

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

CITY OF KEY WEST

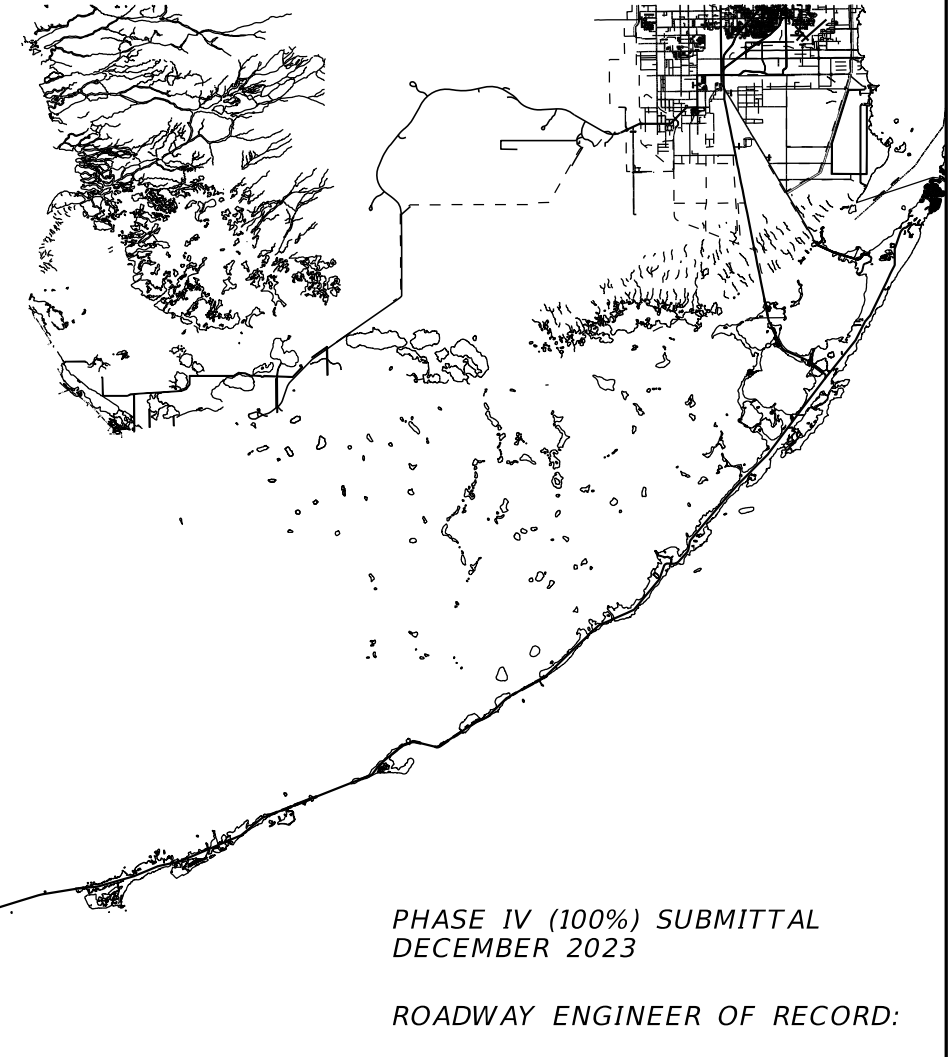
TASK ORDER 9-22
SOUTH STREET IMPROVEMENTS

MONROE COUNTY

ROADWAY PLANS

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PROJECT LOCATION

PHASE IV (100%) SUBMITTAL
DECEMBER 2023

ROADWAY ENGINEER OF RECORD:

KAREN E. FALKENBERRY P.E.
P.E. LICENSE NUMBER 54015
JACOBS ENGINEERING GROUP INC.
200 W. FORSYTH ST., STE 1520
JACKSONVILLE, FLORIDA 32202

CITY PROJECT MANAGER:

IAN MCDOWELL, P.E.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

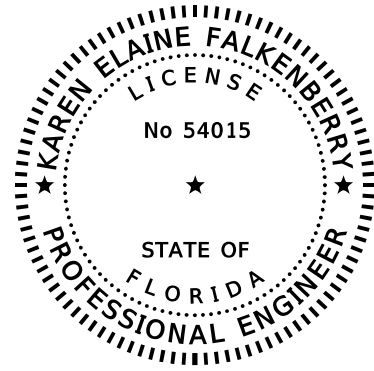
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	24	1

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



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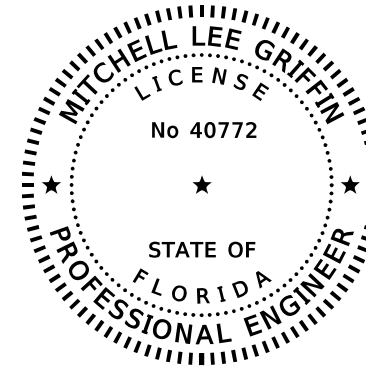
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JACOBS ENGINEERING GROUP, INC.
200 W. FORSYTH STREET, SUITE 1520
JACKSONVILLE, FL 32202
KAREN E. FALKENBERRY, P.E. NO. 54015

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

ROADWAY PLANS

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1	KEY SHEET
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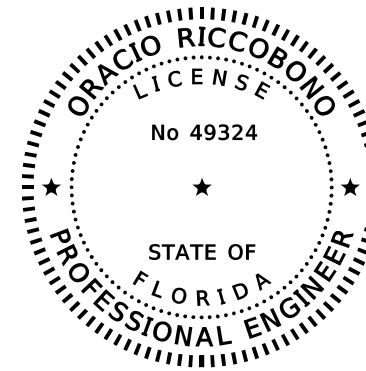
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JACOBS ENGINEERING GROUP, INC.
5401 W KENNEDY BLVD, STE 300
TAMPA, FL 33609
MITCH GRIFFIN, P.E. NO. 40772

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ROADWAY PLANS

SHEET NO	SHEET DESCRIPTION
2	SIGNATURE SHEET
16	DRAINAGE DETAILS
17 - 21	DRAINAGE PLAN



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GEOSOL, INC.
5795-A NW 151ST STREET
MIAMI LAKES, FL 33014
ORACIO RICCOBONO, P.E. NO. 49324

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

ROADWAY PLANS

SHEET NO	SHEET DESCRIPTION
2	SIGNATURE SHEET
22	ROADWAY SOILS SURVEY
23	ROADWAY SOIL PROFILES

REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST, STE 1520 JACKSONVILLE, FL 32202		TASK ORDER 9-22	PROJECT: SOUTH STREET IMPROVEMENTS	SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						2

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Bid Item Number	Pay Item Number	Description	Estimated Quantity	Unit
1	101-1	Mobilization	1	LS
2	102-1	Maintenance of Traffic	1	LS
3	104-18	Inlet Protection System	12	EA
4	107-1	Litter Removal	2.88	AC
5	110-1-1	Clearing and Grubbing	0.08	AC
6	110-4-10	Removal of Existing Concrete Pavement	3,846	SY
7	---	Type D-3 Geotextile for Trench Restoration	328	SY
8	---	Tensar Glasgrid CG System Geotextile	8,479	SY
9	121-70	Flowable Fill	94	CY
10	285-704*	Limerock Stabilized Base (LBR 100) - 6" (Stabilization)	2,251	SY
11	---	Regrading Limerock Base	1,317	SY
12	285-706	Optional Base, Base Group 6	1,226	SY
13	327-70-5	Mill Existing Asphalt Pavement (2.0" Avg Depth)	5,794	SY
14	334-1-12	Superpave Ashaltic Concrete, Traffic B	943.4	TN
15	425-1-201	Inlet, Curb, Type 9, <10 ft with Type P Box Alt B	5	EA
16	425-4	Inlets, Adjust	1	EA
17	425-5-1	Manhole, Adjust	17	EA
18	425-6	Valve Boxes, Adjust	214	EA
19	430-175-124	Pipe Culvert, Optional Material, Round, 24" S/CD	102	LF
20	520-1-10	Concrete Curb & Gutter, Type F	4,571	LF
21	520-2-4	Concrete Curb, Type D	1,868	LF
22	522-1	Concrete Sidewalk and Driveways, 4" thick	2,614	SY
23	522-2	Concrete Sidewalk and Driveways, 6" thick	714	SY
24	527-2	Detectable Warnings	328	SF
25	---	SOP Technologies Curbed Inlet Filter Screen	4	EA
26	---	Madrax Bollard Bike Rack	9	EA
27	581-1-1	Relocate Trees & Palms, Palm < 14' of Clear Trunk	4	EA
28	---	Landscape Trees	35	EA
29	---	Flexi-pave at Tree Wells	1,257	SF
30	700-1-11	Single Post Sign, F&I Ground Mount, up to 12 SF	46	AS
31	706-1-110	Raised Pavement Marker, Type B, Solar Powered Blue	9	EA
32	710-90	Painted Pavement Markings - Final Surface	1	LS
33	711-11-123	Thermo, Std, White, Solid, 12" (Cross-Walk)	1,450	LF
34	711-11-125	Thermo, Std, White, Solid, 24" (Stop Bar)	223	LF
35	711-11-141	Thermo, Std, White, 2-4' Dotted Guideline, 6"	0.059	GM
36	711-14-160	Thermo, Preformed, White, Message	36	EA
37	711-14-170	Thermo, Preformed, White, Arrow	16	EA
38	711-16-201	Thermo, Std - Other Surfaces, Yellow, Solid, 6" (Centerline)	0.790	GM
39	1000	Utility Coordination	1	LS

PAY ITEM NOTES

- 102-1 INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS. INCLUDES PEDESTRIAN MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS. INCLUDES TEMPORARY PAVEMENT MARKINGS AND TAPE, SIGNAGE, AND RAISED PAVEMENT MARKERS.
- 104-18 IS ESTIMATED FOR PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION AND ARE TO BE USED AT LOCATIONS DESIGNATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- 107-1 PROVIDE PICKUP, REMOVAL AND DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS FROM THE OUTSIDE EDGE OF TRAVEL WAY TO THE RIGHT-OF-WAY LINE. LITTER INCLUDES, BUT IS NOT LIMITED TO BOTTLES, CANS, PAPER, TIRES, TIRE PIECES, LUMBER, VEHICLE PARTS, METAL JUNK, AND BRUSH DEBRIS.
- 110-1-1 INCLUDES REMOVAL AND DISPOSAL OF ALL VEGETATION, DEBRIS, DRAINAGE STRUCTURES, FLEXIBLE PAVEMENT, BUILDINGS OR ANY OTHER OBSTRUCTIONS IN ALL AREAS WHERE EXCAVATION IS TO BE DONE, OR WHERE EMBANKMENTS OR STRUCTURES WILL BE CONSTRUCTED. THIS INCLUDES ROADWAY AREA, DITCH AREA, BORROW AND MATERIAL PITS, AND AREAS WHERE CULVERTS OR PIPE LINES WILL BE CONSTRUCTED. TOTAL: 0.08 AC.
- 110-4-10 INCLUDES REMOVAL AND DISPOSAL OF EXISTING CURB & GUTTER AND CONCRETE SIDEWALKS AS REQUIRED FOR NEW CONSTRUCTION.
- 425-6 ADJUST VALVES, METERS, CLEANOUTS, UTILITY BOXES AS SHOWN IN THE PLANS TO BE ADJUSTED OR REQUIRING ADJUSTMENT FOR THE SATISFACTORY COMPLETION OF THE WORK.
- 520-1-10 MODIFIED TYPE F CURB AND MODIFIED DROP CURB CONSTRUCTION AND INSTALLATION IS INCIDENTAL AND INCLUDED IN THE COST OF THE CONCRETE.
- 520-1-10, 520-2-4, 522-1, 522-2 EXCAVATION AND/OR EMBANKMENT, SUBGRADE, OR BASE FOR CONSTRUCTION OF THE LISTED ROADWAY FEATURES IS INCIDENTAL AND INCLUDED IN THE COST OF THE CONCRETE.
- 522-2 6" CONCRETE TO BE PLACED WITHIN LIMITS OF CURB RAMPS WITHIN RADIUS RETURNS, SIDEWALKS WITHIN DRIVEWAYS, AND DRIVEWAYS. INCLUDES CONCRETE PAVEMENT IN PARKING AREAS (IF APPLICABLE).
- 527-2 SHALL BE CAST IN PLACE, INCLUDES ALL LABOR, SURFACE PREPARATION, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. CITY OF KEY WEST REQUIRES ENDICOTT CLAY PAVERS, (4"x8"x2.25", ROSE BLEND COLOR).
- 706-1-110** INCLUDES PAYMENT FOR FINAL SURFACE RAISED PAVEMENT MARKERS (RPMs). THIS INCLUDES BLUE SOLAR-POWERED RPMs AT ALL FIRE HYDRANT LOCATIONS PER FDOT STANDARD INDEX 706-001.
- 710-90** INCLUDES PAYMENT FOR PAINTED FINAL SURFACE PAVEMENT MARKINGS (ONE COAT OF FINAL PAINT). THIS INCLUDES RED PAINT AND YELLOW REFLECTIVE PAINTED CURB FOR NO PARKING AREAS AS SHOWN IN THE PLAN.
- 711-11-123**, 711-11-124, 711-11-141, 711-14-160, 711-14-170, 711-16-201 INCLUDES ALL CLEANING AND PREPARATION OF SURFACES, FURNISHING OF ALL MATERIALS, APPLICATION, CURING AND PROTECTION OF ALL ITEMS, PROTECTION OF TRAFFIC, FURNISHING OF ALL TOOLS, MACHINES AND EQUIPMENT, AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- 1000 SHALL COMPENSATE THE CONTRACTOR FOR ALL COORDINATION WITH EXISTING UTILITY PROVIDER THROUGHOUT THE DURATION OF THE CONSTRUCTION CONTRACT.

* PAY ITEM 285-704, OPTIONAL BASE GROUP 4, IS SIMILAR TO THE LIMEROCK STABILIZED BASE (LBR 100)
** PAY ITEM IN SIGNING AND PAVEMENT MARKING COMPONENT SET.

REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202		TASK ORDER 9-22	PROJECT: SOUTH STREET IMPROVEMENTS	SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						3

GENERAL NOTES

- THE CONTRACTOR SHALL FIELD-VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING ANY WORK UNDER THIS CONTRACT AND NOTIFY THE ENGINEER IN WRITING OF ANY DIFFERENCES BEFORE COMMENCING WITH ANY CONSTRUCTION.
- HORIZONTAL COORDINATES ARE BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM. VERTICAL ELEVATIONS ARE BASED ON NGVD 1929 DATUM AS PROVIDED IN THE TOPOGRAPHIC ROUTE SURVEY SHEETS.
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
- ALL STORM DRAINAGE INLETS AND PIPES SHALL BE PROTECTED FROM SILT, SAND AND DEBRIS DURING CONSTRUCTION. ANY ACCUMULATION WITHIN THE STORM DRAINAGE SYSTEM SHALL BE REMOVED WITHOUT PUMPING OR FLUSHING INTO SURFACE WATERS. STORM DRAINAGE SYSTEM SHALL BE CLEANED AND FREE OF DEBRIS PRIOR TO FINAL ACCEPTANCE.
- NO CONNECTIONS FOR THE PURPOSE OF OBTAINING WATER SUPPLY DURING CONSTRUCTION SHALL BE MADE TO ANY FIRE HYDRANT OR BLOW-OFF STRUCTURE WITHOUT FIRST OBTAINING A CONSTRUCTION METER FROM THE FLORIDA KEYS AQUEDUCT AUTHORITY.
- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS :

KEITH M. CHEE-A-TOW, P.L.S.
Florida Registration No.: 5328
AVIROM & ASSOCIATES, INC.
50 S.W. 2nd AVENUE, SUITE 102
BOCA RATON, FL 33432
L.B. No. 3300
- THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN ON THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNER TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS AS REQUIRED.

IDENTIFIED UTILITY / AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE
A.T.T. FLORIDA	CARLOS MORENO	(305) 929-4579
COMCAST	LEONARD MAXWELL-NEWBOLD	(954) 447-8405
F.K.A.A.	MARNIE WALTERSON	(305) 295-2154
KEYS ENERGY SERVICES	MATTHEW ALFONSO	(305) 295-1055
O.M.I. (KEY WEST SEWER DEPT)	KELLY CROWE	(305) 809-3906

- UTILITY ADJUSTMENTS INCLUDE THE COST OF REMOVAL AND REPLACEMENT OF NEW PULL BOXES FOR WATER METERS, WATER VALVES, AND SEWER CLEAN OUTS. CONTRACTOR IS RESPONSIBLE FOR PROCUREMENT AND INVENTORY OF ALL UTILITY PULL BOXES PRIOR TO CONSTRUCTION. COST OF PULL BOXES ARE INCIDENTAL AND INCLUDED IN THE COST OF THE UTILITY ADJUSTMENT, (PAY ITEM #425-6). CONTRACTOR MUST COORDINATE WITH THE CITY OF KEY WEST FOR THE NECESSARY PULL BOX INVENTORY TO BEGIN WATER METER AND WATER VALVE (FKAA) ADJUSTMENTS.
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION IN THE FIELD PRIOR TO INSTALLING ANY NEW WORK THAT CROSSES OR CONNECTS TO EXISTING UTILITY SYSTEMS. LOCATIONS OF NEW UTILITIES SHALL BE ADJUSTED IN A MANNER APPROVED BY THE ENGINEER TO AVOID CONFLICTS. DAMAGES TO UTILITIES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE CITY.
- ALL CONCRETE SIDEWALK JOINTS SHALL BE TOOLED WITHOUT EXPANSION JOINTS. EXPANSION MATERIAL MUST BE PLACED AT ALL EXISTING CONCRETE INTERFACES AND FORM MATERIAL MUST BE USED TO ACT AS BUFFER WITH ANY OTHER OBSTRUCTIONS, (WOOD FENCES, RAILING, GATES, ETC.) AT BACK OF SIDEWALK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE THAT OCCURS TO ANY EXISTING RIGHT-OF-WAY LINE FEATURES (WALLS, GATES, FENCES, ETC.) WHEN REMOVING THE CONCRETE SIDEWALK OR DRIVEWAYS. RIGHT-OF-WAY LINE FEATURES MUST BE REPLACED OR REPAIRED TO THE EXISTING CONDITION PRIOR TO SIDEWALK REMOVAL.
- CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING AND RECEIVING CONSENT FROM PRIVATE RESIDENTS AND/OR BUSINESS OWNERS FOR THE GRADE HARMONIZATION OF THEIR DRIVEWAYS. GRADE HARMONIZATION IS INCIDENTAL AND INCLUDED IN THE COST OF THE CONCRETE, (PAY ITEM #522-2), THIS INCLUDES BUT IS NOT LIMITED TO THE REMOVAL AND REPLACEMENT OF BRICK PAVERS AND/OR CONCRETE NECESSARY TO MAKE FINISH PRODUCT SATISFACTORY AND AS DIRECTED BY THE ENGINEER.

- THE CONTRACTOR SHALL SEQUENCE OPERATIONS SUCH THAT ORANGE MESH SAFETY FENCING IS PROVIDED ALONG ALL AREAS BEING TRENCHED AND NO TRENCH IS LEFT OPEN AT THE END OF THE WORK DAY. THE LOCATIONS IDENTIFIED IN THESE ROADWAY PLANS AS "PAVEMENT RESTORATION AREA" WILL FOLLOW CITY DETAIL NO. 21 - FAILED TRENCH RESTORATION. EXACT LOCATIONS OF FAILED TRENCH REPAIR TO BE FIELD DETERMINED.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING FEATURES, (GARBAGE CANS, PAY TO PARK CONSOLES, SIGNAGE, AND BENCHES) WITHIN RECONSTRUCTED SIDEWALK OR AS DIRECTED BY THE ENGINEER. CONTRACTOR TO REMOVE AND TEMPORARILY STORE EXISTING PARKING METERS. CONTRACTOR SHALL COORDINATE WITH THE CITY OF KEY WEST PARKING DIRECTOR, JOHN WILKINS (305-809-3855) FOR PICK-UP OF REMOVED PARKING METERS WITHIN 24 HOURS. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR OBTAINING AND INSTALLATION OF PAY TO PARK CONSOLE BASE PLATE IN AREAS WHERE EXISTING PARKING METERS ARE REMOVED. COST OF REMOVAL AND REPLACEMENT OF EXISTING FEATURES AND REMOVAL AND STORAGE OF EXISTING PARKING METERS, AND INSTALLATION OF PAY TO PARK CONSOLE BASE PLATE AND SIGN POST IS INCIDENTAL AND INCLUDED IN THE COST OF THE CONCRETE, (PAY ITEM # 522-1).
- CONTRACTOR TO REMOVE PAY STATION AND STORE FOR REINSTALLATION; FINAL LOCATION TO BE REVIEWED IN FIELD WITH CITY PRIOR TO REINSTALLATION.
- ALL ITEMS INDICATING TO BE REMOVED OR DEMOLISHED SHALL BE REVIEWED WITH THE OWNER TO DETERMINE IF THE ITEM IS TO BE PROPERTY OF THE CONTRACTOR. HISTORIC GRANITE CURBS THAT ARE PROPOSED TO BE REMOVED/REPLACED SHALL BE PROVIDED TO THE CITY FOR PLACEMENT IN CITY STORAGE.
- CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, NEAT STACKING, AND SECURE STORAGE OF HISTORICAL GRANITE CURB THROUGHOUT PROJECT. CONTRACTOR IS RESPONSIBLE FOR COORDINATING PICK UP OF THE GRANITE CURB BY THE CITY OF KEY WEST AND SHALL NOTIFY CITY OF KEY WEST WITHIN 24 HOURS OF THE REMOVAL OF THE GRANITE CURB, COST FOR REMOVAL, STACKING, AND SECURE STORAGE IS INCIDENTAL AND INCLUDED IN THE COST OF THE CONCRETE REMOVAL, (PAY ITEM# 110-4-10).
- EXISTING ELEVATIONS ARE SHOWN IN THE PLANS AS " EL XX.XX ±" FOR REFERENCE. THESE ELEVATIONS WERE OBTAINED FROM SURVEY DATA AND SHOULD BE FIELD-CONFIRMED. DESIGN INTENT IS TO PROVIDE POSITIVE DRAINAGE FLOW.
- ADDITIONAL GENERAL NOTES ARE PROVIDED ON SIGNING AND PAVEMENT MARKING PLANS (SHEET S-5).
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY AND/OR OTHERWISE SATISFY HIMSELF THAT THE QUANTITIES SHOWN IN THE PLAN SET ARE ACCURATE. ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE CITY OF KEY WEST IMMEDIATELY AND PRIOR TO BEGINNING CONSTRUCTION.
- ALL WORK ASSOCIATED WITH THIS PROJECT IS TO BE PERFORMED WITHIN THE RIGHT-OF-WAY LIMITS AS DEPICTED ON THE PLAN SHEETS, OR AS DIRECTED BY THE CITY OF KEY WEST.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE CITY OF KEY WEST WITHOUT DELAY.
- SIDEWALK AND CURBING TO REMAIN SHALL BE PRESSURE WASHED.

