLOYEES AS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. COMMIT NO PUBLIC NUISANCE."

I. HAZARDOUS WASTE  
THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE OWNER IN WRITING IF ANY HAZARDOUS WASTE MATERIAL IS ENCOUNTERED DURING SITE INVESTIGATION OR CONSTRUCTION.  
THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR NOTIFYING THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) WITHIN 24 HOURS OF THE DISCOVERY.  
ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.  
IN CASE OF DISPOSING ANY HAZARDOUS WASTE MATERIAL FOLLOWING LOCAL, STATE, AND FEDERAL REGULATIONS, A COPY OF DISPOSAL MANIFEST HAS TO BE PROVIDED TO THE COUNTY IN TIMELY FASHION.

PERMITEE CERTIFICATION  
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

DAVID KING, P.E. DATE  
PE NO. 50609, ENGINEER OF RECORD

CONTRACTOR CERTIFICATION  
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.

GENERAL CONTRACTOR NAME & TITLE DATE

COMPANY NAME

COMPANY STREET ADDRESS

CITY, STATE, ZIP CODE

J. WATER QUALITY MONITORING (TEMPORARY MIXING ZONES)  
THE WATER THAT WILL BE SAMPLED FOR STATE WATER QUALITY STANDARDS FOR CONSTRUCTION ACTIVITIES PROHIBIT A TURBIDITY INCREASE OF GREATER THAN 29 NTUS ABOVE AMBIENT CONDITIONS AT THE COMPLIANCE LOCATION OF THE MIXING ZONES. TO MAINTAIN THIS STANDARD, AND 41 NTUS WITHIN THE TEMPORARY MIXING ZONE, TURBIDITY MONITORING SHALL OCCUR DURING ALL IN-WATER CONSTRUCTION ACTIVITIES AT EACH COMPLIANCE AND BACKGROUND STATION. THE FOLLOWING PROCEDURE SHALL BE USED:

FREQUENCY: TWICE A DAY, AT LEAST 4 HOURS APART DURING FREQUENCY OF ACTUAL CONSTRUCTION OPERATIONS.

LOCATIONS: ALL STATIONS SHALL BE SAMPLED AT 2 FEET ABOVE THE BOTTOM, AT MID-DEPTH, AND AT THE SURFACE, OR AS DIRECTED BY PERMITTING AGENCIES. IF WATER IS LESS THAN THREE FEET DEEP, ONLY MID-DEPTH SAMPLES ARE REQUIRED.

BACKGROUND: 100 METERS UP-CURRENT FROM THE CONSTRUCTION BACKGROUND ACTIVITY AND OUTSIDE OF ANY TURBIDITY PLUME FROM THE CONSTRUCTION ACTIVITY.

COMPLIANCE: 200 METERS DOWN-CURRENT FROM THE CONSTRUCTION COMPLIANCE ACTIVITY WITHIN ANY VISIBLE TURBIDITY PLUME, OR AS DIRECTED BY PERMITTING AGENCIES.

METHOD: ALL SAMPLES SHALL BE COLLECTED WITH A KEMMERER, VAN DORN METHOD, OR SIMILAR SAMPLER WHICH IS DESIGNED TO COLLECT IN-SITU WATER SAMPLES.

REPORTING: ALL MONITORING DATA AND REPORTS SHALL BE RETAINED BY THE CONTRACTOR AND SUBMITTED TO THE SWFWMD UPON REQUEST. THE REPORTS SHALL CONTAIN THE FOLLOWING INFORMATION:

1. PERMIT NUMBER
2. DATES OF SAMPLING AND ANALYSIS
3. LOCATION OF SAMPLE (I.E. STATION AND WATER COLUMN LOCATION)
4. A STATEMENT DESCRIBING THE METHODS USED IN COLLECTION, HANDLING, STORAGE, AND ANALYSIS OF THE SAMPLES
5. A MAP INDICATING THE SAMPLING LOCATIONS
6. STATEMENT BY THE INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THE SAMPLING PROGRAM, CONCERNING THE AUTHENTICITY, PRECISION, LIMITS OF DETECTION AND ACCURACY OF DATA.

MONITORING REPORTS SHALL INCLUDE INFORMATION ON THE GENERAL ANTECEDENT WEATHER CONDITIONS.

IF MONITORING REVEALS VIOLATIONS OF THE STATE WATER QUALITY STANDARD FOR TURBIDITY, CONSTRUCTION ACTIVITIES SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL CORRECTIVE MEASURES HAVE BEEN TAKEN AND TURBIDITY HAS RETURNED TO ACCEPTABLE LEVELS. ANY SUCH OCCURRENCE SHALL ALSO BE IMMEDIATELY REPORTED TO THE REGULATORY AGENCIES. THE EVENT THAT STATE WATER QUALITY STANDARDS ARE NOT ATTAINED, THE CONTRACTOR SHALL IMPLEMENT A CONTINGENCY PLAN WHICH COMPLIES WITH THE PROJECT FDEP/SJRWMD ERP. ANY FINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS.



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SATELLITE BEACH, FL

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SHEET CONTENTS  
SWPPP

SHEET NO.

G-005

III. MAINTENANCE

- A. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTION AND MAINTENANCE OF ALL PERMANENT AND TEMPORARY EROSION CONTROL DEVICES THROUGHOUT ALL CONSTRUCTION PHASES OF THE PROJECT. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE PROJECT CONSTRUCTION CONTRACT.
- B. NON-STORM WATER DISCHARGES  
IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES MAY OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
- WATER FROM WATER LINE FLUSHING
  - PAVEMENT WASH WATERS (WHERE NO SPILL OR LEAKS OF VEHICLE AND HAZARDOUS MATERIALS HAVE OCCURRED)
  - UNCONTAMINATED GROUNDWATER FROM DE-WATERING ACTIVITIES

ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE OR AS DIRECTED BY THE ENGINEER. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, DEATERING SHOULD CEASE IMMEDIATELY AND THE ENGINEER WILL BE CONTACTED.

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

1. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT.
- STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB ON SITE.
  - ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS UNDER A ROOF OR OTHER CONTAINED ENCLOSURE.
  - SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
  - WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.
  - THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE.
2. THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
- PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RE-SEALABLE.
  - SECONDARY CONTAINMENT SHALL BE PROVIDED FOR ALL OPENED CONTAINERS. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE KEPT ON-SITE IN THE CONSTRUCTION OFFICE TRAILER.
  - IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED.
  - THE CONTRACTOR MUST IDENTIFY A DESIGNATED FUEL TANK STORAGE AREA, AWAY FROM DRAINAGE STRUCTURES, PONDS, BASINS, AND WETLANDS, WITH SECONDARY CONTAINMENT (SPILL COLLECTION).

3. CONCRETE TRUCKS

- CONTRACTOR SHALL DESIGNATE AN AREA AWAY FROM DRAINAGE STRUCTURES, PONDS, BASINS, AND WETLANDS FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE.
- HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.

4. SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIALS MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP.

- MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION CLEANUP SUPPLIES.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
- THE SPILL PREVENTION PLAN WILL BE PREPARED BY THE CONTRACTOR AND KEPT IN THE CONSTRUCTION OFFICE TRAILER AND WILL INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE ARE OTHERS. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED. ALL SPILLS AND RESPONSES WILL BE REPORTED TO THE APPROPRIATE AGENCY.
- THE SITE SUPERINTENDENT WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON SITE.
- USE AND CHARACTERISTICS OF FUEL OR CHEMICAL STORAGE TANK ON SITE SHALL COMPLY WITH ALL RELATED FEDERAL, STATE, AND LOCAL REGULATIONS. STORAGE TANKS MUST BE LOCATED AS FAR AS POSSIBLE FROM ANY DRAINAGE STRUCTURES, DITCHES, AND/OR SURFACE WATERS. IN ADDITION, THE CONTRACTOR MUST PROVIDE A SECONDARY CONTAINMENT WITH A LINER CHEMICALLY RESISTANT TO THE FUEL OR CHEMICAL STORED ON SITE. THE SECONDARY CONTAINMENT MUST BE SIZED TO CONTAIN MINIMUM OF ONE AND A HALF TIME THE TOTAL CAPACITY OF STORAGE TANK BEING USED. CONTRACTOR HAS TO PROVIDE A DAILY INSPECTION LOG FOR THE SECONDARY CONTAINMENT WITH INDICATION OF DATE, INSPECTORS NAME AND INSPECTION REPORT. FURTHERMORE, ANY CONTAMINATION HAS TO BE IMMEDIATELY CONTAINED AND THE COUNTY INSPECTOR MUST BE NOTIFIED OF THE NATURE AND EXTEND OF THE CONTAMINATION.

PERMITTEE CERTIFICATION

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GENERAL CONTRACTOR NAME & TITLE DATE

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
COMPANY STREET ADDRESS

\_\_\_\_\_  
CITY, STATE, ZIP CODE



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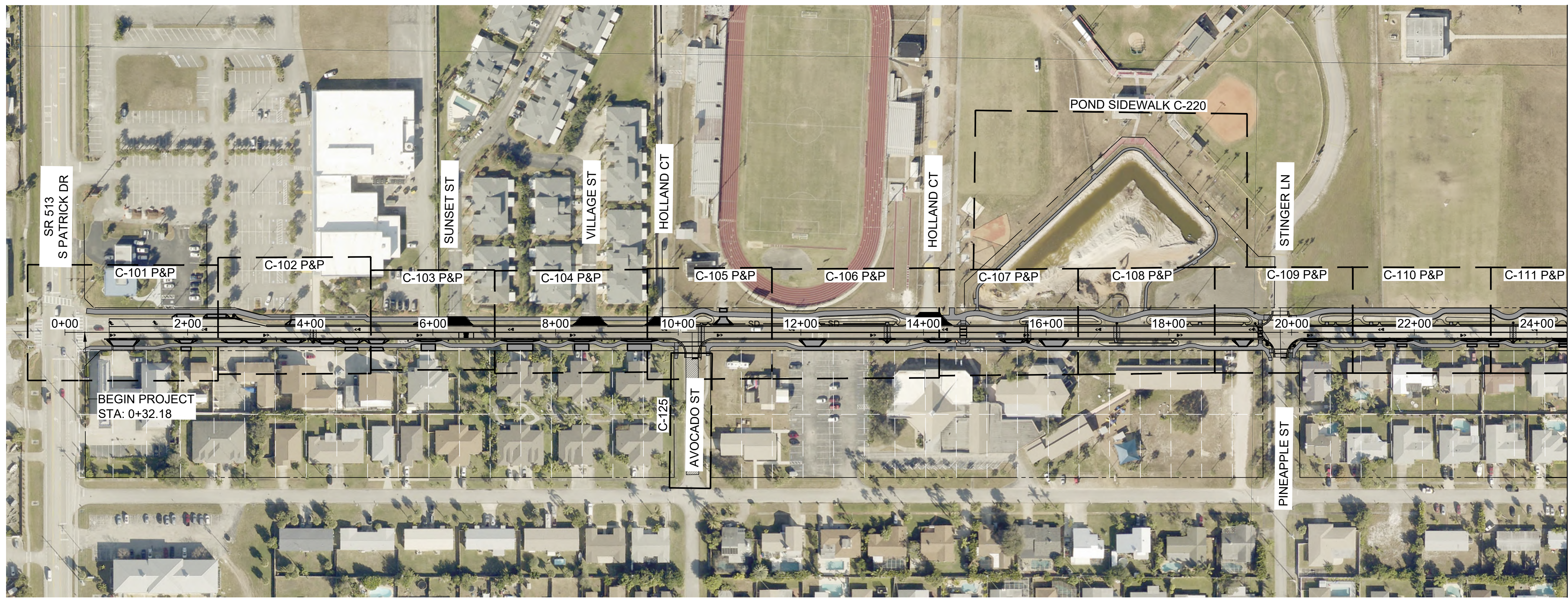
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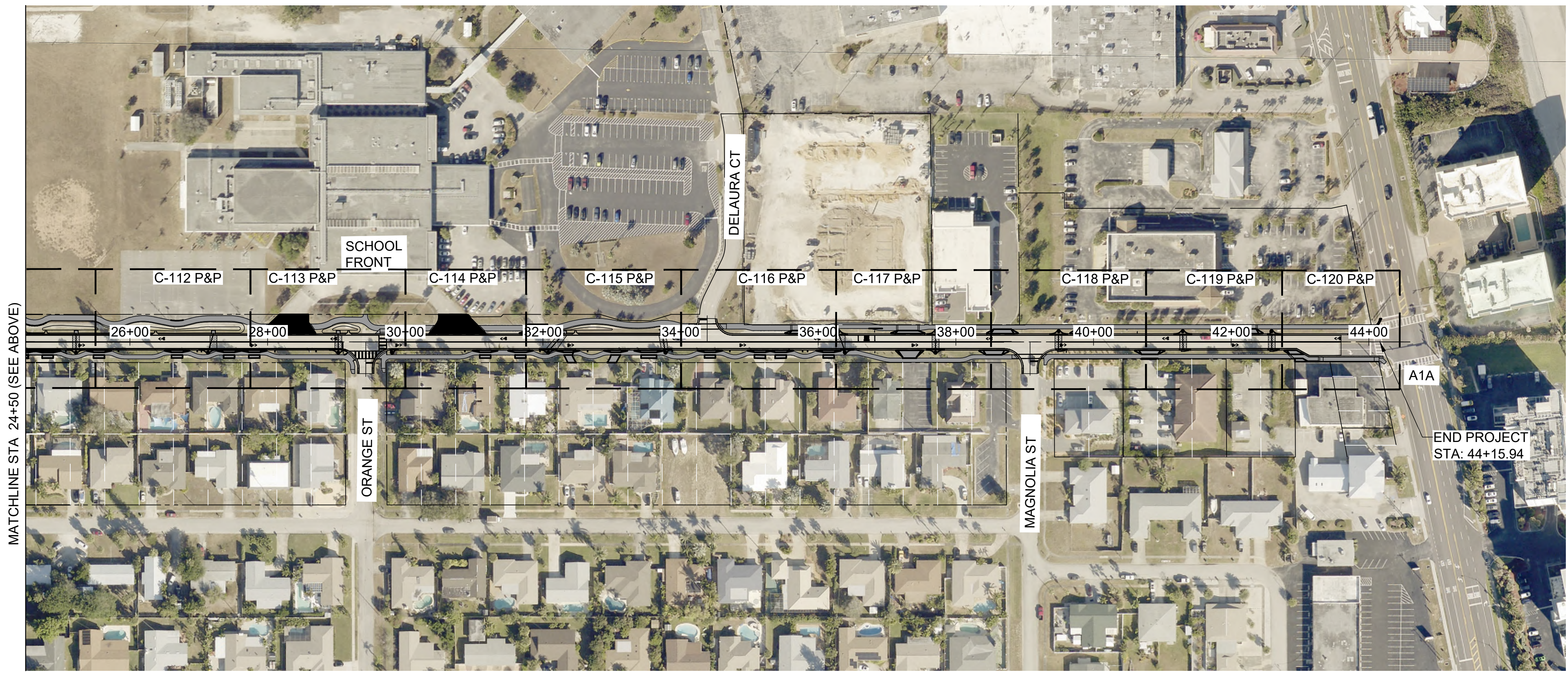
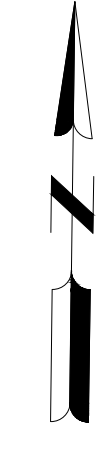
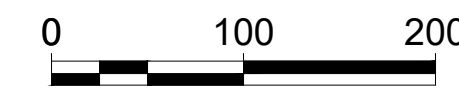
SHEET CONTENTS  
SWPPP

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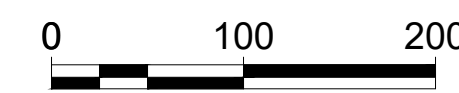
G-006



MATCHLINE STA 24+50 (SEE BELOW)



MATCHLINE STA 24+50 (SEE ABOVE)



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SHEET CONTENTS  
**PROJECT KEY PLAN**

SHEET NO.

**G-021**



PAY ITEM NOTES:

- ITEM 0337 7 83 - ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22 - TO INCLUDE RESURFACING AND OVERBUILD.
- ITEM 0520 3 - VALLEY GUTTER - CONCRETE: TO BE CONSTRUCTED USING USING DETAIL 1 ON PAGE C-501.
- ITEM 0580 1 2 - LANDSCAPE COMPLETE - TO INCLUDE INSTALLATION AND FURNISHING OF ALL LANDSCAPING PLANTINGS AND COMPLETE BIOSWALES. BIOSWALES CONSTRUCTION INCLUDES BUT IS NOT LIMITED TO REGRADING, COMPACTION, FILTER FABRIC, STONE, BIOFILTRATION ACTIVATED MEDIA, SOD, AND PLANTINGS.
- ITEM 700142111 - EHSA, SOL, GROUND MT, BEACON, <12SF - TO BE CONSTRUCTED AS AN ASSEMBLY '2', CONFIGURATION 'B'.
- ITEM 0710 90 - PAINTED PAVEMENT MARKINGS, FINAL SURFACE - TO INCLUDE TEMPORARY STOP BARS AND CROSSWALKS PRIOR TO FINAL THERMOPLASTIC LINES.
- ITEM 285790 OPTIONAL BASE GROUP 9 - TO INCLUDE SUBBASE AND BASE.
- ITEM 0102 4 1 - PEDESTRIAN OR BYCYCLE SPECIAL DETOUR - TO INCLUDE ALL TEMPORARY CROSSWALKS, SIGNS, PAVEMENT MARKINGS, DETECTABLE WARNINGS, ETC TO ENSURE ADA COMPLIANCE.

ITEM NO.	DESCRIPTION	Unit	JACKSON AVE QTY	AVOCADO ST & POND SIDEWALK QTY	PROJECT QTY
0101 1	MOBILIZATION	LS	1	-	1
0102 1	MAINTENANCE OF TRAFFIC	LS	1	-	1
0102 4 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR	SY	1865	-	1865
0102 60	WORK ZONE SIGN	ED	25200	-	25200
0102 99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMP	ED	210	-	210
0104 10 3	SEDIMENT BARRIER	LF	8380	-	8380
0104 18	INLET PROTECTION SYSTEM	EA	41	2	43
0110 11	CLEARING & GRUBBING	LS	1	-	1
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	5587	-	5587
0110 7 1	MAILBOX, F&I SINGLE	EA	26	-	26
0110 23	TREE REMOVAL	EA	22	-	22
285709	OPTIONAL BASE, BASE GROUP 09	SY	1302	-	1302
0327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	37257	450	37707
0337 7 83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	TN	3872	35	3907
0425 1315	INLETS, CURB TYPE P-1, PARTIAL	EA	6	-	6
0425 1325	INLETS, CURB, TYPE P-2, PARTIAL	EA	10	-	10
0425 1335	INLETS, CURB, TYPE P-3, PARTIAL	EA	1	-	1
0425 1525	INLETS, DITCH BOTTOM, TYPE C, PARTIAL	EA	1	-	1
0425 1555	INLETS, DITCH BOTTOM, TYPE E, PARTIAL	EA	15	-	15
0425 1715	INLETS, GUTTER, TYPE V, PARTIAL	EA	4	-	4
0425 2 43	MANHOLES, P-7, PARTIAL	EA	4	-	4
0425 1910	INLETS, FLUME	EA	17	-	17
430174112	PIPE CULV. OPT MATL, ROUND,12"SD	LF	45	-	45
430174118	PIPE CULV. OPT MATL, ROUND,18"SD	LF	395	-	395
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	8380	-	8380
0520 2 4	CONCRETE CURB, TYPE D	LF	102	-	102
0520 3	VALLEY GUTTER- CONCRETE	LF	25	-	25
0522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	6207	364	6571
0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	2479	-	2479
527 2	DETECTABLE WARNINGS	SF	1015	-	1015
0530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	13	-	13
0570 1 2	PERFORMANCE TURF, SOD	SY	7640	450	8090
0580 1 2	LANDSCAPE COMPLETE	LS	1	-	1
0580 12 35	ROOT BARRIER- 24"	LF	1350	-	1350
0663 1131	SIGNAL PRIO & PREEMP, F&I, RADIO,CAB EL	EA	1	-	1
0663 1132	SIGNAL PRIO & PREEMP, F&I, RADIO,DETECT	EA	1	-	1
700 1 11	SINGLE POST SIGN, F&I GM, <12 SF	AS	24	-	24
700142111	EHSA, SOL, GROUND MT, BEACON, <12SF	EA	2	-	2
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1	-	1
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1396	-	1396
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	240	-	240
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	41	-	41
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	3	-	3
0711 16101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	GM	1.78	-	1.78
0711 16201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	GM	1.62	-	1.62



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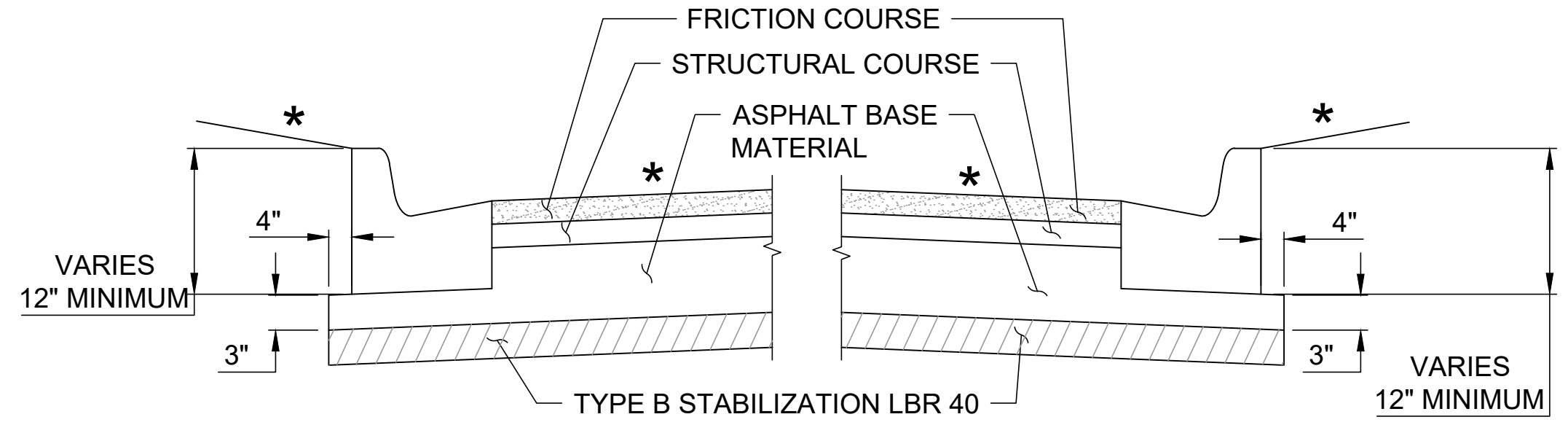
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SHEET CONTENTS  
SUMMARY OF PAY ITEMS

SHEET NO.

G-061



DETAIL OF ASPHALT BASE CURB PAD

**MILLING - STANDARD DEPTH (EB AND WB LANES)**

MILL EXISTING ASPHALT PAVEMENT (1-1/2" AVERAGE DEPTH)

**RESURFACING**

FRICION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

**ASPHALT PAVEMENT**

OPTIONAL BASE GROUP 09 (TYPE B-12.5 ONLY)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1-1/2")  
 AND FRICION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

NOTE: ASPHALT BASE TO BE USED IN AREAS FOR RECONSTRUCTION MARKED ON PLAN SET

**CONCRETE**

ALL CONCRETE SIDEWALKS SHALL BE 4" THICK  
 DRIVEWAY APRON TO BE 6" THICK

**TRAFFIC DATA**

DESIGN SPEED = 25 MPH  
 POSTED SPEED = 25 MPH

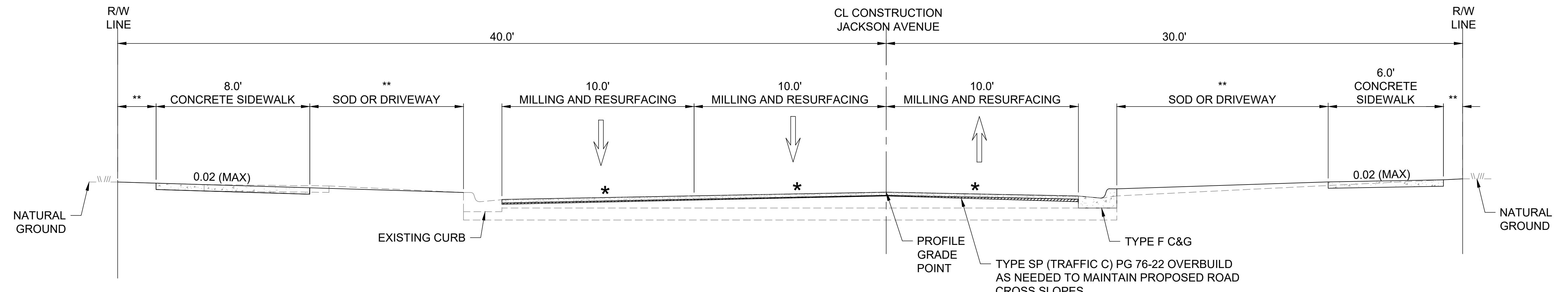
\* CROSS SLOPE VARIES, REFER TO PROFILE GRADE LINE AND CROSS SECTIONS  
 \*\* DISTANCE VARIES BASED ON LOCATION OF SIDEWALK, REFER TO PLAN SHEETS



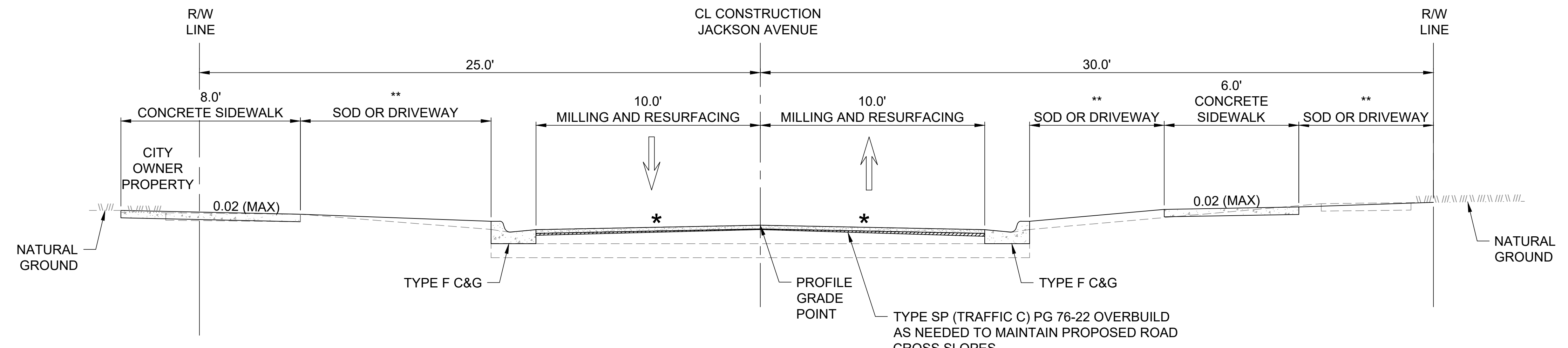
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 4401 Eastport Parkway  
 Port Orange, FL 32127  
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1 STA: 0+72.16 TO STA: 3+29.48  
 NOT TO SCALE



2 STA: 3+29.48 TO STA: 9+74.23  
 NOT TO SCALE

CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL

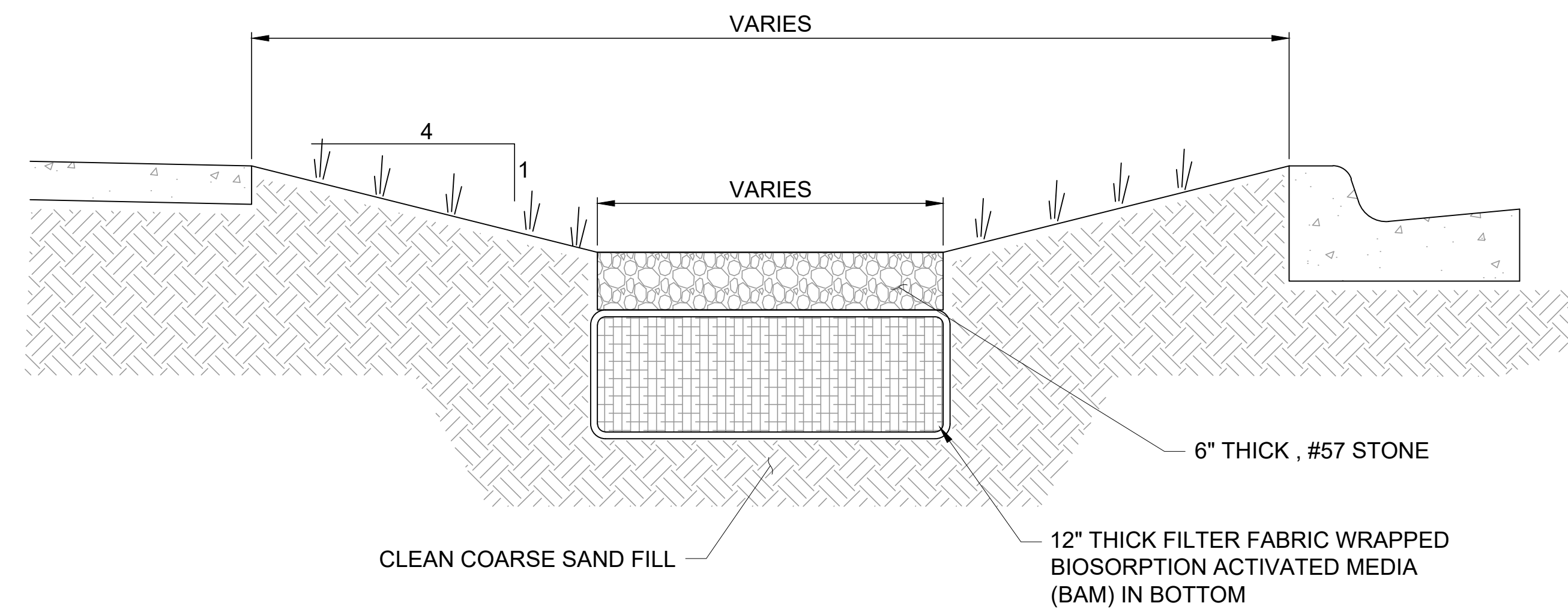
ISSUED 03/20/26 IFC SET

M&H NO: 1000716-172392.03  
 DATE: MARCH 2026  
 DESIGNED BY: ES/DAK  
 DRAWN BY: CAJ  
 CHECKED BY: DAK  
 DO NOT SCALE DRAWINGS

SHEET CONTENTS  
 TYPICAL SECTIONS

SHEET NO.

C-011



**1 BIOSWALE AREAS**  
NOT TO SCALE

**MILLING - STANDARD DEPTH (EB AND WB LANES)**

MILL EXISTING ASPHALT PAVEMENT (1-1/2" AVERAGE DEPTH)

**RESURFACING**

FRICITION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

**ASPHALT PAVEMENT**

OPTIONAL BASE GROUP 09 (TYPE B-12.5 ONLY)  
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1-1/2")  
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

NOTE: ASPHALT BASE TO BE USED IN AREAS FOR RECONSTRUCTION MARKED ON PLAN SET

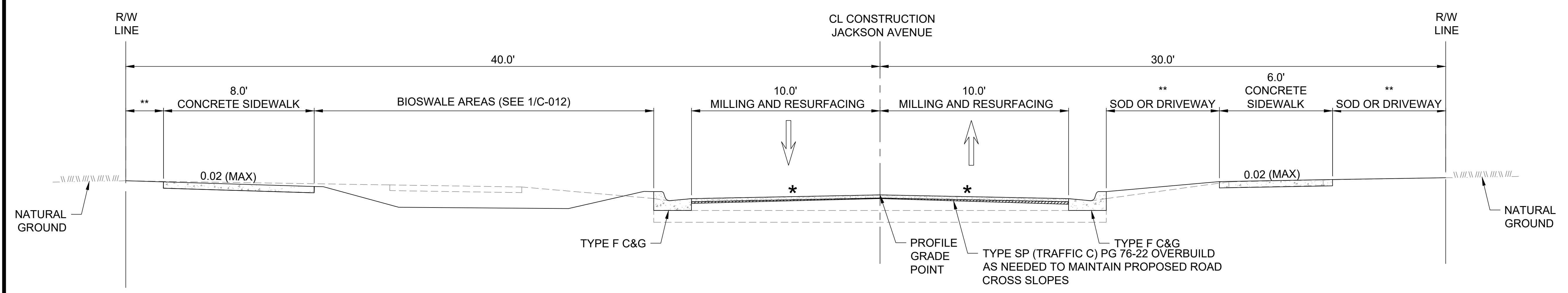
**CONCRETE**

ALL CONCRETE SIDEWALKS SHALL BE 4" THICK  
DRIVEWAY APRON TO BE 6" THICK

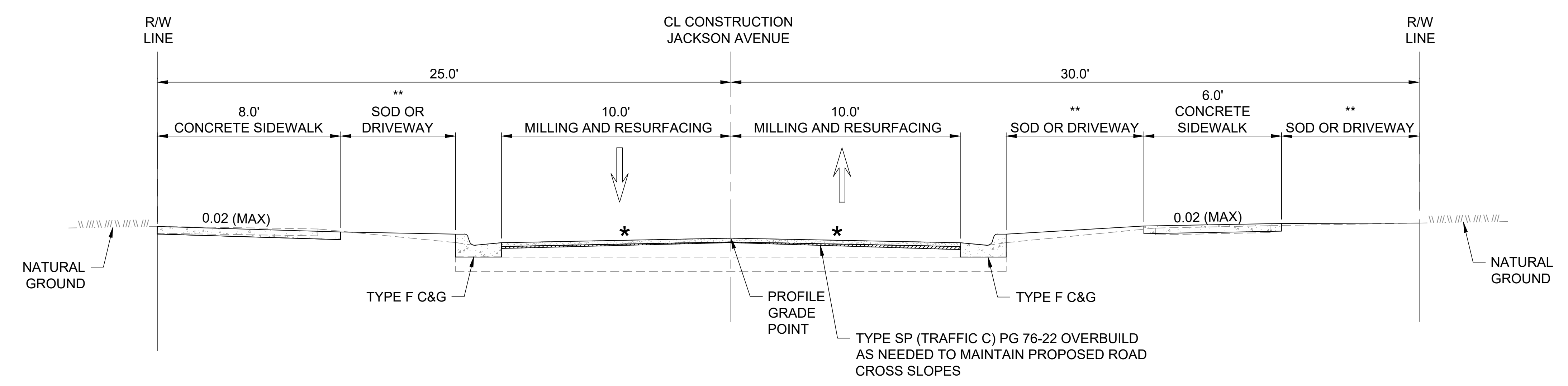
**TRAFFIC DATA**

DESIGN SPEED = 25 MPH  
POSTED SPEED = 25 MPH

\* CROSS SLOPE VARIES, REFER TO PROFILE GRADE LINE AND CROSS SECTIONS  
\*\* DISTANCE VARIES BASED ON LOCATION OF SIDEWALK, REFER TO PLAN SHEETS



**2 HOLLAND CT TO DELAURA CT**  
STA: 9+74.23 TO STA: 34+27.57  
NOT TO SCALE



**3 DELAURA CT TO MAGNOLIA ST**  
STA: 34+27.57 TO STA: 39+07.73  
NOT TO SCALE



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CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

M&H NO: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: ES/DAK  
DRAWN BY: CAJ  
CHECKED BY: DAK  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
TYPICAL SECTIONS

SHEET NO.

**C-012**

X:\1000716\172392.03\TECH\CAD\JACKSON AVE STREETS\CAPEC-011.DWG  
3/19/2026 2:28:27 PM

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**MILLING - STANDARD DEPTH (EB AND WB LANES)**

MILL EXISTING ASPHALT PAVEMENT (1-1/2" AVERAGE DEPTH)

**RESURFACING**

FRICITION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

**ASPHALT PAVEMENT**

OPTIONAL BASE GROUP 09 (TYPE B-12.5 ONLY)  
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (1-1/2")  
AND FRICITION COURSE FC-12.5 (TRAFFIC C) (1-1/2") (PG 76-22)

NOTE: ASPHALT BASE TO BE USED IN AREAS FOR RECONSTRUCTION MARKED ON PLAN SET

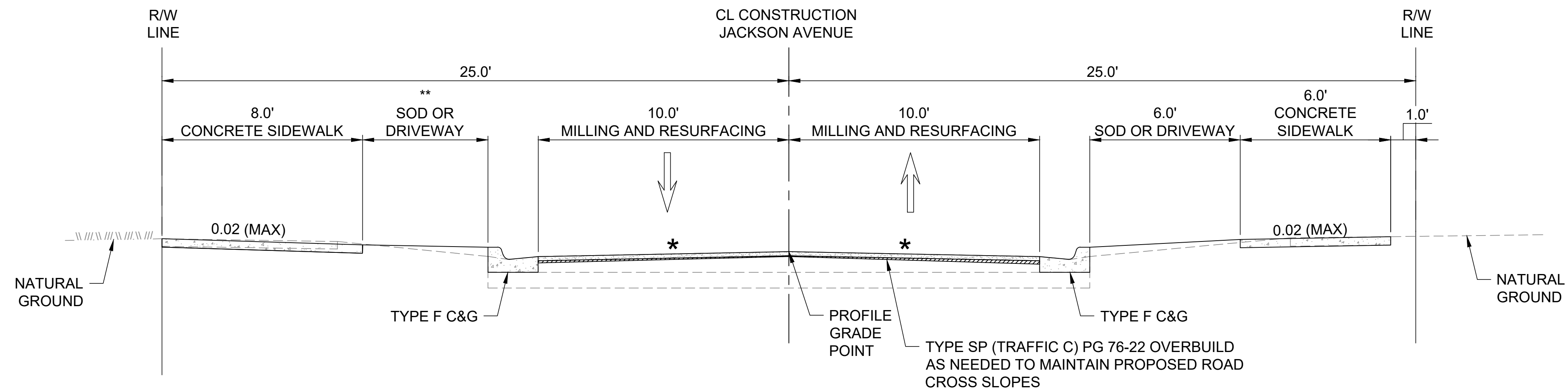
**CONCRETE**

ALL CONCRETE SIDEWALKS SHALL BE 4" THICK  
DRIVEWAY APRON TO BE 6" THICK

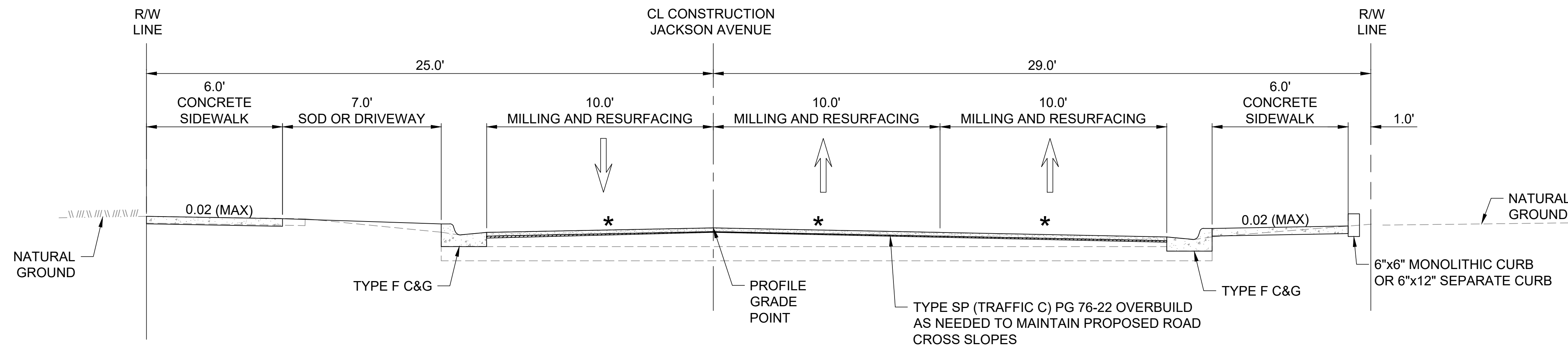
**TRAFFIC DATA**

DESIGN SPEED = 25 MPH  
POSTED SPEED = 25 MPH

\* CROSS SLOPE VARIES, REFER TO PROFILE GRADE LINE AND CROSS SECTIONS  
\*\* DISTANCE VARIES BASED ON LOCATION OF SIDEWALK, REFER TO PLAN SHEETS



**1** STA: 39+07.73 TO STA: 42+92.69  
NOT TO SCALE



**2** STA: 42+92.69 TO STA: 43+59.69  
NOT TO SCALE



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CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

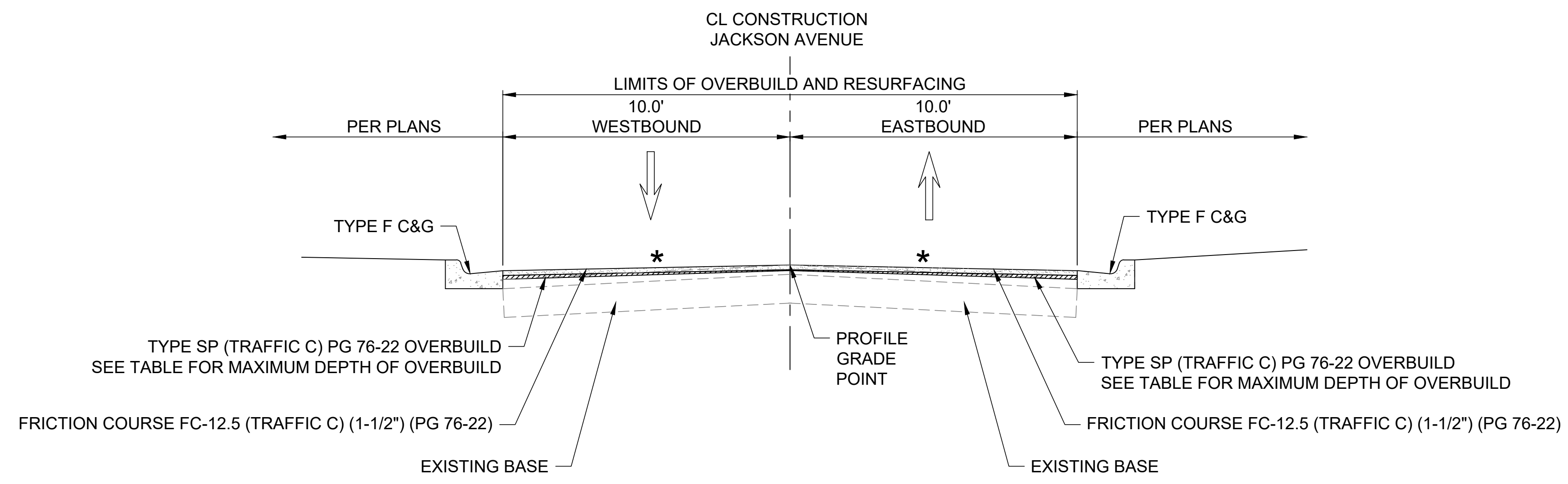
ISSUED 03/20/26 IFC SET

M&H NO.: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: ES/DAK  
DRAWN BY: CAJ  
CHECKED BY: DAK  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
TYPICAL SECTIONS

SHEET NO.

C-013



\* CROSS SLOPE VARIES, REFER TO PROFILE GRADE LINE AND CROSS SECTIONS

**OVERBUILD AND RESURFACING DETAIL**  
**STA: 72+16 TO STA: 43+59.69**  
 NOT TO SCALE  
**JACKSON AVE**

LOCATION		OVERBUILD DETAILS					
STATION	LANE	EXISTING SLOPE (%)	PROPOSED SLOPE (%)	MAX DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (CUBIC FT.)	AMOUNT OF OVERBUILD (TON)
0+72.16	WESTBOUND	-0.8	-1.40	1.0	10	0.83	-
1+00	WESTBOUND	-0.8	-1.50	2.3	10	1.92	13.9
2+00	WESTBOUND	-0.8	-1.40	2.4	10	2.00	14.5
3+00	WESTBOUND	-0.8	-2.00	1.7	10	1.42	10.3
4+00	WESTBOUND	-0.8	-2.40	1.6	10	1.33	9.7
5+00	WESTBOUND	-0.8	-2.40	1.8	10	1.50	10.9
6+00	WESTBOUND	-0.8	-2.90	2.0	10	1.67	12.1
7+00	WESTBOUND	-0.8	-3.90	2.0	10	1.67	12.1
8+00	WESTBOUND	-0.8	-3.90	2.1	10	1.75	12.7
9+00	WESTBOUND	-0.8	-2.00	2.2	10	1.83	13.3
10+00	WESTBOUND	-0.8	-2.00	2.0	10	1.67	12.1
11+00	WESTBOUND	-0.8	-2.00	1.9	10	1.58	11.5
12+00	WESTBOUND	-0.8	-2.00	1.7	10	1.42	10.3
13+00	WESTBOUND	-0.9	-2.00	1.7	10	1.42	10.3
14+00	WESTBOUND	-0.9	-2.00	1.6	10	1.33	9.7
15+00	WESTBOUND	-0.9	-2.00	2.2	10	1.83	13.3
16+00	WESTBOUND	-0.9	-2.00	2.5	10	2.08	15.1
17+00	WESTBOUND	-0.9	-2.00	2.9	10	2.42	17.5
18+00	WESTBOUND	-0.9	-3.00	1.7	10	1.42	10.3
19+00	WESTBOUND	-0.9	-3.00	1.6	10	1.33	9.7
20+00	WESTBOUND	-0.9	-3.90	1.4	10	1.17	8.5
21+00	WESTBOUND	-0.9	-2.00	1.3	10	1.08	7.9
22+00	WESTBOUND	-0.9	-2.00	1.8	10	1.50	10.9
23+00	WESTBOUND	-0.7	-1.90	2.4	10	2.00	14.5
24+00	WESTBOUND	-0.7	-2.00	2.8	10	2.33	16.9
25+00	WESTBOUND	-0.7	-2.00	2.8	10	2.33	16.9
26+00	WESTBOUND	-0.7	-2.00	2.7	10	2.25	16.3
27+00	WESTBOUND	-0.7	-2.00	2.5	10	2.08	15.1
28+00	WESTBOUND	-0.7	-2.00	1.8	10	1.50	10.9
29+00	WESTBOUND	-0.7	-2.00	1.8	10	1.50	10.9
30+00	WESTBOUND	-0.7	-2.00	1.6	10	1.33	9.7
31+00	WESTBOUND	-0.8	-1.50	1.9	10	1.58	11.5
32+00	WESTBOUND	-0.8	-3.00	1.8	10	1.50	10.9
33+00	WESTBOUND	-0.8	-2.90	2.2	10	1.83	13.3
34+00	WESTBOUND	-0.8	-4.00	2.1	10	1.75	12.7
35+00	WESTBOUND	-0.8	-4.00	1.9	10	1.58	11.5
36+00	WESTBOUND	-0.8	-2.00	1.7	10	1.42	10.3
37+00	WESTBOUND	-0.8	-2.00	1.7	10	1.42	10.3
38+00	WESTBOUND	-0.8	-1.90	1.8	10	1.50	10.9
39+00	WESTBOUND	-0.8	-2.00	2.6	10	2.17	15.7
40+00	WESTBOUND	-0.8	-2.00	2.8	10	2.33	16.9
41+00	WESTBOUND	-0.8	-2.00	3.0	10	2.50	18.1
42+00	WESTBOUND	-0.8	-1.90	2.0	10	1.67	12.1
43+00	WESTBOUND	-0.8	-2.00	2.2	10	1.83	13.3
43+59.69	WESTBOUND	-0.8	-1.90	1.6	10	1.33	9.7

**TOTAL OVERBUILD (TONS) = 544.4**

LOCATION		OVERBUILD DETAILS					
STATION	LANE	EXISTING SLOPE (%)	PROPOSED SLOPE (%)	MAX DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AREA OF OVERBUILD (SQ. FT.)	AMOUNT OF OVERBUILD (TON)
0+72.16	EASTBOUND	-0.8	-2.00	1.2	10	0.97	-
1+00	EASTBOUND	-0.8	-2.00	2.7	10	2.22	16.1
2+00	EASTBOUND	-0.8	-2.00	2.8	10	2.32	16.8
3+00	EASTBOUND	-0.8	-1.90	2.0	10	1.64	11.9
4+00	EASTBOUND	-0.8	-1.90	1.9	10	1.55	11.2
5+00	EASTBOUND	-0.8	-1.90	2.1	10	1.74	12.6
6+00	EASTBOUND	-0.8	-1.90	2.3	10	1.93	14.0
7+00	EASTBOUND	-0.8	-1.90	2.3	10	1.93	14.0
8+00	EASTBOUND	-0.8	-1.90	2.4	10	2.03	14.7
9+00	EASTBOUND	-0.8	-1.90	2.6	10	2.13	15.4
10+00	EASTBOUND	-0.8	-2.00	2.3	10	1.93	14.0
11+00	EASTBOUND	-0.8	-2.50	2.2	10	1.84	13.3
12+00	EASTBOUND	-0.8	-2.50	2.0	10	1.64	11.9
13+00	EASTBOUND	-0.9	-2.00	2.0	10	1.64	11.9
14+00	EASTBOUND	-0.9	-2.00	1.9	10	1.55	11.2
15+00	EASTBOUND	-0.9	-1.90	2.6	10	2.13	15.4
16+00	EASTBOUND	-0.9	-2.00	2.9	10	2.42	17.5
17+00	EASTBOUND	-0.9	-1.90	3.4	10	2.80	20.3
18+00	EASTBOUND	-0.9	-1.90	2.0	10	1.64	11.9
19+00	EASTBOUND	-0.9	-2.40	1.9	10	1.55	11.2
20+00	EASTBOUND	-0.9	-1.40	1.6	10	1.35	9.8
21+00	EASTBOUND	-0.9	-1.90	1.5	10	1.26	9.1
22+00	EASTBOUND	-0.9	-3.00	2.1	10	1.74	12.6
23+00	EASTBOUND	-0.7	-1.90	2.8	10	2.32	16.8
24+00	EASTBOUND	-0.7	-3.40	3.2	10	2.71	19.6
25+00	EASTBOUND	-0.7	-2.90	3.2	10	2.71	19.6
26+00	EASTBOUND	-0.7	-2.00	3.1	10	2.61	18.9
27+00	EASTBOUND	-0.7	-1.90	2.9	10	2.42	17.5
28+00	EASTBOUND	-0.7	-1.90	2.1	10	1.74	12.6
29+00	EASTBOUND	-0.7	-2.90	2.1	10	1.74	12.6
30+00	EASTBOUND	-0.7	-1.90	1.9	10	1.55	11.2
31+00	EASTBOUND	-0.8	-1.90	2.2	10	1.84	13.3
32+00	EASTBOUND	-0.8	-1.90	2.1	10	1.74	12.6
33+00	EASTBOUND	-0.8	-1.90	2.6	10	2.13	15.4
34+00	EASTBOUND	-0.8	-3.00	2.4	10	2.03	14.7
35+00	EASTBOUND	-0.8	-4.00	2.2	10	1.84	13.3
36+00	EASTBOUND	-0.8	-4.00	2.0	10	1.64	11.9
37+00	EASTBOUND	-0.8	-3.40	2.0	10	1.64	11.9
38+00	EASTBOUND	-0.8	-3.40	2.1	10	1.74	12.6
39+00	EASTBOUND	-0.8	-3.90	3.0	10	2.51	18.2
40+00	EASTBOUND	-0.8	-4.00	3.2	10	2.71	19.6
41+00	EASTBOUND	-0.8	-2.00	3.5	10	2.90	21.0
42+00	EASTBOUND	-0.8	-1.90	2.3	10	1.93	14.0
43+00	EASTBOUND	-0.8	-1.90	2.6	10	2.13	15.4
43+59.69	EASTBOUND	-0.8	-1.90	1.9	10	1.55	11.2

**TOTAL OVERBUILD (TONS) = 631.5**

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 4401 Eastport Parkway  
 Port Orange, FL 32127  
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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
**SATELLITE BEACH, FL**

ISSUED: 03/20/26 IFC SET

M&H NO: 1000716-172392.03  
 DATE: MARCH 2026  
 DESIGNED BY: ES/DAK  
 DRAWN BY: CAJ  
 CHECKED BY: DAK  
 DO NOT SCALE DRAWINGS

SHEET CONTENTS  
**TYPICAL SECTION - OVERBUILD**

SHEET NO.

**C-014**

EXISTING STORM STRUCTURES AND PIPING							
STRUCTURE	STATION AND SIDE	DESCRIPTION	RIM EL	SLOT INV EL	WEIR EL	PIPES	
						SIZE	INV EL
CB-11	2+75.84 L	24x37	2.68			18" HDPE E	0.33
DI-12	4+04.87 R	INLET	2.77			12" RCP N	0.15
						12" RCP W	0.13
CB-13	4+04.98 L	12x24	2.12			12" RCP S	0.28
						14x23 RCP NS	0.83
CB-14	4+03.72R	36x72	2.8			18" HDPE W	0.23
						18" HDPE E	0.23
						12" RCP S	0.21
MD-12	2+60.48 R	MANHOLE	3.03			12" RCP E	0.01
CI-15	10+37.98 L	24x37	4.23	3.114-3.138	3.104-3.049	18" RCP S	0.36
CI-16	10+37.38 R	24x37	4.18	3.42	-	18" RCP N	0.33
						24" HDPE S	0.32
CI-17	13+40.54 R	24x37	5.01	3.930-3.961		18" RCP N	1.14
CI-18	13+40.73 L	36x54	4.99	3.901-3.932		18" RCP S	1.21
						24" HDPE E	1.05
CI-19	15+69.76 L	36x54	5.56 (5.64)	4.479-4.485		24" HDPE W	1.03
						24" HDPE E	1.03
						18" RCP S	1.13
						24" RCP N	1.00
CI-20	15+70.86 R	24x37	5.25	4.171-4.191		18" RCP N	1.33
						18" RCP S	1.16
CI-21	17+15.15 L	36x54	5.54 (5.72)	4.433-4.446	4.372-4.428 (4.5)	24" HDPE W	0.91
						24" HDPE E	0.92
						24" RCP N	1.00
CI-22	17+14.07 R	24x37	5.41	4.274-4.341		18" RCP N	1.12
						18" RCP SE	1.77
CI-23	19+40.57 L	36x54	4.5 (4.58)	3.454-3.46	3.982-3.931 (4.0)	24" HDPE W	0.93
						24" HDPE E	0.96
						NW 30" RCP	0.50
CI-24	19+59.58 R	24x37	4.26	3.535-3.588		18" RCP NW	1.94
						15" RCP E	2.20
						18" HDPE S	1.59
CI-25	20+04.32 R	MANHOLE	4.49			15" RCP W	2.42
						12" N	2.47
CI-26	20+17.79 L	36x54	4.88	3.705-3.758		24" HDPE W	1.03
						24" HDPE E	1.78
CI-27	23+61.67 L	36x54	5.73	4.659-4.692		18" RCP S	1.81
						24" HDPE W	1.95
						24" HDPE E	1.75
CI-28	23+60.88 R	24x37	5.29	4.215-4.217		18" RCP N	1.69
						18" RCP S	2.00
CI-29	25+22.03 L	36x54	6.07	4.98		24" HDPE W	2.01
						24" HDPE E	2.80
CI-30	25+21.82 R	24x37	5.72	4.60		18" RCP N	1.79
						18" RCP S	2.85
CI-31	27+21.22 L	36x54	6.37	5.31		24" HDPE W	2.89
						24" HDPE E	2.99
CI-32	27+21.07 R	24x37	6.21	5.094-5.148		18" RCP N	2.87
						24" HDPE W	2.66
CI-33	29+02.63 L	36x54	6.4	5.50		24" HDPE E	2.65
						24" HDPE S	2.60
						24" HDPE N	2.62
CI-34	29+02.72 R	36x54	6.28	5.20		24" HDPE E	2.53
						24" HDPE W	2.75
MD-35	29+21.94 R	MANHOLE	6.62	-	5.09	24" RCP E	3.41
						24" HDPE S	3.41
						24" RCP W	2.78
CI-36	29+80.65 R	36x54	6.52	5.40		24" HDPE E	2.71
						24" HDPE W	2.84
CI-37	32+17.46 R	36x54	6.94	6.20		24" HDPE E	4.02
						18" RCP N	4.06
CI-38	32+31.59 L	36x54	7.08	5.97		18" RCP S	4.18
						24" HDPE E	3.95
CI-39	33+73.53 L	36x54	6.88	5.85		24" HDPE W	3.73
						18" RCP S	3.73

EXISTING STORM STRUCTURES AND PIPING							
STRUCTURE	STATION AND SIDE	DESCRIPTION	RIM EL	SLOT INV EL	WEIR EL	PIPES	
						SIZE	INV EL
CI-40	33+73.24 R	36x54	7.19	6.15		24" HDPE W	3.78
						24" HDPE E	3.88
						18" RCP N	3.84
CI-41	36+29.40 R	36x54	7.80	6.75		24" HDPE W	3.82
						24" HDPE E	3.92
						18" RCP N	3.87
CI-42	36+29.94 L	36x54	7.89 (8.01)	6.87		18" RCP S	4.20
						24" RCP	4.35
CI-43	37+70.32 R	36x54	8.18	7.10		24" HDPE W	3.78
						18" RCP N	3.90
CI-44	37+70.81 L	36x54	8.14	7.13		18" RCP S	3.90
						30" N12 NE	4.25
CB-45	39+35.12 R	CATCH BASIN	8.46	-		30" HDPE S	2.99
						30" N12 S	4.09
CI-46	39+49.12 R	FDOT TYPE 5		7.65		18" RCP N	4.09
						30" HDPE E	4.60
CI-47	39+49.97 L	FDOT TYPE 5		7.45		18" RCP S	4.69
						18" RCP N	5.02
CI-48	41+30.22 R	FDOT TYPE 5		8.69		30" HDPE W	4.65
						30" HDPE E	4.65
CI-49	41+29.52 L	FDOT TYPE 5		8.28		18" RCP S	5.12
						18" RCP N	5.28
CI-50	42+59.23 R	FDOT TYPE 5		9.06		30" HDPE W	4.85
						18" RCP S	5.41
CI-51	42+59.07 L	FDOT TYPE 5		9.02			



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CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL

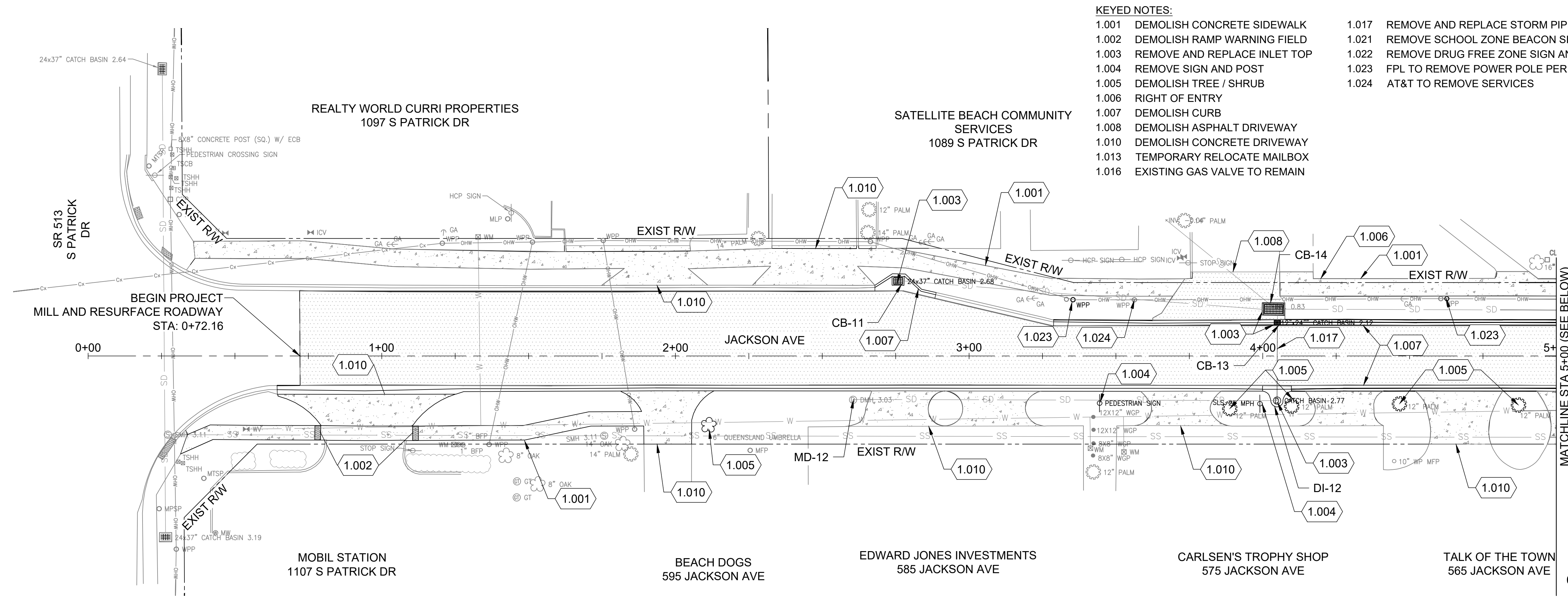
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SHEET CONTENTS  
EXISTING  
STORMWATER  
STRUCTURES AND  
PIPING TABLE

SHEET NO.

C-050



- KEYED NOTES:**
- 1.001 DEMOLISH CONCRETE SIDEWALK
  - 1.002 DEMOLISH RAMP WARNING FIELD
  - 1.003 REMOVE AND REPLACE INLET TOP
  - 1.004 REMOVE SIGN AND POST
  - 1.005 DEMOLISH TREE / SHRUB
  - 1.006 RIGHT OF ENTRY
  - 1.007 DEMOLISH CURB
  - 1.008 DEMOLISH ASPHALT DRIVEWAY
  - 1.010 DEMOLISH CONCRETE DRIVEWAY
  - 1.013 TEMPORARY RELOCATE MAILBOX
  - 1.016 EXISTING GAS VALVE TO REMAIN
  - 1.017 REMOVE AND REPLACE STORM PIPE
  - 1.021 REMOVE SCHOOL ZONE BEACON SIGN
  - 1.022 REMOVE DRUG FREE ZONE SIGN AND RETURN TO OWNER
  - 1.023 FPL TO REMOVE POWER POLE PER UWS
  - 1.024 AT&T TO REMOVE SERVICES

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**CITY OF SATELLITE BEACH**  
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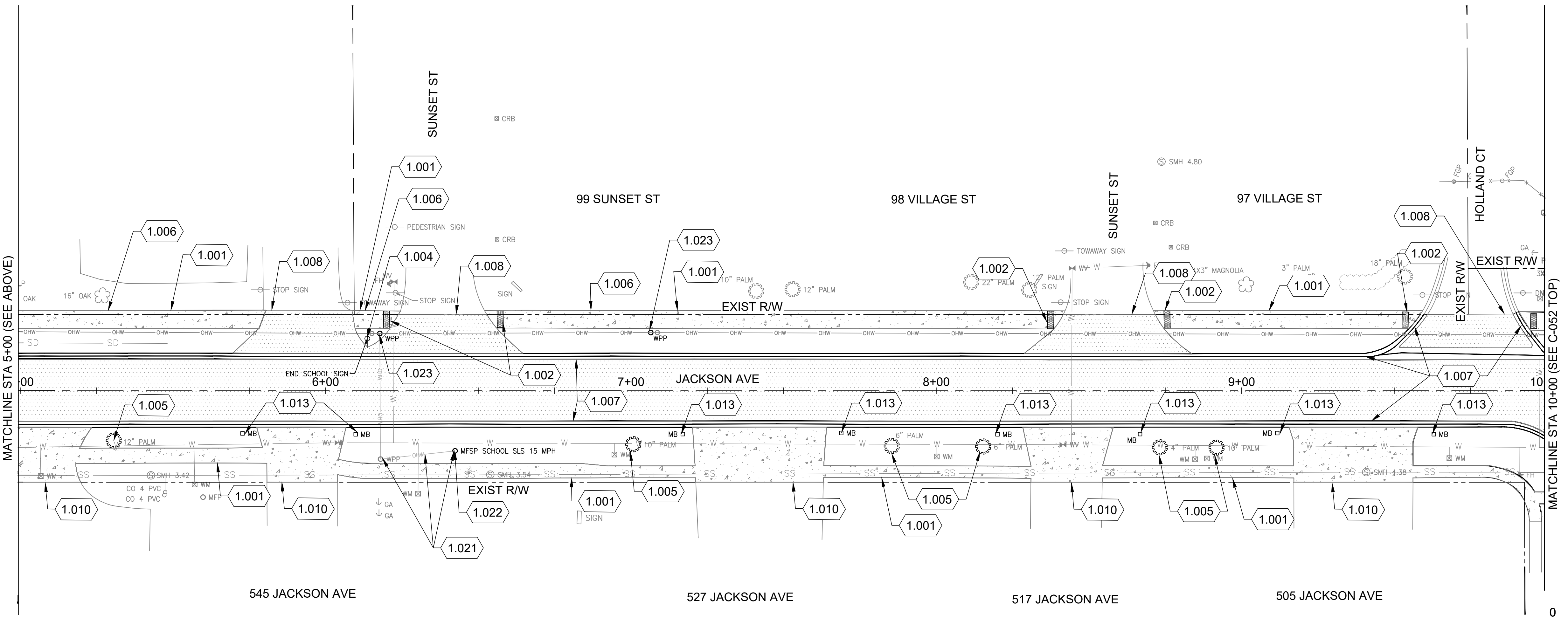
SHEET CONTENTS  
 SITE DEMOLITION PLAN

SHEET NO.

**C-051**

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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

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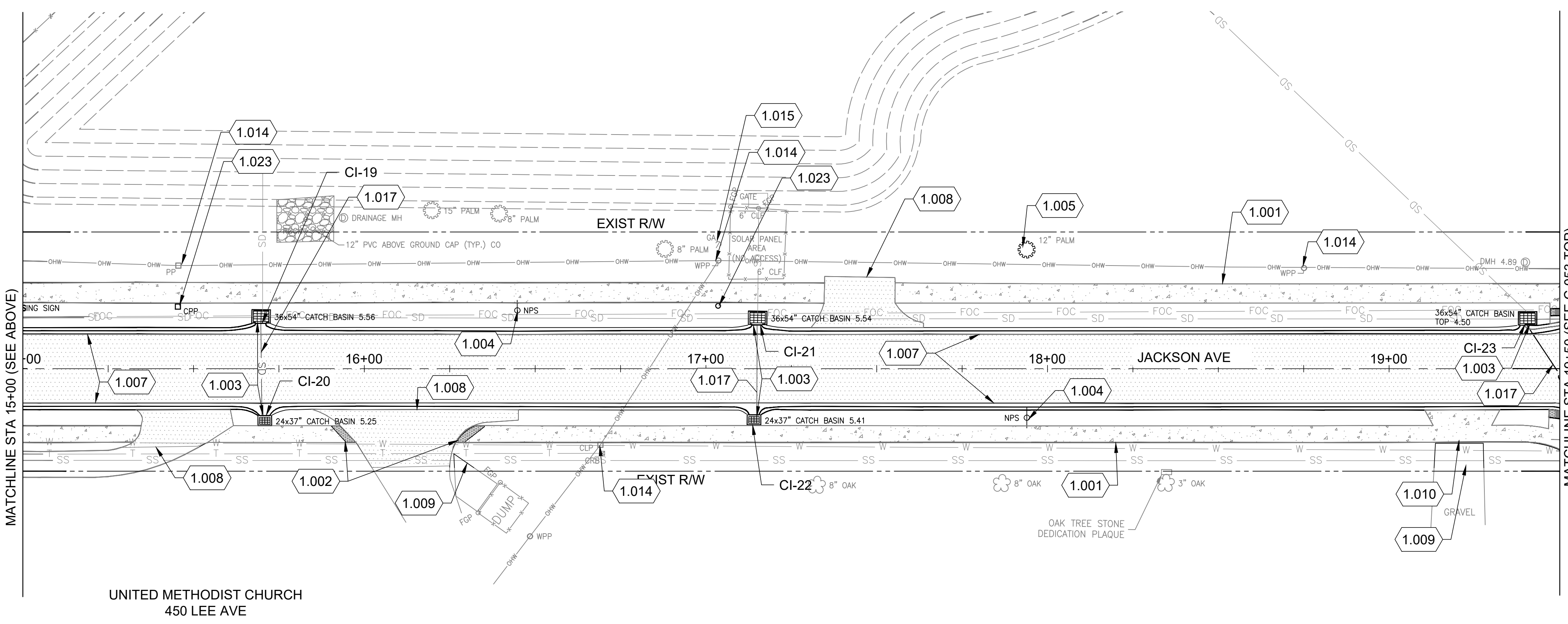
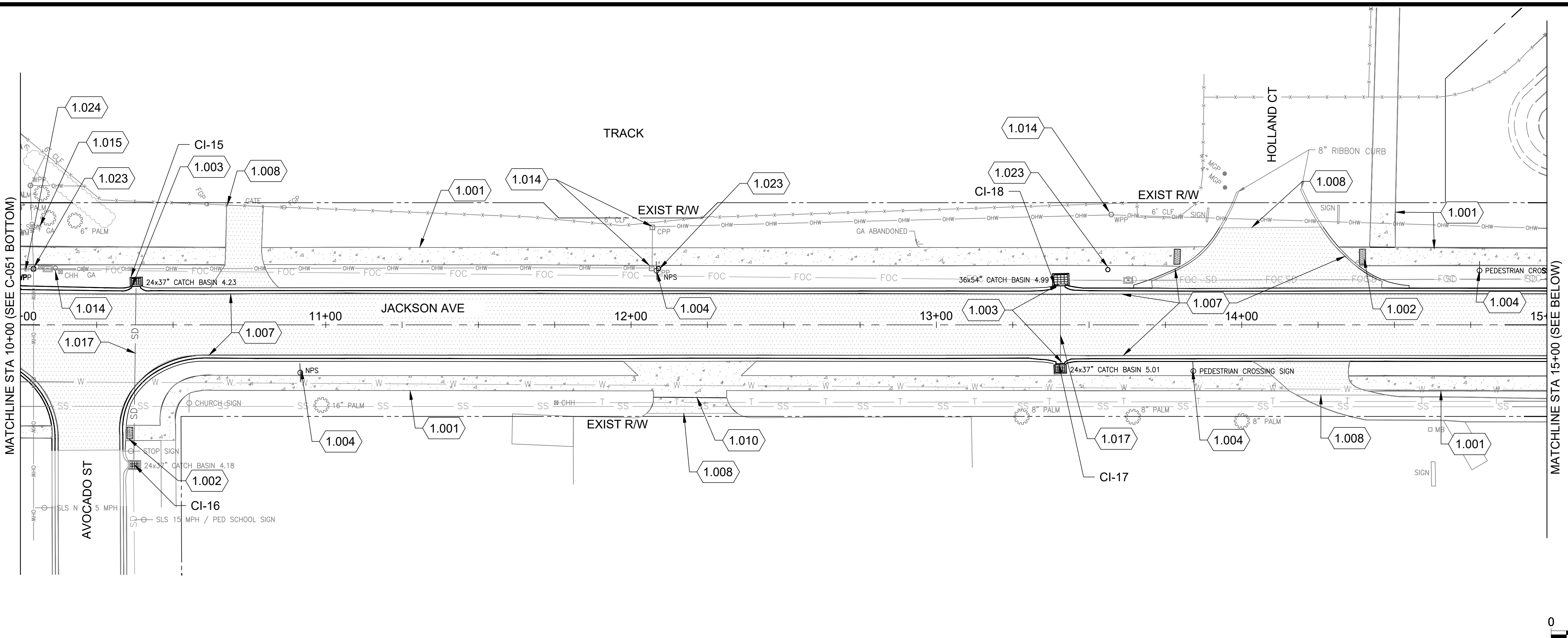
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SHEET CONTENTS  
SITE DEMOLITION PLAN

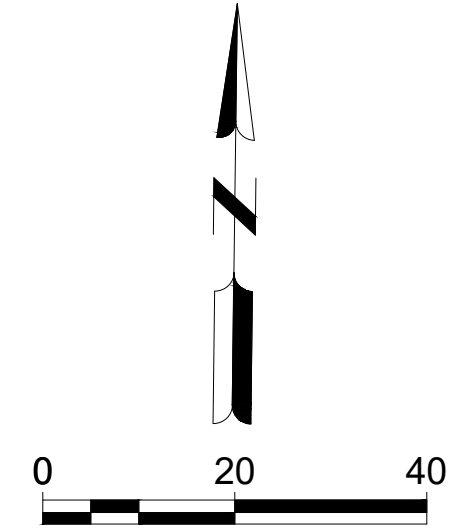
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- KEYED NOTES:**
- 1.001 DEMOLISH CONCRETE SIDEWALK
  - 1.002 DEMOLISH RAMP WARNING FIELD
  - 1.003 REMOVE AND REPLACE INLET TOP
  - 1.004 REMOVE SIGN AND POST
  - 1.005 DEMOLISH TREE / SHRUB
  - 1.007 DEMOLISH CURB
  - 1.008 DEMOLISH ASPHALT DRIVEWAY
  - 1.009 DEMOLISH GRAVEL
  - 1.010 DEMOLISH CONCRETE DRIVEWAY
  - 1.014 EXISTING UTILITY POLE
  - 1.015 EXISTING GUY ANCHOR
  - 1.017 REMOVE AND REPLACE STORM PIPE
  - 1.023 FPL TO REMOVE POWER POLE PER UWS
  - 1.024 AT&T TO REMOVE SERVICES



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UNITED METHODIST CHURCH  
450 LEE AVE



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ISSUED 03/20/26 IFC SET

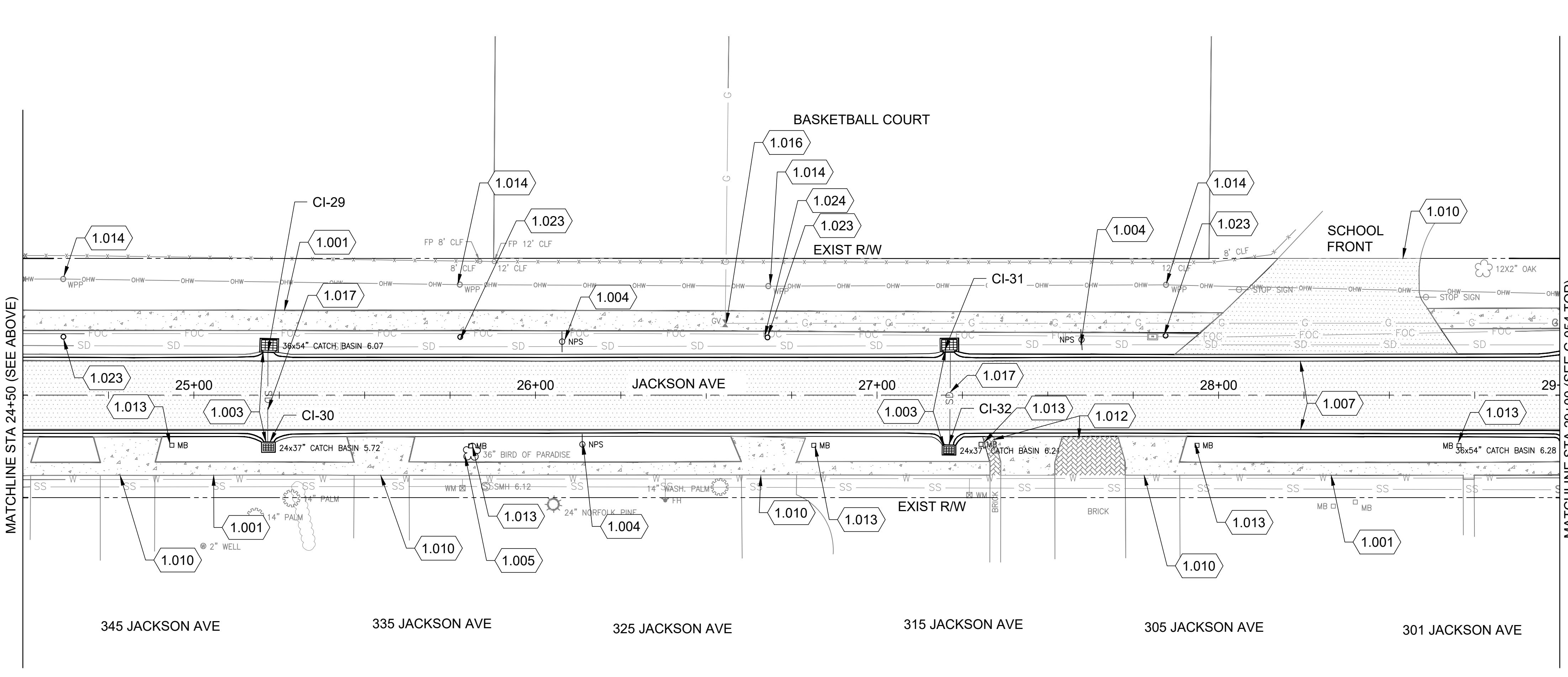
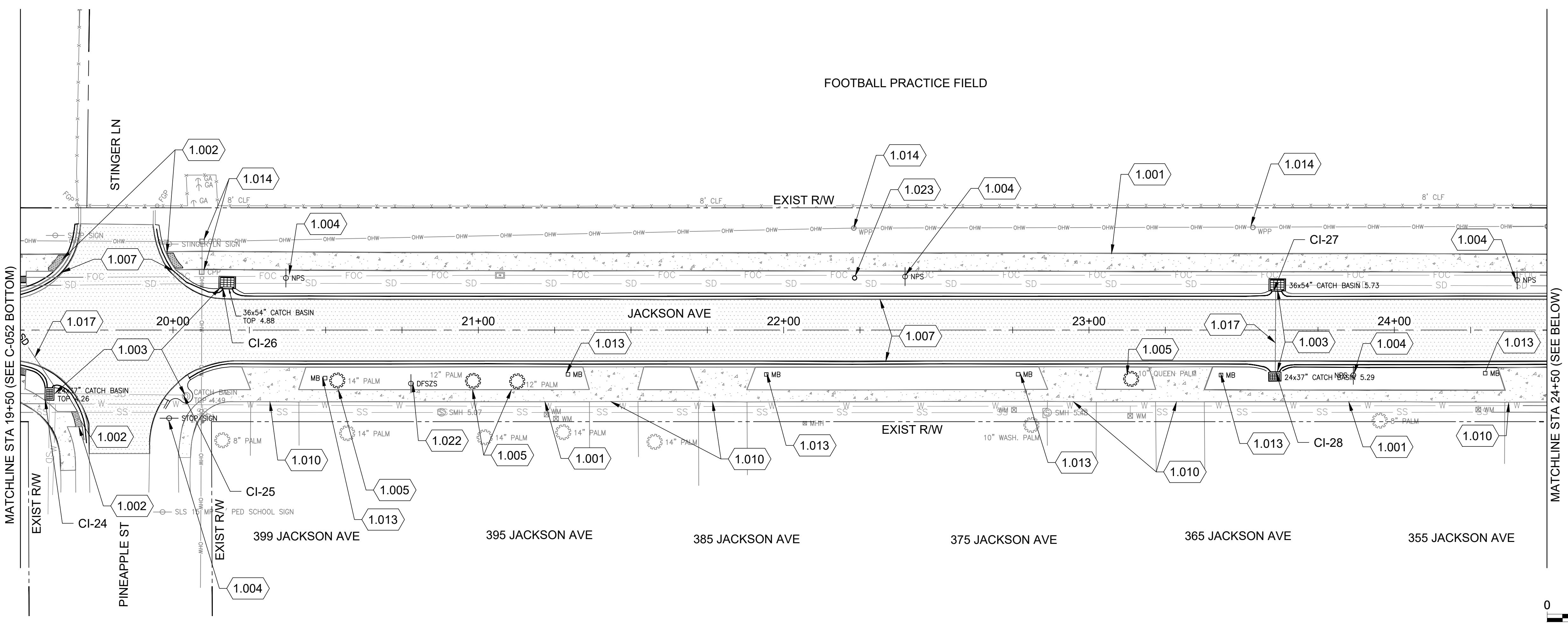
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DATE: MARCH 2026  
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SHEET CONTENTS  
SITE DEMOLITION  
PLAN

SHEET NO.

# C-053

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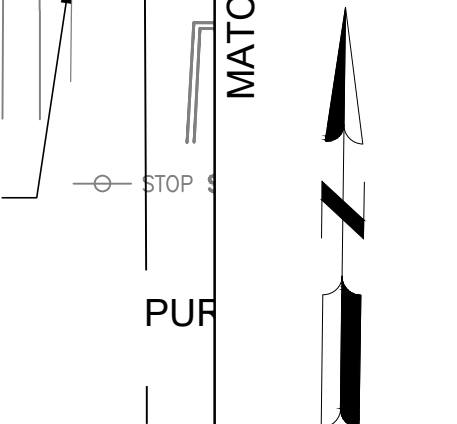
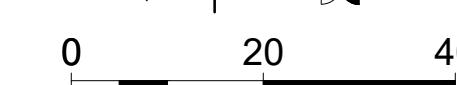
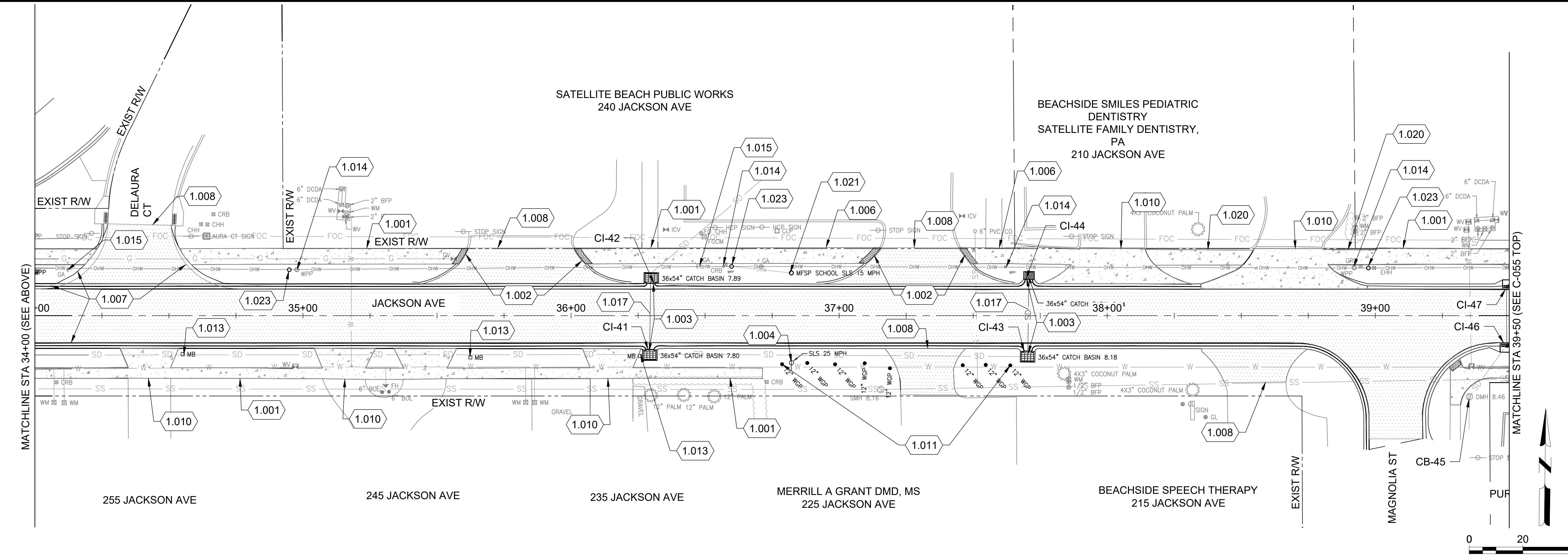
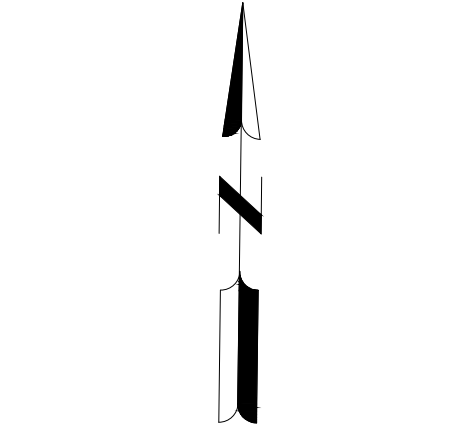
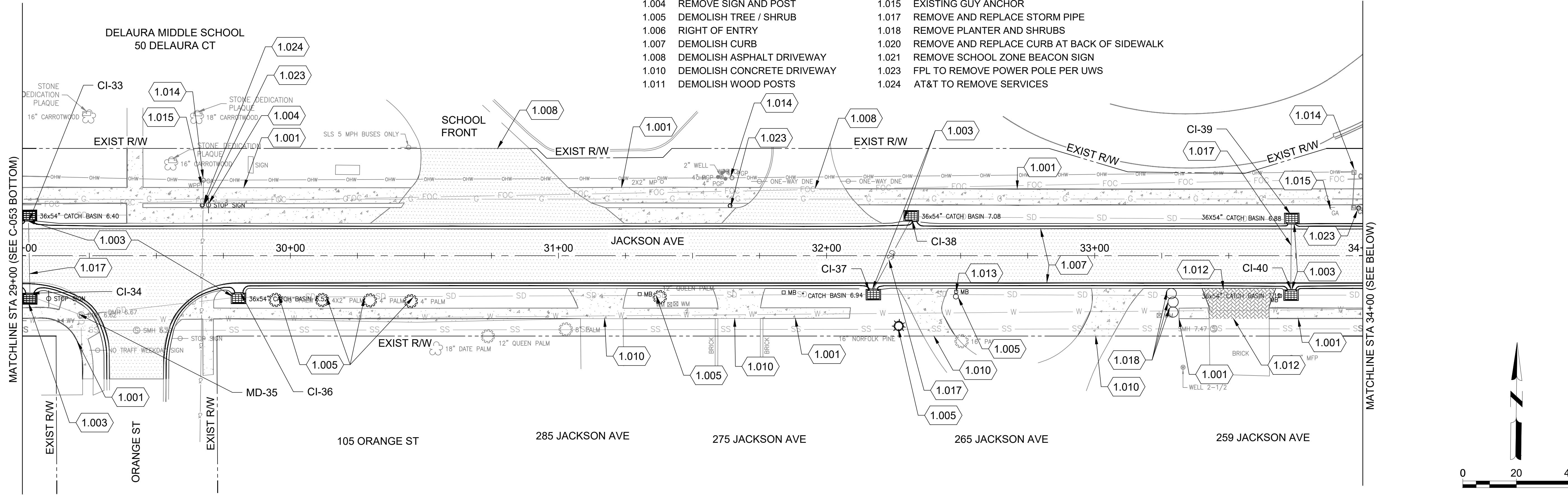


- KEYED NOTES:**
- 1.001 DEMOLISH CONCRETE SIDEWALK
  - 1.002 DEMOLISH RAMP WARNING FIELD
  - 1.003 REMOVE AND REPLACE INLET TOP
  - 1.004 REMOVE SIGN AND POST
  - 1.005 DEMOLISH TREE / SHRUB
  - 1.007 DEMOLISH CURB
  - 1.010 DEMOLISH CONCRETE DRIVEWAY
  - 1.012 REMOVE AND SALVAGE BRICKS
  - 1.013 TEMPORARY RELOCATE MAILBOX
  - 1.014 EXISTING UTILITY POLE
  - 1.016 EXISTING GAS VALVE TO REMAIN
  - 1.017 REMOVE AND REPLACE STORM PIPE
  - 1.022 REMOVE DRUG FREE ZONE SIGN AND RETURN TO OWNER
  - 1.023 FPL TO REMOVE POWER POLE PER UWS
  - 1.024 AT&T TO REMOVE SERVICES

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KEYED NOTES:

- 1.001 DEMOLISH CONCRETE SIDEWALK
- 1.002 DEMOLISH RAMP WARNING FIELD
- 1.003 REMOVE AND REPLACE INLET TOP
- 1.004 REMOVE SIGN AND POST
- 1.005 DEMOLISH TREE / SHRUB
- 1.006 RIGHT OF ENTRY
- 1.007 DEMOLISH CURB
- 1.008 DEMOLISH ASPHALT DRIVEWAY
- 1.010 DEMOLISH CONCRETE DRIVEWAY
- 1.011 DEMOLISH WOOD POSTS
- 1.012 REMOVE AND SALVAGE BRICKS
- 1.013 TEMPORARY RELOCATE MAILBOX
- 1.014 EXISTING UTILITY POLE
- 1.015 EXISTING GUY ANCHOR
- 1.017 REMOVE AND REPLACE STORM PIPE
- 1.018 REMOVE PLANTER AND SHRUBS
- 1.020 REMOVE AND REPLACE CURB AT BACK OF SIDEWALK
- 1.021 REMOVE SCHOOL ZONE BEACON SIGN
- 1.023 FPL TO REMOVE POWER POLE PER UWS
- 1.024 AT&T TO REMOVE SERVICES



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED: 03/20/26 IFC SET

M&H NO: 1000716-172392.03  
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SHEET CONTENTS  
 SITE DEMOLITION PLAN

SHEET NO.

