

CITY OF GREEN COVE SPRINGS CITY COUNCIL REGULAR SESSION

321 WALNUT STREET, GREEN COVE SPRINGS, FLORIDA
TUESDAY, MAY 02, 2023 – 7:00 PM



Anyone wishing to address the city council regarding any topic on this agenda is requested to complete a card available at the city clerk's desk. Speakers are respectfully requested to limit their comments to three (3) minutes.

The city council prohibits the use of cell phones and other electronic devices which emit an audible sound during all meetings with the exception of law enforcement, fire and rescue or health care providers on call. Persons in violation may be requested to leave the meeting

AGENDA

Invocation & Pledge of Allegiance to the Flag - **Chaplain Joseph Williams, CCSO**

Roll Call

Mayor to call on members of the audience wishing to address the Council on matters not on the Agenda.

AWARDS & RECOGNITION

1. Proclamation - Public Service Recognition Week
2. Proclamation - National Police Week

PRESENTATIONS

3. FMPA - May 2023 **Bob Page**

CONSENT AGENDA

All matters under the consent agenda are considered to be routine by the city council and will be enacted by one motion in the form listed below. There will be no separate discussion on these items. If discussion is desired, that item will be removed from the consent agenda and will be considered separately. Backup documentation and staff recommendations have been previously submitted to the city council on these items.

4. City Council approval of the Military Service Day Proclamation. **Erin West**
5. City Council approval of the National Safe Boating Week Proclamation. **Erin West**
6. City Council approval to surplus Police Boat # 142, a 1995 Cobia center console which has surpassed its useful life cycle. **Scott Schultz**
7. City Council approval of Walnut Street Roadway Plans and Parking lot between Palmetto Avenue and the St Johns River. **Michael Daniels**

8. City Council approval of Change Order #3 to EltonAlan, Inc. for construction of the Palmetto Trail Project in the additive amount of \$1,375.00 and three (3) days contract time. *Mike Null*
9. City Council approval to purchase a new grapple truck to replace truck #702 from Peterson Industries under Sourcewell contract # 040621-PII in the amount of \$203,438.77. *Steve Thomas*
10. City Council approval of the Mental Health Awareness Month Proclamation. *Erin West*

COUNCIL BUSINESS

11. First Reading of Ordinance O-14-2023-property transfer from the City to DR Horton, Inc. related to the Rookery Development
12. City Manager & City Attorney Reports / Correspondence
13. City Council Reports / Correspondence

Adjournment

The City Council meets the first and third Tuesday of each month beginning at 7:00 p.m., unless otherwise scheduled. Meetings are held in City Hall at 321 Walnut Street. Video and audio recordings of the meetings are available in the City Clerk's Office upon request.

City may take action on any matter during this meeting, including items that are not set forth within this agenda.

Minutes of the City Council meetings can be obtained from the City Clerk's office. The Meetings are usually recorded, but are not transcribed verbatim for the minutes. Persons requiring a verbatim transcript may make arrangements with the City Clerk to duplicate the recordings, if available, or arrange to have a court reporter present at the meeting. The cost of duplication and/or court reporter will be at the expense of the requesting party.

Persons who wish to appeal any decision made by the City Council with respect to any matter considered at this meeting will need a record of the proceedings, and for such purpose may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is based. The City is not responsible if the in-house recording is incomplete for any reason.

ADA NOTICE

In accordance with Section 286.26, Florida Statutes, persons with disabilities needing special accommodations to participate in this meeting should contact the City Clerk's office no later than 5:00 p.m. on the day prior to the meeting.

PUBLIC PARTICIPATION:

Pursuant to Section 286.0114, Florida Statutes, effective October 1, 2013, the public is invited to speak on any "proposition" before a board, commission, council, or appointed committee takes official action regardless of whether the issue is on the Agenda. Certain exemptions for emergencies, ministerial acts,

etc. apply. This public participation does not affect the right of a person to be heard as otherwise provided by law.

EXPARTE COMMUNICATIONS

Oral or written exchanges (sometimes referred to as lobbying or information gathering) between a Council Member and others, including staff, where there is a substantive discussion regarding a quasi-judicial decision by the City Council. The exchanges must be disclosed by the City Council so the public may respond to such exchanges before a vote is taken.

Proclamation



PUBLIC SERVICE RECOGNITION WEEK

WHEREAS, Americans are served every single day by public servants at the federal, state, county and city levels. These unsung heroes do the work that keeps our nation going, and without these public servants at every level, stability would be impossible in a democracy that regularly changes its leaders and elected officials; and

WHEREAS, The City of Green Cove Springs is especially proud of our public servants which include police officers, customer service representatives, meter readers, laborers, and administrative staff; and

WHEREAS, The dedicated employees of the City of Green Cove Springs provide an important public service to our community on a daily basis, working hard to ensure our city is clean and safe, and makes "Cove Life" a shining example in Clay County.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

Section 1. The week of May 7 through May 13, 2023 is proclaimed as **"PUBLIC SERVICE RECOGNITION WEEK"**.