EROSION CONTROL NOTES

- EROSION, SEDIMENT, AND TURBIDITY CONTROL MEASURES SHALL BE PROVIDED THROUGHOUT CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND REPAIRING ALL SLOPES AND SURFACES THROUGHOUT CONSTRUCTION AND UNTIL A STABLE SURFACE CONDITION EXISTS. THE CONTRACTOR SHALL MINIMIZE THE EXPOSED AREA AT ANY POINT DURING CONSTRUCTION AS MUCH AS PRACTICAL.
- FILTER FABRIC SILT FENCE SHALL BE IN CONFORMANCE WITH SECTION 985, FDOT SPECIFICATION.
- PROVIDE EROSION CONTROL MEASURES AS NECESSARY TO AVOID ADVERSE IMPACTS TO JURISDICTIONAL AREAS (WETLANDS OR WATER BODIES) AND OFF-SITE LANDS AND WATER BODIES. MAINTAIN THESE MEASURES DAILY UNTIL CONSTRUCTION ACCEPTANCE BY THE OWNER AND THEN REMOVE AND LEGALLY DISPOSE OF SAID MEASURES.
- EROSION CONTROL SHALL BE MAINTAINED WITHIN CONSTRUCTION AREA BY QUICKLY STABILIZING DISTURBED AREA TO PREVENT THE RELEASE OF SEDIMENT. THIS SHALL BE ACCOMPLISHED USING GRASS COVER, HAY BALES AND OTHER MEANS ACCEPTABLE TO OWNER, ENGINEER AND REGULATORY AGENCIES.
- ALL SURFACE WATER DISCHARGE FROM SITE, INCLUDING DEWATERING DISCHARGE, SHALL MEET STATE WATER QUALITY STANDARDS (LESS THAN 29 NTU ABOVE BACKGROUND) PRIOR TO REACHING ANY WATER OF THE STATE INCLUDING WETLAND.
- IN THE EVENT THAT THE EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THESE PLANS PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE WILL BE REQUIRED. ANY ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE APPROVED BY THE CITY OF KEY WEST.

TRAFFIC CONTROL NOTES

- THE CONTRACTOR SHALL DEVELOP A DETAILED MAINTENANCE OF TRAFFIC PLAN BASED ON THE SITE SPECIFIC MEANS AND METHODS OF CONSTRUCTION. THE DETAILED PLANS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY PRIOR TO ANY CONSTRUCTION ACTIVITIES. TRAFFIC PLAN SHALL BE IN CONFORMANCE WITH FDOT STANDARD PLANS 102-600 SERIES.
- TEMPORARY TRAVEL LANES SHALL BE 10 FEET MINIMUM WIDTH.
- ACCESS TO ALL SIDE STREETS AND DRIVEWAYS MUST BE PROVIDED AND MAINTAINED DURING CONSTRUCTION. ACCESS TO BUSINESS ENTRANCES SHALL BE MAINTAINED DURING SIDEWALK CONSTRUCTION. COORDINATE WITH THE NAVAL AIR STATION KEY WEST TO ENSURE ACCESS IS MAINTAINED AT ALL TIMES TO THE GATE AT THE WEST END OF UNITED STREET AT WHITEHEAD STREET.
- PEDESTRIAN, BICYCLE, BUS AND TROLLEY ACCESS SHALL BE MAINTAINED OR DETOURED.
- EXISTING SIGNALIZATION SHALL REMAIN IN PLACE TO THE EXTENT POSSIBLE. IMPACTS TO SIGNAL LOOPS SHALL BE COORDINATED WITH THE MAINTAINING AGENCY.
- RESURFACING SHALL BE PERFORMED ON THE SAME DAY AS MILLING AND POSITIVE DRAINAGE SHALL BE PROVIDED AT ALL TIMES. IF MILLING OPERATIONS CEASE FOR ANY REASON, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE REMAINING ASPHALT AND BASE.
- WORK HOURS ARE FROM 8:00 AM TO 5:00 PM, MONDAY - FRIDAY. WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY THE CITY OF KEY WEST UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY.
- ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH FDOT INDEX 102-600 SHEET 6 OF 11. PLYWOOD CONTRACTOR FABRICATED SIGNAGE WILL NOT BE ALLOWED.
- MAINTAIN THE EXISTING POSTED SPEED OF 20 MPH DURING CONSTRUCTION.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
P.E. LICENSE NUMBER 54015
JACOBS ENGINEERING GROUP, INC.
200 W. FORSYTH ST., STE 1520
JACKSONVILLE, FL 32202



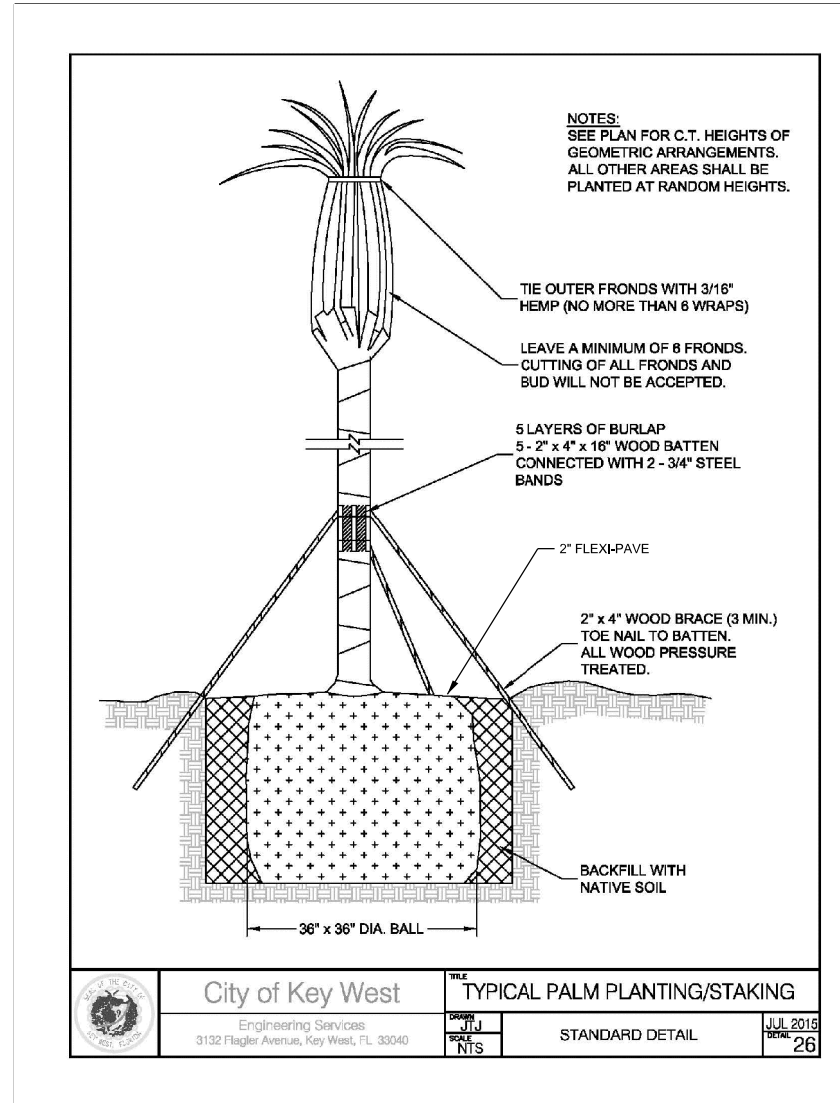
TASK ORDER 9-22
PROJECT:
SOUTH STREET IMPROVEMENTS

GENERAL NOTES

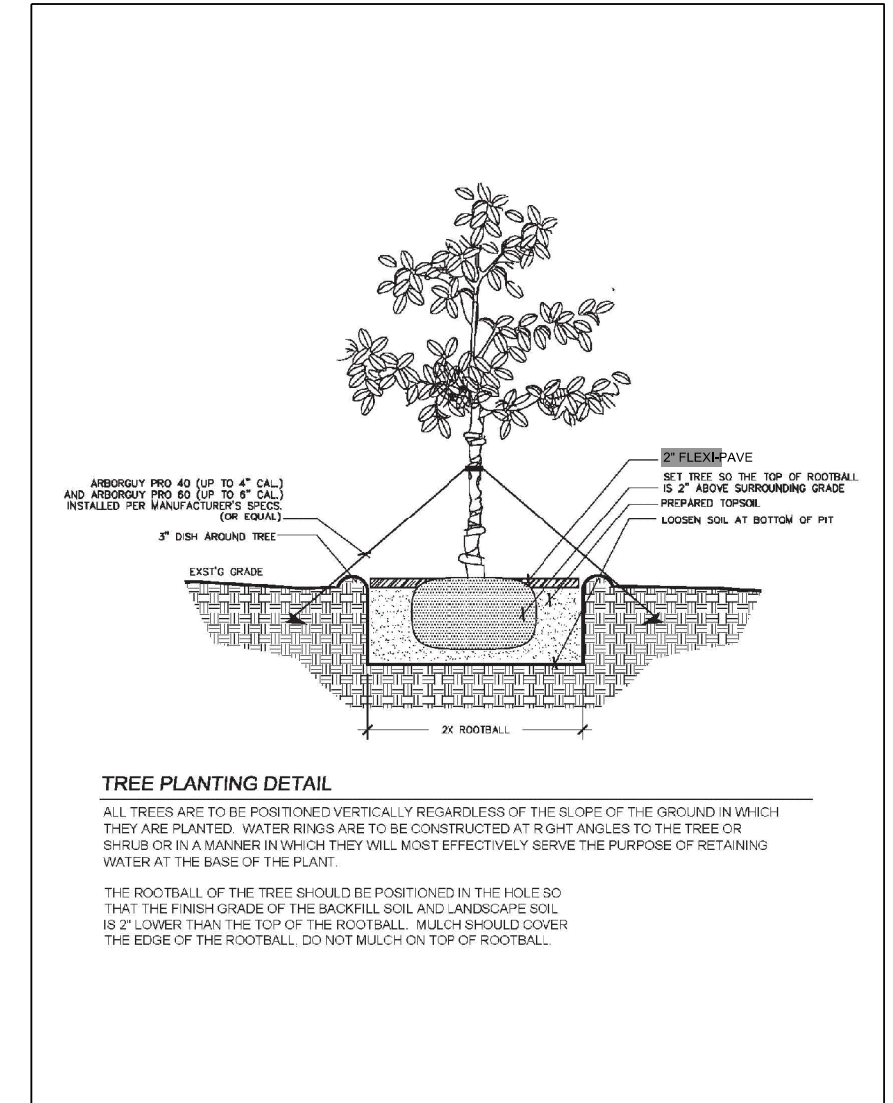
SHEET NO.
4

TREE AND PALM PROTECTION NOTES

1. TOPOGRAPHIC ROUTE SURVEY (PART 6) INCLUDES A TREE TABULATION WITH TREE SPECIES AND TRUNK DIAMETER.
2. TREE PROTECTION AND PRESERVATION INCLUDING TRUNK AND ROOT PRESERVATION SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 110-100.
3. THE GENERAL CONTRACTOR SHALL CONSULT WITH AN ISA CERTIFIED ARBORIST REGARDING THE CONDITION OF THE EXISTING TREES AND PALMS AND SHALL HIRE AN ISA CERTIFIED ARBORIST TO PERFORM TREE CARE THAT MAY BE NEEDED TO MITIGATE RISKS PRIOR TO AND DURING CONSTRUCTION.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING A MEETING WITH ISA CERTIFIED ARBORIST AND CITY OF KEY WEST URBAN FORESTRY MANAGER TO REVIEW TREE PROTECTION MEASURES PRIOR TO CONSTRUCTION COMMENCING.
5. FLEXIBLE POROUS PAVEMENT TO BE REPLACED AT TREE SITES AS SHOWN IN PLANS. COLOR TO BE APPROVED BY THE CITY.
6. ALL UNDERGROUND UTILITIES AND DRAIN OR IRRIGATION LINES SHALL BE ROUTED OUTSIDE THE TREE PROTECTION ZONE. IF LINES MUST TRAVERSE THE PROTECTION AREA, THEY SHALL BE TUNNELED OR BORED UNDER THE TREE.
7. NO CONSTRUCTION MATERIALS, EQUIPMENT, SPOIL, OR WASTE OR WASHOUT WATER MAY BE DEPOSITED, STORED, OR PARKED WITHIN THE TREE PROTECTION ZONE (FENCED AREA).
8. IF INJURY SHOULD OCCUR TO ANY TREE DURING CONSTRUCTION, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE CITY OF KEY WEST URBAN FORESTER, ISA CERTIFIED ARBORIST, LANDSCAPE ARCHITECT AND LANDSCAPE CONTRACTOR AS SOON AS POSSIBLE SO THAT APPROPRIATE TREATMENTS CAN BE APPLIED.
9. ADDITIONAL TREE PRUNING THAT MAY BE REQUIRED FOR CLEARANCE DURING CONSTRUCTION SHALL BE APPROVED BY CITY OF KEY WEST URBAN FORESTRY MANAGER AND PERFORMED BY AN ISA CERTIFIED ARBORIST AS PER ANSI A-300 STANDARDS.
10. EROSION CONTROL DEVICES SUCH AS SILT FENCING, DEBRIS BASINS, AND WATER DIVERSION STRUCTURES SHALL BE INSTALLED TO PREVENT SILTATION AND/OR EROSION WITHIN THE TREE PROTECTION ZONE.
11. BEFORE GRADING, PAD PREPARATION, OR EXCAVATION FOR FOUNDATIONS, FOOTINGS, WALLS, SIDEWALKS, CURBS OR TRENCHING NEAR TREES THE TREES SHALL BE ROOT PRUNED 12 INCHES OUTSIDE THE TREE PROTECTION ZONE BY CUTTING ALL ROOTS CLEANLY TO A DEPTH OF 36 INCHES. ROOTS SHALL BE CUT MANUALLY BY DIGGING A TRENCH AND CUTTING EXPOSED ROOTS WITH A SAW, VIBRATING KNIFE, ROCK SAW, NARROW TRENCHER WITH SHARP BLADES, OR OTHER APPROVED ROOT-PRUNING EQUIPMENT.
12. ANY ROOTS DAMAGED DURING GRADING OR CONSTRUCTION SHALL BE EXPOSED TO SOUND TISSUE AND CUT CLEANLY WITH A SAW.
13. SPOIL FROM TRENCHES, BASEMENTS, OR OTHER EXCAVATIONS SHALL NOT BE PLACED WITHIN THE TREE PROTECTION ZONE, EITHER TEMPORARILY OR PERMANENTLY.
14. NO BURN PILES OF DEBRIS PITS SHALL BE PLACED WITHIN THE TREE PROTECTION ZONE. NO ASHES, DEBRIS OR GARBAGE MAY BE DUMPED OR BURIED WITHIN THE TREE PROTECTION ZONE.
15. MAINTAIN FIRE-SAFE AREAS AROUND FENCED TREE PROTECTION AREAS, NO HEAT SOURCES, FLAMES, IGNITION SOURCES OR SMOKING ARE ALLOWED NEAR MULCH OR TREES.
16. ABBREVIATION ON LANDSCAPE TABLE: o.a. = OVERALL HEIGHT



CITY STD. PALM PLANTING DETAIL



CITY STD. TREE PLANTING DETAIL

REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202		TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	TREE PROTECTION NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					5

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 2,746
 ESTIMATED OPENING YEAR = 2024 AADT = 2,773
 ESTIMATED DESIGN YEAR = 2044 AADT = 3,313
 T = 4.7% (24 HOUR)
 DESIGN SPEED = 25 MPH

* EXCEPTIONS FOR 5.0% CORRECTIVE MILLING:

STA 107+71.06: TRANSITION TO 1.0%
 STA. 124+36.49: TRANSITION TO 4.0%

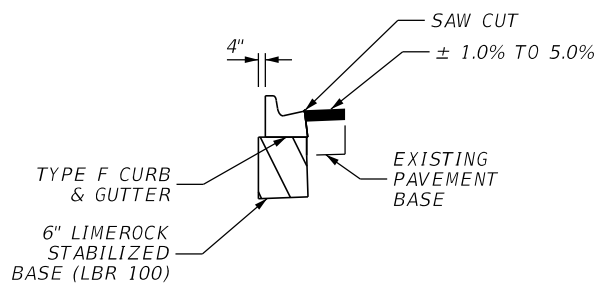
** SLOPE IS 1.0% IN MOST PLACES. STATIONS WHERE WIDENING PAVEMENT SLOPE VARIES FROM 1.0%:

STA. 109+40.28: TRANSITION TO 2.0%
 STA. 114+73.07: TRANSITION TO 0.5%
 STA. 119+01.99: TRANSITION TO 0.5%

*** SIDEWALK SLOPE IS 1.0% IN MOST PLACES. STATIONS WHERE SLOPE VARIES FROM 1.0%:

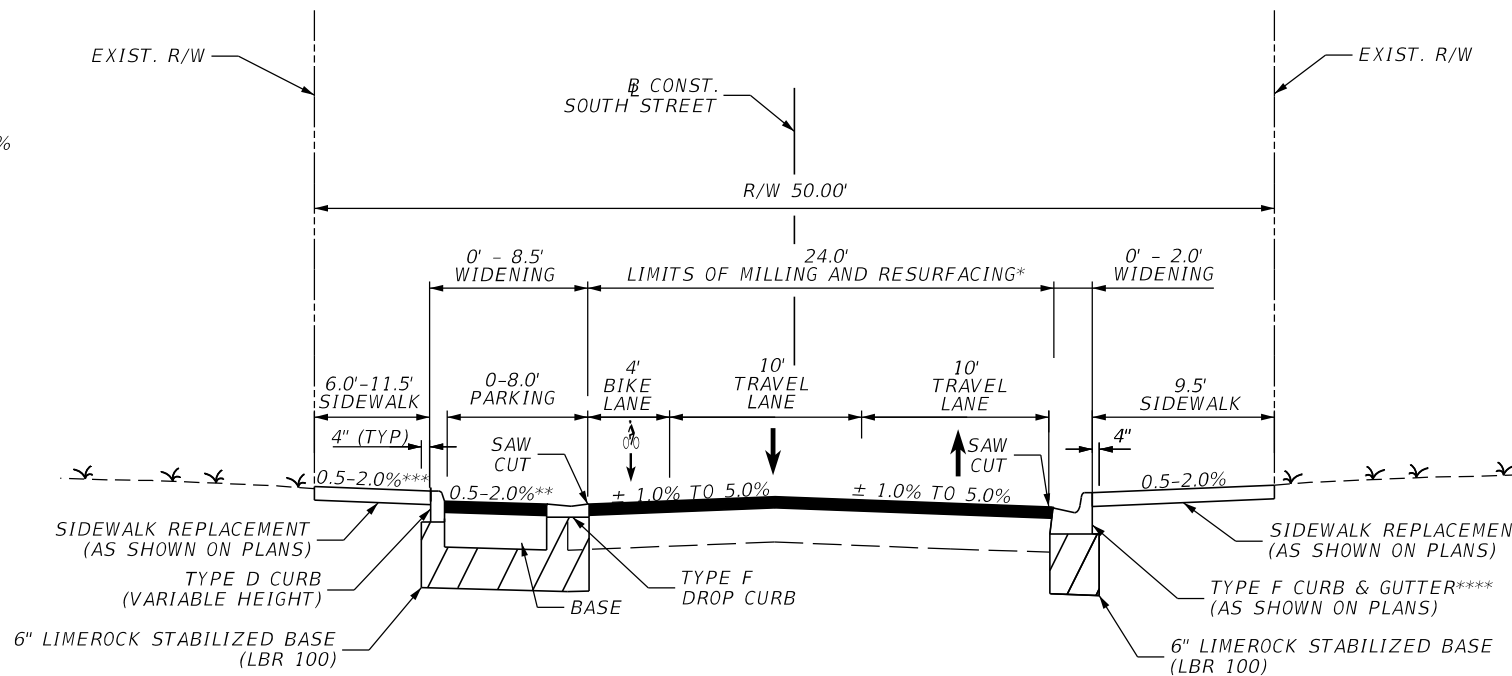
STA. 107+71.06: TRANSITION TO 2.0%
 STA. 108+04.82: TRANSITION TO 2.0%
 STA. 109+40.28: TRANSITION TO 2.0%
 STA. 111+10.55: TRANSITION TO 0.5%
 STA. 114+73.07: TRANSITION TO 0.5%
 STA. 119+01.99: TRANSITION TO 0.5%

**** THE TYPE F CURB ON THE RT SIDE WILL VARY BETWEEN DROP CURB AND FULL HEIGHT CURB.



NOTE: SEE PLAN VIEW FOR LOCATIONS.