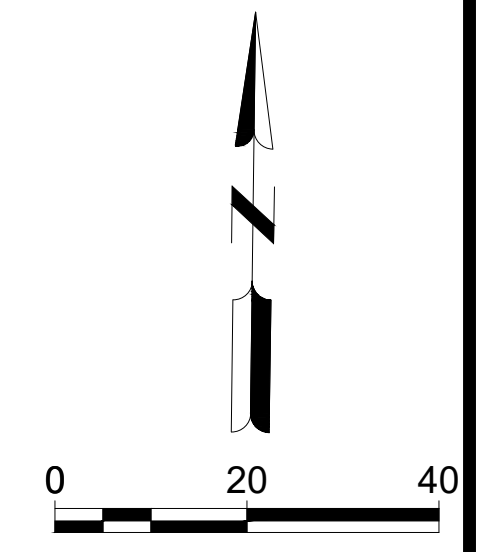
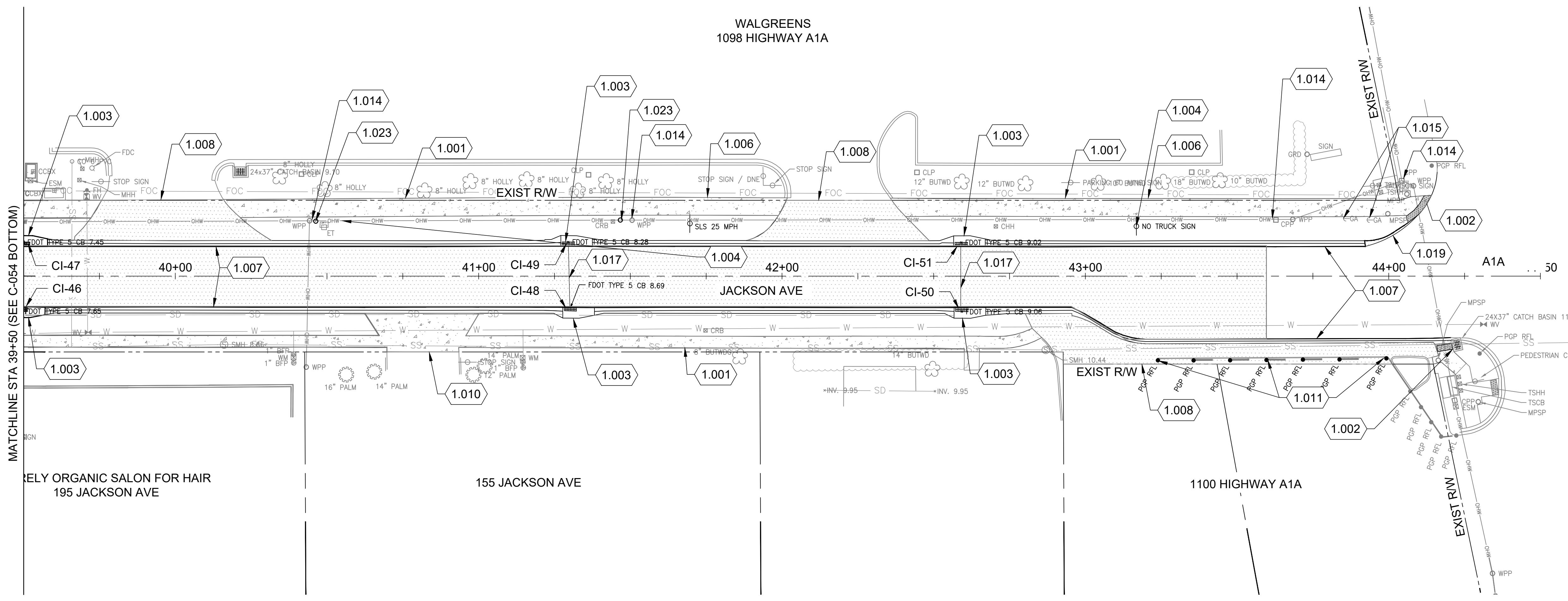
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- KEYED NOTES:**
- 1.001 DEMOLISH CONCRETE SIDEWALK
  - 1.002 DEMOLISH RAMP WARNING FIELD
  - 1.003 REMOVE AND REPLACE INLET TOP
  - 1.004 REMOVE SIGN AND POST
  - 1.006 RIGHT OF ENTRY
  - 1.007 DEMOLISH CURB
  - 1.008 DEMOLISH ASPHALT DRIVEWAY
  - 1.010 DEMOLISH CONCRETE DRIVEWAY
  - 1.011 DEMOLISH WOOD POSTS
  - 1.014 EXISTING UTILITY POLE
  - 1.015 EXISTING GUY ANCHOR
  - 1.017 REMOVE AND REPLACE STORM PIPE
  - 1.019 REMOVE ASPHALT
  - 1.023 FPL TO REMOVE POWER POLE PER UWS

**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
**SATELLITE BEACH, FL**

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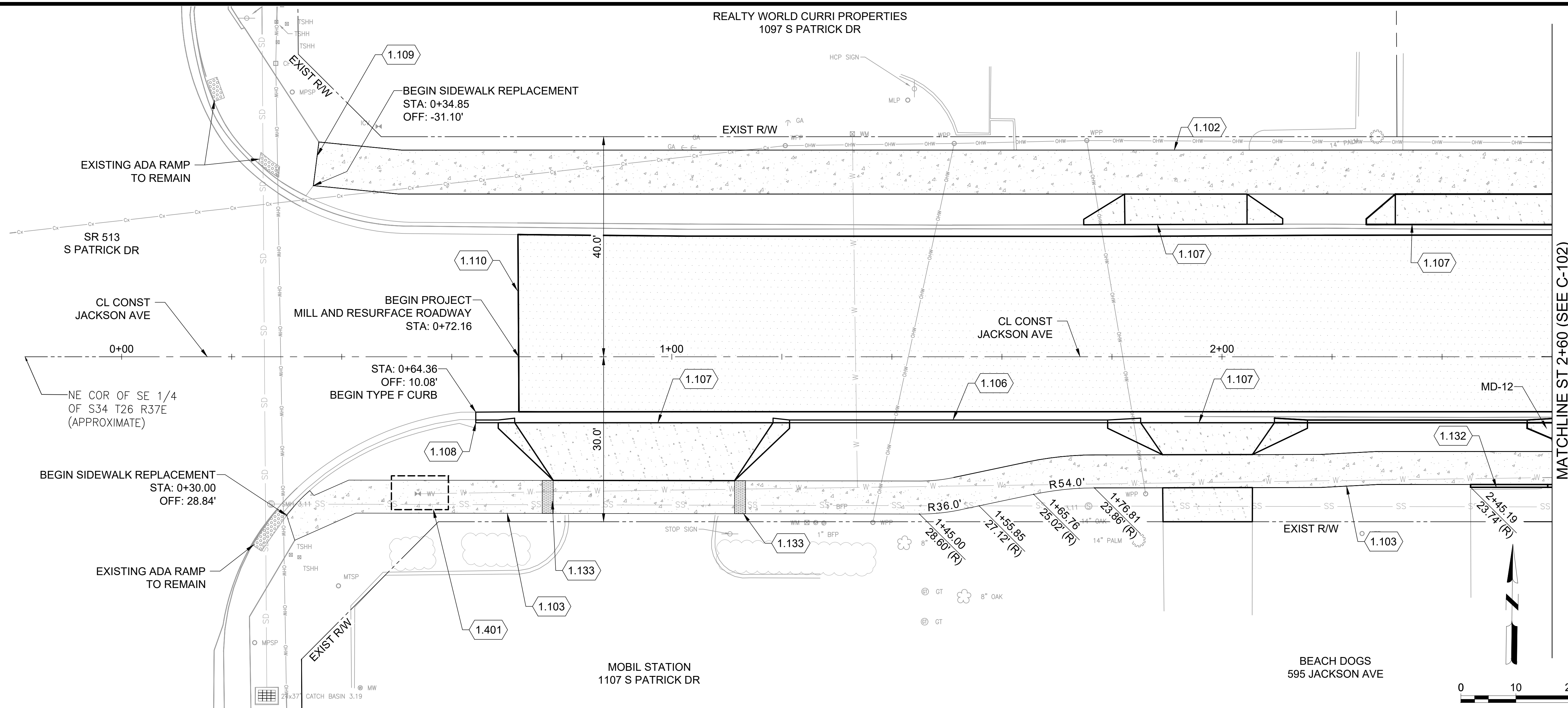
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SHEET CONTENTS  
**SITE DEMOLITION PLAN**

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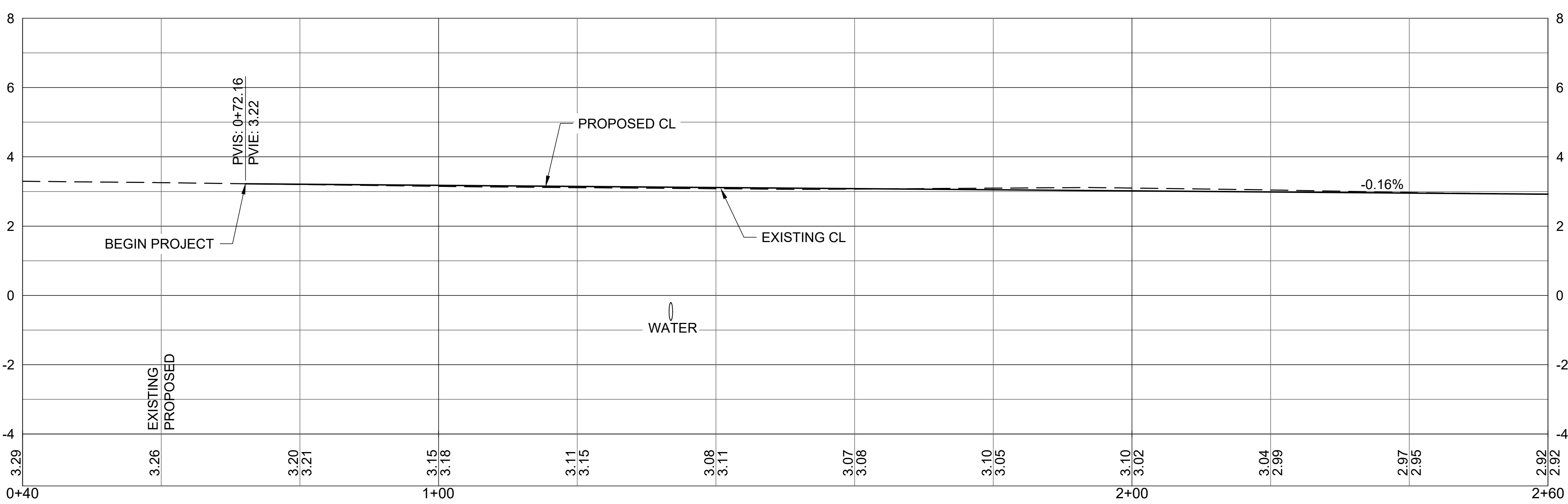
**C-055**

REALTY WORLD CURRI PROPERTIES  
1097 S PATRICK DR



- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.108 TRANSITION CURB TO MATCH EXISTING
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.132 TYPE D CURB AT BACK OF SIDEWALK FDOT INDEX 520-001 TAPER END AT DRIVEWAY
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.401 CITY OF MELBOURNE TO ADJUST WATER VALVE BOX PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY



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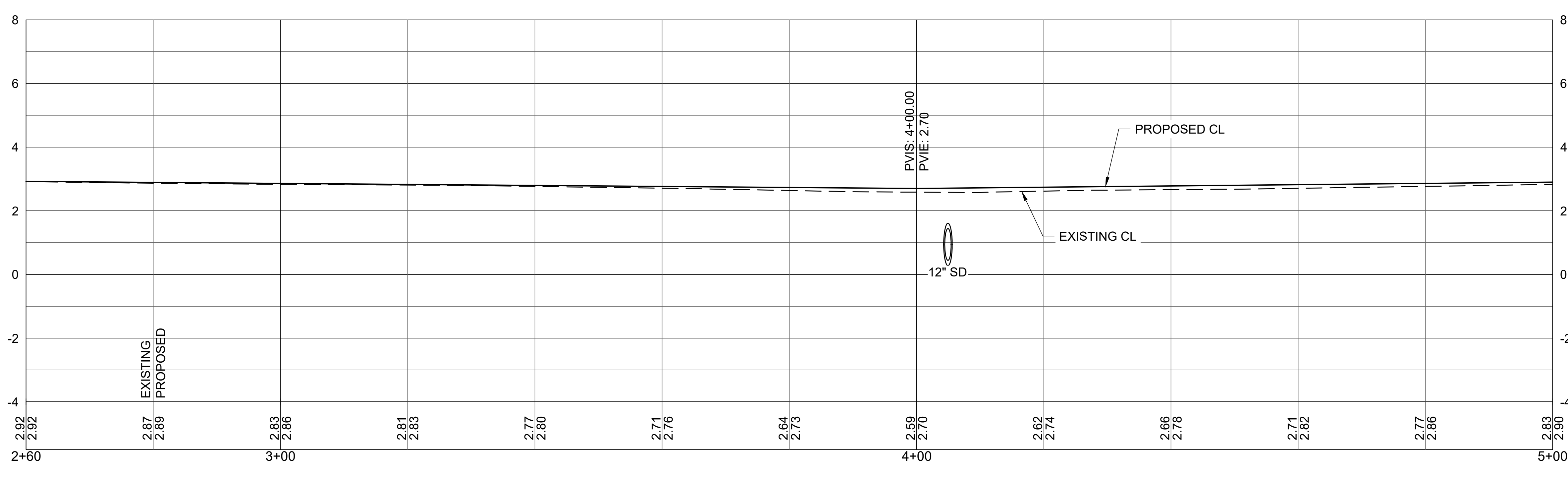
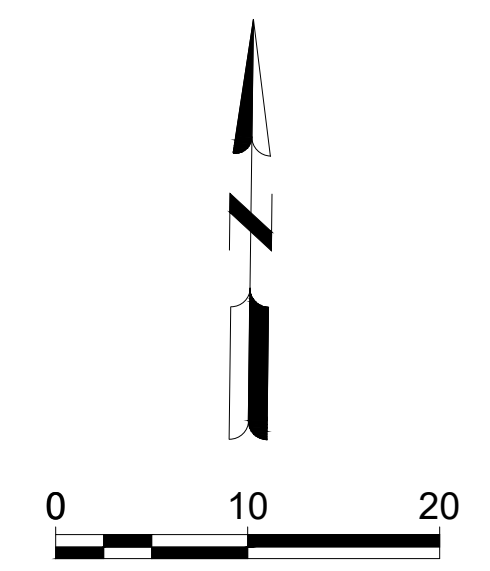
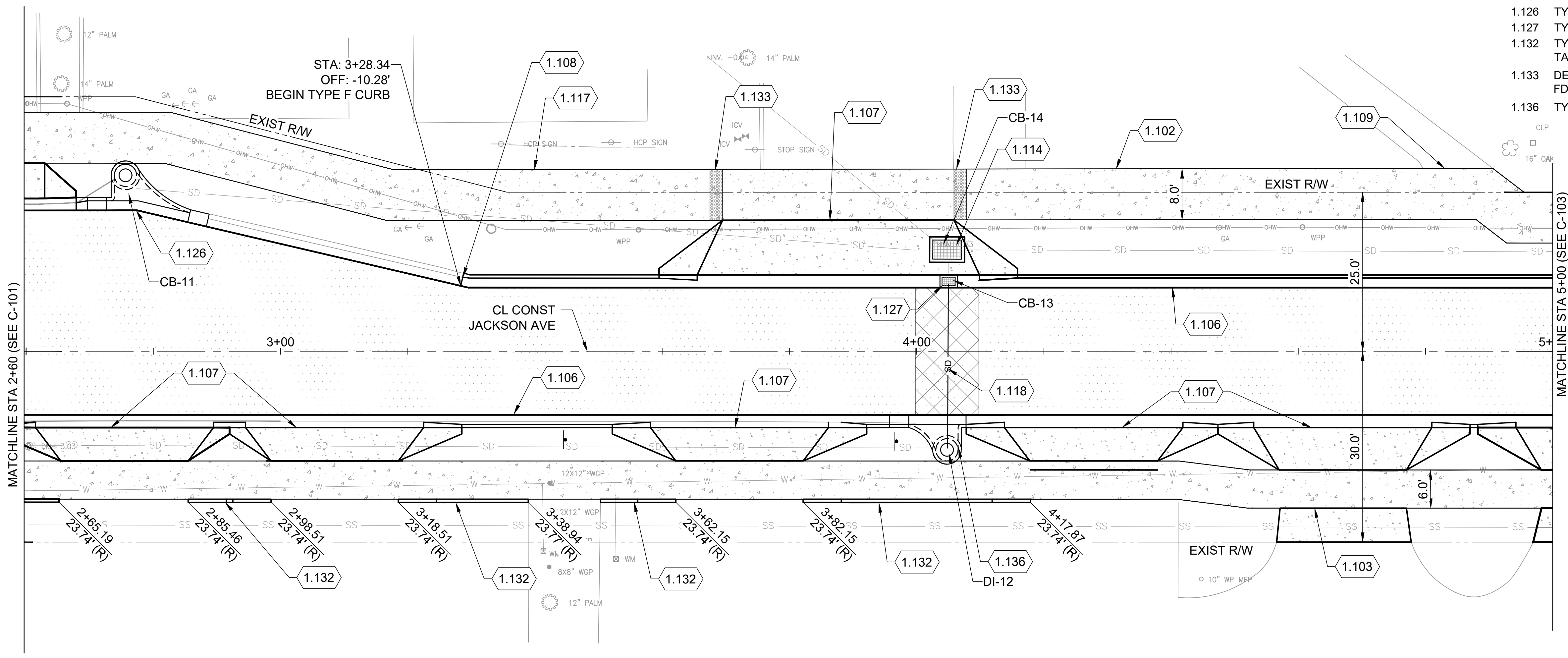
SHEET CONTENTS  
JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-101**

- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.108 TRANSITION CURB TO MATCH EXISTING
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.114 TYPE E DITCH BOTTOM INLET FDOT INDEX 425-052
  - 1.117 CITY OWNED PROPERTY
  - 1.118 REMOVE AND REPLACE 12" RCP STORM PIPE
  - 1.126 TYPE 1 INLET TOP FDOT INDEX 425-020
  - 1.127 TYPE V INLET TOP FDOT INDEX 425-041
  - 1.132 TYPE D CURB AT BACK OF SIDEWALK FDOT INDEX 520-001 TAPER END AT DRIVEWAY
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.136 TYPE 3 INLET TOP FDOT INDEX 425-020

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT



**CITY OF SATELLITE BEACH**  
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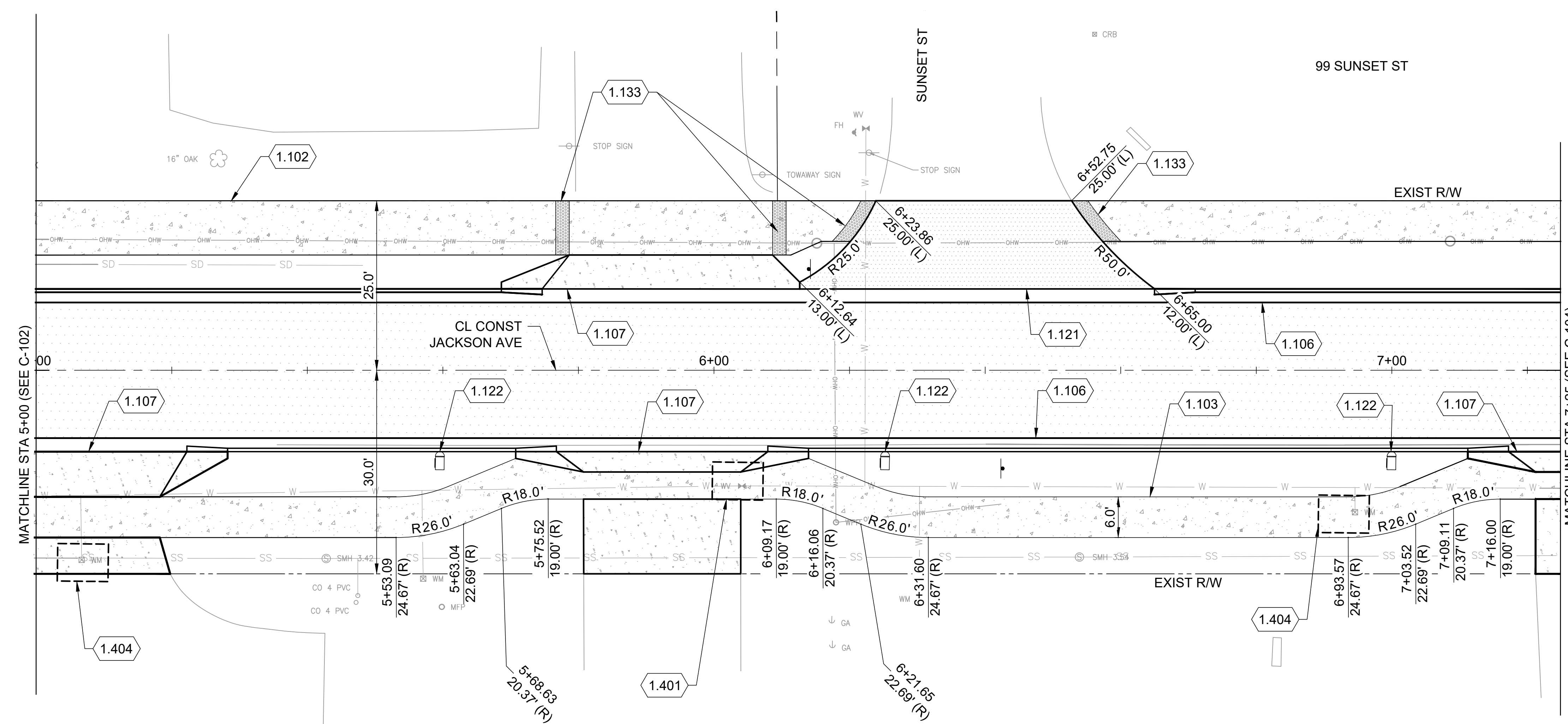
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**JACKSON AVE PLAN AND PROFILE**

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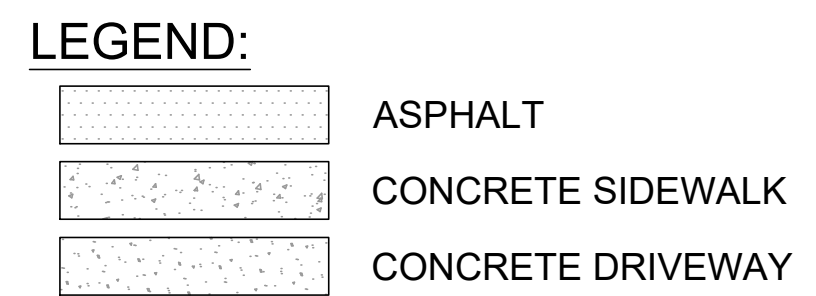
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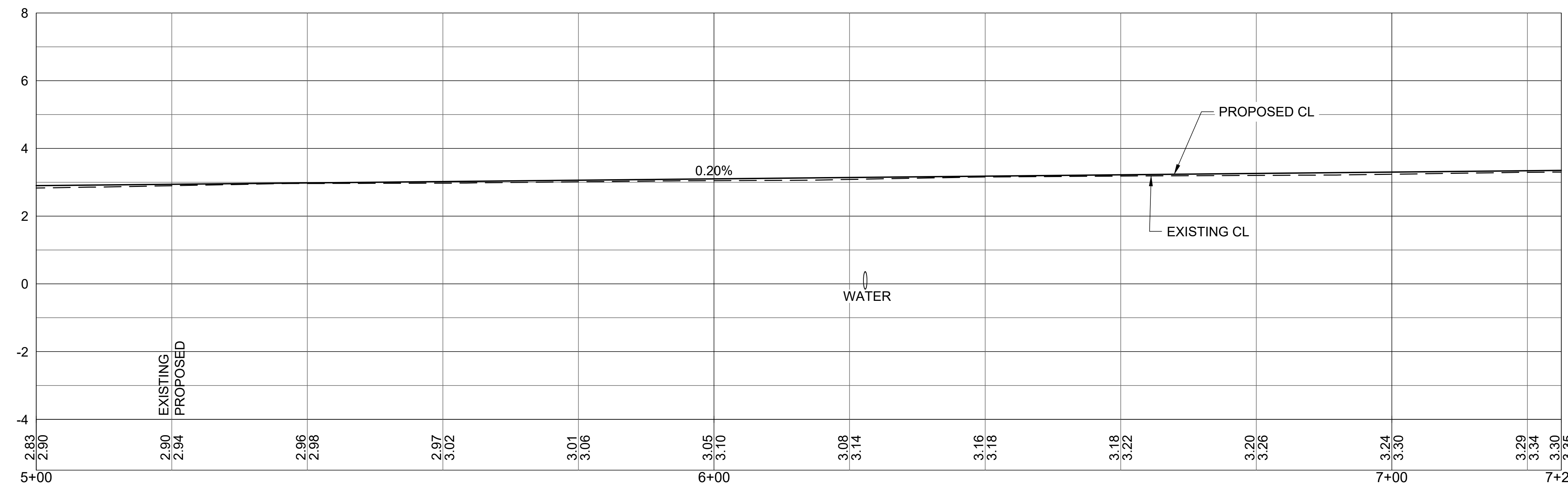
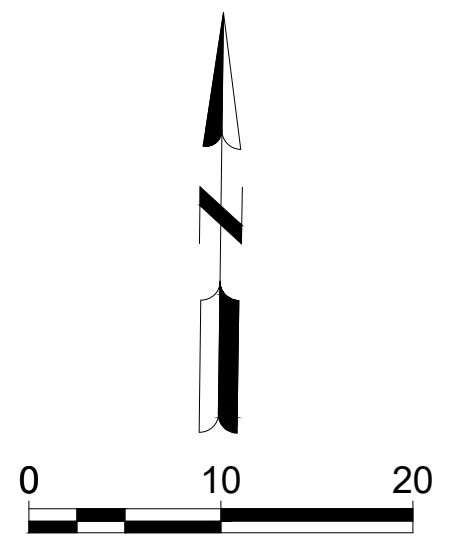


- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.121 ASPHALT DRIVEWAY
  - 1.122 MAILBOX
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.401 CITY OF MELBOURNE TO ADJUST WATER VALVE BOX PER SIGNED UWS
  - 1.404 CITY OF MELBOURNE TO ADJUST WATER METER(S) PER SIGNED UWS



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 FROM SR 513 TO A1A  
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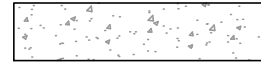

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SHEET CONTENTS  
**JACKSON AVE PLAN  
 AND PROFILE**

SHEET NO.

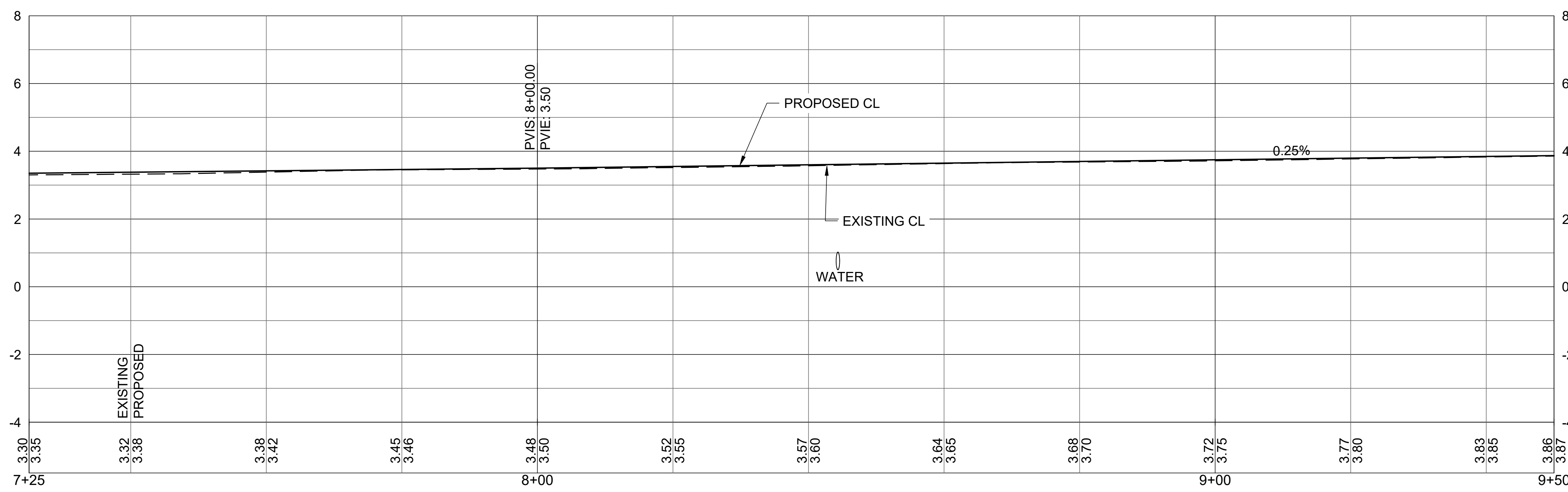
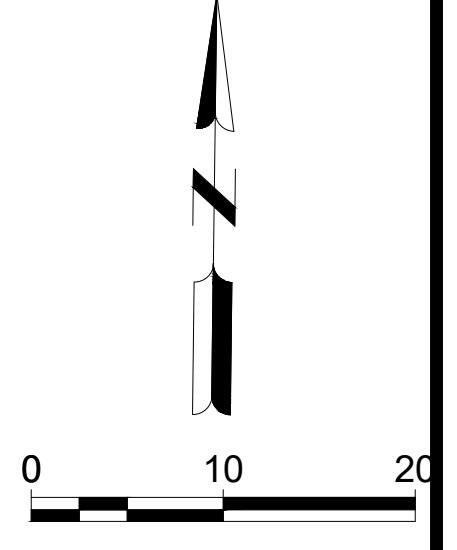
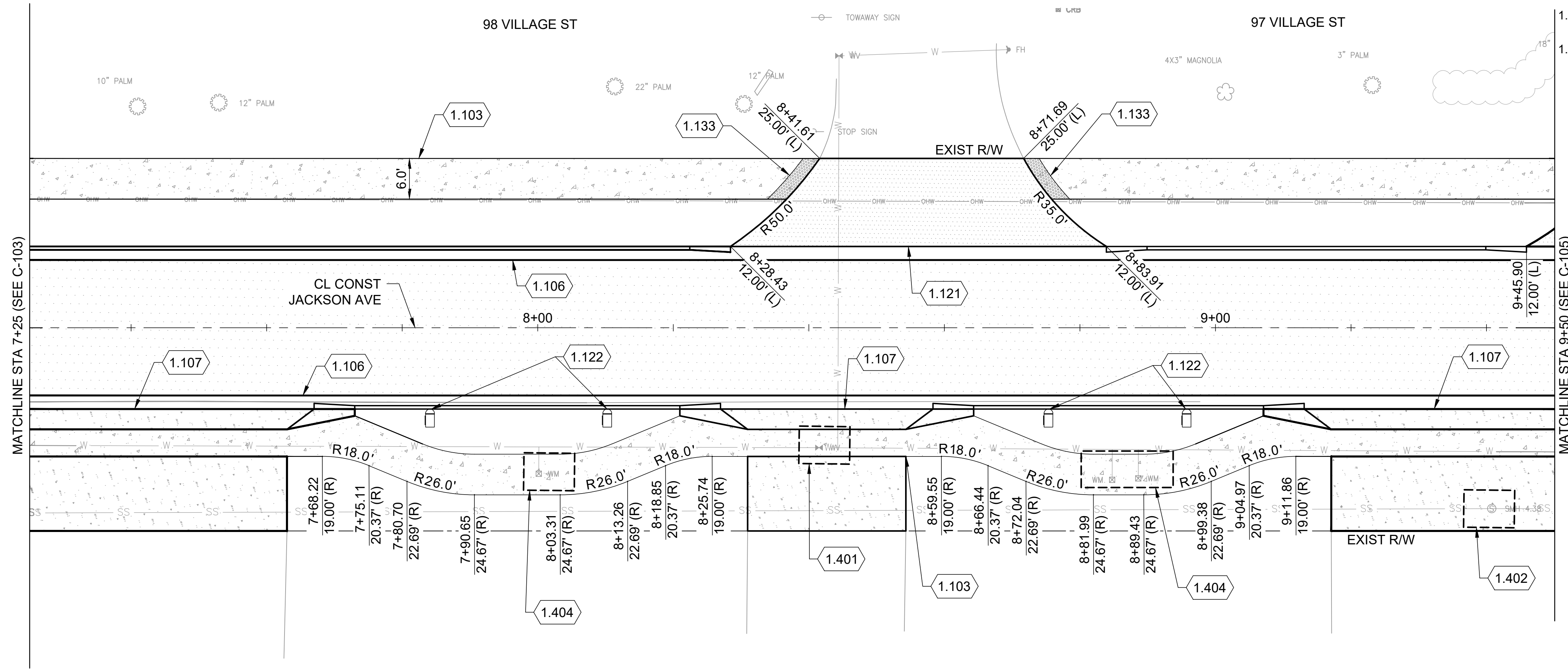
**C-103**

- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.121 ASPHALT DRIVEWAY
  - 1.122 MAILBOX
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.401 CITY OF MELBOURNE TO ADJUST WATER VALVE BOX PER SIGNED UWS
  - 1.402 BREVARD COUNTY WATER RESOURCES TO ADJUST MANHOLE LID PER SIGNED UWS
  - 1.404 CITY OF MELBOURNE TO ADJUST WATER METER(S) PER SIGNED UWS

- LEGEND:**
-  ASPHALT
  -  CONCRETE SIDEWALK
  -  CONCRETE DRIVEWAY



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**CITY OF SATELLITE BEACH**  
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**FROM SR 513 TO A1A**  
SATELLITE BEACH, FL

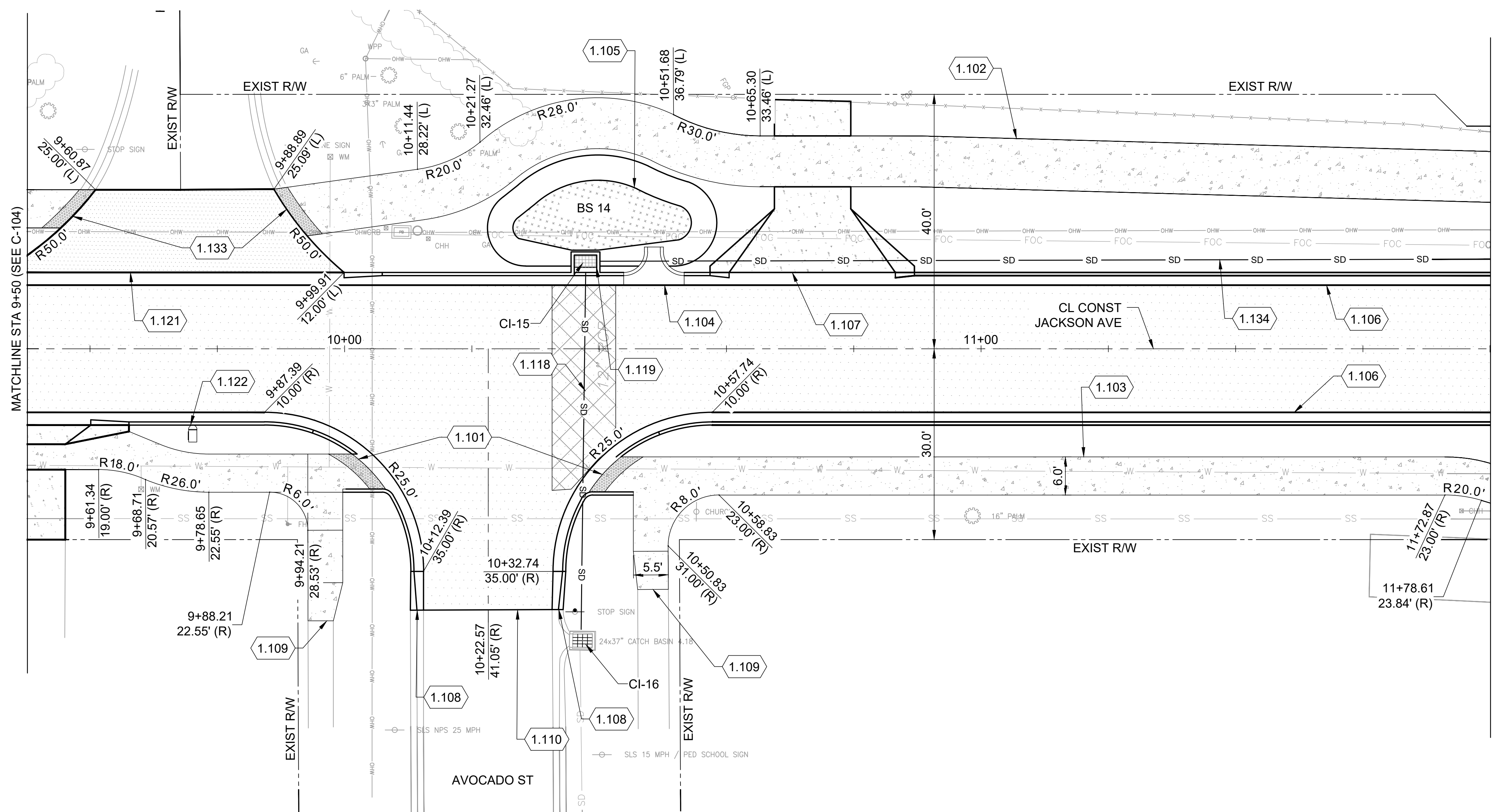
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SHEET CONTENTS  
JACKSON AVE PLAN AND PROFILE

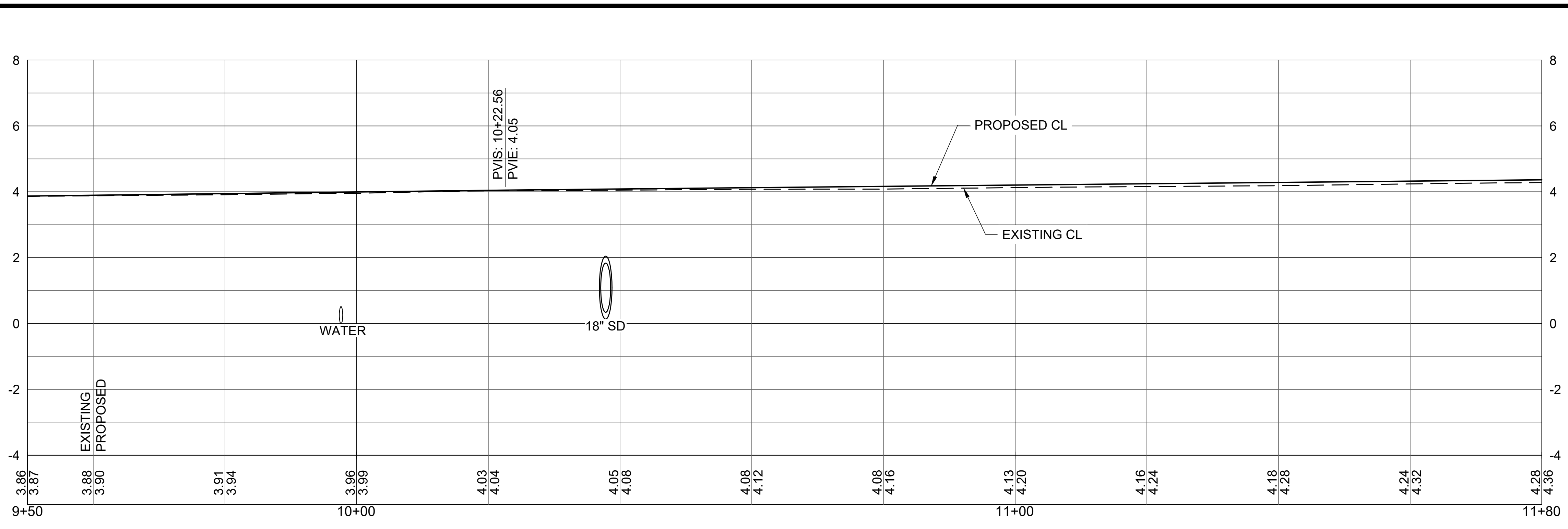
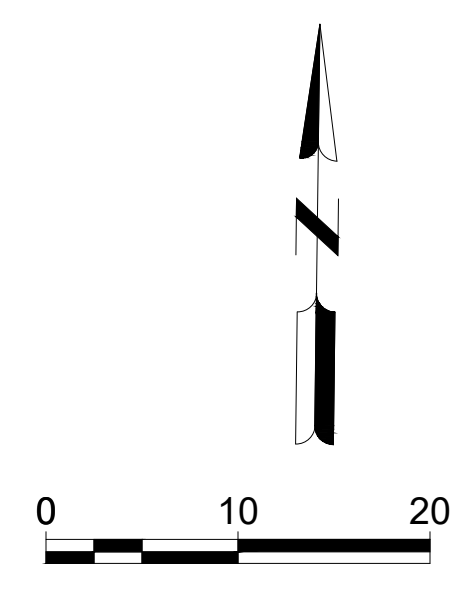
SHEET NO.

**C-104**



- KEYED NOTES:**
- 1.101 TYPE CR-F CURB RAMP FDOT INDEX 522-002
  - 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.108 TRANSITION CURB TO MATCH EXISTING
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.118 REMOVE AND REPLACE 12" RCP STORM PIPE
  - 1.119 24x37 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.121 ASPHALT DRIVEWAY
  - 1.122 MAILBOX
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.134 298 LF OF 18" RCP STORM PIPE

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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**CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL**

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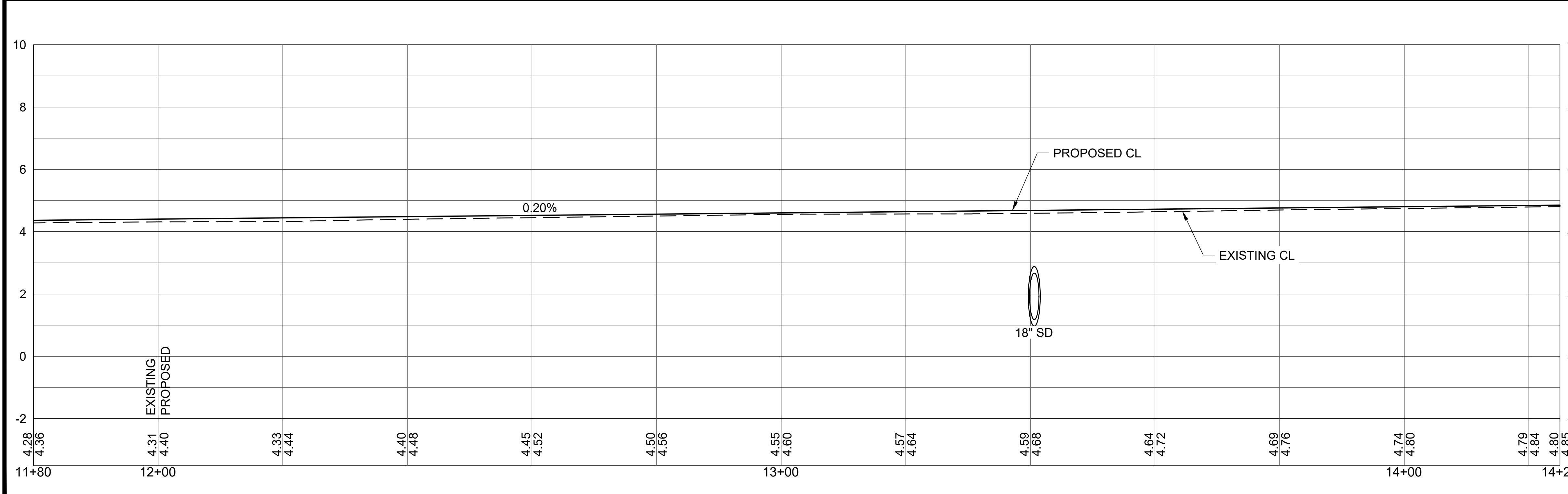
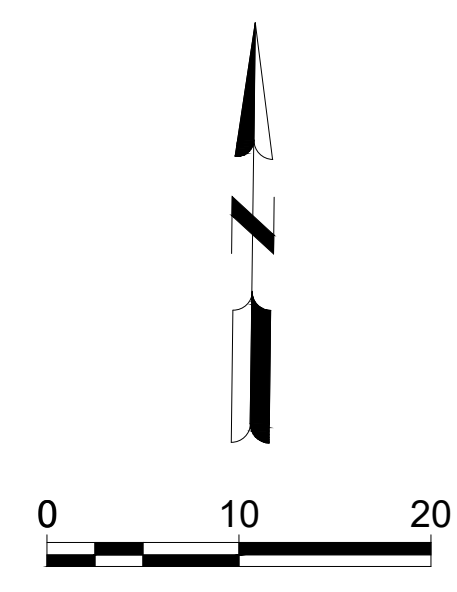
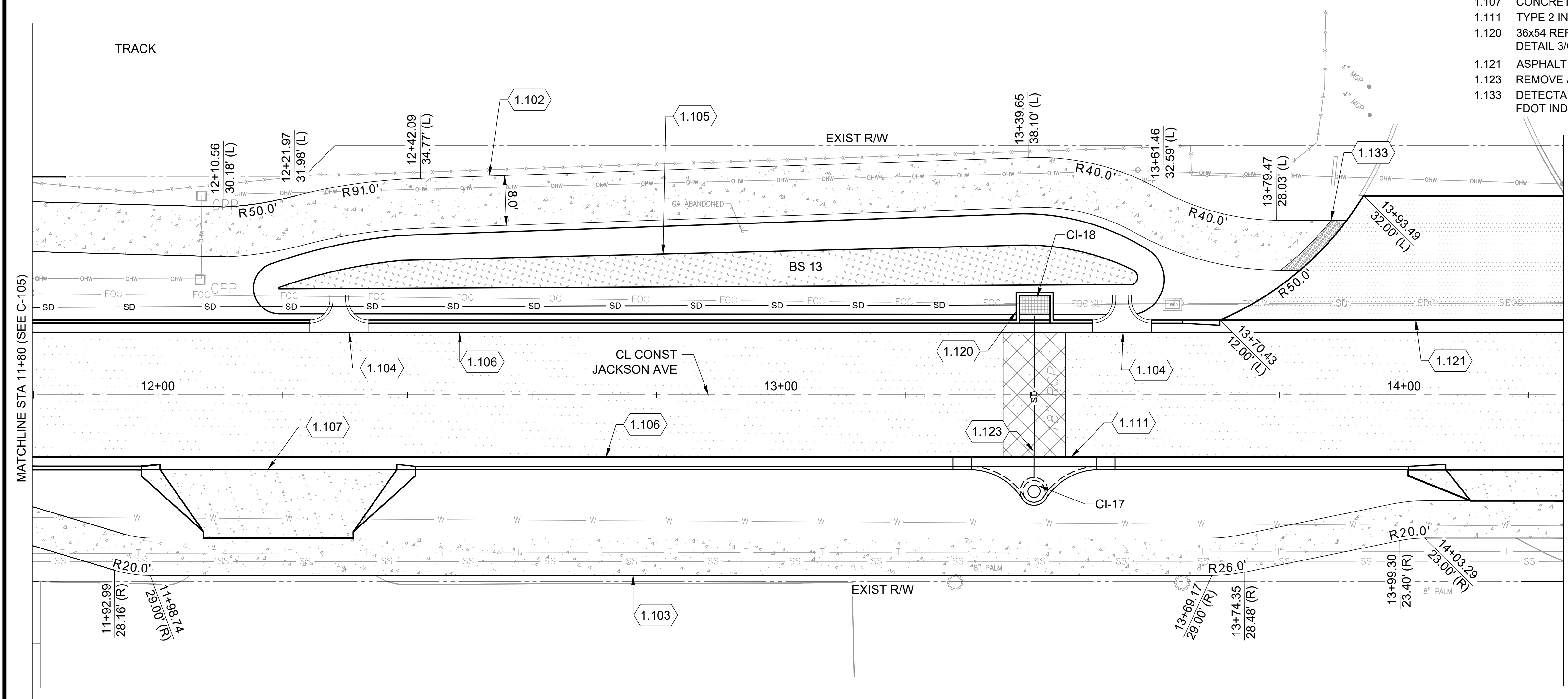
**C-105**

- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.121 ASPHALT DRIVEWAY
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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FROM SR 513 TO A1A  
SATELLITE BEACH, FL

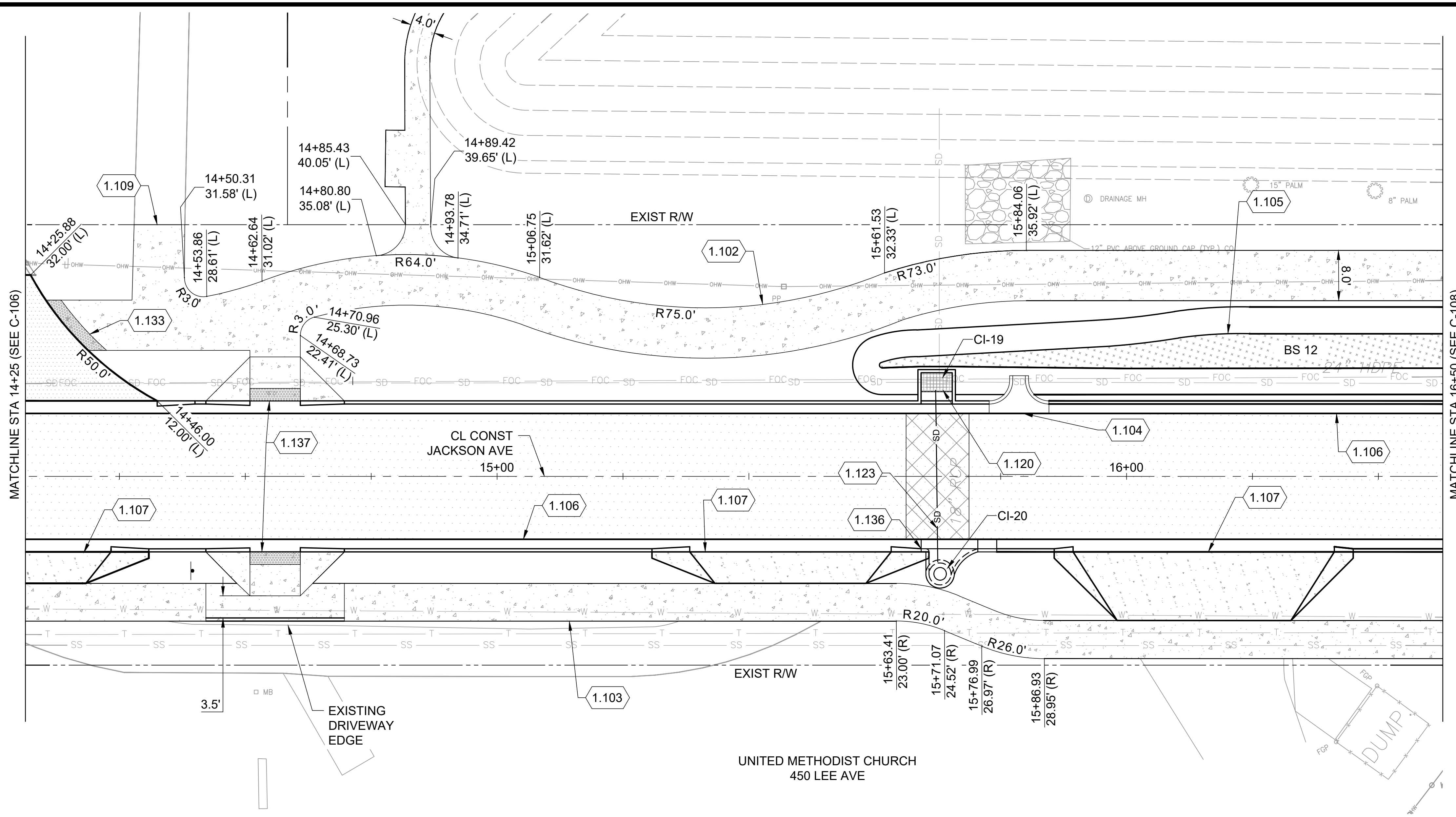
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SHEET NO.

C-106

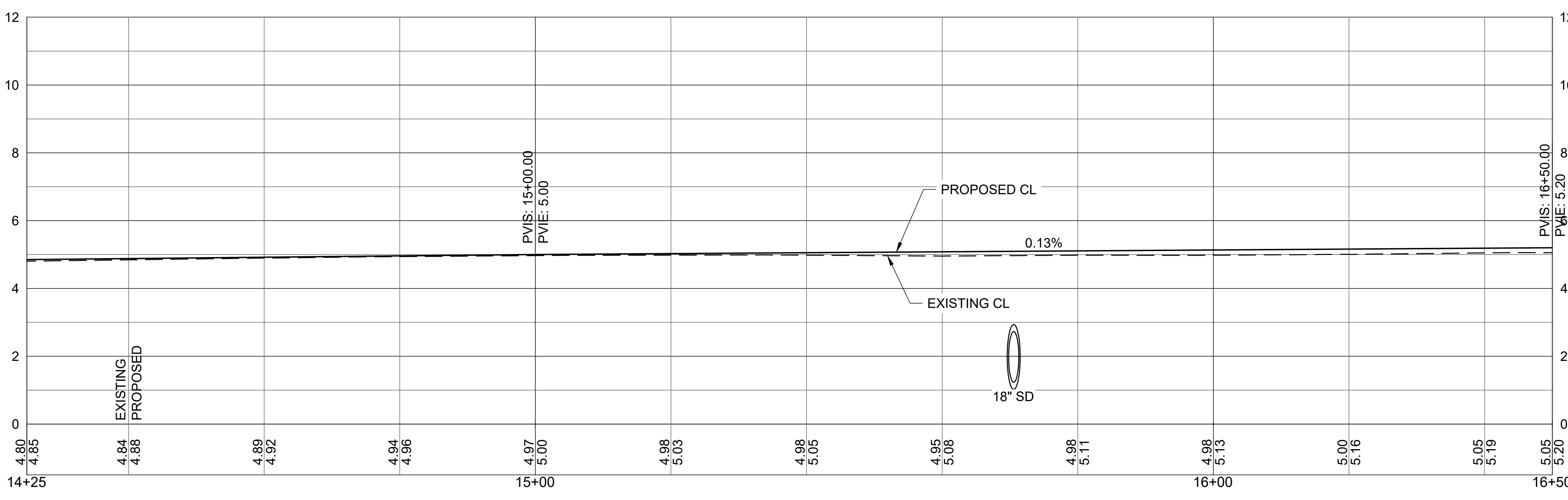
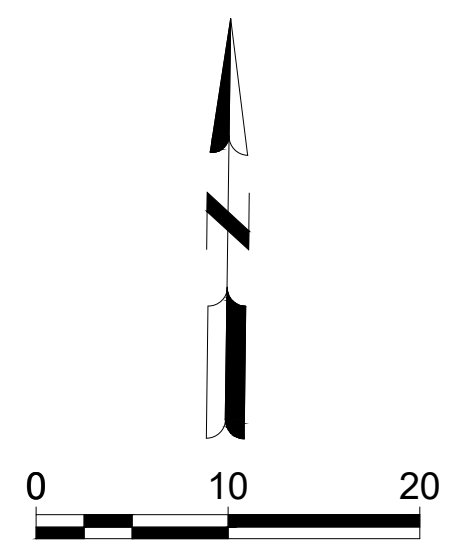


- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.136 TYPE 3 INLET TOP FDOT INDEX 425-020
  - 1.137 TYPE CR-A CURB RAMP FDOT INDEX 522.002

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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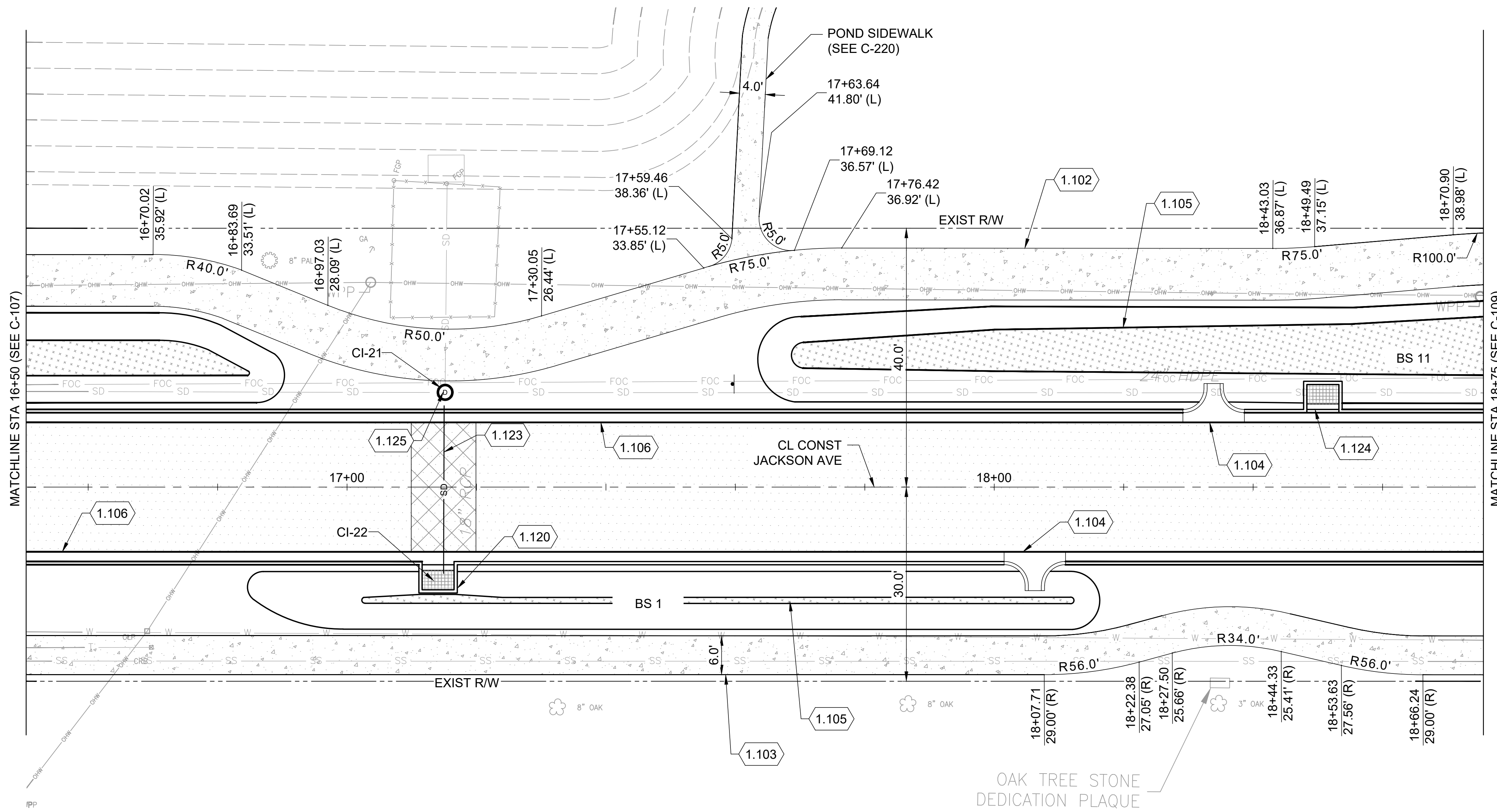
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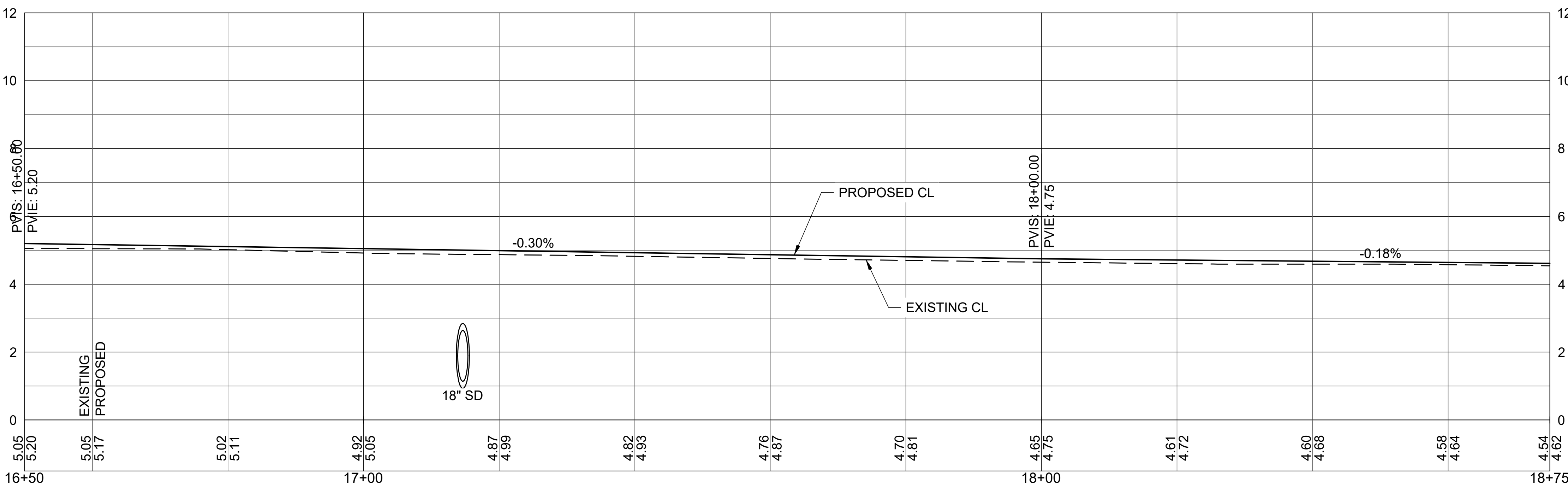
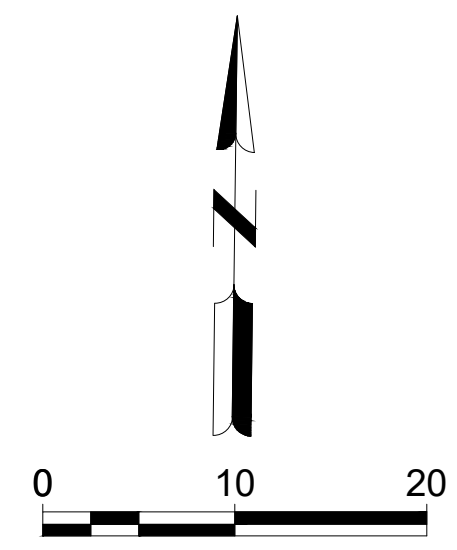
SHEET NO.

**C-107**



- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.124 36x54 STRUCTURE WITH HOODED INLET FDOT INDEX 425-052 CONSTRUCTION DETAIL 3/C-501
  - 1.125 REPLACE STRUCTURE TOP TO SOLID COVER MANHOLE FDOT INDEX 425-001

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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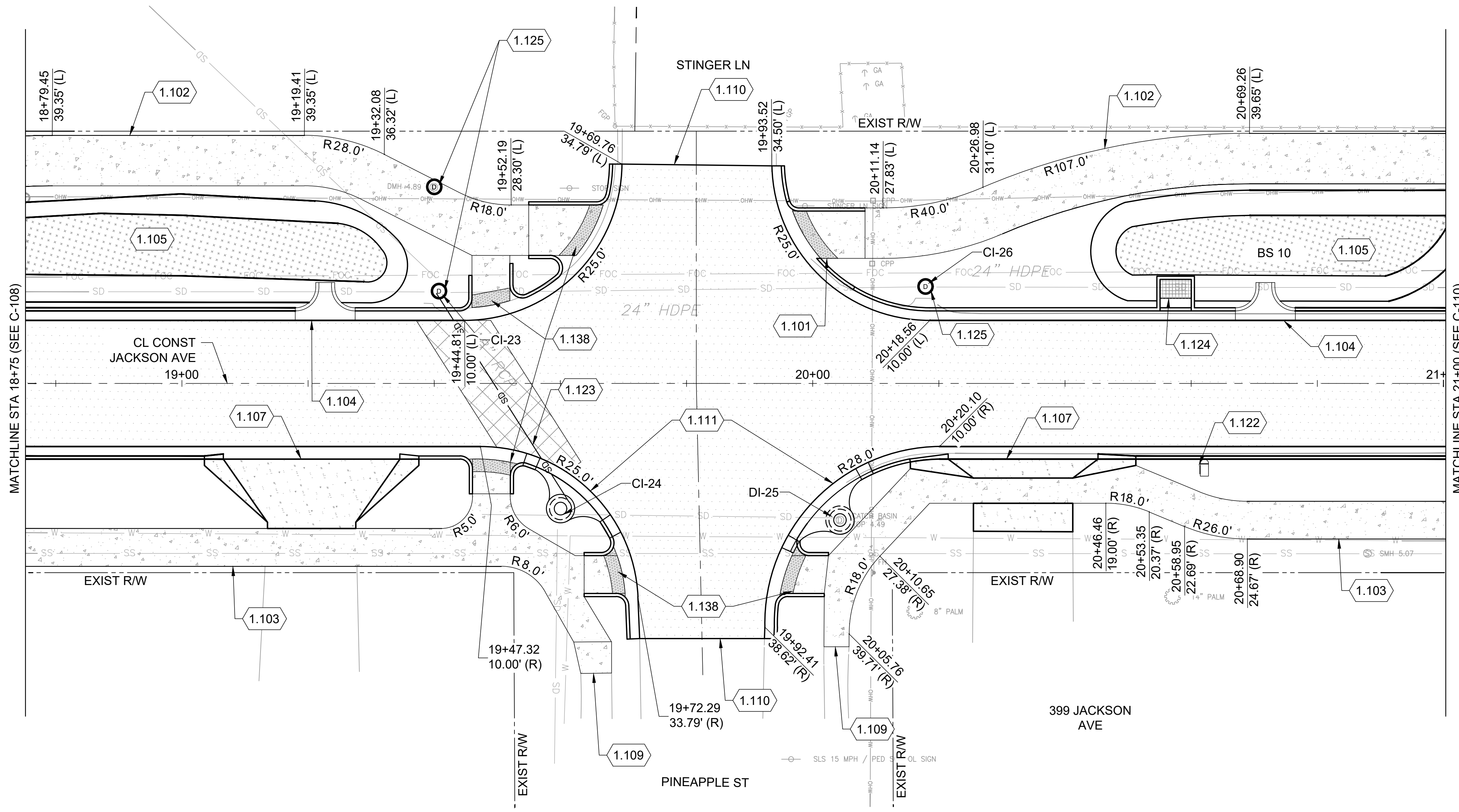
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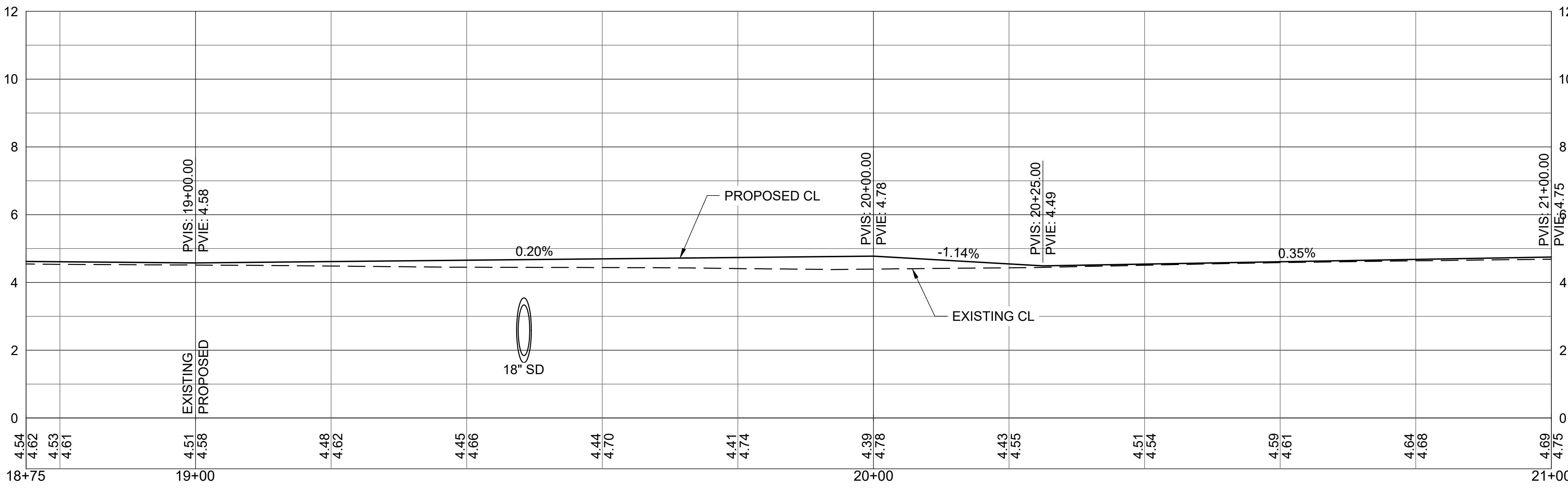
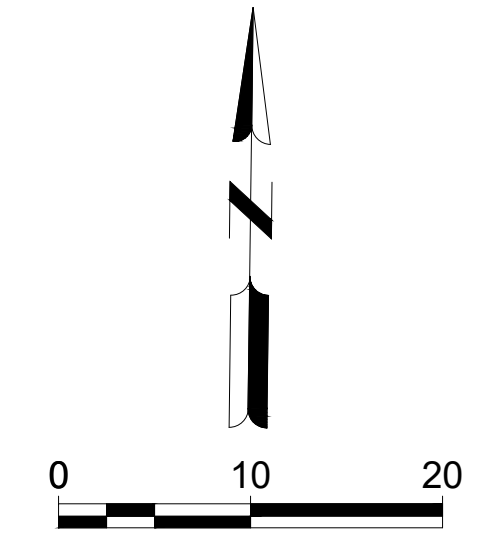
SHEET NO.

**C-108**



- KEYED NOTES:**
- 1.101 TYPE CR-F CURB RAMP FDOT INDEX 522-002
  - 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.122 MAILBOX
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.124 36x54 STRUCTURE WITH HOODED INLET FDOT INDEX 425-052 CONSTRUCTION DETAIL 3/C-501
  - 1.125 REPLACE STRUCTURE TOP TO SOLID COVER MANHOLE FDOT INDEX 425-001
  - 1.138 TYPE CR-E CURB RAMP FDOT INDEX 522-002

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

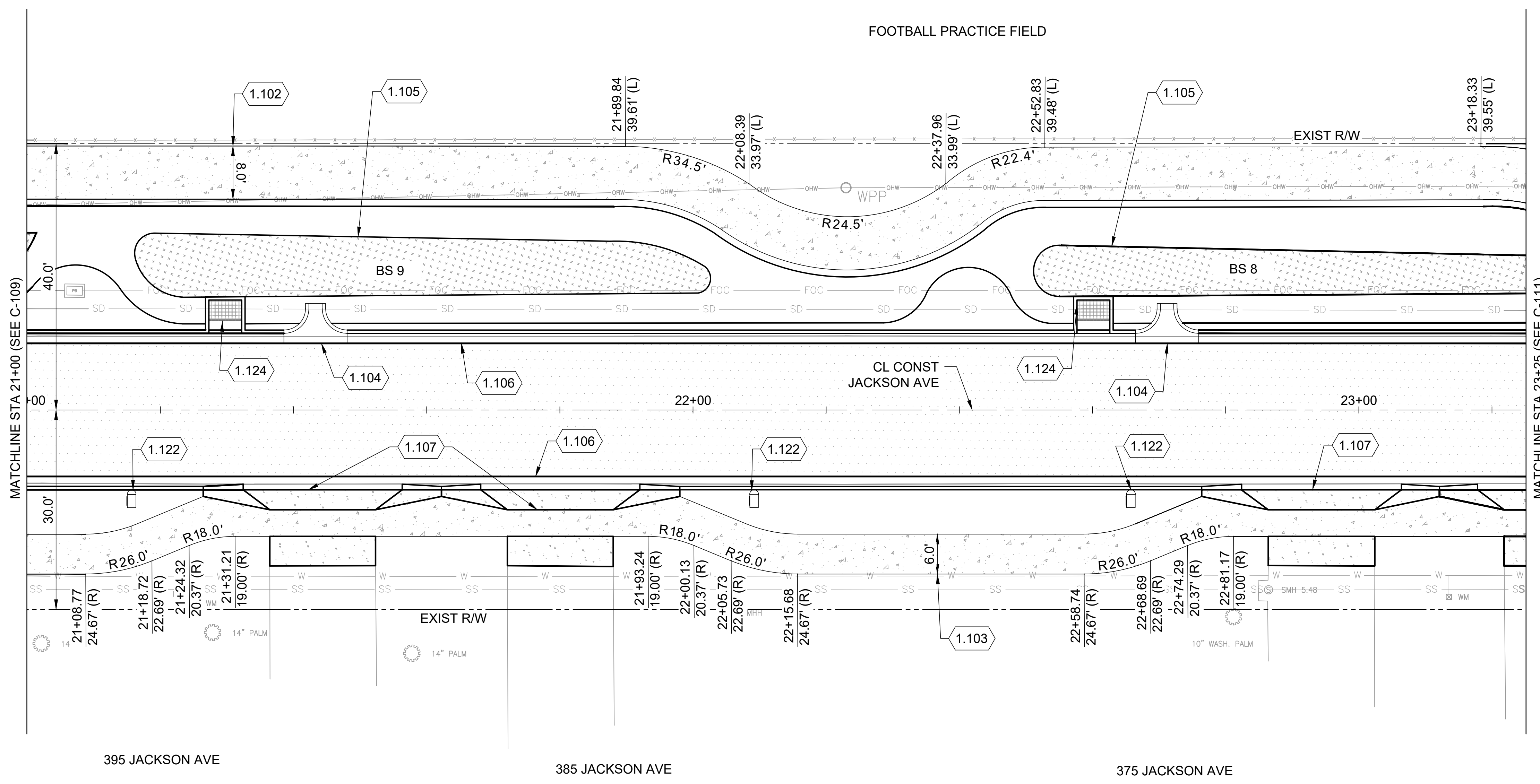
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 JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-109**



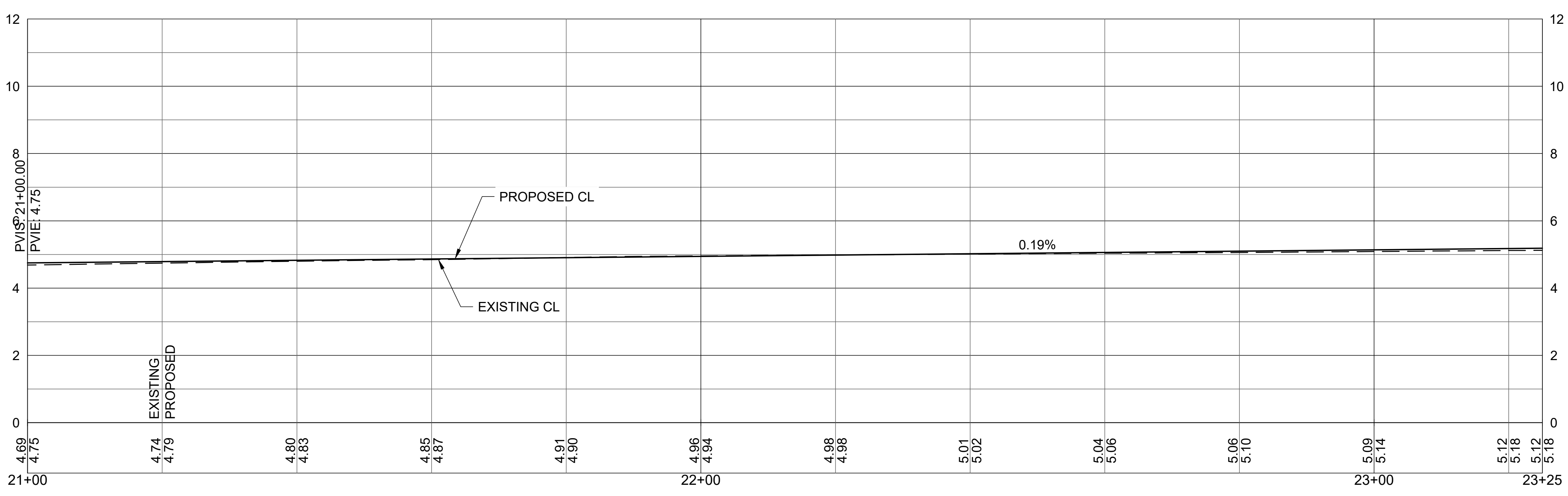
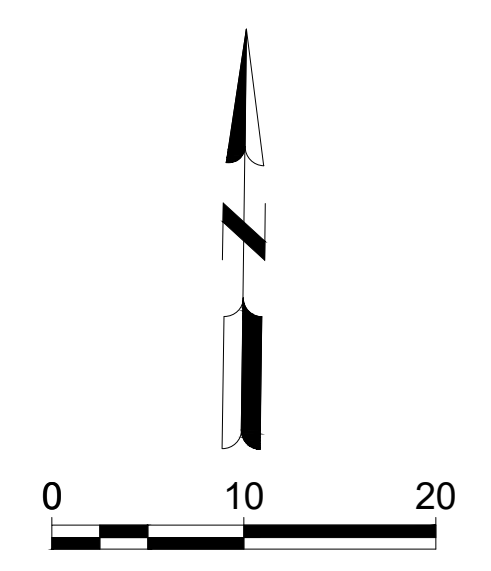
- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.122 MAILBOX
  - 1.124 36x54 STRUCTURE WITH HOODED INLET FDOT INDEX 425-052 CONSTRUCTION DETAIL 3/C-501

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - BIOSWALE

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**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

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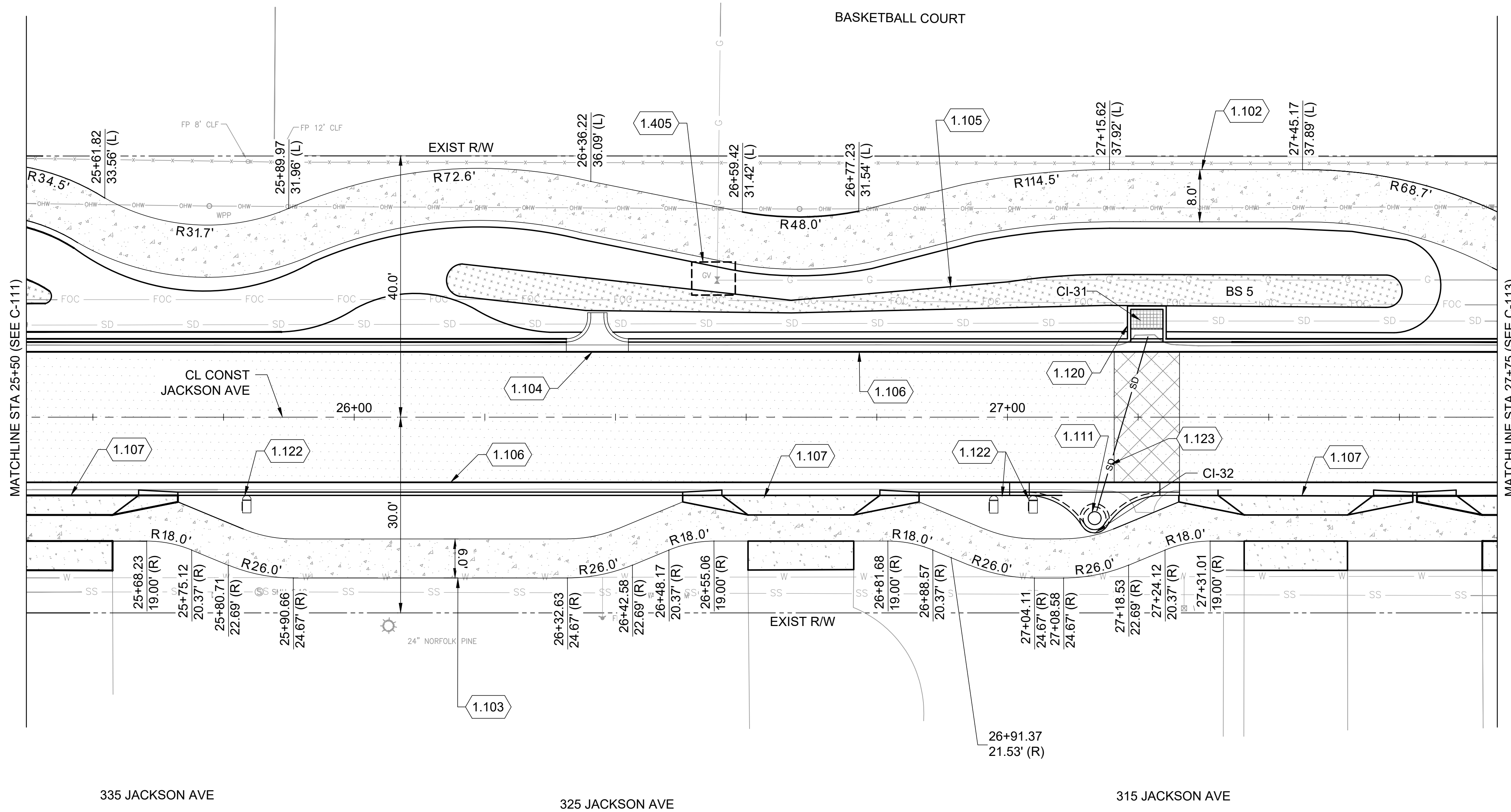
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SHEET NO.