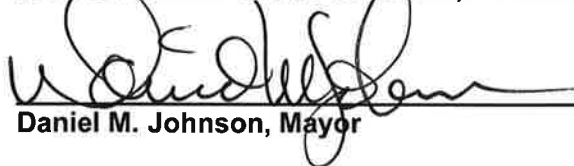
Section 2. The City Council calls upon all citizens to recognize the accomplishments and contributions of government employees at all levels – federal, state, county, and city.

Section 3. A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 2ND DAY OF MAY, 2023.



CITY OF GREEN COVE SPRINGS, FLORIDA


Daniel M. Johnson, Mayor

ATTEST:


Erin West, City Clerk

Proclamation



WHEREAS, in 1962, President Kennedy proclaimed May 15 as National Peace Officers Memorial Day and the calendar week in which May 15 falls, as National Police Week; and

WHEREAS, the dedicated members of the Green Cove Springs Police Department work devotedly and selflessly on behalf of the citizens of the City of Green Cove Springs, regardless of the peril or hazard to themselves; and

WHEREAS, the members of our police department play an important role in protecting the rights and freedoms of the citizens of our community; and

WHEREAS, it is important that all citizens know and understand the duties and responsibilities of their police department, and that members of our police department recognize their duty to serve the people by safeguarding life and property, defending them against violence or disorder, and guarding the innocent against deception and the weak against oppression, and

WHEREAS, our police department has grown to be a modern and well-respected law enforcement agency which unceasingly provides a vital public service; and

WHEREAS, U.S. flags should be flown at half-staff on May 15th for Peace Officers Memorial Day, in honor of all fallen officers and their families.

NOW, THEREFORE, be it proclaimed that the City Council of Green Cove Springs, Florida, hereby proclaims May 14-20, 2023, as National Police Week in the City of Green Cove Springs, and publicly salutes the service of law enforcement officers in our community and in communities across the nation.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 2ND DAY OF MAY, 2023.



CITY OF GREEN COVE SPRINGS, FLORIDA

[Handwritten signature of Daniel M. Johnson]

Daniel M. Johnson, Mayor

ATTEST:

[Handwritten signature of Erin West]

Erin West, City Clerk

FMPA Monthly Report

May 2023

Rate Call

The average price of natural gas for the month was \$4.82. Daily natural gas prices have fluctuated in the \$2.15-2.40 range over the last month. Pricing should stay at its current range until summer cooling needs increase power generation demand. The attached TEA presentation on the natural gas market provides an in-depth look at the natural gas market for the near future.

Natural gas accounted for 83% of the generation mix. Coal was 7% and nuclear was 4%. Solar generation was 2%.

The peak for the month was 27 March at 6PM.

Board of Directors

The Board approved the JEA membership application, the Strategic Planning Workshop report and the selection of a nominating committee for Board officers.

Information items included updates on the natural gas market, Human Resources quarterly report, Solar Projects update and Finance Committee update.

Executive Committee

The ARP Executive Committee approved the revocation and rescission of Starks's Section 2 notice.

Information items included generation integration and team update, generation and power sales update, Human Resources quarterly update and Solar projects update.

Policy Makers Liaison Committee

The PMLC had no action items on its agenda.

Information items included a review of the Strategic Planning workshop, Solar Projects, energy market update, generation asset acquisition, Florida Legislative update and opportunities for utility boards and governing bodies.

Energy Resources

Nuclear Barbarians (Podcast)

FMPA's Vision and Mission Statements Reviewed

Great Support for Existing Statements With No Changes

VISION

To sustainably be the lowest cost, and a reliable and clean wholesale power provider in Florida.

MISSION

To provide low-cost, reliable and clean power plus value-added services for FMPA's owner-customers that benefit their communities and customers.

FMPA's Value Statements Reviewed and Discussed

Board Chose to Emphasize 'Low Cost' By Adding It to Values

VALUES

- A culture that values both our employees and operating agents and their safety
- Teamwork among our employees and our public power member-owner-customers
- Trust built through honesty, integrity, transparency, open communications and respect
- Employee development, recognition, reward and empowerment
- Low-cost electricity for all customers
- Environmentally responsible operations and consider impacts of raw materials/processing thereof in new resources decisions
- Member and employee diversity and inclusion
- Innovation and excellence
- The individual needs and desires of FMPA's owner-customers shall be given the strongest consideration consistent with the best interests of all owner-customers