LT CURB AND GUTTER DETAIL (AT BULB OUTS)



TYPICAL SECTION
 STATIONING FROM \pm SURVEY SOUTH STREET
 STA. 104+27.58 TO STA. 124+44.18

WIDENING (TYPICAL) (AS SHOWN IN PLANS)

- LIMEROCK STABILIZED BASE (LBR 100) (6.0")
- OPTIONAL BASE GROUP 6 (TYPE B-12.5) (5.0")
- 1 LAYER OF TENSAR GLASGRID CG SYSTEM ON BASE AFTER PRIME/TACK COAT
- TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) (1.5")
- TYPE SP 9.5 STRUCTURAL COURSE FOR LEVELING (TRAFFIC B) (1.0")

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2.0")

RESURFACING

- 1 LAYER OF TENSAR GLASGRID CG SYSTEM ON MILLED SURFACE AFTER PRIME/TACK COAT
- TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) (1.0")
- TYPE SP 9.5 STRUCTURAL COURSE FOR LEVELING (TRAFFIC B) (1.0")

TYPICAL SECTION NOTES

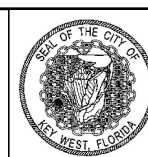
1. THE TYPICAL SECTIONS SHOWN MAY NOT BE REPRESENTATIVE OF THE ACTUAL CONDITIONS AT ALL LOCATIONS ON THE PROJECT. VARIABLE CONDITIONS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR MAY ENCOUNTER ISOLATED AREAS OF ASPHALT LESS THAN THE MILLING DEPTH. IN THESE LOCATIONS THE CONTRACTOR SHALL MILL TO THE SURFACE OF THE BASE AND RESURFACE TO MAINTAIN POSITIVE DRAINAGE.
3. EXISTING GRANITE CURB TO BE REMOVED AND PRESERVED AS INDICATED ON GENERAL NOTES.
4. LIMEROCK MAY BE ENCOUNTERED DURING MILLING.
5. PERFORM CORRECTIVE MILLING ON BOTH LANES OF SOUTH STREET AT 5.0% CROSS-SLOPE WITH THE EXCEPTIONS LISTED ABOVE.

1/31/2024 1:16:33 PM Karen.Falkenberry@jacobs.com c:\users\kfalkenb\appdata\local\bentley\projectwise\jacobs-americas-01\dms89931\TYP5RD01.dgn

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
 P.E. LICENSE NUMBER 54015
 JACOBS ENGINEERING GROUP, INC.
 200 W. FORSYTH ST., STE 1520
 JACKSONVILLE, FL 32202



TASK ORDER 9-22
 PROJECT:
 SOUTH STREET IMPROVEMENTS

TYPICAL SECTION (1)

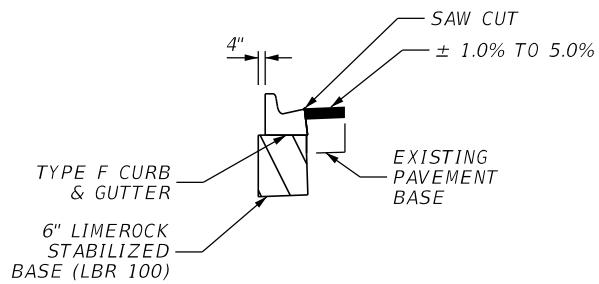
SHEET NO.
 6

TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 2,746
 ESTIMATED OPENING YEAR = 2024 AADT = 2,773
 ESTIMATED DESIGN YEAR = 2044 AADT = 3,313
 T = 4.7% (24 HOUR)
 DESIGN SPEED = 25 MPH

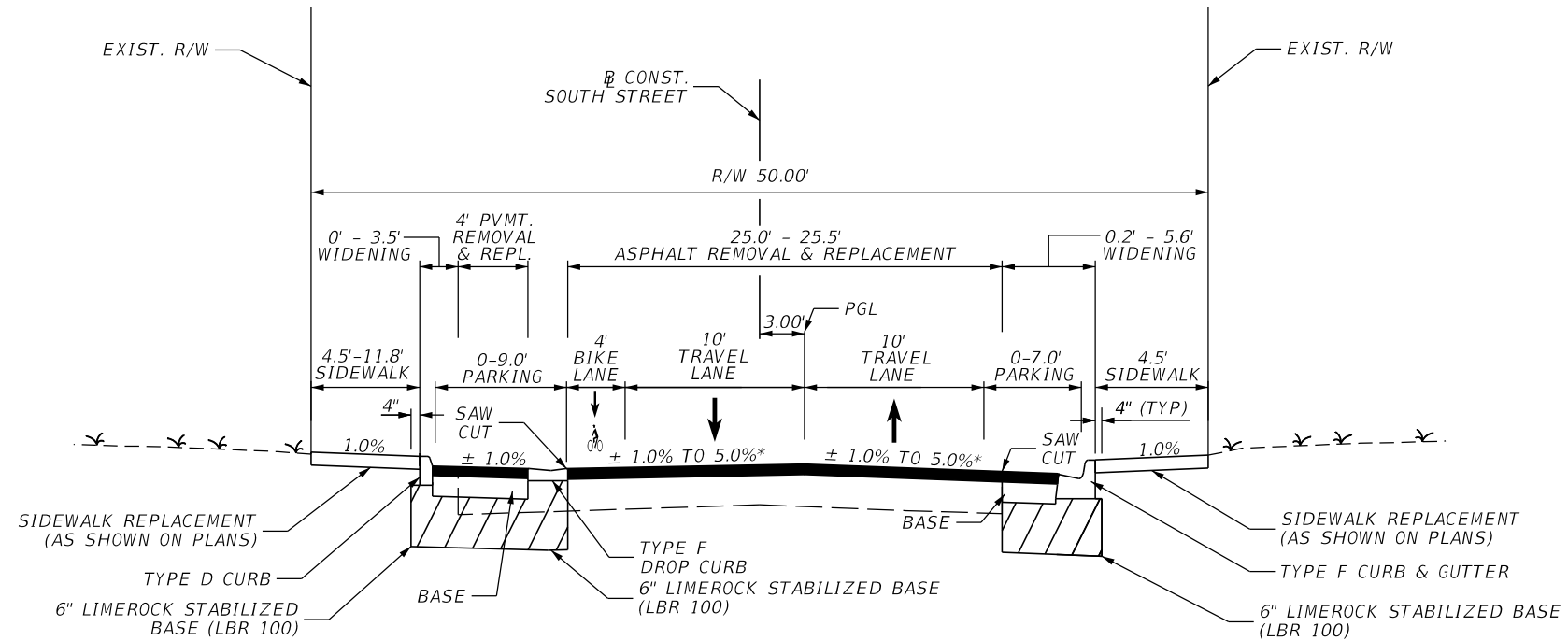
* CROSS-SLOPE VARIES AS FOLLOWS:

STA. 302+33.30: 2%
 STA. 302+50.00: 2%
 STA. 303+00.00: 2%
 STA. 303+50.00: 2%
 STA. 304+00.00: 2%
 STA. 304+50.00: 2%
 STA. 305+00.00: 2%
 STA. 305+50.00: 2%
 STA. 305+75.00: 3%
 STA. 306+00.00: 4%
 STA. 306+25.00: 5%
 STA. 306+26.22: 5%



NOTE: SEE PLAN VIEW FOR LOCATIONS.

LT CURB AND GUTTER DETAIL (AT BULB OUTS)



TYPICAL SECTION

STATIONING FROM \mathcal{B} SURVEY SOUTH STREET
 STA. 124+44.18 TO STA. 125+13.83
 STATIONING FROM \mathcal{B} SURVEY REYNOLDS STREET
 STA. 301+75.19 TO STA. 306+26.22

WIDENING (TYP.) (AS SHOWN IN PLANS)

LIMEROCK STABILIZED BASE (LBR 100) (6.0")
 OPTIONAL BASE GROUP 6 (8")
 1 LAYER OF TENSAR GLASGRID CG SYSTEM ON LIMEROCK SURFACE (AFTER PRIME COAT)
 TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) (1.0")
 TYPE SP 9.5 STRUCTURAL COURSE FOR LEVELING (TRAFFIC B) (1.0")

PAVEMENT REPLACEMENT

OPTIONAL BASE GROUP 6 (8") (AS NEEDED)
 1 LAYER OF TENSAR GLASGRID CG SYSTEM ON LIMEROCK SURFACE AFTER PRIME COAT
 TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B) (1.0")
 TYPE SP 9.5 STRUCTURAL COURSE FOR LEVELING (TRAFFIC B) (1.0")

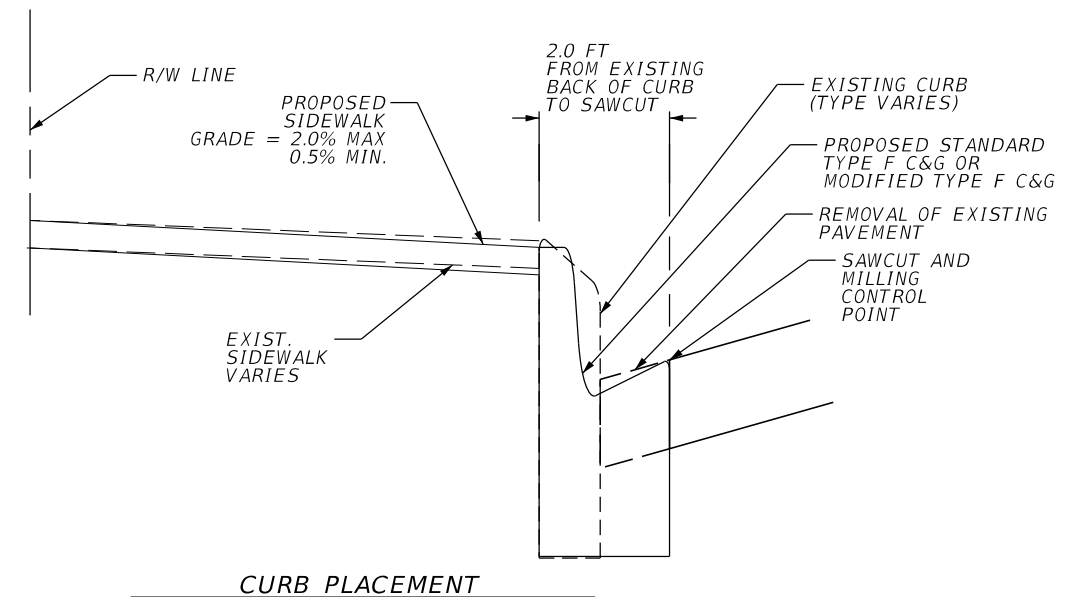
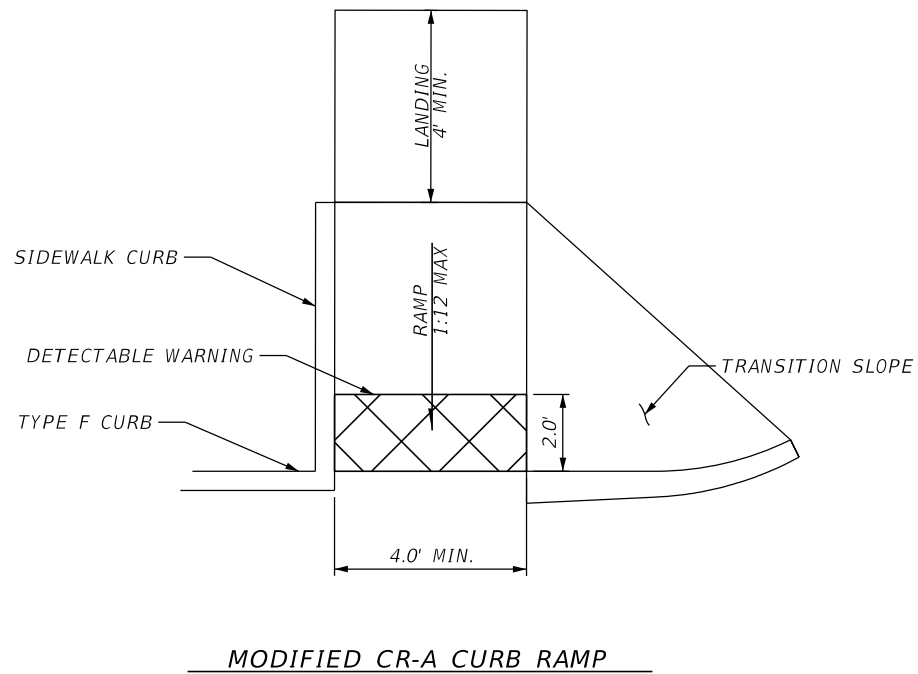
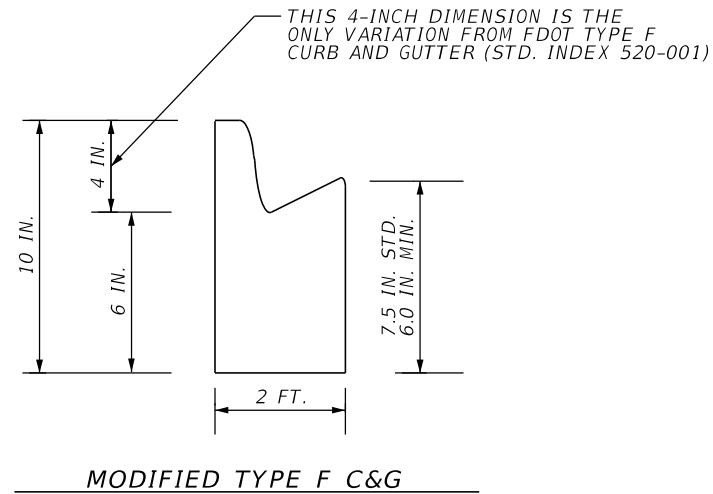
TYPICAL SECTION NOTES

1. THE TYPICAL SECTIONS SHOWN MAY NOT BE REPRESENTATIVE OF THE ACTUAL CONDITIONS AT ALL LOCATIONS ON THE PROJECT. VARIABLE CONDITIONS SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR MAY ENCOUNTER ISOLATED AREAS OF ASPHALT LESS THAN THE MILLING DEPTH. IN THESE LOCATIONS THE CONTRACTOR SHALL MILL TO THE SURFACE OF THE BASE AND RESURFACE TO MAINTAIN POSITIVE DRAINAGE.
3. EXISTING GRANITE CURB TO BE REMOVED AND PRESERVED AS INDICATED ON GENERAL NOTES.
4. LIMEROCK MAY BE ENCOUNTERED DURING MILLING.

REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202	 TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION			
					TYPICAL SECTION (2)	

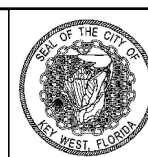
CROSS SLOPE OF PROPOSED SIDEWALK SHALL BE 0.5% MIN. AND 2.0% MAX. THE CONTRACTOR MAY MODIFY THE VERTICAL HEIGHT OF THE CURB AS SHOWN IN "MODIFIED TYPE F C&G" AND "MODIFIED TYPE D CURB" TO ENSURE POSITIVE DRAINAGE TOWARD THE GUTTER.

GENERALLY THE CONTRACTOR SHALL MATCH EXISTING GROUND ELEVATIONS AT THE BACK OF SIDEWALK. WITH APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY COORDINATE WITH THE ADJACENT PROPERTY OWNER TO MAKE ADJUSTMENTS TO HARMONIZE AT OR BEYOND THE R/W LINE.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

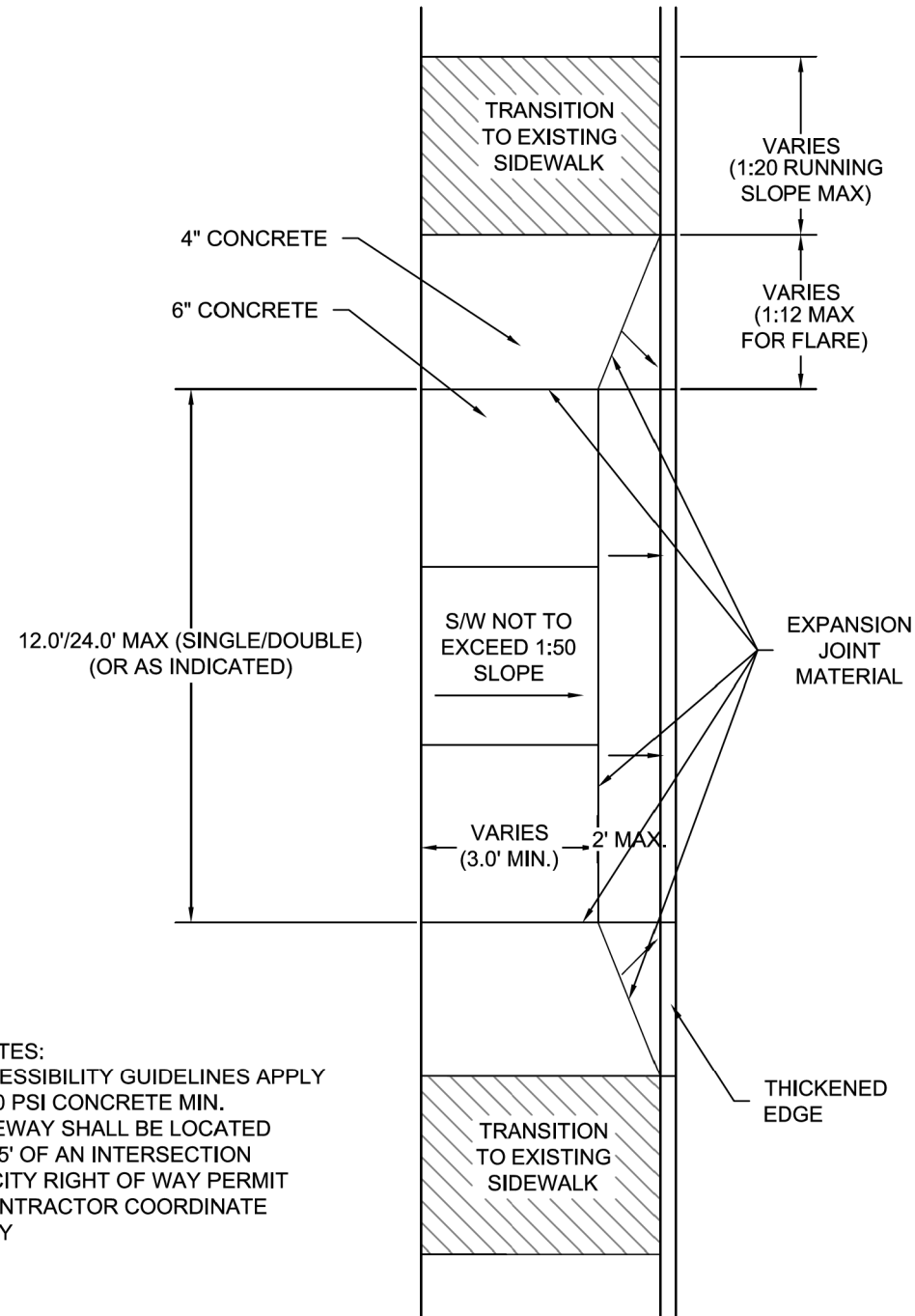
KAREN E. FALKENBERRY, P.E.
P.E. LICENSE NUMBER 54015
JACOBS ENGINEERING GROUP, INC.
200 W. FORSYTH ST., STE 1520
JACKSONVILLE, FL 32202