**C-110**

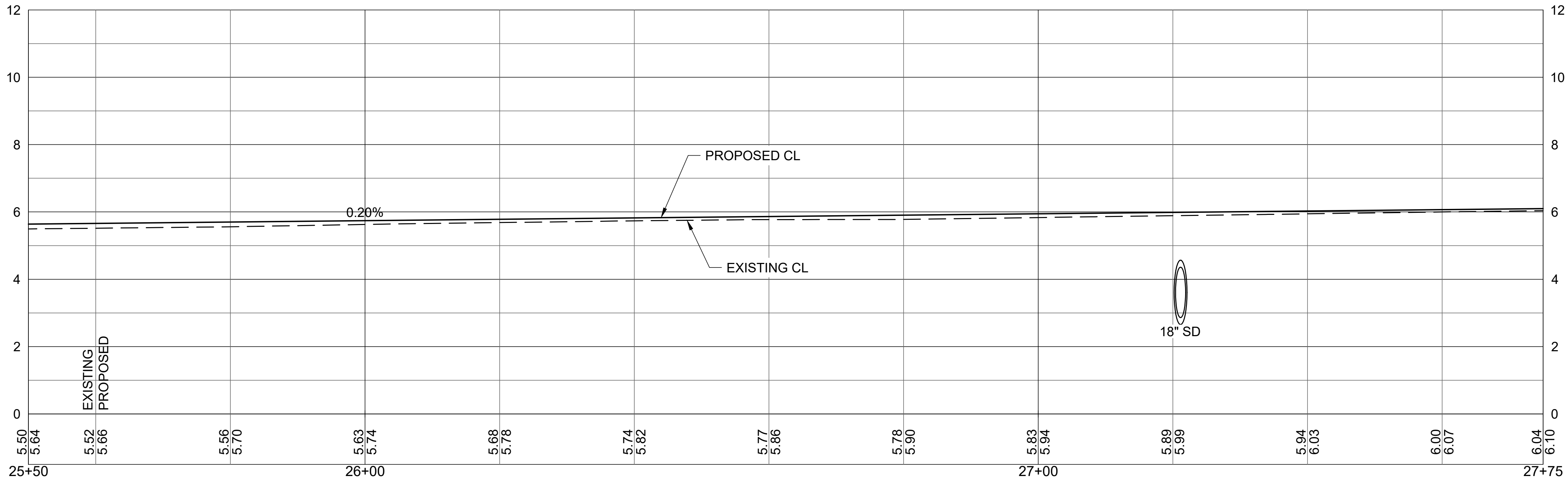
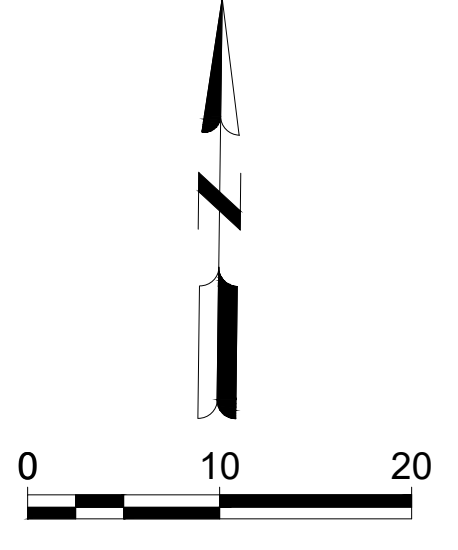




- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.122 MAILBOX
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.405 FLORIDA CITY GAS TO ADJUST GAS VALVE PER SIGNED UWS

**LEGEND:**

- ASPHALT
- CONCRETE SIDEWALK
- CONCRETE DRIVEWAY
- PIPE REMOVAL AND REPLACEMENT
- BIOSWALE



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**FROM SR 513 TO A1A**  
**SATELLITE BEACH, FL**

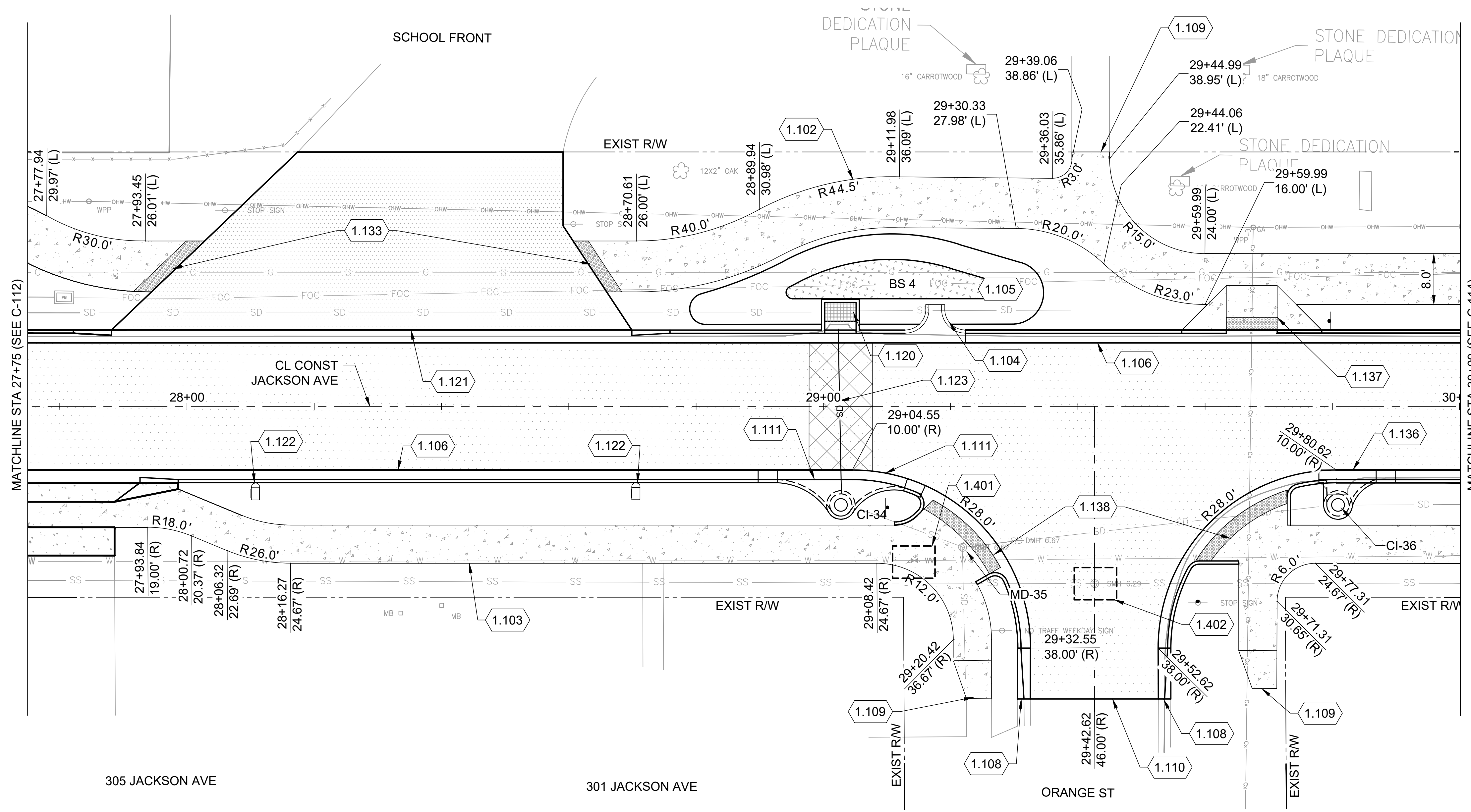
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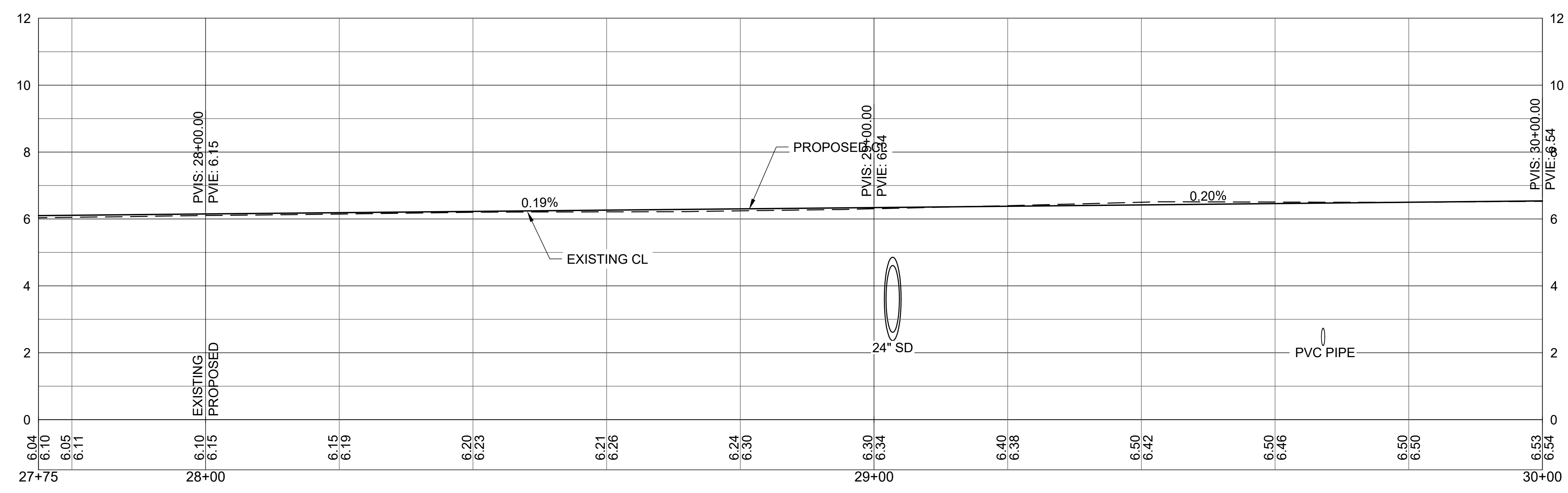
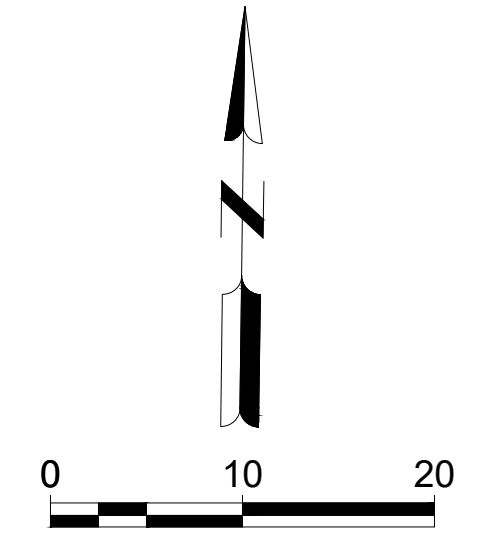
SHEET NO.

**C-112**



- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.108 TRANSITION CURB TO MATCH EXISTING
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.121 ASPHALT DRIVEWAY
  - 1.122 MAILBOX
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.136 TYPE 3 INLET TOP FDOT INDEX 425-020
  - 1.137 TYPE CR-A CURB RAMP FDOT INDEX 522.002
  - 1.138 TYPE CR-E CURB RAMP FDOT INDEX 522-002
  - 1.401 CITY OF MELBOURNE TO ADJUST WATER VALVE BOX PER SIGNED UWS
  - 1.402 BREVARD COUNTY WATER RESOURCES TO ADJUST MANHOLE LID PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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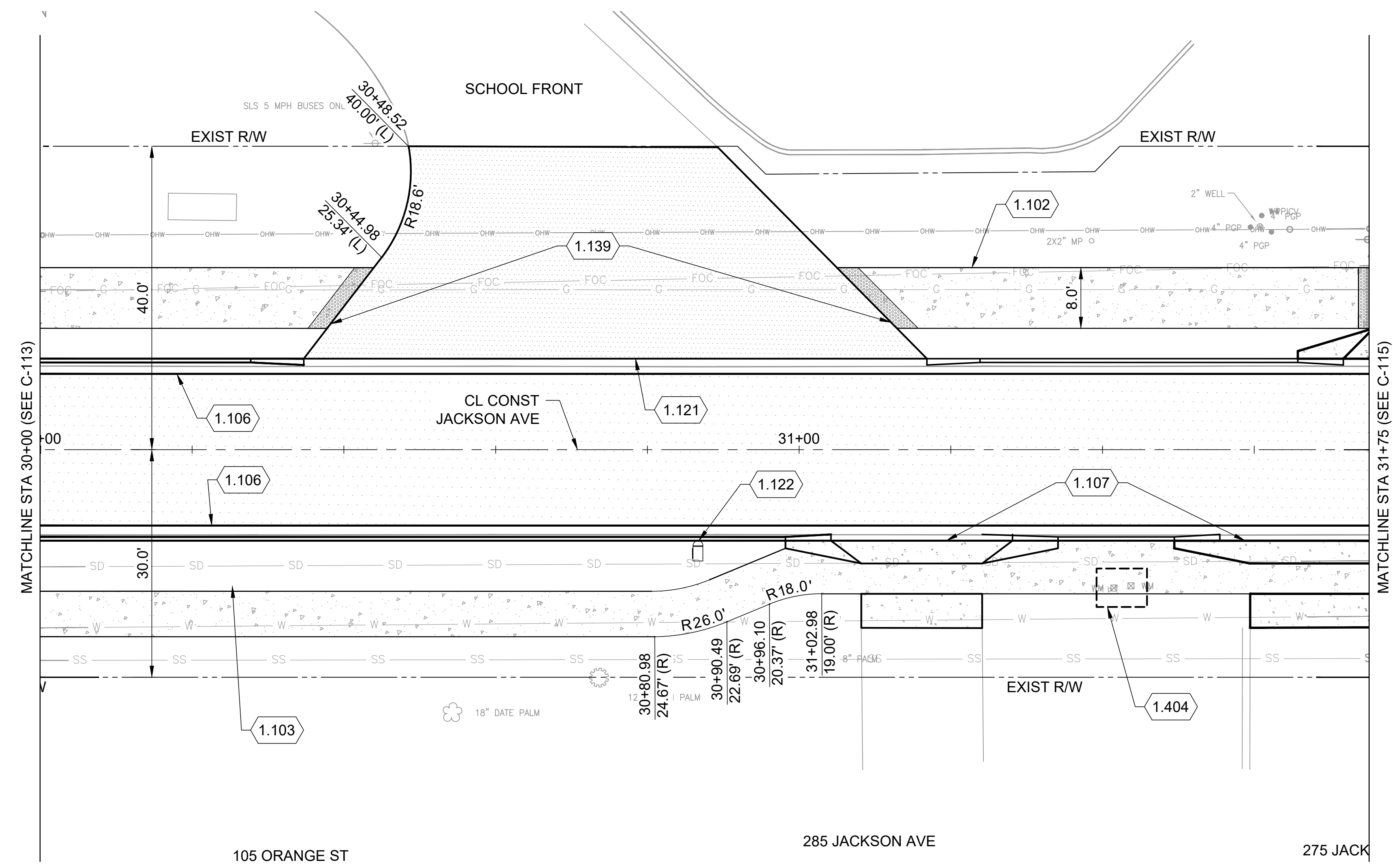
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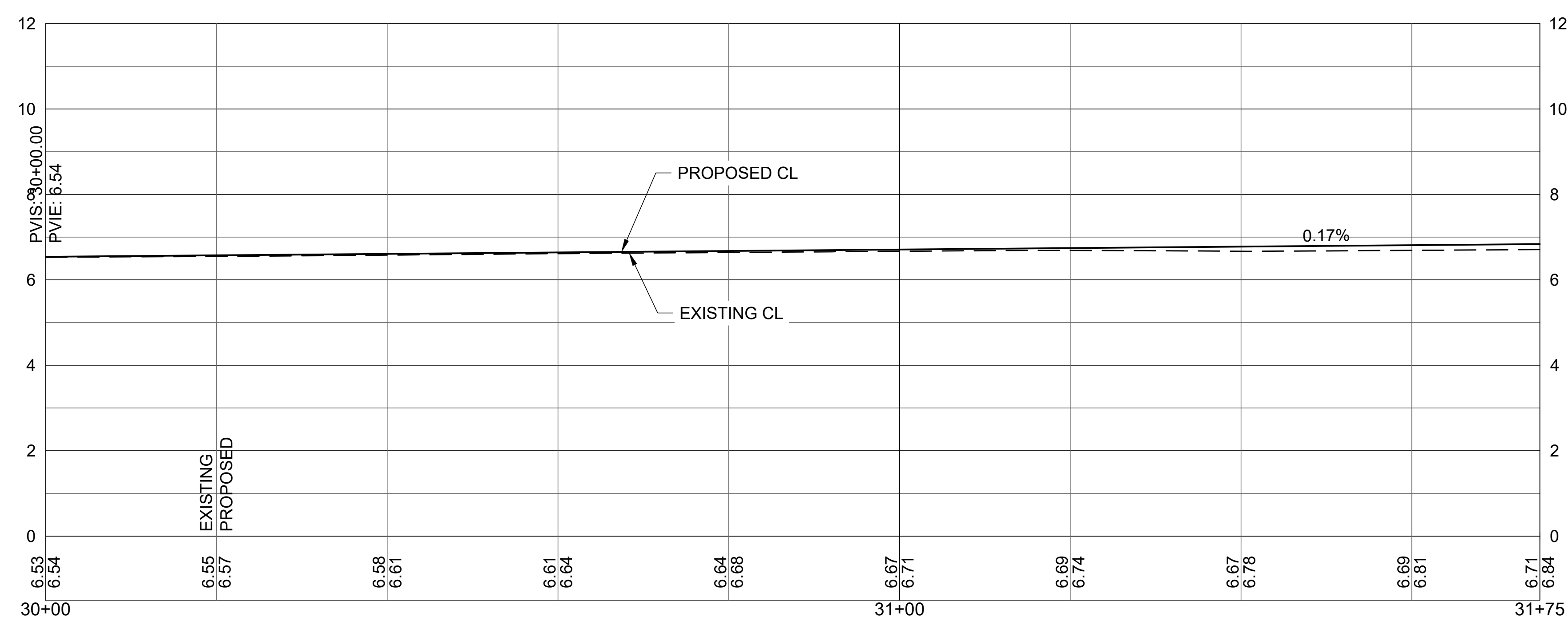
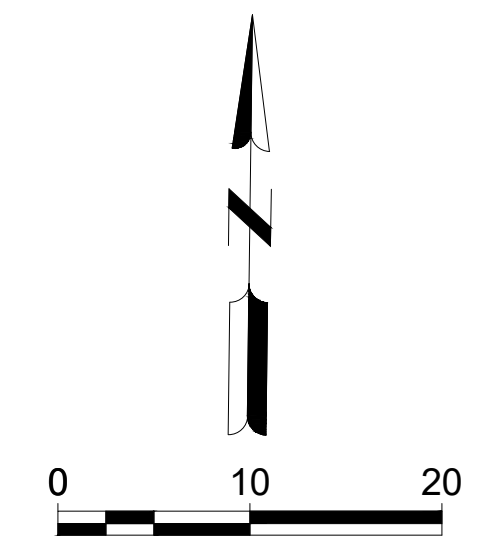
SHEET NO.

**C-113**



- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.121 ASPHALT DRIVEWAY
  - 1.122 MAILBOX
  - 1.139 TYPE CR-G CURB RAMP FDOT INDEX 522-002
  - 1.404 CITY OF MELBOURNE TO ADJUST WATER METER(S) PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY



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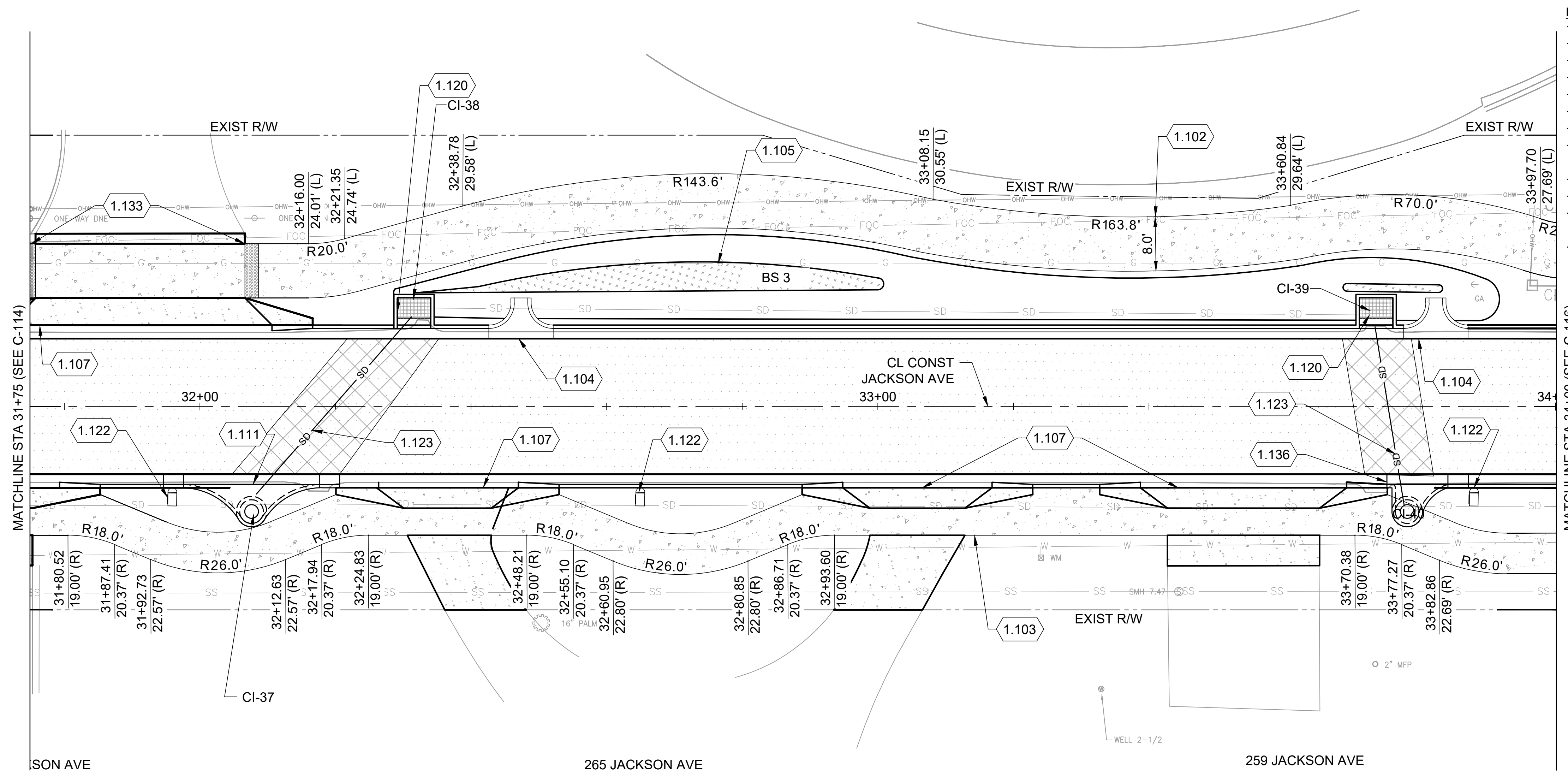
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SHEET CONTENTS  
 JACKSON AVE PLAN  
 AND PROFILE

SHEET NO.

**C-114**



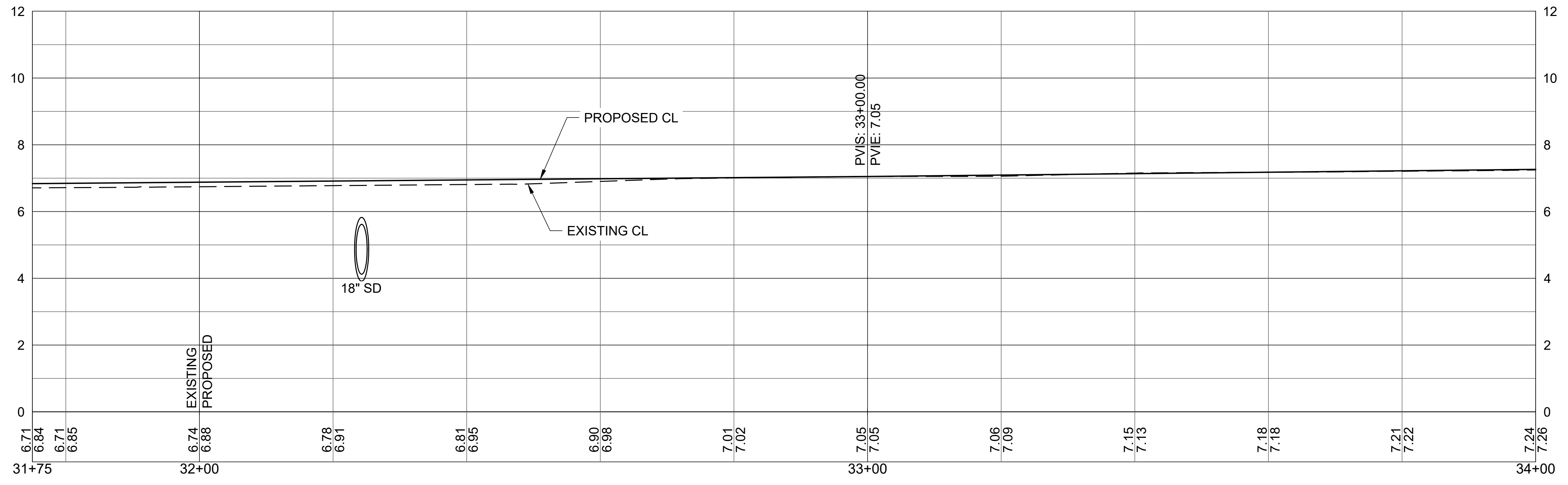
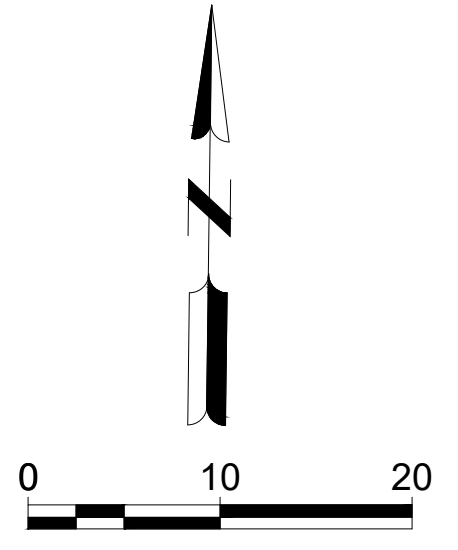
- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.104 CONCRETE FLUME CONSTRUCTION DETAIL 2/C-501
  - 1.105 BIOSWALE
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.120 36x54 REPLACE TOP WITH HOODED INLET CONSTRUCTION DETAIL 3/C-501
  - 1.122 MAILBOX
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.136 TYPE 3 INLET TOP FDOT INDEX 425-020

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT
  - BIOSWALE



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL



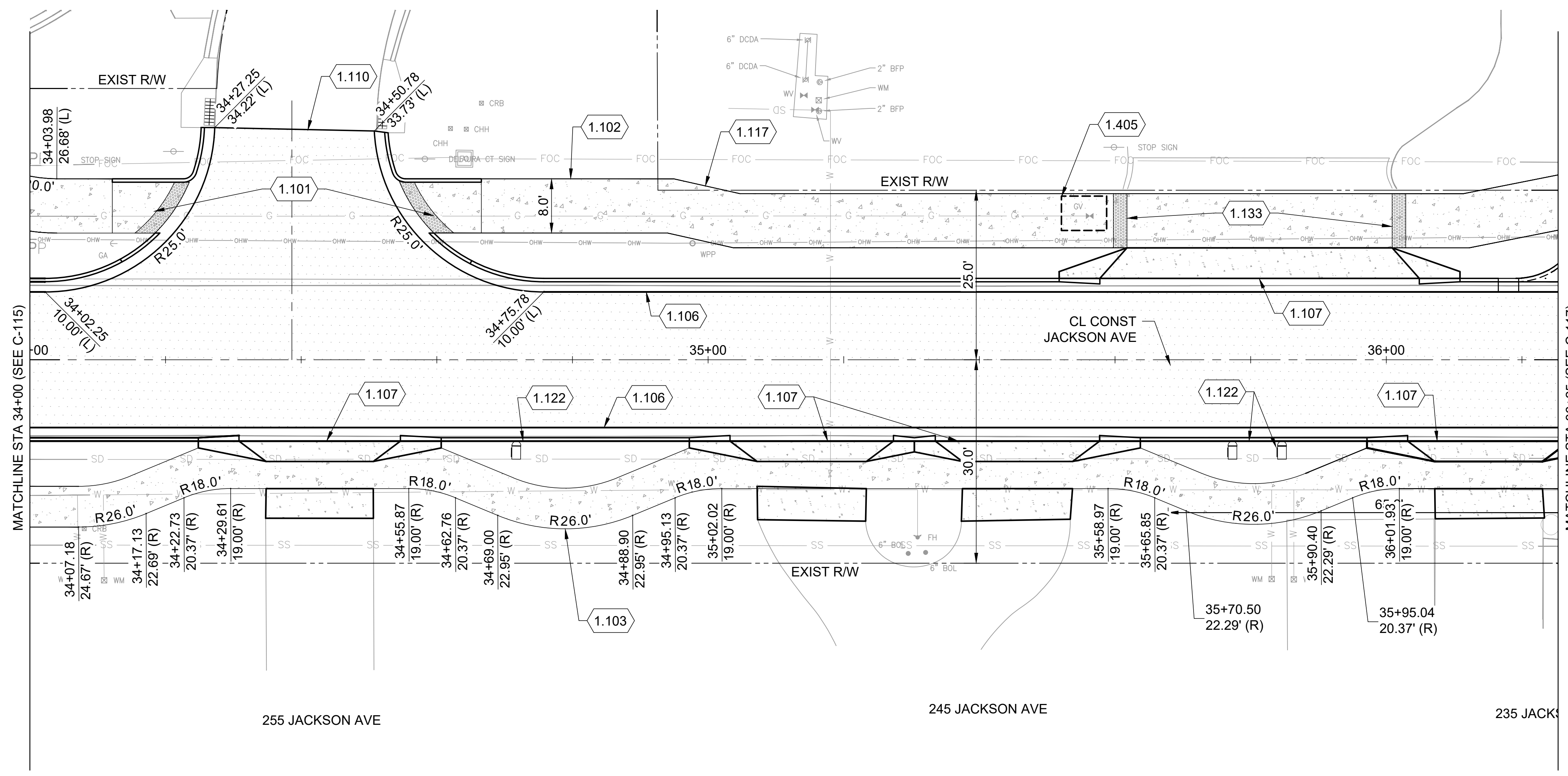
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SHEET CONTENTS  
 JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-115**



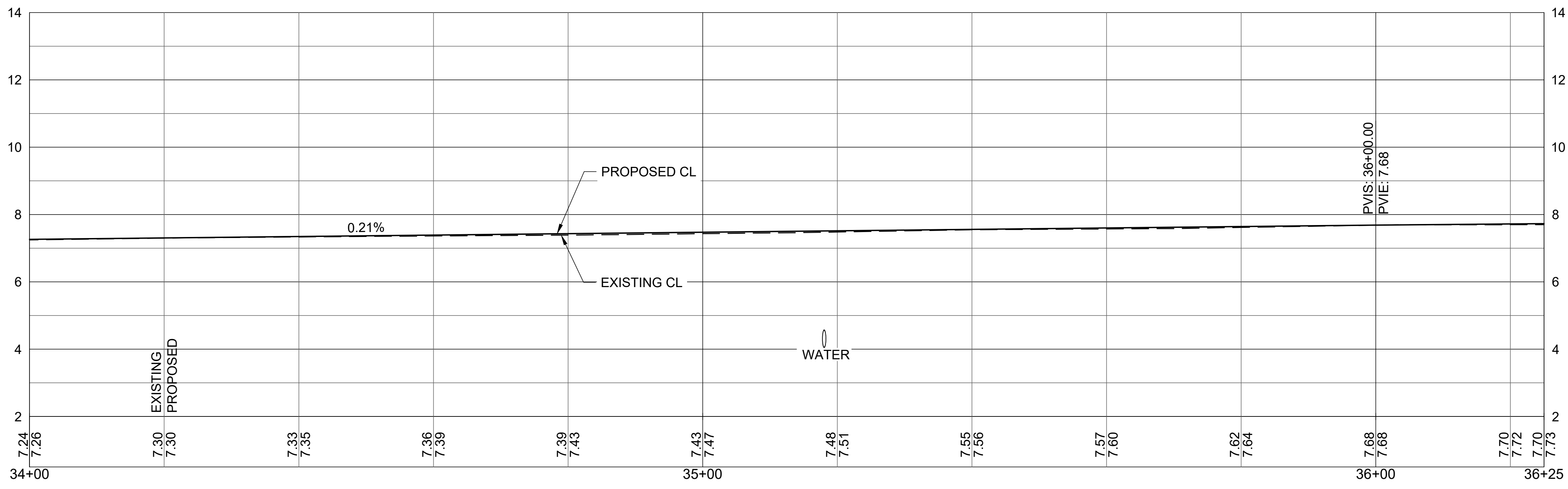
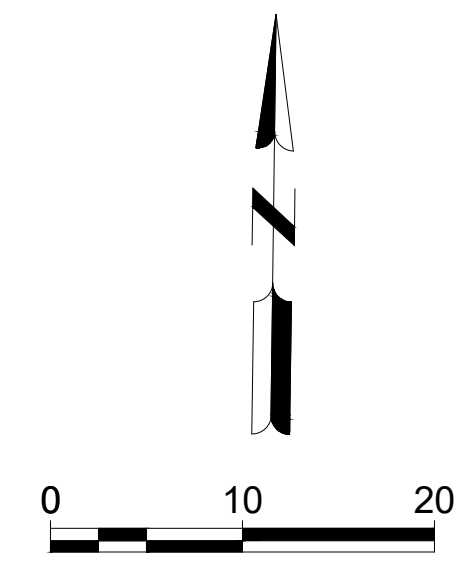
- KEYED NOTES:**
- 1.101 TYPE CR-F CURB RAMP FDOT INDEX 522-002
  - 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.111 CITY OWNED PROPERTY
  - 1.122 MAILBOX
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.405 FLORIDA CITY GAS TO ADJUST GAS VALVE PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
SATELLITE BEACH, FL



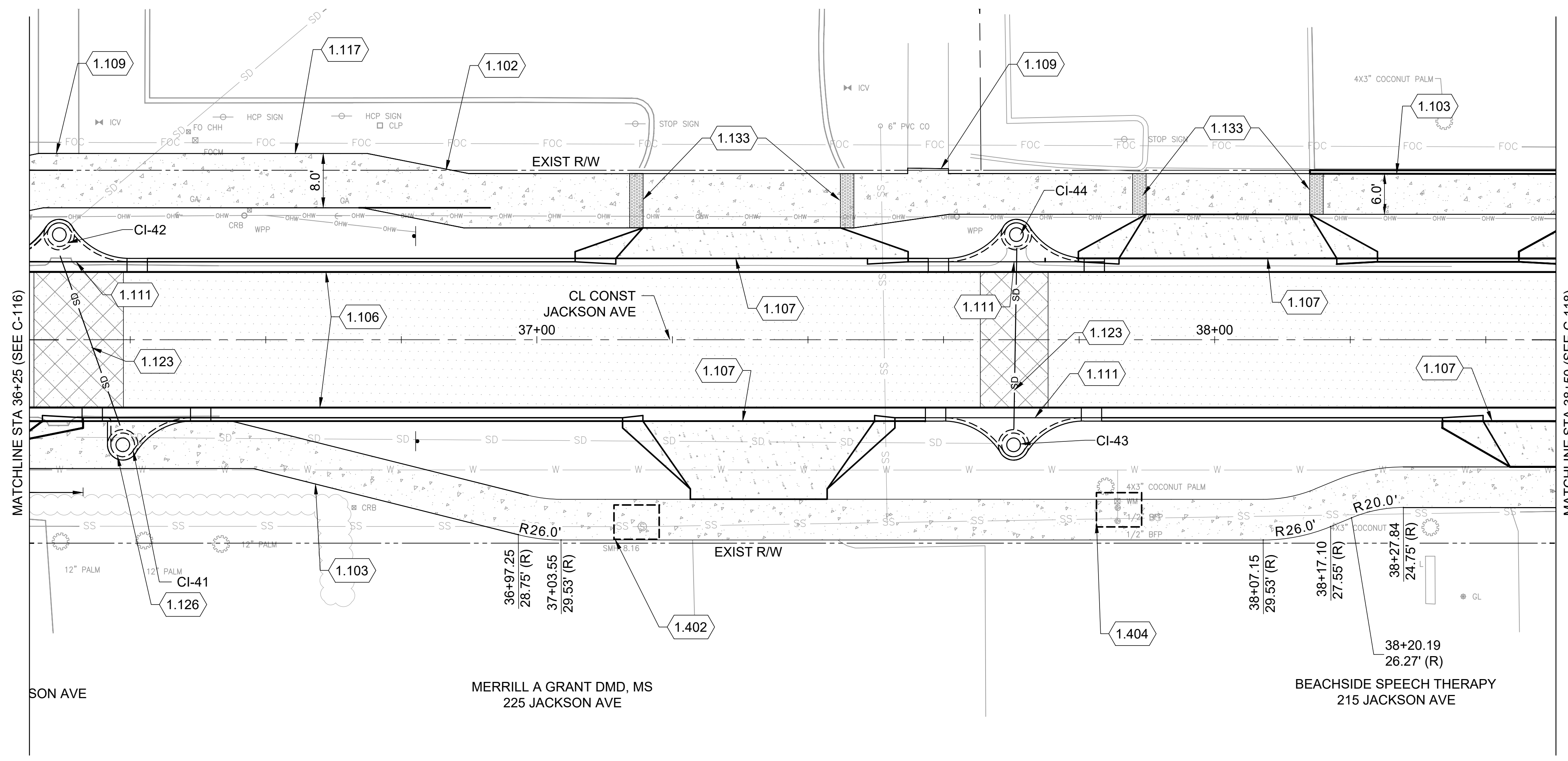
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SHEET CONTENTS  
JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-116**



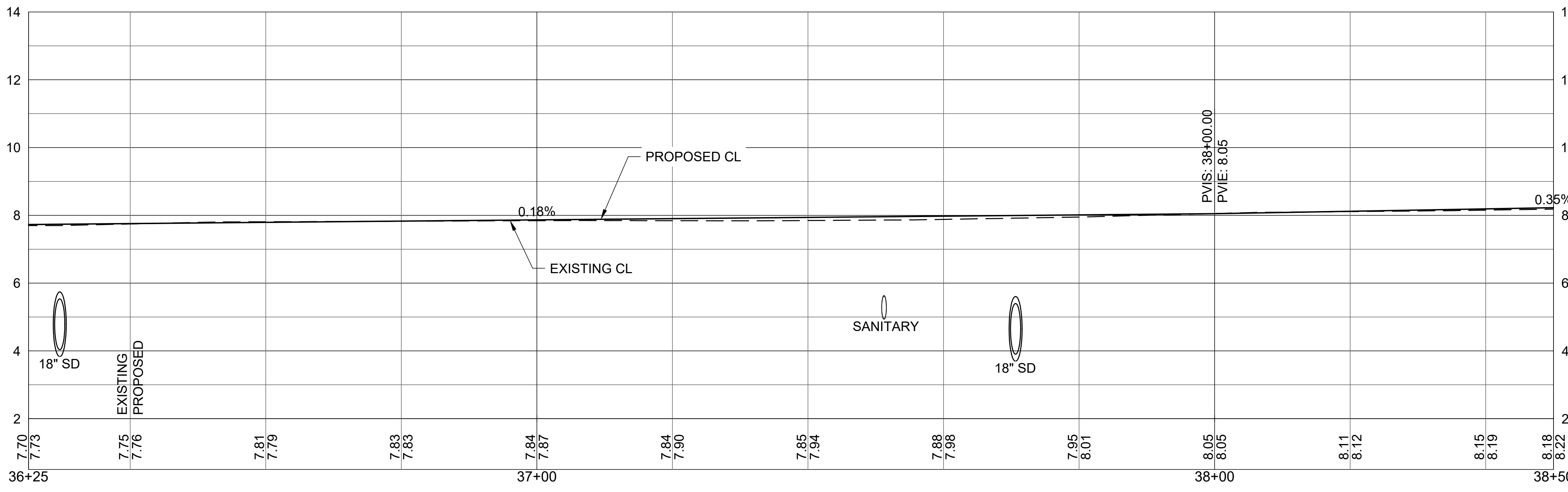
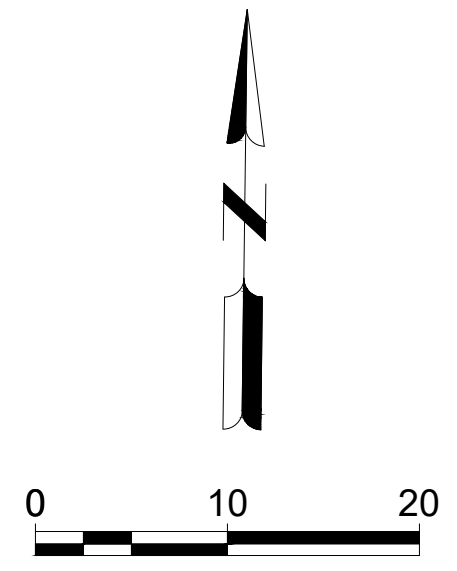
- KEYED NOTES:**
- 1.102 8' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.402 BREVARD COUNTY WATER RESOURCES TO ADJUST MANHOLE LID PER SIGNED UWS
  - 1.405 FLORIDA CITY GAS TO ADJUST GAS VALVE PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT



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**CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL**



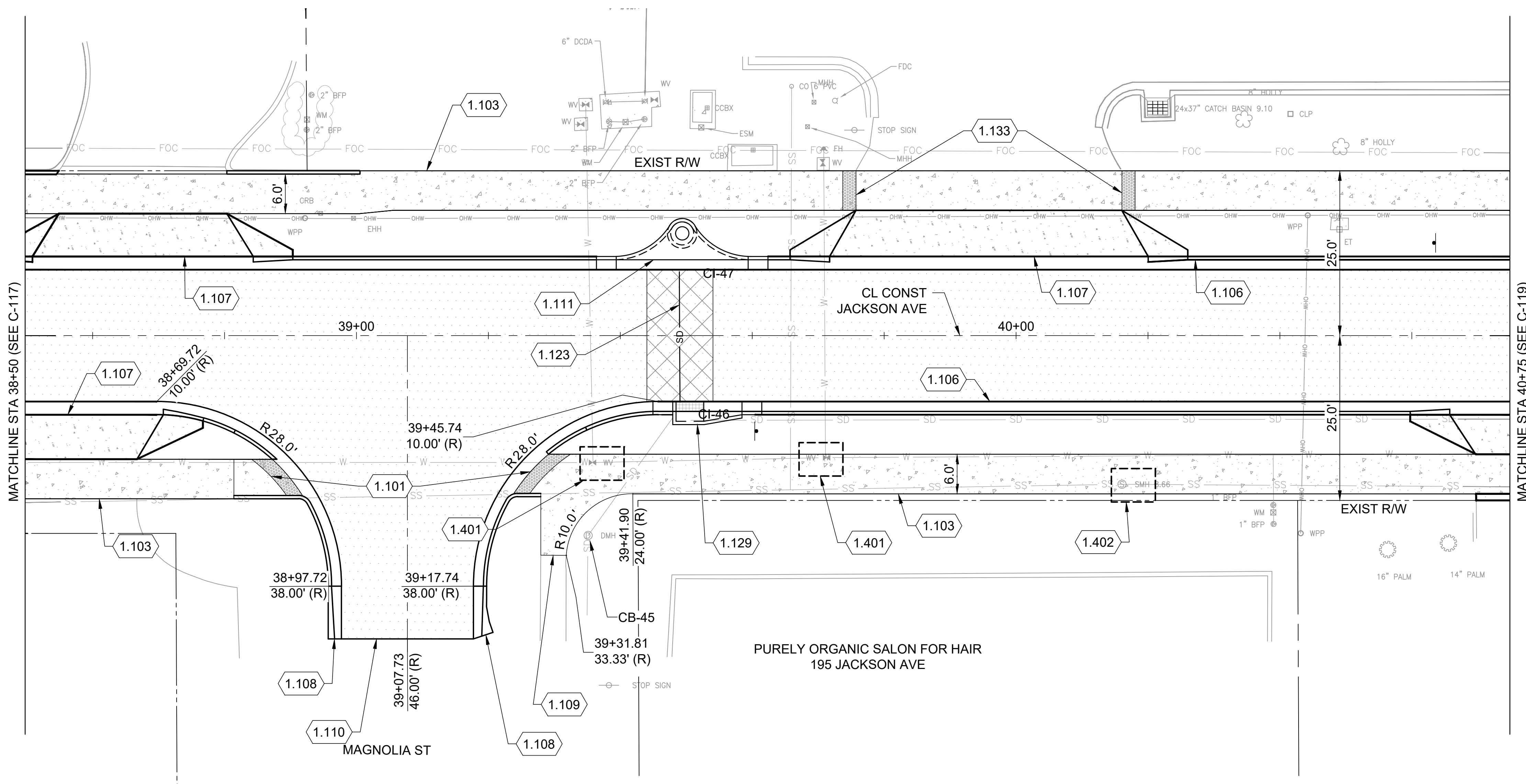
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**JACKSON AVE PLAN AND PROFILE**

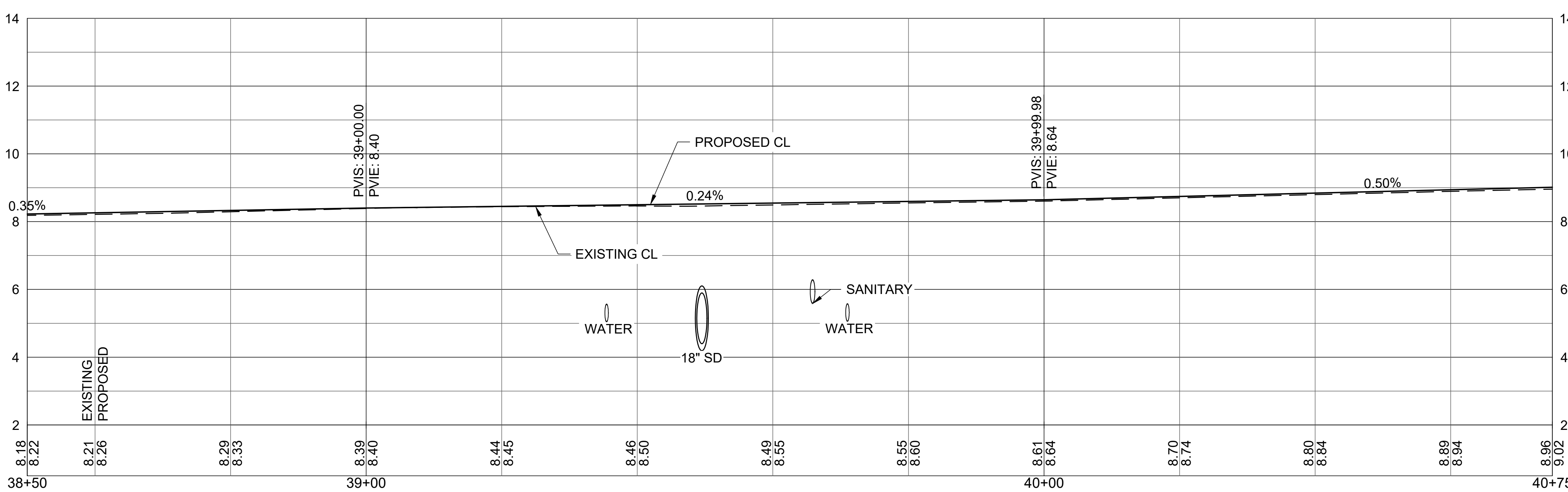
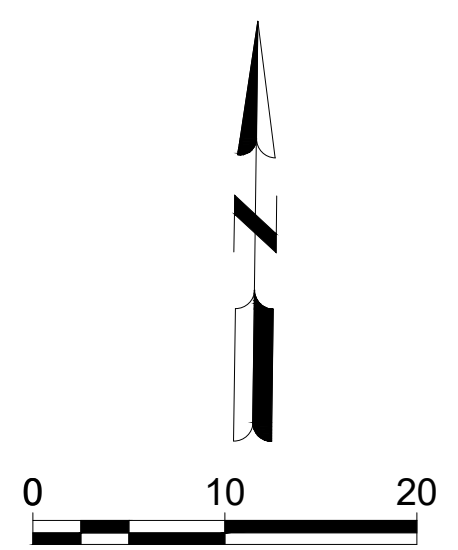
SHEET NO.

**C-117**



- KEYED NOTES:**
- 1.101 TYPE CR-F CURB RAMP FDOT INDEX 522-002
  - 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.108 TRANSITION CURB TO MATCH EXISTING
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.129 TYPE 5 INLET TOP FDOT INDEX 425-021
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.401 CITY OF MELBOURNE TO ADJUST WATER VALVE BOX PER SIGNED UWS
  - 1.402 BREVARD COUNTY WATER RESOURCES TO ADJUST MANHOLE LID PER SIGNED UWS

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT



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 JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-118**



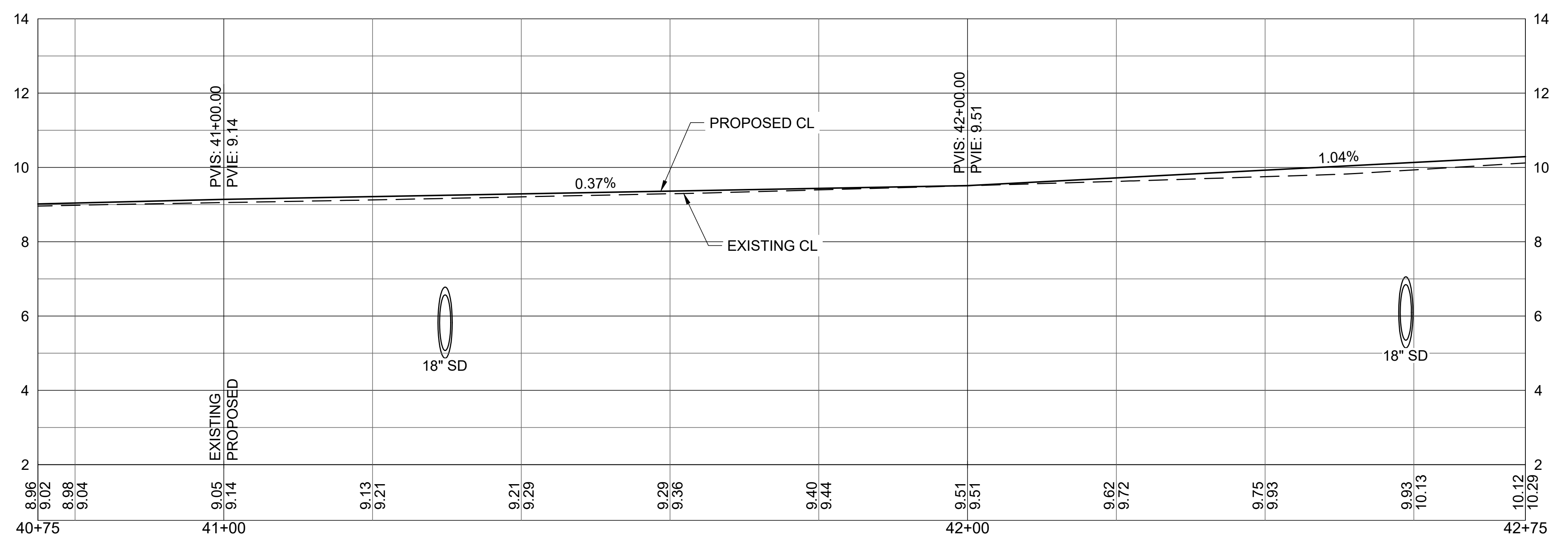
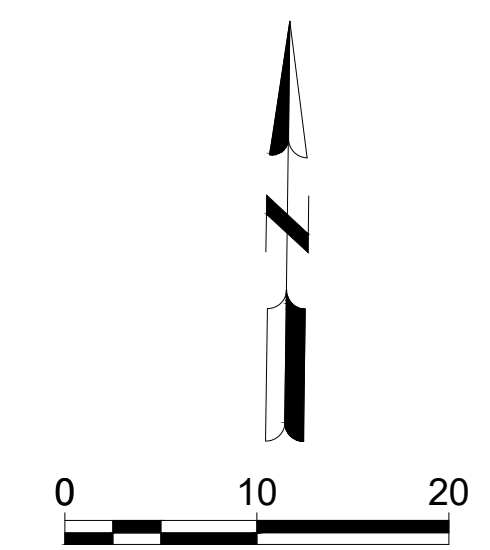
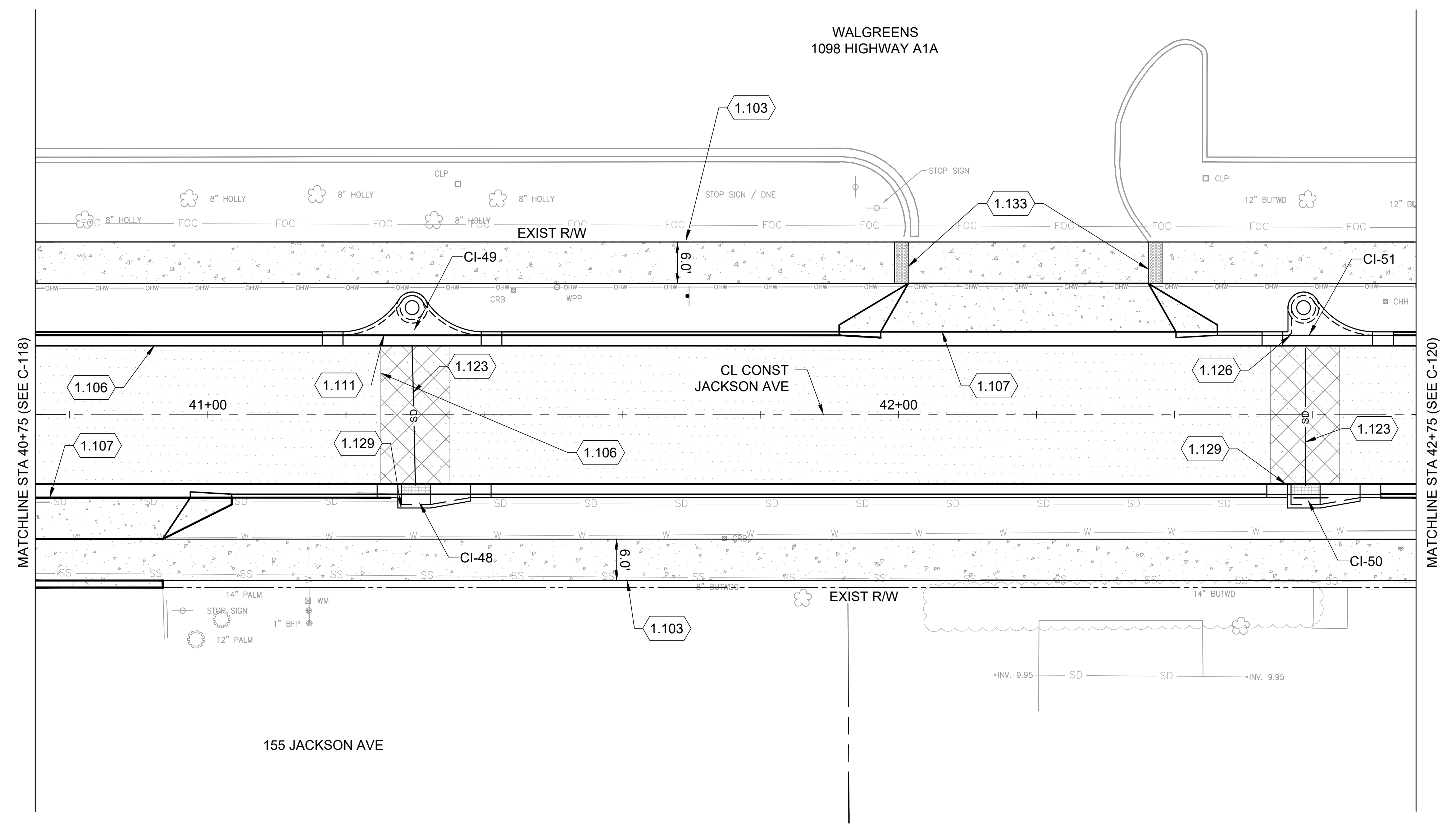
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- KEYED NOTES:**
- 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.111 TYPE 2 INLET TOP FDOT INDEX 425-020
  - 1.123 REMOVE AND REPLACE 18" RCP STORM PIPE
  - 1.126 TYPE 1 INLET TOP FDOT INDEX 425-020
  - 1.129 TYPE 5 INLET TOP FDOT INDEX 425-021
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002

- LEGEND:**
- ASPHALT
  - CONCRETE SIDEWALK
  - CONCRETE DRIVEWAY
  - PIPE REMOVAL AND REPLACEMENT



CITY OF SATELLITE BEACH  
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 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL

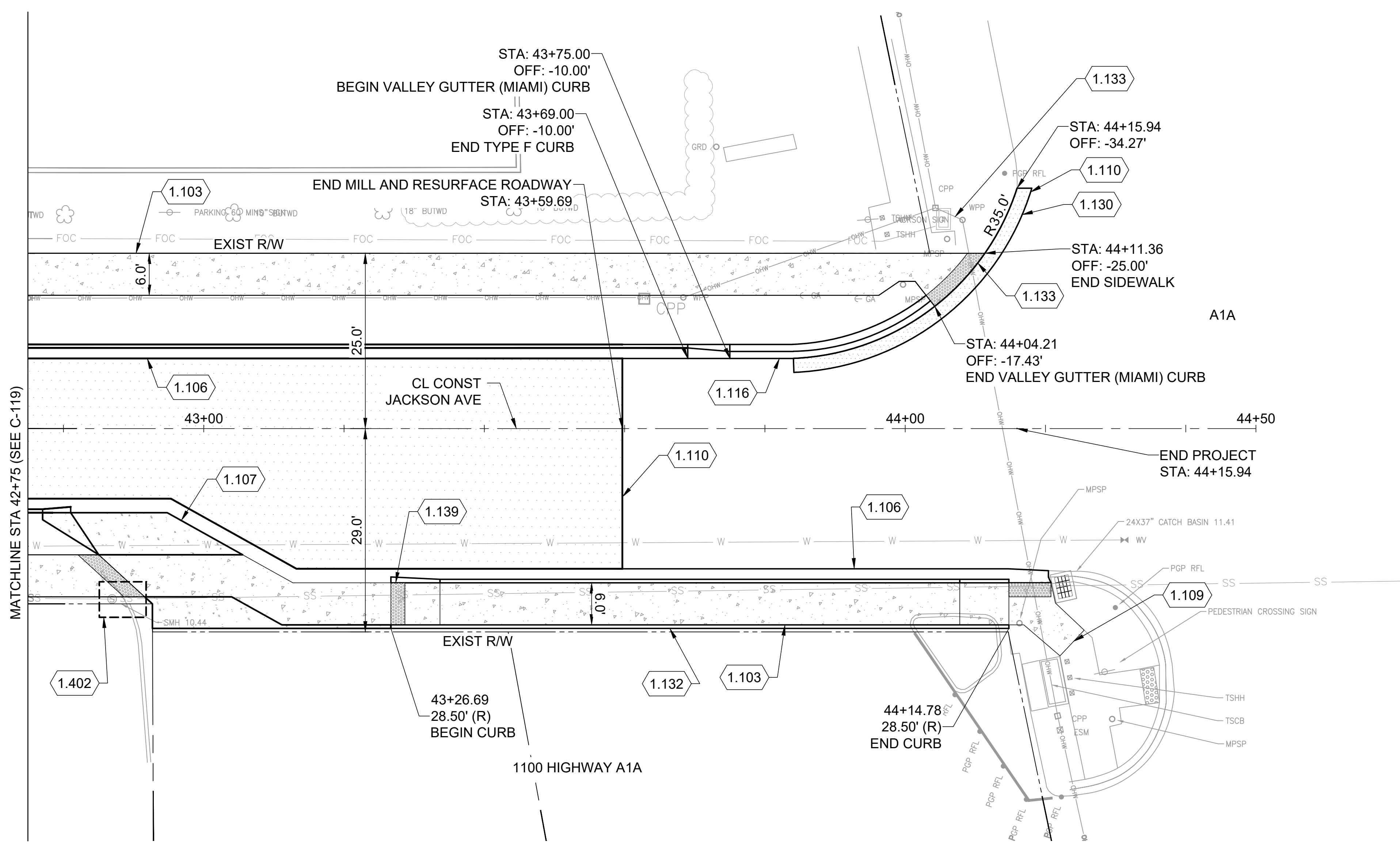
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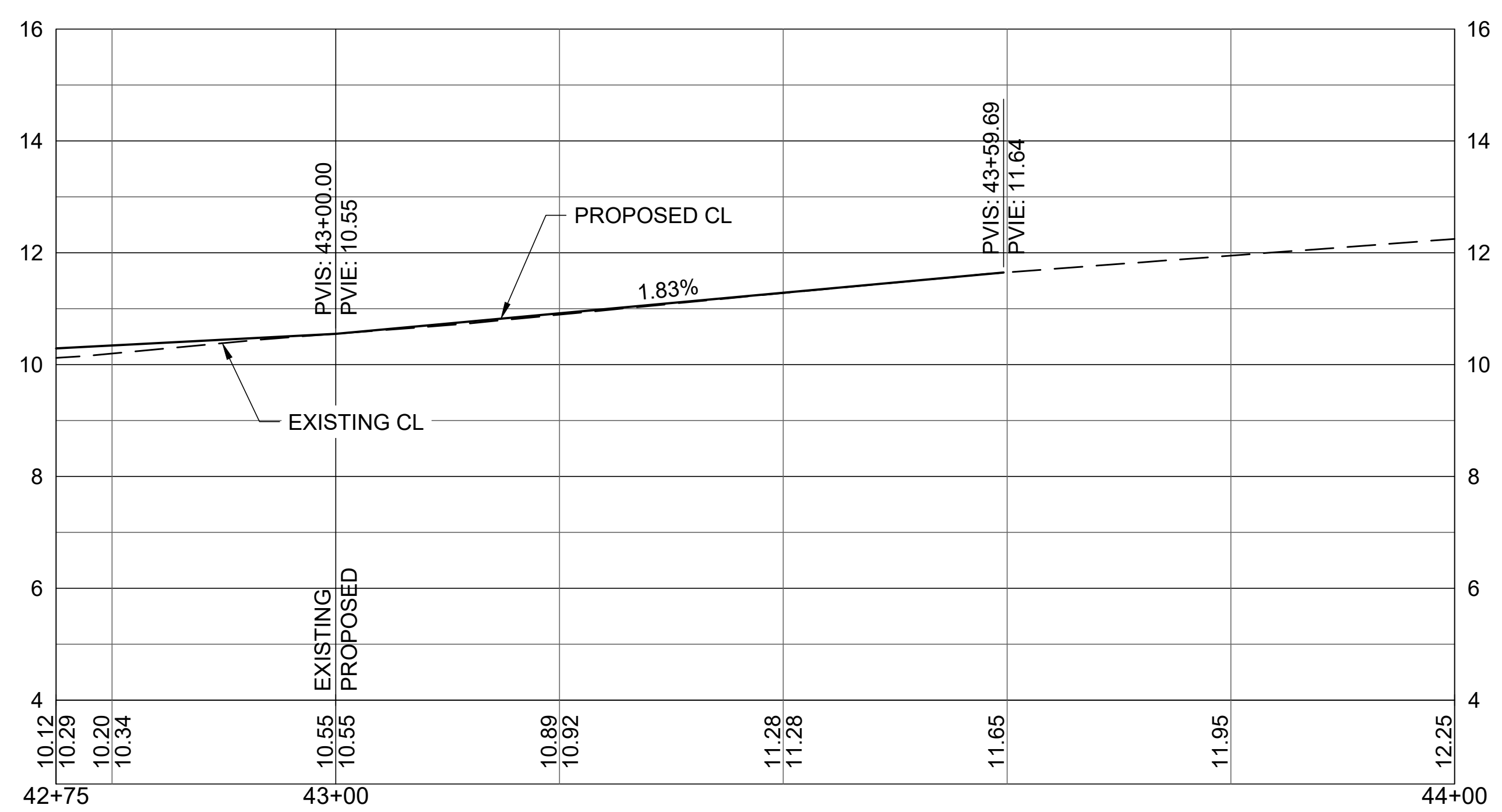
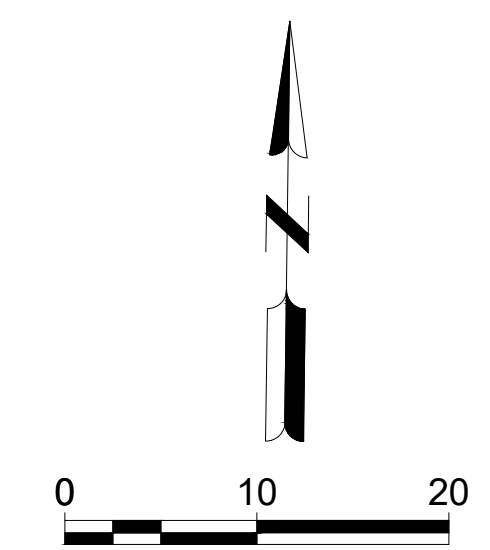
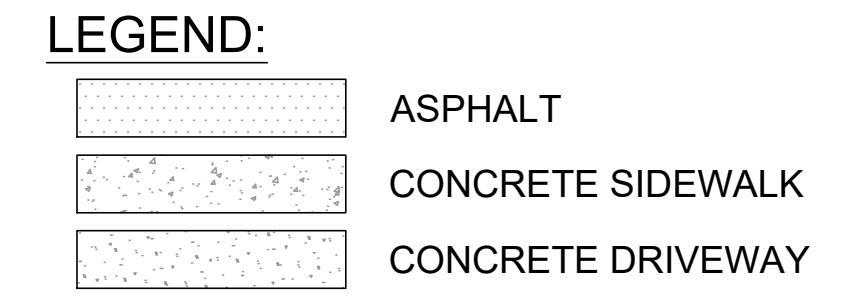
SHEET CONTENTS  
JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-119**



- KEYED NOTES:**
- 1.103 6' WIDE CONCRETE SIDEWALK FDOT INDEX 522-001
  - 1.106 TYPE F CURB AND GUTTER FDOT INDEX 520-001
  - 1.107 CONCRETE FLARED DRIVEWAY FDOT INDEX 522-003
  - 1.109 TRANSITION SIDEWALK TO MATCH EXISTING
  - 1.110 MATCH TO EXISTING PAVEMENT
  - 1.116 VALLEY GUTTER (MIAMI) CURB CONSTRUCTION DETAIL 1/C-501
  - 1.130 ASPHALT CURB RETURN
  - 1.132 TYPE D CURB AT BACK OF SIDEWALK FDOT INDEX 520-001
  - 1.133 DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS FDOT INDEX 522-002
  - 1.402 BREVARD COUNTY WATER RESOURCES TO ADJUST MANHOLE LID PER SIGNED UWS



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 SATELLITE BEACH, FL**

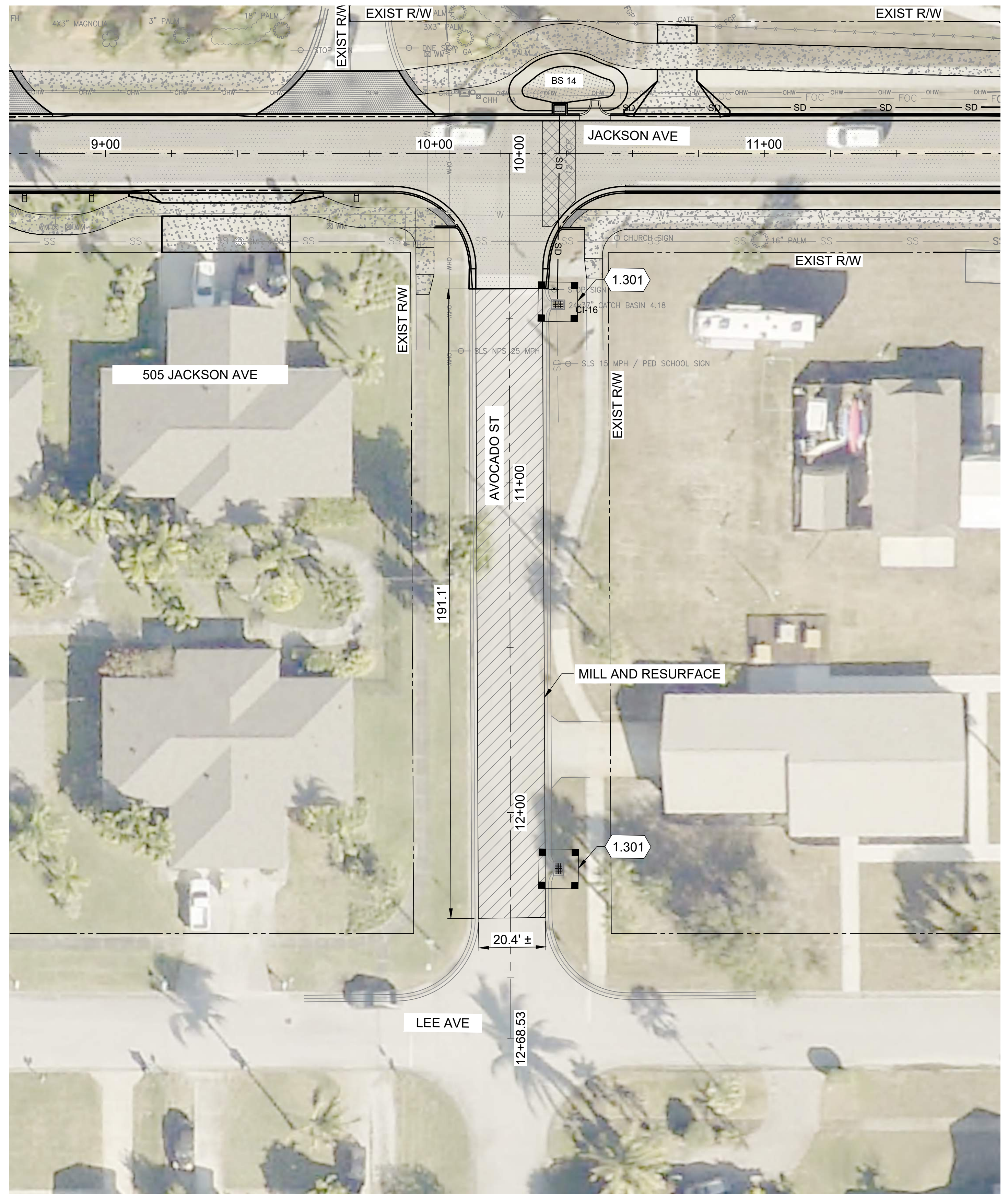
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 JACKSON AVE PLAN AND PROFILE

SHEET NO.

**C-120**



KEYED NOTES:  
1.301 INLET PROTECTION

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 SATELLITE BEACH, FL**

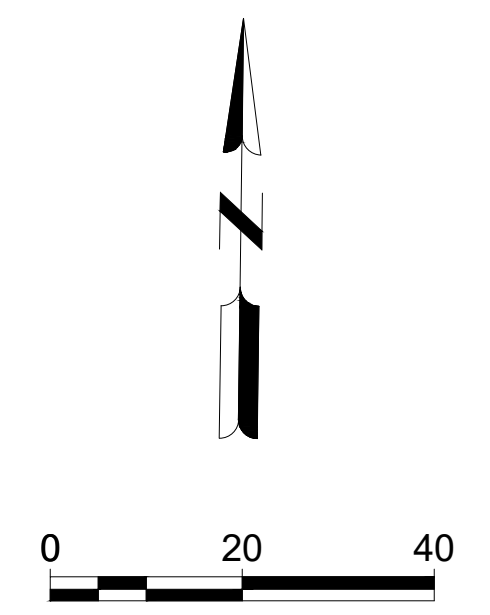
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SHEET CONTENTS  
 AVOCADO ST MILL  
 AND RESURFACE  
 PLAN

SHEET NO.

**C-125**





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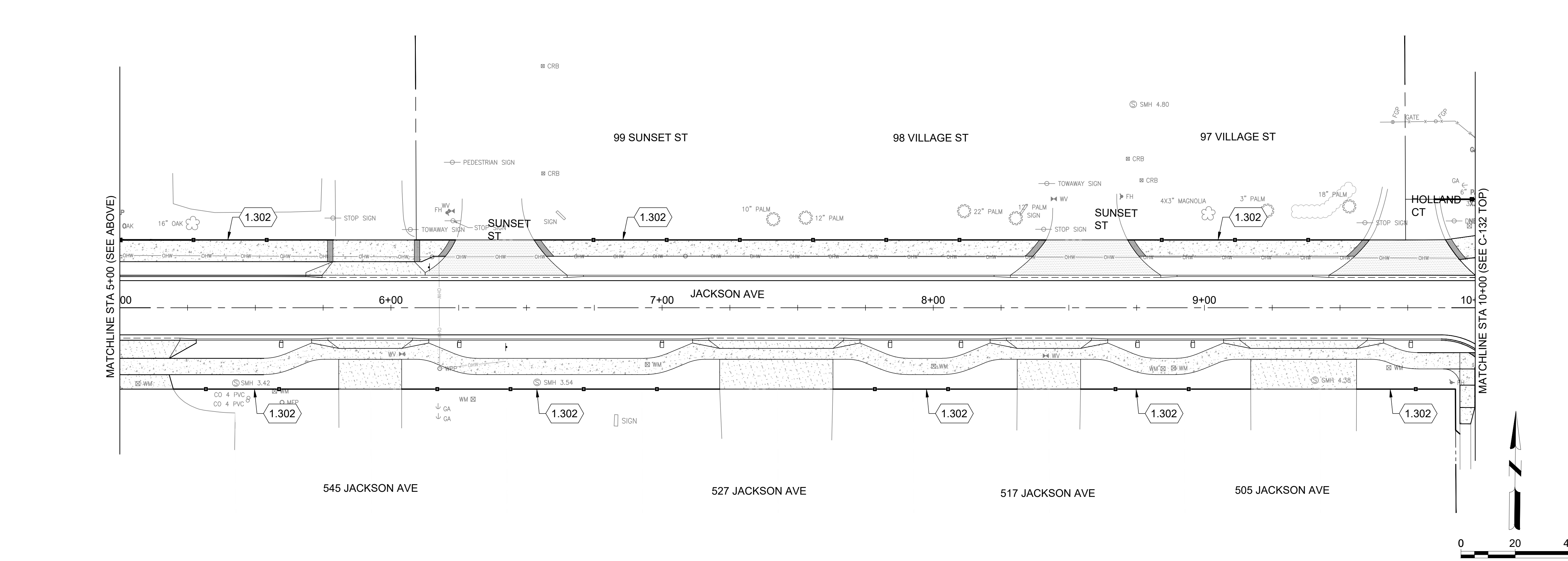
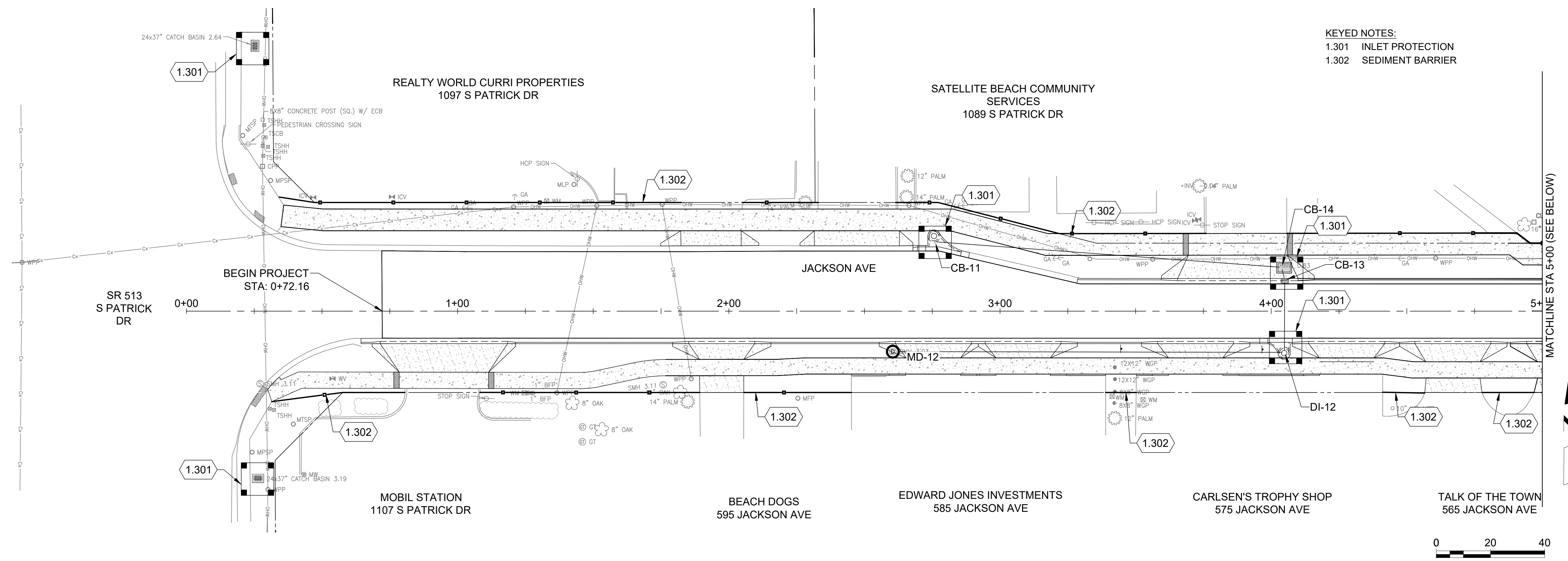
SHEET CONTENTS  
EROSION CONTROL PLAN

SHEET NO.