TASK ORDER 9-22
PROJECT:
SOUTH STREET IMPROVEMENTS

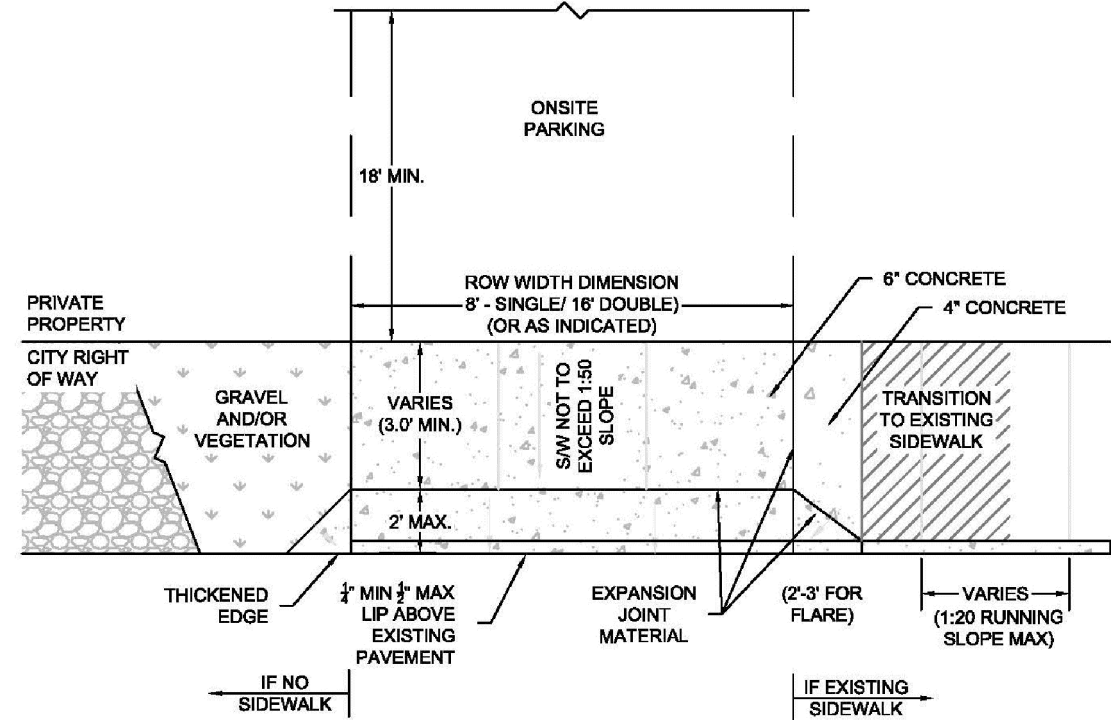
DETAILS (1)

SHEET NO.
8



- GENERAL NOTES:**
- ADA ACCESSIBILITY GUIDELINES APPLY
 - USE 3,000 PSI CONCRETE MIN.
 - NO DRIVEWAY SHALL BE LOCATED WITHIN 25' OF AN INTERSECTION
 - OBTAIN CITY RIGHT OF WAY PERMIT
 - HAVE CONTRACTOR COORDINATE WITH CITY


DRIVEWAY APRON - COMMERCIAL

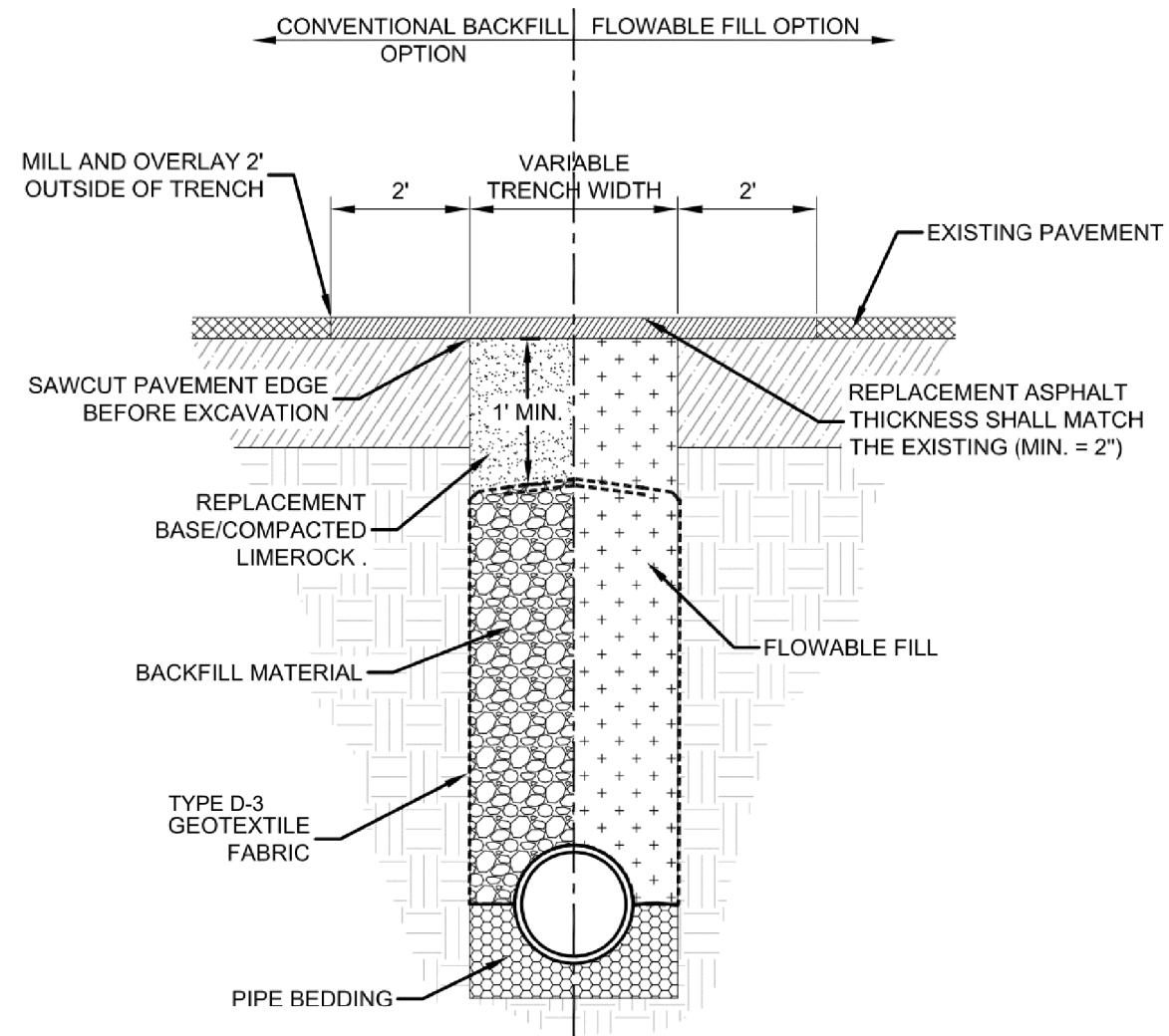


- GENERAL NOTES:**
- ADA ACCESSIBILITY GUIDELINES APPLY
 - PROPERTY SURVEY MUST ACCOMPANY ROW PERMIT APPLICATION
 - USE 3,000 PSI CONCRETE MIN.
 - NO DRIVEWAY SHALL BE LOCATED WITHIN 25' OF AN INTERSECTION
 - ONSITE PARKING SPACE IS REQUIRED TO BE 18' LONG (MIN.) MEASURED FROM THE PROPERTY LINE
 - CONTRACTOR MUST COMPLY WITH TYPICAL CITY DESIGNS
 - CITY RETAINS THE RIGHT TO MODIFY DESIGN BASED ON FIELD CONDITIONS

- CONSTRUCTION REQUIREMENTS (IF APPLICABLE):**
- CURB PAINT
 - UTILITY ADJUSTMENT OR RELOCATION
 - ROADWAY RESTRIPING REWORK
 - ASPHALT RESTORATION
 - PLANTER RESTORATION
- OWNER RESPONSIBILITIES:**
- WILL VERIFY 18' ONSITE DRIVEWAY DEPTH REQUIREMENT
 - COMPLY WITH CITY LOT PERVIOUS REQUIREMENTS
 - OBTAIN HARC APPROVAL (IF LOCATED IN OLD TOWN)
 - OBTAIN CITY RIGHT OF WAY PERMIT
 - HAVE CONTRACTOR COORDINATE WITH CITY

DRIVEWAY APRON - RESIDENTIAL


REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202		TASK ORDER 9-22	PROJECT: SOUTH STREET IMPROVEMENTS	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION					



ASPHALT UTILITY TRENCH

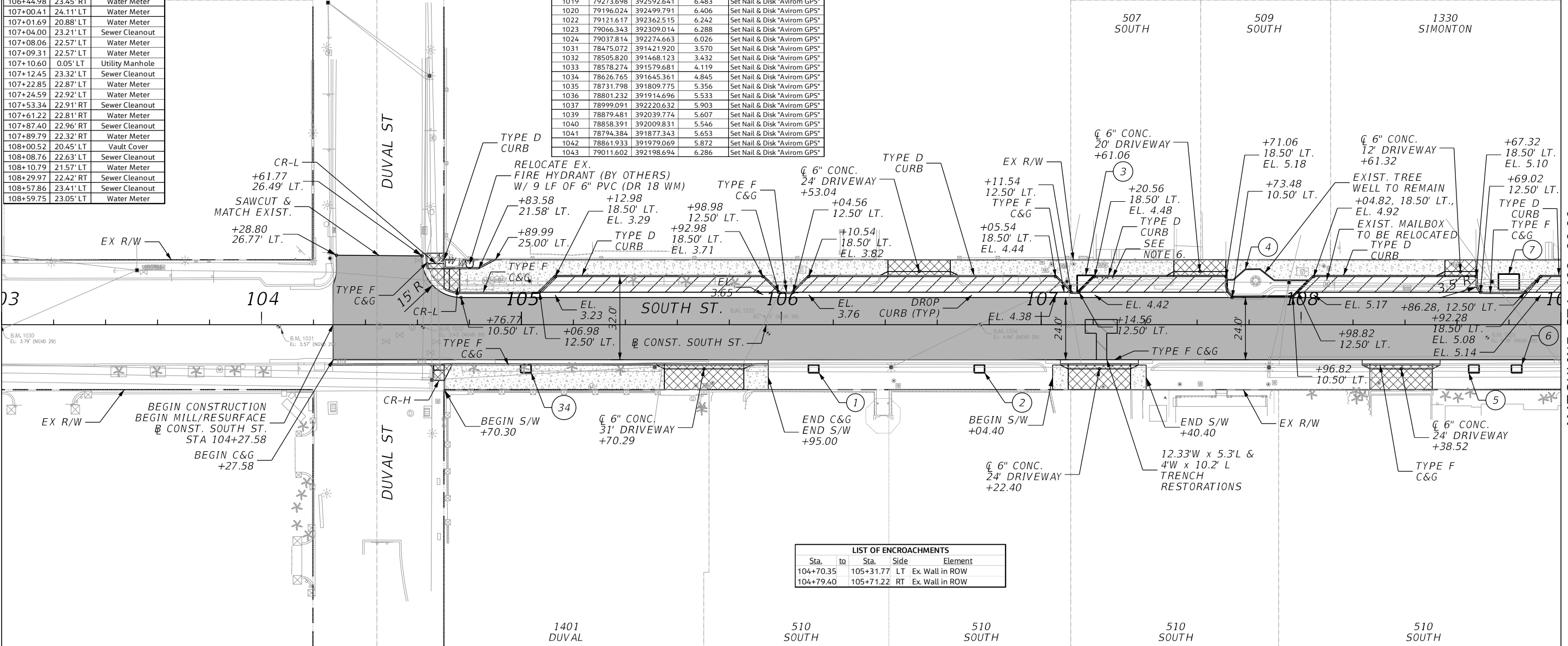
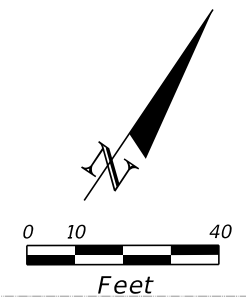
1. BACKFILL MATERIAL SHALL CONSIST OF #57 STONE, FLOWABLE FILL, OR OTHER APPROVED BACKFILL MATERIAL. IF FLOWABLE FILL IS USED IT SHALL HAVE A MINIMUM RATING OF 500 PSI.
2. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% STANDARD PROCTOR AND SHALL GENERALLY BE COMPACTED IN 6" LIFTS WITH A VIBRATORY COMPACTOR.
3. ALL TRENCH RESTORATION WORK SHALL COMPLY WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS FOR TRENCH CUTS AND RESTORATIONS ACROSS ROADWAYS (INDEX 125-001)
4. THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION SHALL APPLY FOR ALL RESTORATION WORK.
5. ADJUST ALL EXISTING METER BOXES AND MANHOLE RINGS IMPACTED BY CONSTRUCTION.

TRENCH RECONSTRUCTION

REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST, STE 1520 JACKSONVILLE, FL 32202		TASK ORDER 9-22	<i>DETAILS (3)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			PROJECT: SOUTH STREET IMPROVEMENTS		10

Station	Offset	Utility
104+45.22	0.40' RT	Sewer Manhole
104+47.95	6.47' RT	Water Valve
104+53.14	3.96' RT	Water Valve
104+58.05	0.91' RT	Utility Manhole
104+60.40	24.80' LT	Water Valve
104+65.06	10.73' RT	Water Valve
104+67.34	6.53' RT	Water Valve
105+67.19	23.34' RT	Sewer Cleanout
105+70.82	23.42' RT	Water Meter
105+72.03	23.61' RT	Water Meter
105+73.61	22.34' RT	Sewer Cleanout
105+87.56	20.20' LT	Sewer Cleanout
106+07.53	21.22' LT	Vault Cover
106+43.30	21.50' RT	Water Meter
106+44.98	23.45' RT	Water Meter
107+00.41	24.11' LT	Water Meter
107+01.69	20.88' LT	Water Meter
107+04.00	23.21' LT	Sewer Cleanout
107+08.06	22.57' LT	Water Meter
107+09.31	22.57' LT	Water Meter
107+10.60	0.05' LT	Utility Manhole
107+12.45	23.32' LT	Sewer Cleanout
107+22.85	22.87' LT	Water Meter
107+24.59	22.92' LT	Water Meter
107+53.34	22.91' RT	Sewer Cleanout
107+61.22	22.81' RT	Water Meter
107+87.40	22.96' RT	Sewer Cleanout
107+89.79	22.32' RT	Water Meter
108+00.52	20.45' LT	Vault Cover
108+08.76	22.63' LT	Sewer Cleanout
108+10.79	21.57' LT	Water Meter
108+29.97	22.42' RT	Sewer Cleanout
108+57.86	23.41' LT	Sewer Cleanout
108+59.75	23.05' LT	Water Meter

BENCH MARK LIST				
Bench Mark No.	Northing (NAD 83)	Easting (NAD 83)	Elevation (NGVD 1929)	Description of Mark
1001	79982.074	392880.633	9.465	Set Nail & Disk "Avirom GPS"
1003	79910.828	392952.217	8.757	Set Nail & Disk "Avirom GPS"
1004	79834.462	393011.358	7.525	Set Nail & Disk "Avirom GPS"
1005	79710.489	393065.038	6.197	Set Nail & Disk "Avirom GPS"
1006	79630.339	393109.125	5.520	Set Nail & Disk "Avirom GPS"
1007	79628.556	393154.526	5.686	Set Nail & Disk "Avirom GPS"
1008	79674.067	393177.19	5.869	Set Nail & Disk "Avirom GPS"
1013	79581.524	393036.078	5.648	Set Nail & Disk "Avirom GPS"
1014	79509.313	392938.287	5.995	Set Nail & Disk "Avirom GPS"
1015	79474.829	392889.098	6.059	Set Nail & Disk "Avirom GPS"
1016	79412.803	392798.018	6.256	Set Nail & Disk "Avirom GPS"
1017	79369.009	392735.022	6.406	Set Nail & Disk "Avirom GPS"
1018	79312.442	392675.173	6.322	Set Nail & Disk "Avirom GPS"
1019	79273.698	392592.641	6.483	Set Nail & Disk "Avirom GPS"
1020	79196.024	392499.791	6.406	Set Nail & Disk "Avirom GPS"
1022	79121.617	392362.515	6.242	Set Nail & Disk "Avirom GPS"
1023	79066.343	392309.014	6.288	Set Nail & Disk "Avirom GPS"
1024	79037.814	392274.663	6.026	Set Nail & Disk "Avirom GPS"
1031	78475.072	391421.920	3.570	Set Nail & Disk "Avirom GPS"
1032	78505.820	391468.123	3.432	Set Nail & Disk "Avirom GPS"
1033	78578.274	391579.681	4.119	Set Nail & Disk "Avirom GPS"
1034	78626.765	391645.361	4.845	Set Nail & Disk "Avirom GPS"
1035	78731.798	391809.775	5.356	Set Nail & Disk "Avirom GPS"
1036	78801.232	391914.696	5.533	Set Nail & Disk "Avirom GPS"
1037	78999.091	392220.632	5.903	Set Nail & Disk "Avirom GPS"
1039	78879.481	392039.774	5.607	Set Nail & Disk "Avirom GPS"
1040	78858.391	392009.831	5.546	Set Nail & Disk "Avirom GPS"
1041	78794.384	391877.343	5.653	Set Nail & Disk "Avirom GPS"
1042	78861.933	391979.069	5.872	Set Nail & Disk "Avirom GPS"
1043	79011.602	392198.694	6.286	Set Nail & Disk "Avirom GPS"



LIST OF ENCROACHMENTS				
Sta.	to	Sta.	Side	Element
104+70.35		105+31.77	LT	Ex. Wall in ROW
104+79.40		105+71.22	RT	Ex. Wall in ROW

LEGEND	
	TRENCH RESTORATION
	MILLING AND RESURFACING
	PAVEMENT WIDENING
	4" CONCRETE SIDEWALK
	6" CONC. CURB RAMP / DRIVEWAY
	TREE WELL: 7'X10', 6'X8', OR 4'X3' (TYP.)

- NOTES:
- FOR CURB RAMP DETAILS, REFER TO FDOT STANDARD INDEX NO. 522-002
 - FOR SIDEWALK THICKNESS IN CURB RETURN, REFER TO FDOT STANDARD INDEX. NO. 522-001
 - FOR DRIVEWAY DETAILS, SEE DRIVEWAY PROFILE SHEETS.
 - FOR DRAINAGE DESIGN, SEE DRAINAGE PLAN SHEETS 17-20.
 - TREE WELLS ARE NUMBERED WITH CIRCLED CALLOUTS.
 - INSTALL 4 MADRAX BOLLARD BIKE RACKS, PRODUCT: B0L450-2-SF(1G) BY GRABER MANUFACTURING, INC.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
 P.E. LICENSE NUMBER 54015
 JACOBS ENGINEERING GROUP, INC.
 200 W. FORSYTH ST., STE 1520
 JACKSONVILLE, FL 32202

TASK ORDER 9-22

PROJECT:
SOUTH STREET IMPROVEMENTS



ROADWAY PLAN (1)

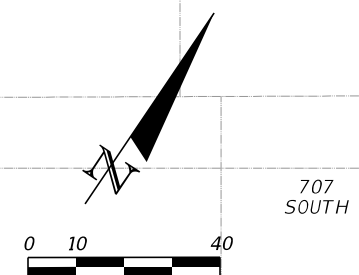
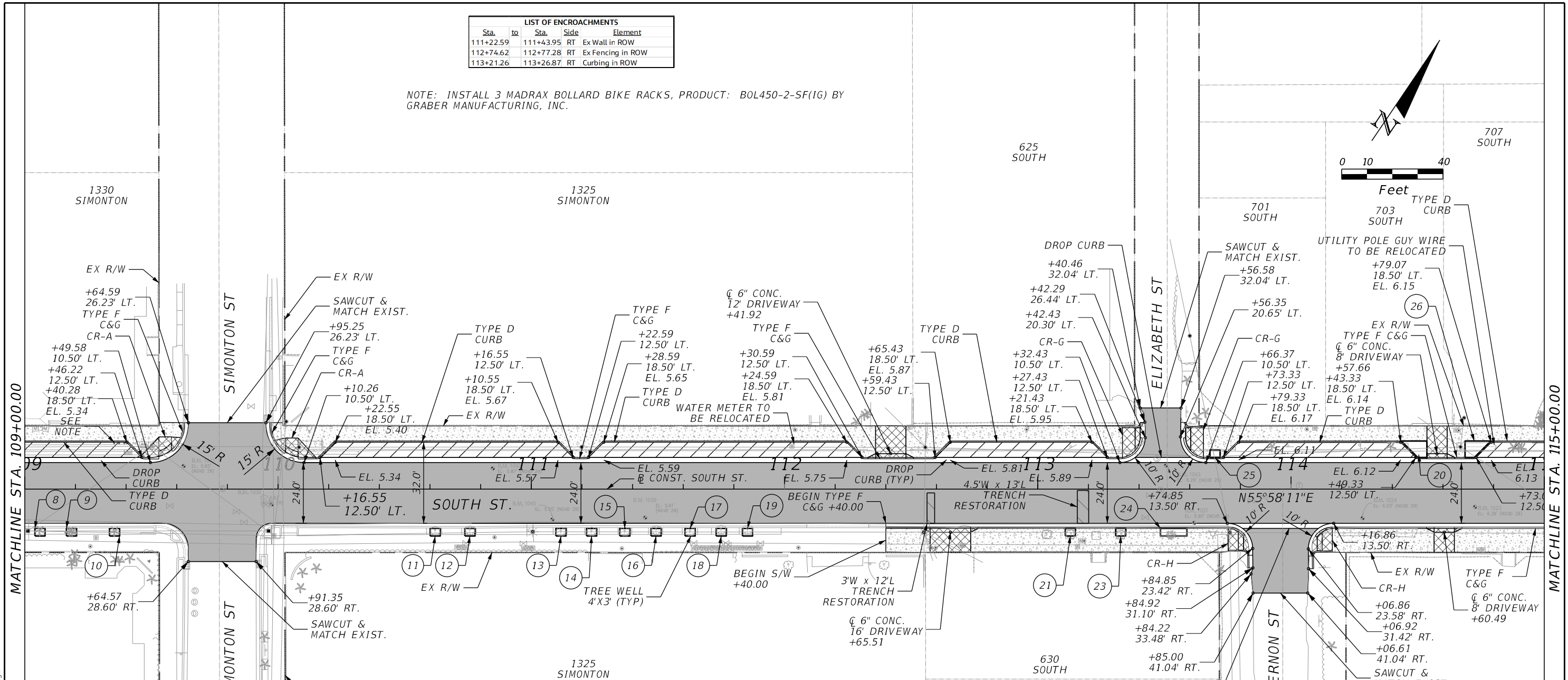
SHEET NO.
11

2/2/2024 10:22:35 AM Karen.Falkenberry@jacobs.com c:\users\kfalkenb\appdata\local\bentley\projectwise\jacobs-americas-01\dms89931\PLANRD01.dgn

MATCHLINE STA. 109+00.00 THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23-.004, F.A.C.

LIST OF ENCROACHMENTS				
Sta.	to	Sta.	Side	Element
111+22.59		111+43.95	RT	Ex Wall in ROW
112+74.62		112+77.28	RT	Ex Fencing in ROW
113+21.26		113+26.87	RT	Curbing in ROW

NOTE: INSTALL 3 MADRAX BOLLARD BIKE RACKS, PRODUCT: BOL450-2-SF(IG) BY GRABER MANUFACTURING, INC.



MATCHLINE STA. 109+00.00

MATCHLINE STA. 115+00.00

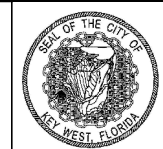
UTILITY ADJUSTMENT TABLE								
Station	Offset	Utility	Station	Offset	Utility	Station	Offset	Utility
109+25.87	22.60' RT	Sewer Cleanout	111+69.23	23.23' RT	Water Meter	112+49.15	24.43' LT	Water Valve
109+28.14	19.21' RT	Water Meter	111+70.51	23.18' RT	Water Meter	112+57.81	23.23' RT	Sewer Cleanout
109+57.26	6.57' RT	Water Valve	111+71.66	23.15' RT	Water Meter	112+59.69	23.13' RT	Sewer Cleanout
109+78.17	0.20' LT	Sewer Manhole	111+72.90	23.16' RT	Water Meter	112+69.60	22.13' RT	Water Valve
109+83.65	8.93' RT	Water Valve	111+74.19	23.15' RT	Water Meter	112+70.54	22.19' RT	Water Valve
109+86.51	13.04' RT	Water Valve	111+75.40	23.18' RT	Water Meter	112+95.62	23.58' LT	Sewer Cleanout
109+95.20	6.28' RT	Water Valve	111+76.78	21.21' RT	Water Valve	113+15.69	22.71' RT	Water Meter
110+70.64	22.88' RT	Water Meter	111+76.79	23.18' RT	Water Meter	113+16.90	20.43' RT	Water Meter
110+71.79	22.91' RT	Water Meter	111+77.63	21.94' RT	Water Valve	113+18.32	20.46' RT	Sewer Cleanout
110+73.01	22.96' RT	Water Meter	111+78.21	23.10' RT	Water Meter	113+42.48	11.17' RT	Water Valve
110+74.26	21.24' RT	Water Valve	111+79.50	23.19' RT	Water Meter	113+44.22	2.38' RT	Water Valve
110+74.29	22.94' RT	Water Meter	111+80.74	23.20' RT	Water Meter	113+47.10	12.09' LT	Sewer Manhole
110+85.52	19.03' RT	Sewer Cleanout	111+81.92	23.21' RT	Water Meter	113+48.46	0.40' RT	Sewer Manhole
110+96.90	21.46' RT	Water Valve	111+83.17	23.18' RT	Water Meter	113+51.09	2.72' RT	Water Valve
110+96.95	23.30' RT	Water Meter	111+84.35	23.27' RT	Water Meter	113+84.29	4.62' RT	Water Valve
110+98.24	23.25' RT	Water Meter	111+85.69	23.27' RT	Water Meter	113+89.25	3.31' RT	Water Valve
110+99.44	23.30' RT	Water Meter	111+86.80	23.26' RT	Water Meter	114+03.29	1.44' LT	Telephone Manhole
111+00.61	23.26' RT	Water Meter	111+87.97	23.25' RT	Water Meter	114+06.22	23.67' LT	Sewer Cleanout
111+35.77	23.44' RT	Sewer Cleanout	111+89.09	23.27' RT	Water Meter	114+09.37	24.10' LT	Water Meter
111+64.05	23.18' RT	Water Meter	111+90.37	23.25' RT	Water Meter	114+65.10	23.34' LT	Water Meter
111+64.13	21.31' RT	Water Valve	111+90.44	21.41' RT	Water Valve	114+66.24	23.15' LT	Sewer Cleanout
111+65.34	23.18' RT	Water Meter	112+02.92	17.01' LT	Water Valve	114+74.12	23.93' RT	Water Meter
111+66.64	23.17' RT	Water Meter	112+04.24	23.42' LT	Sewer Cleanout	114+75.84	23.94' RT	Water Meter
111+67.93	23.19' RT	Water Meter	112+05.48	23.13' RT	Sewer Cleanout			

LEGEND

- TRENCH RESTORATION
- MILLING AND RESURFACING
- PAVEMENT WIDENING
- 4" CONCRETE SIDEWALK
- 6" CONC. CURB RAMP / DRIVEWAY
- TREE WELL: 7'X10', 6'X8', OR 4'X3' (TYP.)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
 P.E. LICENSE NUMBER 54015
 JACOBS ENGINEERING GROUP, INC.
 200 W. FORSYTH ST., STE 1520
 JACKSONVILLE, FL 32202



TASK ORDER 9-22

PROJECT:
SOUTH STREET IMPROVEMENTS

ROADWAY PLAN (2)

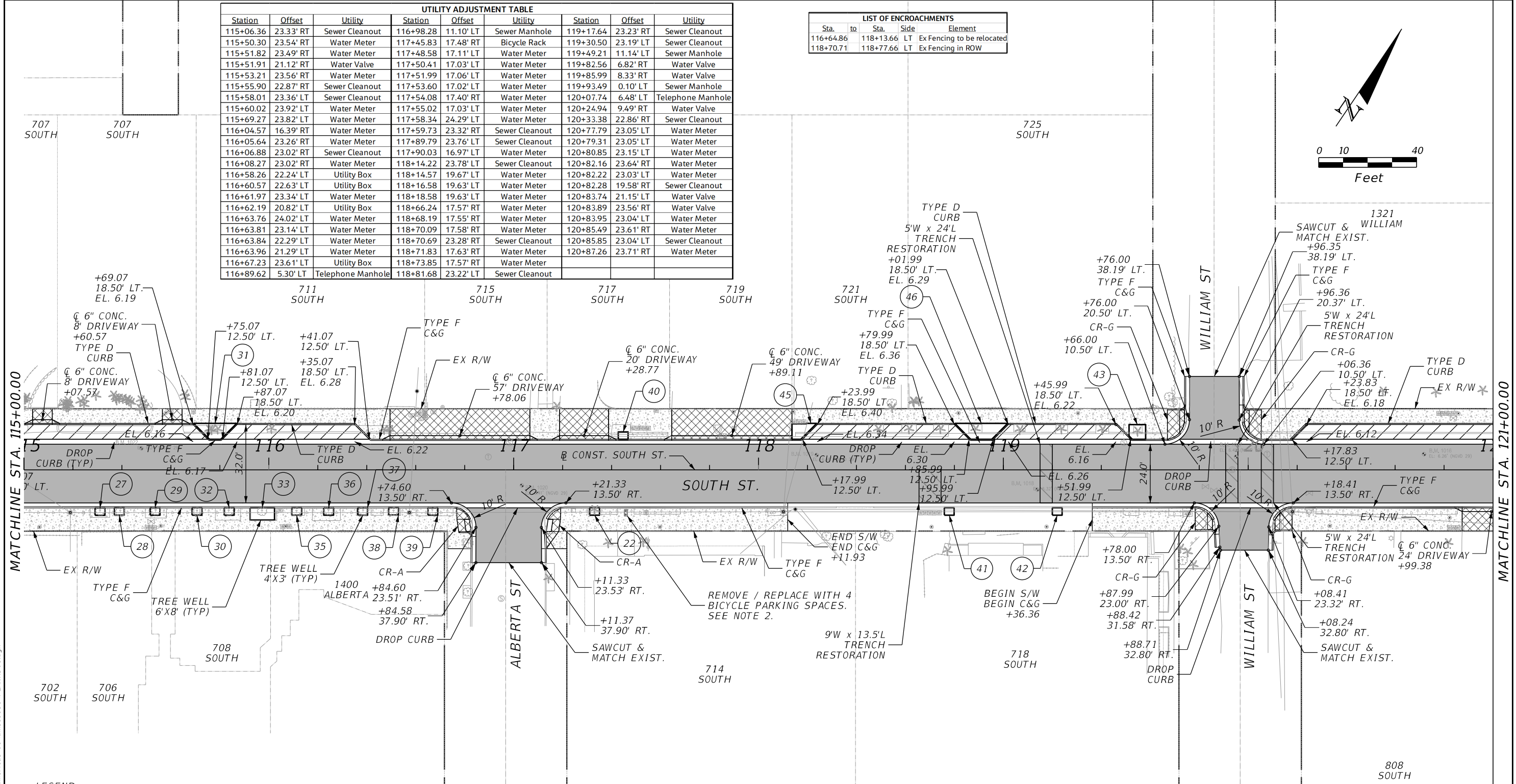
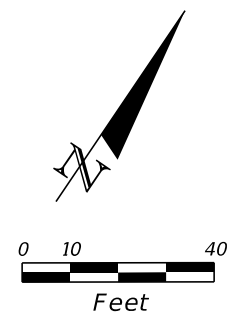
SHEET NO.
12

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UTILITY ADJUSTMENT TABLE								
Station	Offset	Utility	Station	Offset	Utility	Station	Offset	Utility
115+06.36	23.33' RT	Sewer Cleanout	116+98.28	11.10' LT	Sewer Manhole	119+17.64	23.23' RT	Sewer Cleanout
115+50.30	23.54' RT	Water Meter	117+45.83	17.48' RT	Bicycle Rack	119+30.50	23.19' LT	Sewer Cleanout
115+51.82	23.49' RT	Water Meter	117+48.58	17.11' LT	Water Meter	119+49.21	11.14' LT	Sewer Manhole
115+51.91	21.12' RT	Water Valve	117+50.41	17.03' LT	Water Meter	119+82.56	6.82' RT	Water Valve
115+53.21	23.56' RT	Water Meter	117+51.99	17.06' LT	Water Meter	119+85.99	8.33' RT	Water Valve
115+55.90	22.87' RT	Sewer Cleanout	117+53.60	17.02' LT	Water Meter	119+93.49	0.10' LT	Sewer Manhole
115+58.01	23.36' LT	Sewer Cleanout	117+54.08	17.40' RT	Water Meter	120+07.74	6.48' LT	Telephone Manhole
115+60.02	23.92' LT	Water Meter	117+55.02	17.03' LT	Water Meter	120+24.94	9.49' RT	Water Valve
115+69.27	23.82' LT	Water Meter	117+58.34	24.29' LT	Water Meter	120+33.38	22.86' RT	Sewer Cleanout
116+04.57	16.39' RT	Water Meter	117+59.73	23.32' RT	Sewer Cleanout	120+77.79	23.05' LT	Water Meter
116+05.64	23.26' RT	Water Meter	117+89.79	23.76' LT	Sewer Cleanout	120+79.31	23.05' LT	Water Meter
116+06.88	23.02' RT	Sewer Cleanout	117+90.03	16.97' LT	Water Meter	120+80.85	23.15' LT	Water Meter
116+08.27	23.02' RT	Water Meter	118+14.22	23.78' LT	Sewer Cleanout	120+82.16	23.64' RT	Water Meter
116+58.26	22.24' LT	Utility Box	118+14.57	19.67' LT	Water Meter	120+82.22	23.03' LT	Water Meter
116+60.57	22.63' LT	Utility Box	118+16.58	19.63' LT	Water Meter	120+82.28	19.58' RT	Sewer Cleanout
116+61.97	23.34' LT	Water Meter	118+18.58	19.63' LT	Water Meter	120+83.74	21.15' LT	Water Valve
116+62.19	20.82' LT	Utility Box	118+66.24	17.57' RT	Water Meter	120+83.89	23.56' RT	Water Valve
116+63.76	24.02' LT	Water Meter	118+68.19	17.55' RT	Water Meter	120+83.95	23.04' LT	Water Meter
116+63.81	23.14' LT	Water Meter	118+70.09	17.58' RT	Water Meter	120+85.49	23.61' RT	Water Meter
116+63.84	22.29' LT	Water Meter	118+70.69	23.28' RT	Sewer Cleanout	120+85.85	23.04' LT	Sewer Cleanout
116+63.96	21.29' LT	Water Meter	118+71.83	17.63' RT	Water Meter	120+87.26	23.71' RT	Water Meter
116+67.23	23.61' LT	Utility Box	118+73.85	17.57' RT	Water Meter			
116+89.62	5.30' LT	Telephone Manhole	118+81.68	23.22' LT	Sewer Cleanout			

LIST OF ENCROACHMENTS				
Sta.	to	Sta.	Side	Element
116+64.86		118+13.66	LT	Ex Fencing to be relocated
118+70.71		118+77.66	LT	Ex Fencing in ROW



LEGEND

	TRENCH RESTORATION
	MILLING AND RESURFACING
	PAVEMENT WIDENING
	4" CONCRETE SIDEWALK
	6" CONC. CURB RAMP / DRIVEWAY
	TREE WELL: 7'X10', 6'X8', OR 4'X3' (TYP.)

NOTES:

- CITY OF KEY WEST TO COORDINATE WITH PROPERTY OWNER AT 715, 717 & 719 SOUTH ST. TO RELOCATE FENCING BACK A MINIMUM OF 2 FT.
- INSTALL 2 MADRAX BOLLARD BIKE RACKS, PRODUCT: BOL450-2-SF(1G) BY GRABER MANUFACTURING, INC.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
 P.E. LICENSE NUMBER 54015
 JACOBS ENGINEERING GROUP, INC.
 200 W. FORSYTH ST., STE 1520
 JACKSONVILLE, FL 32202



TASK ORDER 9-22

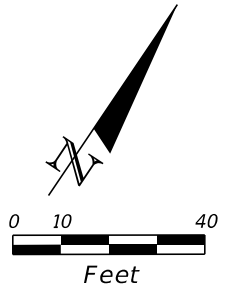
PROJECT:
 SOUTH STREET IMPROVEMENTS

ROADWAY PLAN (3)

SHEET NO.
 13

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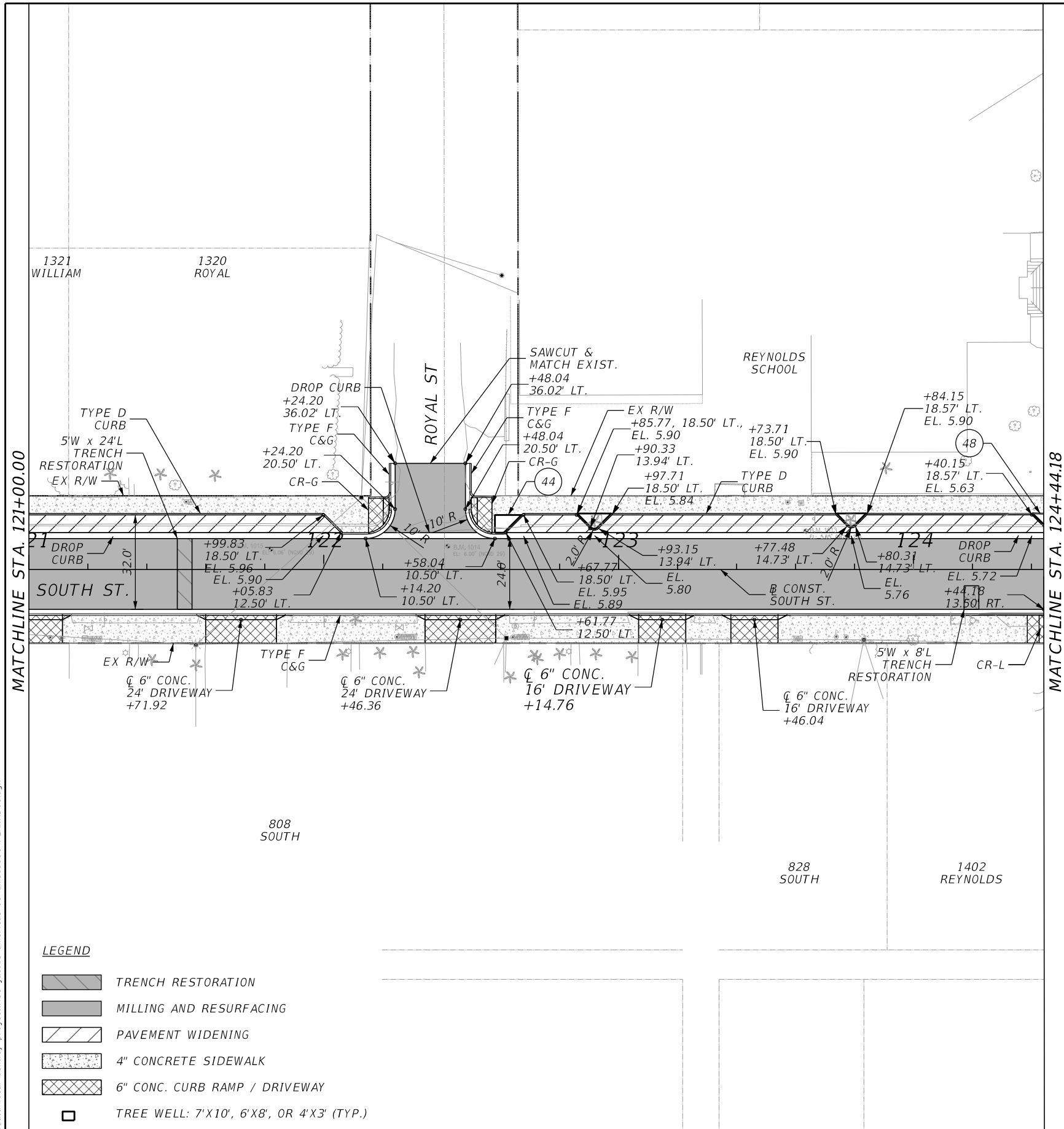
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LIST OF ENCROACHMENTS				
Sta.	to	Sta.	Side	Element
302+32.95		302+79.78	RT	Ex Fencing in ROW
303+26.09		303+65.65	RT	Ex Fencing in ROW
304+58.09		304+95.43	RT	Ex Fencing in ROW
304+98.42		305+07.16	RT	Ex Fencing in ROW
305+31.79		305+53.94	LT	Ex Bldg in ROW
305+53.44		305+56.11	RT	Ex Pavers in ROW
305+67.37		305+68.07	LT	Ex Wall in ROW
305+67.36		306+32.16	LT	Ex Fencing in ROW
305+97.55		306+04.13	LT	Ex Gate in ROW

UTILITY ADJUSTMENT TABLE					
Station	Offset	Utility	Station	Offset	Utility
121+07.27	23.01' RT	Sewer Cleanout	122+65.46	22.89' RT	Water Meter
121+10.93	23.23' RT	Sewer Cleanout	122+66.64	22.87' RT	Water Meter
121+19.07	23.30' RT	Water Meter	122+67.76	22.83' RT	Water Meter
121+20.22	19.84' RT	Sewer Valve	122+68.90	22.89' RT	Water Meter
121+20.78	23.50' RT	Water Meter	122+30.49	2.68' RT	Water Valve
121+22.22	23.52' RT	Water Meter	122+36.43	0.18' LT	Sewer Manhole
121+23.91	23.53' RT	Water Meter	123+57.35	22.82' LT	Sewer Cleanout
121+53.36	23.01' LT	Sewer Cleanout	123+60.23	23.44' RT	Water Meter
121+54.83	22.89' LT	Water Meter	123+61.55	23.47' RT	Water Meter
122+24.80	22.84' RT	Sewer Cleanout	123+61.89	22.57' LT	Water Meter
122+25.66	19.64' RT	Water Valve	123+73.82	22.80' RT	Sewer Cleanout
122+26.02	22.80' RT	Water Meter	124+19.65	9.58' RT	Water Valve
122+27.16	22.84' RT	Water Meter	124+58.41	8.76' RT	Water Valve
122+28.36	22.82' RT	Water Meter	124+61.49	5.96' RT	Water Valve
122+29.50	22.81' RT	Water Meter	124+63.68	12.06' RT	Water Valve
122+30.64	22.74' RT	Water Meter	124+66.66	9.18' RT	Water Valve
122+64.11	22.95' RT	Sewer Cleanout	124+69.87	0.29' LT	Sewer Manhole
122+64.97	19.18' RT	Utility Box			