# C-131

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KEYED NOTES:  
1.301 INLET PROTECTION  
1.302 SEDIMENT BARRIER



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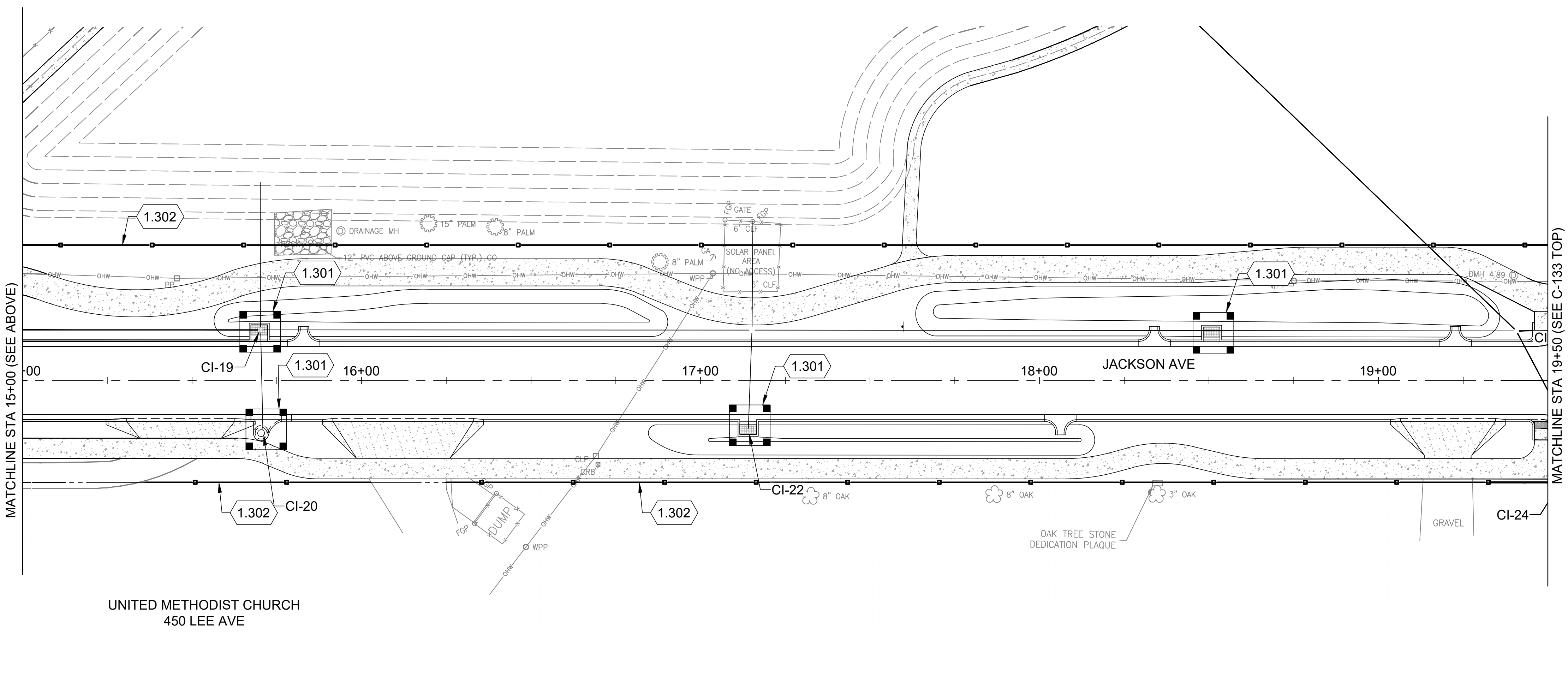
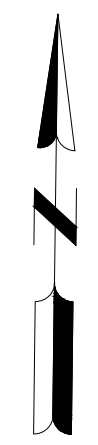
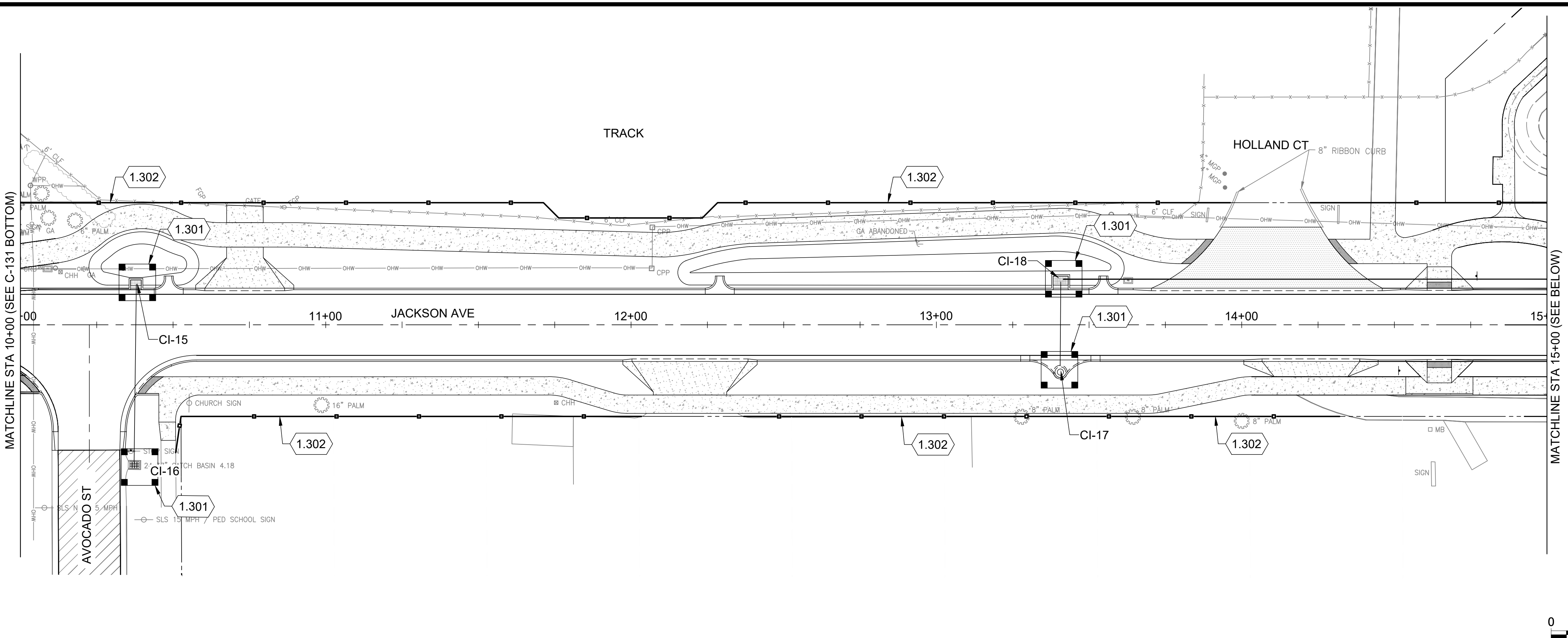
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SHEET CONTENTS  
EROSION CONTROL PLAN

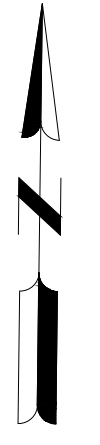
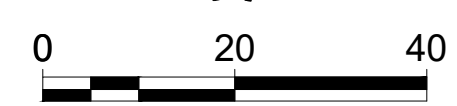
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**KEYED NOTES:**  
 1.301 INLET PROTECTION  
 1.302 SEDIMENT BARRIER



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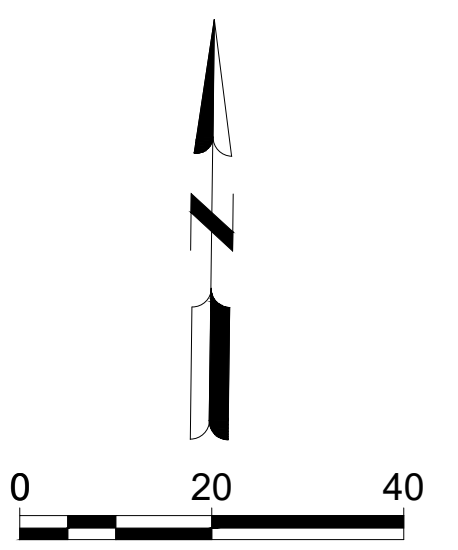
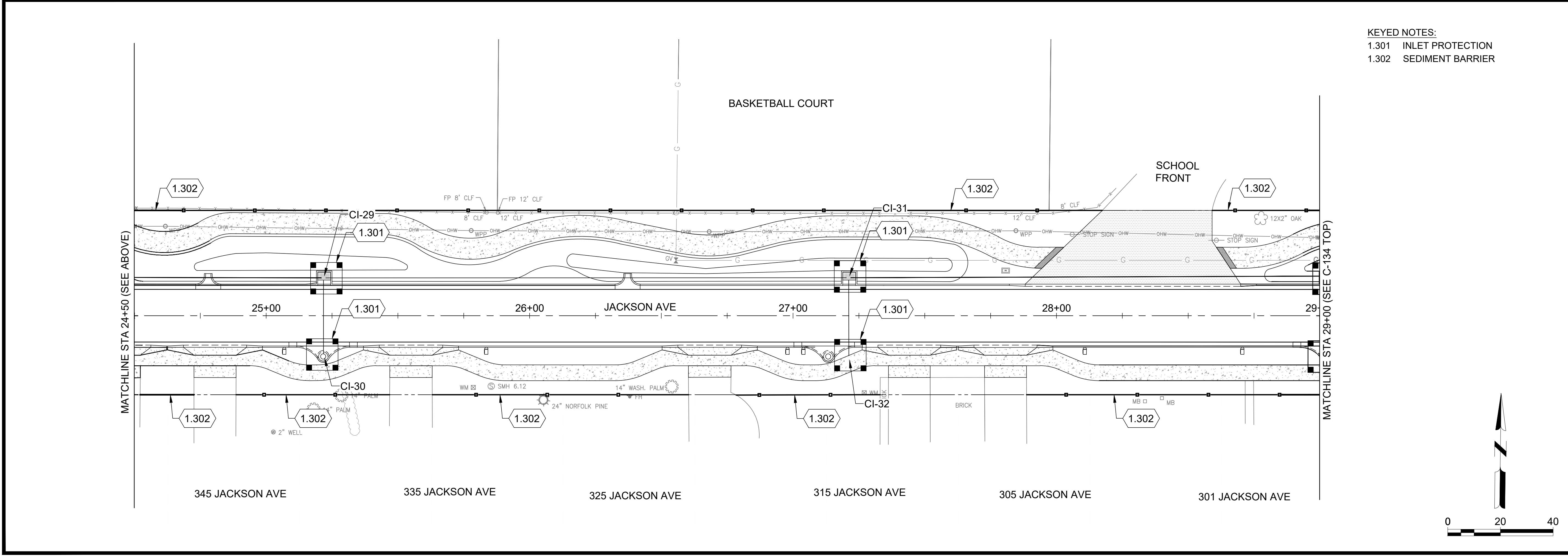
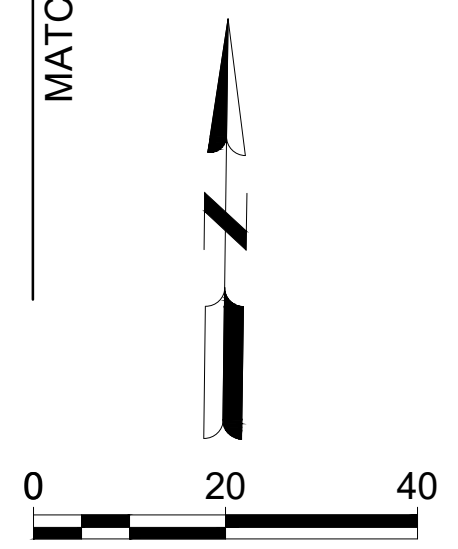
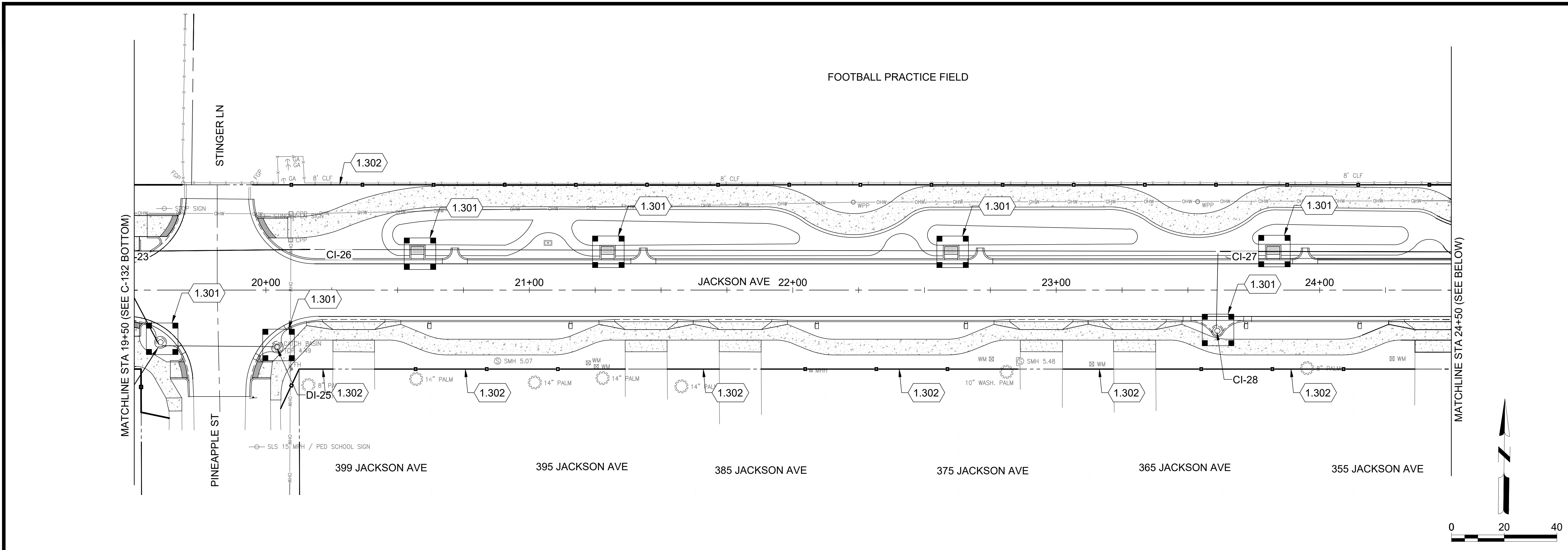
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SHEET CONTENTS  
EROSION CONTROL PLAN

SHEET NO.

# C-133



**KEYED NOTES:**  
 1.301 INLET PROTECTION  
 1.302 SEDIMENT BARRIER

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KEYED NOTES:  
1.301 INLET PROTECTION  
1.302 SEDIMENT BARRIER



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JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

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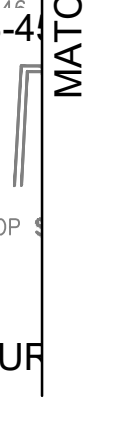
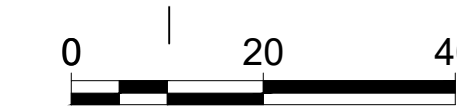
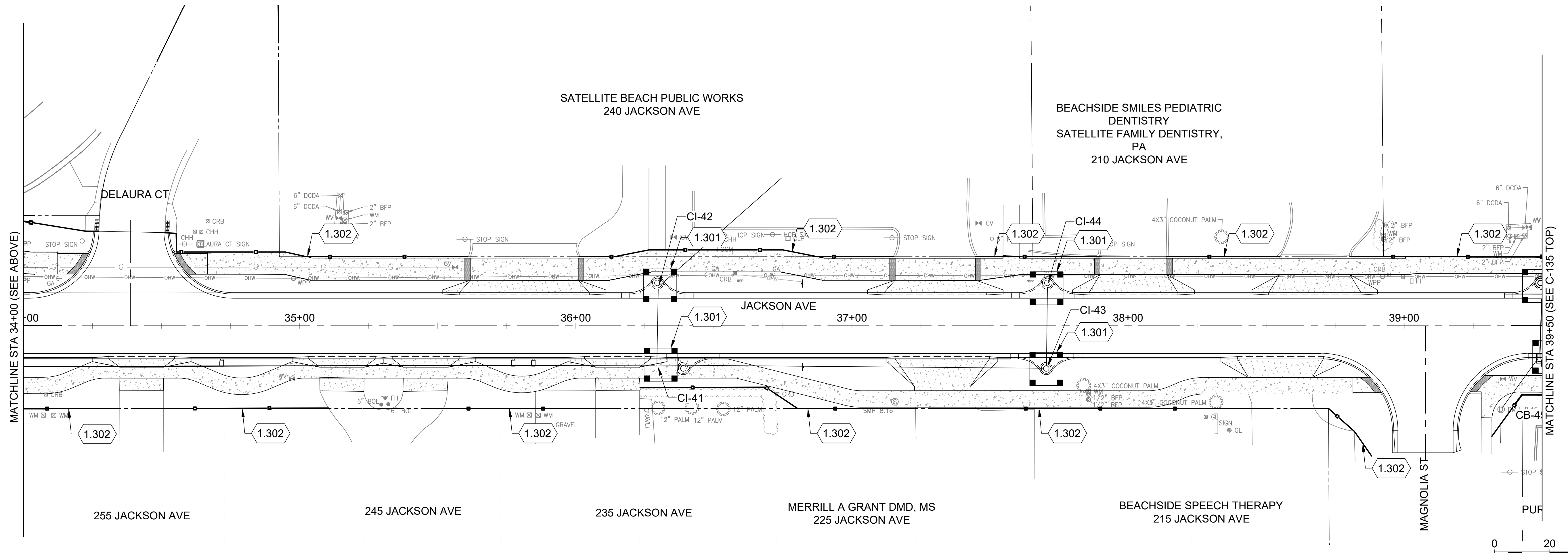
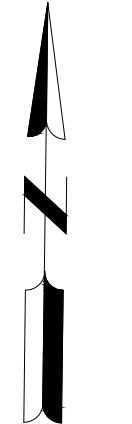
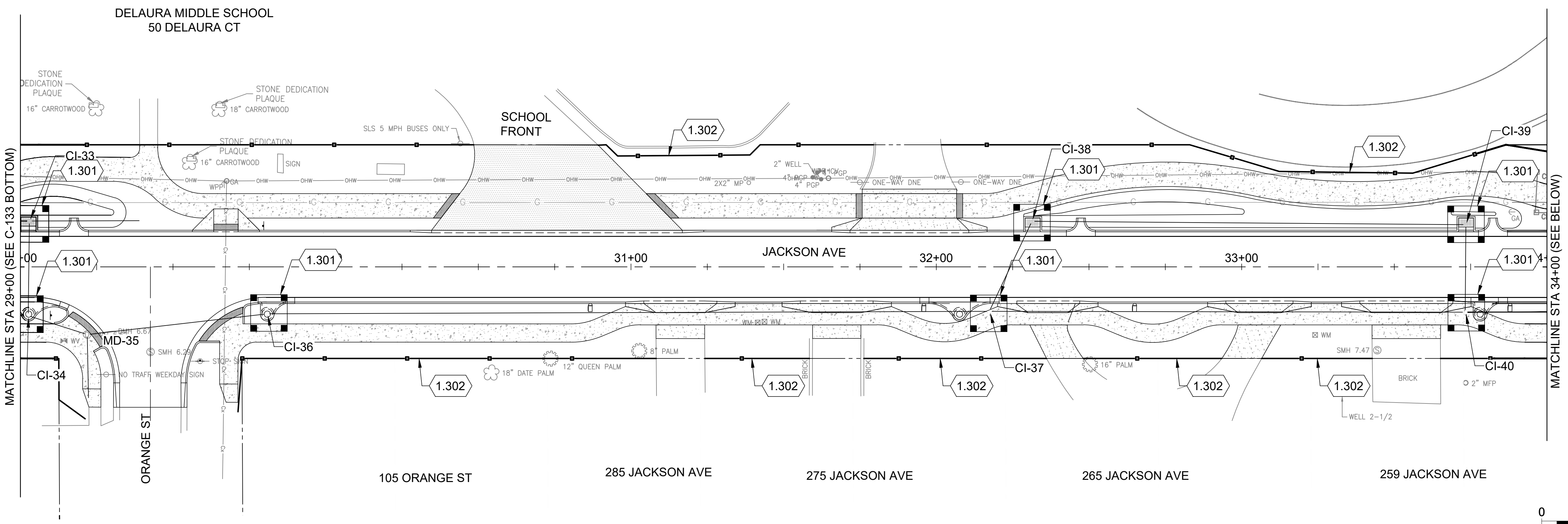
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SHEET CONTENTS  
EROSION CONTROL PLAN

SHEET NO.

C-134

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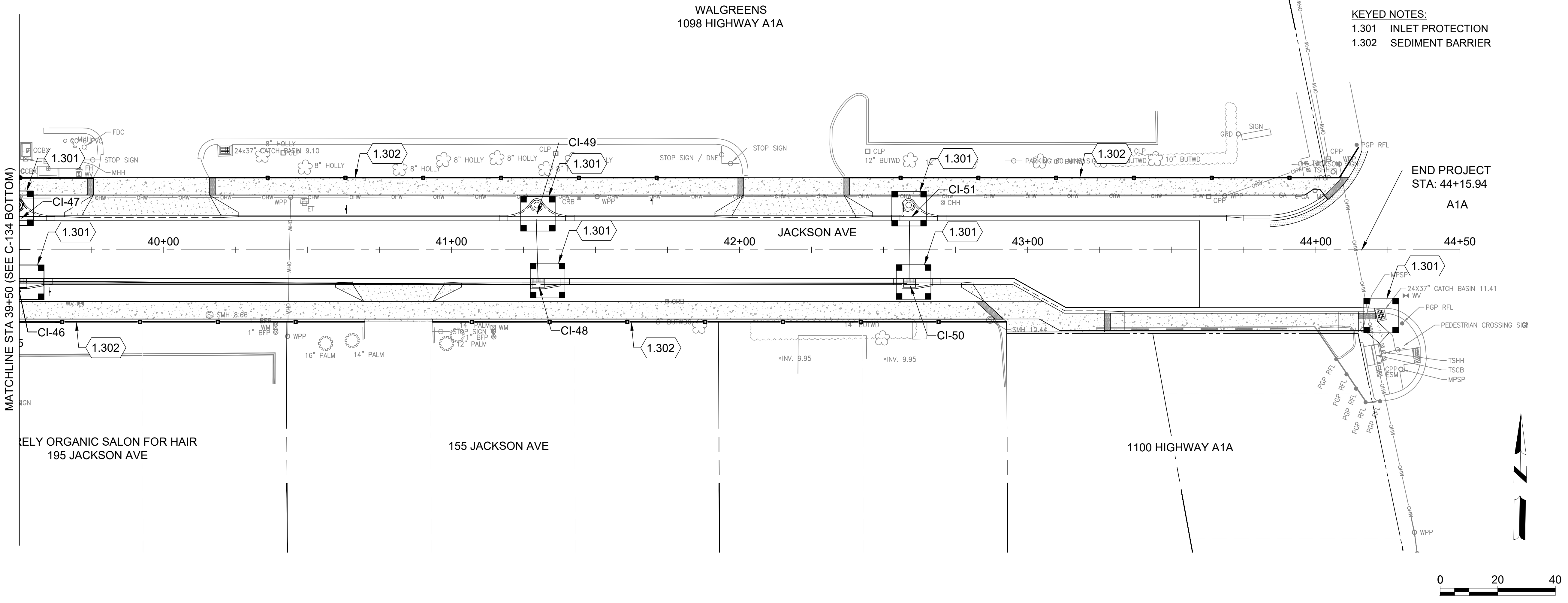
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EROSION CONTROL PLAN

SHEET NO.

# C-135

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- KEYED NOTES:**
- 1.202 12" SOLID WHITE PEDESTRIAN CROSSING FDOT INDEX 711-001
  - 1.203 6" SOLID WHITE EDGE OF TRAVELED WAY FDOT INDEX 711-001
  - 1.204 6" DOUBLE SOLID YELLOW LINES FDOT INDEX 711-001
  - 1.211 SOLAR POWERED BEACON
  - 1.212 SHARED LANE PAVEMENT MARKING FDOT INDEX 711-002
  - 1.214 TURN LANE-USE ARROW FDOT INDEX 711-001
  - 1.215 6" WHITE TURN LANE FDOT INDEX 711-001



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**CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL**

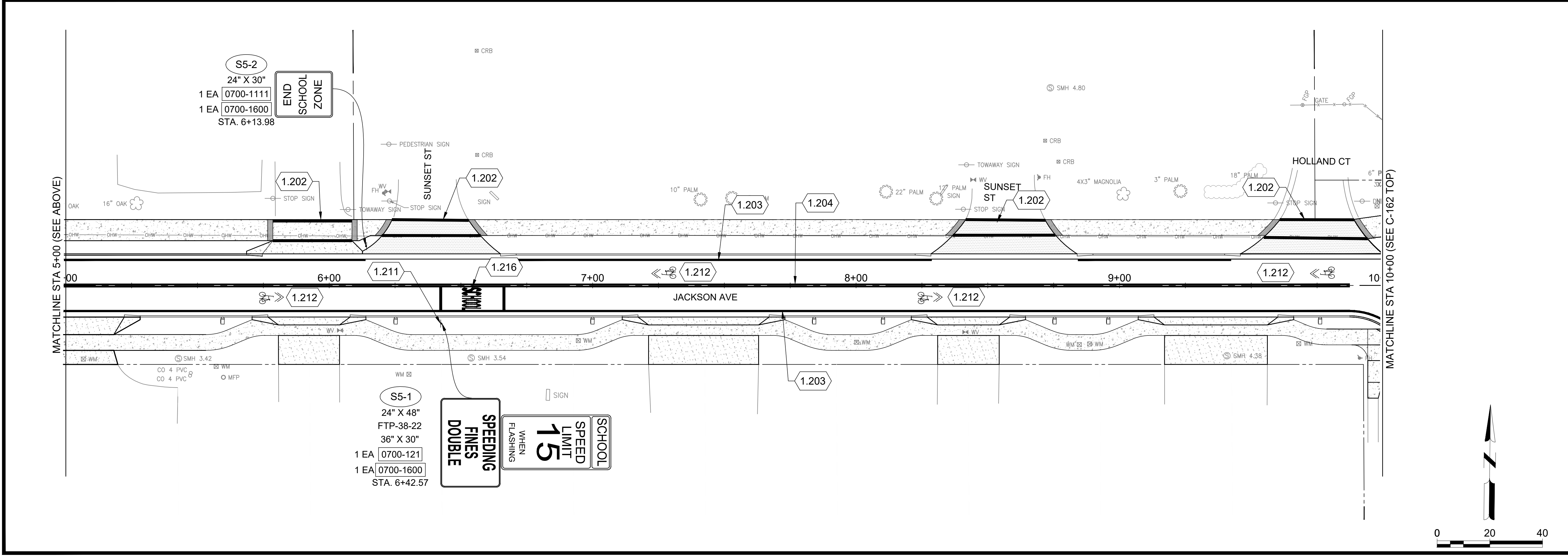
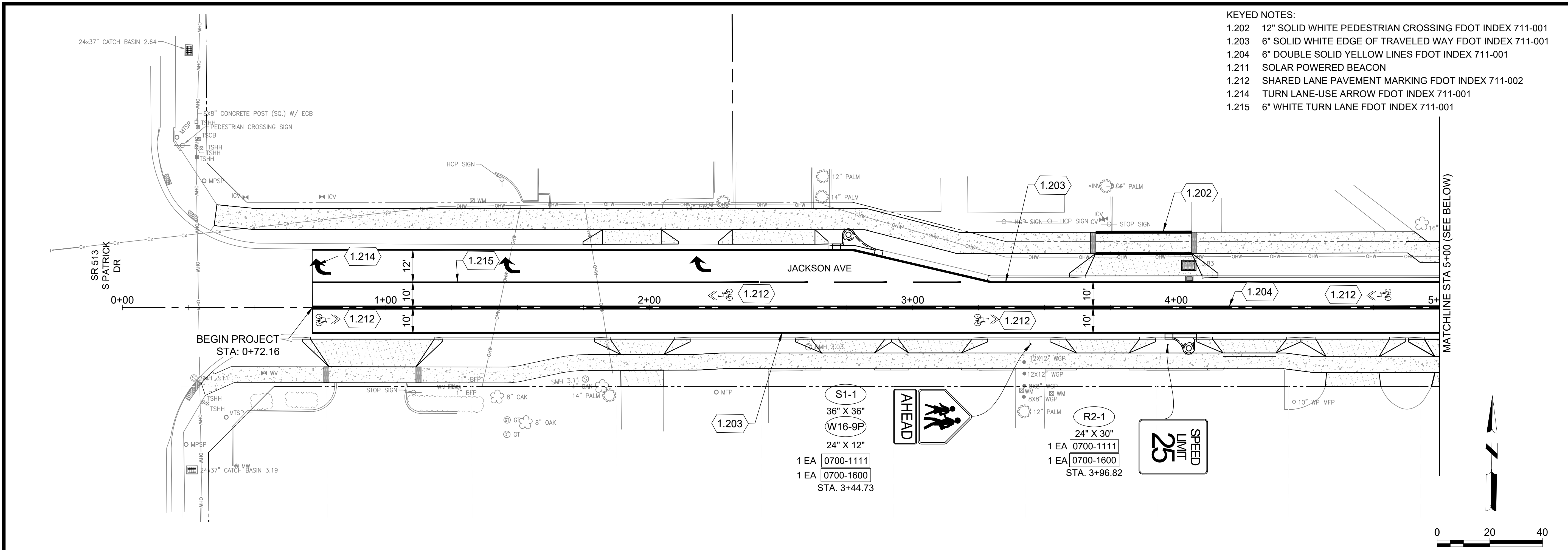
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M&H NO.: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: JG/DAK  
DRAWN BY: CAJ  
CHECKED BY: DAK  
DO NOT SCALE DRAWINGS

SHEET CONTENTS  
PAVEMENT  
MARKING AND  
SIGNAGE PLANS

SHEET NO.

**C-161**



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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

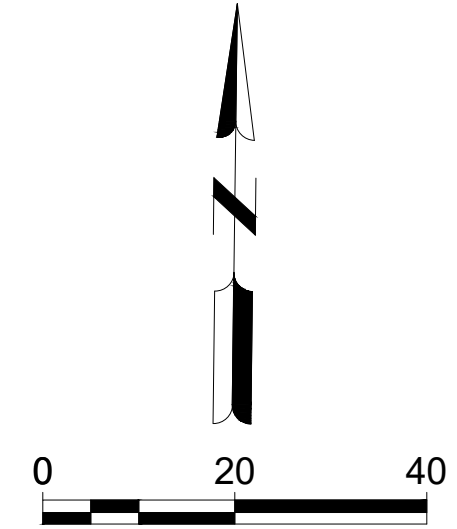
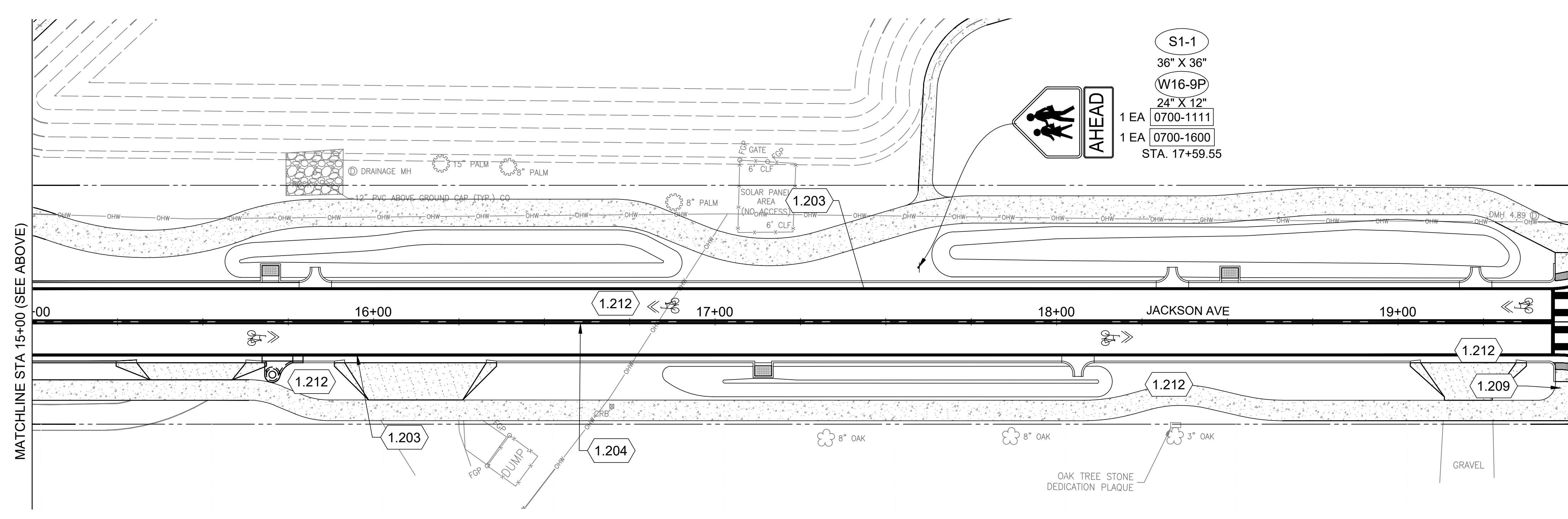
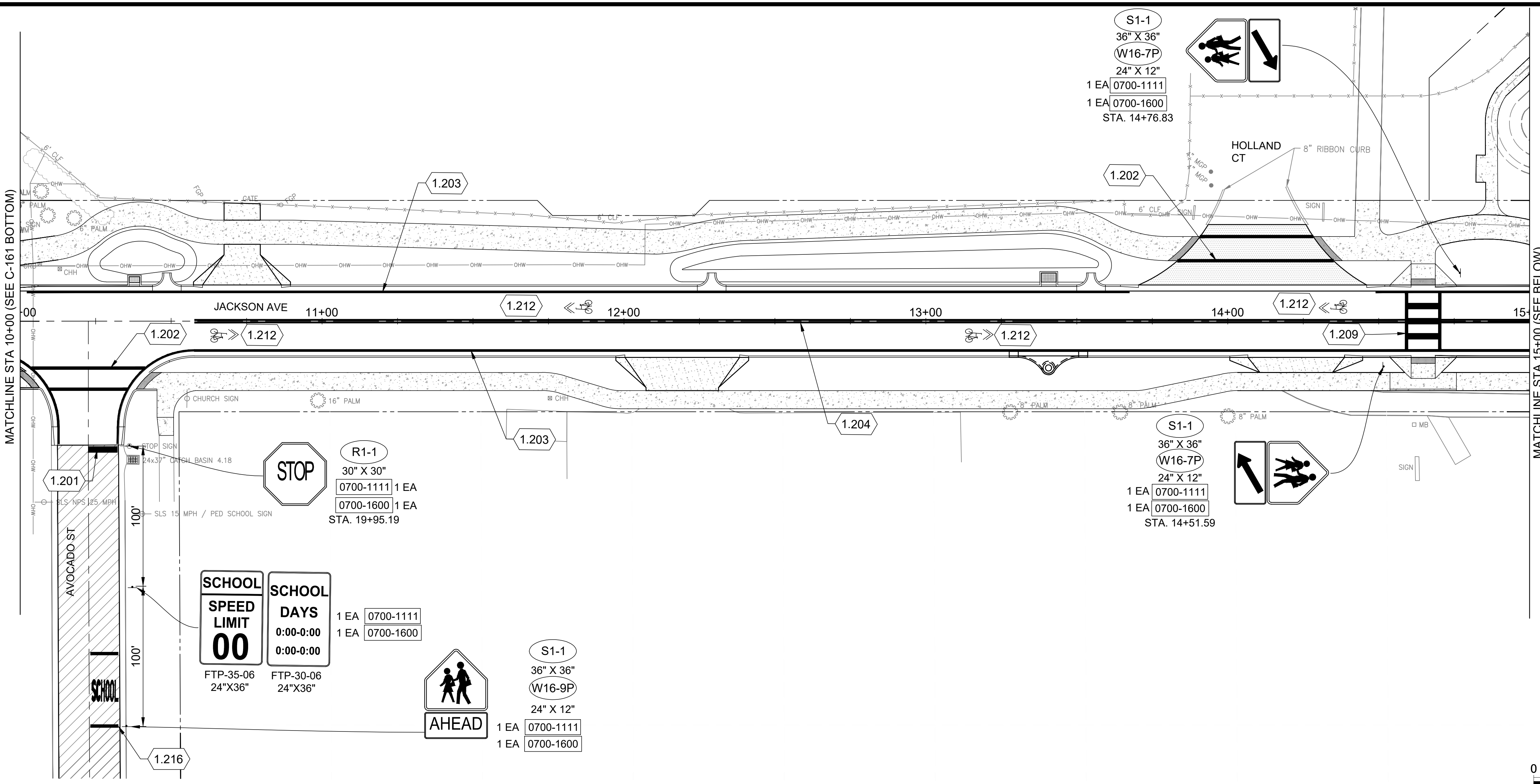
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SHEET CONTENTS  
PAVEMENT  
MARKING AND  
SIGNAGE PLANS

SHEET NO.

# C-162

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- KEYED NOTES:**
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  - 1.202 12" SOLID WHITE PEDESTRIAN CROSSING FDOT INDEX 711-001
  - 1.203 6" SOLID WHITE EDGE OF TRAVELED WAY FDOT INDEX 711-001
  - 1.204 6" DOUBLE SOLID YELLOW LINES FDOT INDEX 711-001
  - 1.209 MID-BLOCK PEDESTRIAN CROSSING FDOT INDEX 711-001
  - 1.212 SHARED LANE PAVEMENT MARKING FDOT INDEX 711-002
  - 1.216 SCHOOL PAVEMENT MARKING FDOT INDEX 711-001

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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

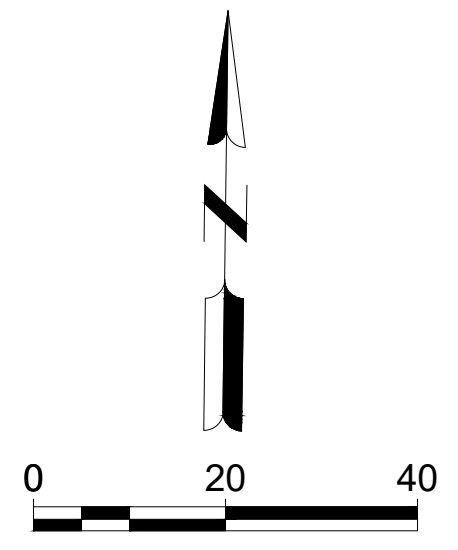
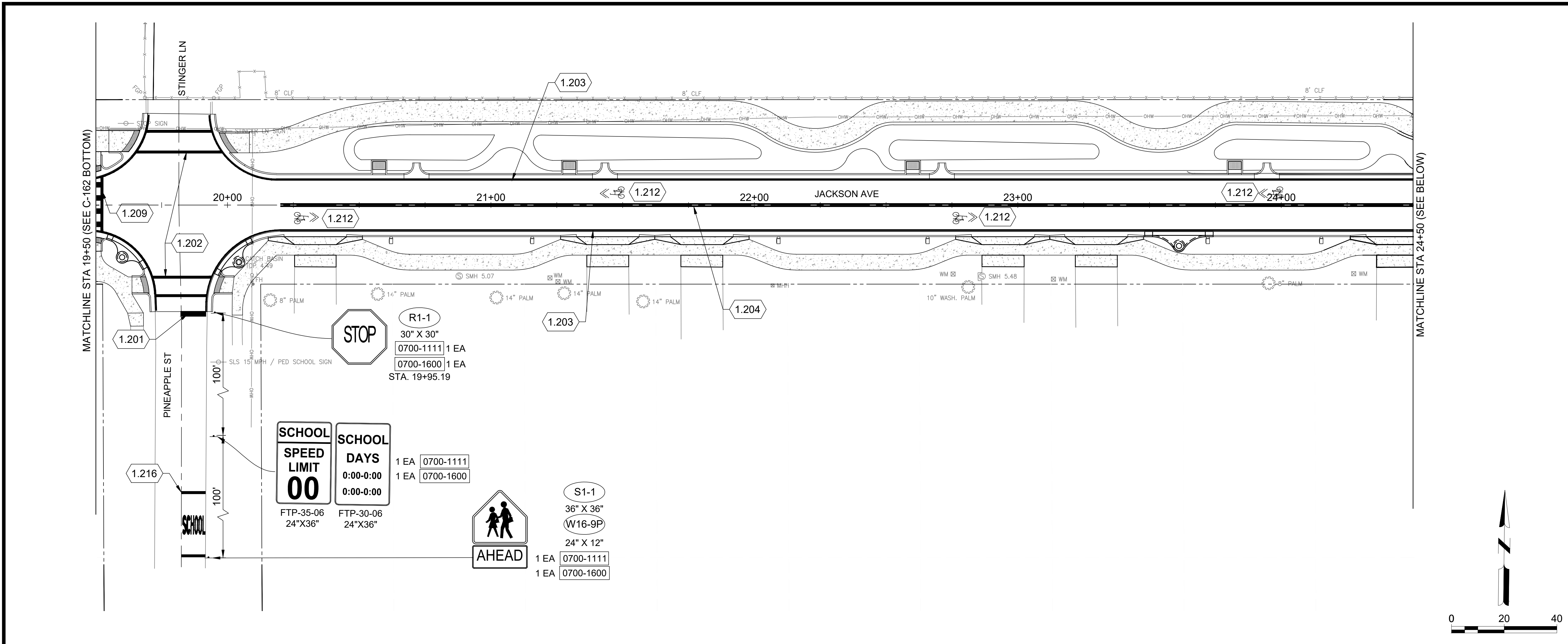
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SHEET CONTENTS  
PAVEMENT  
MARKING AND  
SIGNAGE PLANS

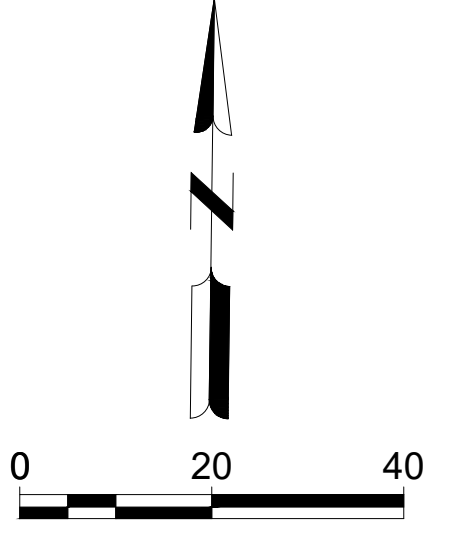
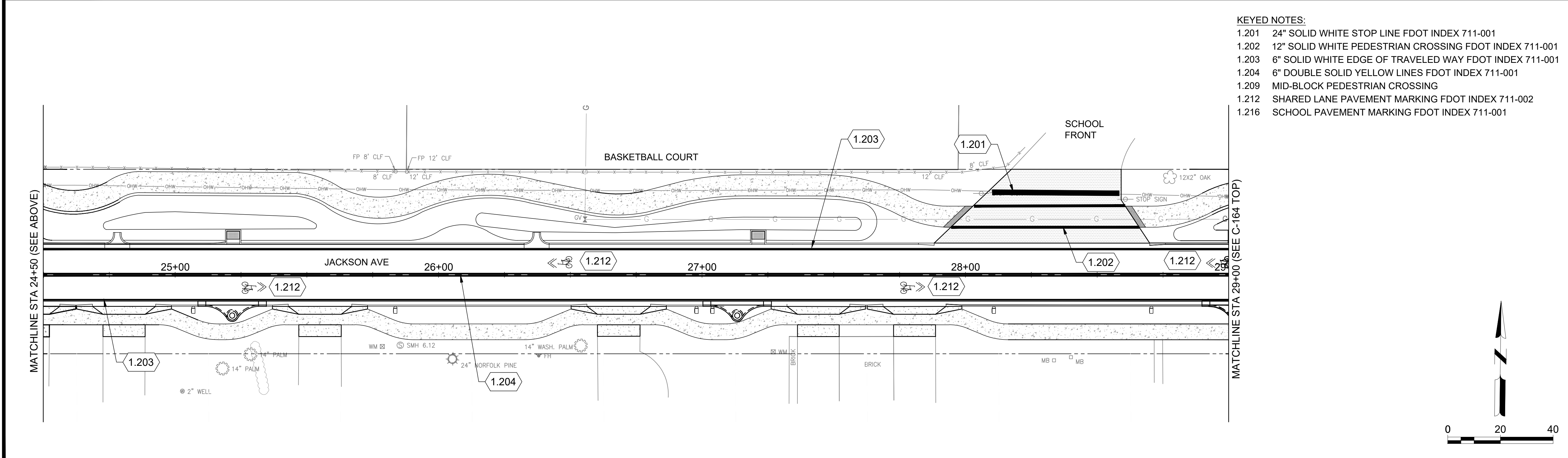
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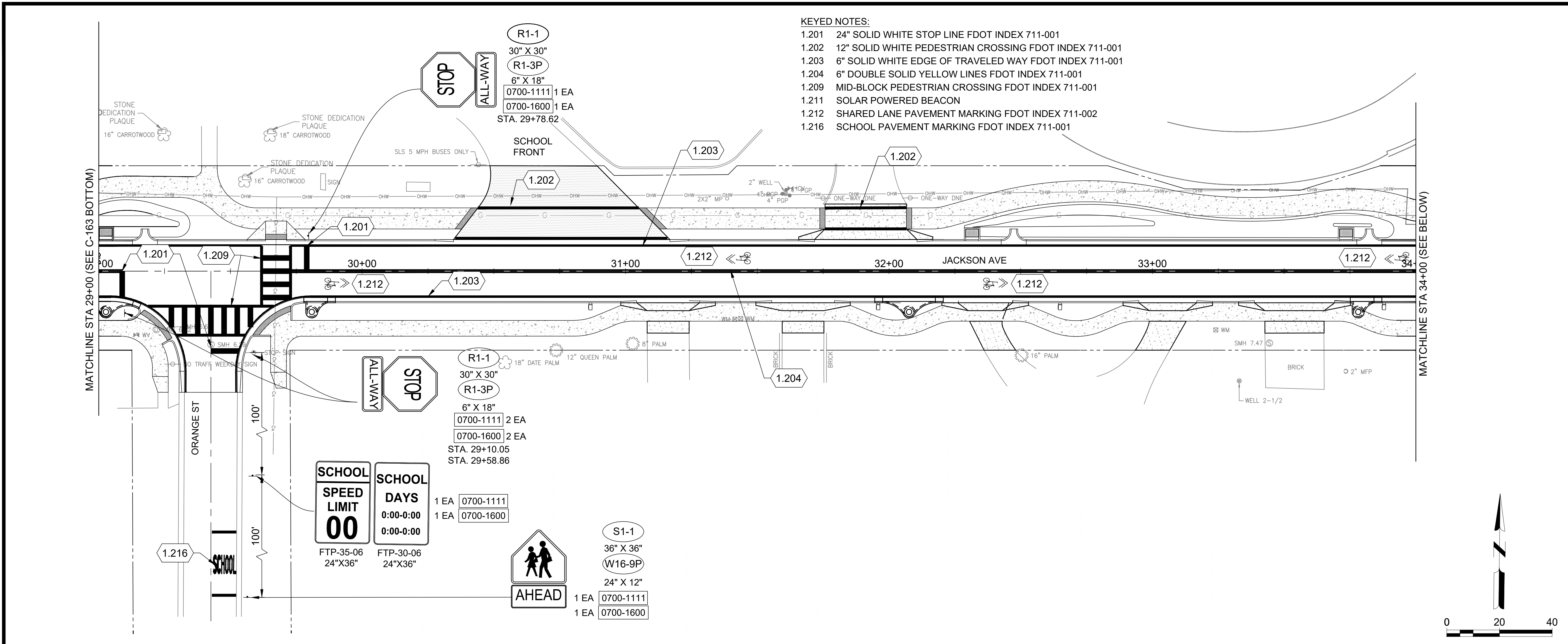
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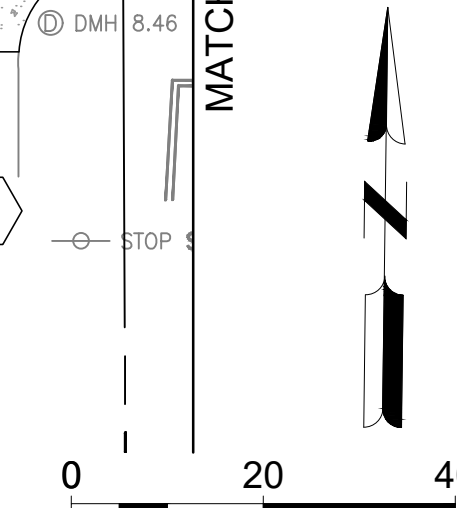
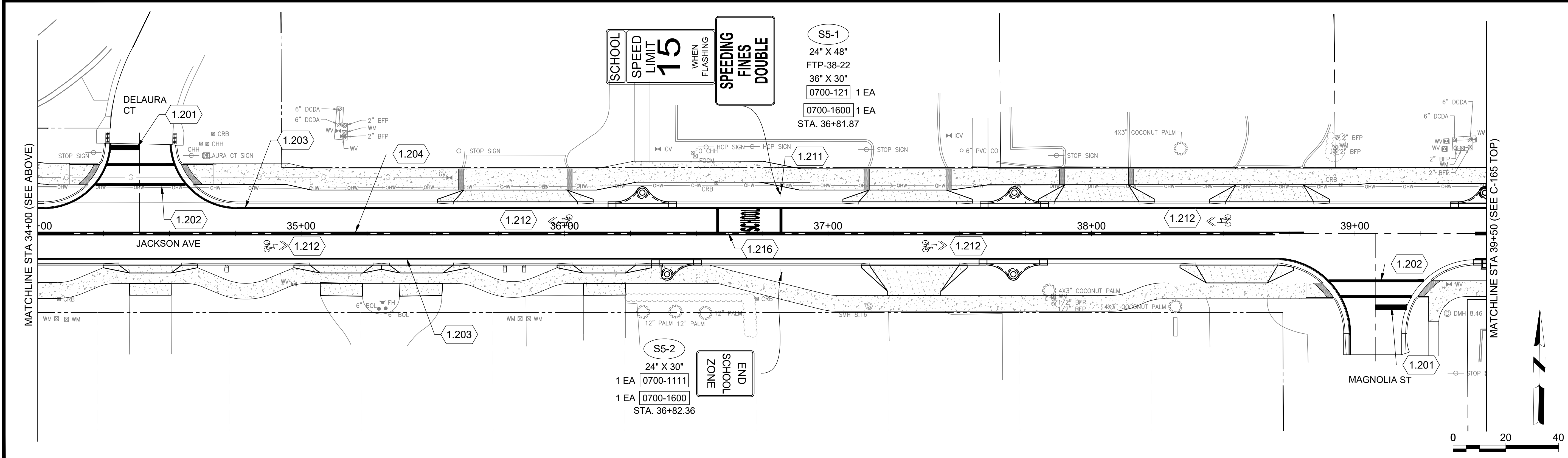
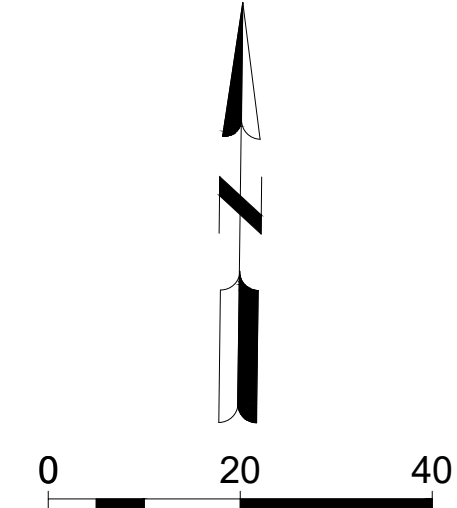
### KEYED NOTES:

- 1.201 24" SOLID WHITE STOP LINE FDOT INDEX 711-001
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- 1.204 6" DOUBLE SOLID YELLOW LINES FDOT INDEX 711-001
- 1.209 MID-BLOCK PEDESTRIAN CROSSING
- 1.212 SHARED LANE PAVEMENT MARKING FDOT INDEX 711-002
- 1.216 SCHOOL PAVEMENT MARKING FDOT INDEX 711-001





- KEYED NOTES:**
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  - 1.212 SHARED LANE PAVEMENT MARKING FDOT INDEX 711-002
  - 1.216 SCHOOL PAVEMENT MARKING FDOT INDEX 711-001



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**CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL**

ISSUED: 03/20/26 IFC SET

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SHEET CONTENTS  
 PAVEMENT  
 MARKING AND  
 SIGNAGE PLANS

SHEET NO.

**C-164**

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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

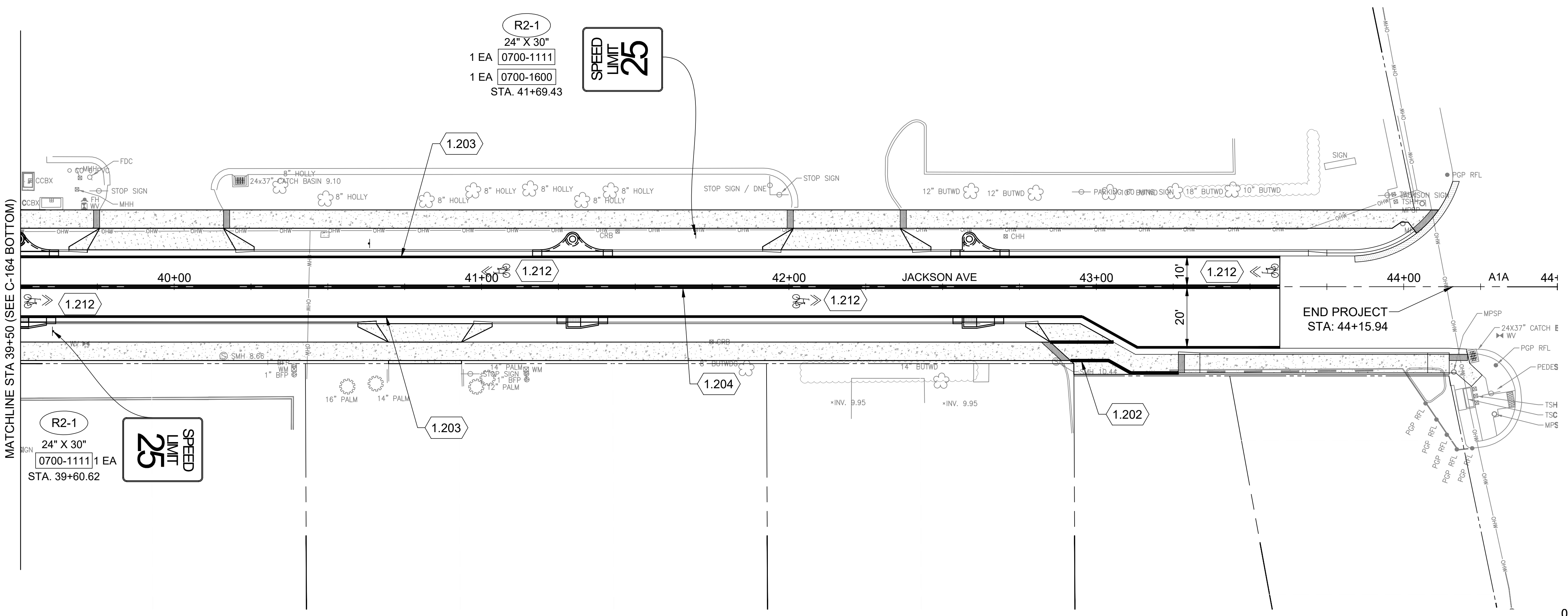
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DESIGNED BY: JG/DAK  
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SHEET CONTENTS  
PAVEMENT  
MARKING AND  
SIGNAGE PLAN

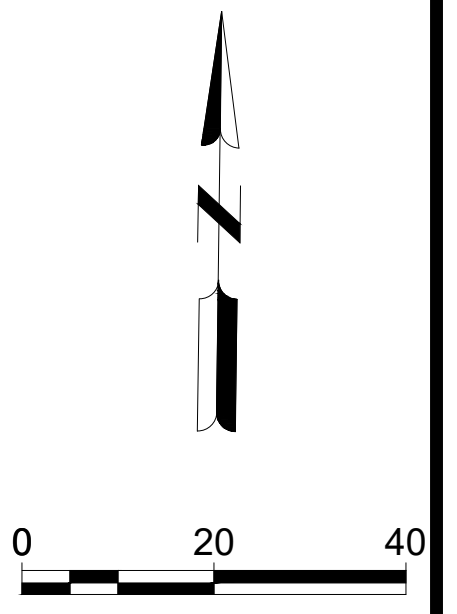
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  - 1.203 6" SOLID WHITE EDGE OF TRAVELED WAY FDOT INDEX 711-001
  - 1.204 6" DOUBLE SOLID YELLOW LINES FDOT INDEX 711-001
  - 1.206 SPEED LIMIT 25 MPH SIGN R2-2
  - 1.212 SHARED LANE PAVEMENT MARKING FDOT INDEX 711-002



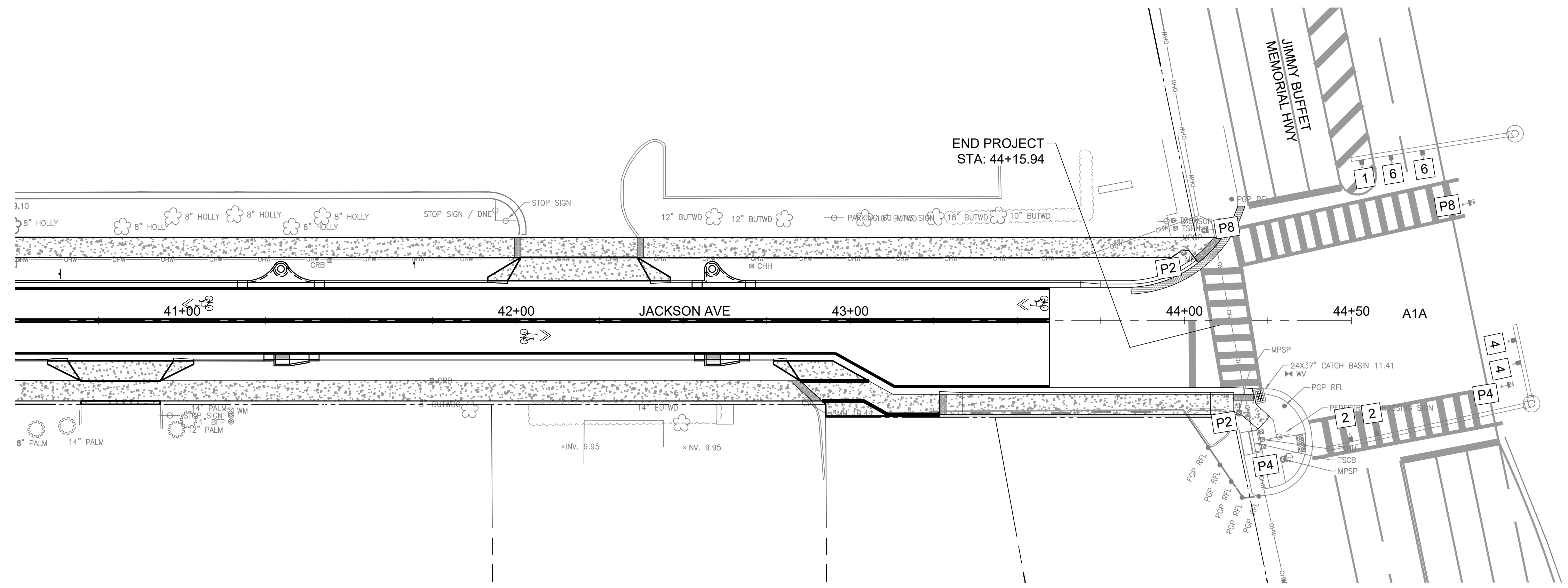
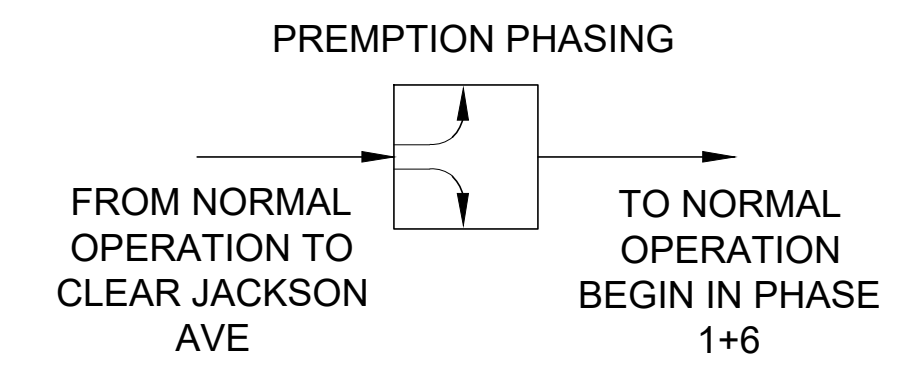
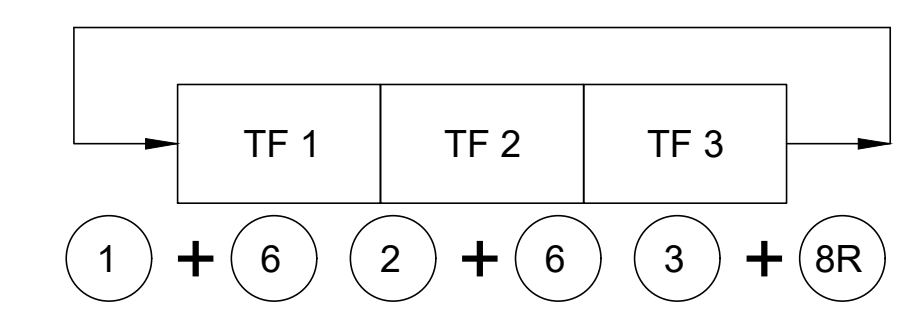
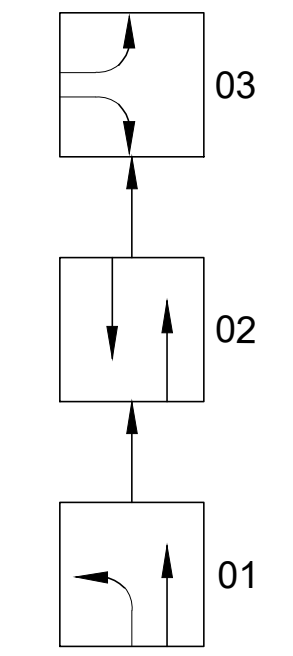
**NOTES:**

1. THE CITY WILL BE RESPONSIBLE TO OBTAIN AND INSTALL A WIRELESS TRANSMITTER AT THE FIRE STATION FOR EMERGENCY PREEMPTION PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE TO FURNISH AND INSTALL THE PREEMPTION SYSTEM AS SHOWN IN THE PLANS AT THE SIGNAL CONTROLLER. THE PREEMPTION SIGNAL PRIORITY SYSTEM SHALL MEET THE REQUIREMENTS AS DESCRIBED IN THE MATERIAL AND SPECIFICATION SECTION 663-SIGNAL PRIORITY AND PREEMPTION SYSTEMS. THE FOLLOWING PAY ITEMS LISTED BELOW SHALL BE INCLUDED IN THE ESTIMATE.  
0663 1131 - 1 EA  
0663 1132 - 1 EA

**CONTROLLER OPERATION NOTES:**

1. MAJOR STREET IS JIMMY BUFFET MEMORIAL HIGHWAY, MOVEMENTS 1, 2 AND 6. THE POSTED SPEED LIMIT IS 35 MPH.
2. THE MINOR STREET IS JACKSON AVENUE, MOVEMENT 4. THE POSTED SPEED LIMIT IS 25 MPH.
3. EXISTING SIGNAL OPERATING PLAN AND EXISTING TIMINGS TO BE MAINTAINED. THE EXISTING TIMING CHART IS NOT SHOWN.
4. ADD EMERGENCY PREEMPTION FOR THE FIRE STATION INTO THE CONTROLLER SETTINGS.

**EXISTING SIGNAL PHASING FOR THE INTERSECTION OF A1A AND JACKSON AVENUE**



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**CITY OF SATELLITE BEACH  
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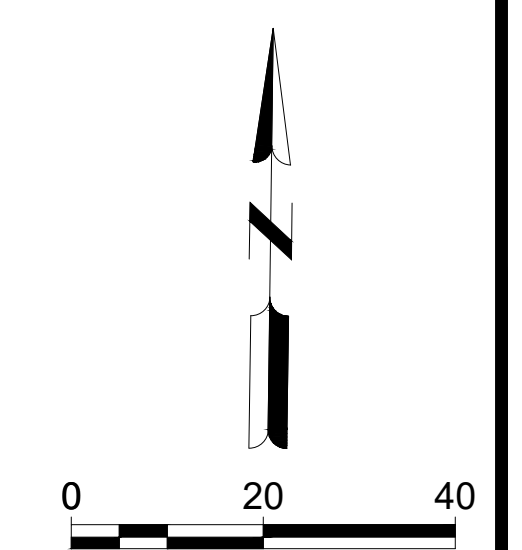
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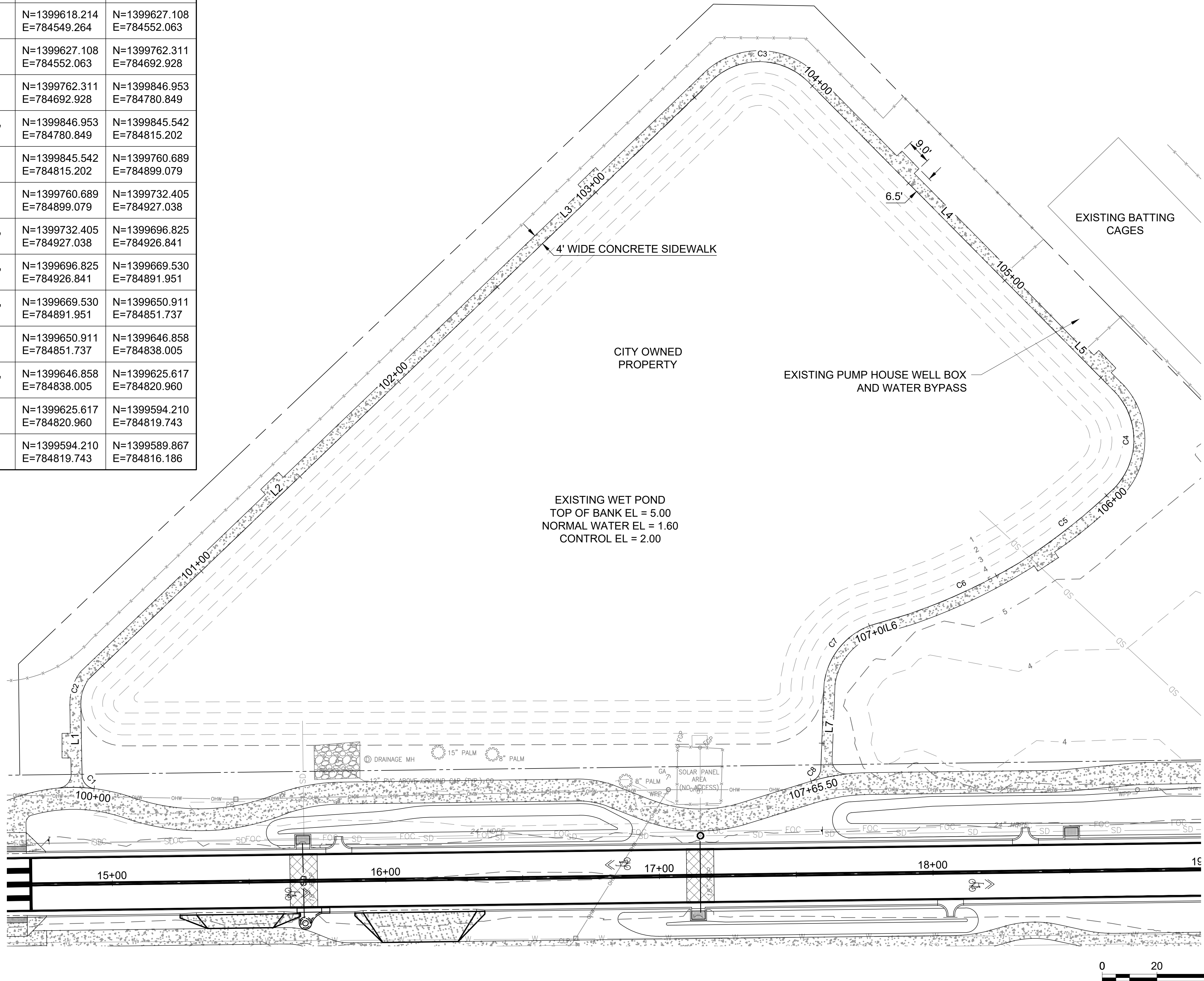
SHEET CONTENTS  
**SIGNAL PLAN AND DETAILS**

SHEET NO.

**C-171**



POND SIDEWALK							
NUMBER	START STATION	LENGTH	RADIUS	DIRECTION	CHORD LENGTH	START COORD.	END COORD.
C1	100+00.00	7.18'	5.00'	N42°09'09"W	6.58'	N=1399587.167 E=784554.134	N=1399592.047 E=784549.716
L1	100+07.18	26.17'		N0°59'26"W		N=1399592.047 E=784549.716	N=1399618.214 E=784549.264
C2	100+33.36	9.48'	15.08'	N17°28'02"E	9.32'	N=1399618.214 E=784549.264	N=1399627.108 E=784552.063
L2	100+42.83	195.25'		N46°10'30"E		N=1399627.108 E=784552.063	N=1399762.311 E=784692.928
L3	102+38.09	122.04'		N46°05'19"E		N=1399762.311 E=784692.928	N=1399846.953 E=784780.849
C3	103+60.13	37.80'	25.31'	S87°38'53"E	34.38'	N=1399846.953 E=784780.849	N=1399845.542 E=784815.202
L4	103+97.93	119.31'		S44°40'07"E		N=1399845.542 E=784815.202	N=1399760.689 E=784899.079
L5	105+17.24	39.77'		S44°40'07"E		N=1399760.689 E=784899.079	N=1399732.405 E=784927.038
C4	105+57.01	39.38'	25.50'	S0°19'05"W	35.58'	N=1399732.405 E=784927.038	N=1399696.825 E=784926.841
C5	105+96.39	44.37'	227.58'	S51°57'46"W	44.30'	N=1399696.825 E=784926.841	N=1399669.530 E=784891.951
C6	106+40.76	44.39'	213.93'	S65°09'22"W	44.32'	N=1399669.530 E=784891.951	N=1399650.911 E=784851.737
L6	106+85.15	14.32'		S73°33'23"W		N=1399650.911 E=784851.737	N=1399646.858 E=784838.005
C7	106+99.47	28.64'	26.18'	S38°44'42"W	27.23'	N=1399646.858 E=784838.005	N=1399625.617 E=784820.960
L7	107+28.11	31.43'		S2°13'09"W		N=1399625.617 E=784820.960	N=1399594.210 E=784819.743
C8	107+59.54	5.96'	5.02'	S39°19'03"W	5.61'	N=1399594.210 E=784819.743	N=1399589.867 E=784816.186



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

NOT FOR CONSTRUCTION

M&H NO: 1000716-172392.03  
 DATE: MARCH 2026  
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SHEET CONTENTS  
 POND SIDEWALK

SHEET NO.  
**C-220**

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## JACKSON AVE STREETScape PHASING NOTES

THE INTENT OF EACH PHASE IS TO REMOVE AND REPLACE ALL SIDEWALKS ON THE NORTH AND SOUTH SIDE OF JACKSON AVE. REPLACE ALL CURBING AND GUTTER. ADD ADDITIONAL STORMWATER TREATMENT TO THE EXISTING STORMWATER MANAGEMENT SYSTEM.

PROJECT SPECIFIC REQUIREMENTS: SCHOOL ZONE, FIRE DEPARTMENT

WORK ZONE SPEED: 25 MPH

### PHASE 1A:

1. INSTALL TEMPORARY SEDIMENT BARRIERS PER EROSION CONTROL SHEETS
2. AUXILIARY LANE CLOSURE PER FDOT INDEX 102-600
3. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
4. SOUTH SIDEWALK CLOSURE
5. REMOVAL AND REPLACEMENT OF EXISTING SOUTH SIDEWALK
6. OPEN SOUTH SIDEWALK UPON WORK COMPLETION

### PHASE 1B:

1. JACKSON AVE ROAD CLOSURE TO THRU TRAFFIC. OPEN TO RESIDENT AND LOCAL BUSINESS TRAFFIC.
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. NORTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING NORTH SIDEWALK
5. CURB REPLACEMENT AND ROAD CONSTRUCTION PER PLANS.
6. REMOVAL OF REMAINING TEMPORARY PEDESTRIAN DETOURS IN PHASE 1A/1B.
7. OPEN NORTH SIDEWALK UPON WORK COMPLETION.
8. MILLING AND RESURFACING JACKSON AVE.
9. TEMPORARY STRIPPING OF STOP BARS AND CROSSWALKS

### PHASE 2A:

1. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
2. NORTH SIDEWALK CLOSURE
3. REMOVAL AND REPLACEMENT OF EXISTING NORTH SIDEWALK
4. OPEN NORTH SIDEWALK UPON WORK COMPLETION

### PHASE 2B:

1. JACKSON AVE ROAD CLOSURE TO THRU TRAFFIC. OPEN TO RESIDENT AND LOCAL BUSINESS TRAFFIC.
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. SOUTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING SOUTH SIDEWALK
5. CURB REPLACEMENT AND ROAD CONSTRUCTION PER PLANS.
6. REMOVAL OF REMAINING TEMPORARY PEDESTRIAN DETOURS IN PHASE 2A/2B.
7. OPEN SOUTH SIDEWALK UPON WORK COMPLETION.
8. MILLING AND RESURFACING JACKSON AVE.
9. TEMPORARY STRIPPING OF STOP BARS AND CROSSWALKS

### PHASE 3A:

1. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
2. NORTH SIDEWALK CLOSURE
3. REMOVAL AND REPLACEMENT OF EXISTING NORTH SIDEWALK
4. OPEN NORTH SIDEWALK UPON WORK COMPLETION

### PHASE 3B:

1. JACKSON AVE ROAD CLOSURE TO THRU TRAFFIC. OPEN TO RESIDENT AND LOCAL BUSINESS TRAFFIC.
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. SOUTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING SOUTH SIDEWALK
5. CURB REPLACEMENT AND ROAD CONSTRUCTION PER PLANS.
6. REMOVAL OF REMAINING TEMPORARY PEDESTRIAN DETOURS IN PHASE 2A/2B.
7. OPEN SOUTH SIDEWALK UPON WORK COMPLETION.
8. MILLING AND RESURFACING JACKSON AVE.
9. TEMPORARY STRIPPING OF STOP BARS AND CROSSWALKS

### PHASE 4A:

1. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
2. NORTH SIDEWALK CLOSURE
3. REMOVAL AND REPLACEMENT OF EXISTING NORTH SIDEWALK
4. OPEN NORTH SIDEWALK UPON WORK COMPLETION

### PHASE 4B:

1. JACKSON AVE ROAD CLOSURE TO THRU TRAFFIC. OPEN TO RESIDENT AND LOCAL BUSINESS TRAFFIC.
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. SOUTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING SOUTH SIDEWALK
5. CURB REPLACEMENT AND ROAD CONSTRUCTION PER PLANS.
6. REMOVAL OF REMAINING TEMPORARY PEDESTRIAN DETOURS IN PHASE 2A/2B.
7. OPEN SOUTH SIDEWALK UPON WORK COMPLETION.
8. MILLING AND RESURFACING JACKSON AVE.
9. TEMPORARY STRIPPING OF STOP BARS AND CROSSWALKS

### PHASE 5A:

1. AUXILIARY LANE CLOSURE PER FDOT INDEX 102-600
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. NORTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING NORTH SIDEWALK
5. OPEN NORTH SIDEWALK UPON WORK COMPLETION

### PHASE 5B:

1. JACKSON AVE ROAD CLOSURE TO THRU TRAFFIC. OPEN TO RESIDENT AND LOCAL BUSINESS TRAFFIC.
2. FURNISH TEMPORARY SIDEWALK AND PEDESTRIAN CROSSING PER TTCP
3. SOUTH SIDEWALK CLOSURE
4. REMOVAL AND REPLACEMENT OF EXISTING SOUTH SIDEWALK
5. CURB REPLACEMENT AND ROAD CONSTRUCTION PER PLANS.
6. REMOVAL OF REMAINING TEMPORARY PEDESTRIAN DETOURS IN PHASE 2A/2B.
7. OPEN SOUTH SIDEWALK UPON WORK COMPLETION.
8. MILLING AND RESURFACING JACKSON AVE.
9. FINAL SURFACE COAT INSTALLATION
10. TEMPORARY STRIPPING OF STOP BARS AND CROSSWALKS
11. POST 14 DAY CURE TIME OF FINAL SURFACE COAT, THERMOPLASTIC STRIPPING INSTALLED




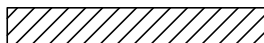


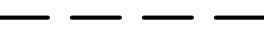


## GENERAL TRAFFIC CONTROL / MAINTENANCE OF TRAFFIC NOTES:

1. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE PLANS, U.S. DEPARTMENT OF TRANSPORTATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "STANDARD PLANS" (ALL LATEST EDITIONS).
2. THE CONTRACTOR SHALL SUBMIT A COMPREHENSIVE TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO BEGINNING ANY WORK ON THE SITE. IF WORK WILL ADVANCE IN SECTIONS OR STAGES, THE TRAFFIC CONTROL PLAN SHALL REFLECT THE REQUIRED TRAFFIC CONTROL AND MAINTENANCE ASSOCIATED WITH EACH STAGE.
3. CONTRACTOR SHALL NOTE THAT THERE ARE SIDEWALKS ADJACENT TO THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL PEDESTRIAN TRAFFIC ON THESE SIDEWALKS IS SAFELY MAINTAINED.
4. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN EFFECTIVE BARRICADES, WARNING SIGNALS, SIGNS AND PEDESTRIAN DETOURS IN ALL AREAS WHERE REQUIRED FOR THE PROTECTION OF THE WORK AND SAFETY OF THE PUBLIC.
5. CAUTION SHALL BE TAKEN WHEN PLACING SIGNAGE TO AVOID BLOCKING SIGHT DISTANCES AT INTERSECTIONS OR ANY TRAFFIC CONTROL DEVICES.
6. CONTRACTOR WILL BE RESPONSIBLE FOR ADEQUATELY BARRICADING AND SECURING AREAS WITHIN THE CONSTRUCTION ZONE THAT CREATE A DROP-OFF FOR VEHICULAR OR PEDESTRIAN ACCESS.
7. VEHICULAR AND PEDESTRIAN ACCESS SHALL BE MAINTAINED FOR ALL RESIDENTS AND EMERGENCY RESPONSE VEHICLES.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE SUBMITTALS AND OBTAIN ALL NECESSARY PERMITS RELATED TO TRAFFIC CONTROL WITHIN CITY AND COUNTY RIGHT-OF -WAYS.
9. ALL SIGNS SHALL BE POST MOUNTED UNLESS OTHERWISE NOTED. FLASHING BEACONS TO BE INSTALLED AS INDICATED.
10. CONTRACTOR TO PROVIDE DETOUR FOR SIDEWALK CONSTRUCTION (CLOSURE) ON SR513 AND SRA1A INTERSECTION.
11. CONTRACTOR TO USE FDOT STANDARD PLAN INDEX FOR LANE CLOSURES ON SR513 AND SRA1A.
12. CONTRACTOR TO PROVIDE PEDESTRIAN DETOUR TO MAINTAIN ACCESS TO SIDEWALK.
13. CONTRACTOR TO PROVIDE ACCESS FOR LOCAL RESIDENCE AND BUSINESS TRAFFIC FROM EACH DIRECTION DURING CONSTRUCTION OF EACH PROJECT PHASE.
14. SPECIAL PEDESTRIAN DETOUR REQUIRED SHALL INCLUDE TEMPORARY PAVEMENT MARKINGS, CURB RAMPS, DETECTABLE WARNINGS, AND SIGNAGE TO ENSURE ADA COMPLIANCE.

### CLOSURE REFERENCES:

FDOT INDEX 102-600  
FDOT INDEX 102-625  
FDOT INDEX 102-660

### LEGEND:

-  TYPE III BARRICADE
-  PEDESTRIAN LCD
-  TEMPORARY TRAFFIC SIGN
-  TEMPORARY SIDEWALK
-  WORK ZONE
-  PEDESTRIAN
-  EXISTING SIDEWALK
-  TEMPORARY CROSSWALK
-  CHANNELIZING DEVICE

# Mead & Hunt

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CITY OF SATELLITE BEACH  
 JACKSON AVE.  
 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL

ISSUED  
03/20/26 IFC SET

M&H NO.: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: ES/DAK  
DRAWN BY: CAJ  
CHECKED BY: DAK  
DO NOT SCALE DRAWINGS

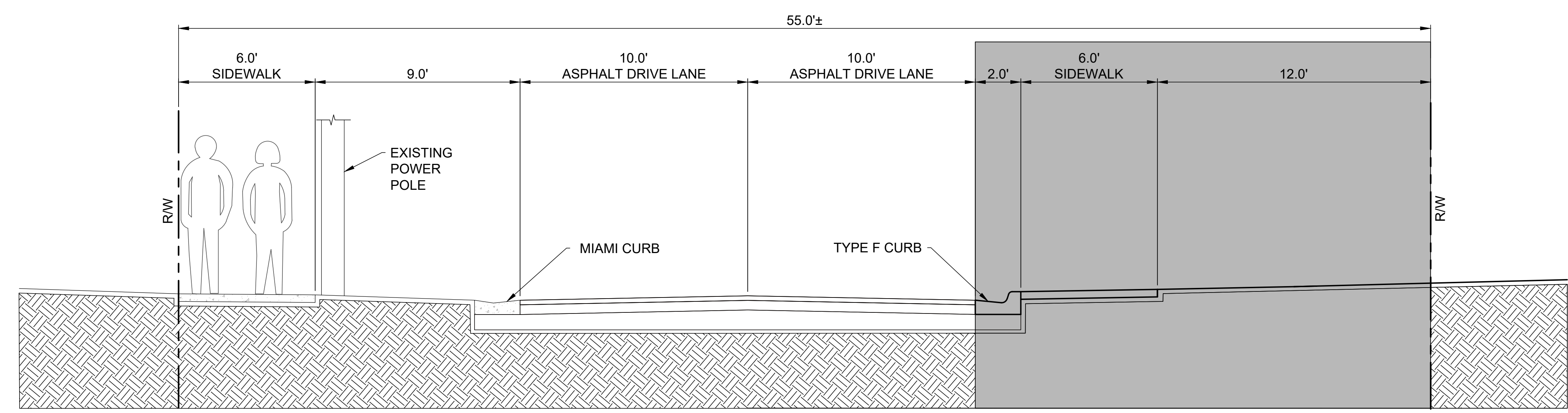
SHEET CONTENTS  
MOT PHASE AND  
GENERAL NOTES

SHEET NO.

# C-400

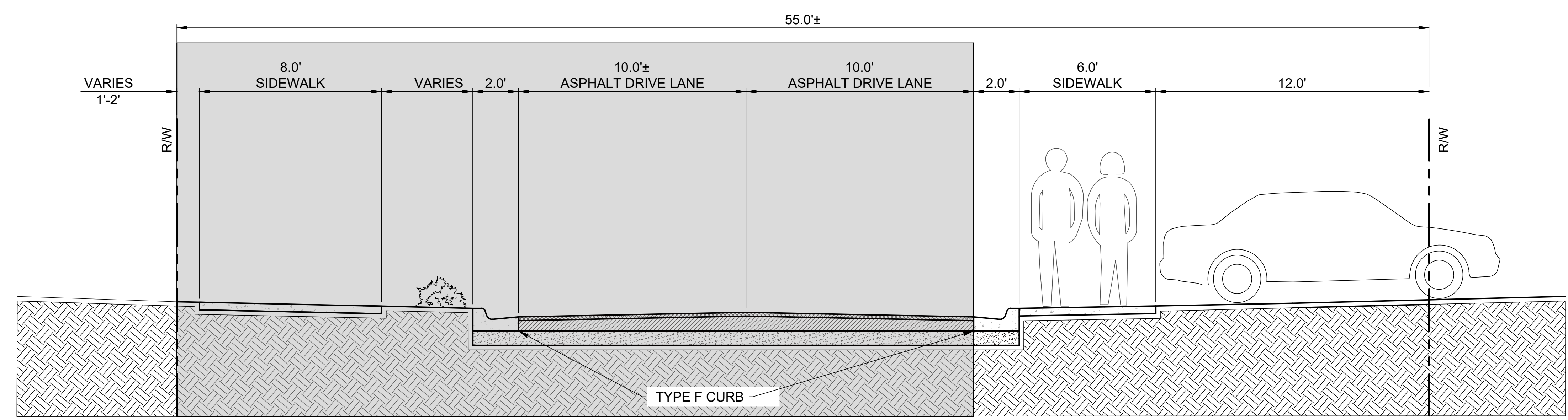
CLOSURE REFERENCES:  
FDOT INDEX 102-600  
FDOT INDEX 102-625  
FDOT INDEX 102-660

LEGEND:  
[Grey Box] WORK ZONE



SECTION 1 PHASE A

1 S PATRICK DR TO HOLLAND CT  
STA: 0+00 TO STA: 9+75  
LOOKING EAST



SECTION 1 PHASE B

2 S PATRICK DR TO HOLLAND CT  
STA: 0+00 TO STA: 9+75  
LOOKING EAST

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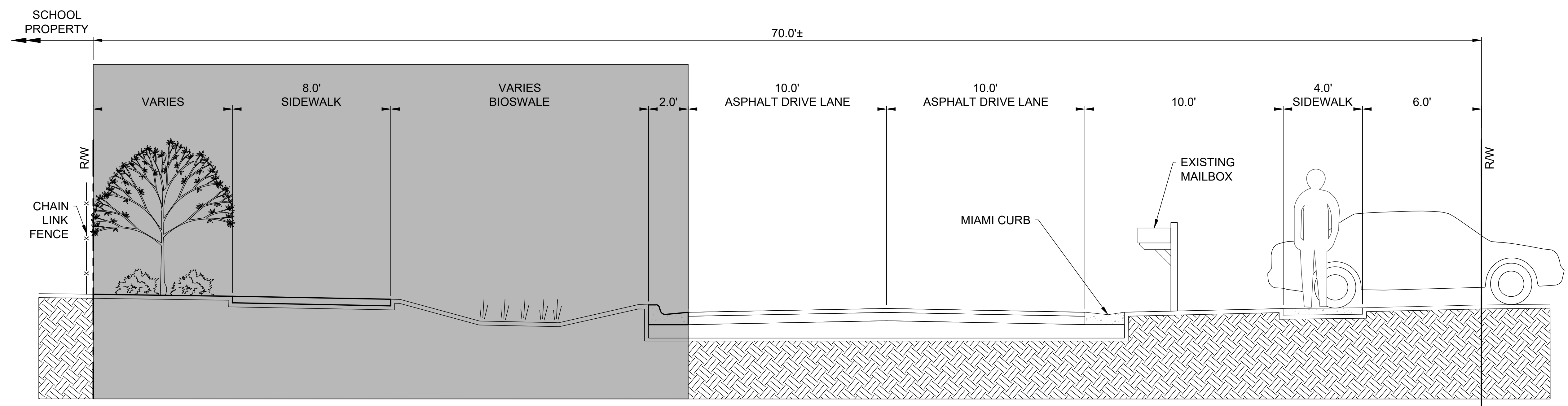
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SHEET NO.