UTILITY ADJUSTMENT TABLE (REYNOLDS ST)		
Station	Offset	Utility
303+02.20	23.05' RT	Sewer Valve
303+17.99	22.75' RT	Water Meter
303+25.11	23.73' LT	Sewer Valve
303+40.87	21.95' RT	Sewer Valve
303+87.97	23.41' RT	Sewer Valve
303+89.54	23.61' RT	Water Meter
304+28.81	9.56' RT	Water Valve
304+32.81	23.82' LT	Sewer Valve
304+33.75	38.47' RT	Sewer Manhole
304+34.00	23.76' LT	Water Meter
304+41.86	24.26' LT	Sewer Valve
304+43.09	12.11' LT	Telephone Manhole
304+75.31	24.31' LT	Water Meter
305+04.12	22.52' RT	Water Meter
305+05.58	22.52' RT	Sewer Valve
305+18.29	22.87' RT	Sewer Valve
305+28.38	20.95' LT	Water Meter
305+29.51	20.92' LT	Sewer Valve
305+30.80	20.79' LT	Sewer Valve
305+31.95	20.76' LT	Water Meter
305+72.23	22.66' RT	Water Meter
305+73.95	22.77' RT	Water Meter
305+75.89	22.93' RT	Sewer Valve
306+05.23	1.27' LT	Sewer Manhole



- LEGEND**
- TRENCH RESTORATION
 - MILLING AND RESURFACING
 - PAVEMENT WIDENING
 - 4" CONCRETE SIDEWALK
 - 6" CONC. CURB RAMP / DRIVEWAY
 - TREE WELL: 7'X10', 6'X8', OR 4'X3' (TYP.)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
 P.E. LICENSE NUMBER 54015
 JACOBS ENGINEERING GROUP, INC.
 200 W. FORSYTH ST., STE 1520
 JACKSONVILLE, FL 32202



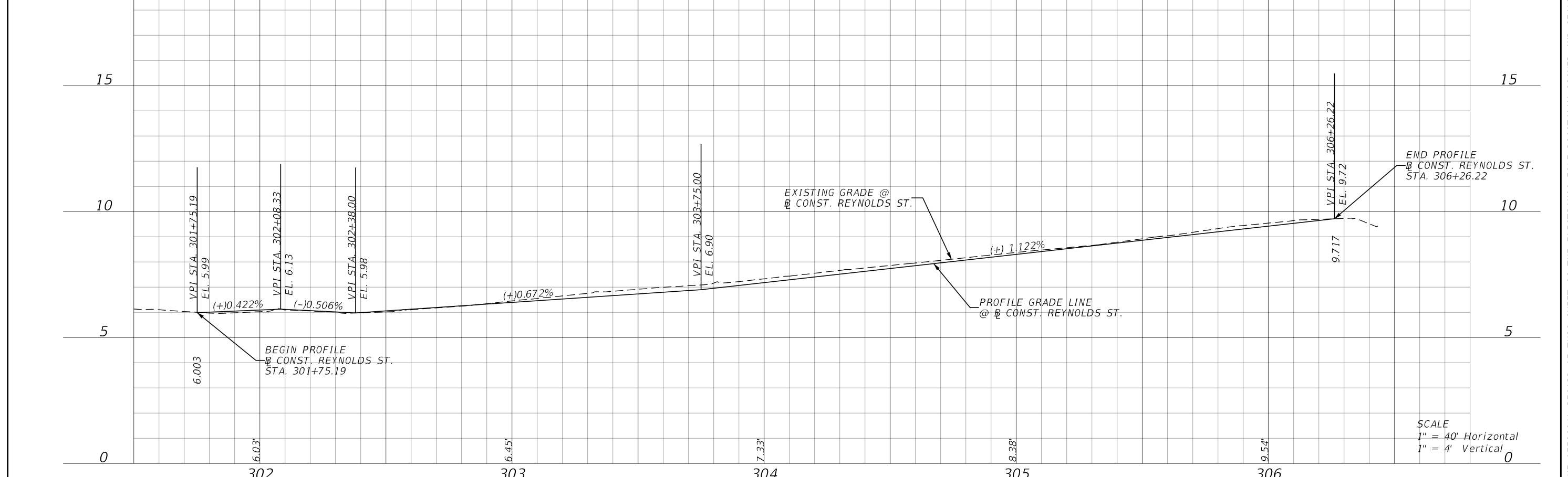
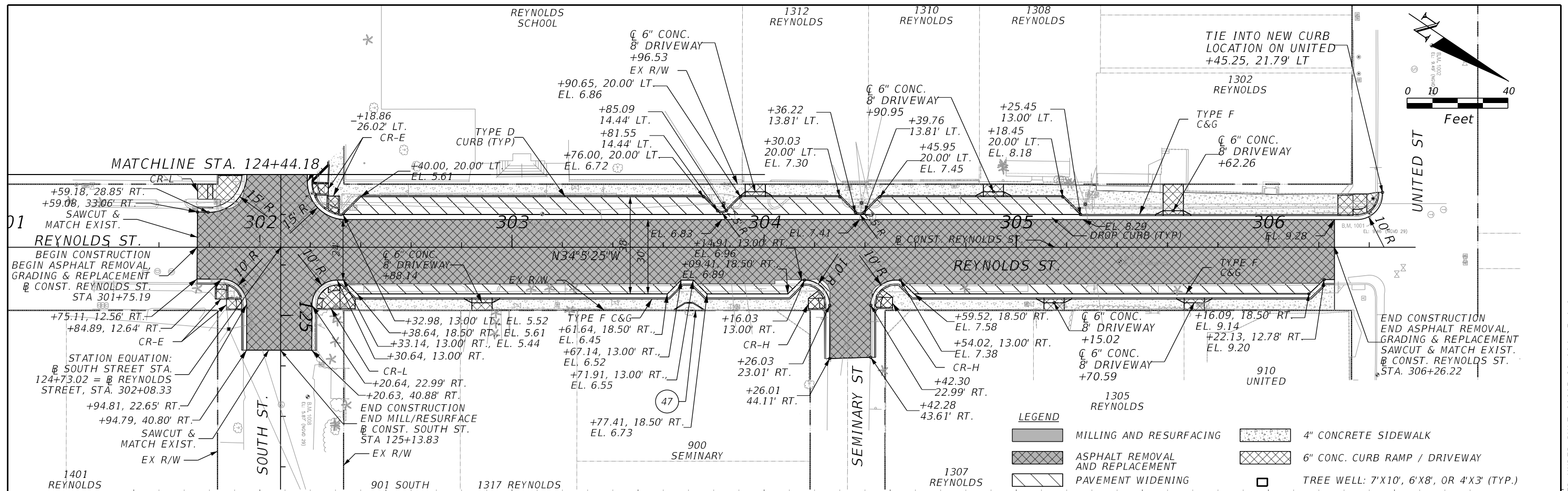
TASK ORDER 9-22
 PROJECT:
 SOUTH STREET IMPROVEMENTS


ROADWAY PLAN (4)

SHEET NO.
 14

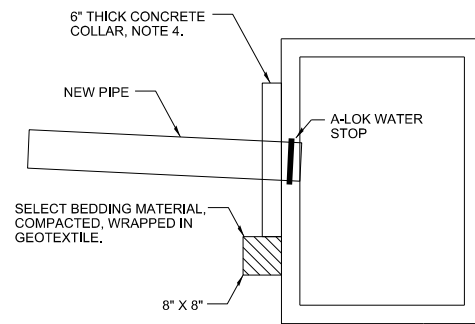
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REVISIONS				KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202	 TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	ROADWAY PLAN & PROFILE		SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION					

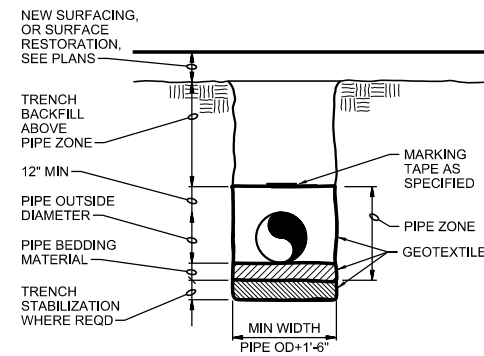
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- NOTES:
1. ALTERNATIVE WHEN CORING IS NOT FEASIBLE.
 2. A-LOK WATER STOP, OR APPROVED ALTERNATIVE.
 3. ALL GAPS IN BOX ARE TO BE GROUTED PRIOR TO COLLAR INSTALLATION.
 4. COLLAR IS TO COVER CUTS BY 8" MIN.

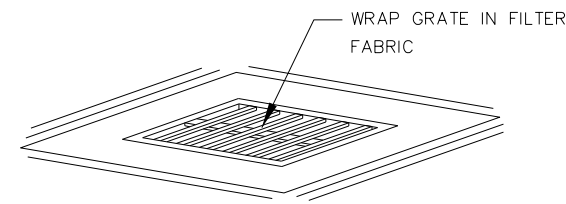
A. ALTERNATIVE BOOT INSTALLATION

NTS



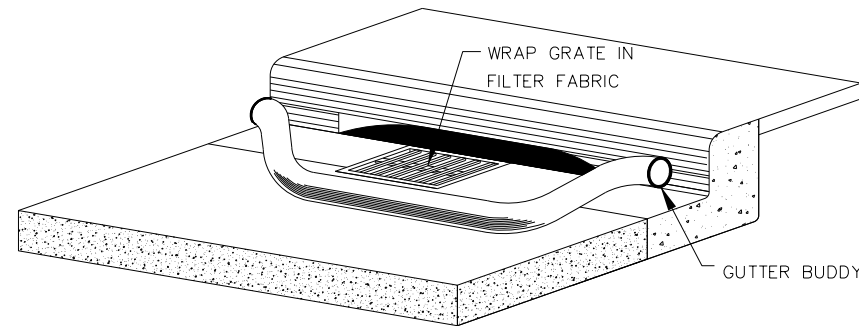
B. TYPICAL TRENCH

NTS



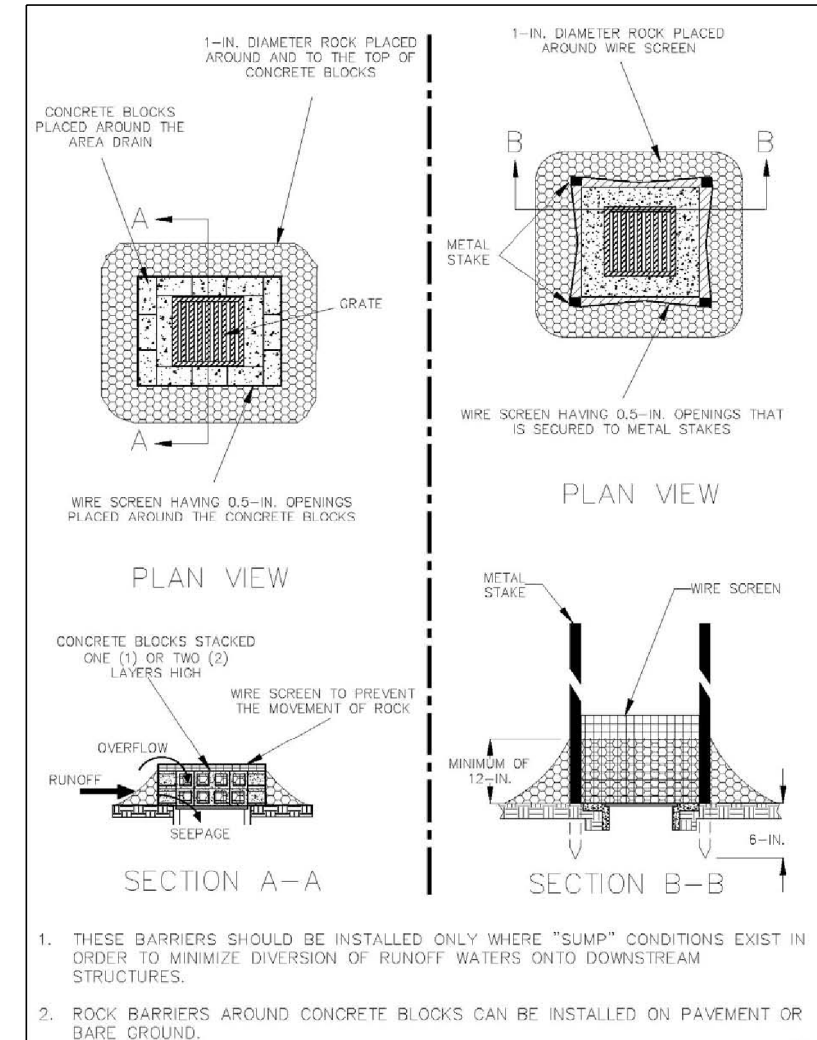
C. TYPE 2 INLET PROTECTION

NTS



D. TYPE 4 INLET PROTECTION

NTS



1. THESE BARRIERS SHOULD BE INSTALLED ONLY WHERE "SUMP" CONDITIONS EXIST IN ORDER TO MINIMIZE DIVERSION OF RUNOFF WATERS ONTO DOWNSTREAM STRUCTURES.
2. ROCK BARRIERS AROUND CONCRETE BLOCKS CAN BE INSTALLED ON PAVEMENT OR BARE GROUND.

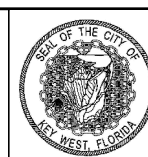
F. FDOT STANDARD INLET PROTECTION

NTS

1/28/2024 7:22:03 PM Karen.Falkenberry@jacobs.com

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MITCHELL LEE GRIFFIN, P.E.
P.E. LICENSE NUMBER 40772
JACOBS ENGINEERING GROUP INC.
643 SW 4TH AVENUE
GAINESVILLE, FL 32601



TASK ORDER 9-22
PROJECT:
SOUTH STREET IMPROVEMENTS

DRAINAGE DETAIL

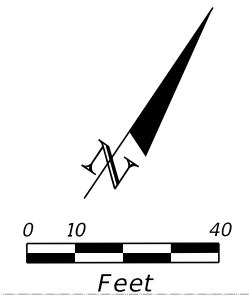
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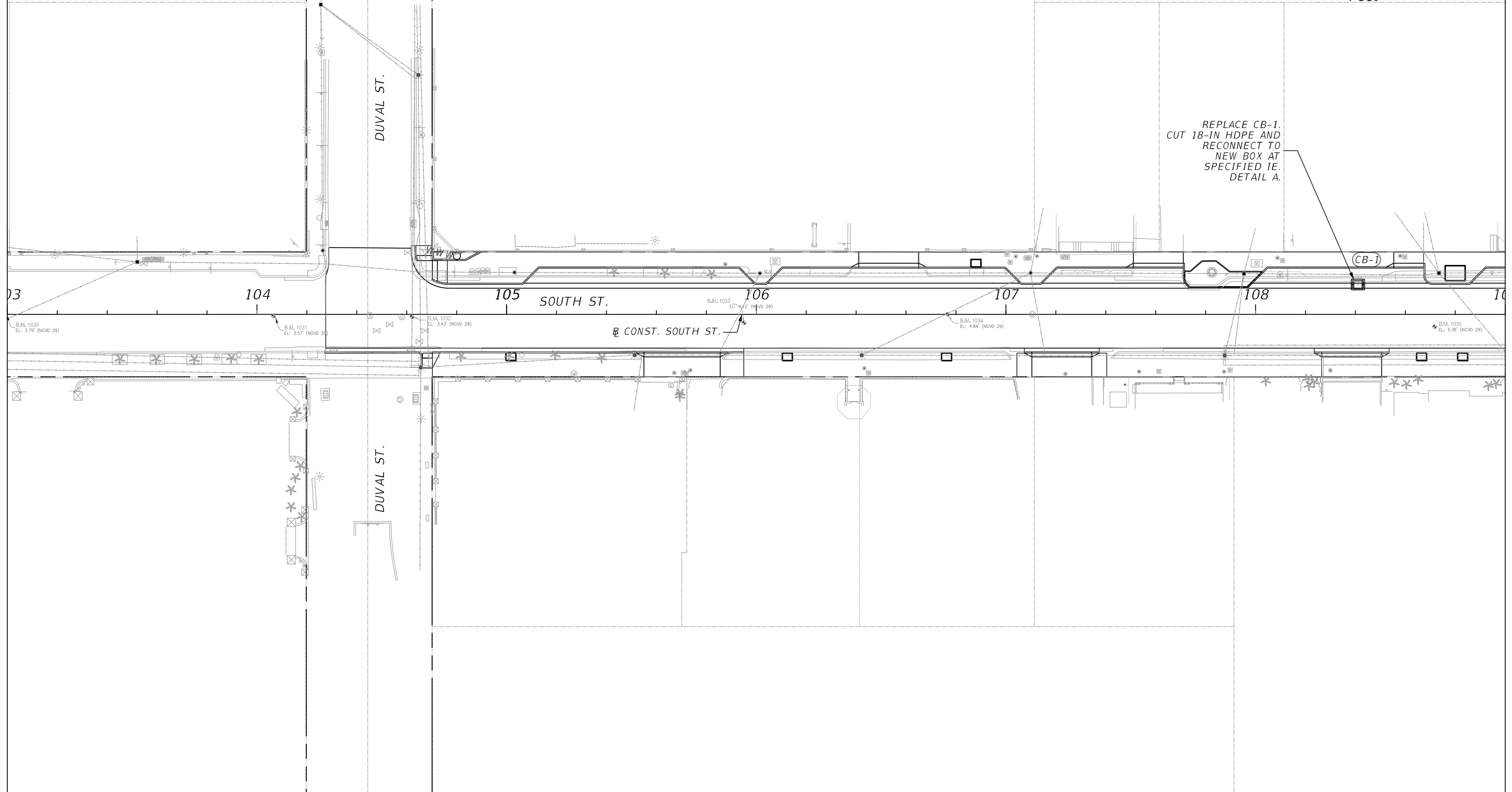
CB-1
 STA. 108+41 05: 12' LT
 TYPE P ALT-B BASIN AND
 TOP SLAB W/ 24"X36" OPENING
 PER FDOT INDEX 425-010
 USF 5112 FRAME & 6143 GRATE
 OR APPROVED EQUAL
 RIM: 4.95
 SUMP: -0.75
 INV OUT (NE): -1.16 (18" HDPE, 30-DEG)

GENERAL NOTES

1. IT IS EXPECTED THAT THE ACTUAL LOCATION OF EXISTING UNDERGROUND UTILITIES MAY VARY FROM THAT SHOWN ON THE PLANS. VARIATIONS IN LOCATION AND DEPTH SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE IMMEDIATELY SO THAT THE LOCATION OF THE UTILITIES MAY BE CHECKED WITH THE PROPOSED DESIGN.
2. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE COMMENCING CONSTRUCTION.
3. LOCATE, PROTECT AND AVOID DISRUPTION OF ALL ABOVE AND BELOW GRADE UTILITIES TO REMAIN.
4. ALL EXISTING UTILITIES SHOULD BE CONSIDERED ACTIVE UNLESS OTHERWISE NOTED.



REPLACE CB-1.
 CUT 18-IN HDPE AND
 RECONNECT TO
 NEW BOX AT
 SPECIFIED IE.
 DETAIL A.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MITCHELL LEE GRIFFIN, P.E.
 P.E. LICENSE NUMBER 40772
 JACOBS ENGINEERING GROUP INC.
 643 SW 4TH AVENUE
 GAINESVILLE, FL 32601

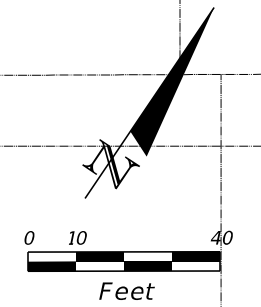


TASK ORDER 9-22
 PROJECT:
 SOUTH STREET IMPROVEMENTS

DRAINAGE PLAN (1)

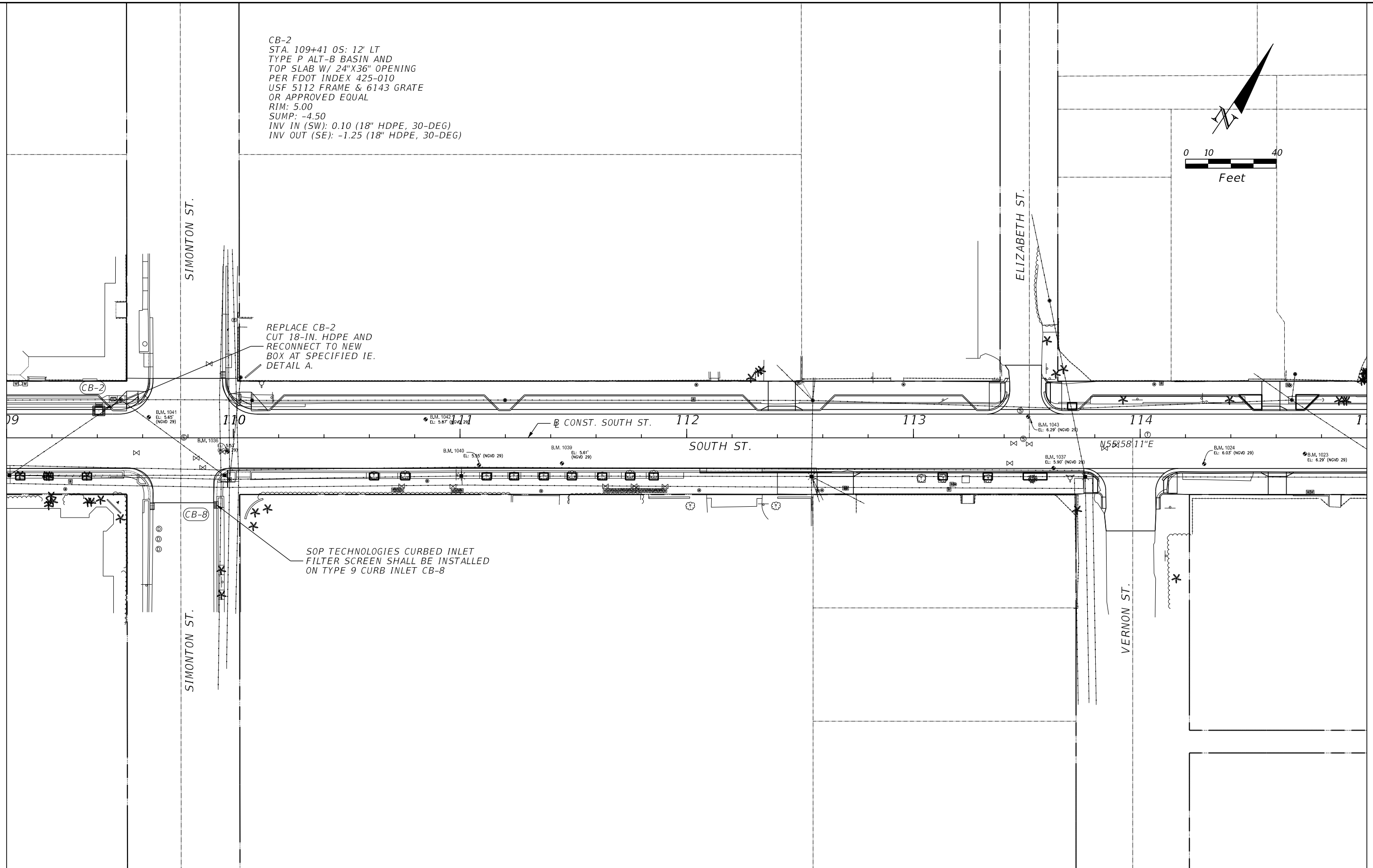
SHEET NO.
 17

CB-2
 STA. 109+41 OS: 12' LT
 TYPE P ALT-B BASIN AND
 TOP SLAB W/ 24"X36" OPENING
 PER FDOT INDEX 425-010
 USF 5112 FRAME & 6143 GRATE
 OR APPROVED EQUAL
 RIM: 5.00
 SUMP: -4.50
 INV IN (SW): 0.10 (18" HDPE, 30-DEG)
 INV OUT (SE): -1.25 (18" HDPE, 30-DEG)




REPLACE CB-2
 CUT 18-IN. HDPE AND
 RECONNECT TO NEW
 BOX AT SPECIFIED IE.
 DETAIL A.