C-401

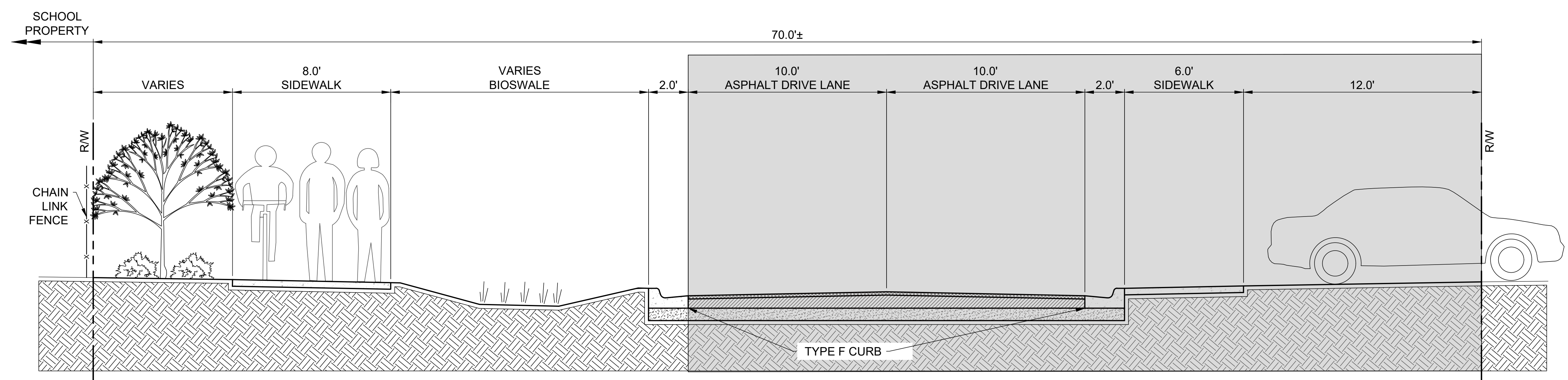
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FDOT INDEX 102-600  
FDOT INDEX 102-625  
FDOT INDEX 102-660

LEGEND:  
[WORK ZONE] WORK ZONE



SECTION 2,3,4 PHASE A

1 **HOLLAND CT TO DELAURA CT**  
**STA: 9+75 TO STA: 34+75**  
LOOKING EAST



SECTION 2,3,4 PHASE B

2 **HOLLAND CT TO DELAURA CT**  
**STA: 9+75 TO STA: 34+75**  
LOOKING EAST

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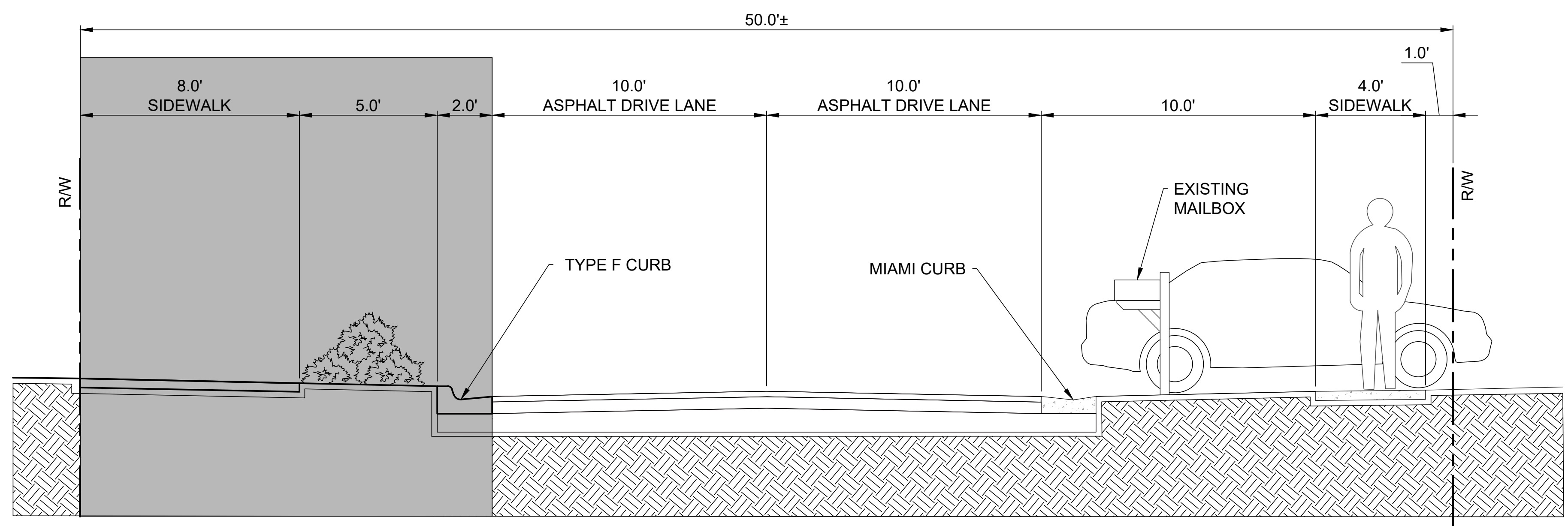
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MOT TYPICAL SECTIONS

SHEET NO.

**C-402**

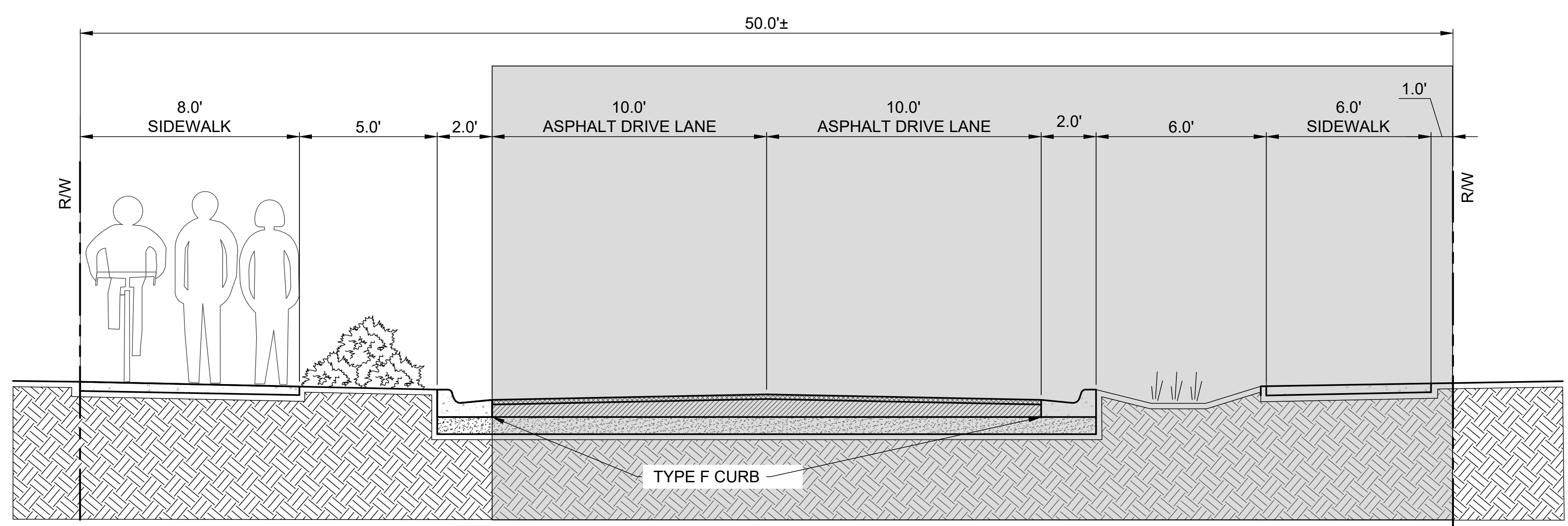
CLOSURE REFERENCES:  
FDOT INDEX 102-600  
FDOT INDEX 102-625  
FDOT INDEX 102-660

LEGEND:  
[WORK ZONE] WORK ZONE



SECTION 4, 5 PHASE A

1 DELAURA CT TO HWY A1A  
STA: 34+75 TO STA: 44+00  
LOOKING EAST



SECTION 4, 5 PHASE B

2 DELAURA CT TO HWY A1A  
STA: 34+75 TO STA: 44+00  
LOOKING EAST



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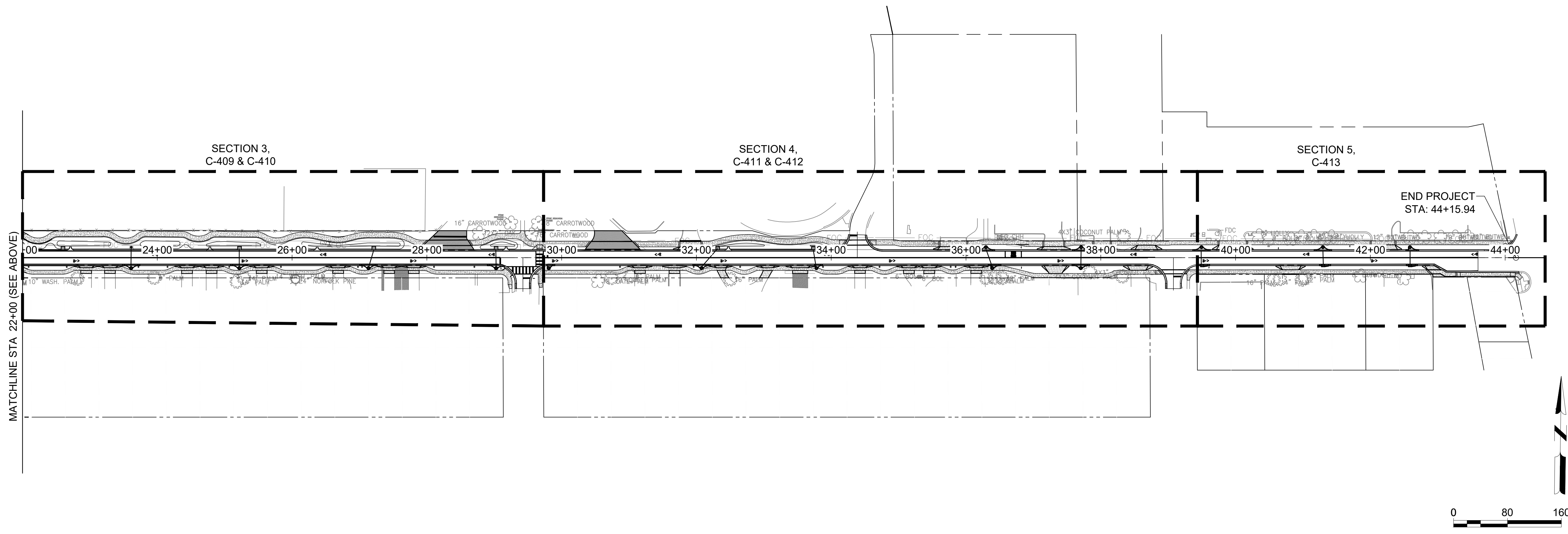
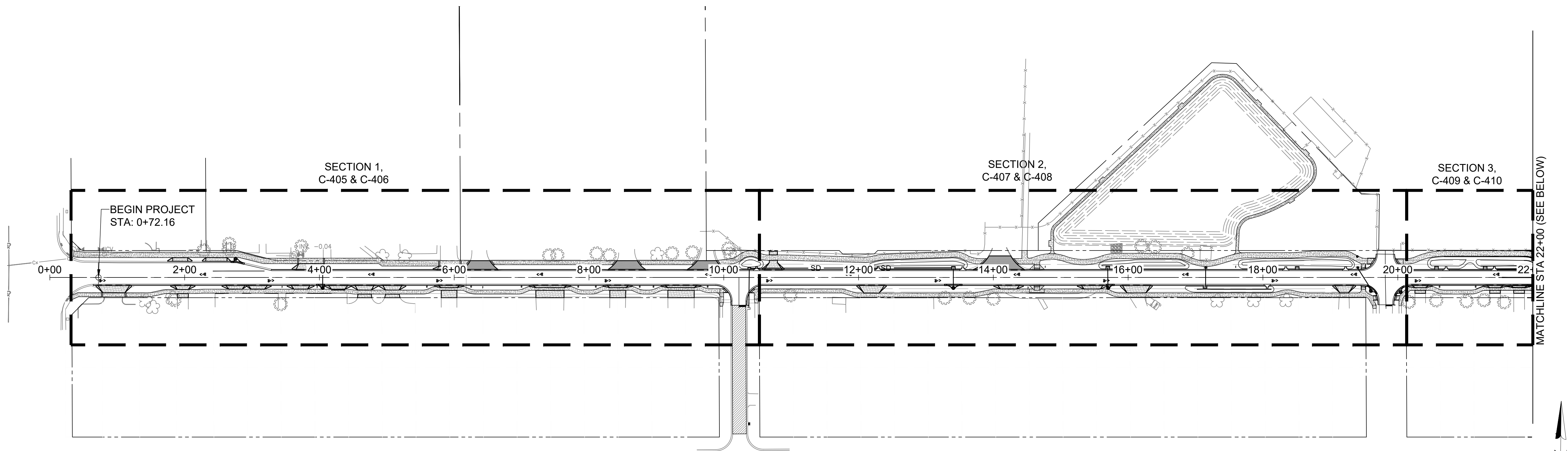
SHEET CONTENTS  
MOT TYPICAL SECTIONS

SHEET NO.

C-403



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**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

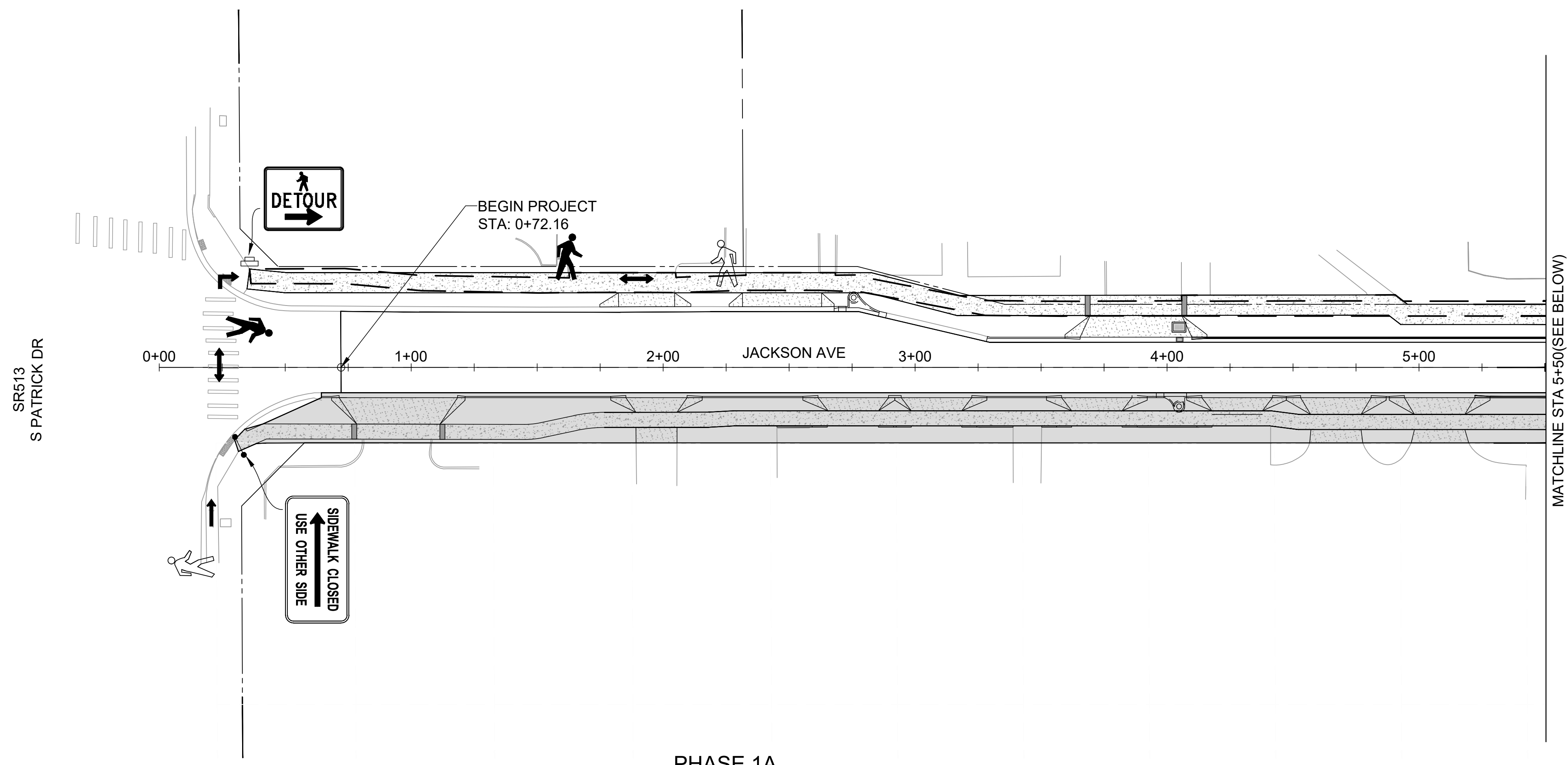
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 DATE: MARCH 2026  
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 DRAWN BY: CAJ  
 CHECKED BY: DAK  
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SHEET CONTENTS  
**KEY MOT PLAN**

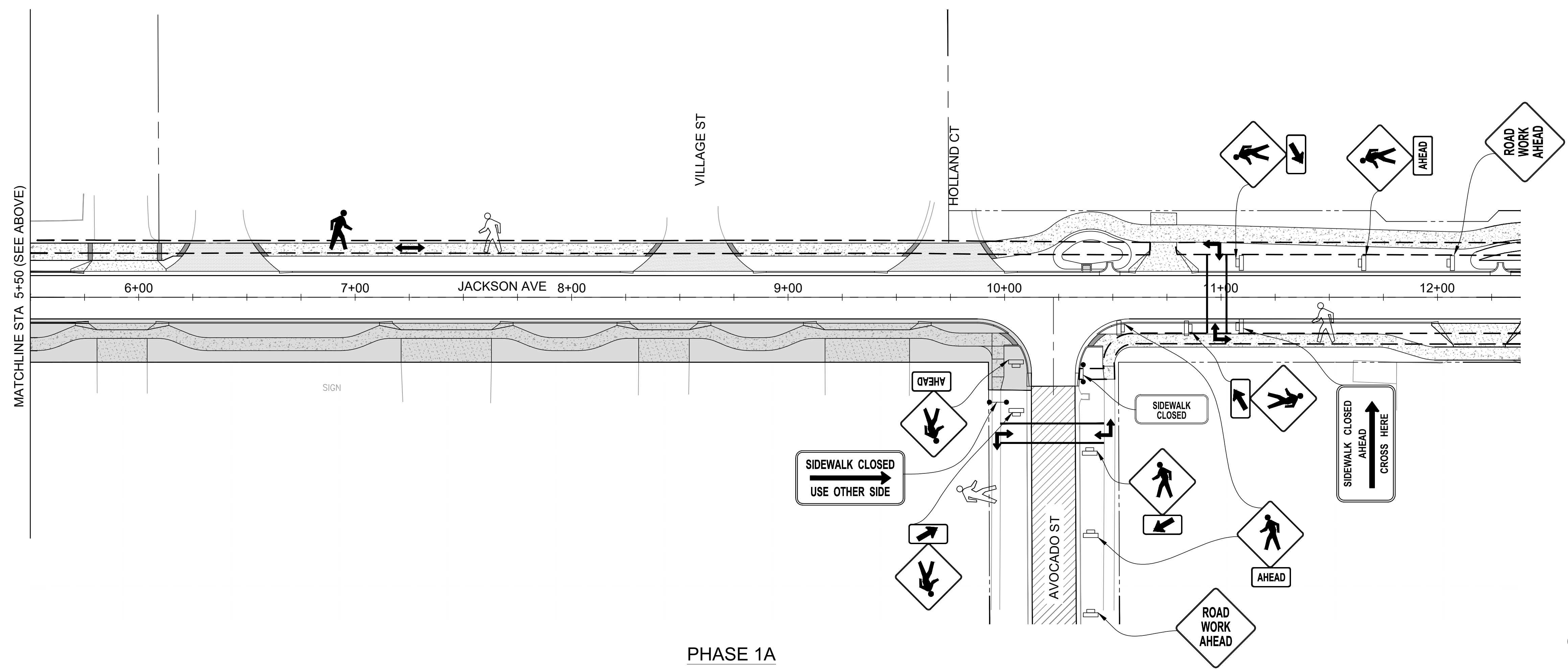
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**C-404**

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PHASE 1A



PHASE 1A



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**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

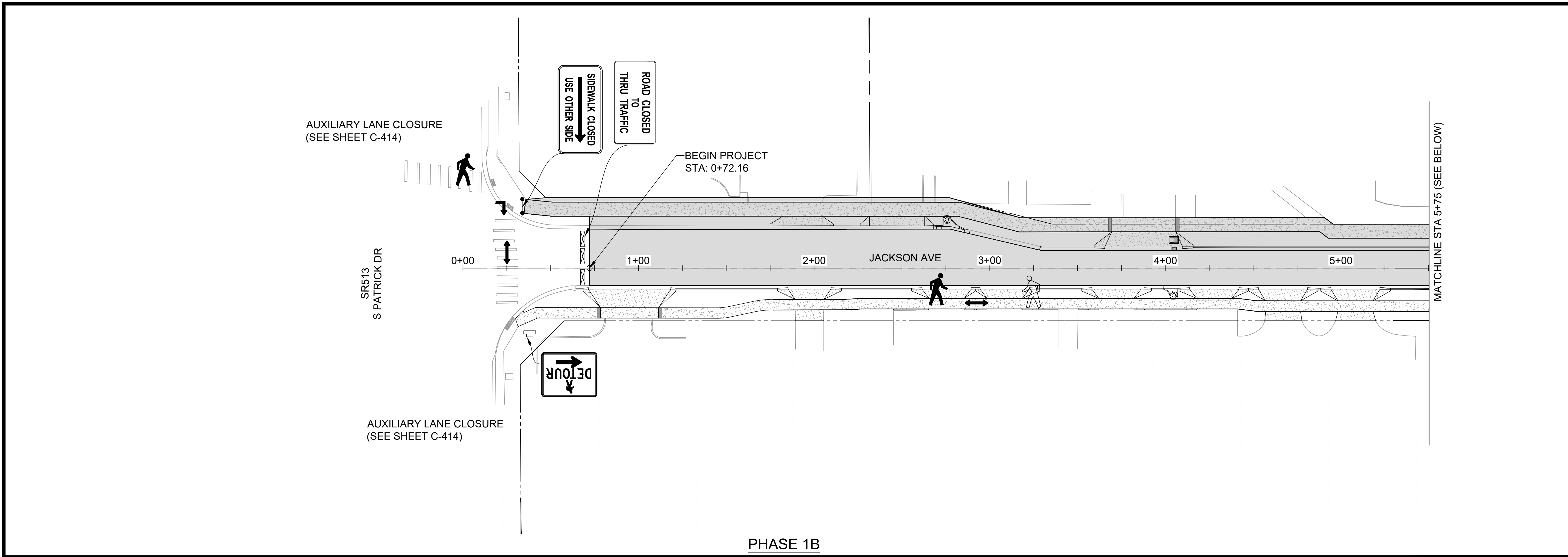
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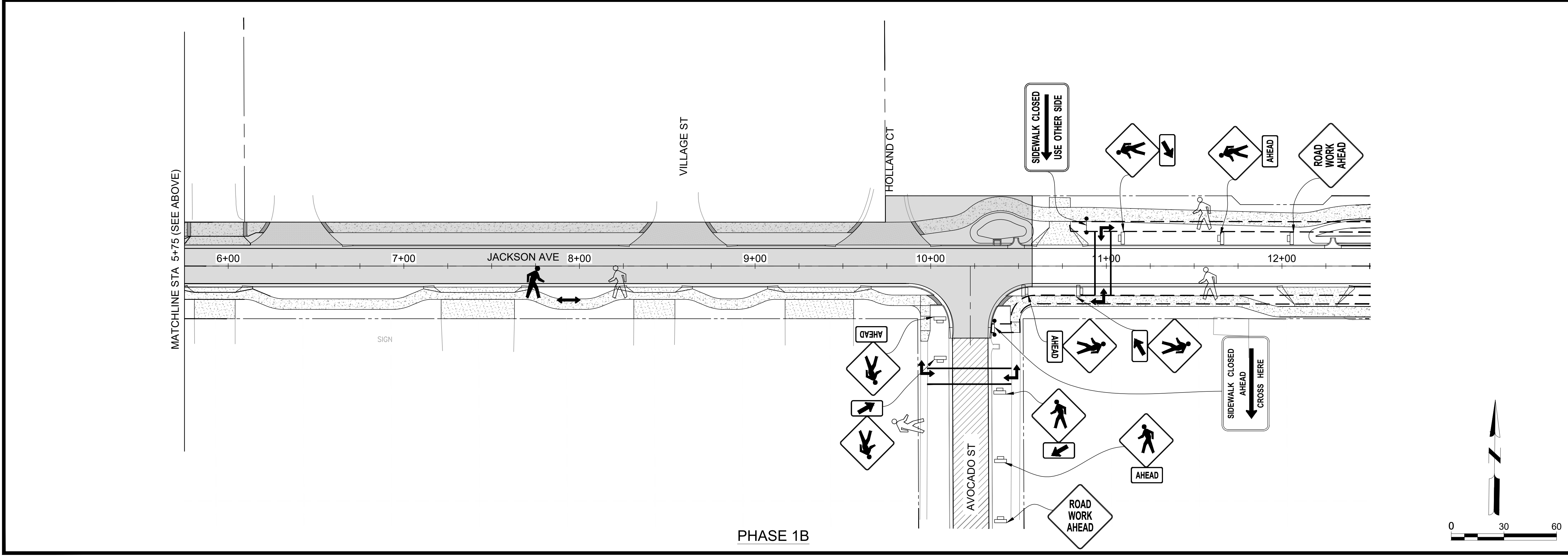
SHEET CONTENTS  
 PHASE 1A MOT  
 PLAN

SHEET NO.

**C-405**



PHASE 1B



PHASE 1B



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SHEET CONTENTS  
 PHASE 1B MOT  
 PLAN

SHEET NO.

**C-406**

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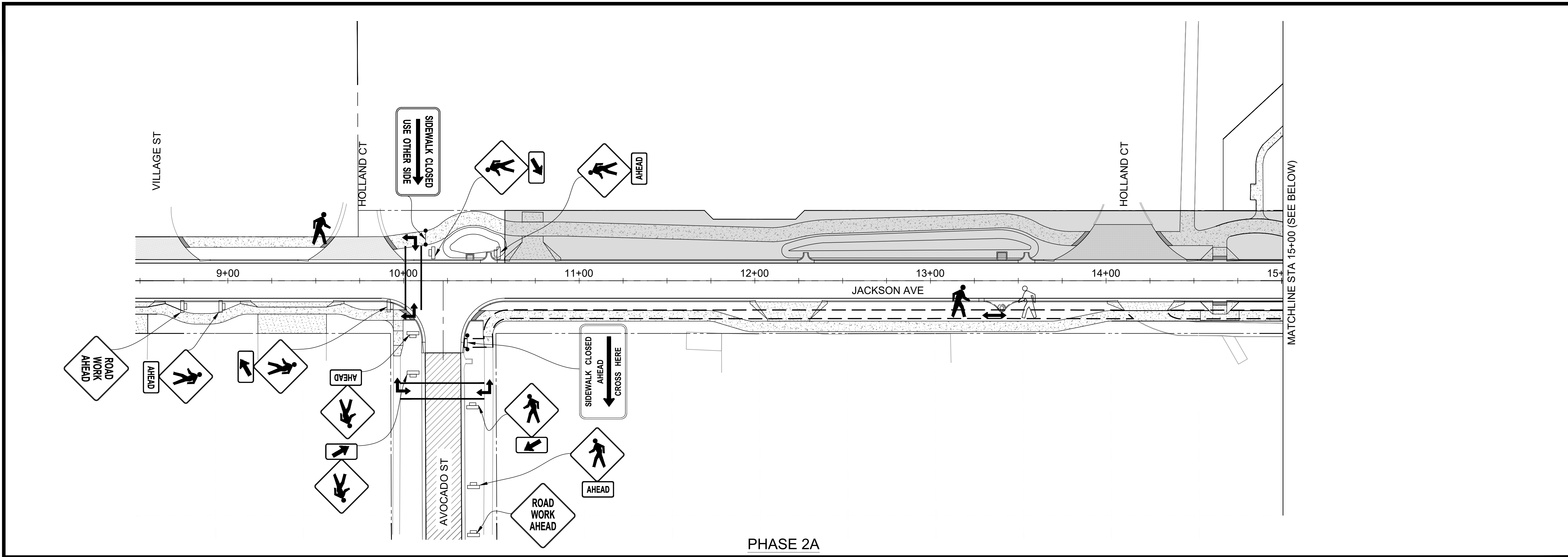
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SHEET CONTENTS  
PHASE 2A MOT  
PLAN

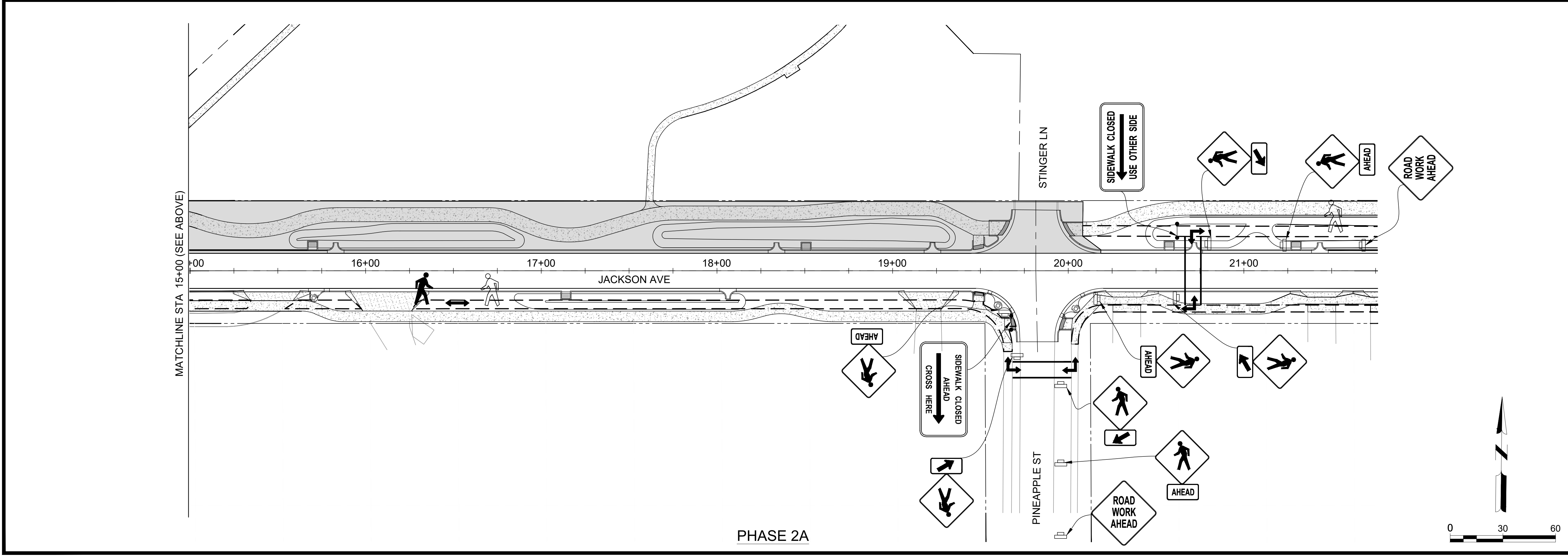
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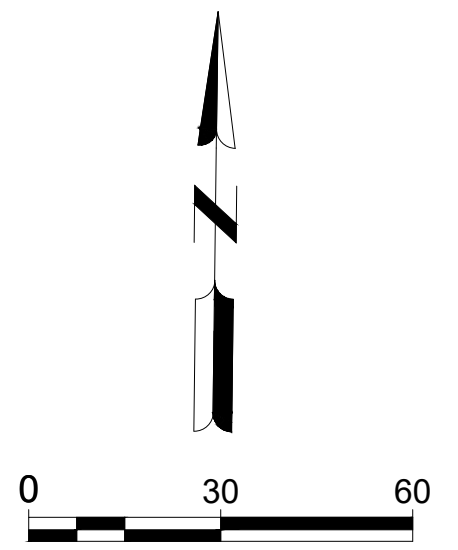
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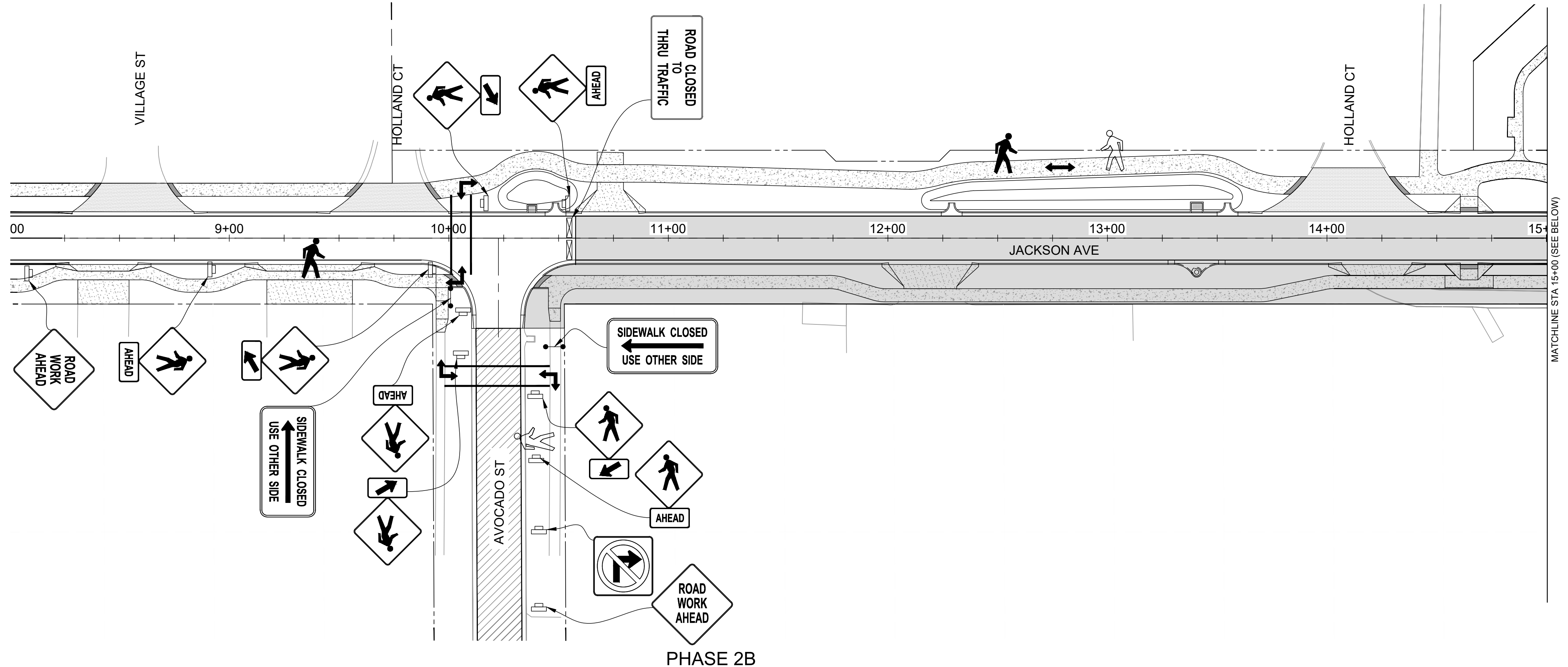
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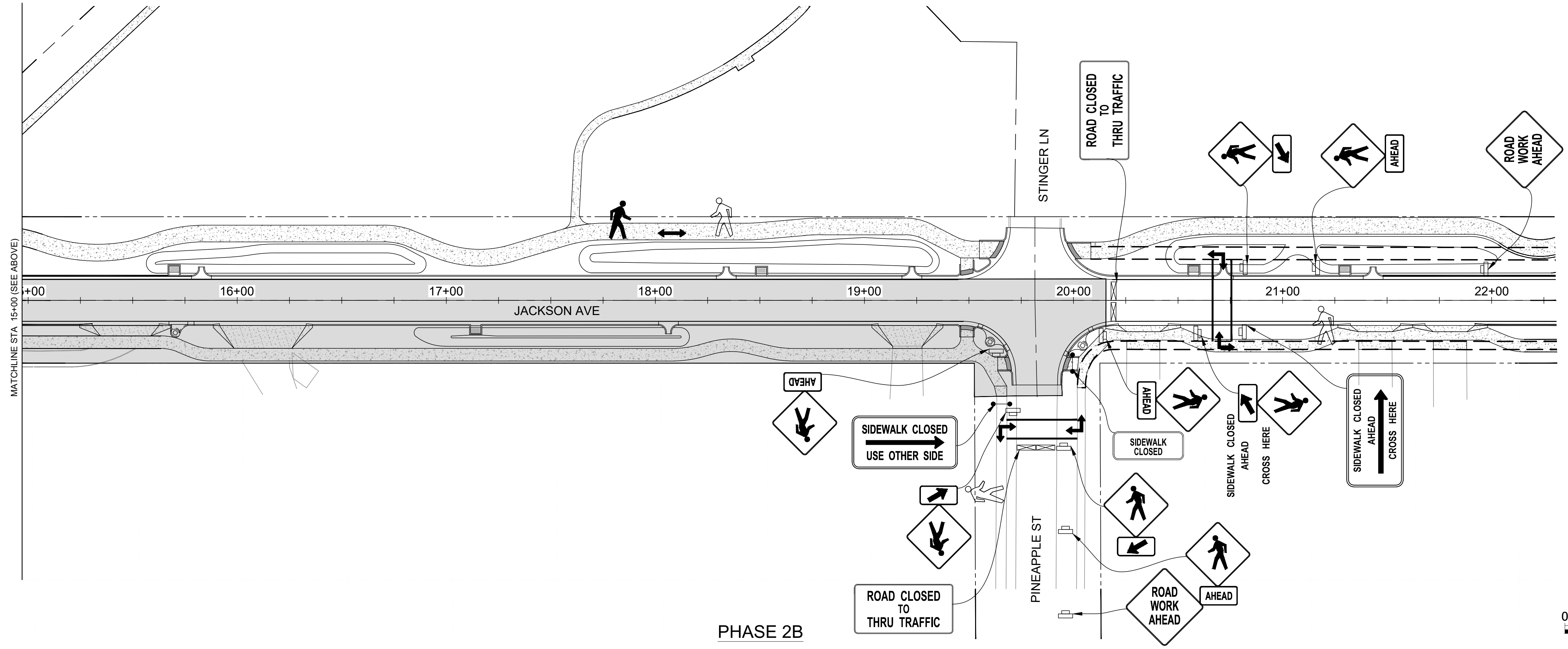
PHASE 2A



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PHASE 2B



PHASE 2B



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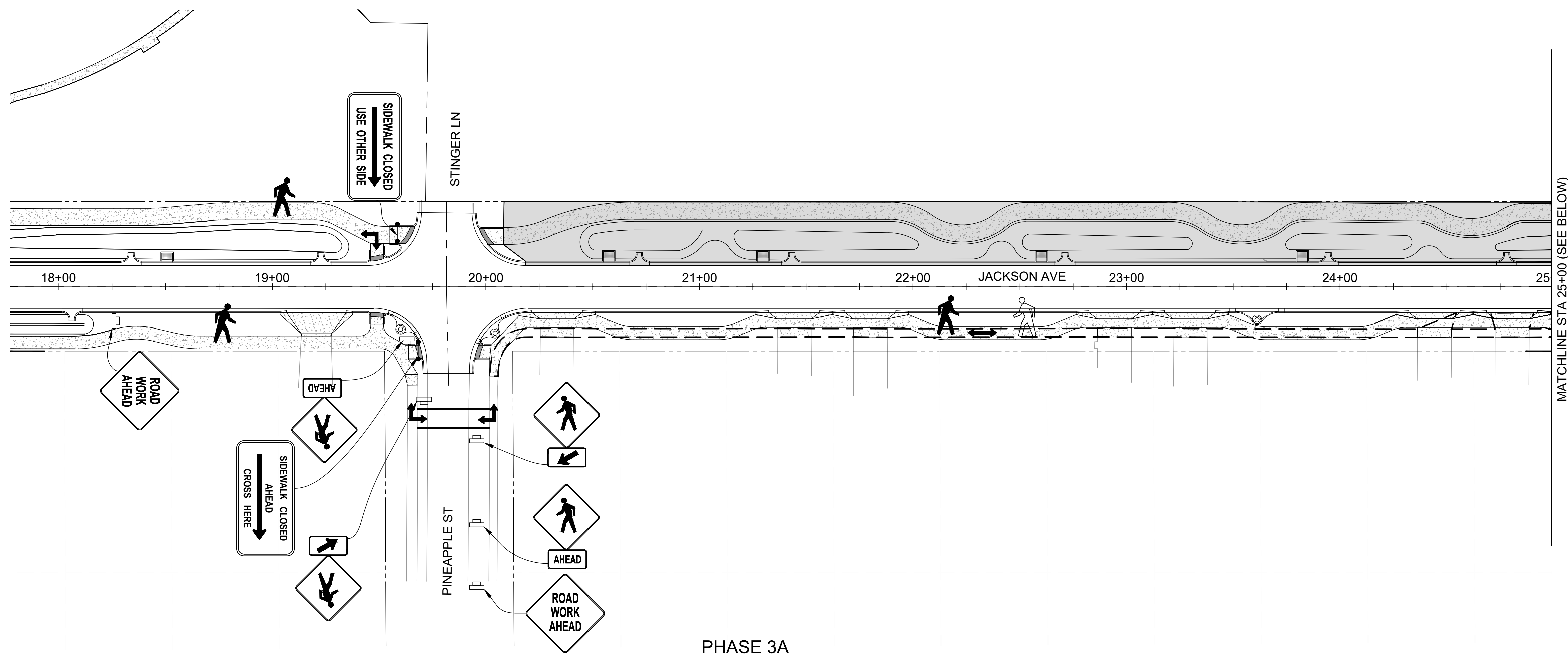
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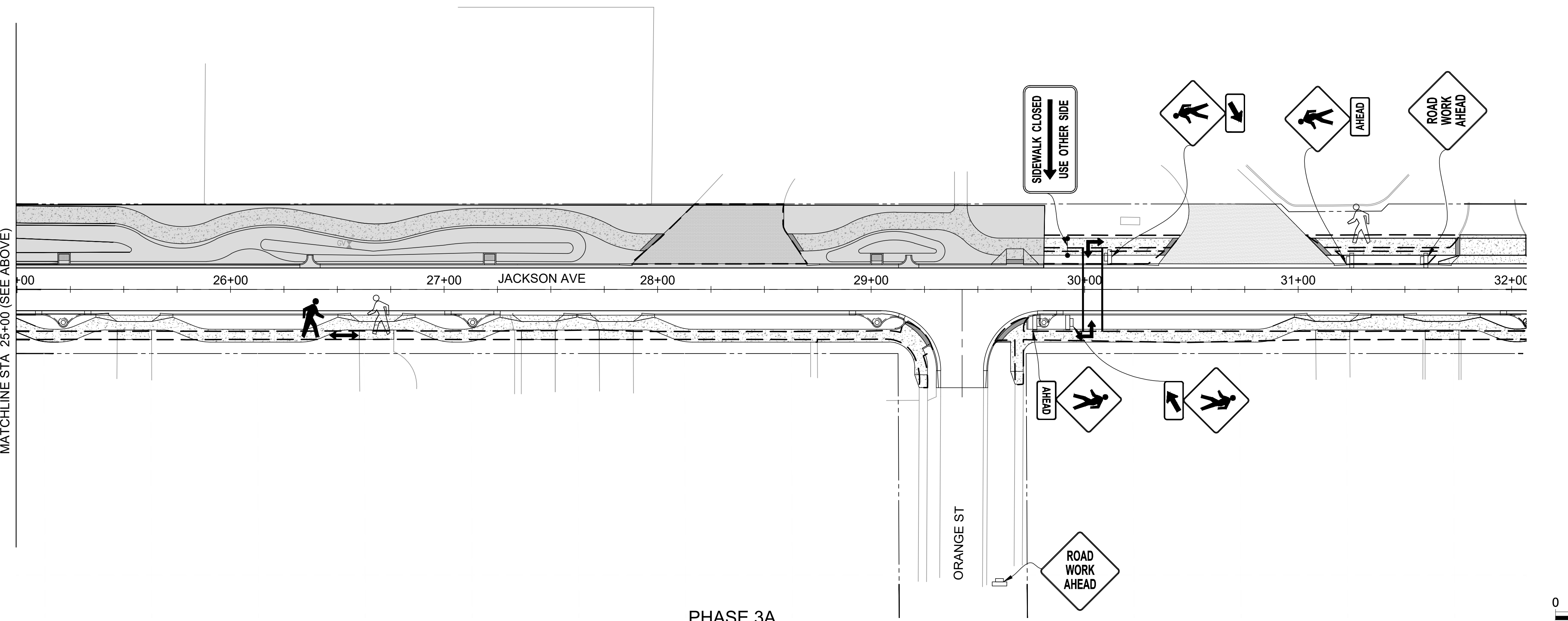
SHEET CONTENTS  
PHASE 2B MOT  
PLAN

SHEET NO.

# C-408



PHASE 3A



PHASE 3A

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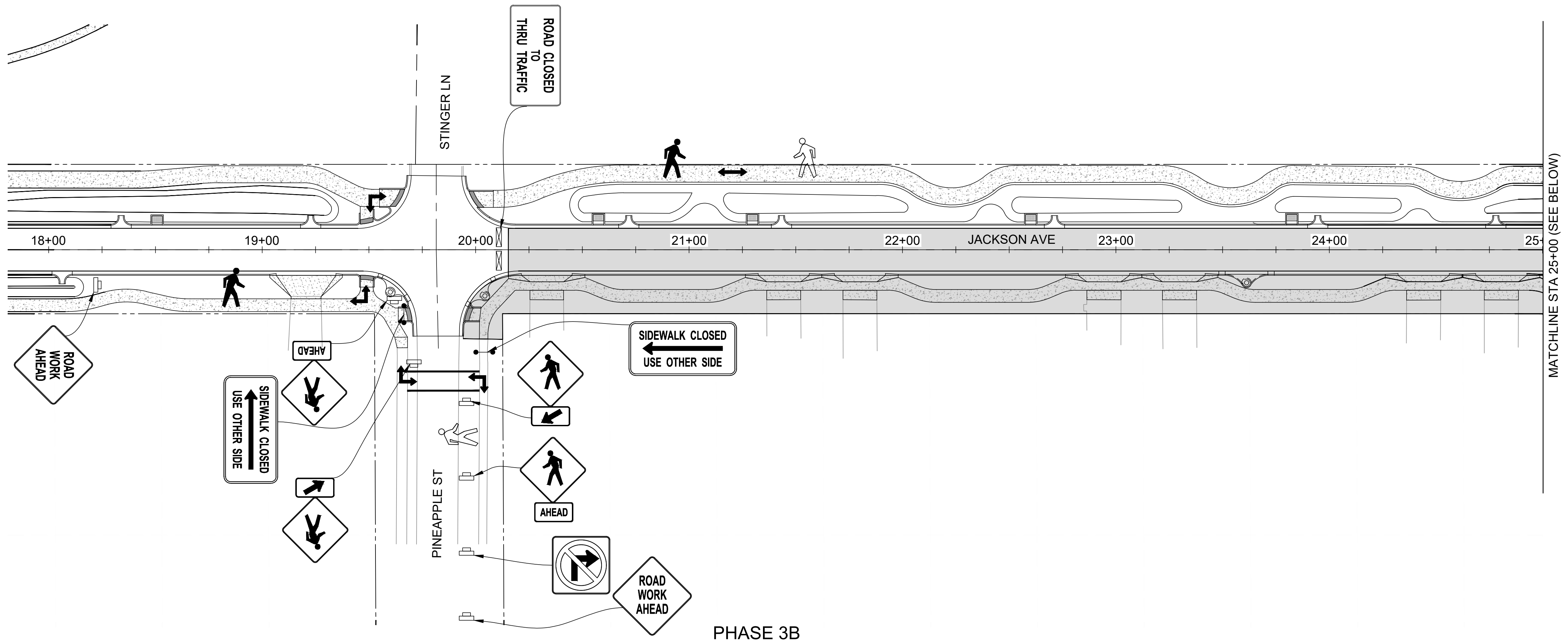
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SHEET CONTENTS  
PHASE 3A MOT  
PLAN

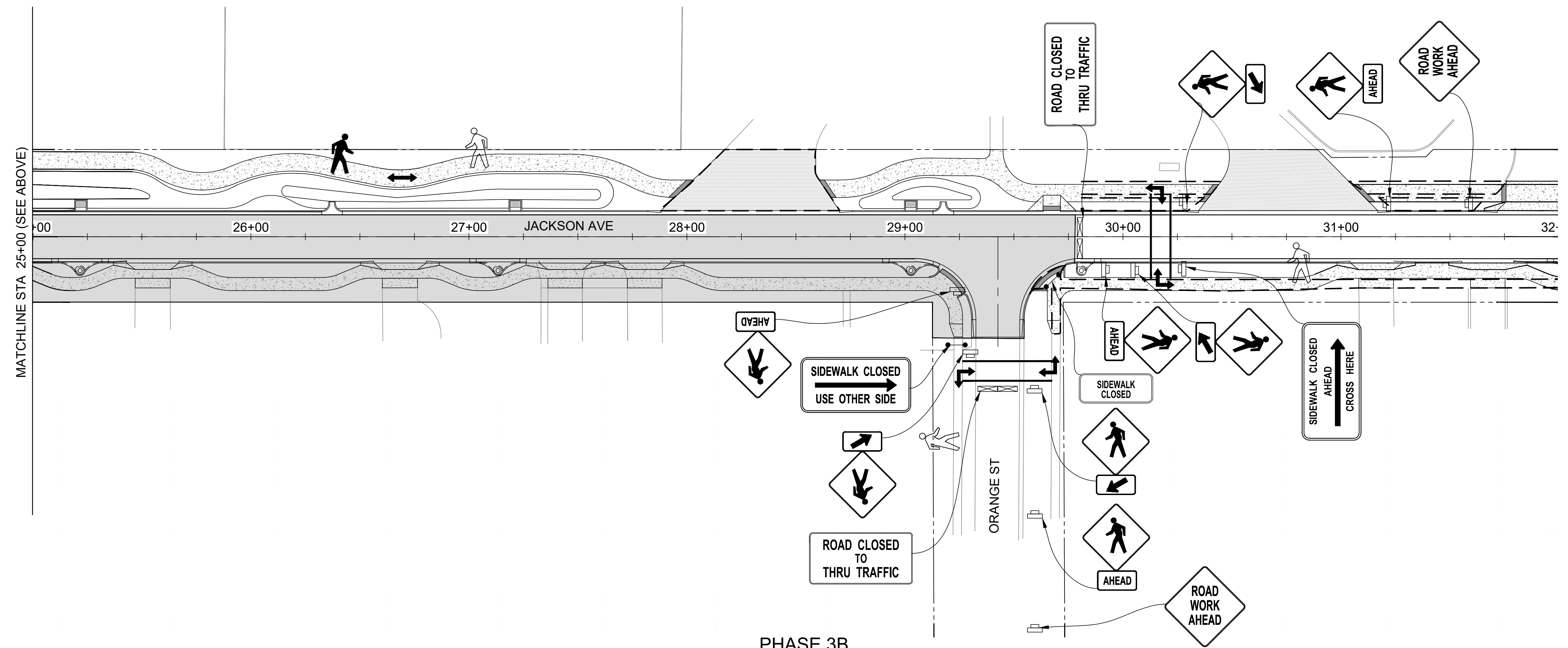
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# C-409

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PHASE 3B



PHASE 3B

MATCHLINE STA 25+00 (SEE BELOW)

MATCHLINE STA 25+00 (SEE ABOVE)



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JACKSON AVE.  
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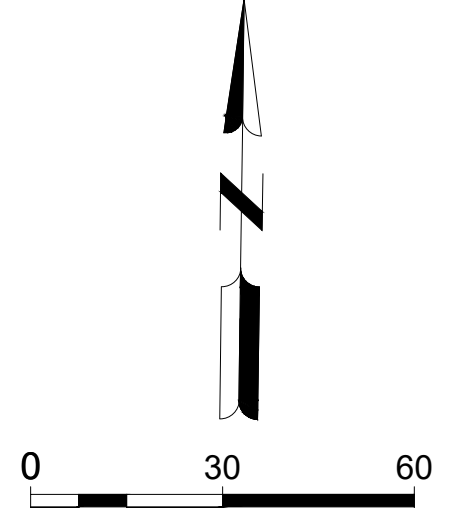
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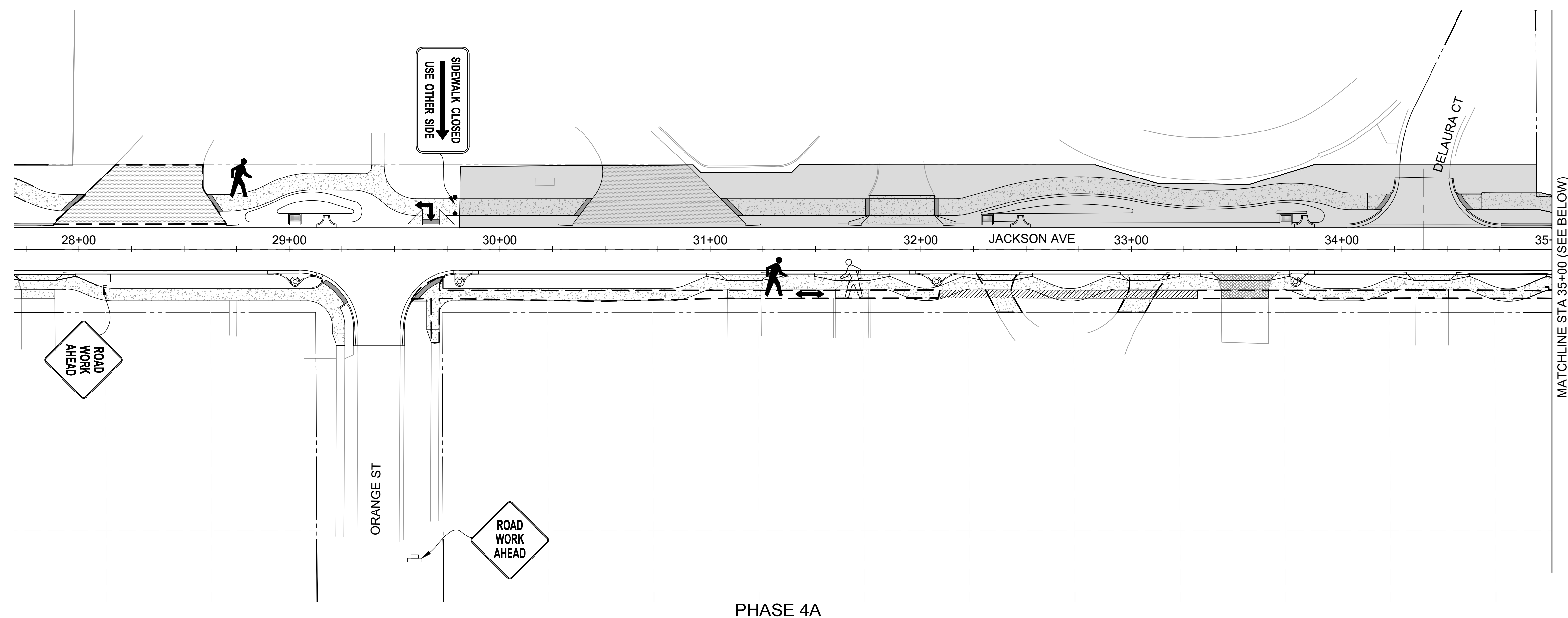
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SHEET CONTENTS  
PHASE 3B MOT  
PLAN

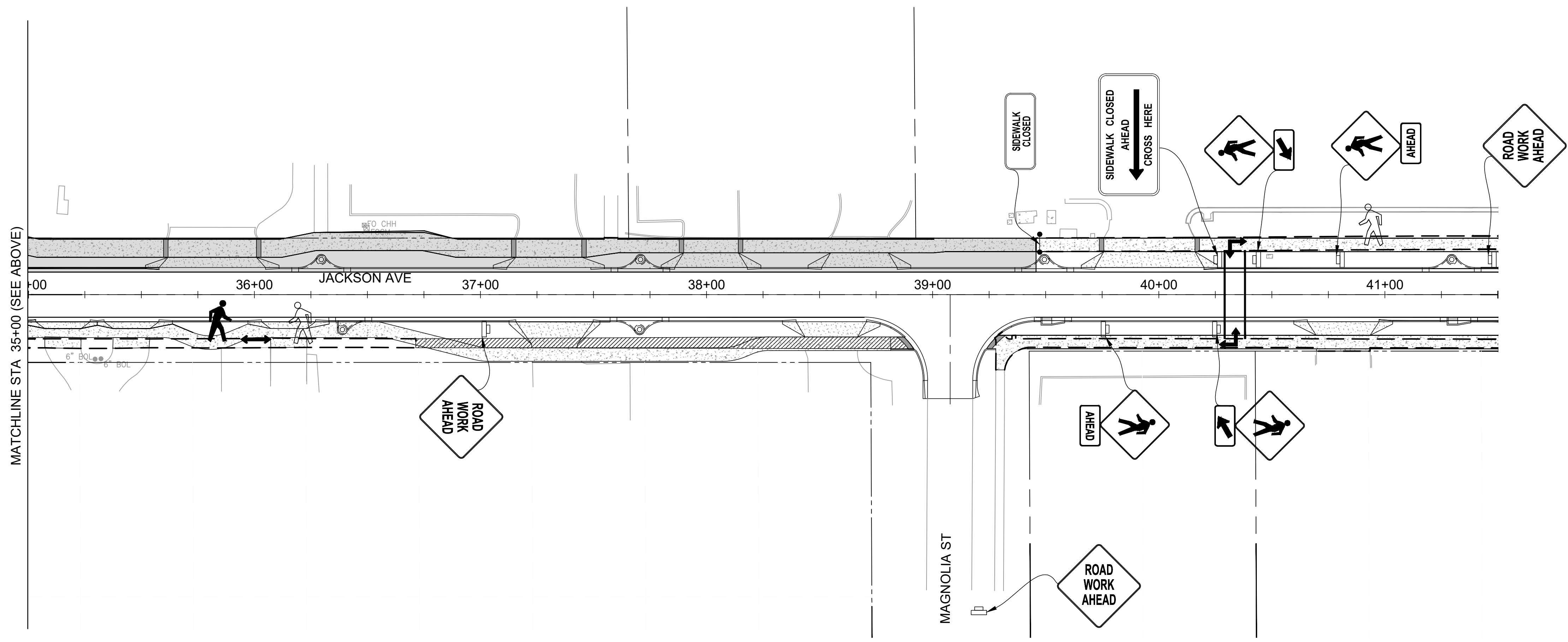
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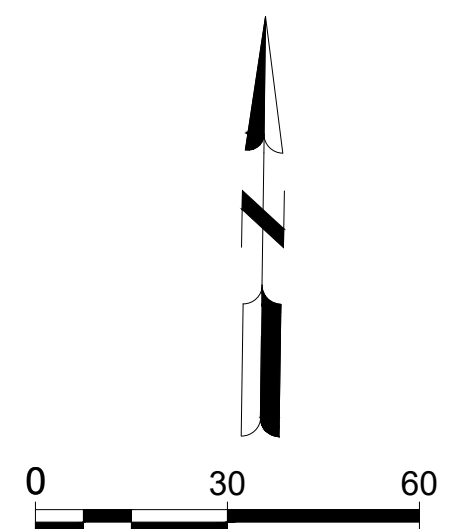




PHASE 4A



PHASE 4A



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

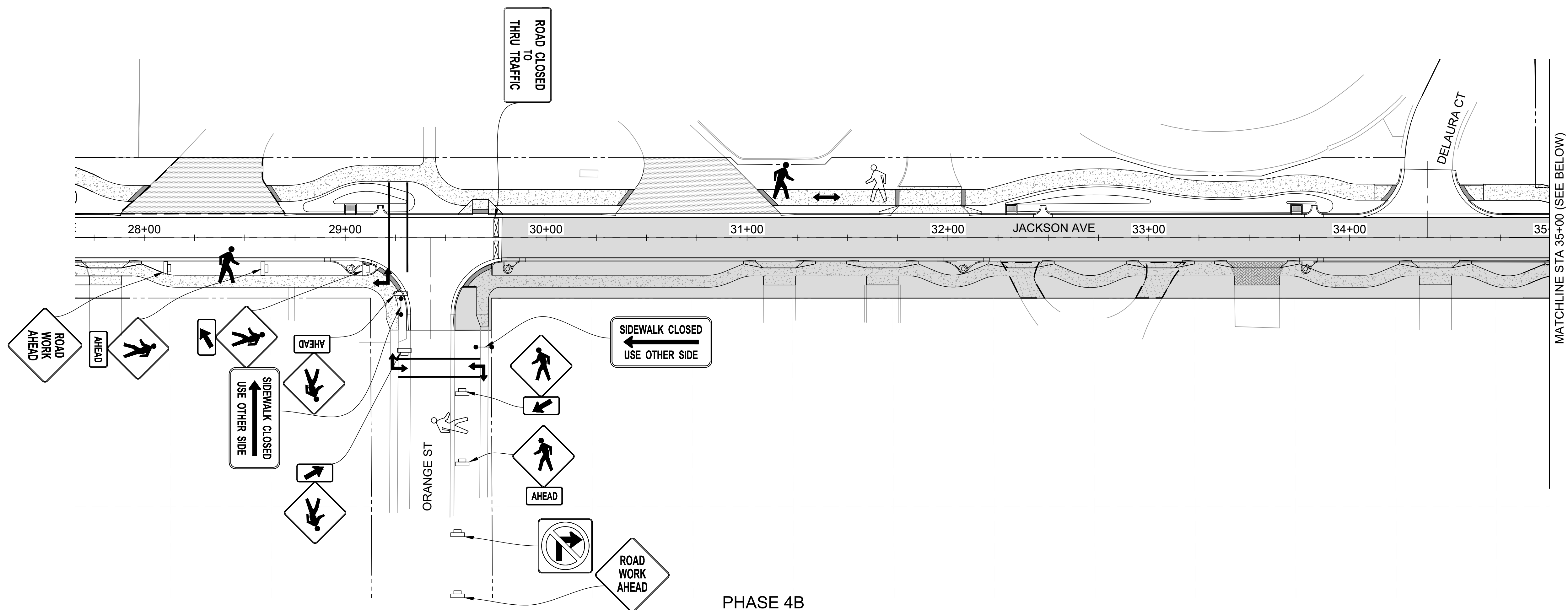
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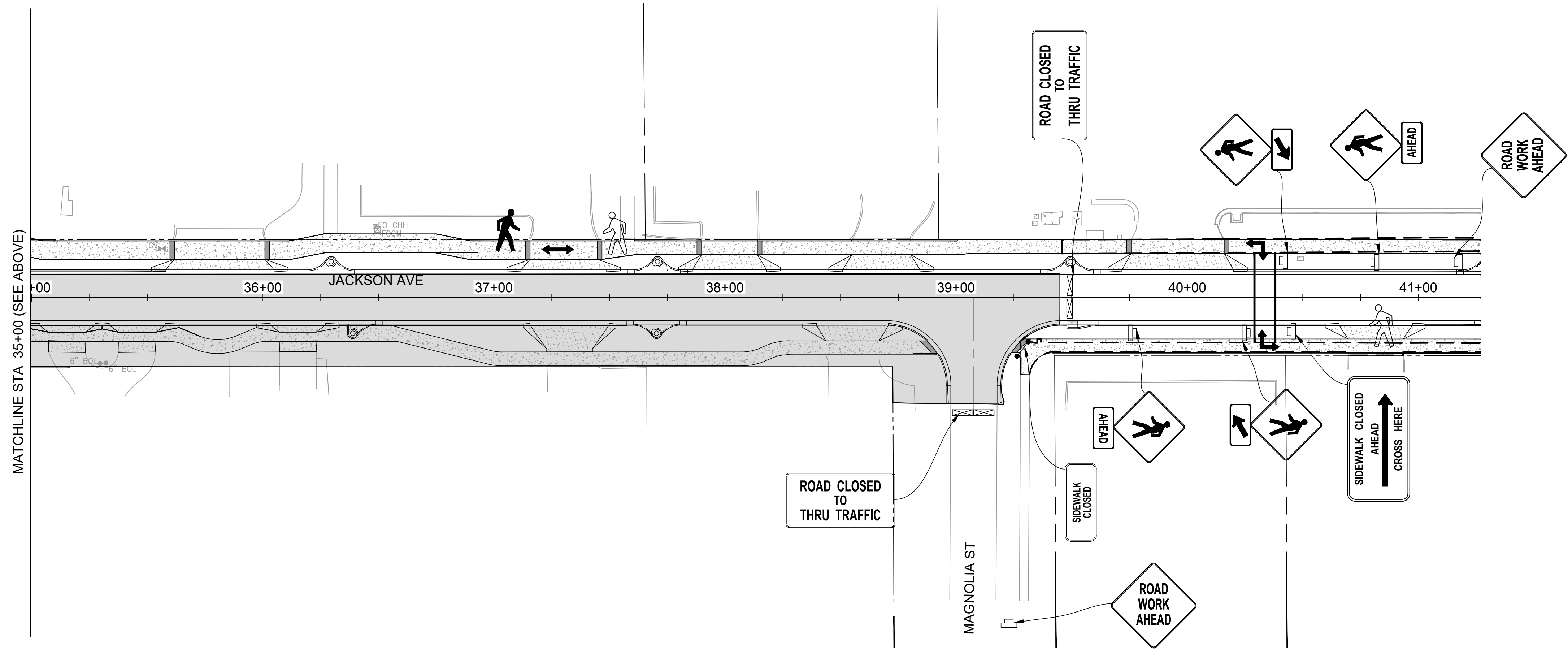
SHEET CONTENTS  
 PHASE 4A MOT  
 PLAN

SHEET NO.

**C-411**



PHASE 4B



PHASE 4B

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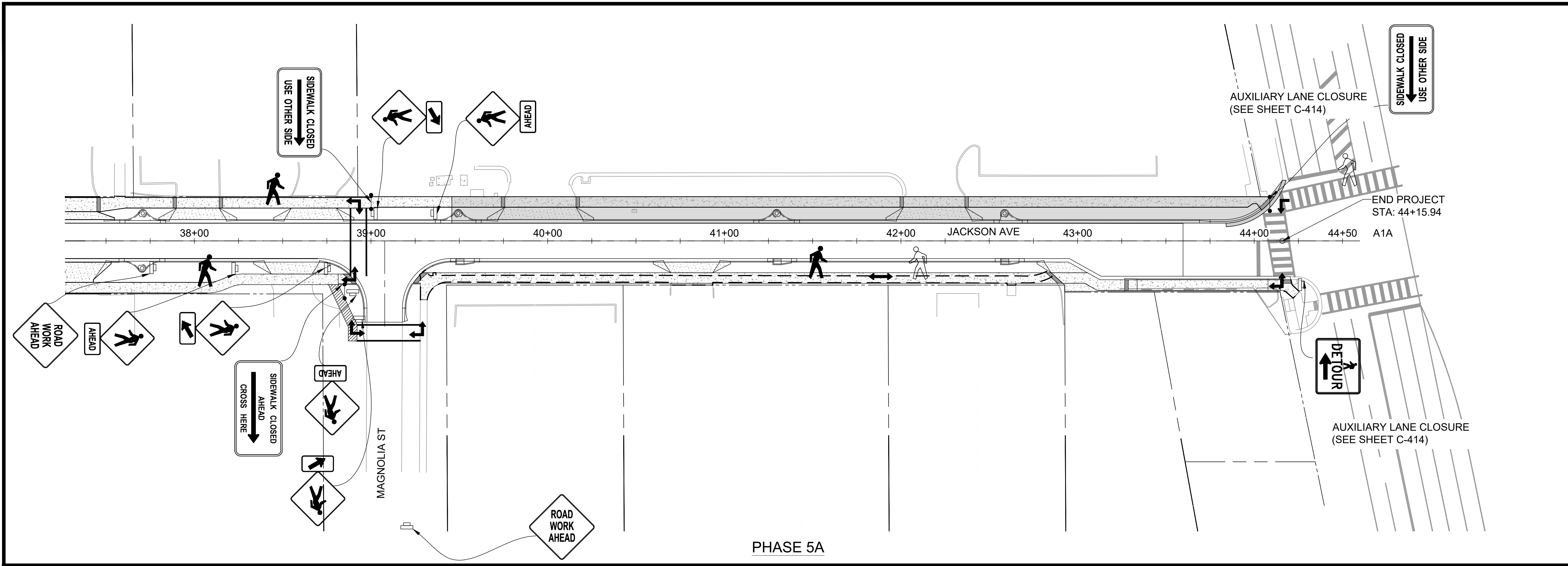
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SHEET CONTENTS  
 PHASE 4B MOT  
 PLAN

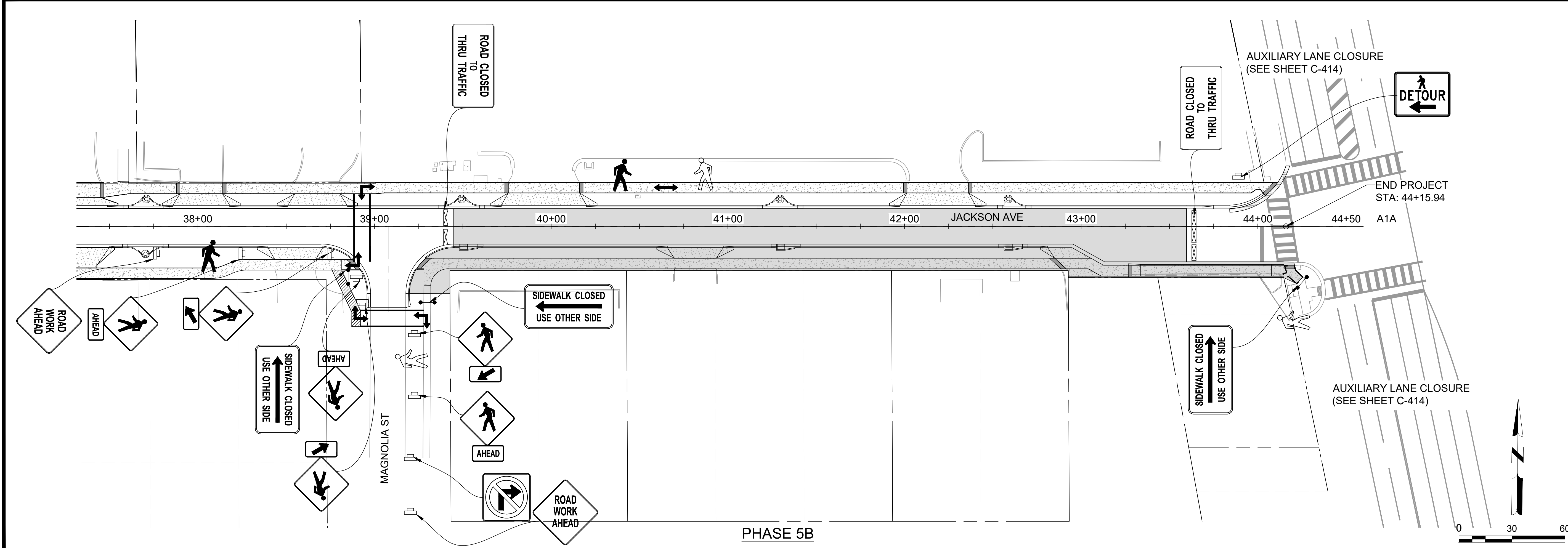
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PHASE 5A



PHASE 5B



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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

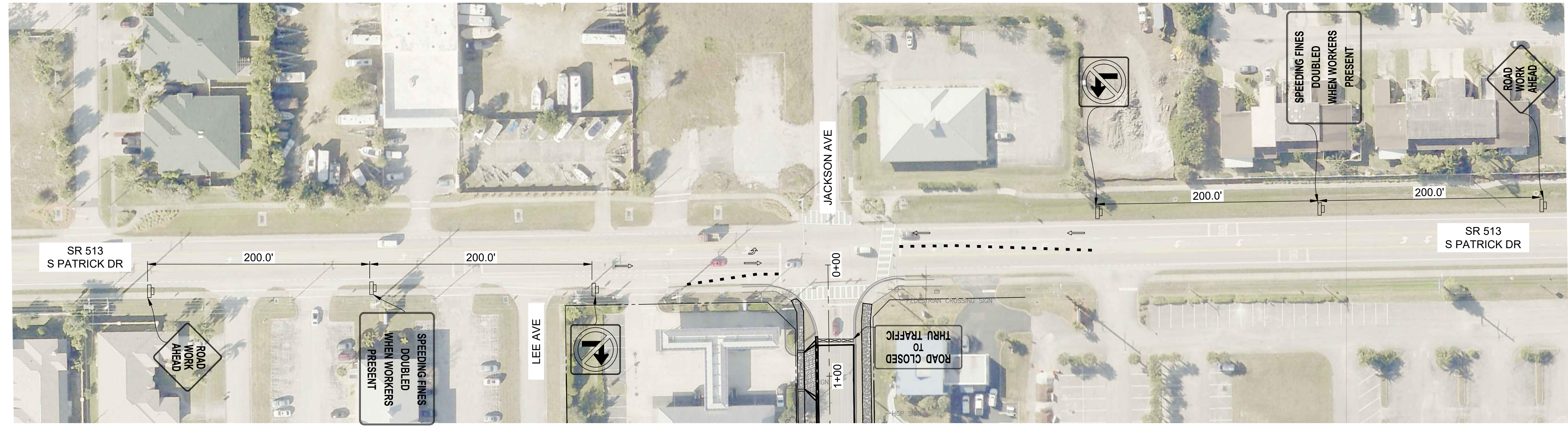
M&H NO: 1000716-172392.03  
 DATE: MARCH 2026  
 DESIGNED BY: ES/DAK  
 DRAWN BY: CAJ  
 CHECKED BY: DAK  
 DO NOT SCALE DRAWINGS

SHEET CONTENTS  
 PHASE 5A AND 5B  
 MOT PLAN

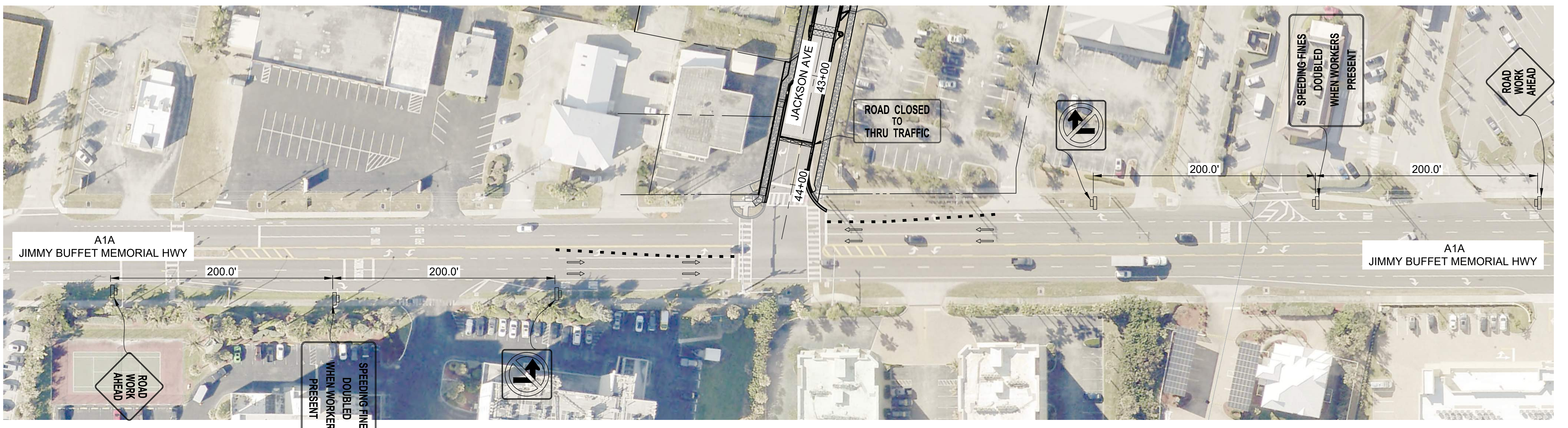
SHEET NO.

**C-413**

NOTES:  
1. FDOT INDEX 102-600 - AUXILIARY LANE CLOSURE



SR 513 - S PATRICK DRIVE



A1A - JIMMY BUFFET MEMORIAL HWY



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CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

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DATE: MARCH 2026  
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SHEET CONTENTS  
AUXILIARY LANE CLOSURE

SHEET NO.