SOP TECHNOLOGIES CURBED INLET
 FILTER SCREEN SHALL BE INSTALLED
 ON TYPE 9 CURB INLET CB-8

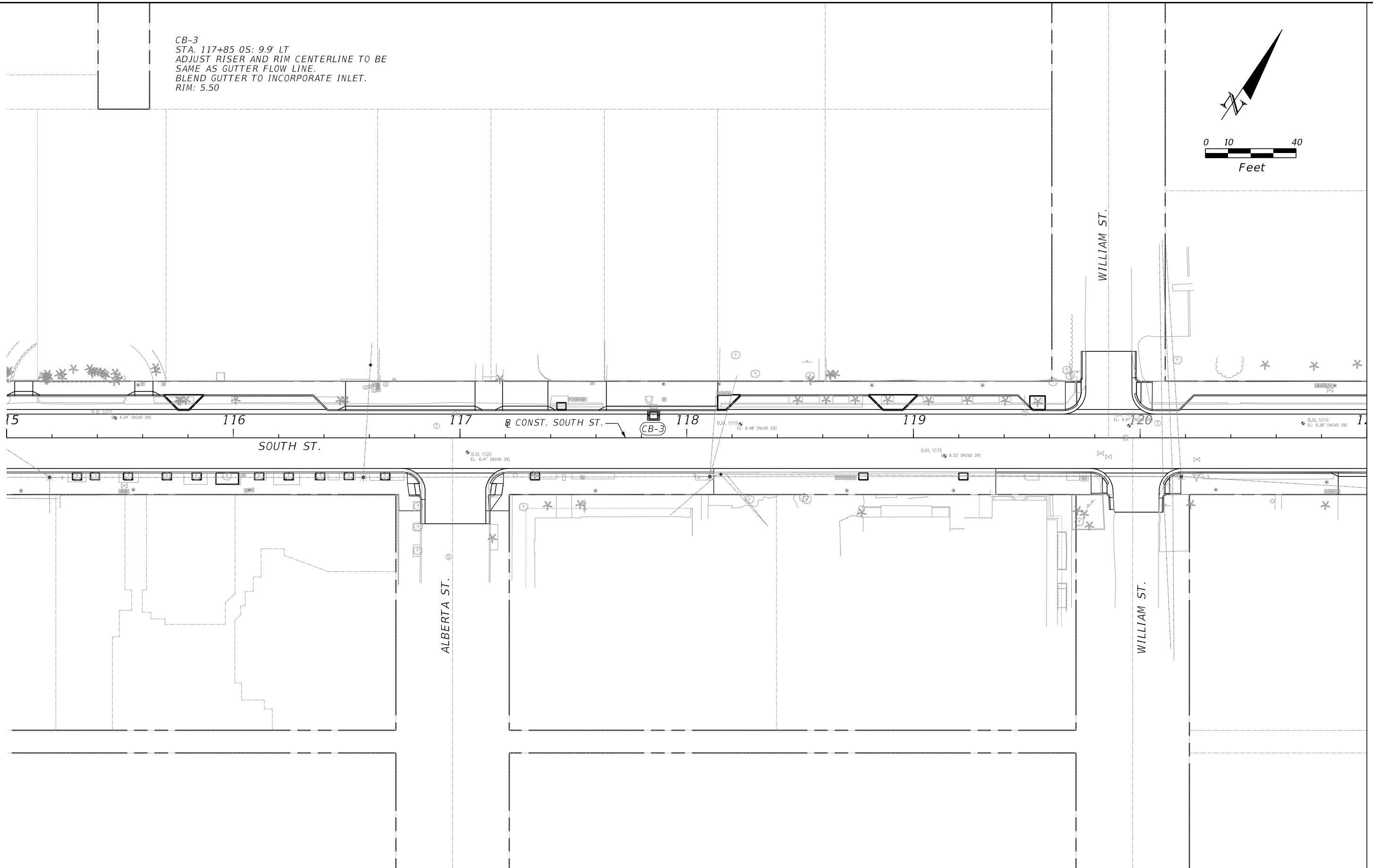
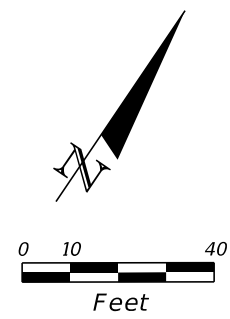


1/28/2024 7:27:04 PM Karen.Falkenberry@jacobs.com
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REVISIONS		DATE	DESCRIPTION	MITCHELL LEE GRIFFIN, P.E. P.E. LICENSE NUMBER 40772 JACOBS ENGINEERING GROUP INC. 643 SW 4TH AVENUE GAINESVILLE, FL 32601		TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	<i>DRAINAGE PLAN (2)</i>	SHEET NO.
DATE	DESCRIPTION							18

CB-3
 STA. 117+85 OS: 9.9' LT
 ADJUST RISER AND RIM CENTERLINE TO BE
 SAME AS GUTTER FLOW LINE.
 BLEND GUTTER TO INCORPORATE INLET.
 RIM: 5.50



1/28/2024 7:28:34 PM Karen.Falkenberry@jacobs.com c:\users\kfalkenb\appdata\local\bentley\projectwise\jacobs-americas-01\dms89904\DRPLAN01.dgn

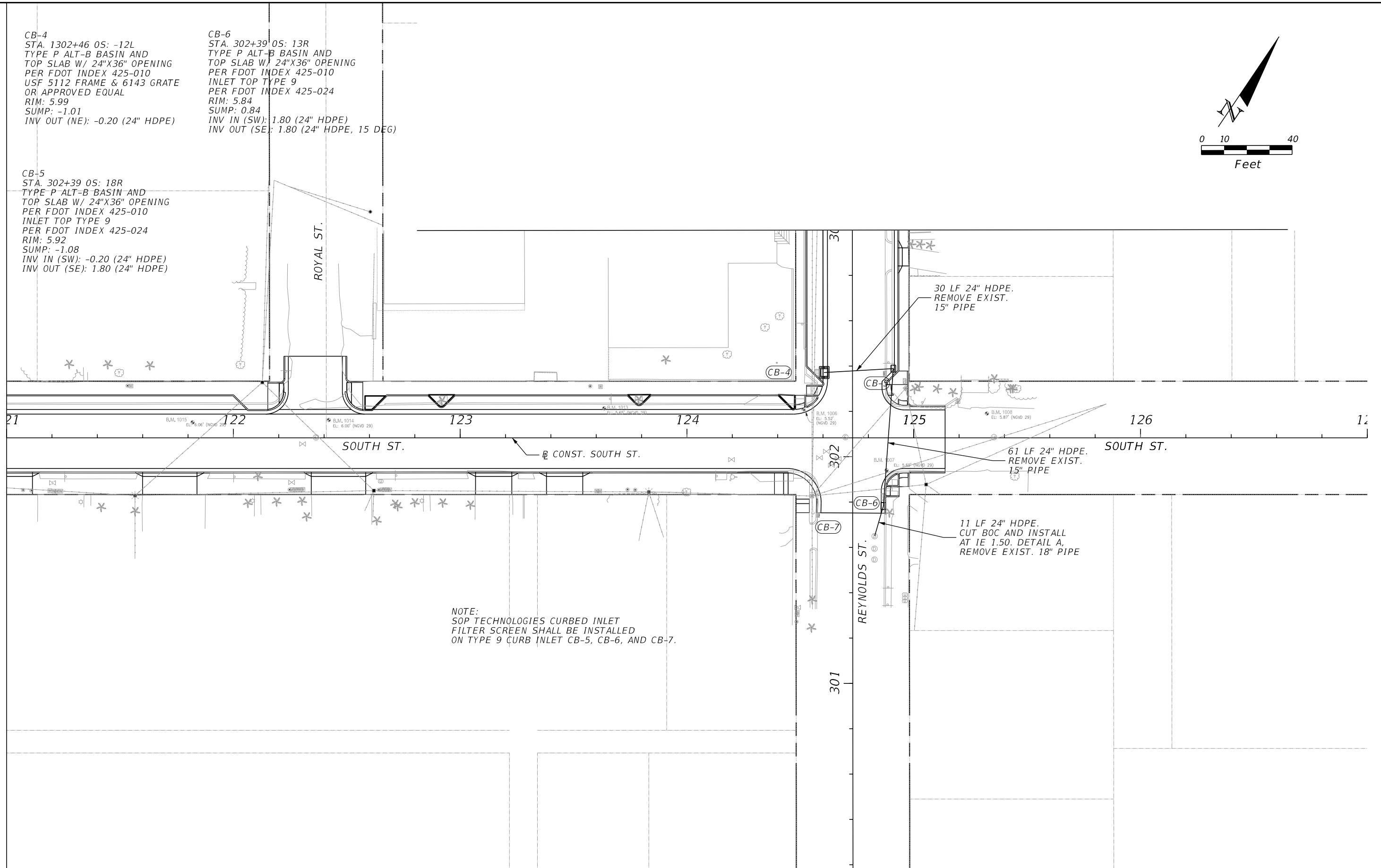
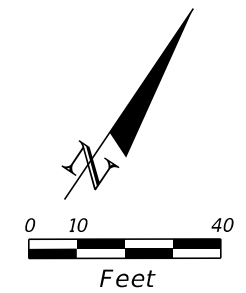
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REVISIONS				MITCHELL LEE GRIFFIN, P.E. P.E. LICENSE NUMBER 40772 JACOBS ENGINEERING GROUP INC. 643 SW 4TH AVENUE GAINESVILLE, FL 32601		TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	<i>DRAINAGE PLAN (3)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					19

CB-4
 STA. 1302+46.05: -12L
 TYPE P ALT-B BASIN AND
 TOP SLAB W/ 24"X36" OPENING
 PER FDOT INDEX 425-010
 USF 5112 FRAME & 6143 GRATE
 OR APPROVED EQUAL
 RIM: 5.99
 SUMP: -1.01
 INV OUT (NE): -0.20 (24" HDPE)

CB-6
 STA. 302+39.05: 13R
 TYPE P ALT-B BASIN AND
 TOP SLAB W/ 24"X36" OPENING
 PER FDOT INDEX 425-010
 INLET TOP TYPE 9
 PER FDOT INDEX 425-024
 RIM: 5.84
 SUMP: 0.84
 INV IN (SW): 1.80 (24" HDPE)
 INV OUT (SE): 1.80 (24" HDPE, 15 DEG)


CB-5
 STA. 302+39.05: 18R
 TYPE P ALT-B BASIN AND
 TOP SLAB W/ 24"X36" OPENING
 PER FDOT INDEX 425-010
 INLET TOP TYPE 9
 PER FDOT INDEX 425-024
 RIM: 5.92
 SUMP: -1.08
 INV IN (SW): -0.20 (24" HDPE)
 INV OUT (SE): 1.80 (24" HDPE)

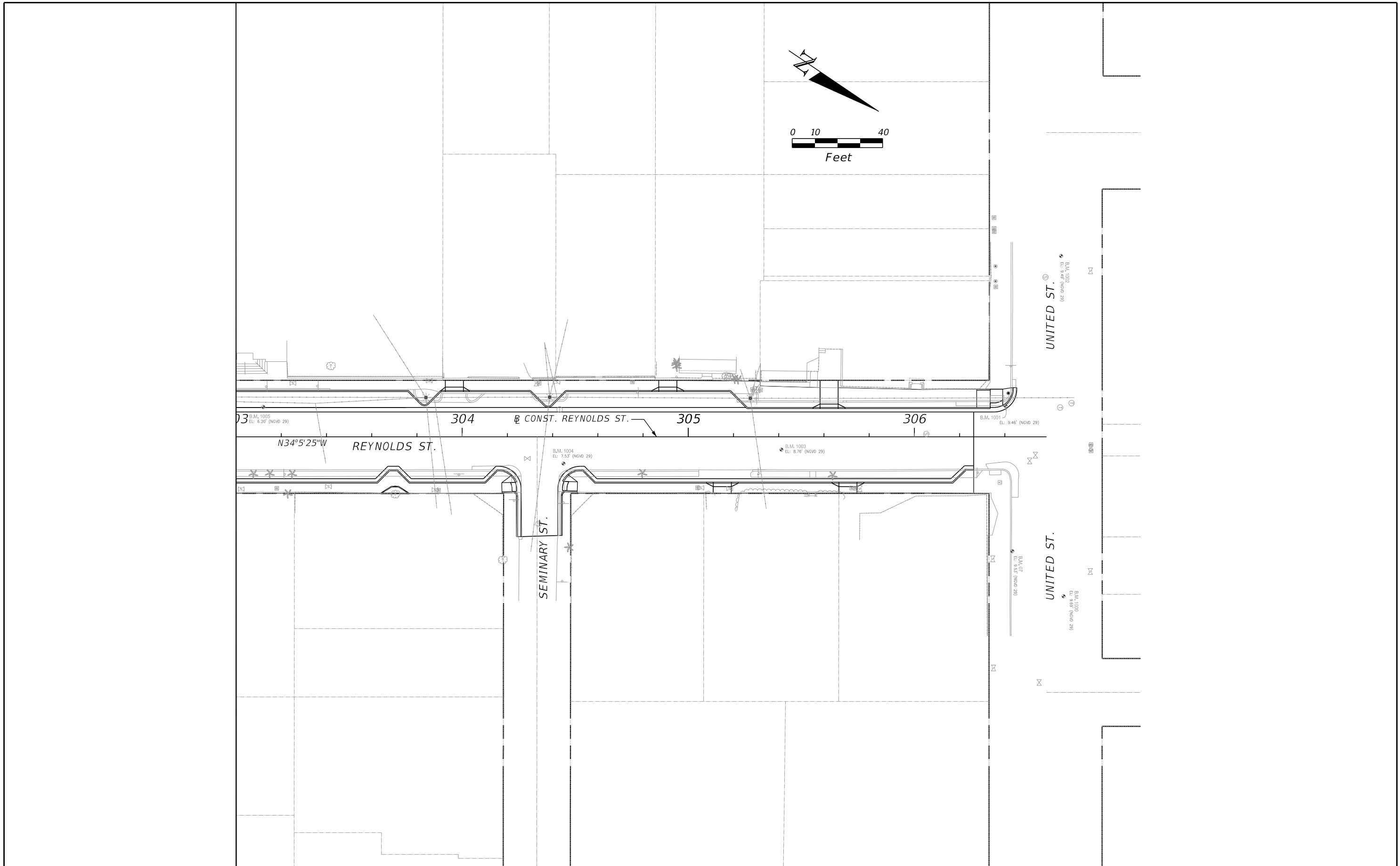


NOTE:
 SOP TECHNOLOGIES CURBED INLET
 FILTER SCREEN SHALL BE INSTALLED
 ON TYPE 9 CURB INLET CB-5, CB-6, AND CB-7.

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REVISIONS				MITCHELL LEE GRIFFIN, P.E. P.E. LICENSE NUMBER 40772 JACOBS ENGINEERING GROUP INC. 643 SW 4TH AVENUE GAINESVILLE, FL 32601		TASK ORDER 9-22 PROJECT: SOUTH STREET IMPROVEMENTS	<i>DRAINAGE PLAN (4)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					20



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

MITCHELL LEE GRIFFIN, P.E.
 P.E. LICENSE NUMBER 40772
 JACOBS ENGINEERING GROUP INC.
 643 SW 4TH AVENUE
 GAINESVILLE, FL 32601



TASK ORDER 9-22

PROJECT:
 SOUTH STREET IMPROVEMENTS

DRAINAGE PLANS (5)

SHEET NO.
 21

DATE OF SURVEY: 3/2/2023
 SURVEY MADE BY: ORACIO RICCOBONO, P.E.
 SUBMITTED BY: GEOSOL, Inc.

SOUTH STREET ROADWAY IMPROVEMENT PROJECT
 FROM WHITEHEAD STREET TO REYNOLDS STREET
 CITY OF KEY WEST, FLORIDA

DISTRICT: N/A
 ROAD NO.: N/A
 COUNTY: MONROE

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA.: 200+00 SURVEY ENDS STA.: 201+00 REFERENCE: B/L SURVEY WHITEHEAD STREET
 SURVEY BEGINS STA.: 100+00 SURVEY ENDS STA.: 125+00 REFERENCE: B/L SURVEY SOUTH STREET
 SURVEY BEGINS STA.: 302+00 SURVEY ENDS STA.: 304+00 REFERENCE: B/L SURVEY REYNOLDS STREET

STRATUM NO.	MOISTURE CONTENT		ORGANIC CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS					NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	CORROSION TEST RESULTS				
	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	% ORGANIC	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH						200 MESH	NO. OF TESTS	RESISTIVITY ohms cm	CHLORIDE ppm	SULFATES ppm
0												N/A	Asphalt Pavement						
1	4	14-23			4	51-68	27-48	17-38	11-31	7-24			A-1-b	Brown Slightly Silty to Silty Fine to Coarse SAND with Little to Some Limerock Fragments (FILL)					
2	1	13			1	59	40	34	28	23			A-1-b	Brown Slightly Silty to Silty Fine to Coarse SAND with Few to Some Limestone Fragments	1	22	18,500	2,800	7.7

EMBANKMENT AND SUBGRADE MATERIAL
 STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.
 ∇ - WATER TABLE ENCOUNTERED
 GNE - GROUNDWATER NOT ENCOUNTERED

Notes:

- The material from Stratum 0 is the Asphalt Pavement.
- The materials from Strata Numbers 1 and 2 (A-1-b) are considered to be select and should be utilized in accordance with FDOT Roadway and Traffic Design Standard Plan Index Drawing 120-001.

REVISIONS				ENGINEER OF RECORD:		SOUTH STREET ROADWAY IMPROVEMENT PROJECT FROM WHITEHEAD STREET TO REYNOLDS STREET CITY OF KEY WEST, FLORIDA	ROADWAY SOILS SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GEOSOL, INC. ORACIO RICCOBONO, P.E. P.E. LICENSE NO. 49324 5795-A NW 151st STREET MIAMI LAKES, FL 33014				22

LEGEND

- 0) Asphalt Pavement
- 1) Brown Slightly Silty to Silty Fine to Coarse SAND with Little to Some Limerock Fragments (FILL, A-I-b)
- 2) Brown Slightly Silty to Silty Fine to Coarse SAND with Few to Some Limestone Fragments (A-I-b)

NOTES:

1) SPT BORINGS PERFORMED PER ASTM D-1586 WITH A HAMMER WEIGHT OF 140 LBS FALLING 30 INCHES.

NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12" PENETRATION (UNLESS OTHERWISE NOTED).

ENVIRONMENTAL CLASSIFICATION:

SUPERSTRUCTURE: EXTREMELY AGGRESSIVE
 SUBSTRUCTURE: EXTREMELY AGGRESSIVE (CHLORIDE: 18,500 PPM)

WATER:

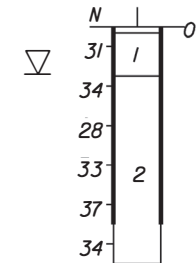
pH: 7.7 SULFATE: 2,800 PPM
 CHLORIDE: 18,500 PPM RESISTIVITY: 22 OHM-CM

GRANULAR MATERIALS- RELATIVE DENSITY	AUTOMATIC SPT HAMMER (BLOWS PER FOOT)
VERY LOOSE	LESS THAN 3
LOOSE	3-8
MEDIUM DENSE	8-24
DENSE	24-40
VERY DENSE	GREATER THAN 40
SILTS AND CLAYS CONSISTANCY	AUTOMATIC SPT HAMMER (BLOWS PER FOOT)
VERY SOFT	LESS THAN 1
SOFT	1-3
FIRM	3-6
STIFF	6-12
VERY STIFF	12-24
HARD	GREATER THAN 24



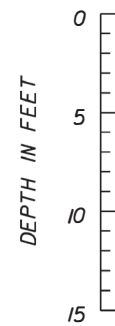
Feet
 VERTICAL SCALE
 HORIZONTAL SCALE: N.T.S.

BOR # B-1
 STA. 200+40 B/L Survey Whitehead Street
 OFF. 13 LT
 ELEV. N/A
 DATE 3/2/2023
 DRILLER R.Morales
 HAMMER Auto
 RIG B-53
 LATITUDE 24.546639
 LONGITUDE -81.797606
 NORTHING 78277
 EASTING 391048

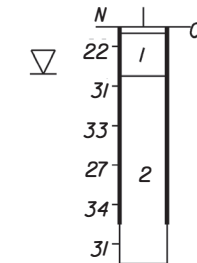


Boring Terminated
 at a Depth of 12ft

Casing Length 10ft

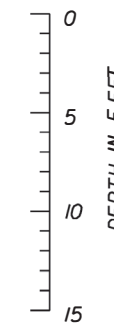


BOR # B-2
 STA. 105+20 B/L Survey South Street
 OFF. 8 RT
 ELEV. N/A
 DATE 3/2/2023
 DRILLER R.Morales
 HAMMER Auto
 RIG B-53
 LATITUDE 24.547352
 LONGITUDE -81.796212
 NORTHING 78534
 EASTING 391513



Boring Terminated
 at a Depth of 12ft

Casing Length 10ft



REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
 GEOSOL, INC.
 ORACIO RICCOBONO, P.E.
 P.E. LICENSE NO. 49324
 5795-A NW 151st STREET
 MIAMI LAKES, FL 33014

**SOUTH STREET ROADWAY IMPROVEMENT PROJECT
 FROM WHITEHEAD STREET TO REYNOLDS STREET
 CITY OF KEY WEST, FLORIDA**

ROADWAY SOIL PROFILES

SHEET NO.

23

Tree Inventory and Disposition

Zone	No.	Plant	Station	Side	Dia.	Size (HxW)	Existing Condition	Notes	Disposition	Tree Well #	Replacement Tree Information		
											Plant	Dia.	Size (HxW)
1	1	Thrinax radiata Thatch Palm	104+81.74	RT	---	10'-12' o.a. 5'-6'	Fair	1401 Duval: soil planter	Transplant / Remove	---	---	---	---
1	2	Thrinax radiata Thatch Palm	105+01.04	RT	---	10'-13' o.a. 5'-6'	Fair	1401 Duval: soil planter, leaning over s/w	Transplant / Remove	---	---	---	---
1	3	Thrinax radiata Thatch Palm	105+19.50	RT	---	15'-20' o.a. 10'-12'	Fair	1401 Duval: soil planter	Transplant / Remove	---	---	---	---
1	4	Thrinax radiata Thatch Palm	105+38.11	RT	---	13'-15' o.a. 8'-10'	Poor	1401 Duval: soil planter	Remove	---	---	---	---
--	--	Thrinax radiata Thatch Palm	106+12.43	RT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	1	---	---	---
--	--	Thrinax radiata Thatch Palm	106+76.21	RT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	2	---	---	---
--	--	Thrinax radiata Thatch Palm	108+66.47	RT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	5	---	---	---
--	--	Thrinax radiata Thatch Palm	108+82.94	RT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	6	---	---	---
1	5	Adonidia merrillii Christmas Palm	109+06.02	RT	---	15'-16' o.a. 8'-10'	Fair	510 South: grass tree lawn, under utility lines	Replace	8	Thrinax radiata Thatch Palm	---	10'-12' o.a.
1	6	Adonidia merrillii Christmas Palm DBL	109+18.47	RT	---	1-15' o.a. 2-9' o.a.	1 - Fair 2 - Poor	510 South: grass tree lawn, under utility lines	Replace	9	Thrinax radiata Thatch Palm	---	10'-12' o.a.
1	7	Adonidia merrillii Christmas Palm	109+35.47	RT	---	15' o.a.	Poor	510 South: grass tree lawn, under utility lines	Replace	10	Thrinax radiata Thatch Palm	---	10'-12' o.a.
1	8	Cocos nucifera Coconut Palm	105+43.09	LT	---	30'-35' o.a. 15'-18'	Fair	1319 Duval: soil planter, leaning over parking area	Remove	---	---	---	---
1	9	Cocos nucifera Coconut Palm	105+63.34	LT	---	15'-18' o.a. 8'-10'	Fair	1319 Duval: soil planter, leaning over parking area	Remove	---	---	---	---
1	10	Cocos nucifera Coconut Palm	105+82.11	LT	---	40'-50' o.a. 20'-25'	Fair	1319 Duval: soil planter, leaning over parking area	Remove	---	---	---	---
--	--	Thrinax radiata Thatch Palm	107+17.10	LT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	3	---	---	---
1	11	Swietenia mahagoni Mahogany Tree	107+80.00	LT	42.6"	55'-60' o.a. 50'-60'	Good RETAIN PROTECT	1330 Simonton: Soil planter, utility lines through canopy, sidewalk lifted. Replace concrete w/Flexi-pave.	To Remain	4	---	---	---
--	--	Thrinax radiata Thatch Palm	108+79.95	LT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	7	---	---	---
2	1	Conocarpus erectus var. sericeus Silver Buttonwood	110+62.08	RT	4.9"	13'-15' x 10'-11'	Fair	1401 Simonton: grass/stone, maintained/hedge, under utility lines	To Remain	11	---	---	---
2	2	Conocarpus erectus var. sericeus Silver Buttonwood	110+75.78	RT	4.5"	12'-14' x 9'x10'	Poor	1401 Simonton: grass/stone, maintained/hedge, leaning under utility	To Remain	12	---	---	---
2	3	Conocarpus erectus var. sericeus Silver Buttonwood	111+11.74	RT	8.5"	15'-18' x 15'-18'	Fair	1401 Simonton: grass/stone, maintained/hedge, leaning under utility	To Remain	13	---	---	---
2	4	Conocarpus erectus var. sericeus Silver Buttonwood	111+23.81	RT	3"	8'-9' x 6'-7'	Poor	1401 Simonton: grass/stone, maintained/hedge, under utility lines	To Remain	14	---	---	---
2	5	Conocarpus erectus var. sericeus Silver Buttonwood	111+36.96	RT	7.3"	15'-18' x 16'-18'	Poor	1401 Simonton: grass/stone, maintained/hedge, leaning under utility	To Remain	15	---	---	---
2	6	Conocarpus erectus var. sericeus Silver Buttonwood	111+49.28	RT	7"	18'-20' x 16'-18'	Poor	1401 Simonton: grass/stone, maintained/hedge, under utility lines	To Remain	16	---	---	---
2	7	Conocarpus erectus var. sericeus Silver Buttonwood	111+62.74	RT	6.8"	18'-20' x 12'-13'	Fair	1401 Simonton: grass/stone, maintained/hedge, slight lean under utility	To Remain	17	---	---	---
2	8	Conocarpus erectus var. sericeus Silver Buttonwood	111+74.99	RT	5.6"	13'-18' x 12'-13'	Fair	1401 Simonton: grass/stone, maintained/hedge, slight lean	To Remain	18	---	---	---
2	9	Conocarpus erectus var. sericeus Silver Buttonwood	111+85.37	RT	4.7"	10'-12' x 6'x8'	Poor	1401 Simonton: grass/stone, maintained/hedge, leaning/under utility	To Remain	19	---	---	---
2	10	Capparis cynophallophora Jamaica Caper	113+03.56	RT	0.9"	6' x 5'	Poor	630 South: soil planter	Remove	---	---	---	---
2	11	Conocarpus erectus var. sericeus Silver Buttonwood	113+12.83	RT	4"	8' x 8'	Poor	630 South: soil planter, slightly leaning	Replace	21	Conocarpus erectus var. sericeus Silver Buttonwood	2"-4"	10'-15' o.a.
2	12	Ficus macrocarpa Green Island Ficus	113+22.99	RT	---	2' x 3'	Fair	630 South: soil planter, ground cover	Remove	---	---	---	---

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<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					<p>KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202</p>			<p>TASK ORDER 9-22</p> <p>PROJECT: SOUTH STREET IMPROVEMENTS</p>	<p>LANDSCAPE TABLE (1)</p>	<p>SHEET NO. 24</p>
DATE	DESCRIPTION	DATE	DESCRIPTION														

Tree Inventory and Disposition Continued

Zone	No.	Plant	Station	Side	Dia.	Size (HxW)	Existing Condition	Notes	Disposition	Tree Well #	Replacement Tree Information		
											Plant	Dia.	Size (HxW)
2	13	Genipa clusiifolia Seven-Year Apple	113+32.75	RT	0.6"	7' x 6'	Fair	630 South: soil planter	Replace	23	Conocarpus erectus var. sericeus Silver Buttonwood	2"-4"	10'-15' o.a.
2	14	Delonix regia Poinciana Tree	113+53.65	RT	4.5"	18'-20' x 28'-30'	Very Poor	630 South: soil planter, leaning, mechanical damage	Replace	24	Conocarpus erectus var. sericeus Silver Buttonwood	2"-4"	10'-15' o.a.
3	1	Syagrus romanzoffiana Queen Palm	113+92.50	LT	---	19'-20' o.a. 10'-12'	Poor	701 South: grass tree lawn	Remove	---	---	---	---
--	--	Cassia javanica Apple Blossom Tree	113+70.00	LT	3"	14'-16'	---	Selected specimen to be FL #1 or better	---	25	---	---	---
3	2	Cocos nucifera Coconut Palm DBL	114+39.46	LT	---	W: 30'-35' o.a. x 18'-20' E: 35'-40' o.a. x 20'-25'	W: Fair E: Fair	703 South: grass tree lawn	Remove	---	---	---	---
--	--	Cassia bakeriana Pink Shower Tree	114+50.00	LT	3"-4"	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	20	---	---	---
--	--	Cassia javanica Apple Blossom Tree	114+72.37	LT	3"	14'-16'	---	Selected specimen to be FL #1 or better	---	26	---	---	---
3	3	Adonidia merrillii Christmas Palm DBL	114+87.73	LT	---	W: 19'-20' o.a. x 14'-16' E: 20'-25' o.a. x 15'-18'	W: Poor E: Poor	707 South: grass tree lawn	Remove	---	---	---	---
3	4	Adonidia merrillii Christmas Palm	114+90.01	LT	---	19'-20' o.a. 14'-16'	Poor	707 South: grass tree lawn	Remove	---	---	---	---
3	5	Adonidia merrillii Christmas Palm DBL	115+75.83	LT	---	W: 21'-23' o.a. x 19'-20' E: 21'-23' o.a. x 19'-20'	W: Poor E: Poor	711 South: grass tree lawn	To Remain	31	---	---	---
3	6	Adonidia merrillii Christmas Palm	115+76.70	LT	---	21'-23' o.a. 19'-20'	Poor	711 South: grass tree lawn	To Remain	31	---	---	---
3	7	Cocos nucifera Coconut Palm	115+79.18	LT	---	65'-70' o.a. 45'-50'	Fair	711 South: grass tree lawn	To Remain	31	---	---	---
3	8	Carissa macrocarpa Natal Plum (15)	116+01.12	LT	---	5.5' x 20'	Fair	711 South: thorns, hedged grass tree lawn	Remove	---	---	---	---
--	--	Thrinax radiata Thatch Palm	105+01.73	RT	---	10'-12' o.a.	---	Selected specimen to be FL #1 or better	---	34	---	---	---
3	9	Adonidia merrillii Christmas Palm	116+47.13	LT	---	20'-25' o.a. 12'-15'	Fair/Poor	711 South: grass tree lawn	Remove	---	---	---	---
3	10	Adonidia merrillii Christmas Palm	116+49.16	LT	---	20'-25' o.a. 12'-15'	Fair/Poor	711 South: grass tree lawn	Remove	---	---	---	---
3	11	Bucida buceras Black Olive Tree	115+31.07	RT	15.8"	45'-50' x 25'-30'	Fair	706 South: utility lines thru canopy, flexi- pave planter	Replace	27	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	12	Bucida buceras Black Olive Tree	115+38.94	RT	10.9"	45'-50' x 25'-30'	Poor	706 South: utility lines thru canopy, rock planter	Replace	28	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	13	Bucida buceras Black Olive Tree	115+53.56	RT	10.1"	35'-40' x 15'-20'	Fair	706 South: utility lines thru canopy, flexi- pave planter	Replace	29	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	14	Bucida buceras Black Olive Tree	115+70.66	RT	5.4"	15'-18' x 15'	Poor	708 South: utility lines thru canopy, rock planter	Replace	30	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	15	Bucida buceras Black Olive Tree	115+83.85	RT	12.8"	35'-40' x 25'-30'	Fair	708 South: utility lines thru canopy, flexi- pave planter	Replace	32	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	16	Bucida buceras Black Olive Tree	115+97.31	RT	12"	35'-40' x 25'-30'	Poor	708 South: utility lines thru canopy, flexi- pave planter	Replace	33	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	17	Bucida buceras Black Olive Tree	116+11.42	RT	6.6"	18'-20' x 15'-18'	Fair	1400 Alberta: utility lines thru canopy, rock planter	Replace	35	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	18	Bucida buceras Black Olive Tree	116+24.43	RT	15.6"	45'-50' x 30'-35'	Poor	1400 Alberta: utility lines thru canopy, flexi-pave planter	Replace	36	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	19	Bucida buceras Black Olive Tree	116+38.33	RT	13.5"	45'-50' x 25'-30'	Fair	1400 Alberta: utility lines thru canopy, rock planter	Replace	37	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	20	Bucida buceras Black Olive Tree	116+50.97	RT	9.2"	35'-40' x 15'-20'	Poor	1400 Alberta: utility lines thru canopy, rock planter	Replace	38	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.

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<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		DATE	DESCRIPTION	DATE	DESCRIPTION					<p>KAREN E. FALKENBERRY, P.E. P.E. LICENSE NUMBER 54015 JACOBS ENGINEERING GROUP, INC. 200 W. FORSYTH ST., STE 1520 JACKSONVILLE, FL 32202</p>		<p align="center">TASK ORDER 9-22</p> <p align="center">PROJECT: SOUTH STREET IMPROVEMENTS</p>	<p align="center">LANDSCAPE TABLE (2)</p>	<p align="center">SHEET NO. 25</p>
DATE	DESCRIPTION	DATE	DESCRIPTION											

Tree Inventory and Disposition Continued

Zone	No.	Plant	Station	Side	Dia.	Size (HxW)	Existing Condition	Notes	Disposition	Tree Well #	Replacement Tree Information		
											Plant	Dia.	Size (HxW)
3	21	Bucida buceras Black Olive Tree	116+66.98	RT	11"	35'-40' x 25'-30'	Poor	1400 Alberta: utility lines thru canopy, rock planter	Replace	39	Tabebuia aurea Yellow Trumpet Tree	4"-6"	10'-15' o.a.
3	22	Cocos nucifera Coconut Palm	117+33.11	RT	---	35'-40' o.a. 18'-20'	Fair	714 South: leaning into street	To Remain	22	---	---	---
--	--	Cassia javanica Apple Blossom Tree	117+44.71	LT	3"	14'-16'	---	Selected specimen to be FL #1 or better	---	40	---	---	---
---	---	Cassia bakeriana Pink Shower Tree	118+16.66	LT	3"-4"	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	45	---	---	---
3	23	Cocos nucifera Coconut Palm	118+48.87	LT	---	35'-40' o.a. 18'-20'	Fair	721 South: leaning into street	Remove	---	---	---	---
3	24	Cocos nucifera Coconut Palm	118+61.51	LT	---	35'-40' o.a. 20'-25'	Poor	721 South: leaning into street	Remove	---	---	---	---
3	25	Cocos nucifera Coconut Palm	118+74.35	LT	---	35'-40' o.a. 20'-25'	Poor	725 South: leaning into street, lethal yellowing	Remove	---	---	---	---
--	--	Lysiloma sabicu Sabicu	118+77.90	RT	5" min.	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	41	---	---	---
3	26	Cocos nucifera Coconut Palm	118+88.64	LT	---	40'-45' o.a. 25'-30'	Poor	725 South: leaning into street	Remove	---	---	---	---
--	--	Cassia bakeriana Pink Shower Tree	118+90.99	LT	3"-4"	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	46	---	---	---
--	--	Lysiloma sabicu Sabicu	119+21.99	RT	5" min.	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	42	---	---	---
3	27	Cocos nucifera Coconut Palm	119+06.71	LT	---	40'-45' o.a. 30'-35'	Poor	725 South: leaning into street, lethal yellowing	Remove	---	---	---	---
3	28	Cocos nucifera Coconut Palm	119+23.80	LT	---	45'-50' o.a. 30'-35'	Poor	725 South: Leaning into street, lethal yellowing	Remove	---	---	---	---
3	29	Cocos nucifera Coconut Palm	119+40.46	LT	---	35'-40' o.a. 20'-25'	Fair	725 South: leaning into street	Remove	---	---	---	---
3	30	Cocos nucifera Coconut Palm	119+54.71	LT	---	35'-40' o.a. 20'-25'	Poor	725 South: leaning into street, lethal yellowing	Replace	43	Lysiloma sabicu Sabicu	5" min.	12'-14' o.a.
3	31	Tabebuia heterophylla Pink Trumpet Tree	119+61.52	LT	Codom 10" + 8"	35'-40' x 15'-20'	Poor	725 South: Wrought iron fence embedded into trunk	Remove	---	---	---	---
4	1	Syagrus romanzoffiana Queen Palm	122+10.86	RT	---	20'-25' o.a. 12'-16'	Fair	810 South: Grass lawn	Remove	---	---	---	---
--	--	Lysiloma sabicu Sabicu	122+62.55	LT	5" min.	12'-14' o.a.	---	Selected specimen to be FL #1 or better	---	44	---	---	---
4	2	Cocos nucifera Coconut Palm	122+91.97	LT	---	20'-25' o.a. 12'-16'	Poor	Reynolds School soil planter, lethal yellowing	To Remain	49	---	---	---
4	3	Cocos nucifera Coconut Palm	123+78.71	LT	---	30'-35' o.a. 15'-20'	Fair	Reynolds School soil planter	To Remain	50	---	---	---
--	--	Lysiloma sabicu Sabicu	124+40.00	LT	5" min.	12'-18' o.a.	---	Selected specimen to be FL #1 or better	---	48	---	---	---
5	1	Ground covers - various Thrinax radiata FL Thatch Palm	303+02.00	RT	---	1' x 1' 3' o.a. 3'	Fair/Poor	901 South: Liriopy, Fakahatchee grass, flax, sago, soil planter	Remove Transplant / Remove	---	---	---	---
5	2	Ficus benjamina Ficus	303+02.00	RT	1.5"	6'-8" x 4'-5'	Fair	901 South: soil planter	Remove	---	---	---	---
5	3	Aloe	303+02.00	RT	1'	1' x 1'	Fair	901 South: soil planter	Remove	---	---	---	---
5	4	Adonidia merrillii Christmas Palm	303+07.65	RT	---	18'-20' o.a. 10'-12'	Fair	1317 Reynolds: leaning into street, soil planter	Remove	---	---	---	---
5	5	Adonidia merrillii Christmas Palm	303+14.94	RT	---	20'-25' o.a. 12'-15'	Fair	1317 Reynolds: leaning into street, soil planter	Remove	---	---	---	---
5	6	Cocos nucifera Coconut Palm	303+24.80	RT	---	35'-40' o.a. 20'-25'	Fair	1317 Reynolds: leaning into street, soil planter	Remove	---	---	---	---
5	7	Melicococcus bijugatu Spanish Lime	303+70.38	RT	28"	30'-35' x 18'-20'	Fair PROTECT	1315 Reynolds: Shared tree trunk and root system on City property, flexi-pave	To Remain	47	---	---	---
5	8	Adonidia merrillii Christmas Palm	304+79.68	RT	---	16'-18' o.a. 10'-12'	Fair	1307 Reynolds: leaning into street, soil planter	Remove	---	---	---	---
5	9	Cocos nucifera Coconut Palm	305+63.84	RT	---	30'-35' o.a. 15'-20'	Fair	1305 Reynolds: leaning into street, soil planter	Remove	---	---	---	---
5	10	Randia aculeata White Indigo Berry Tree	306+00.00	RT	0.5"	3' x 3'	Fair	910 United: seedling, soil planter	Remove	---	---	---	---

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

KAREN E. FALKENBERRY, P.E.
P.E. LICENSE NUMBER 54015
JACOBS ENGINEERING GROUP, INC.
200 W. FORSYTH ST., STE 1520
JACKSONVILLE, FL 32202



TASK ORDER 9-22

PROJECT:
SOUTH STREET IMPROVEMENTS

LANDSCAPE TABLE (3)

SHEET
NO.
26

1/29/2024 1:11:22 PM Karen.Falkenberry@jacobs.com
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