C-414

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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

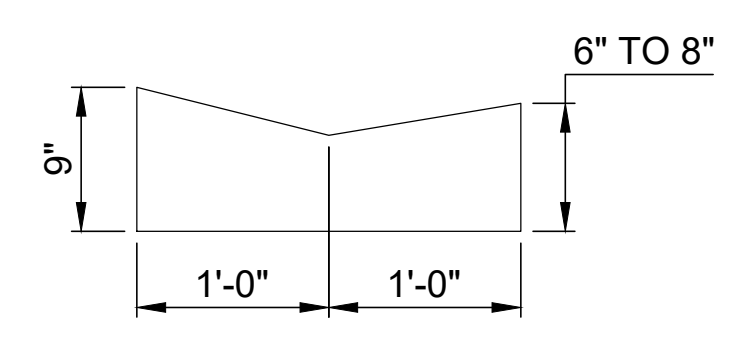
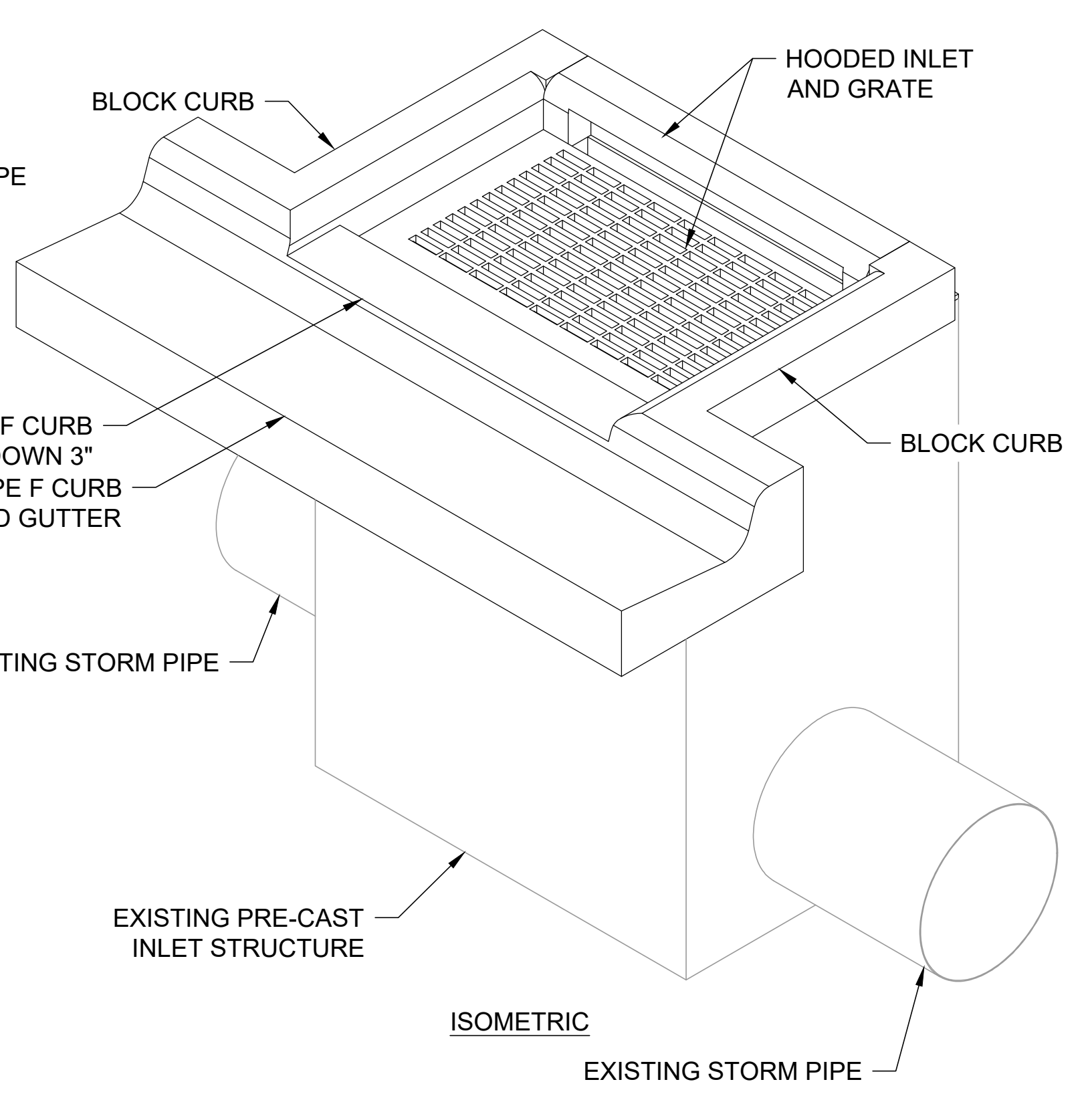
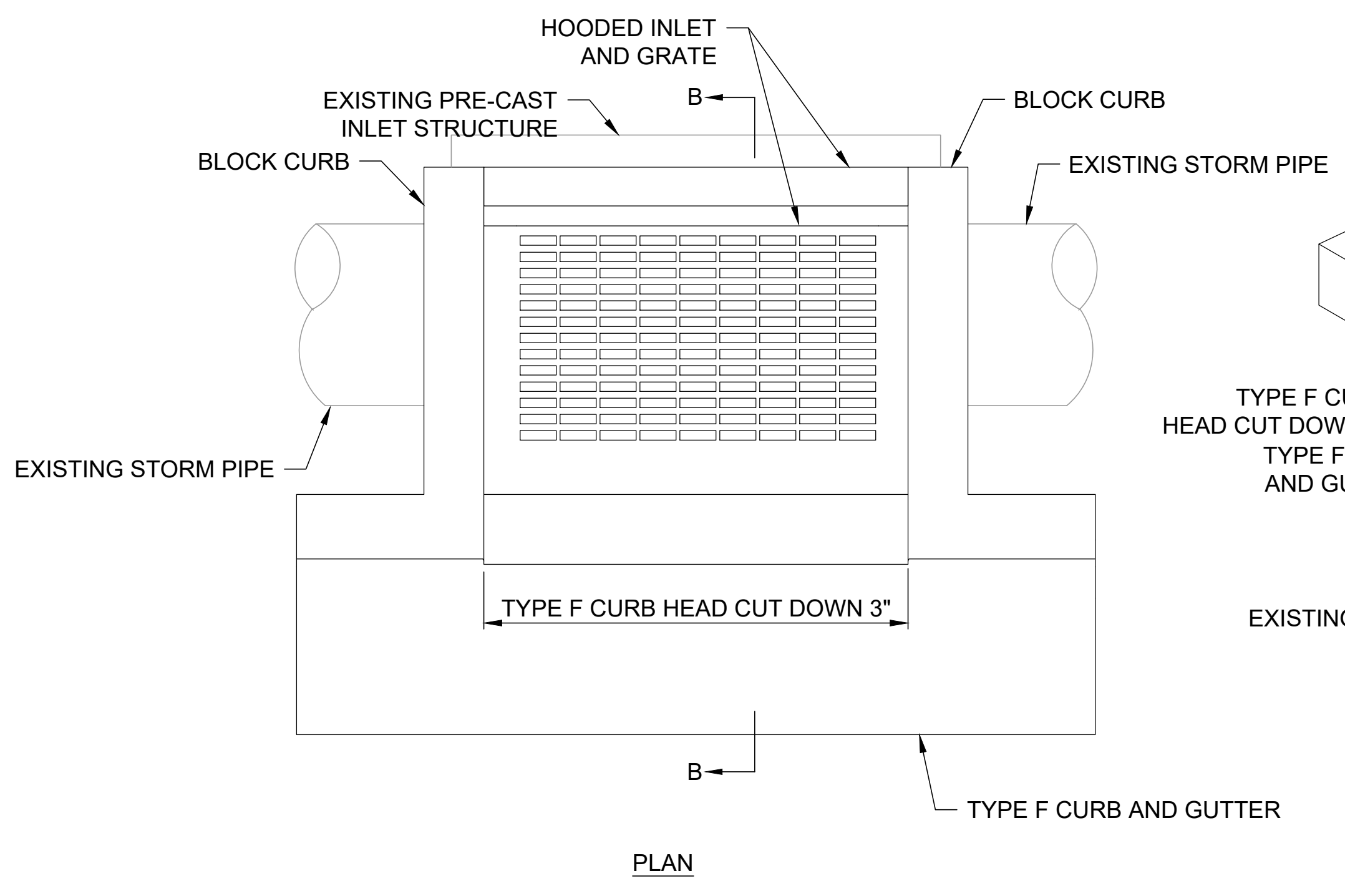
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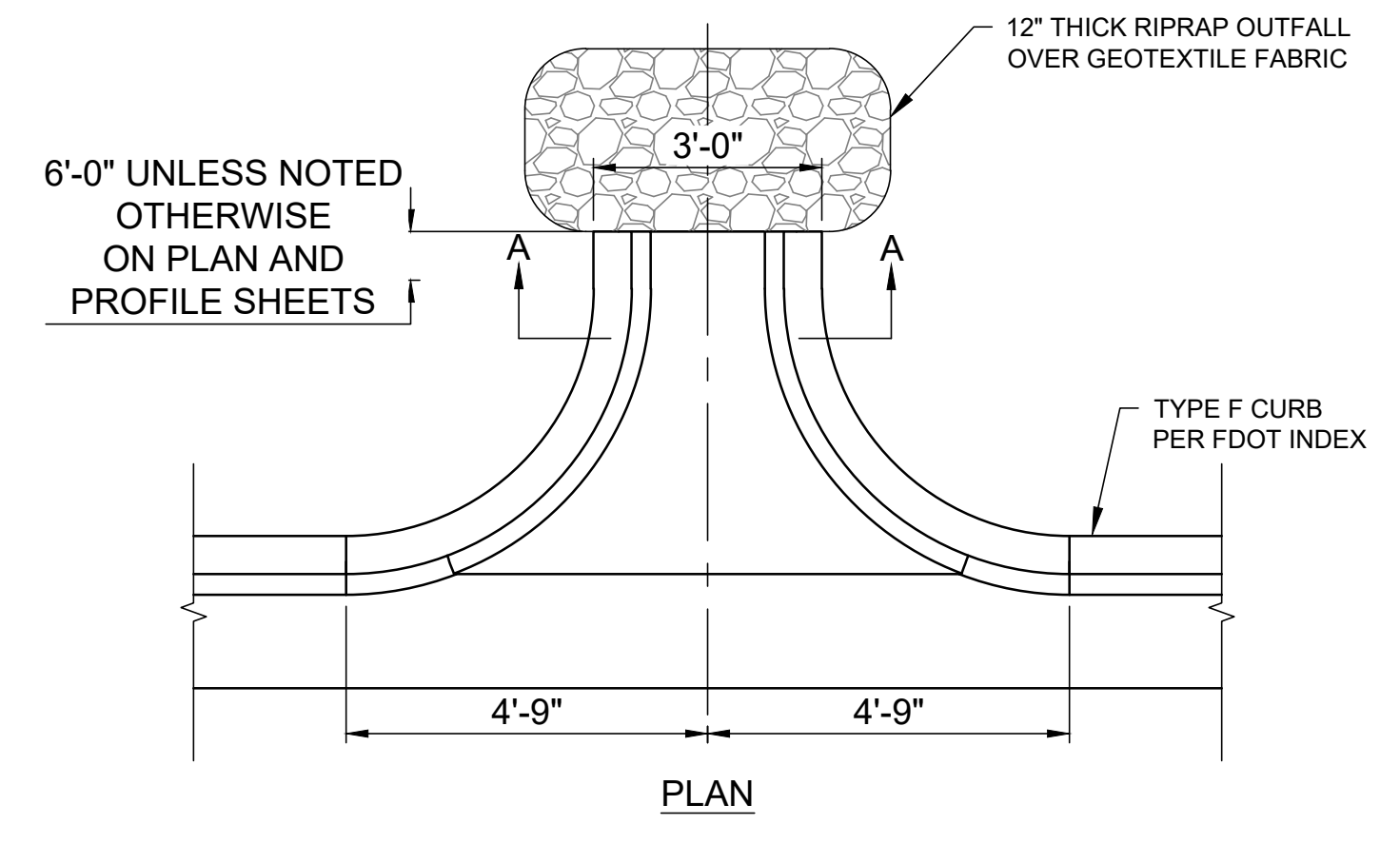
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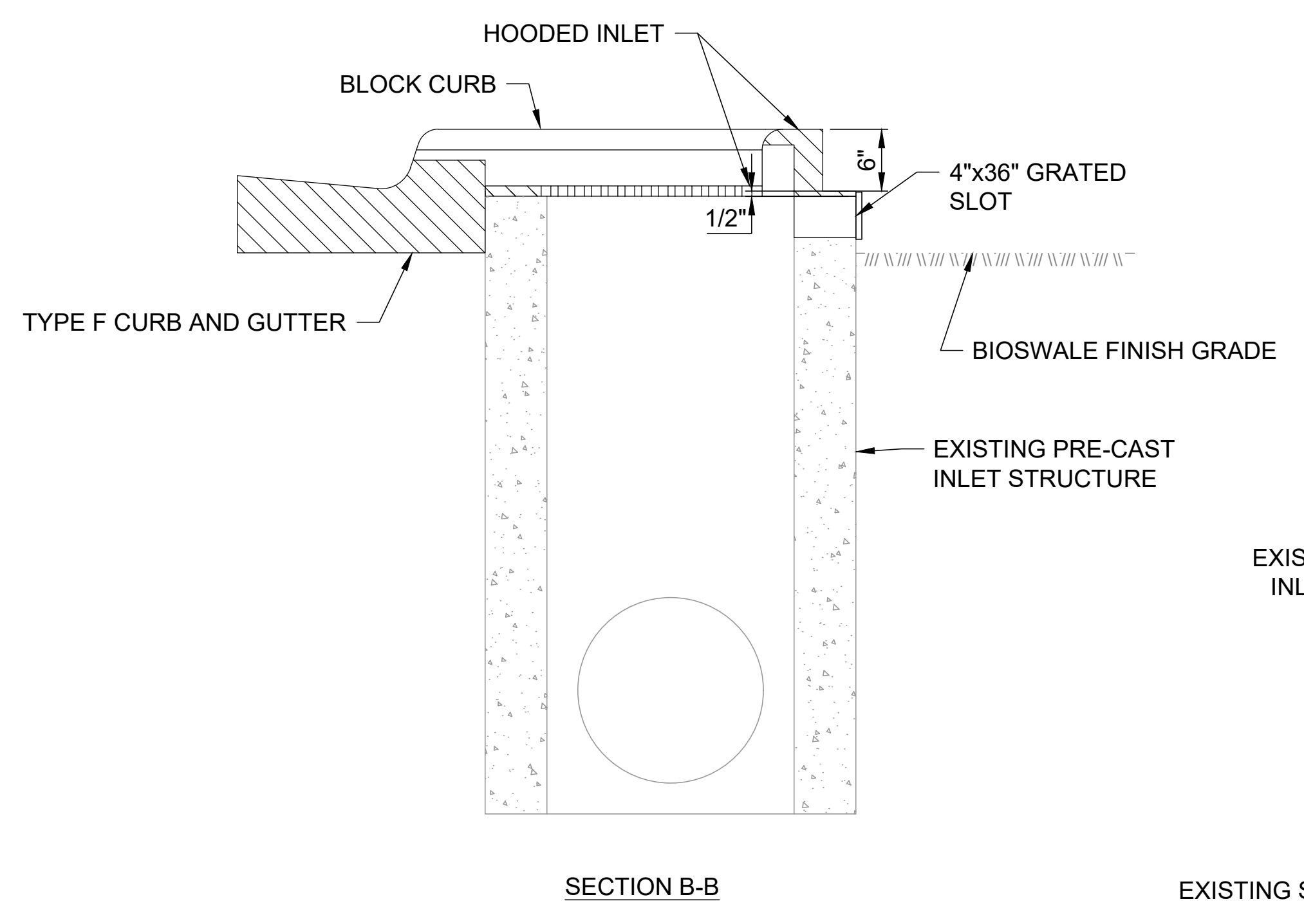
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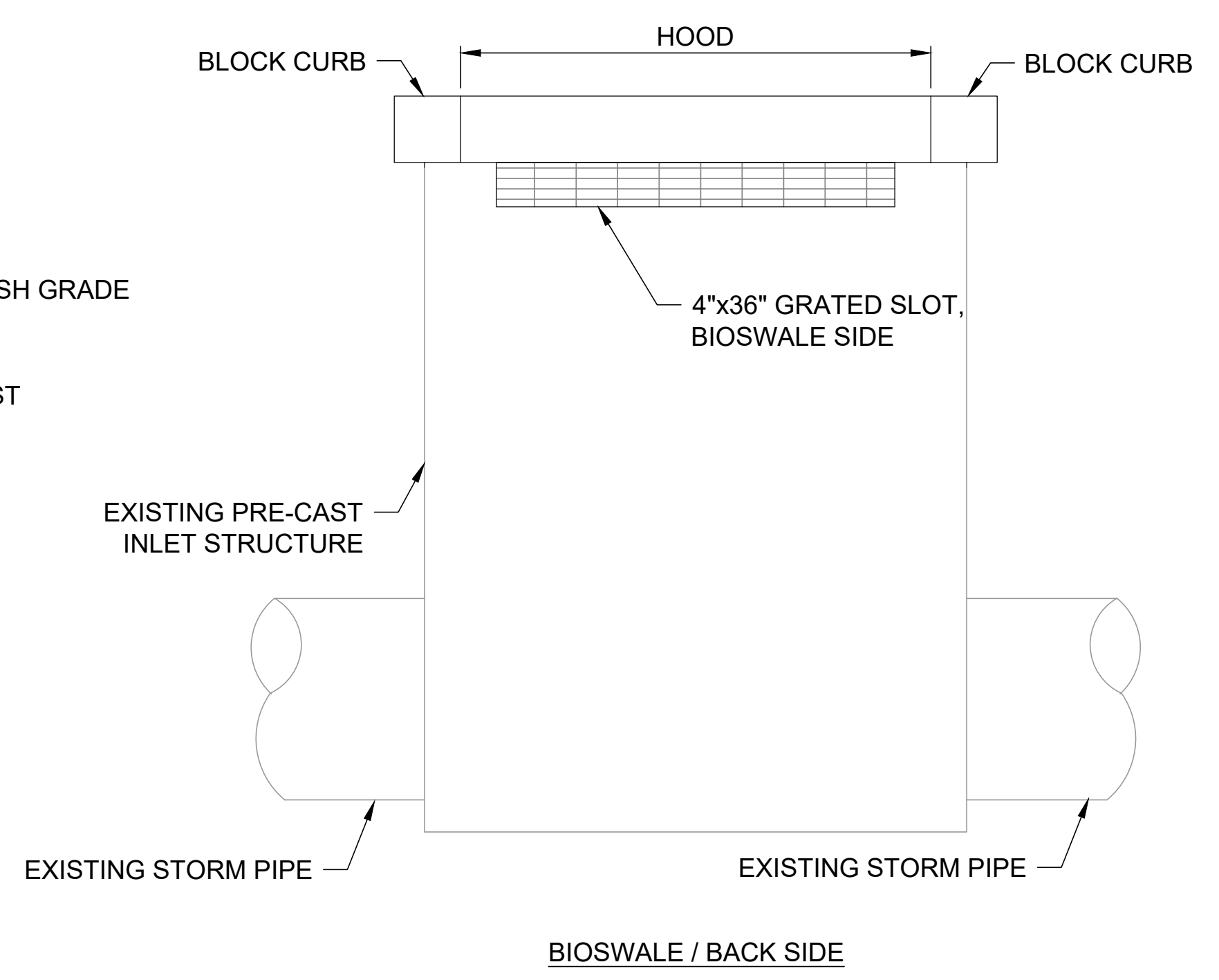
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 NOT TO SCALE



**2 CONCRETE FLUME DETAIL**  
 NOT TO SCALE



**3 HOODED INLET DETAIL**  
 NOT TO SCALE





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CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

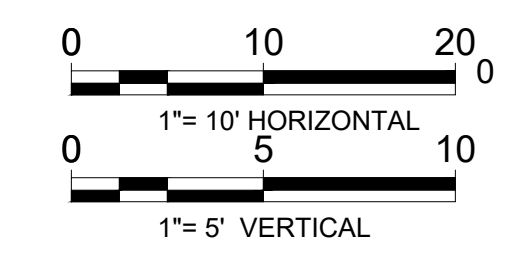
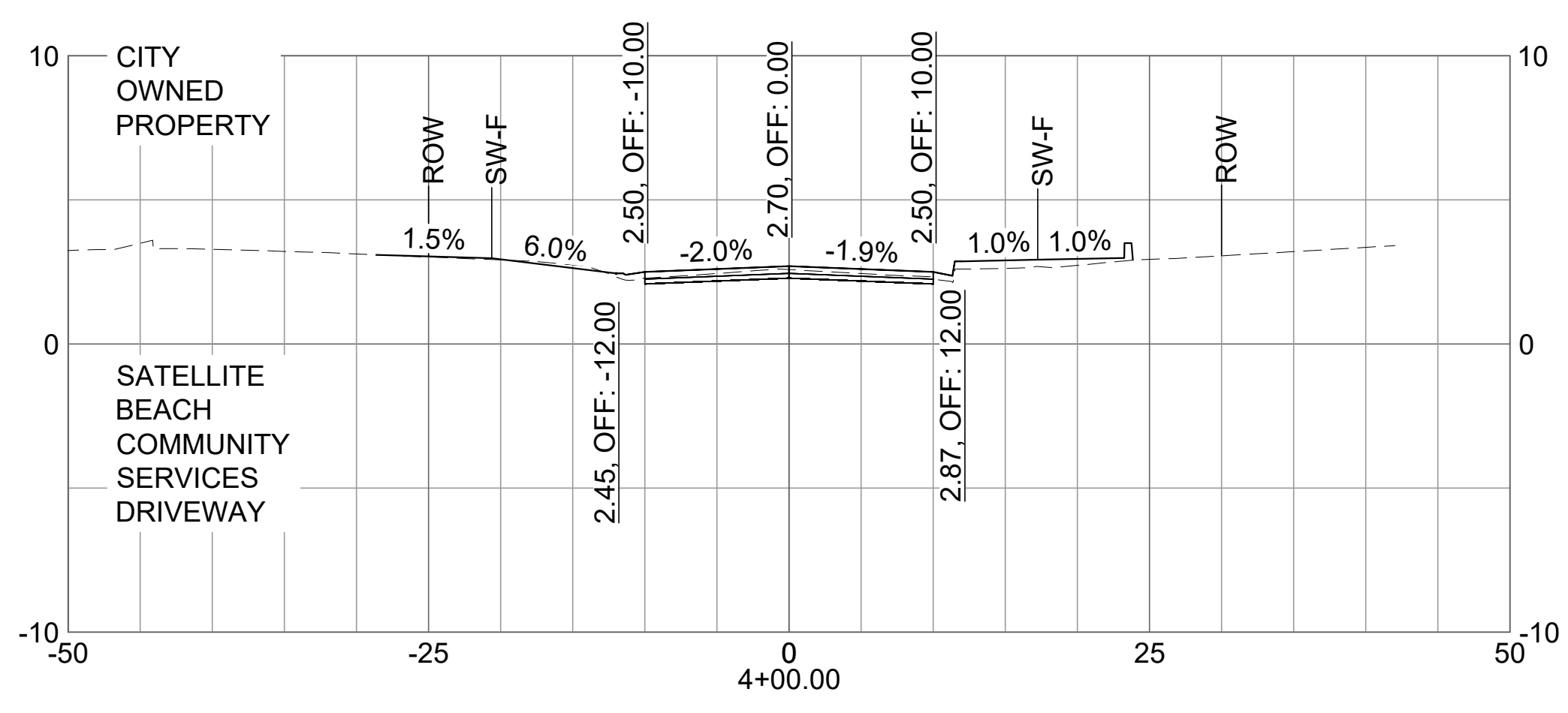
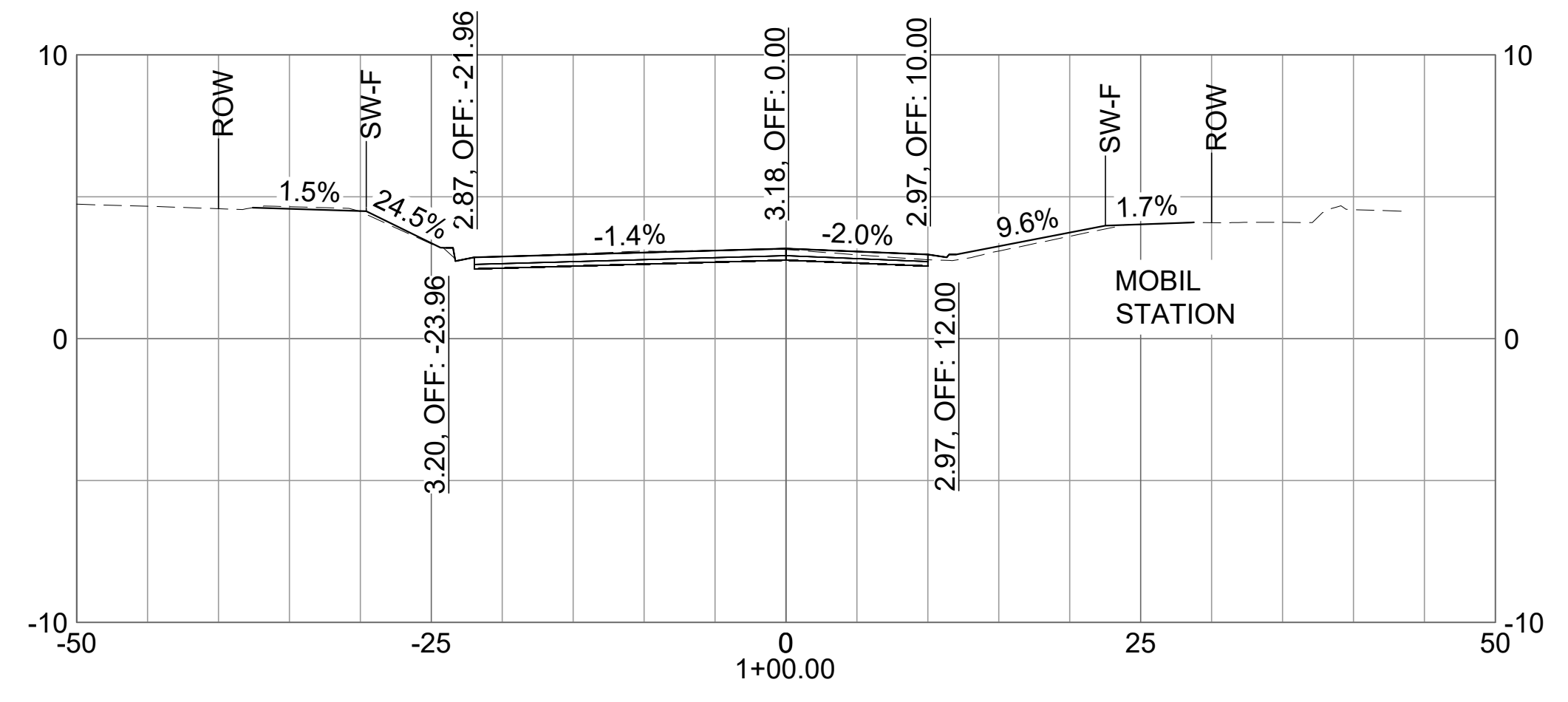
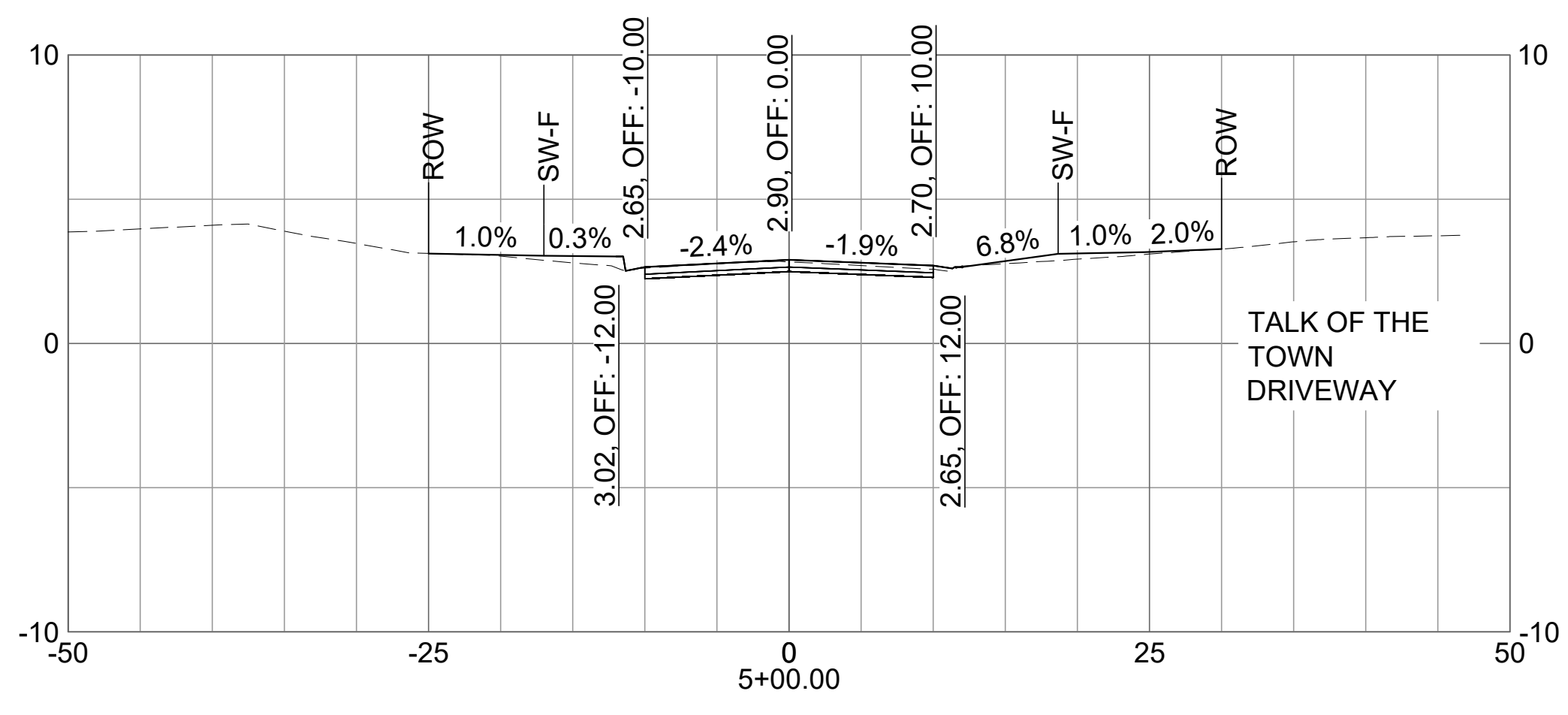
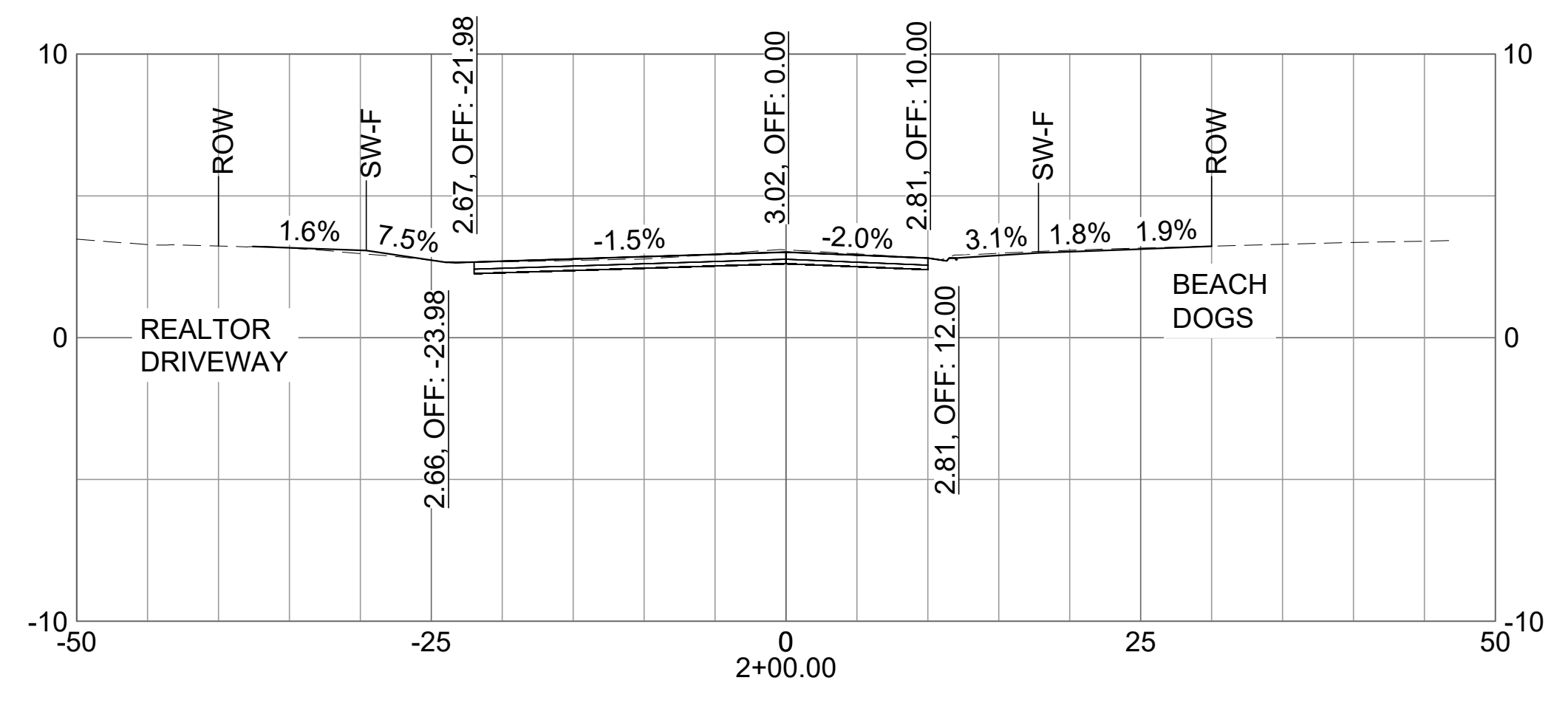
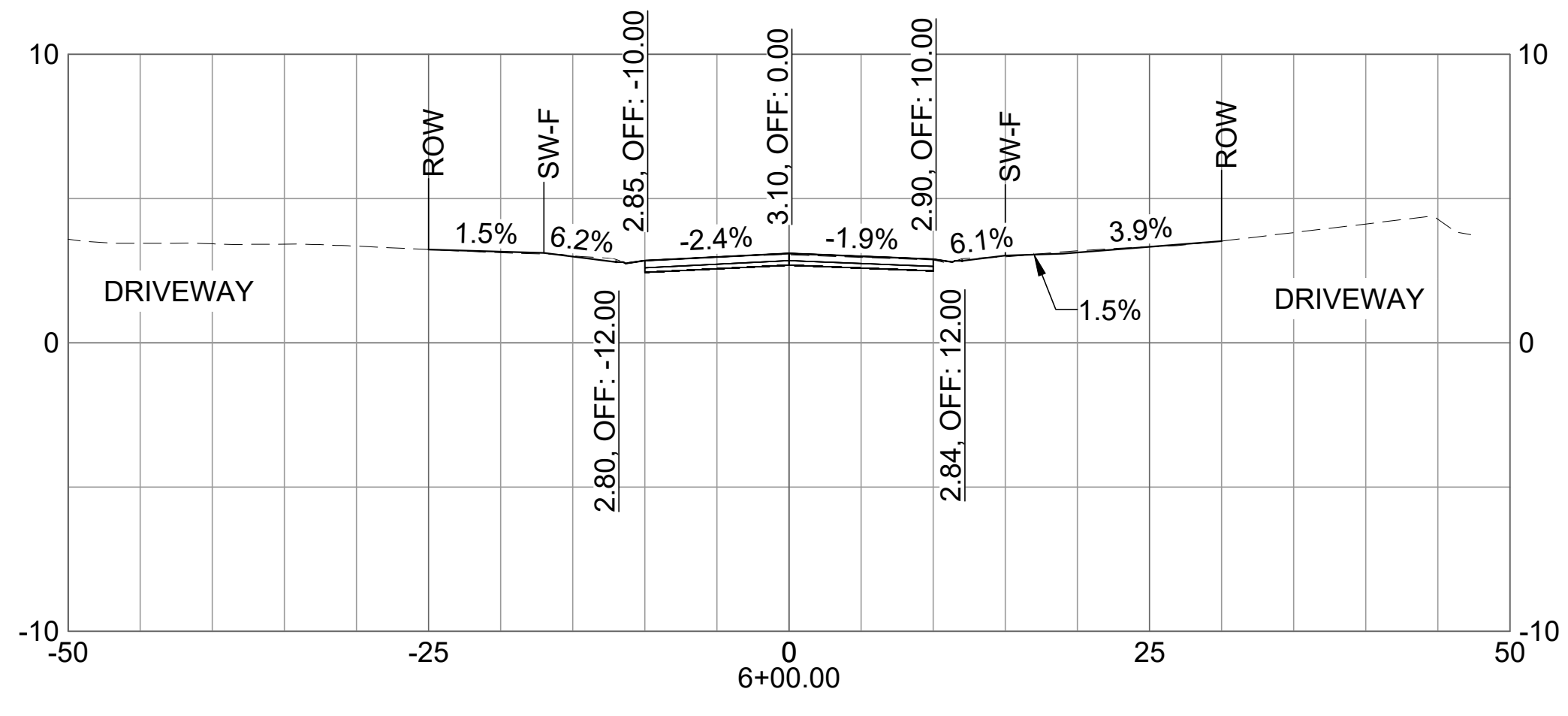
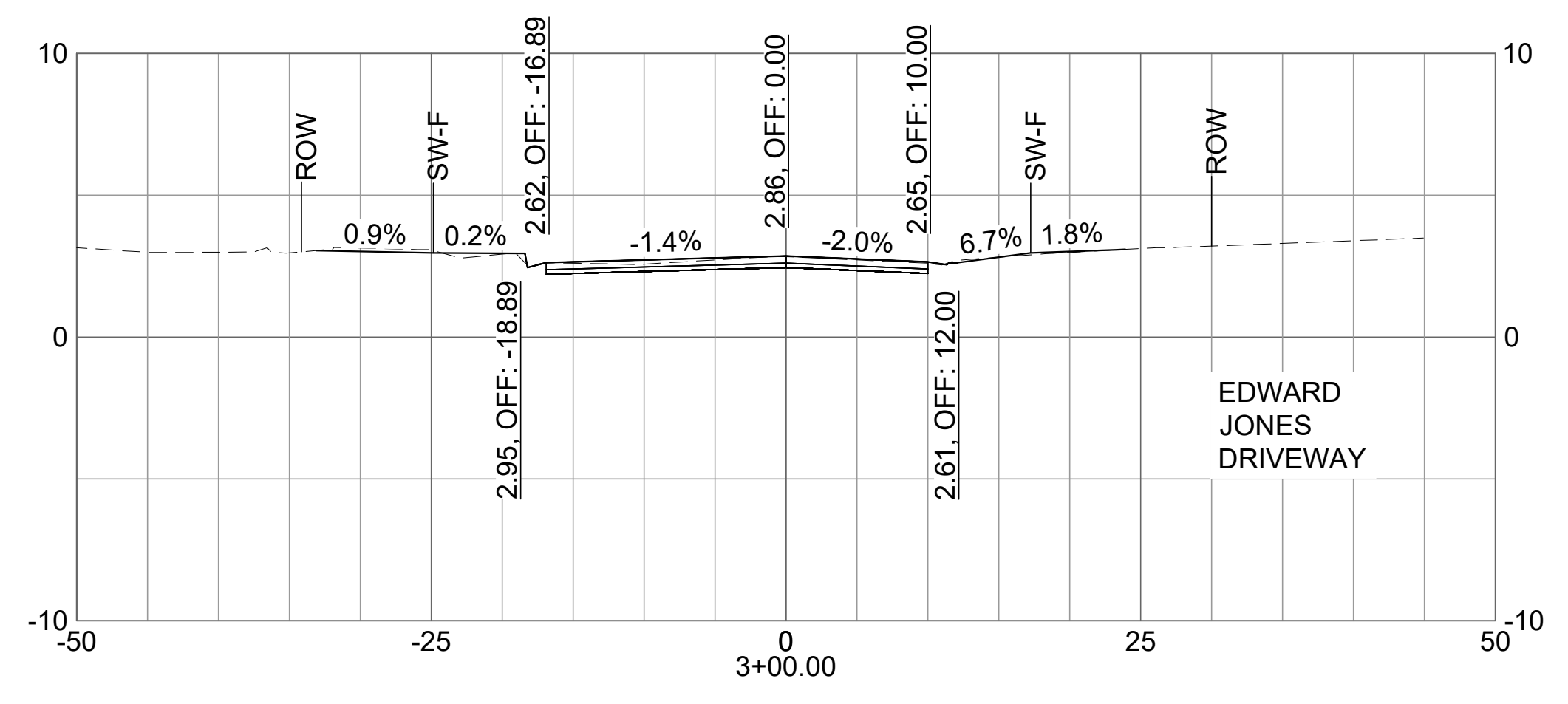
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SHEET CONTENTS  
CROSS SECTIONS

SHEET NO.

C-901

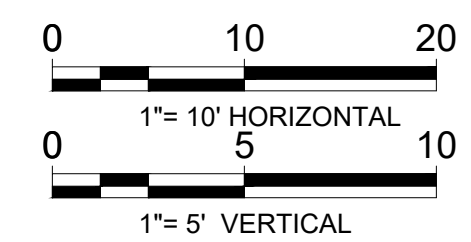
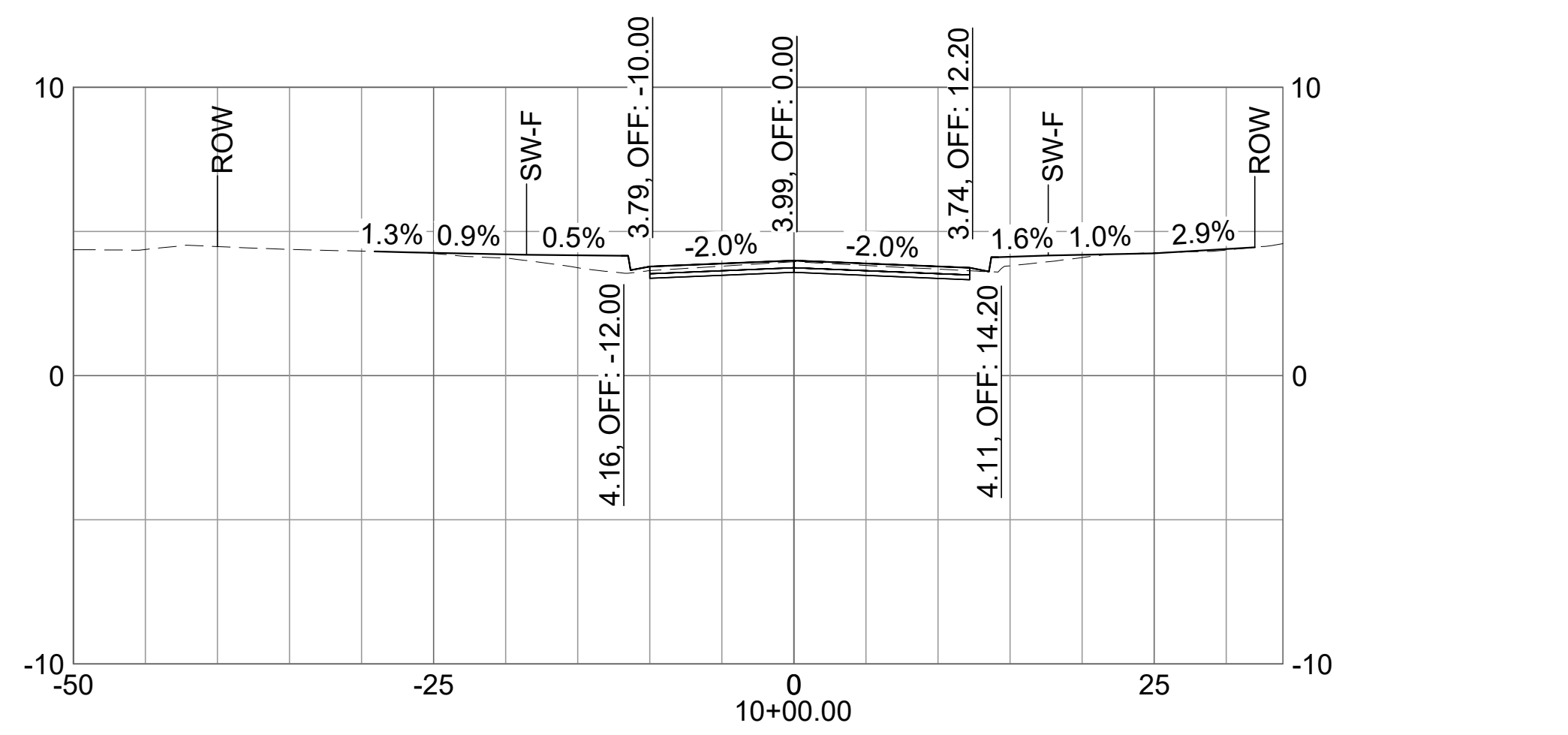
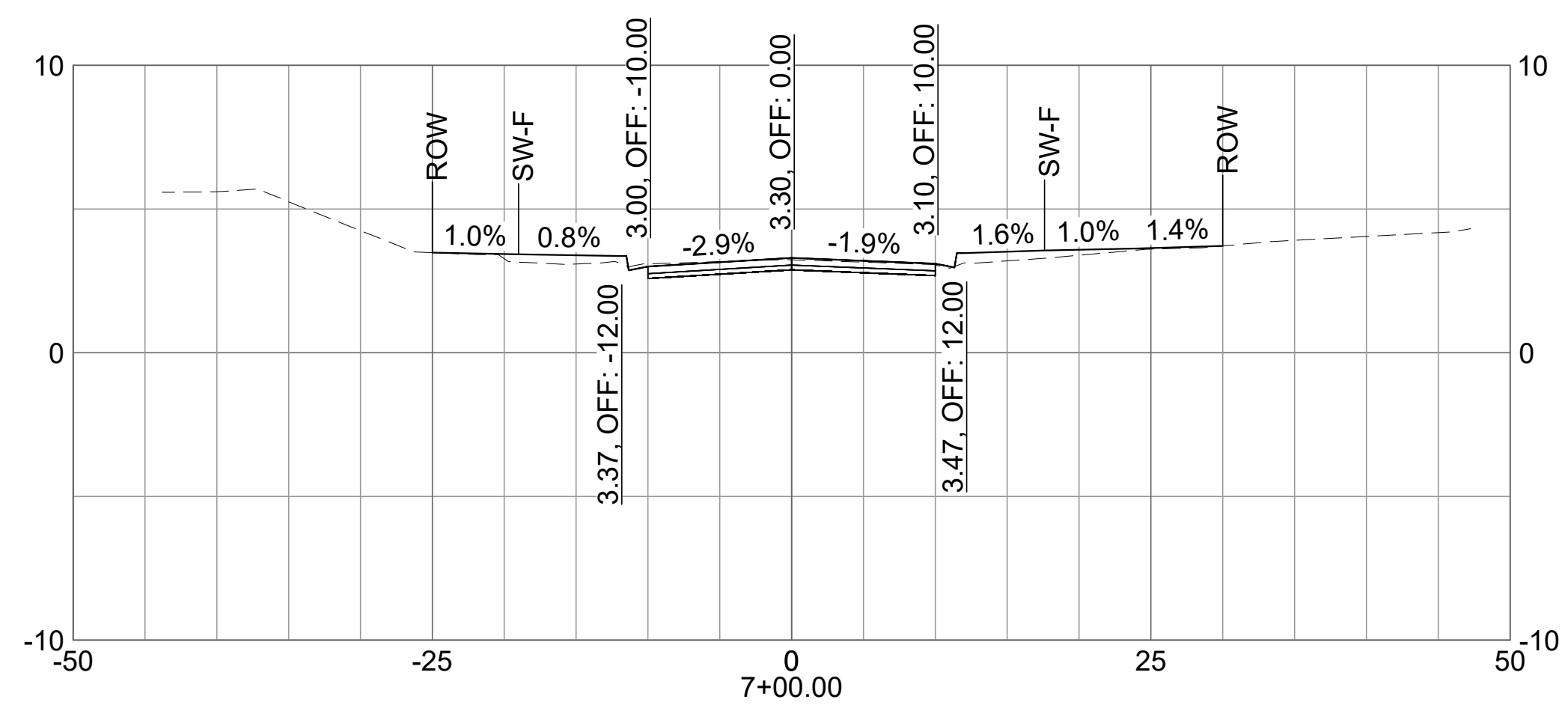
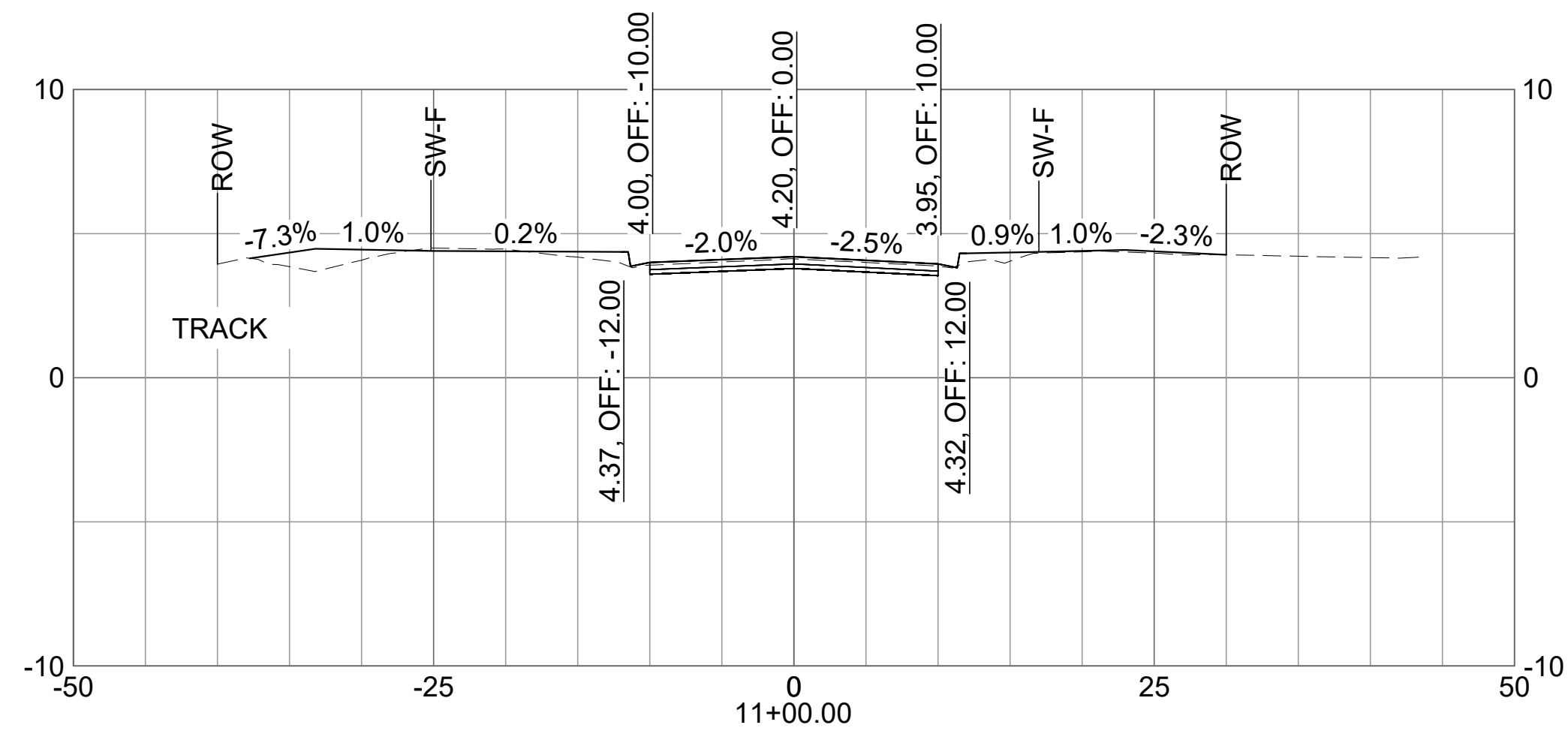
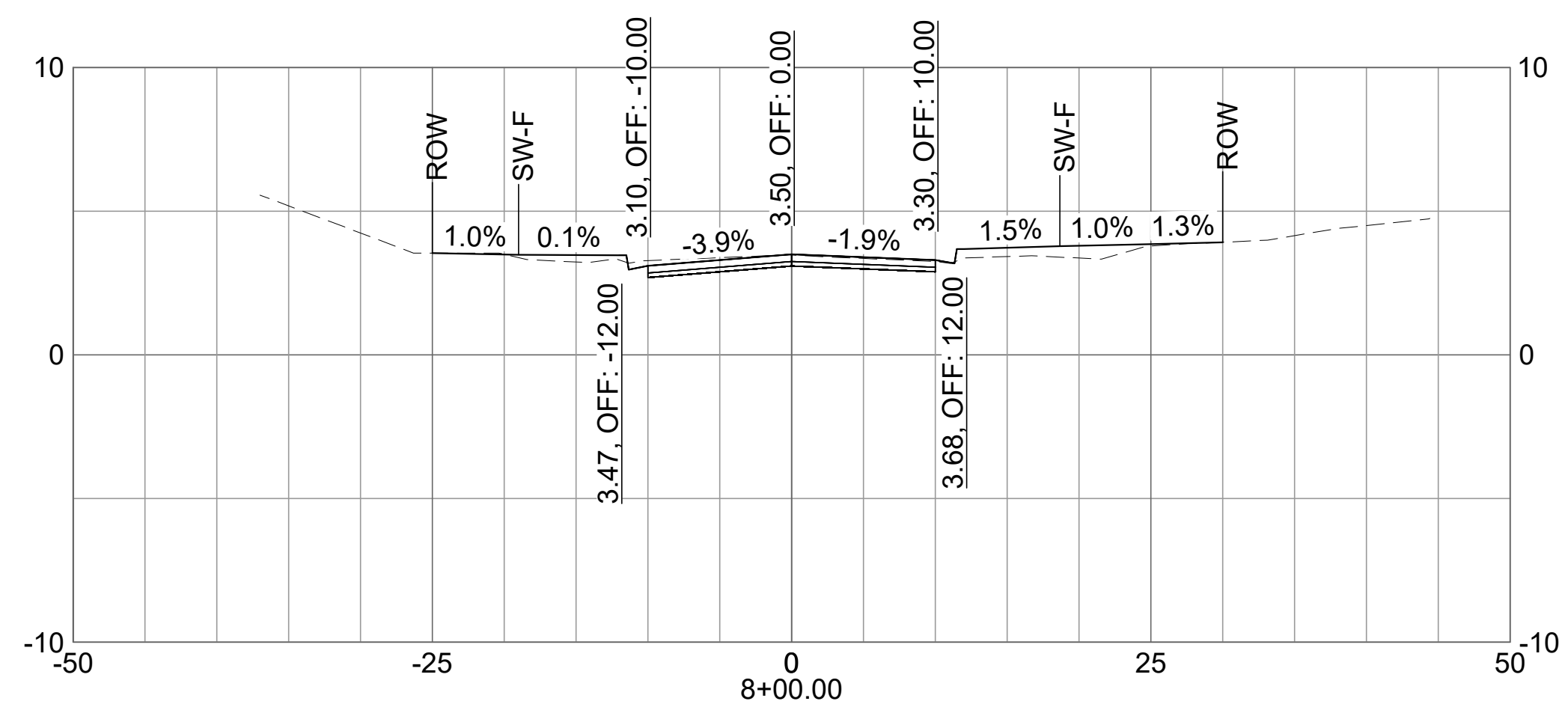
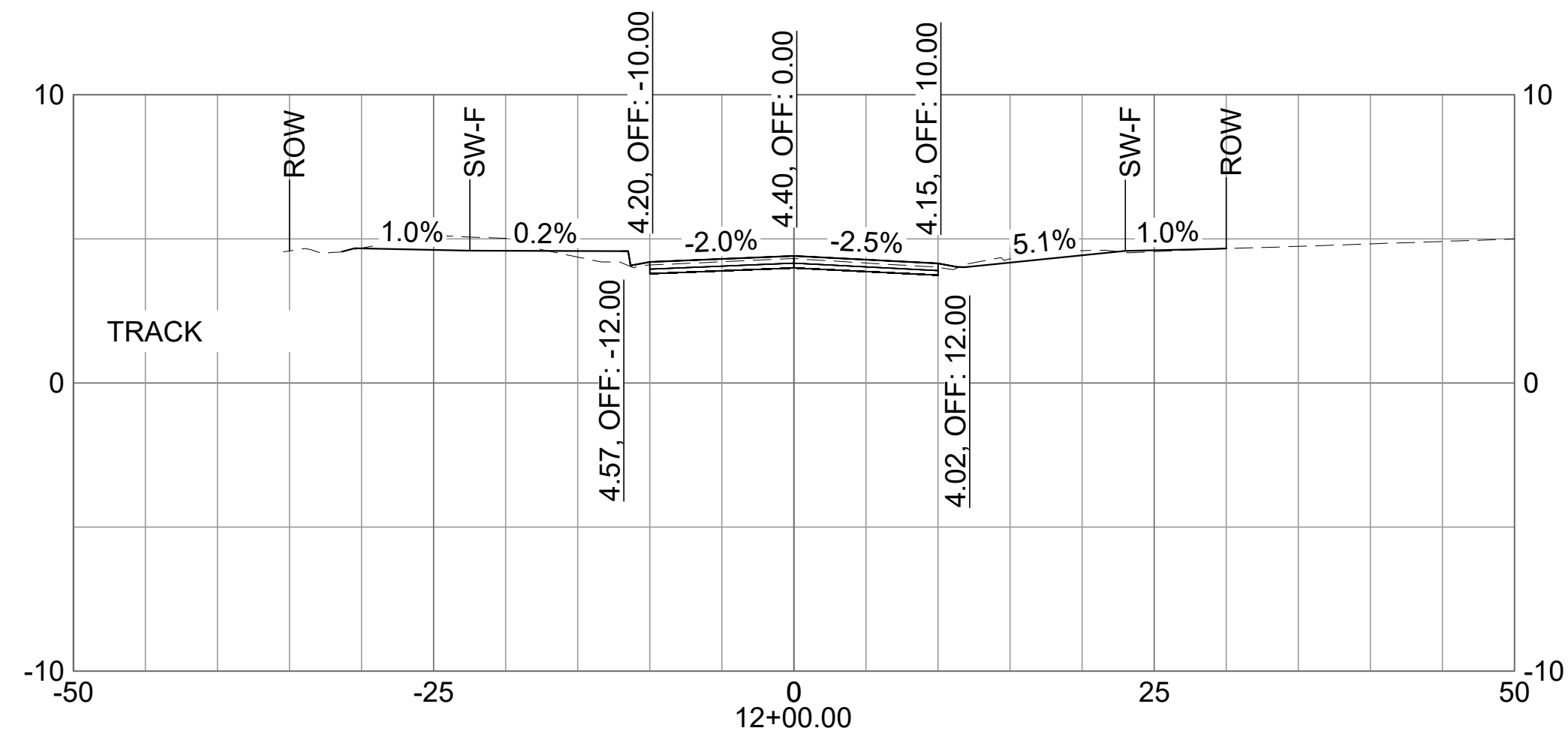
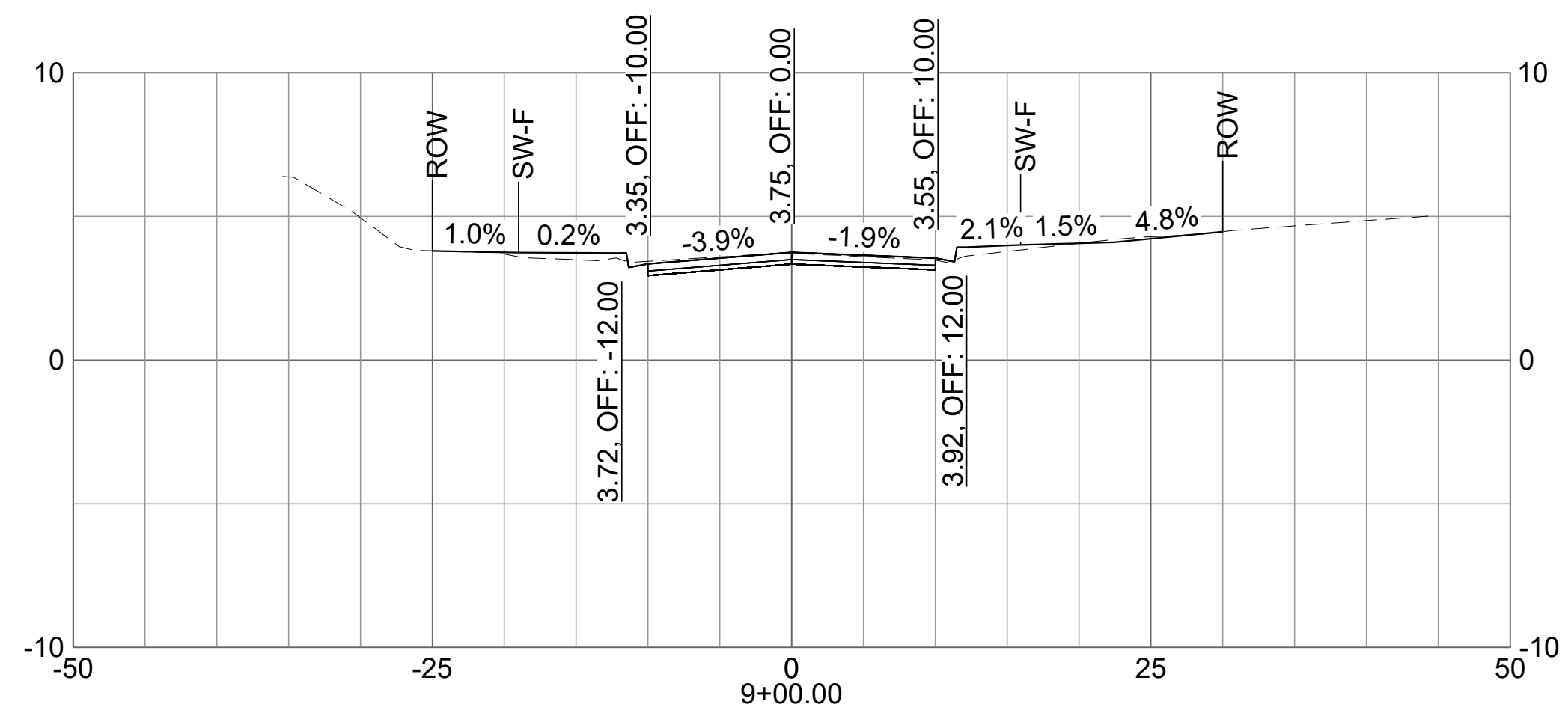


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**CITY OF SATELLITE BEACH**  
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**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

ISSUED  
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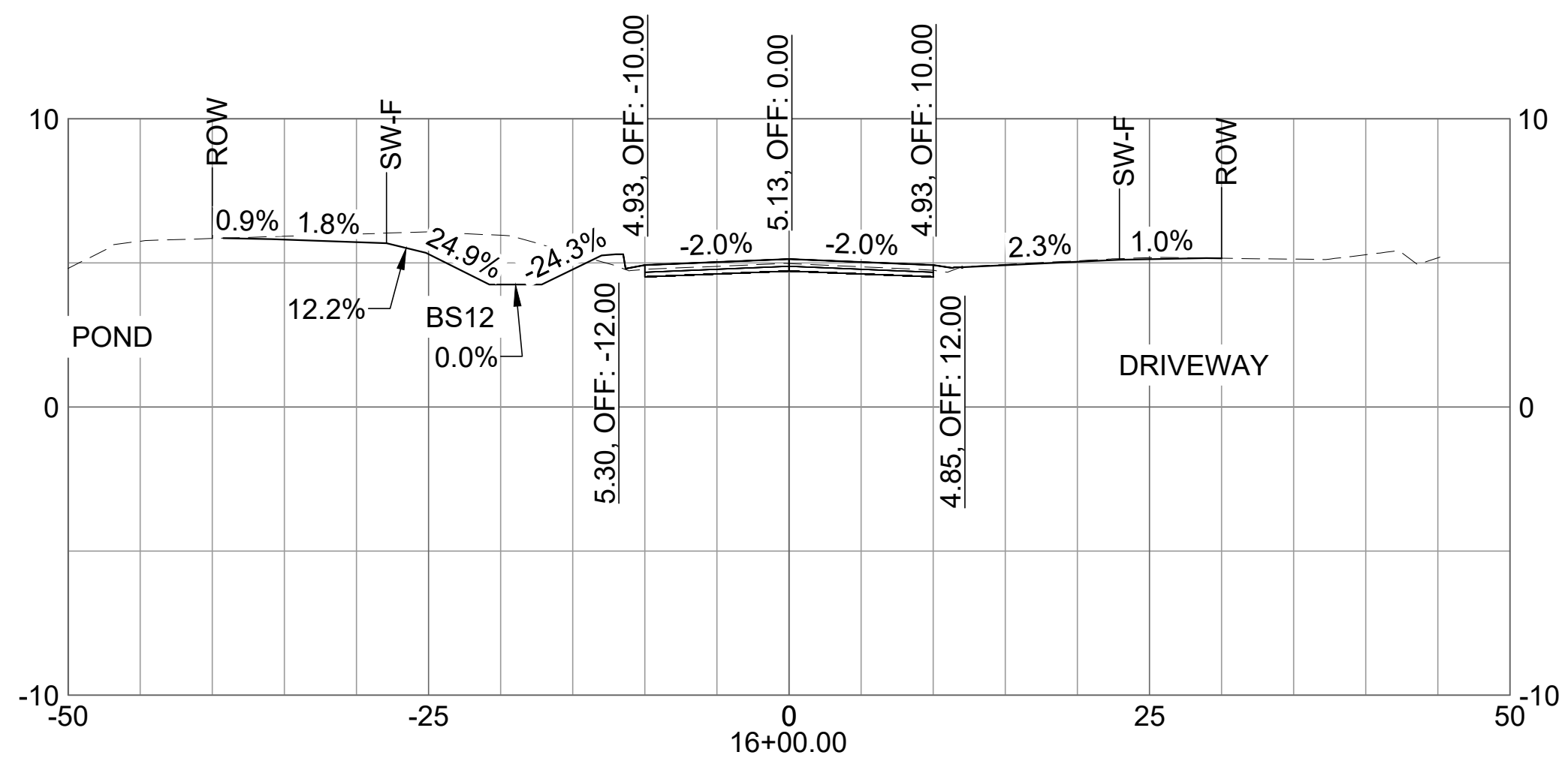
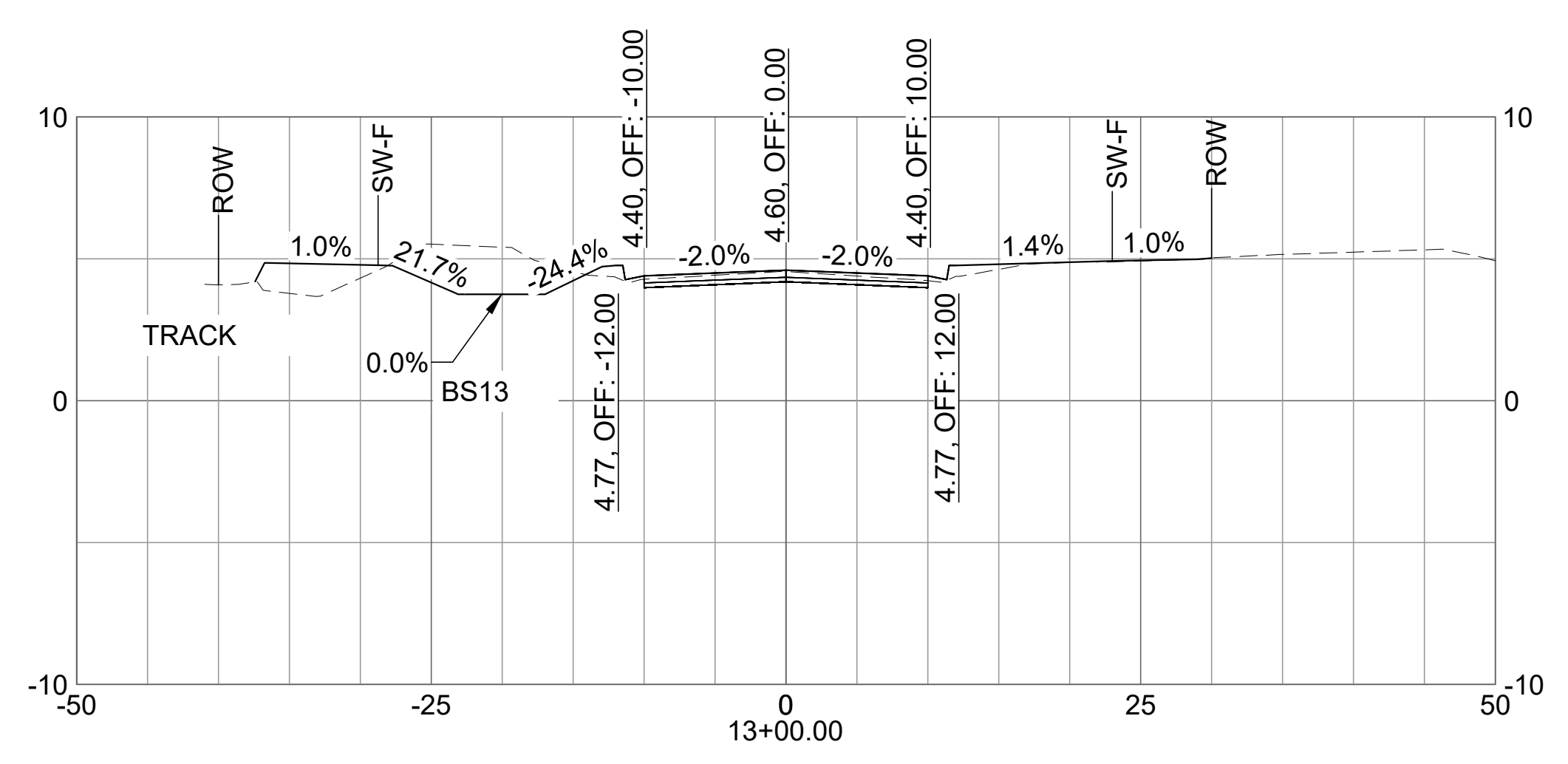
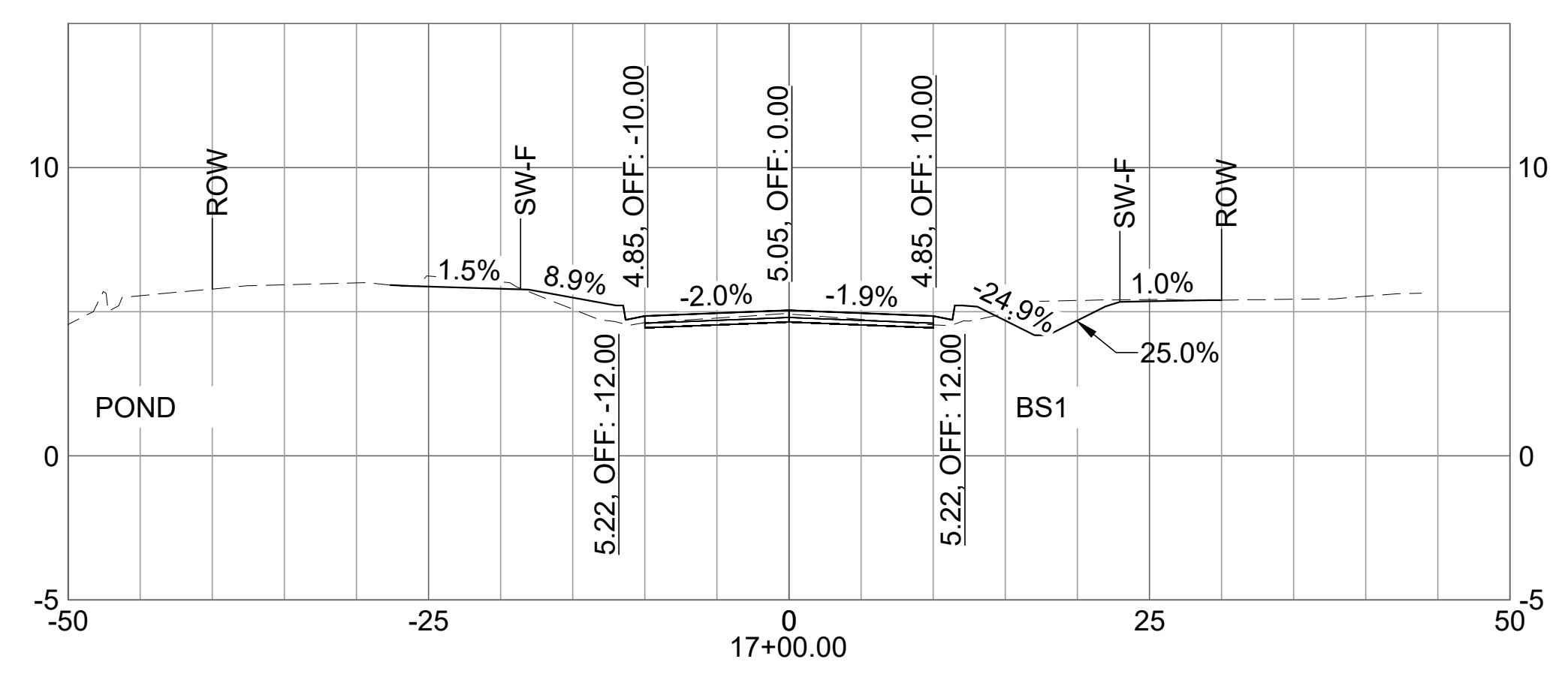
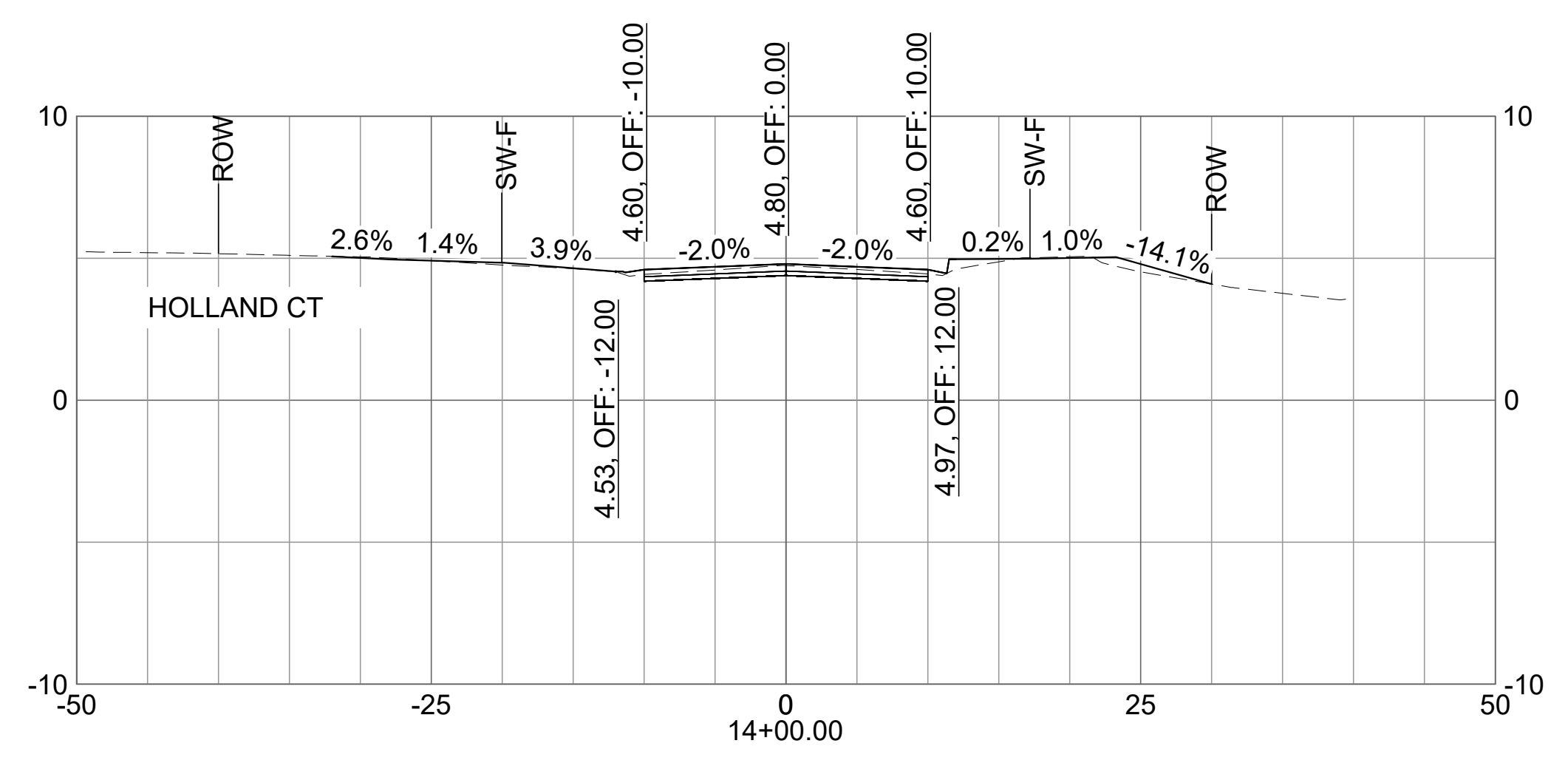
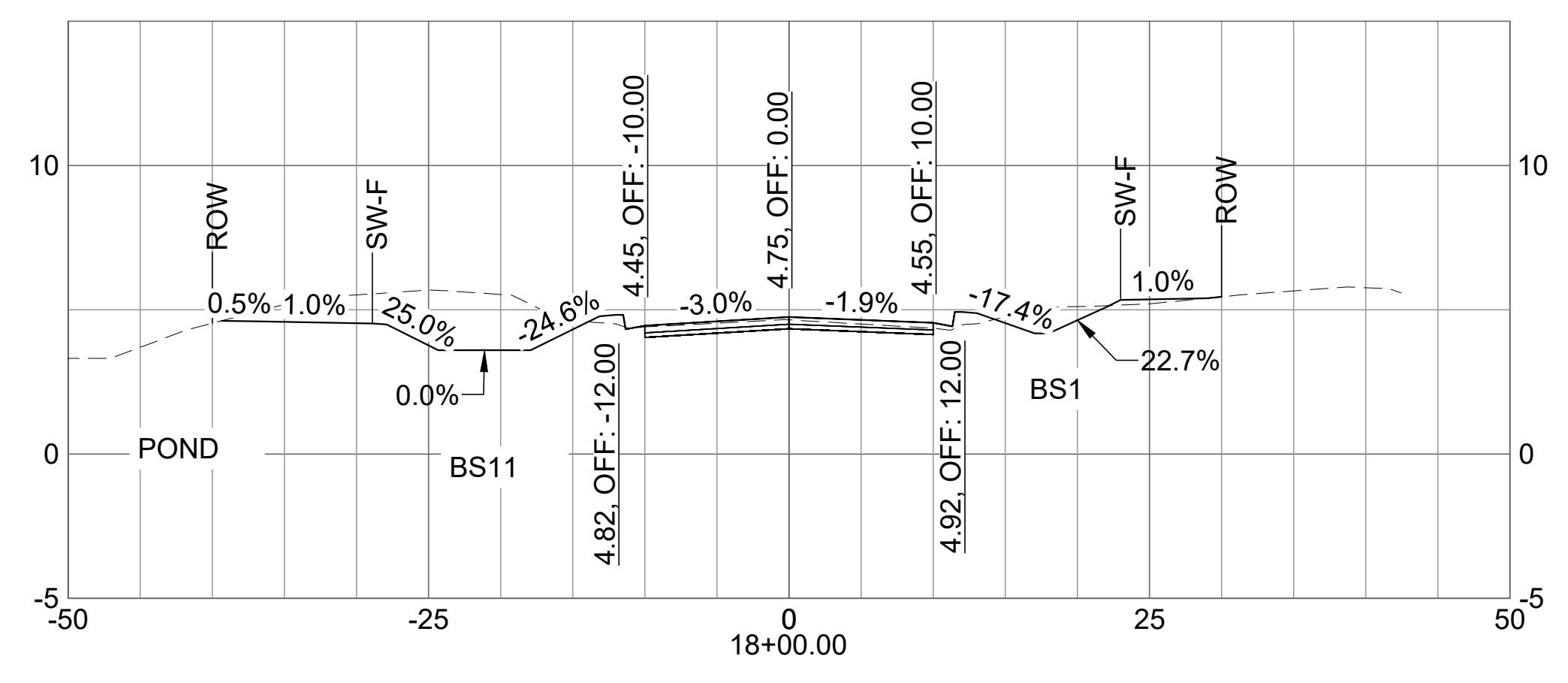
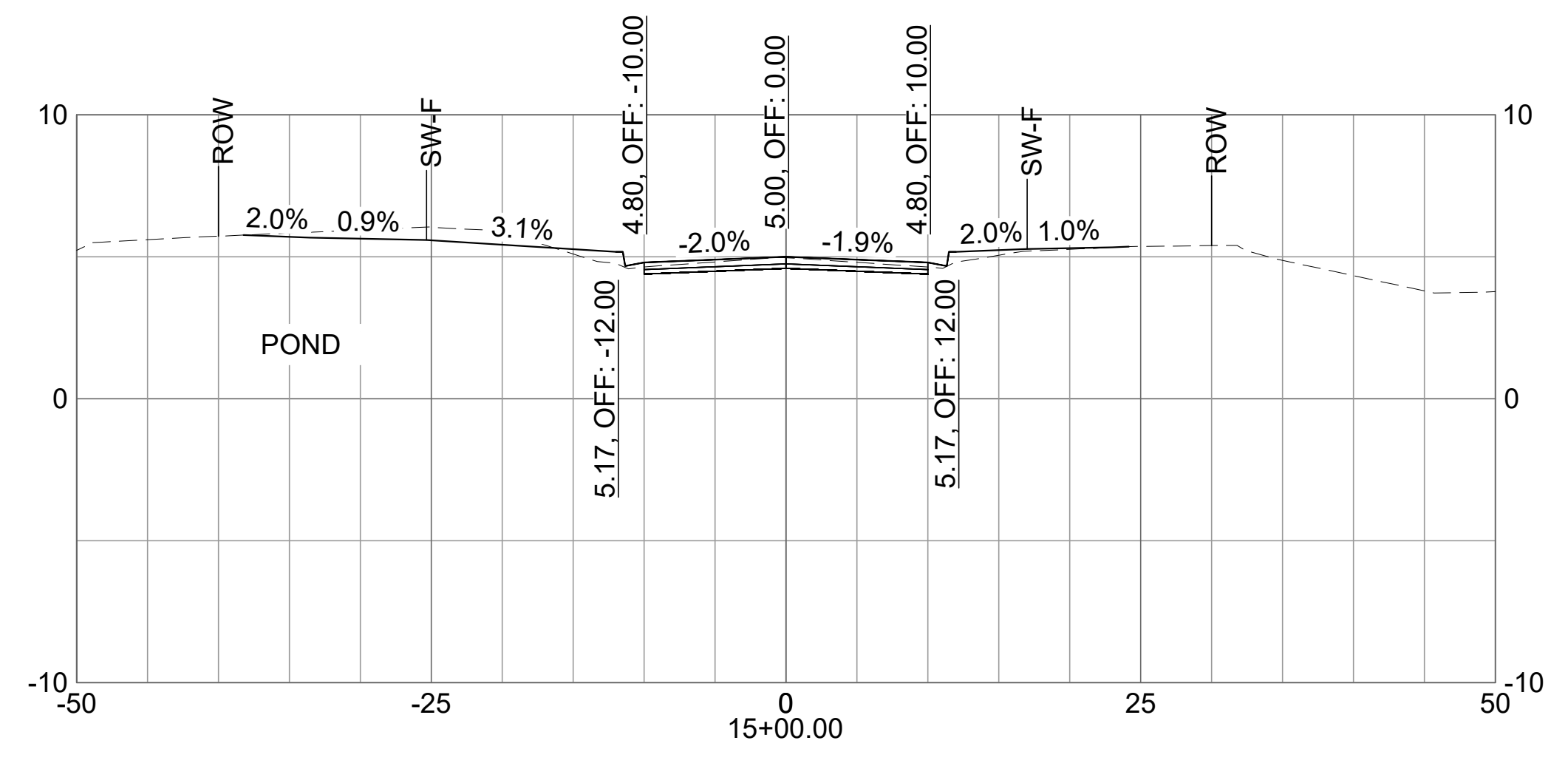
**C-902**



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CITY OF SATELLITE BEACH  
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FROM SR 513 TO A1A  
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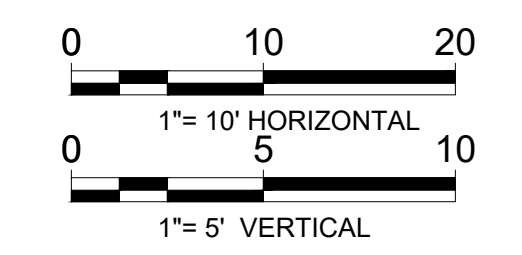
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C-903





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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

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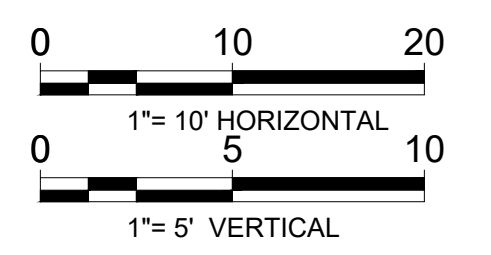
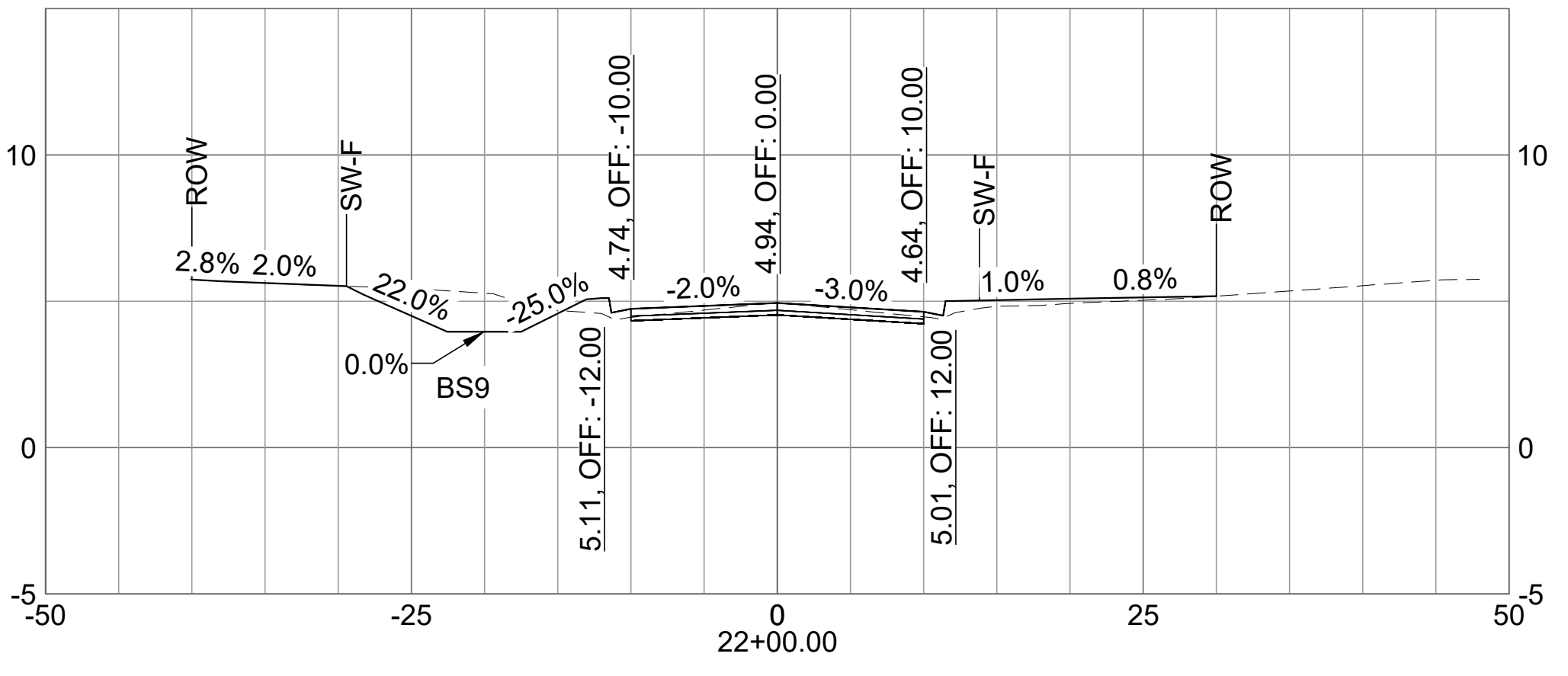
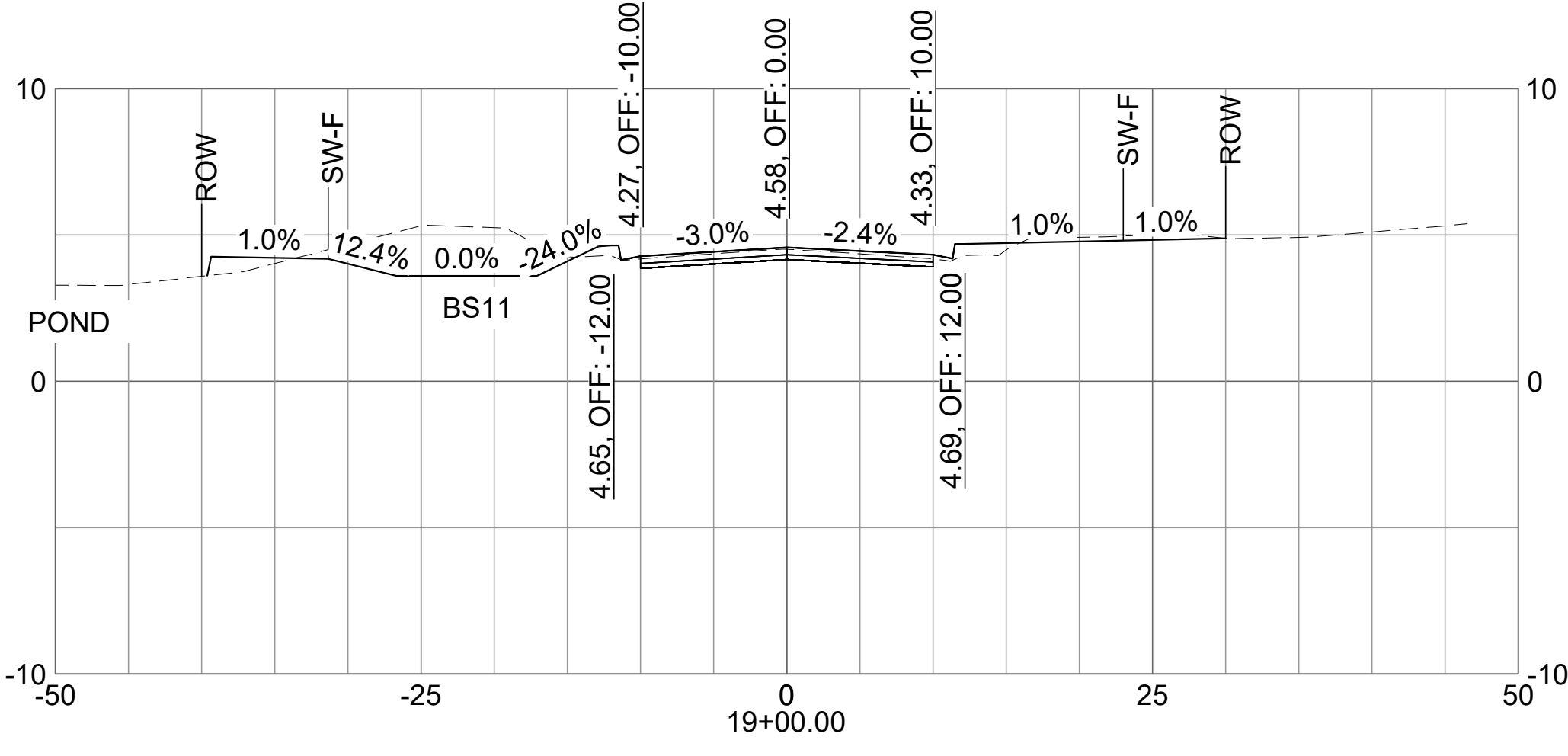
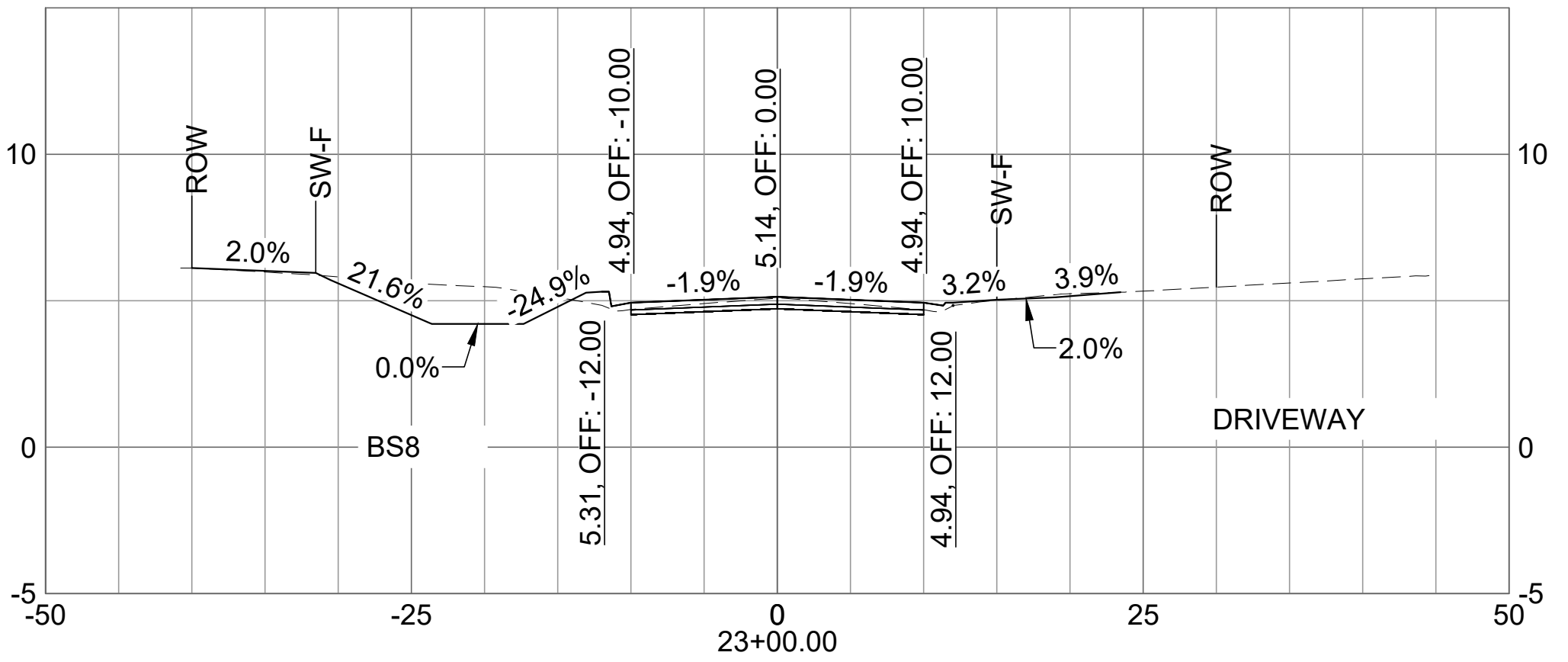
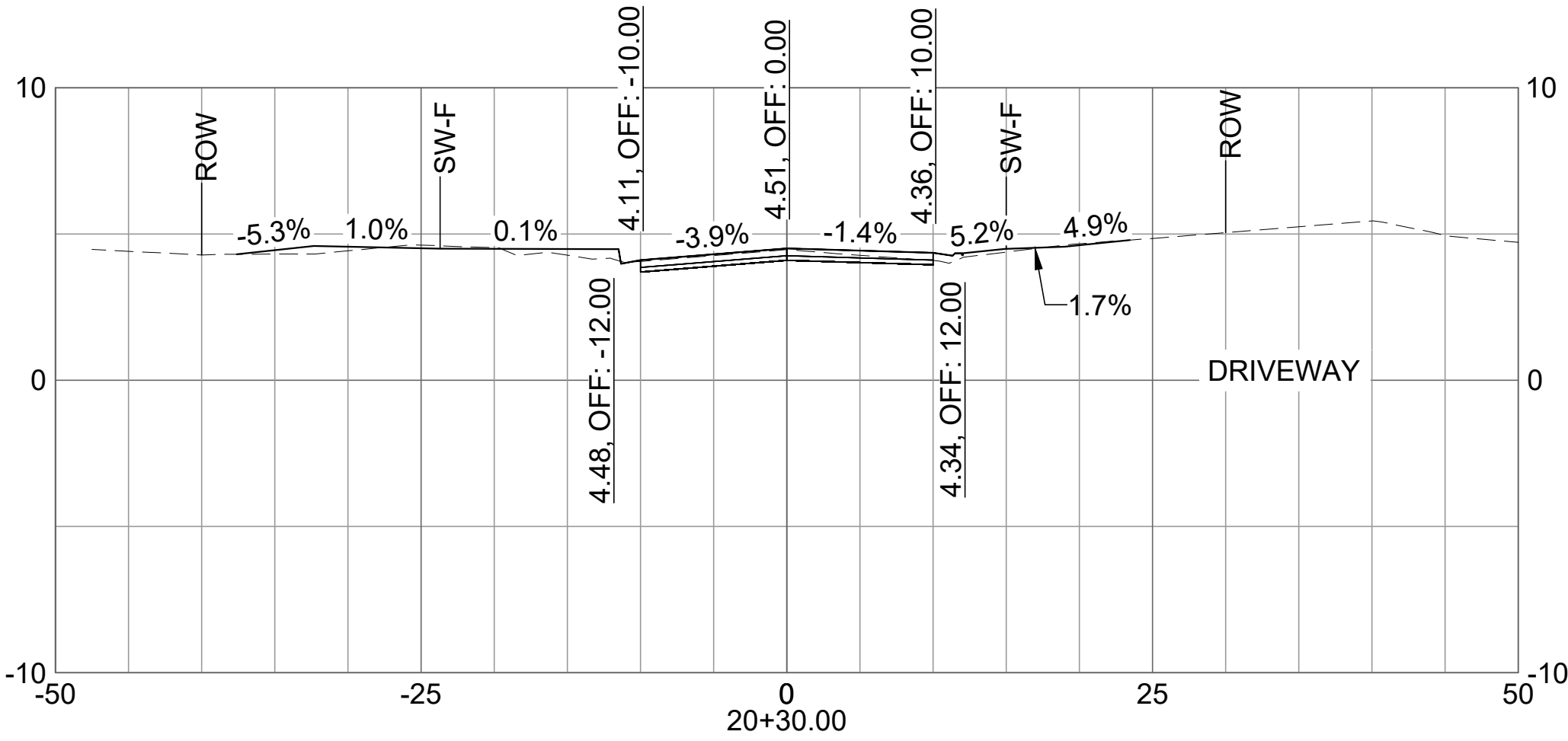
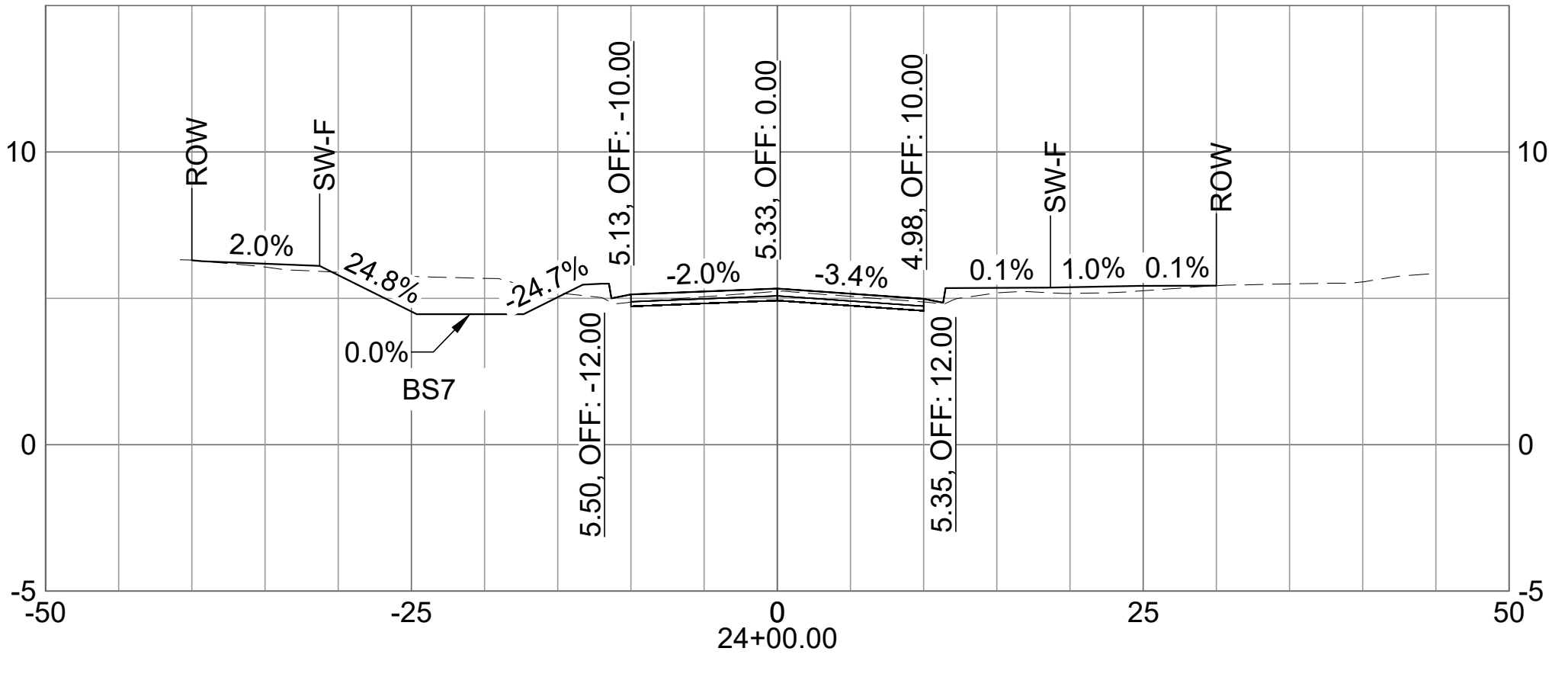
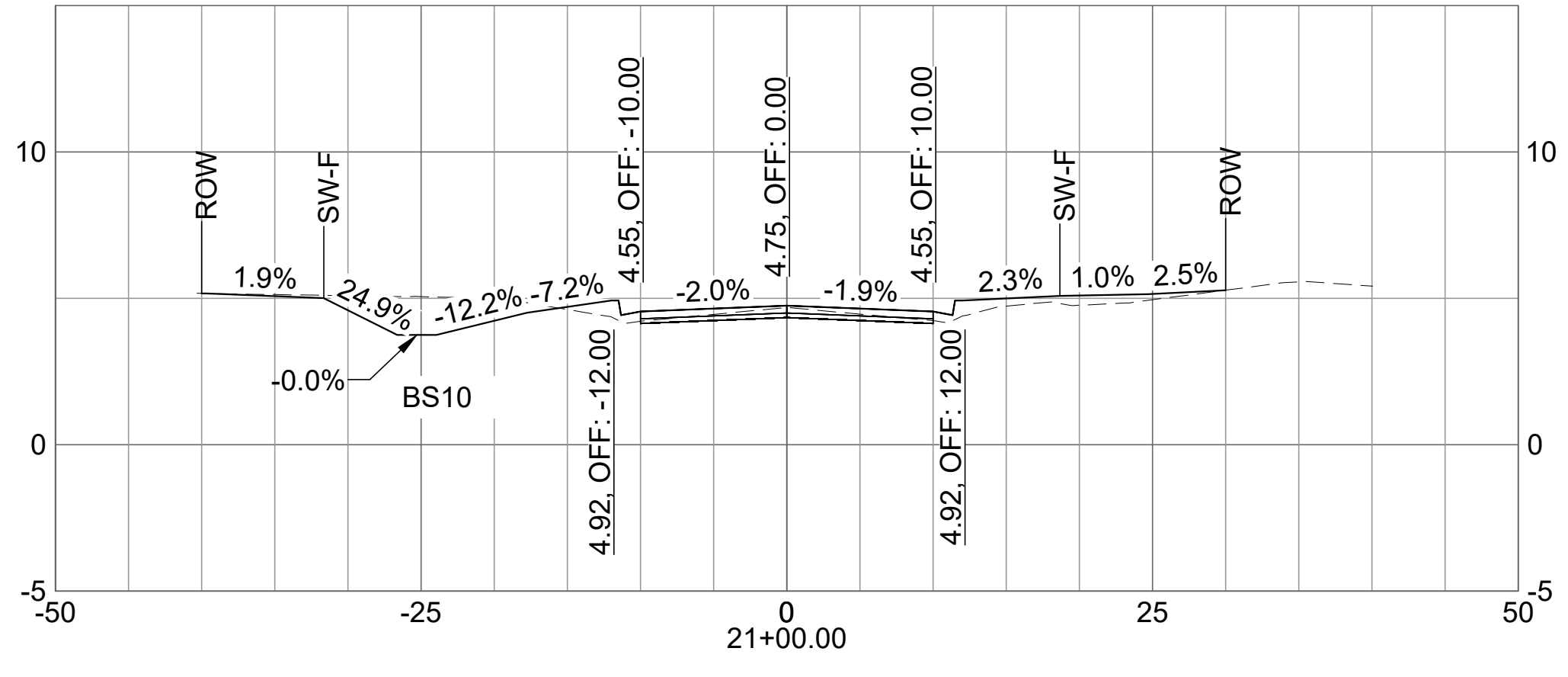
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## CITY OF SATELLITE BEACH JACKSON AVE. FROM SR 513 TO A1A SATELLITE BEACH, FL

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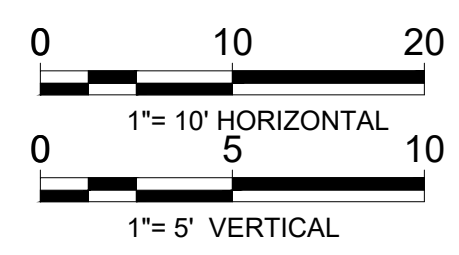
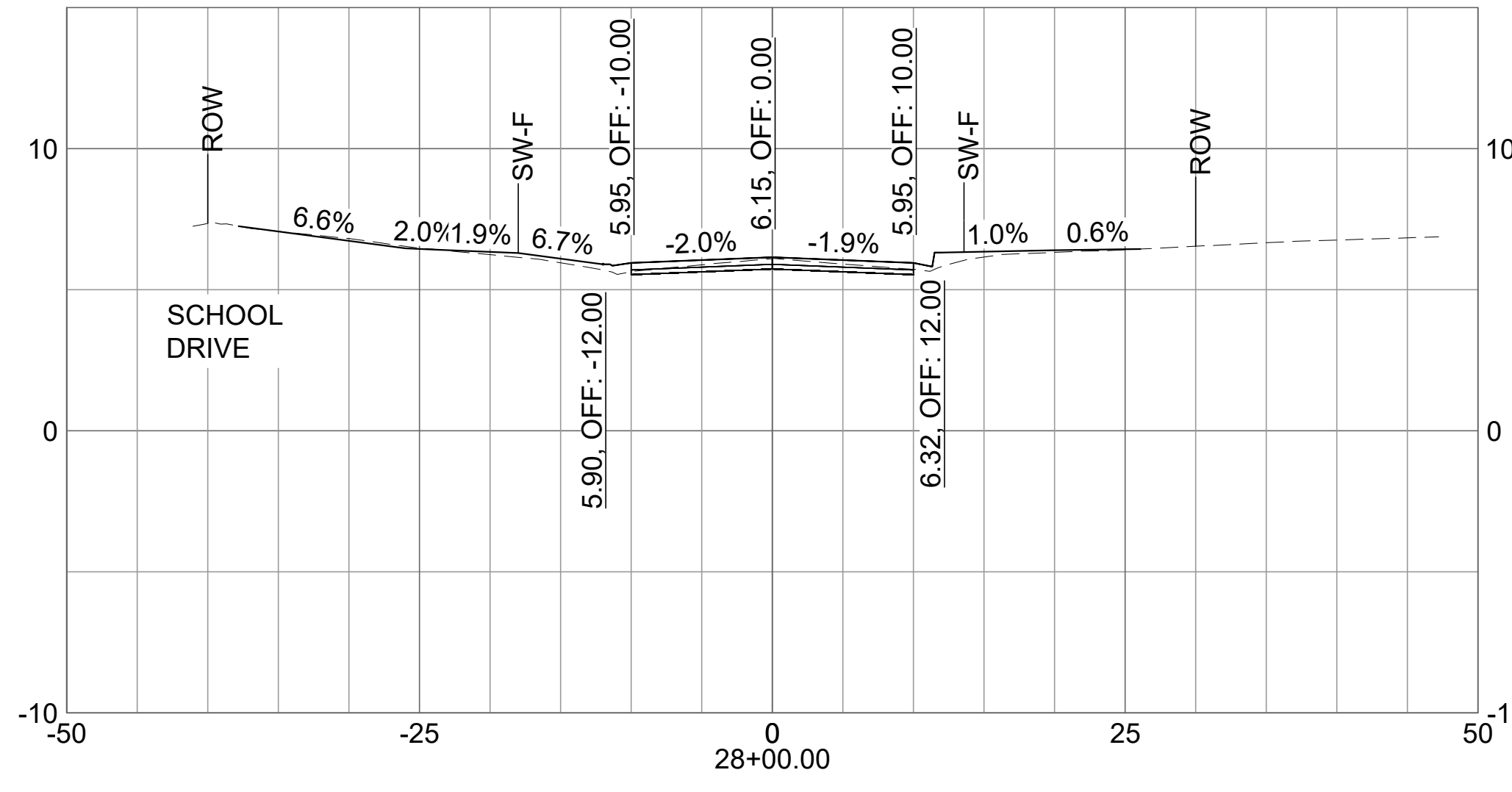
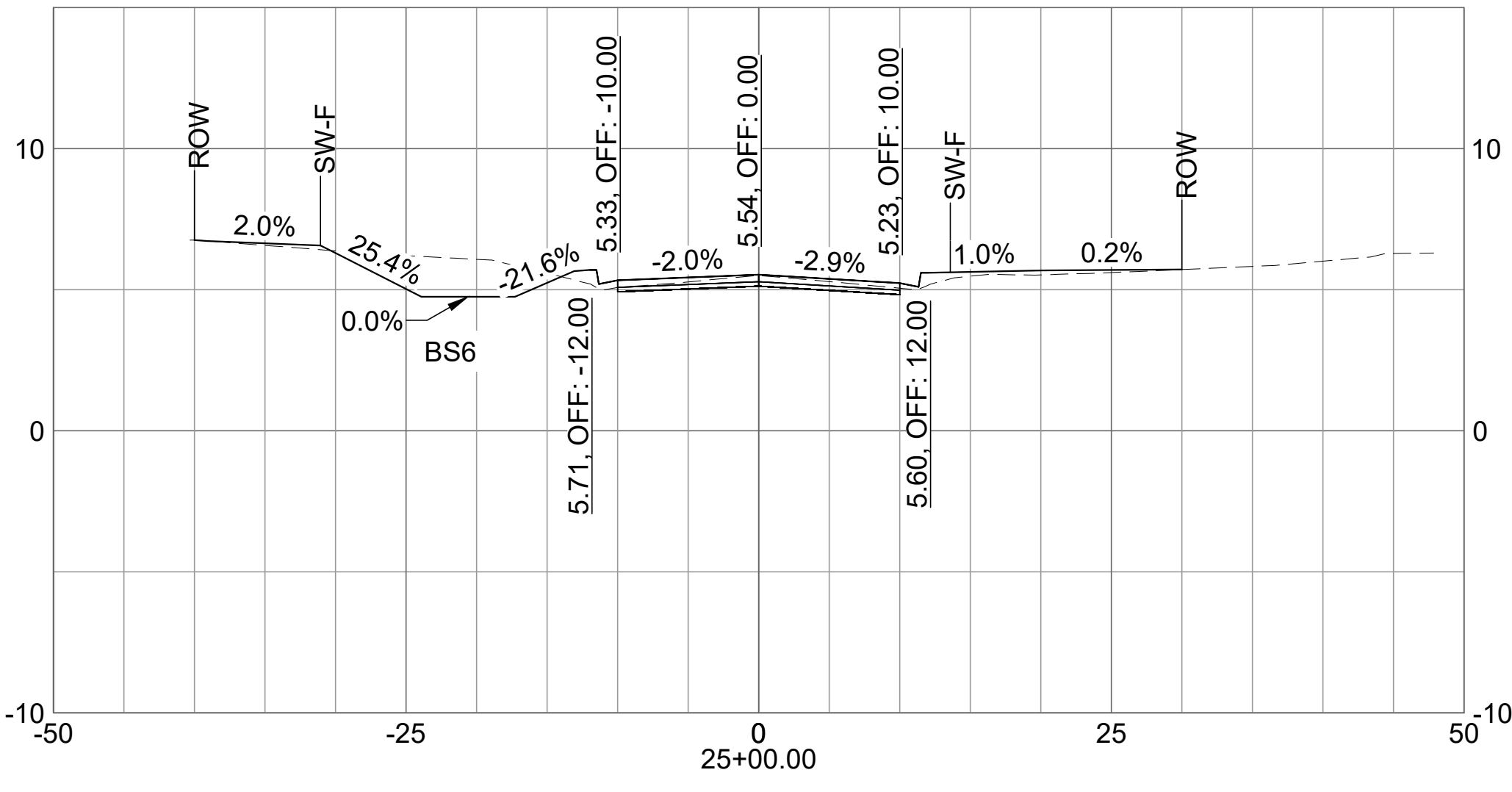
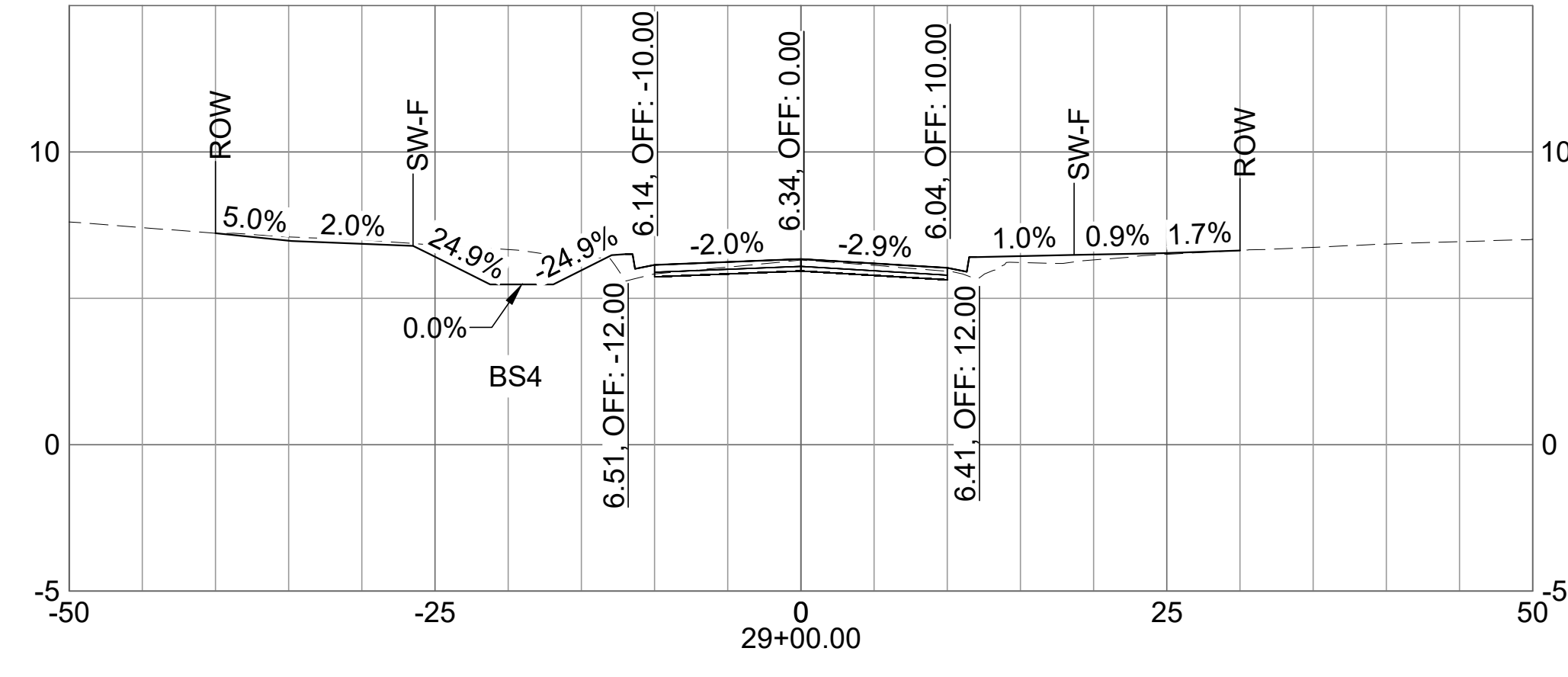
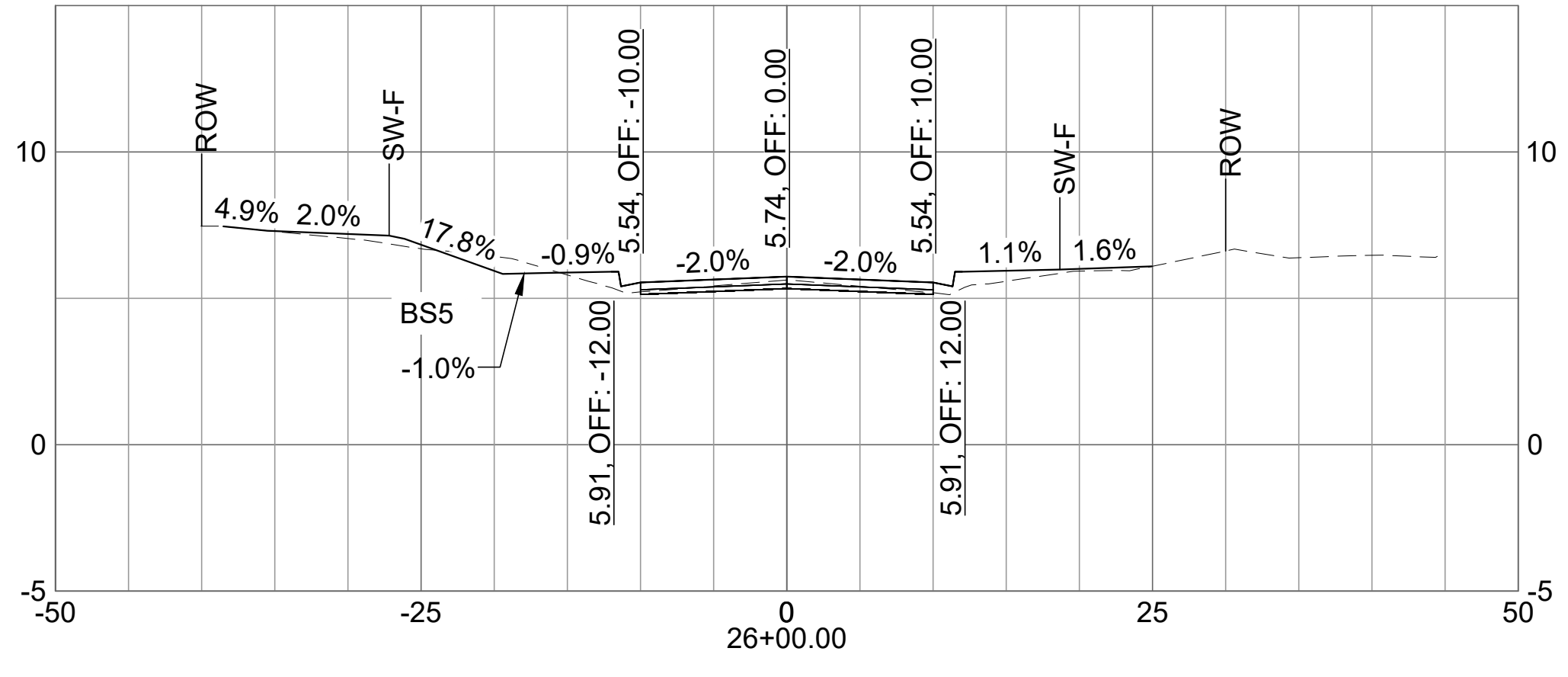
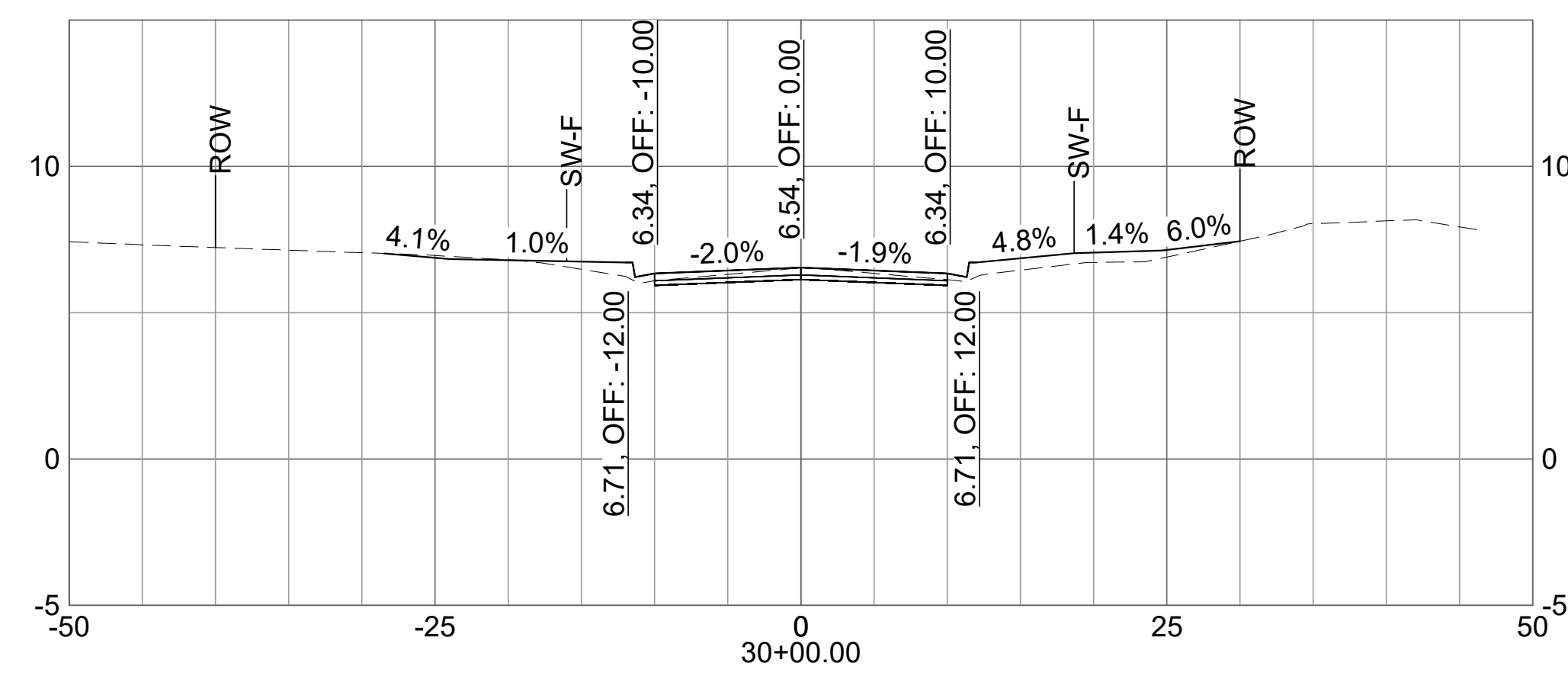
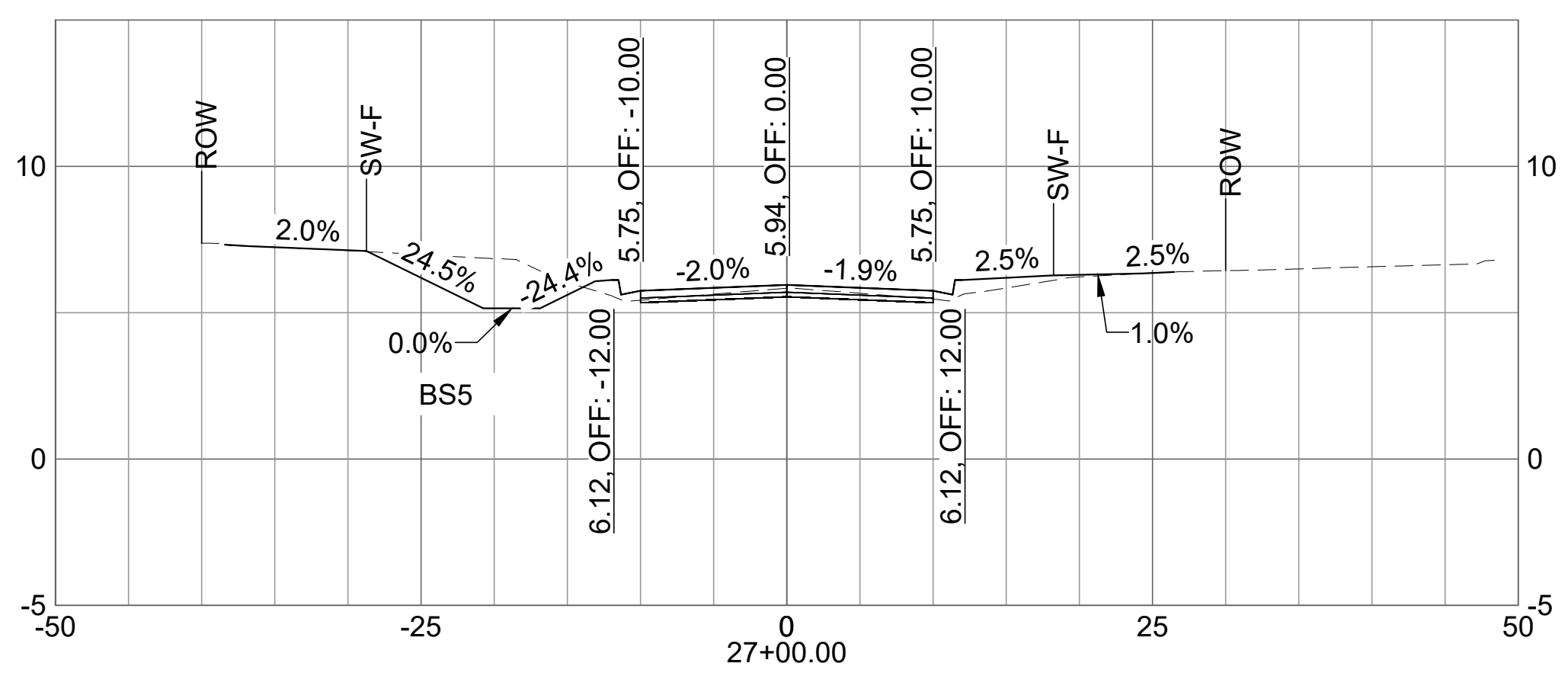
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 FROM SR 513 TO A1A  
 SATELLITE BEACH, FL**

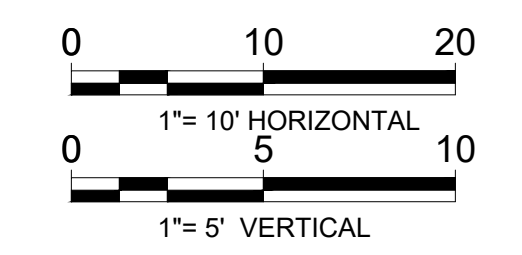
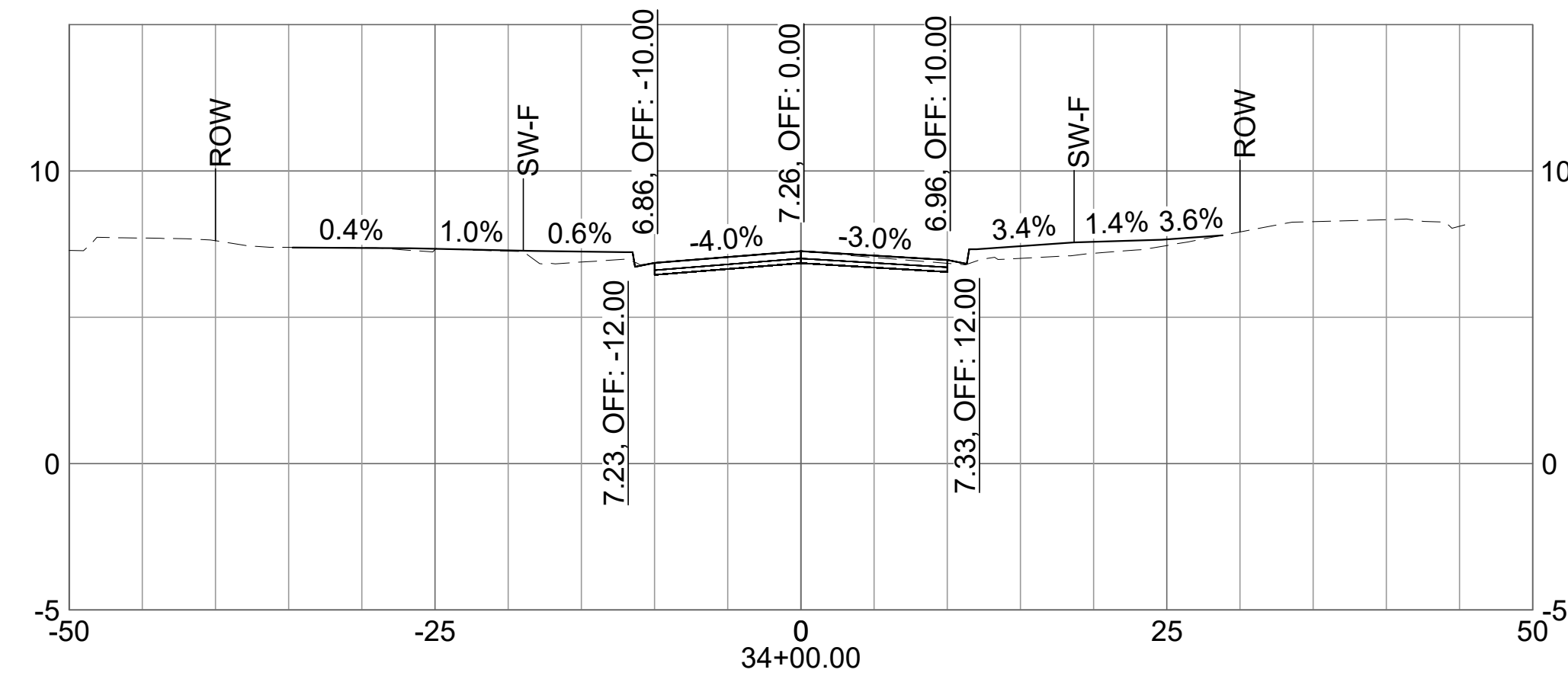
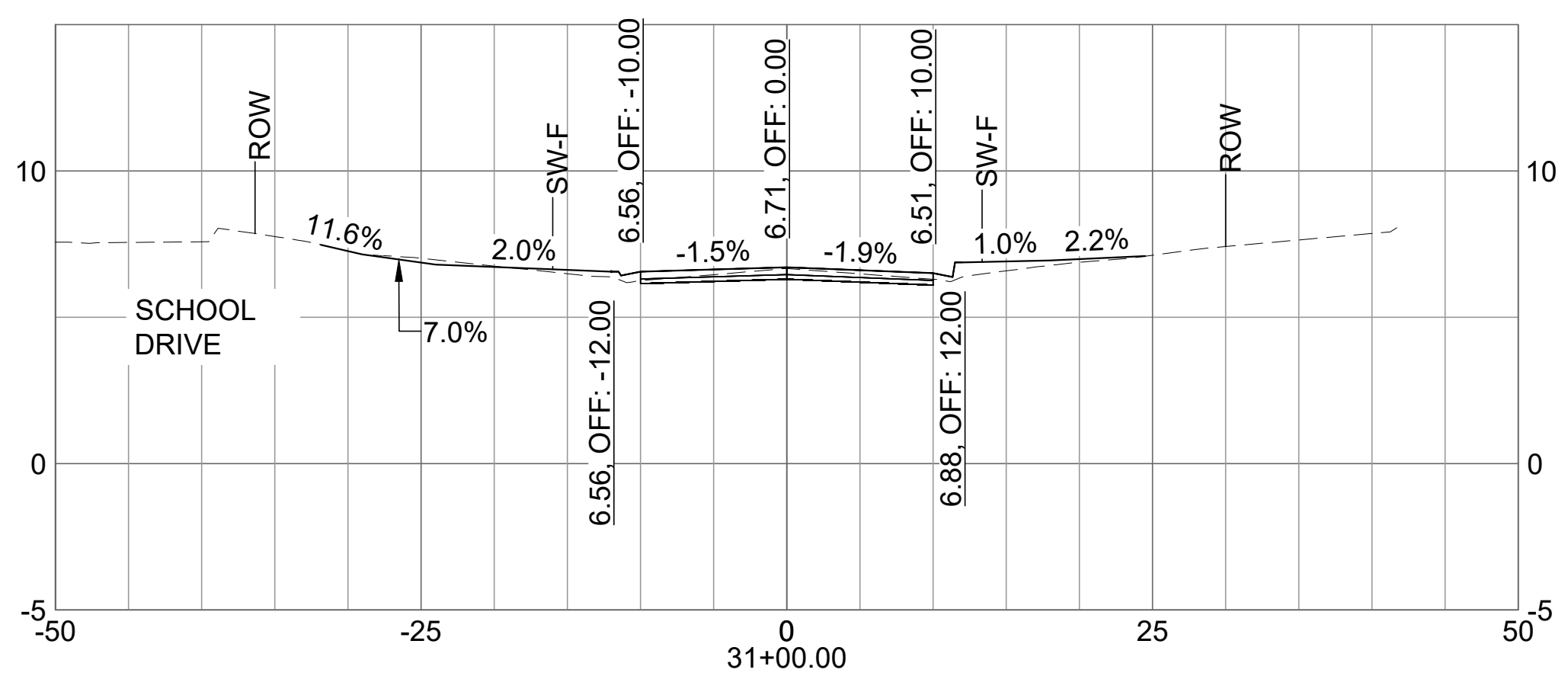
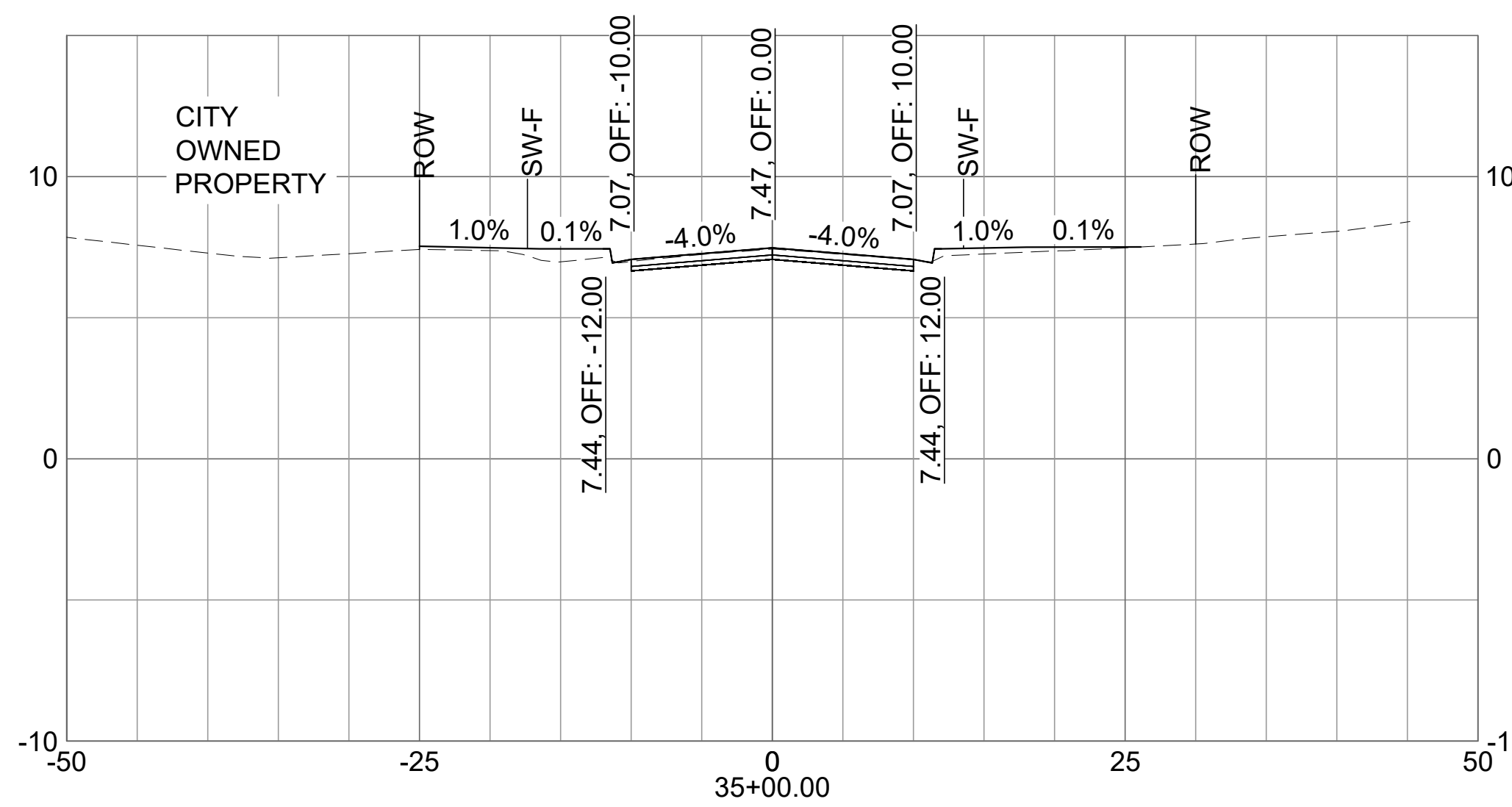
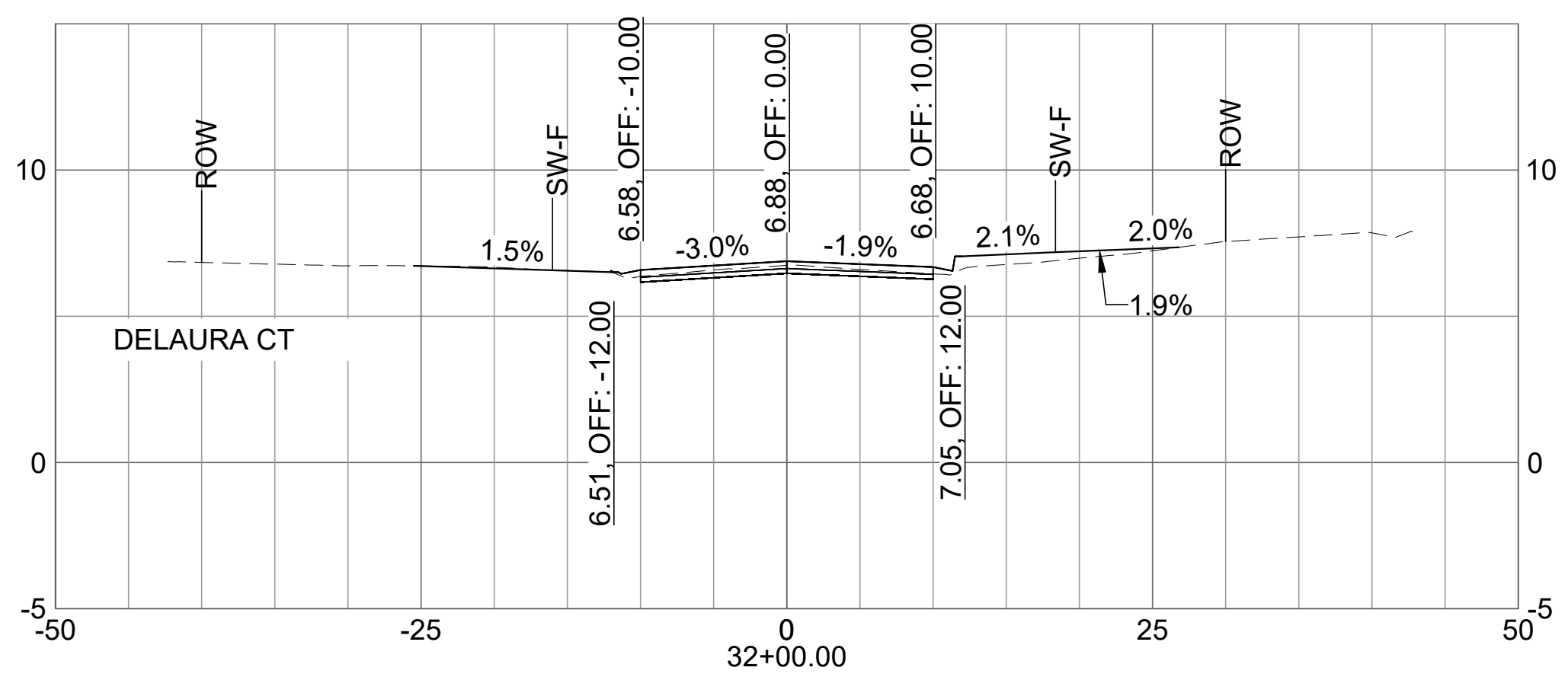
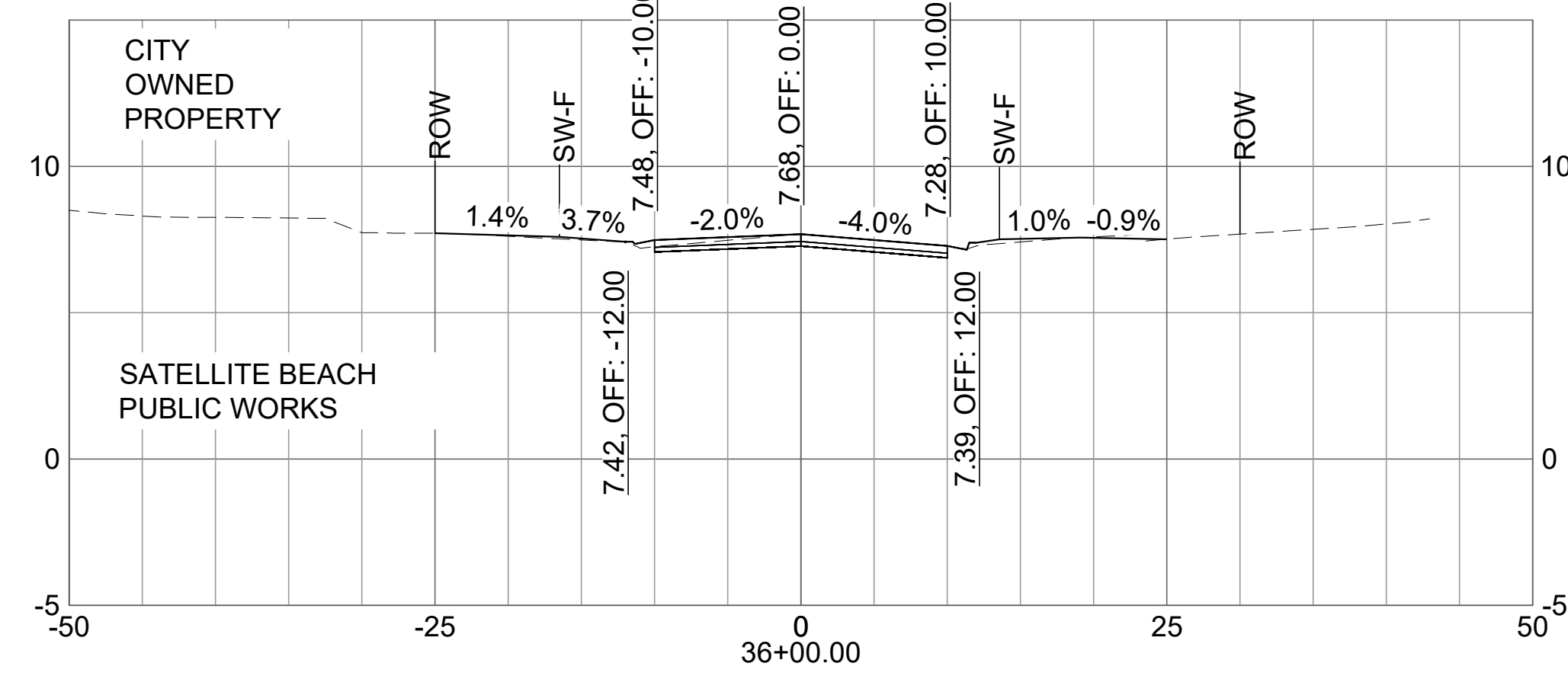
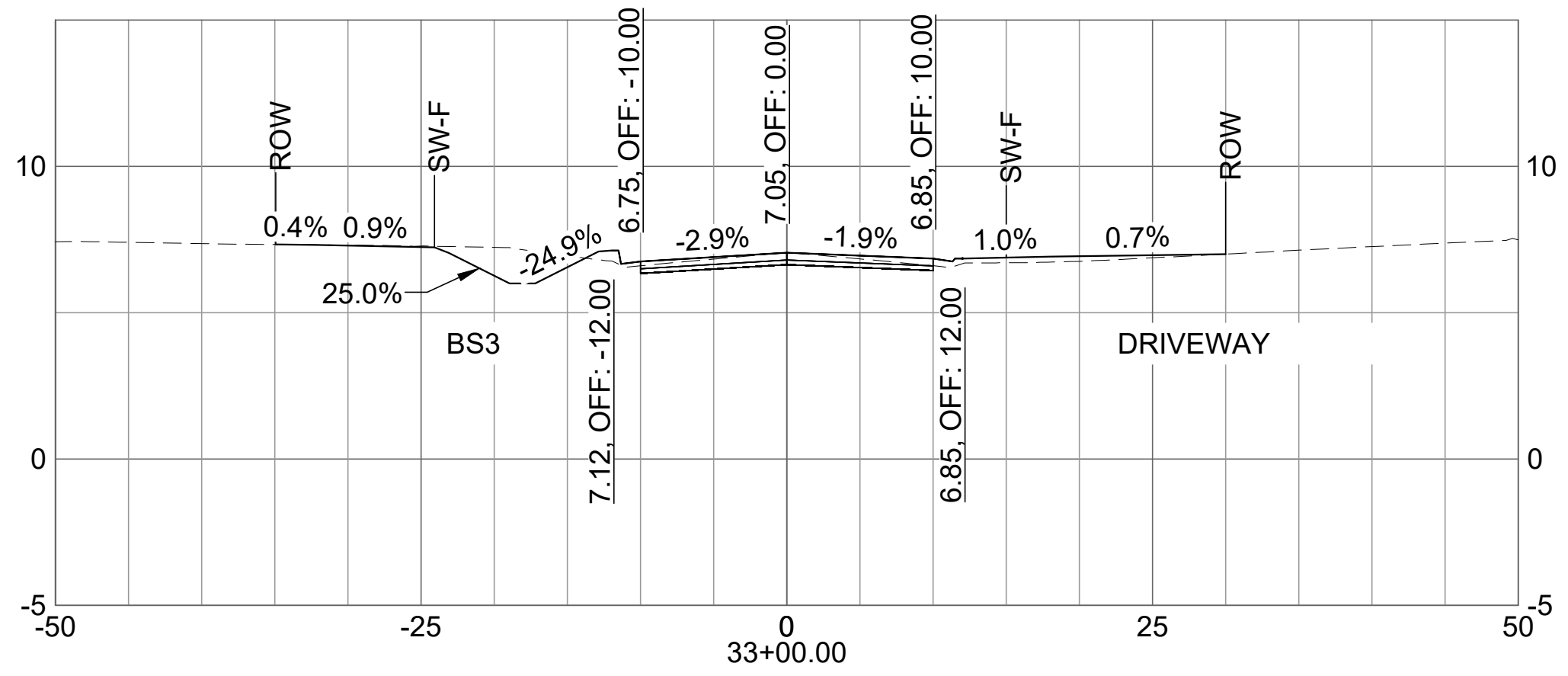
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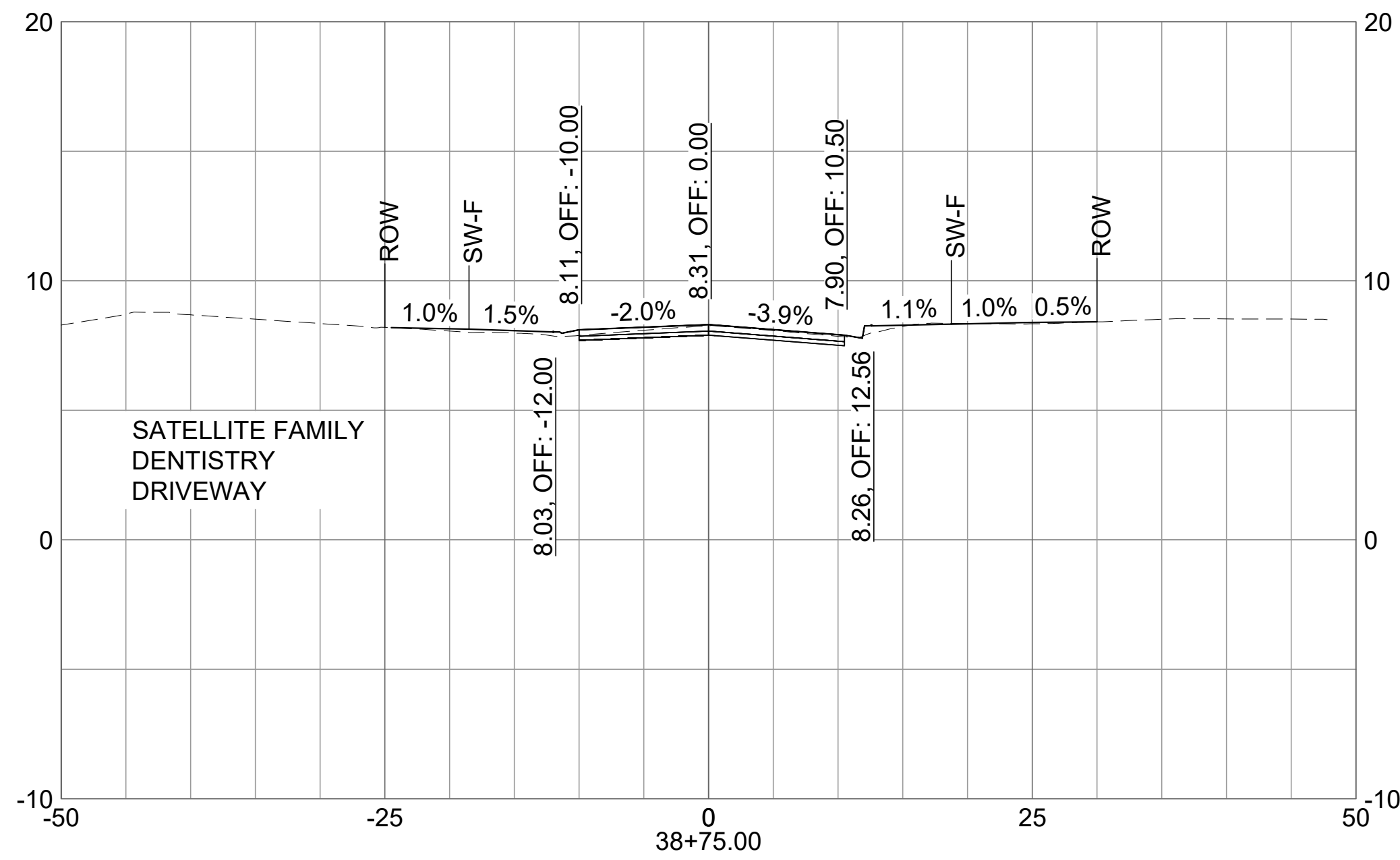
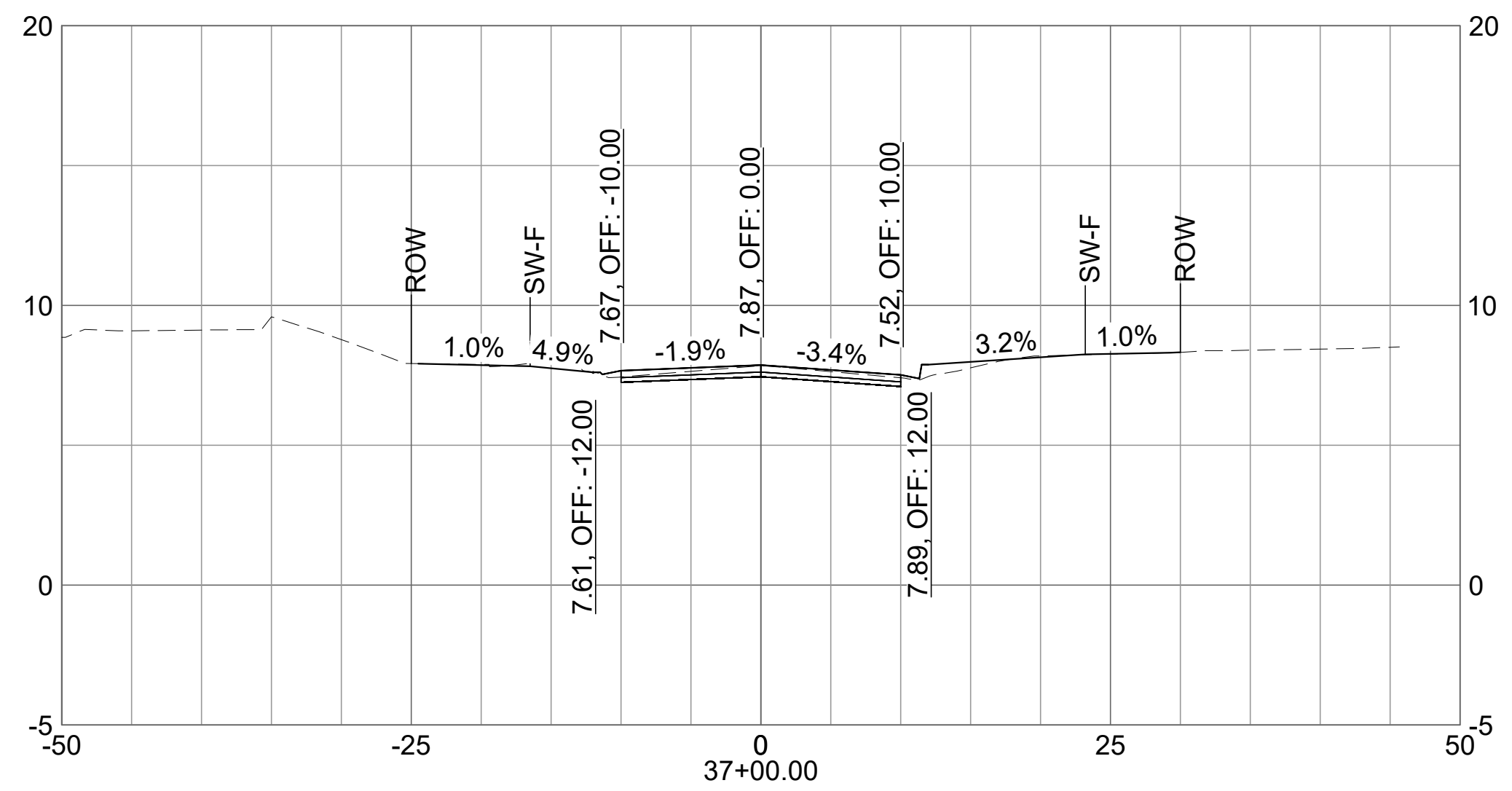
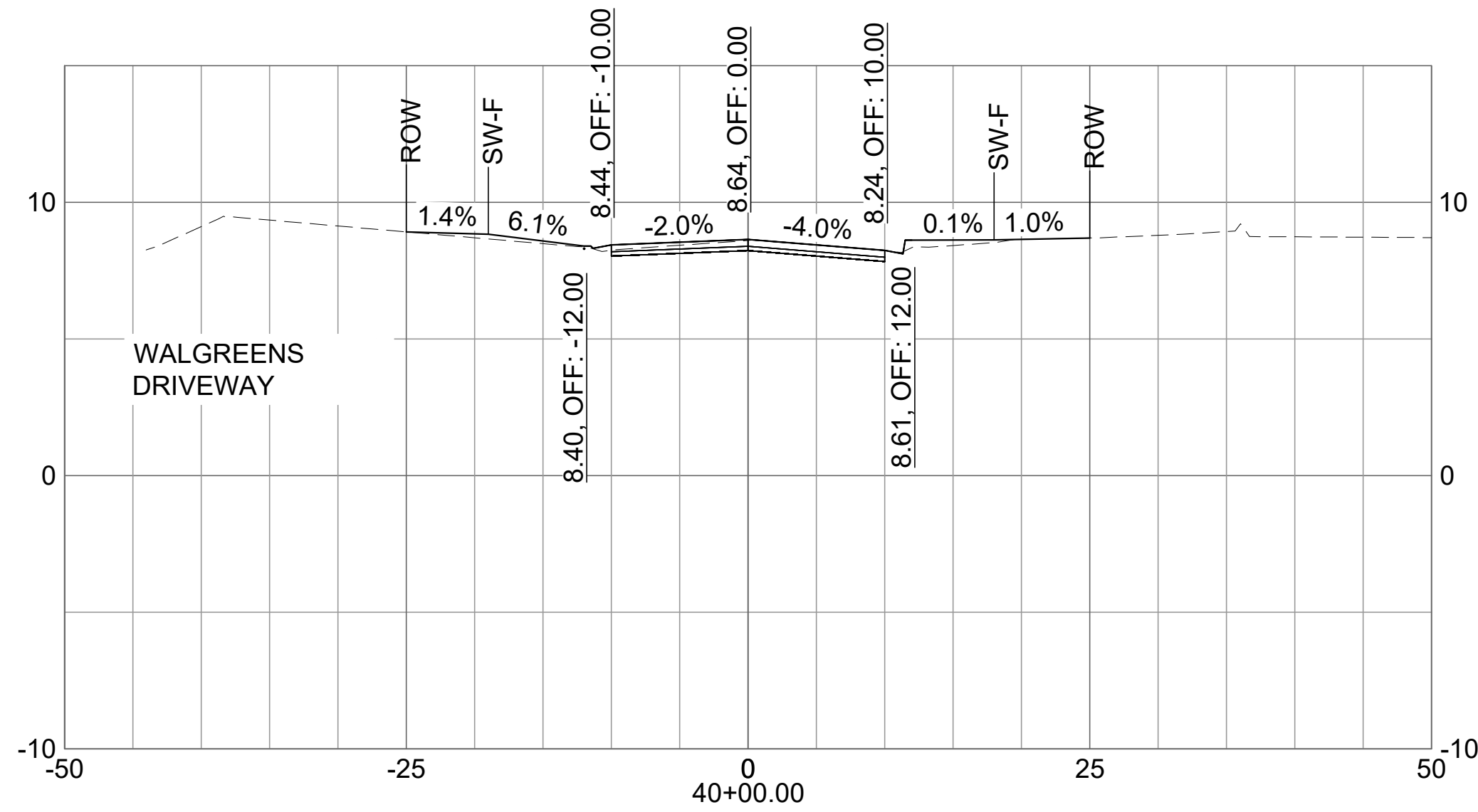
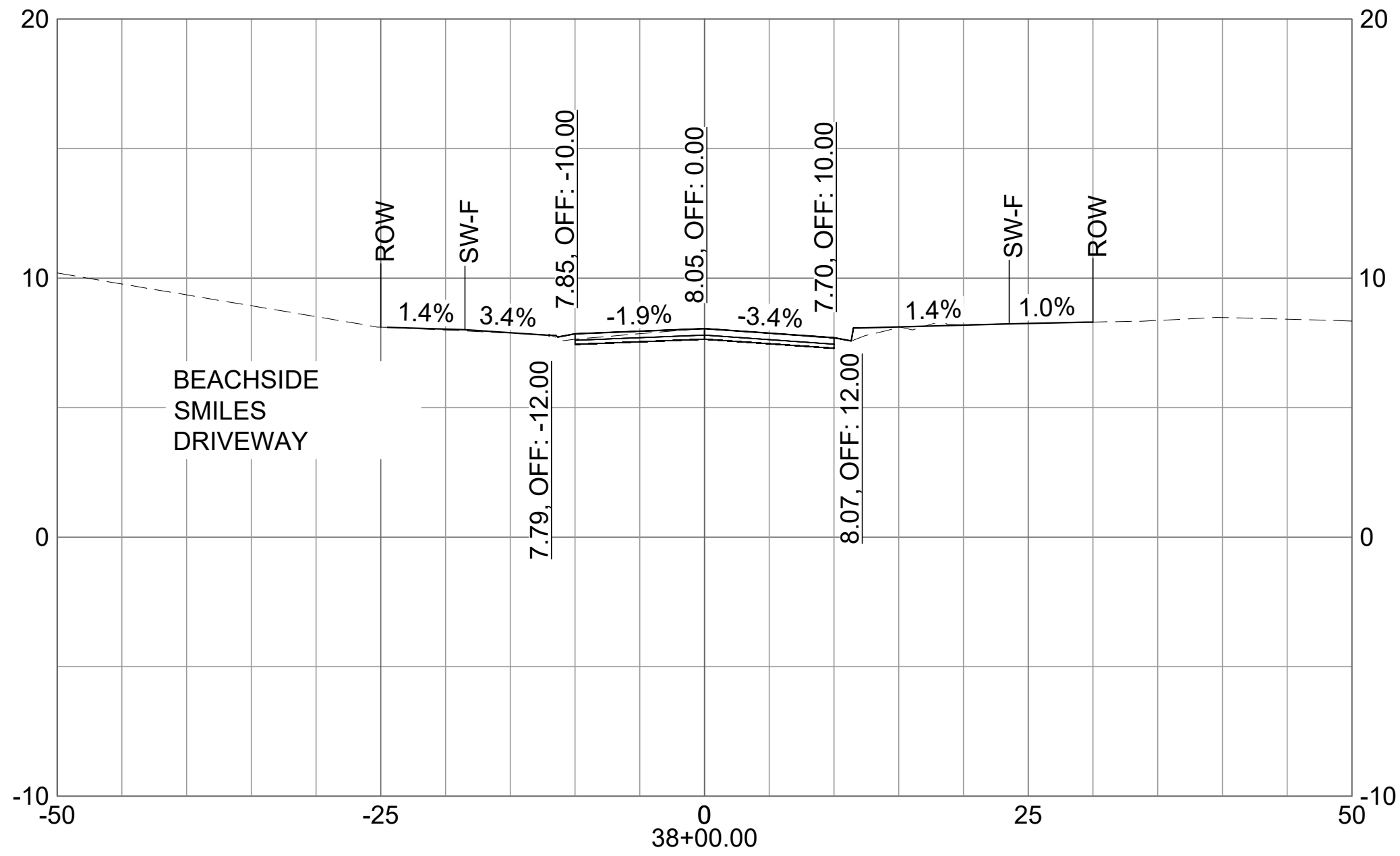
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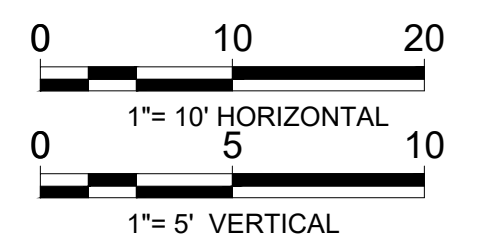
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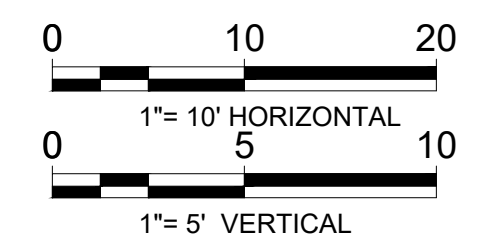
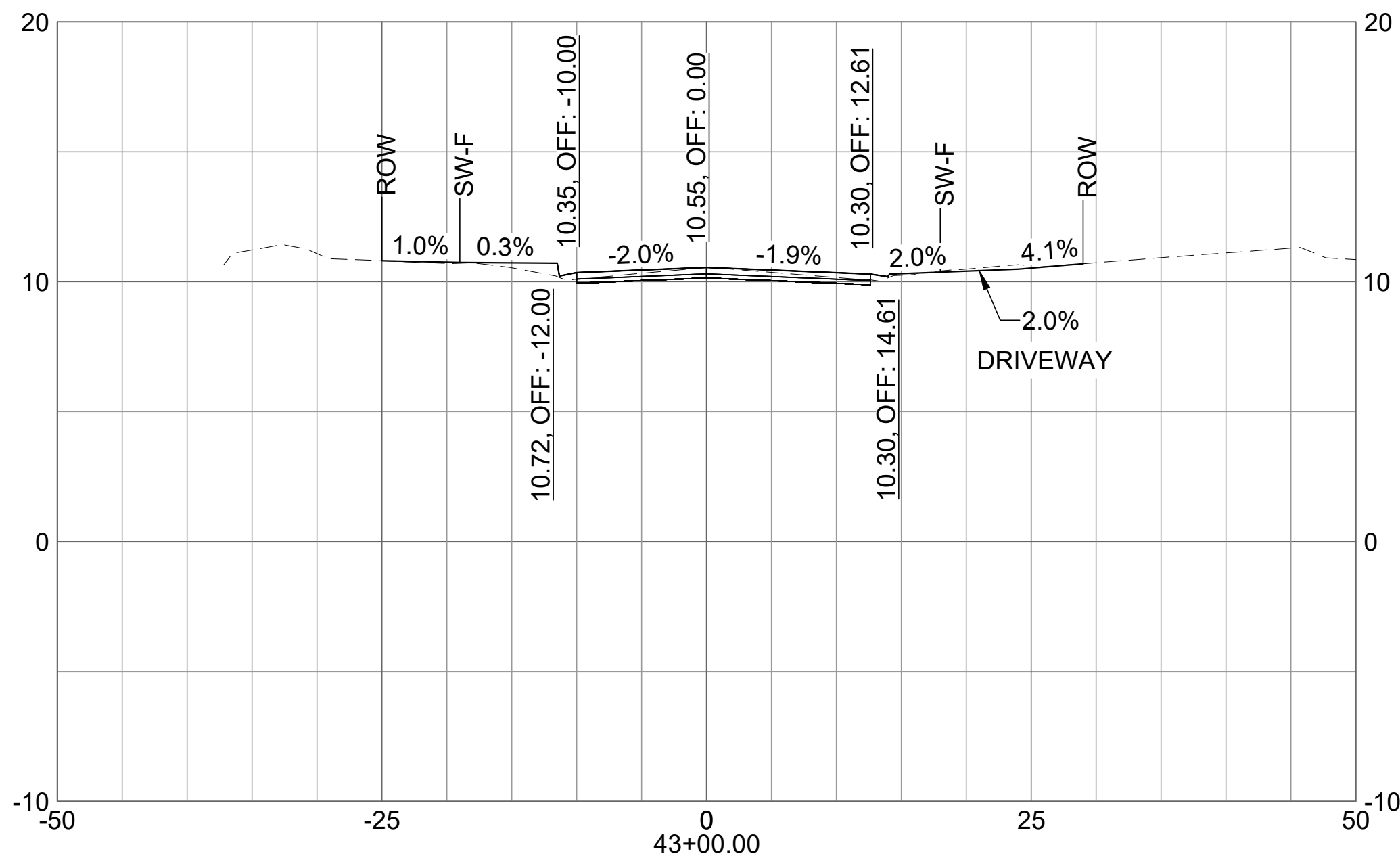
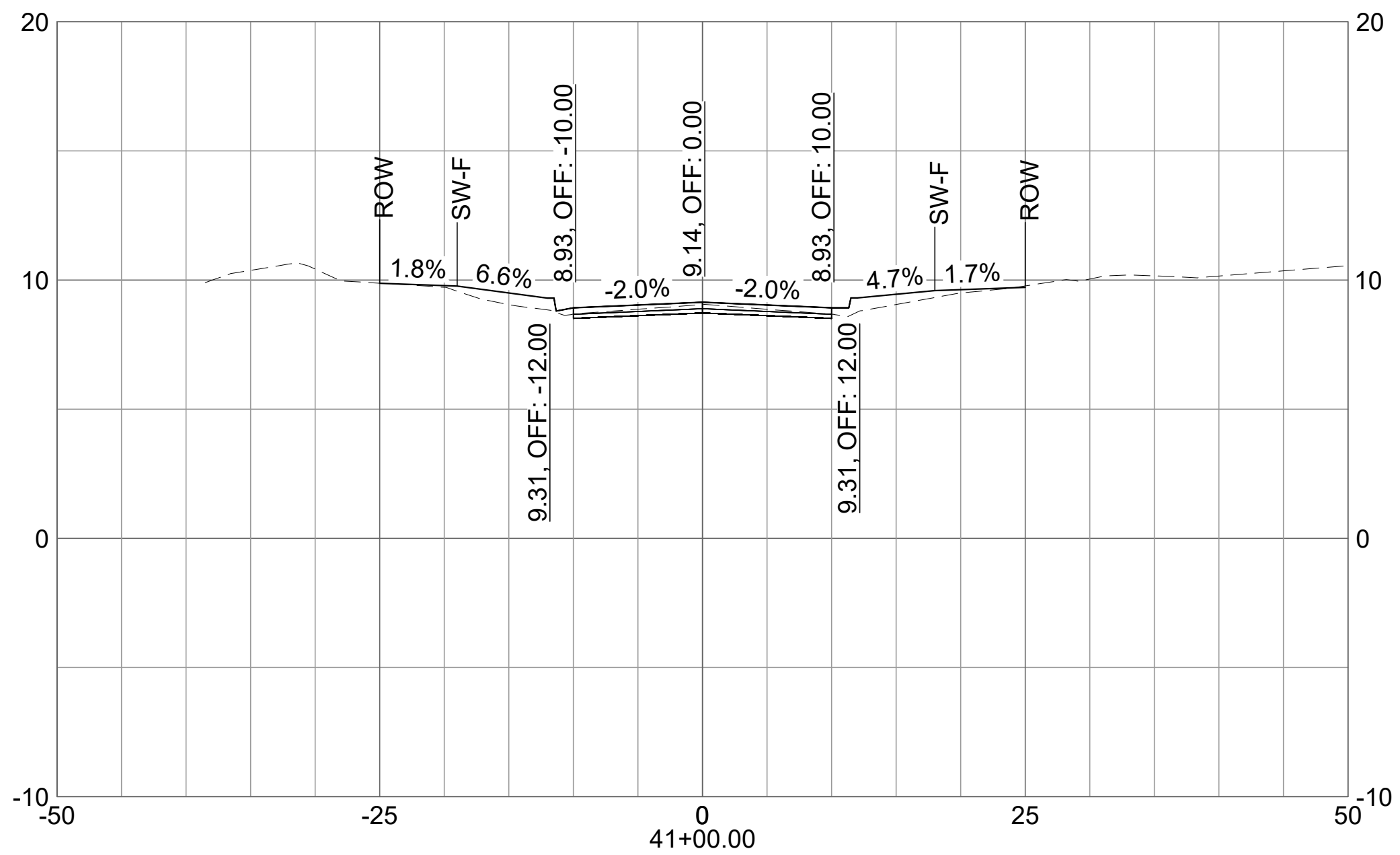
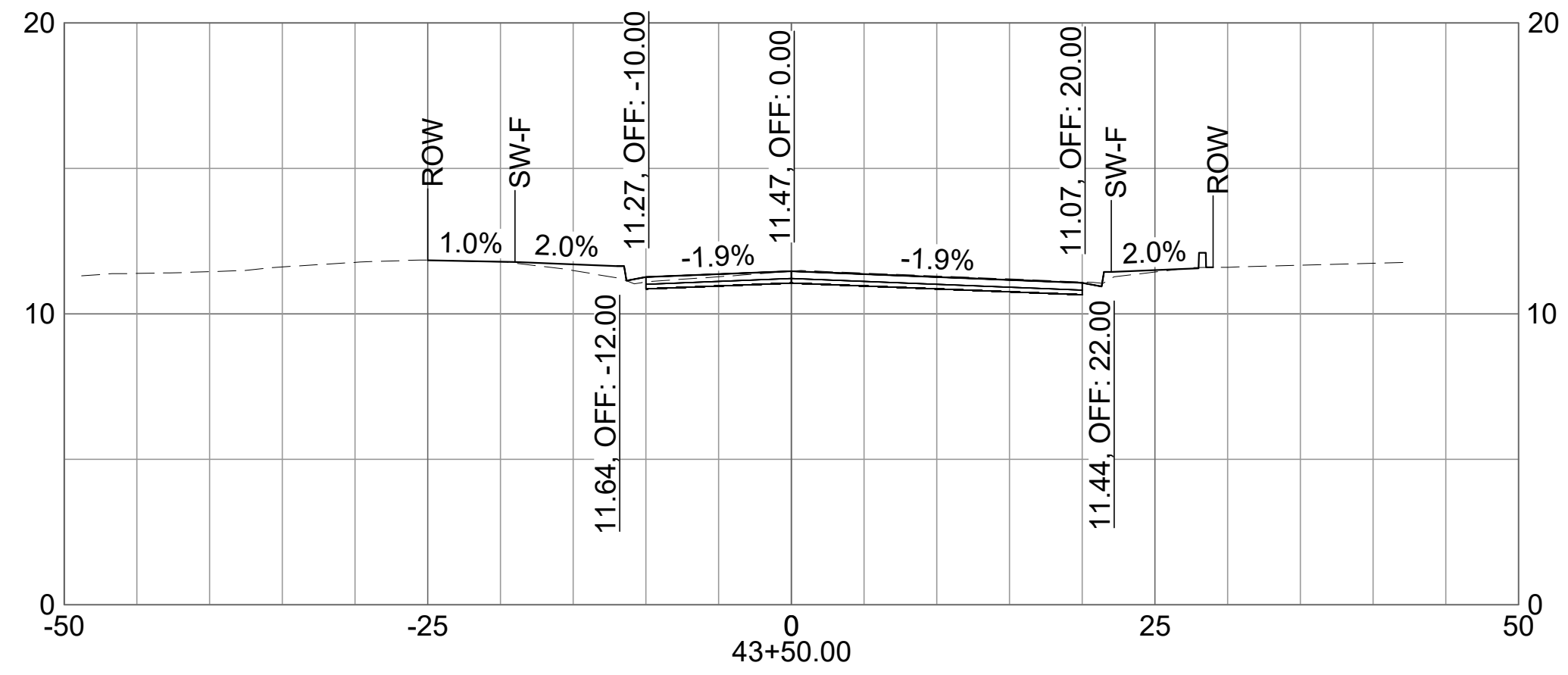
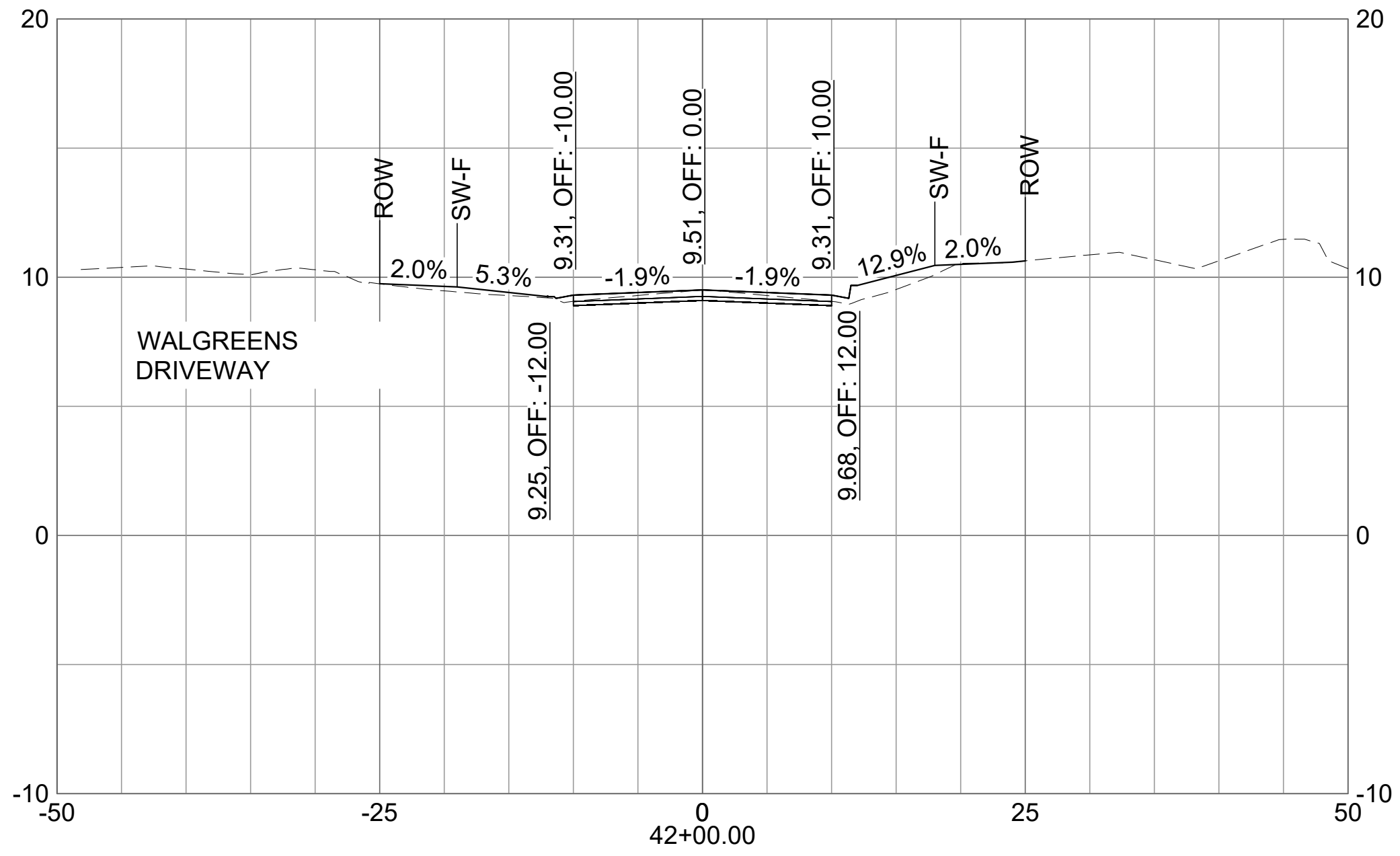
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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

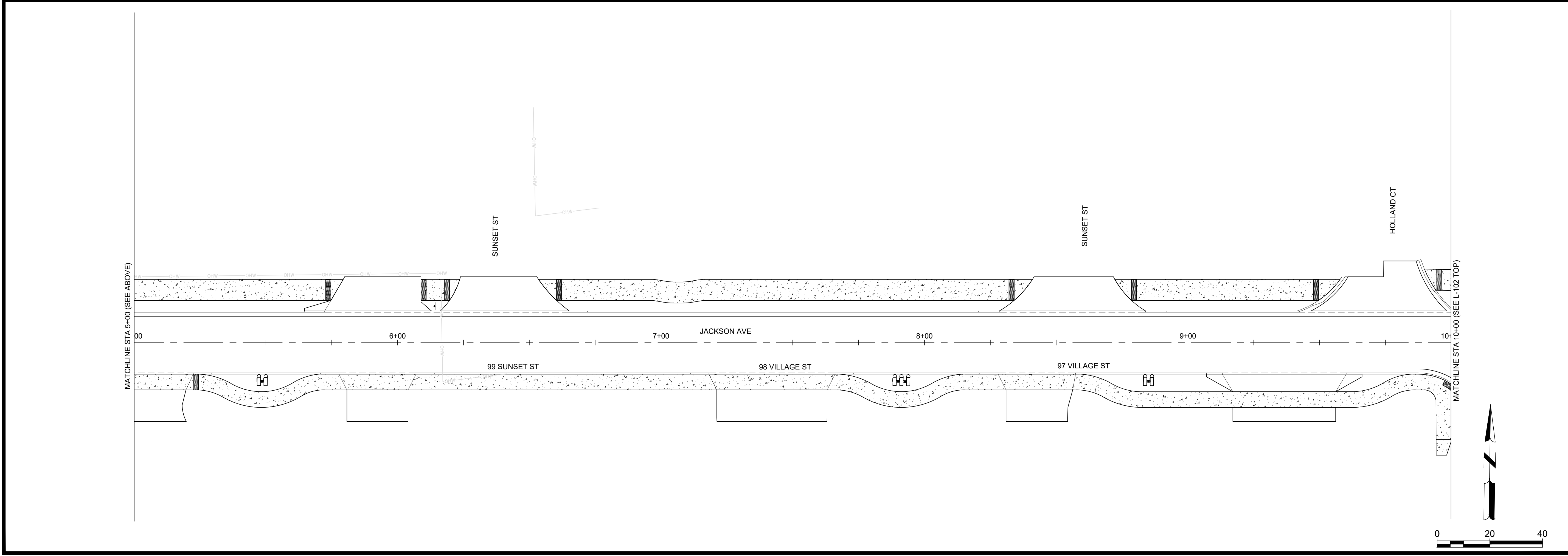
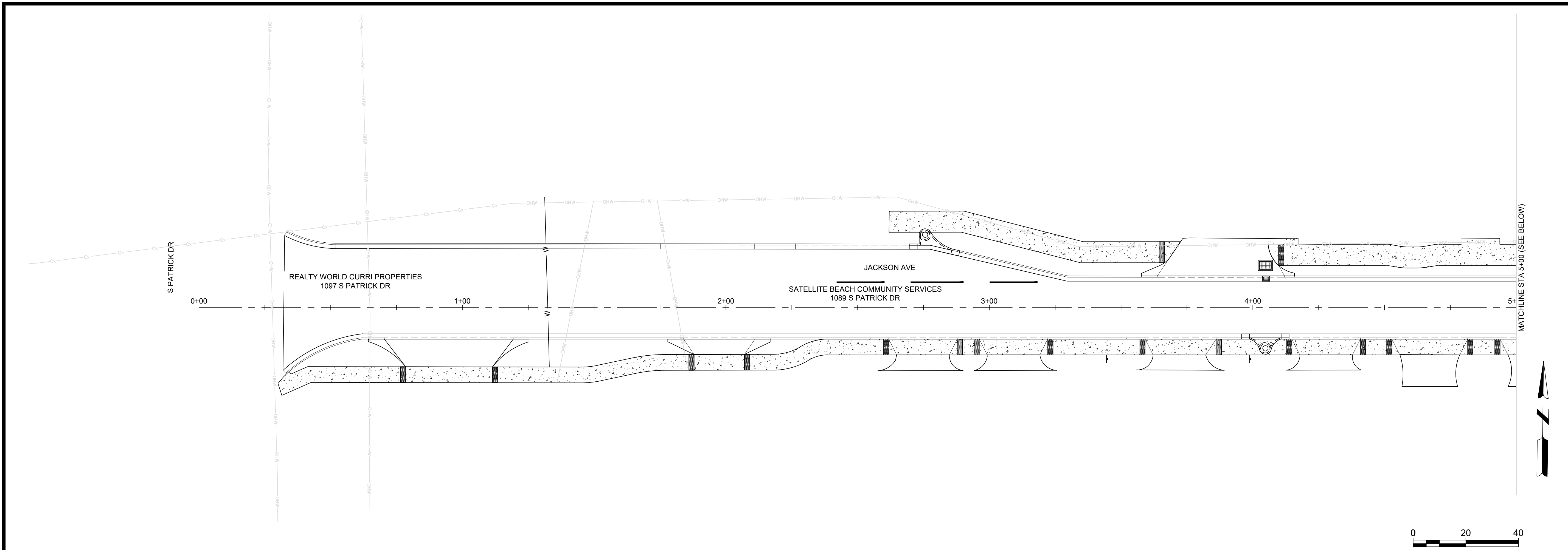
M&H NO.: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: JS  
DRAWN BY: JBS  
CHECKED BY: JS  
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SHEET CONTENTS  
LANDSCAPED  
BIOSWALES

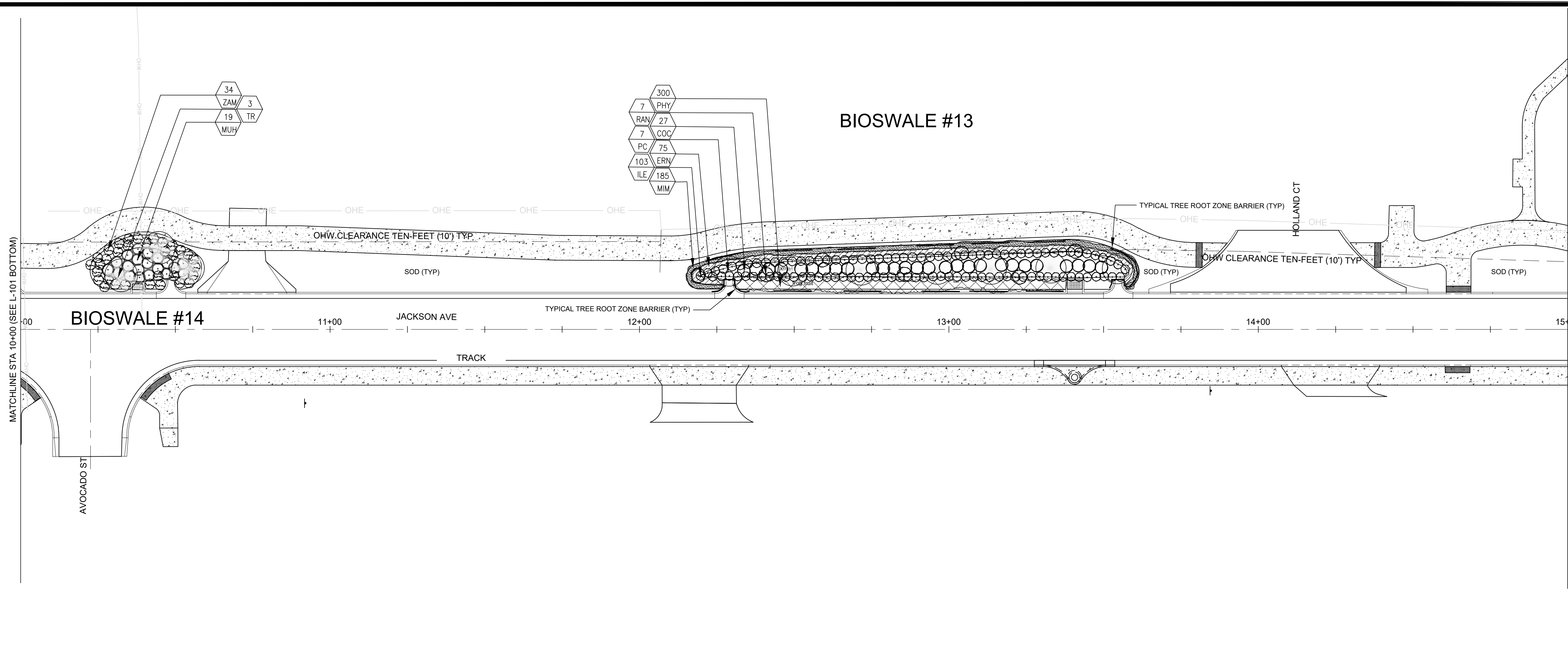
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**L-101**

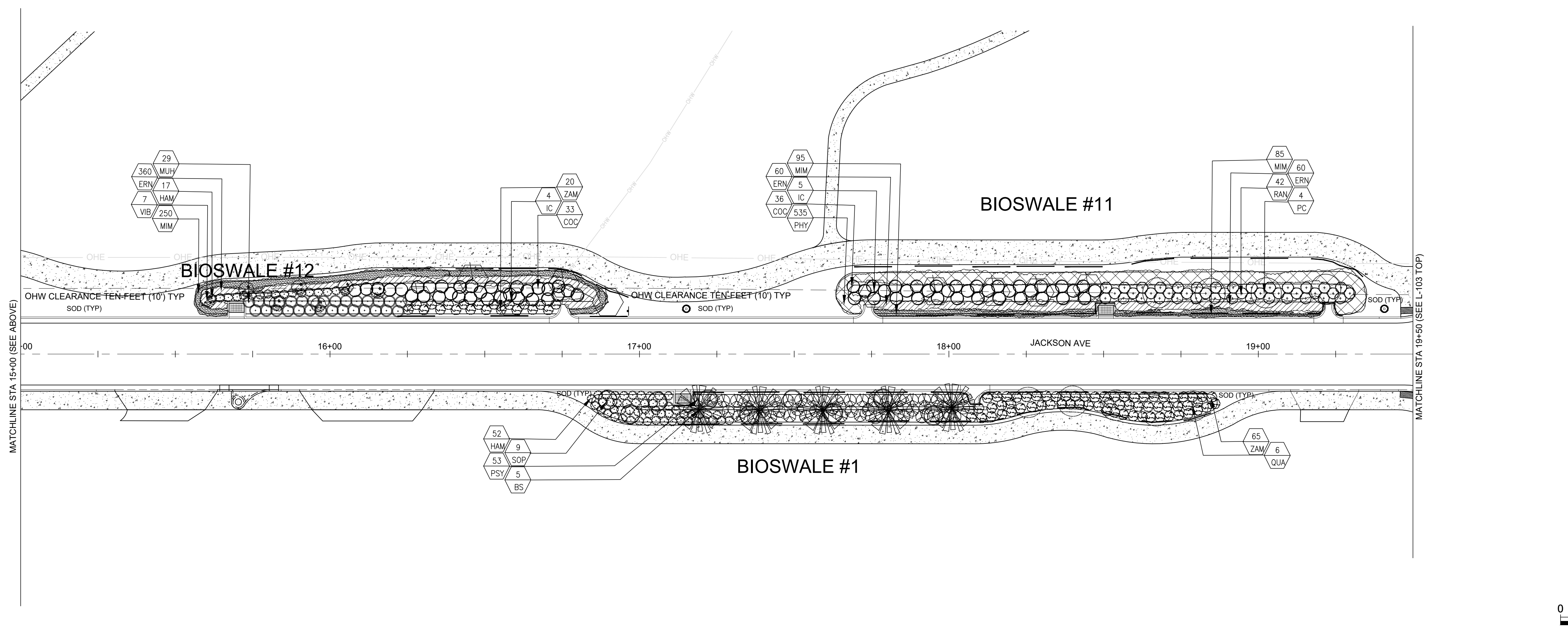
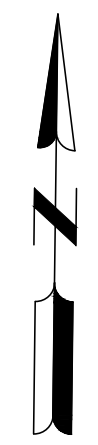
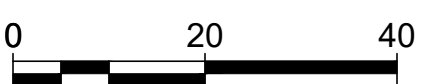
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C:\DWG\MEAD & HUNT\QUENTIN HAMPTON\JACKSON AVENUE STREETSCAPE\_SATELLITE BEACH\REV BIO SWALE IND L-101-L201.DWG  
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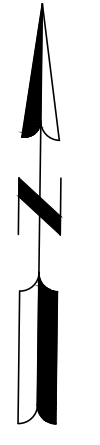
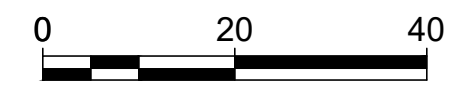


MATCHLINE STA 10+00 (SEE L-101 BOTTOM)



MATCHLINE STA 15+00 (SEE ABOVE)

MATCHLINE STA 19+50 (SEE L-103 TOP)



# Mead & Hunt

Mead and Hunt, Inc.  
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**CITY OF SATELLITE BEACH**  
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SHEET CONTENTS  
 LANDSCAPED  
 BIOSWALES  
 #1, #11-#14

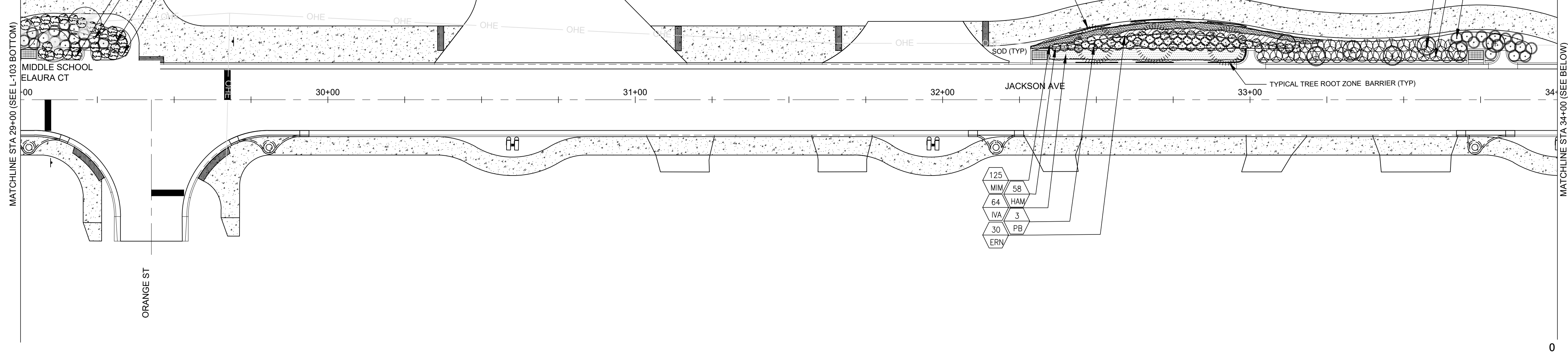
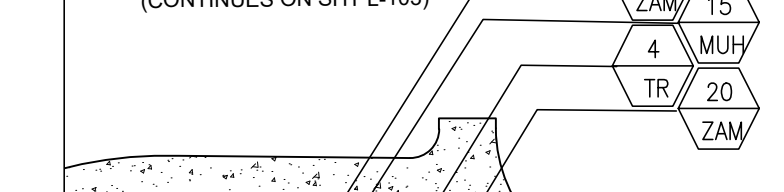
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## L-102

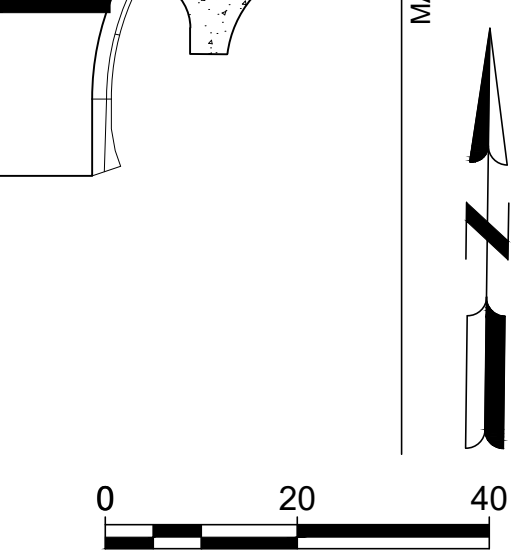
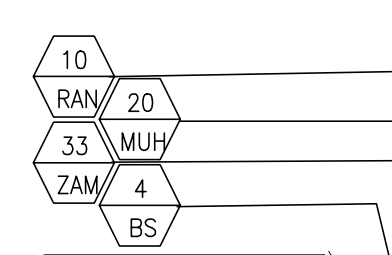
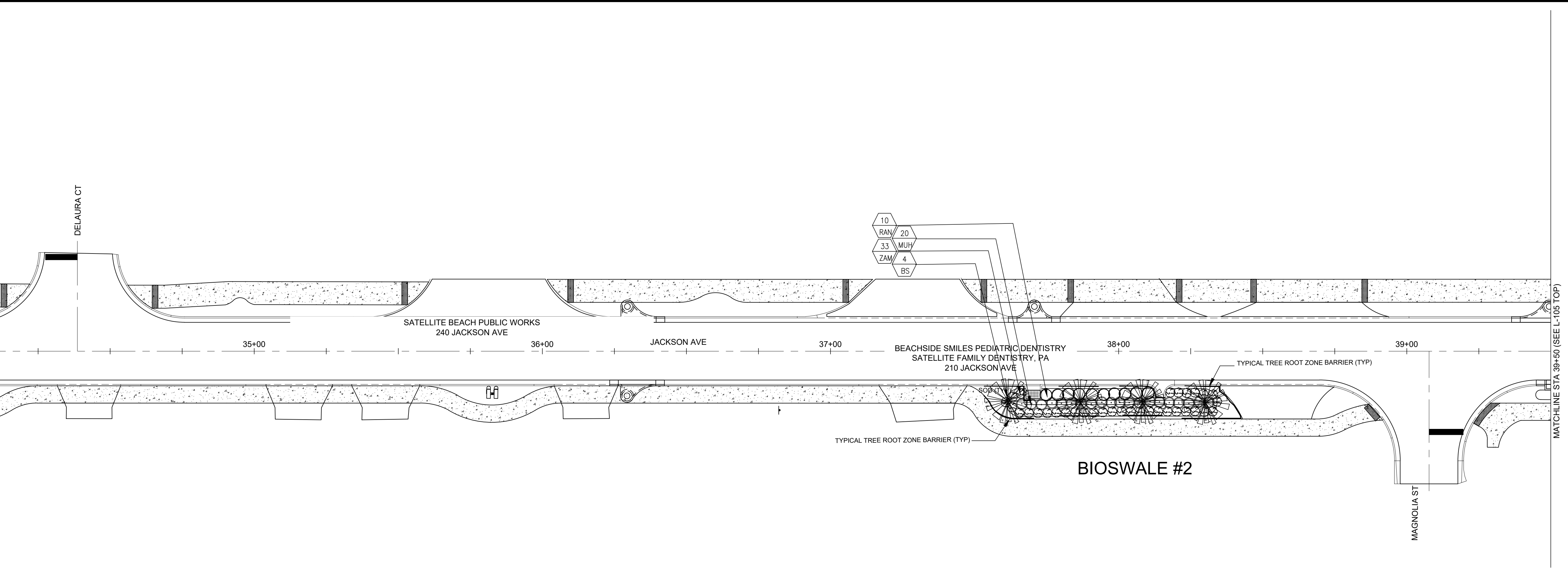
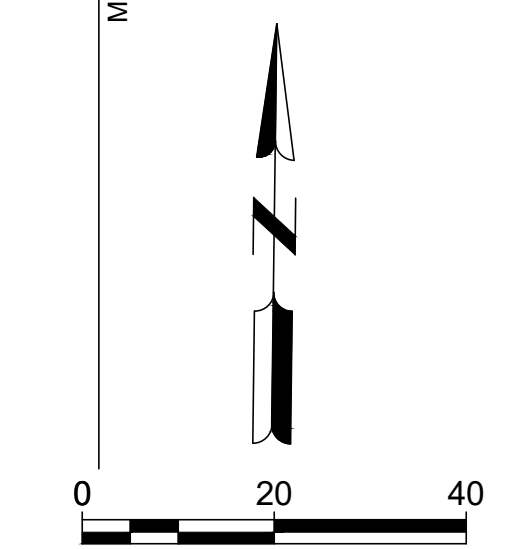
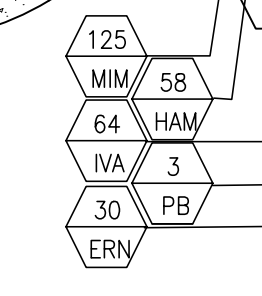
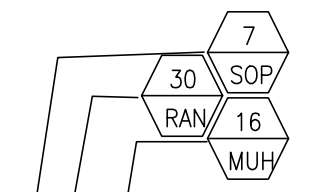


### BIOSWALE #4

(CONTINUES ON SHT L-103)



### BIOSWALE #3



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**CITY OF SATELLITE BEACH**  
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**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

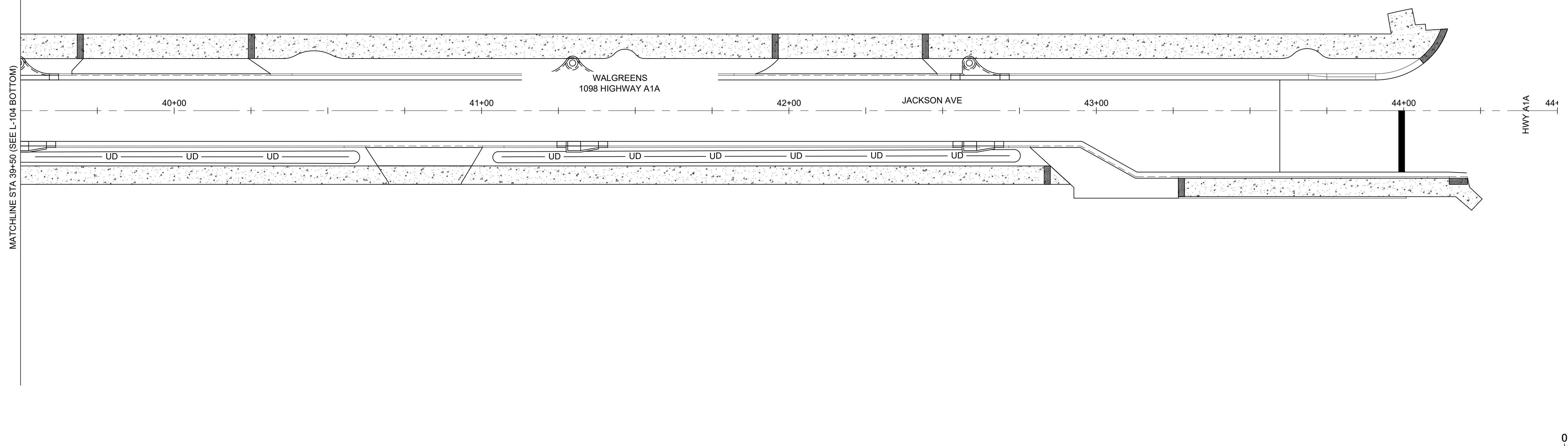
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SHEET CONTENTS  
 LANDSCAPED BIOSWALES  
 #2 - #4

SHEET NO.

**L-104**



MATCHLINE STA 39+50 (SEE L-104 BOTTOM)

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**CITY OF SATELLITE BEACH**  
**JACKSON AVE.**  
**FROM SR 513 TO A1A**  
 SATELLITE BEACH, FL

PLANTING SCHEDULE

TREES AND PALMS

KEY	QTY	BOTANICAL/COMMON NAMES	HT	SPR	REMARKS
BS	16	Bursera simarubra Gumbo Limbo	3'		3 Gal Cont
IC	18	Ilex cassine Dahoon Holly	3'		3 Gal Cont
PB	7	Persea borbonia var borbonia Red Bay	3'		3 Gal Cont
PC	11	Prunus caroliniana Cherry Laurel	3'		3 Gal Cont
QV	4	Quercus virginiana Live oak	3'		3 Gal Cont
TR	7	Thrinax radiata Florida Thatch Palm	4'	3'	7 Gal Cont

SHRUBS AND GROUND COVERS

KEY	QTY	BOTANICAL/COMMON NAMES	HT	SPR	REMARKS
COC	129	Chrysobalanus icaco Coco Plum	6"	4"	1 Gal Cont 48" O.C.
ERN	865	Ernodea littoralis Golden Creeper	4"	4"	4" Cont 24" O.C.
HAM	155	Hamelia patens Firebush	6"	4"	1 Gal Cont 36" O.C.
ILE	200	Ilex vomitoria Dahoon Holly	6"		1 Gal Cont 42" O.C.
IVA	264	Iva imbricata Beach Elder	4"	4"	4" Cont 24" O.C.
MIM	1,352	Mimosa strigillosa Frogfruit	4"	4"	4" Cont 18" O.C.
MUH	265	Muhlenbergia capillaris Muhly Grass	6"	4"	1 Gal Cont 48" O.C.
PHY	1,334	Phyla nodiflora Frogfruit	4"	4"	4" Cont 24" O.C.
PSY	116	Psychotria nervosa Wild Coffee	6"		1 Gal Cont 48" O.C.
QUA	6	Quadrrella jamaicensis Jamaica Caper Tree	4'		7 Gal Cont
RAN	193	Randia aculeata White Indigo Berry	8"		1 Gal Cont 48" O.C.
SOP	25	Sophora tomentosa var. truncata White Indigo Berry	8"		1 Gal Cont 48" O.C.
VIB	7	Viburnum obovatum Walter's Viburnum	12"		1 Gal Cont
ZAM	372	Zamia integrifolia Coontie	6"	6"	1 Gal Cont 42" O.C.

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ISSUED 03/20/26 IFC SET

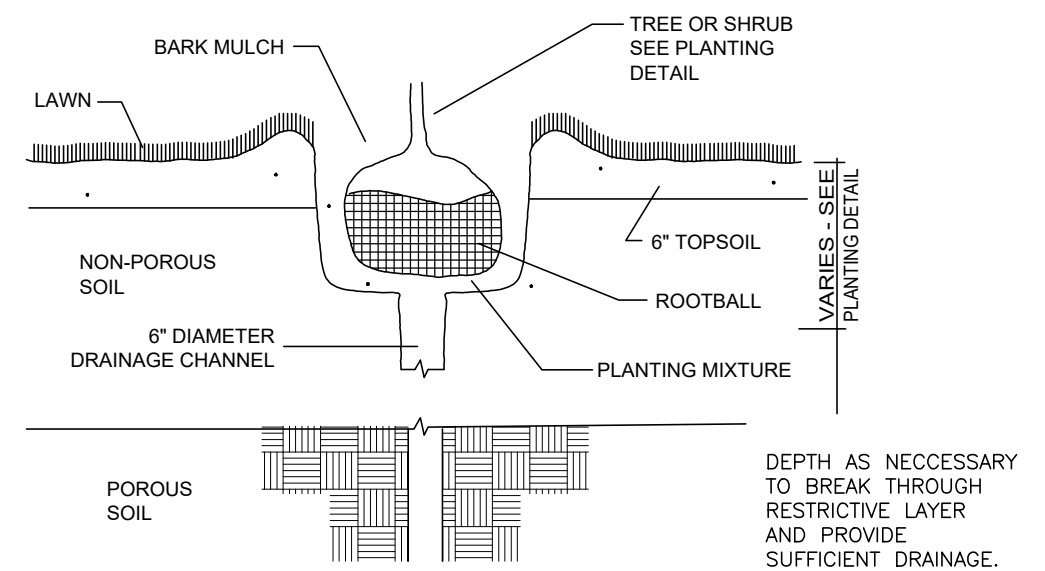
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SHEET CONTENTS  
 LANDSCAPED  
 BIOSWALES  
 PLANTING SCHEDULE

SHEET NO.

**L-105**

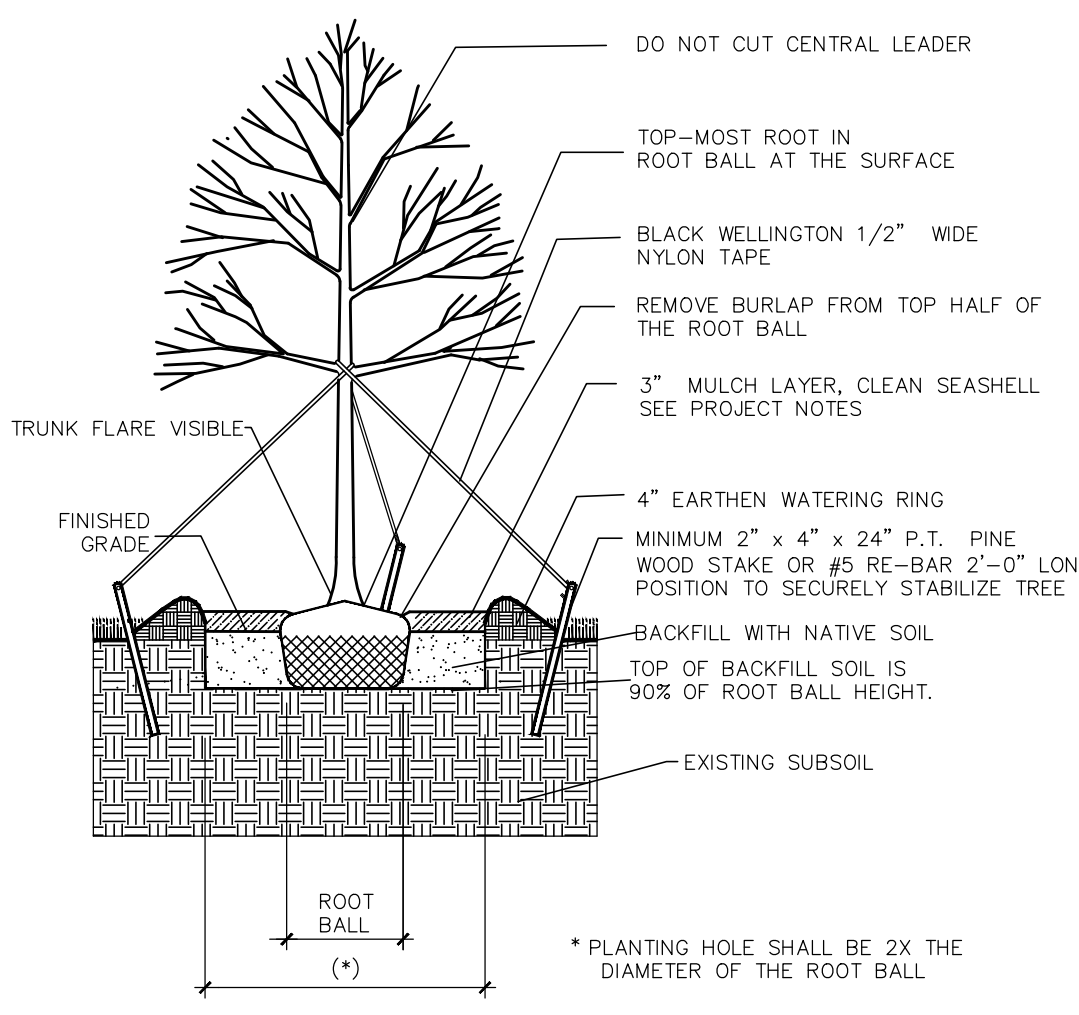
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**DRAINAGE TESTING/DRAINAGE CHANNEL REQUIREMENTS**  
PRIOR TO PLANTING PITS SELECTED FOR TESTING SHALL BE TESTED IN THE FOLLOWING MANNER:

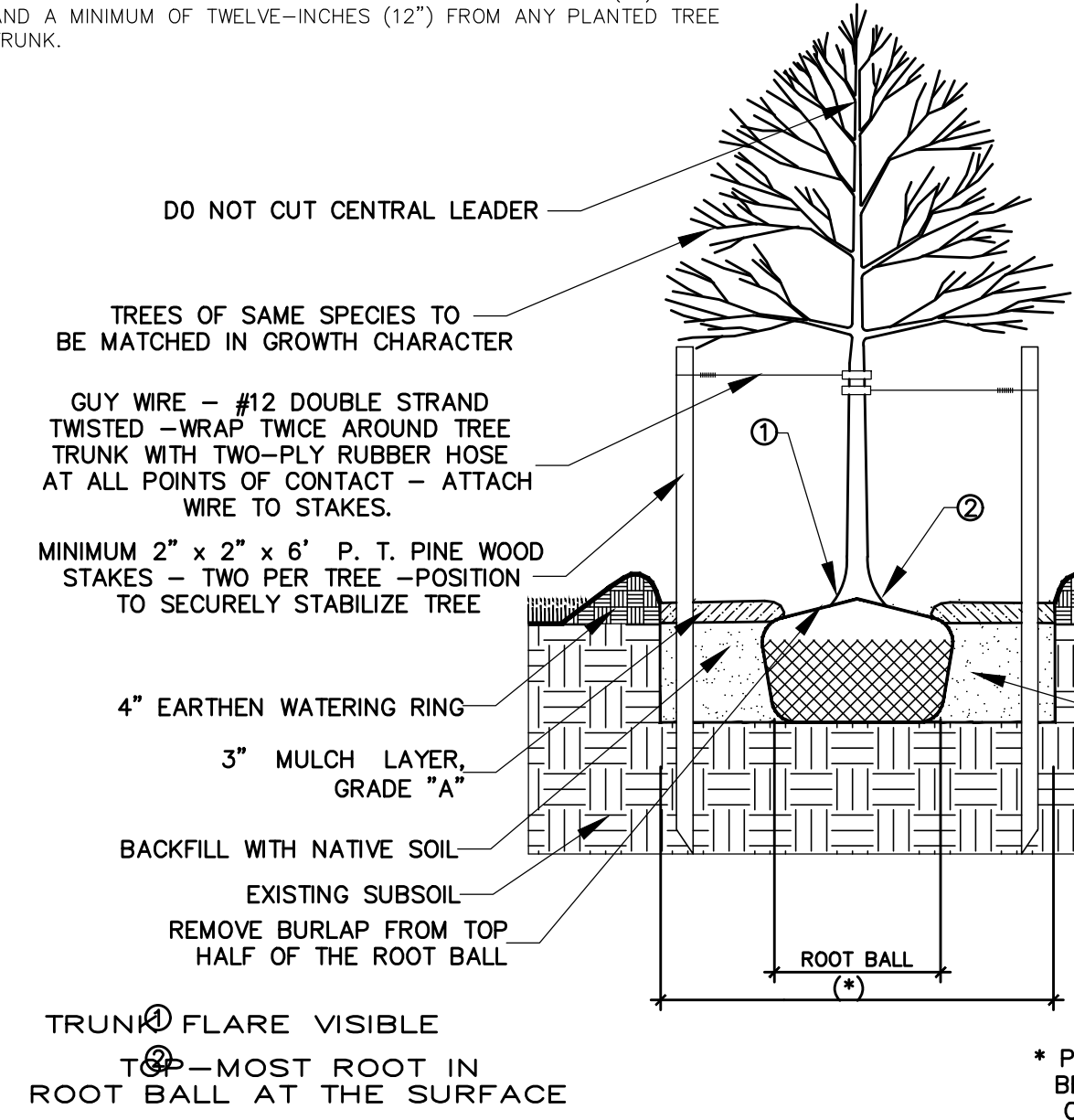
- DIG EACH PLANTING PIT TO THE MINIMUM SPECIFIED SIZE.
- FILL PLANTING PIT TWELVE INCHES (12") OF WATER. IF THE WATER LEVEL DROPS FOUR INCHES (4") OR MORE WITHIN FOUR (4) HOURS, THE DRAINAGE IS SUFFICIENT AND DRAINAGE CHANNEL IS NOT REQUIRED. IF HOWEVER, THE WATER LEVEL DROPS LESS THAN FOUR INCHES (4") WITHIN THE FOUR (4) HOUR PERIOD, A DRAINAGE CHANNEL IS REQUIRED.
- WHERE REQUIRED, THE DRAINAGE CHANNEL MUST EXTEND DOWN THROUGH THE NON-POROUS SOIL AND INTO POROUS SOIL. (SEE DETAIL)
- ALL MATERIAL REMOVED FROM THE DRAINAGE CHANNEL SHALL BE DISCARDED.
- WHEN BACKFILLING PLANTING PITS WITH PLANTING MIXTURE, CARE MUST BE TAKEN TO KEEP THE CONSISTENCY OF THE SOIL MIX THE SAME THROUGHOUT THE PLANTING PIT AND DRAINAGE CHANNEL.

**DRAINAGE CHANNEL DETAIL**  
NOT TO SCALE



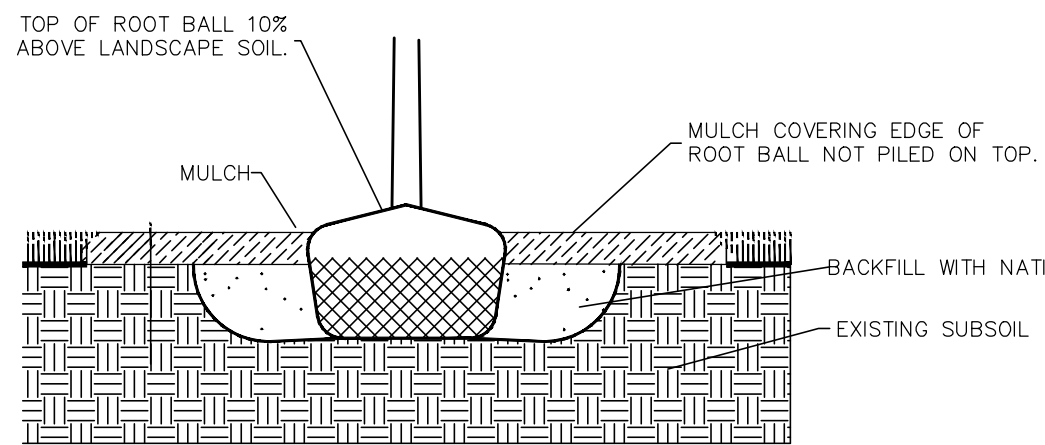
STANDARD CONSTRUCTION DETAIL  
LARGE TREE PLANTING DETAILS  
NTS

PROJECT MULCH SHALL BE 3/4"-1.25" CLEAN AND WASHED SEASHELLS. THEY SHALL BE INSTALLED A MINIMUM OF THREE-INCHES (3") THICK AND A MINIMUM OF TWELVE-INCHES (12") FROM ANY PLANTED TREE TRUNK.



STANDARD CONSTRUCTION DETAIL  
SMALL TREE PLANTING DETAIL  
NTS

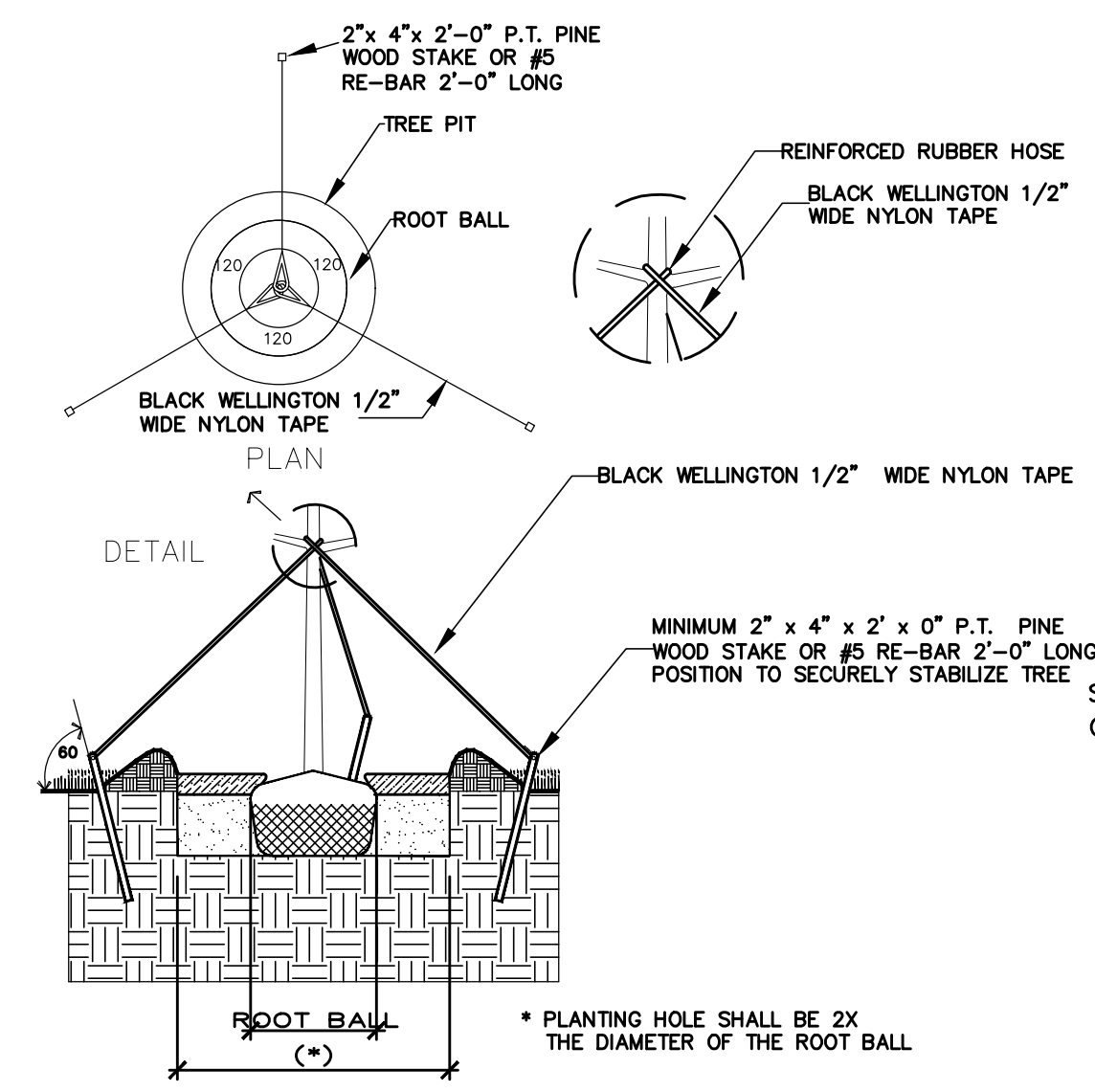
PROJECT MULCH SHALL BE 3/4"-1.25" CLEAN AND WASHED SEASHELLS. THEY SHALL BE INSTALLED A MINIMUM OF THREE-INCHES (3") THICK AND A MINIMUM OF TWELVE-INCHES (12") FROM ANY PLANTED TREE TRUNK.



STANDARD CONSTRUCTION DETAIL  
PLANT LIKE THIS DETAIL  
NTS

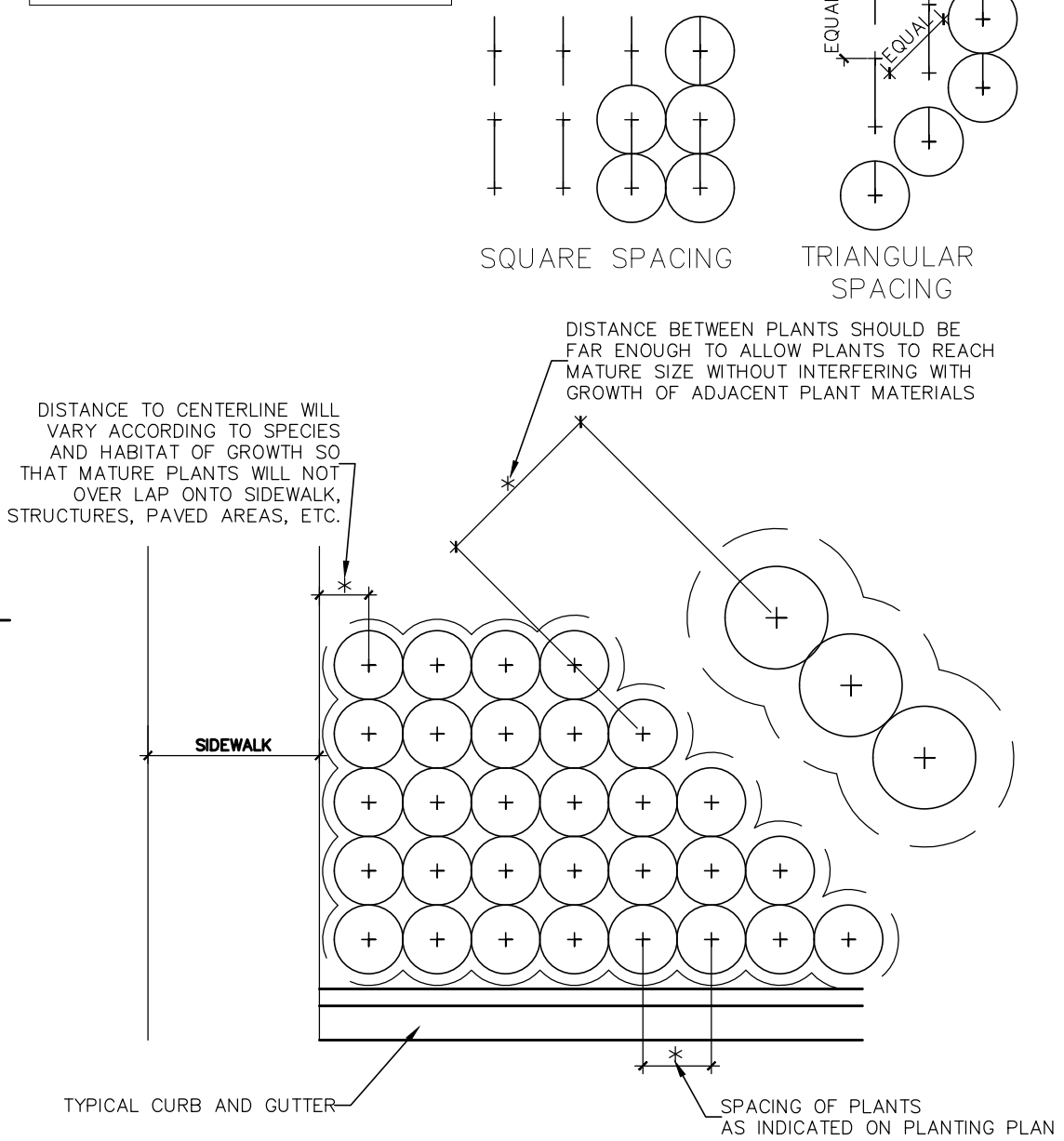
NEVER PLACE ANY SOIL OVER THE ROOT BALL. THE ROOT BALL SHOULD BE POSITIONED IN THE HOLE SHALLOW ENOUGH SO THE FINISHED GRADE OF THE BACKFILL SOIL DOES NOT REACH THE TOP. IN OTHER WORDS, LEAVE THE TOP FEW INCHES OF THE ROOT BALL SIDES EXPOSED TO THE AIR. MULCH WILL COVER THE REMAINING COUPLE INCHES. THE TOP OF THE ROOT BALL SHOULD BE SEVERAL INCHES HIGHER THAN THE SURROUNDING LANDSCAPE SOIL. BE SURE THAT WHEN YOU ARE FINISHED PLANTING, THERE IS NO SOIL OVER THE ROOT BALL. SOIL (AS WELL AS THICK MULCH LAYERS MORE THAN 3 INCHES DEEP) OVER THE ROOT BALL CAN PREVENT WATER AND AIR FROM ENTERING THE ROOT BALL. YOU SHOULD BE ABLE TO SEE THE TOP-MOST ROOT ORIGINATING FROM THE TRUNK AT THE SOIL SURFACE OR WITHIN THE TOP INCH OF SOIL IN THE ROOT BALL. THE TRUNK FLARE SHOULD BE VISIBLE.

MULCH SHOULD COVER ONLY THE EDGE OF THE ROOT BALL, SINCE THICK LAYERS OVER THE ROOT BALL CAN KEEP THE TRUNK TOO MOIST OR TOO DRY AND CAN CAUSE OTHER PROBLEMS. NO AMENDMENTS OF ANY KIND ARE NECESSARY IN THE BACKFILL SOIL BECAUSE EXTENSIVE RESEARCH CLEARLY SHOWS THAT THEY TYPICALLY DO NOT INCREASE THE SURVIVAL NOR THE GROWTH AFTER PLANTING. PLACE THE ROOT BERM AT THE EDGE OF THE ROOT BALL IF THE ROOT BALL IS FINER TEXTURE THAN THE BACKFILL SOIL. THIS WILL HELP INSURE THAT WATER PERCOLATES INTO THE ROOT BALL.



STANDARD CONSTRUCTION DETAIL  
TYPICAL TREE GUYING DETAIL  
NTS

NOTE: IN MOST CASES, TRIANGULAR SPACING IS PREFERRED. USE SQUARE SPACING ONLY IN SMALL RECTILINEAR AREAS.



STANDARD CONSTRUCTION DETAIL  
TYPICAL CURB AND GUTTER  
NTS

PROJECT MULCH SHALL BE 3/4"-1.25" CLEAN AND WASHED SEASHELLS. THEY SHALL BE INSTALLED A MINIMUM OF THREE-INCHES (3") THICK AND A MINIMUM OF TWELVE-INCHES (12") FROM ANY PLANTED TREE TRUNK.

3" MULCH LAYER GRADE "A" SHALL COVER ONLY THE EDGE OF THE ROOT BALL.

LIMIT OF SOD LINE - ALL SOD IS TO BE LAID AS PER DRAWINGS (SEE LANDSCAPE PLAN)

ROOT BALL SHALL BE 1" - 2" HIGHER THAN FINISHED GRADE WHEN PLANTED.

MINIMUM 2" x 4" x 2" x 0" P.T. PINE WOOD STAKE OR #5 RE-BAR 2'-0" LONG. POSITION TO SECURELY STABILIZE TREE

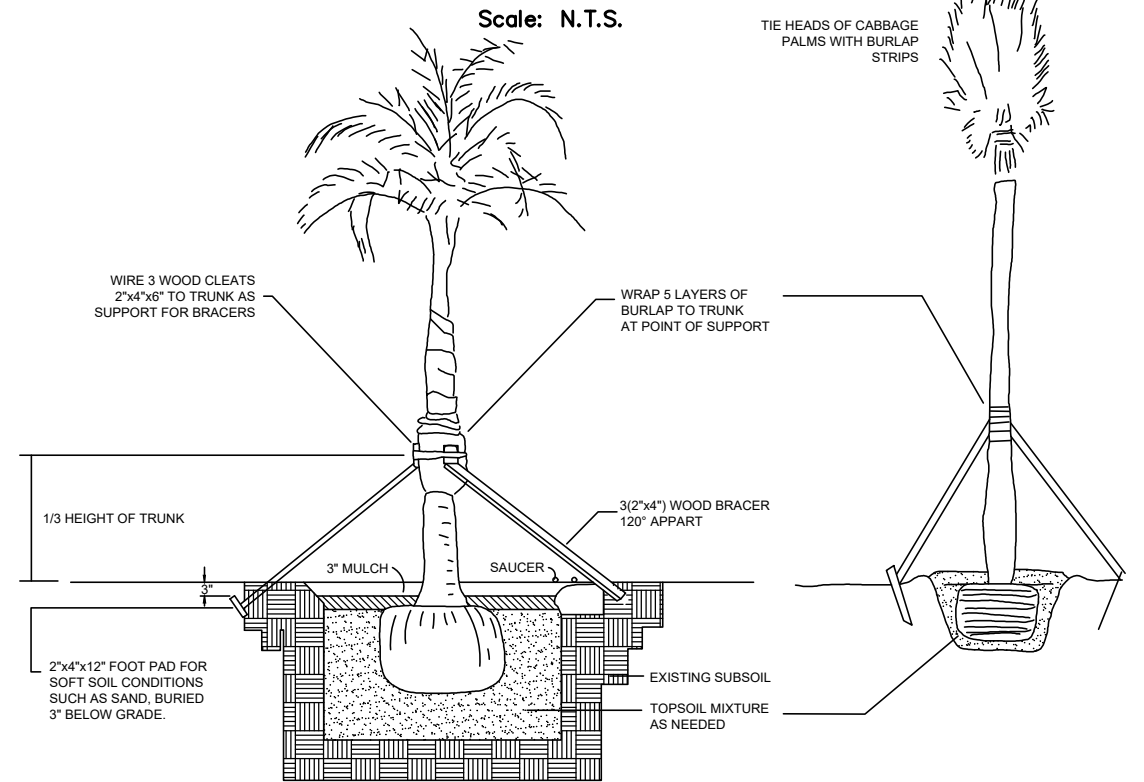
SIDEWALK OR OTHER PAVING

TOP OF SOD TO BE FLUSH WITH PAVEMENT

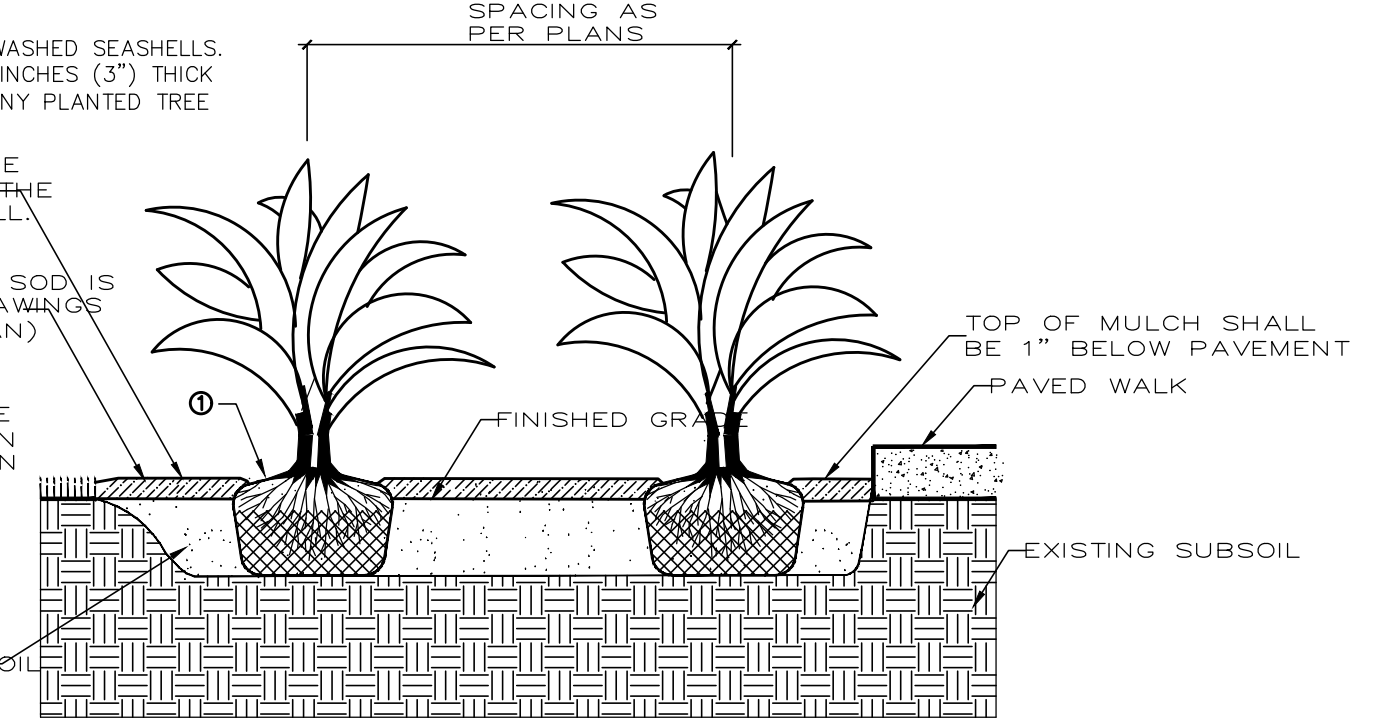
FINISH GRADE

SOD PLACEMENT ADJ. TO PAVEMENT  
Scale: N.T.S.

**PALM PLANTING DETAIL**



PROJECT MULCH SHALL BE 3/4"-1.25" CLEAN AND WASHED SEASHELLS. THEY SHALL BE INSTALLED A MINIMUM OF THREE-INCHES (3") THICK AND A MINIMUM OF TWELVE-INCHES (12") FROM ANY PLANTED TREE TRUNK.

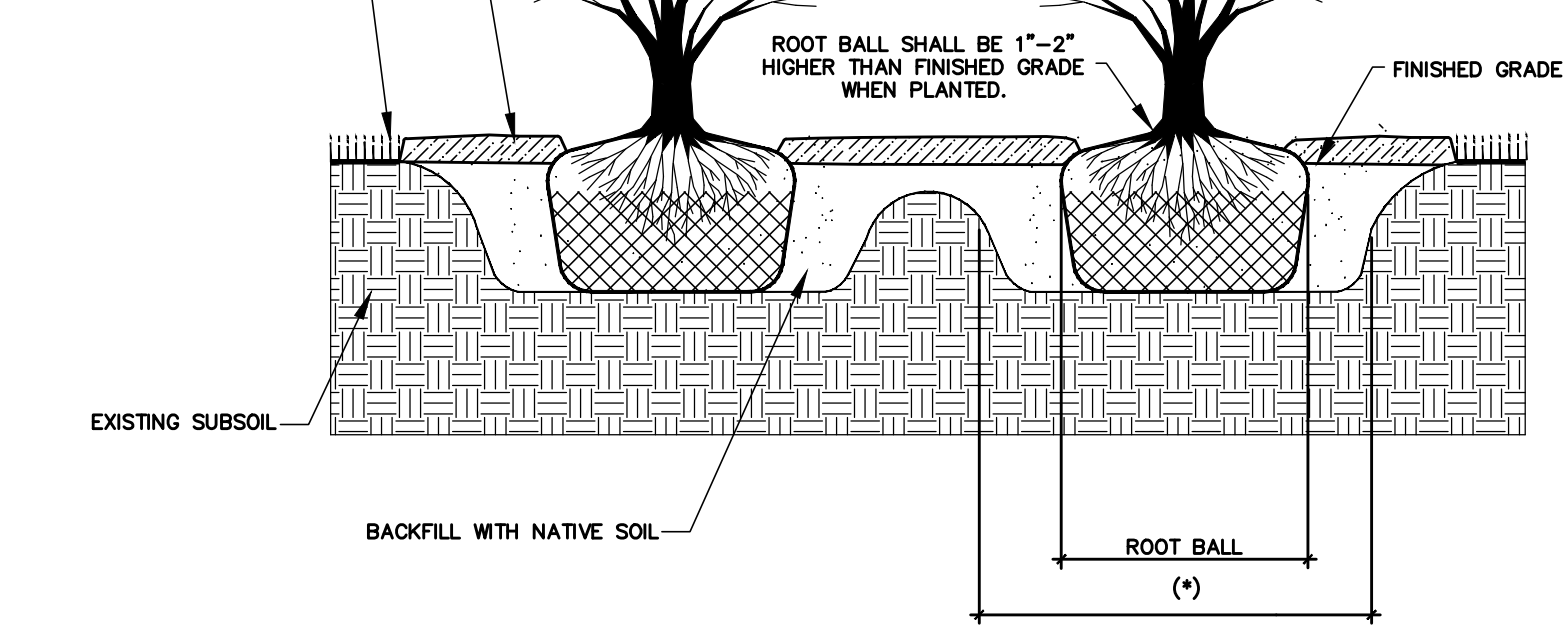


STANDARD CONSTRUCTION DETAIL  
TYPICAL GROUND COVER DETAIL  
NTS

PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION - AFTER PLANT HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY

3" MULCH LAYER SHALL COVER ONLY THE EDGE OF THE ROOTBALL

LIMIT OF SOD LINE - ALL SOD TO BE LAID AS PER DRAWINGS (SEE LANDSCAPE PLAN)



STANDARD CONSTRUCTION DETAIL  
TYPICAL SHRUB PLANTING DETAIL  
NTS

**GENERAL NOTES**

ALL PLANT MATERIAL THAT IS INSTALLED MUST BE FLORIDA NO.1 GRADE OR BETTER ACCORDING TO THE CURRENT GRADES AND STANDARDS FOR NURSERY PLANTS, STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

ANY VARIATIONS FROM THE APPROVED LANDSCAPE PLAN MUST BE INITIALLY REVIEWED BY THIS LANDSCAPE ARCHITECT PRIOR TO ANY PROPOSED REVISIONS TO THE LANDSCAPE PLANTING PLAN. FAILURE TO COMPLY WITH THIS PROCEDURE MAY RESULT IN REQUIRED MITIGATION AND/OR DELAY OF THIS PROJECT.

ALL FILL DIRT TO BE PLACED IN THE PROPOSED LANDSCAPE AREAS AND/OR BERMS, MUST HAVE A PH RANGE BETWEEN 5.5 AND 7.5, BE ORGANIC IN NATURE, FREE OF ROCKS AND DEBRIS, AND MATCH NATIVE EXISTING SOILS.

CURVILINEAR LANDSCAPE BEDS ARE TO BE EDGED WITH SMOOTH FLOWING CURVES. STRAIGHT-LINE LANDSCAPE BEDS ARE TO BE EDGED IN A STRAIGHT LINE AND MUST BE PARALLEL TO PARKING LOTS, WALKWAYS, AND/OR STRUCTURES UNLESS INTENTIONALLY DESIGNED TO MEANDER.

BAHIA 'ARGENTINE' SOLID SOD IS TO BE USED IN ALL NON-IRRIGATED OPEN SODDED AREAS AS SHOWN ON THIS PLAN AND THE LANDSCAPE IRRIGATION PLAN. ALL OPEN SPACE AREAS, INCLUDING BUT NOT LIMITED TO ALL DISTURBED AREAS, RETENTION AREAS, AREAS SUBJECT TO POSSIBLE EROSION, RIGHT-OF-WAYS (R.O.W.), ETC. SHALL ALSO BE SODDED WITH BAHIA 'ARGENTINE' SOLID SOD OR SOLID BERMUDA SOD. ALSO, REFERENCE AND SEE CIVIL ENGINEERING DWGS FOR SODDING LIMITATIONS OF SOD AT WET AND/OR DRY RETENTION AREAS, AND THE EDGE OF PAVEMENTS AND R.O.W.

REMOVE ALL NON-BIODEGRADABLE NYLON TREE BALL STRIPPING AND REPAIR THE BURLAP FROM THE TOPS OF ALL ROOTBALLS THAT ARE B&B (BURLAPPED AND BALLED) IF CONTAINER TREES ARE NOT INSTALLED. ALSO, REMOVE THE TREE BALL HOUSING BASKET ROCKS. SEE TREE PLANTING DETAIL.

A MINIMUM FIVE-FOOT (5') GRASS RING SHALL BE INSTALLED AROUND EACH CATCH BASIN LOCATED WITHIN ANY LANDSCAPE AREA. THE CONTRACTOR IS TO BE SURE THAT NO MULCH CAN FLOW INTO THESE BASINS.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ANY PROPOSED TREES AND SHRUBS TO BE PRESERVED. SEE TREE PROTECTION DETAIL. NO VEHICLES OR MATERIALS SHALL BE PLACED UNDER OR AROUND THESE TREES TO REMAIN.

ALL EXISTING SHRUBS, GROUND COVERS AND TREES NOT SHOWN TO REMAIN ARE TO BE REMOVED ALONG WITH THEIR ROOT SYSTEM. ALL UNDERBRUSH, STUMPS, AND DEAD BRANCHES ARE TO BE REMOVED ON ALL EXISTING REMAINING TREES AND PALMS. ALL WORK AROUND SPECIMEN TREES WILL BE LIMITED TO HAND LABOR AND TOOLS.

ALL EXISTING HARDSCAPE SURFACES WHICH ARE SHOWN TO BE REMOVED, SHALL HAVE THEIR LIMEROCK AND/OR COMPACTED BASES REMOVED DOWN TO THE NATIVE SOIL BASE.

THE LOCATION OF ALL REQUIRED TREES MUST NOT CONFLICT WITH THE LIGHTING FIXTURES, SIGNS, UNDERGROUND AND OVERHEAD UTILITIES, FIRE HYDRANTS, ETC.

ALL TREES NOT LOCATED WITHIN A MULCHED PLANTING BED SHALL HAVE A MINIMUM FIVE-FOOT (5') MULCH RING INSTALLED AROUND THE TRUNK AREA. TREES SHALL BE PLANTED A MINIMUM OF THREE-FOOT (3') FROM BACK OF CURB OR SIDEWALK (TYP).

SEE ENGINEER'S PLAN FOR ALL EXISTING AND PROPOSED EASEMENTS, COVENANTS, R.O.W., BUFFER DIMENSIONS, AND ALL SITE LAYOUT DIMENSIONING.

PROJECT MULCH SHALL BE 3/4"-1.25" CLEAN AND WASHED SEASHELLS. THEY SHALL BE INSTALLED A MINIMUM OF THREE-INCHES (3") THICK AND A MINIMUM OF TWELVE-INCHES (12") FROM ANY PLANTED TREE TRUNK.

A TWENTY-FOUR-INCH (24") WIDE TYPICAL TREE ROOT ZONE BARRIER SHALL BE INSTALLED ALONG THE ENTIRE STREET AND SIDEWALK AREAS. THE BARRIER SHALL BE ON BOTH THE SIDEWALK AND THE STREET SIDE (DRIVEWAYS INCLUDED). THE BARRIER SHALL COME TO WITHIN ONE-FOOT (1') OF THE END OF THE LANDSCAPE PLANT MATERIAL WHERE IT MEETS THE HARDSCAPE MATERIAL AS PER MANUFACTURER'S INSTRUCTIONS.

**PLANTING NOTES**

- ALL MATERIALS ARE TO BE FLORIDA #1 OR BETTER, INSTALLED ACCORDING TO THE HIGHEST NURSERY STANDARDS.
- MULCH IS TO BE CLEAN WASHED SEASHELLS, INSTALLED A MINIMUM OF 3" THICK IN ALL PLANTING AREAS. MULCHED PLANTING BEDS SHALL BE A MINIMUM OF 10" WIDE AND SHALL BE CONTINUOUS WHERE PLANTINGS ARE PROPOSED. (SEE GENERAL NOTES ABOVE).
- ALL AREAS MARKED SOD ON THE PLANS, SHALL BE SODDED WITH 95% WEED-FREE BAHIA 'ARGENTINE' SOLID SOD. SOD SHALL BE INSTALLED WITH TIGHT JOINTS, BOLLED, AND FERTILIZED. NUTRIENTS SHALL BE ADDED TO THE SOIL AS PER SOIL TESTING RESULTS.
- BAHIA SOLID SOD SHALL BE USED ON ALL AREAS SO MARKED AS IN SWALES, RIGHT-OF-WAYS, DISTURBED AREAS, OR OTHER AREAS SUBJECT TO EROSION.
- GRASS SEEDING AREAS, IF SHOWN, SHALL MEET FLORIDA STATE DEPARTMENT OF TRANSPORTATION STANDARDS.
- LANDSCAPE CONTRACTOR IS TO LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING THE WORK. THE LANDSCAPE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO UTILITY OR IRRIGATION.
- LANDSCAPE CONTRACTOR IS TO VERIFY ALL DRAWINGS AND CHECK FOR DISCREPANCIES AND BRING THEM TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH THE WORK.
- THE PLANT MATERIALS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY, PLANTING PLANS SHALL TAKE PRECEDENCE OVER THE PLANT LIST.
- NO SUBSTITUTIONS WILL BE MADE AT THE TIME OF BIDDING OR CHANGES OF ANY KIND, SO AS TO PROVIDE FOR FAIR COMPARISONS. NO FURTHER CHANGES ARE TO BE MADE WITHOUT PRIOR CONSENT OF THE LANDSCAPE ARCHITECT.
- OWNER TO BE RESPONSIBLE FOR IRRIGATION OF ALL PLANT MATERIALS
- ALL PERMIT AND VARIANCE APPLICATION ARE TO BE MADE BY THE CONTRACTOR.
- ALL PLANT MATERIAL TO BE GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM THE TIME OF FINAL ACCEPTANCE. ALL REPLACEMENTS TO BE MADE WITHIN TWO (2) WEEKS OF CONTRACTOR NOTIFICATION.
- PRIOR TO CONSTRUCTION OF PLANTING BEDS, ALL AREAS ARE TO HAVE SOIL TESTS CONDUCTED TO DETERMINE PH, AND FERTILITY. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO AMEND THE SOIL TO MEET ADEQUATE FERTILITY, DRAINAGE, AND PH FOR CORRESPONDING PLANT MATERIALS.
- PRIOR TO THE LAND CLEARING STAGE, THE CONTRACTOR SHALL CLEARLY MARK ANY TREE, TREE GROUPS OR SHRUBS TO BE MAINTAINED IN THE PROXIMITY OF ANY AREA WHERE LAND CLEARING EQUIPMENT IS TO BE OPERATED. THE MARKINGS SHALL REMAIN IN PLACE DURING CONSTRUCTION. SAID EQUIPMENT SHALL BE OPERATED IN A MANNER AS TO NOT INJURE OR DESTROY THREE (3) FEET IN HEIGHT SHALL BE FORMED A MINIMUM RADIUS OF SIX (6) FEET FROM THE BASE OF THE TREES OR SHRUBS, AND THE DEVELOPER SHALL NOT CAUSE OR ALLOW THE CLEARING OF EQUIPMENT OR MATERIAL WITHIN THE DRIP LINE OF ANY TREE OR GROUPS OF TREES TO BE MAINTAINED. NEITHER SHALL THE DEVELOPER CAUSE OR ALLOW THE DISPOSAL OF WASTE MATERIAL, SUCH AS PAINT, OIL SOLVENTS, ASPHALT, CONCRETE, MORTAR OR OTHER MATERIALS HARMFUL TO THE LIFE OF A TREE WITHIN THE DRIP LINE OF ANY TREE OR GROUPS OF TREES. NO ATTACHMENT WIRES (OTHER THAN PROTECTION GUY WIRES), SIGNS, OR PERMITS MAY BE FASTENED TO A TREE.
- REMOVE ALL TAGS FROM INSTALLED PLANT MATERIALS.
- PLACE TERRA SORB UNDER THE ROOT BALL OF ALL PLANT MATERIALS.
- ALL TREES ARE TO BE GUYED WITHING "DUCKBILL" ANCHORING SYSTEMS OR AN APPROVED EQUAL.
- ALL TREE CALIPERS ARE TO BE MEASURED ACCORDING TO LOCAL CODES AND ORDINANCES.



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CITY OF SATELLITE BEACH  
JACKSON AVE.  
FROM SR 513 TO A1A  
SATELLITE BEACH, FL

ISSUED 03/20/26 IFC SET

M&H NO.: 1000716-172392.03  
DATE: MARCH 2026  
DESIGNED BY: JS  
DRAWN BY: JBS  
CHECKED BY: JS

DO NOT SCALE DRAWINGS  
SHEET CONTENTS  
LANDSCAPE NOTES AND DETAILS

SHEET NO.

L-201

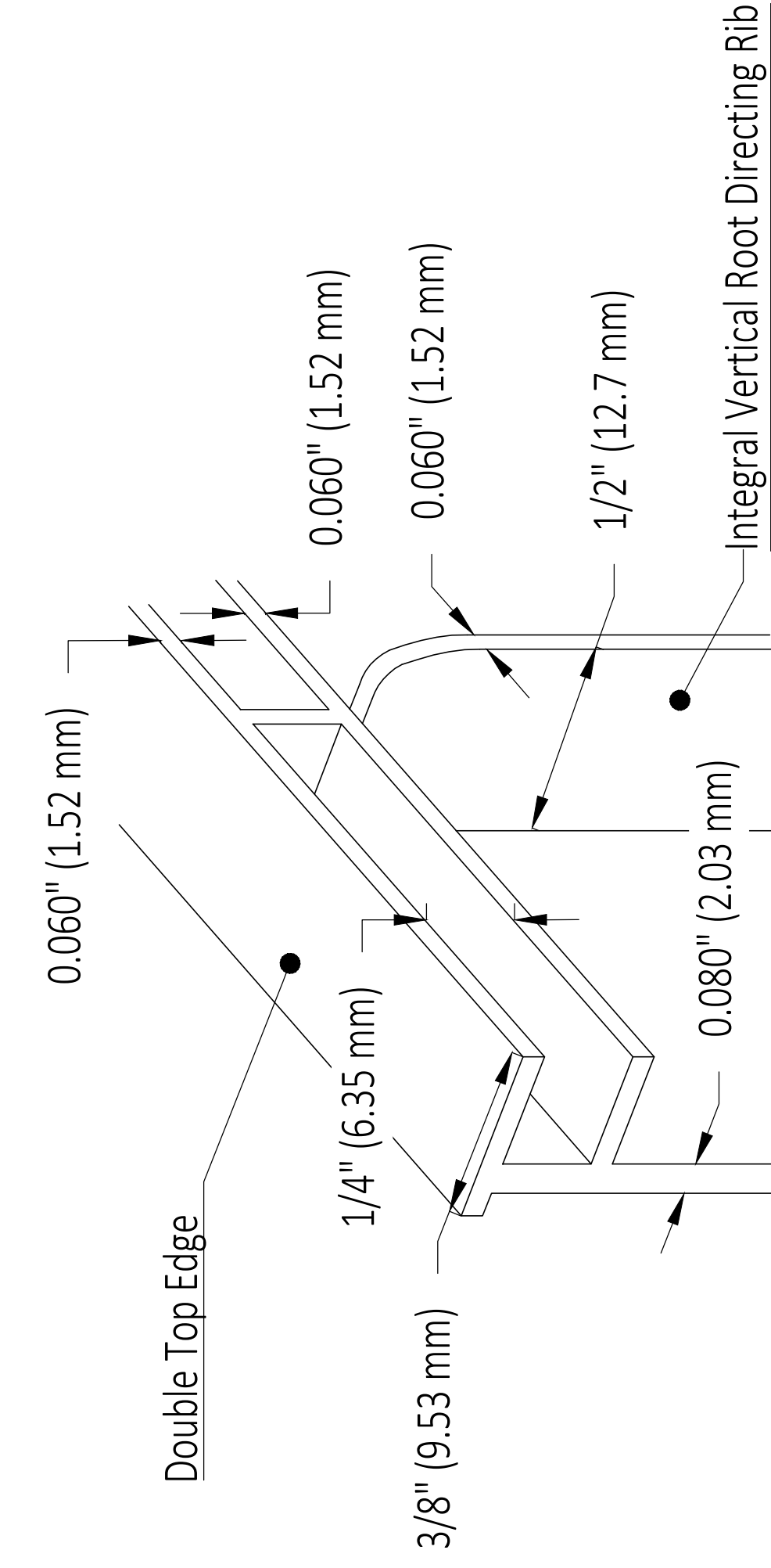
# Typical Specifications 24" Depth

## Tree Root Zone Barrier

The use of a tree root zone barrier is a mechanical barrier and root deflector used to prevent tree roots from damaging the sidewalk and street hardscapes. Assembled in modules to create varying lengths for linear applications, or the perimeter surrounding areas as shown on Plans.

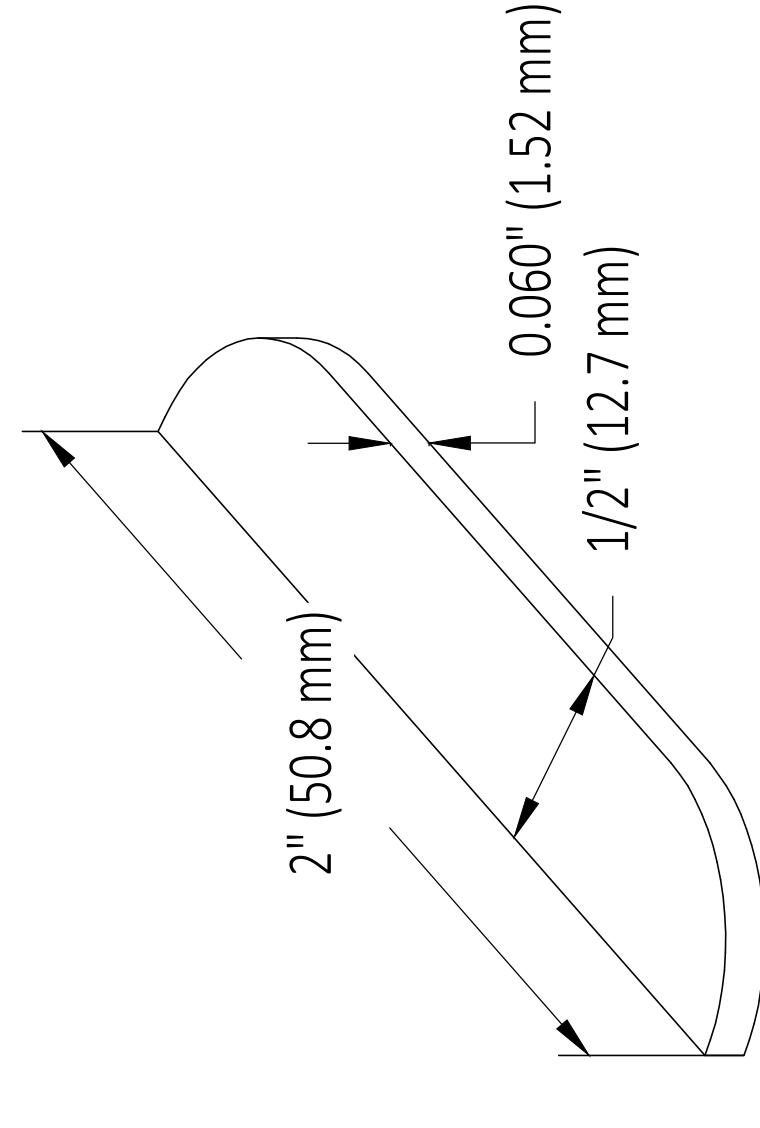
### A. Materials

1. The contractor shall furnish and install tree root barrier where specified.
2. Root barrier should be recyclable, black, injection molded panels with 0.80" (2.03 mm) wall thickness in modules 24" (609 mm) long and 24" (609 mm) deep.
3. Root barrier should be manufactured with 75% reprocessed polypropylene with added ultraviolet inhibitors.
4. Root barrier should be comprised of 24" (60.96 cm) panels. Each panel should have no less than four (4) Molded Integral Vertical Root Directing Ribs of a minimum 0.075" (1.90 mm) thickness, protruding 1/2" (12.7 mm) at 90° from interior of the barrier panel, spaced 6" (152.4 mm) apart. (See Details A & D)
5. Root barrier should have a Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel at 0.060" (1.52 mm) thickness, 3/8" (9.53 mm) wide and 1/4" (6.35 mm) apart with the lower rib attached to the vertical Root Directing Ribs (See Detail A).
6. Root barrier should have a minimum of twelve (12) Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of minimum 0.075" (1.90 mm) thickness in the shape of a segment of an oblong, the 2" (50.8 mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.53 mm) from the panel. The twelve ground locks on each panel should be about equally spaced between each of the vertical root directing ribs (Four (4) between each set of ribs, see Details B & D).
7. Root barrier should have an integrated Zipper Joining System for assembly by sliding one panel into another (See Detail C).



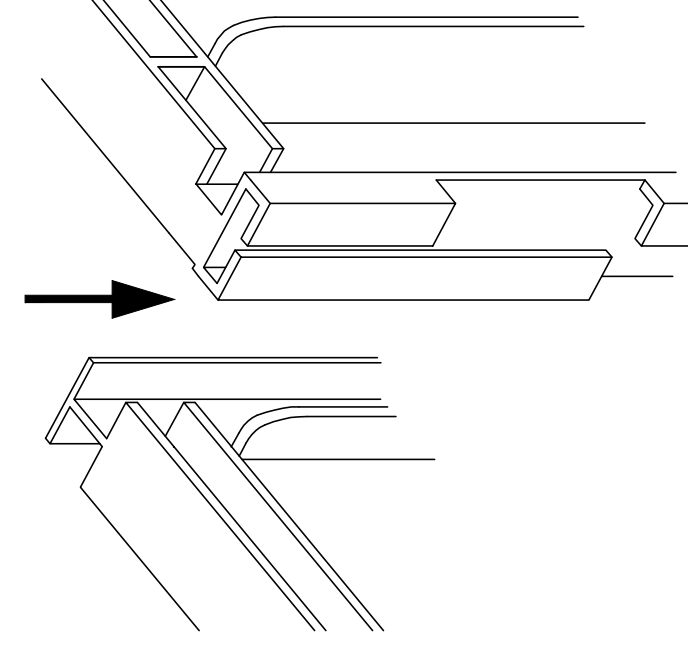
**DETAIL A**

### TYPICAL DOUBLE TOP EDGE AND VERTICAL ROOT DIRECTING RIB

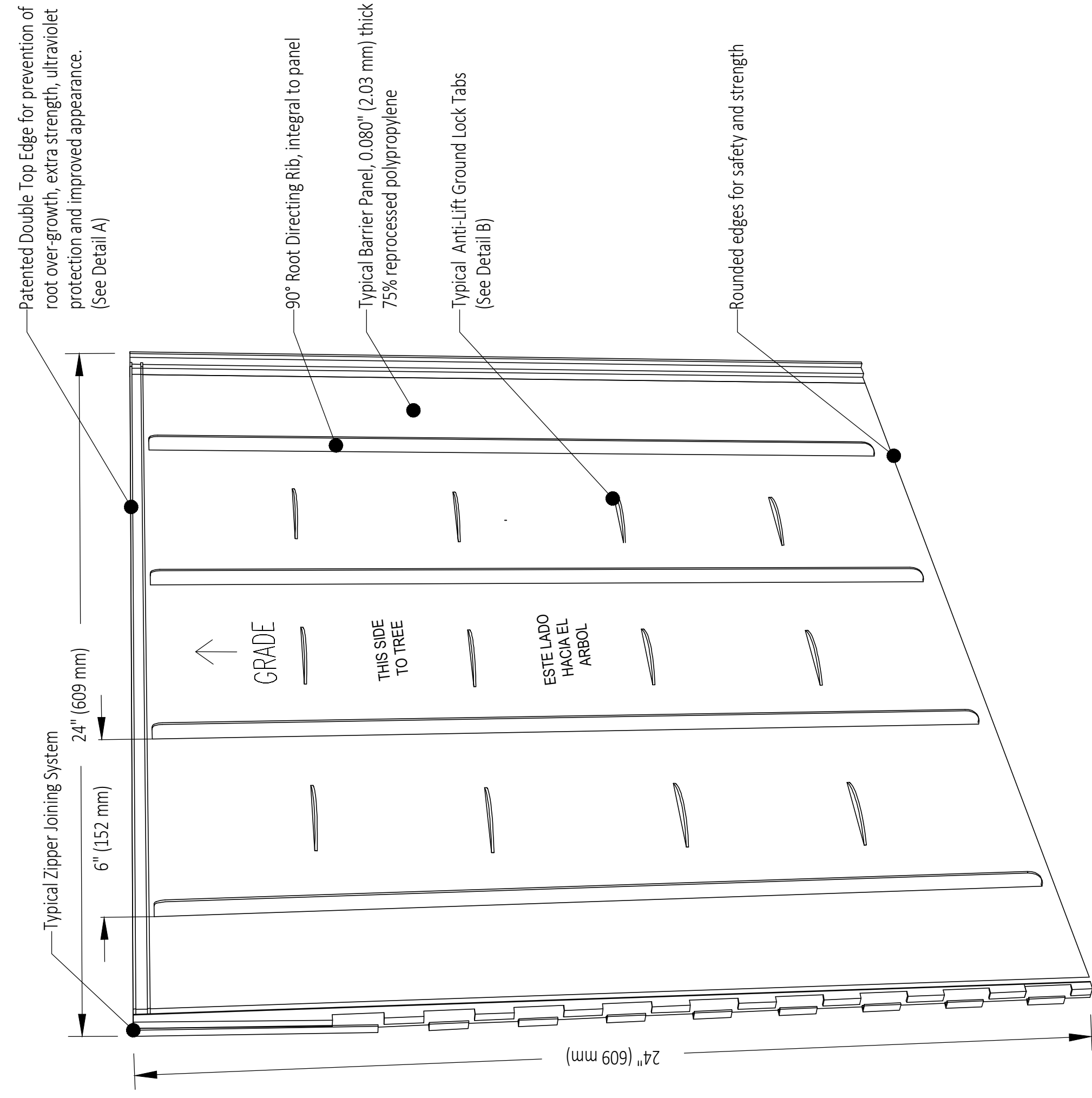


**DETAIL B -**

### TYPICAL ANTI-LIFT GROUND LOCK TAB



**DETAIL C - TYPICAL ZIPPER JOINING SYSTEM**



**DETAIL D - TREE ROOT ZONE BARRIER PANEL**

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SHEET CONTENTS  
TYPICAL TREE ROOT  
ZONE BARRIER  
INSTALLATION  
DETAILS

SHEET NO.

**L-301**



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