Board of Directors' Top-Ranked Strategic Priorities

Top 6 of 8 Strategic Priorities Ranked in Priority Order

	Board of Directors' Top Strategic Priorities	Score
1	Advocate for abundant natural gas supply and pipeline expansions to keep costs low	6.60
2	Begin engaging in discussions to explore viable nuclear resource opportunities	6.27
3	Explore expanding membership in the Florida Municipal Power Pool	4.87
4	Evaluate capital funding strategies that align debt utilization with competitive rates	4.07
5	Continue gradual pursuit of new solar and battery opportunities	3.80
6	Identify our retail customers' energy priorities regarding electricity needs	3.73

15 Board members responded



Executive Committee’s Top-Ranked Strategic Priorities

Top 4 of 6 Strategic Priorities Ranked in Priority Order

	Executive Committee’s Top Strategic Priorities	Score
1	Develop systematic approach to reducing exposure to natural gas for power-cost stability	5.00
2	Continue high availability for FMPPA’s low-cost generating resources	4.18
3	Maximize asset value/minimize costs with significant expansion of the Florida Municipal Power Pool	4.00
4	Pursue more municipal third-party sales that add value to ARP and municipal customers	3.46

11 Executive Committee members responded

AGENDA ITEM 8 – ACTION ITEMS

**c. Appointment of a Nominating
Committee**

**Board of Directors Meeting
April 20, 2023**



8c - Appointment of a Nominating Committee

Board of Directors

April 20, 2023

Appointment of a Nominating Committee

- FMPA By-Laws provide:
 - Board must appoint a Nominating Committee 60 days prior to annual meeting;
 - Nominating Committee to consist of 3 directors – one each from the small, medium and large city FMPA members (see attachment);
 - Committee members serve until resignation or replacement appointed by Board;
 - A Member of the Nominating Committee may not be nominated by the committee for a Board Officer position
- Current small city member (Howard McKinnon, Havana) is willing to continue serving on the committee if appointed
- Lynne Mila, Clewiston, from the medium city members and Doug Peebles, Ocala, from the large city members have also volunteered to serve if appointed
- Other volunteers or appointments may be considered and voted on at the Board meeting

Recommended Motion

- Move approval of appointment of _____, on behalf of the FMPA small cities, _____, on behalf of the FMPA medium cities, and _____, on behalf of the FMPA large cities, to serve on the FMPA Nominating Committee.

FMPA Nominating Committee Candidates 2022-2023
Updated April 11, 2023

Yellow Highlight is Current Nominating Committee Members
Green Highlight is Current Board Officers

Utility Member	Board Rep	kWh Sales (retail)
Small Members		
Bushnell	Christina Simmons	5,601,607
Moore Haven	Vacant	18,174,930
Havana	Howard McKinnon	23,918,997
Blountstown	Traci Hall	30,057,897
Chattahoochee	Robert Presnell	36,280,808
Newberry	Mike New	37,549,216
Fort Meade	Jan Bagnall	42,124,551
Williston	Vacant	42,124,551
Wauchula	James Braddock	62,492,464
Starke	Drew Mullins	69,110,586
Mount Dora	Steve Langley	90,956,240
	Medium Members	
Clewiston	Lynne Mila	100,404,219
Green Cove Springs	Bob Page	107,769,000
Quincy	Rob Nixon	123,847,023
Alachua	Rodolfo Valaderas	133,927,344
Bartow	Brad Hiers	292,667,099
Winter Park	Dan D'Alessandro	422,033,827
New Smyrna Beach	Joe Bunch	447,456,181
Lake Worth Beach	Ed Liberty	474,399,123
Leesburg	Brad Chase	495,831,762
Homestead	Barbara Quiñones	555,480,956
	Large Members	
Fort Pierce	Javier Cisneros	576,927,000
Jacksonville Beach	Allen Putnam	708,043,803
Key West	Lynne Tejeda	728,024,651
St. Cloud	Kolby Urban	747,369,172
Ocala	Doug Peebles	1,306,528,144
Kissimmee	Larry Mattern	1,665,932,000
Gainesville	Dino DeLeo	1,796,198,999
Tallahassee	Tony Guillen	2,588,285,532
Lakeland	Mike Beckham	3,251,208,000
Orlando	Claston Sunanon	6,828,878,000

**AGENDA ITEM 9 – INFORMATION
ITEMS**

a. Natural Gas Market Update (TEA)

**Board of Directors Meeting
April 20, 2023**



NATURAL GAS OUTLOOK

MICHAEL GEHRING, CFA – *DIRECTOR, PORTFOLIO MANAGEMENT & ANALYTICS*

➤ U.S. NATURAL GAS

- BASICS
- DEMAND – LNG EXPORTS
- SUPPLY – U.S. PRODUCTION
- FORWARD PRICING

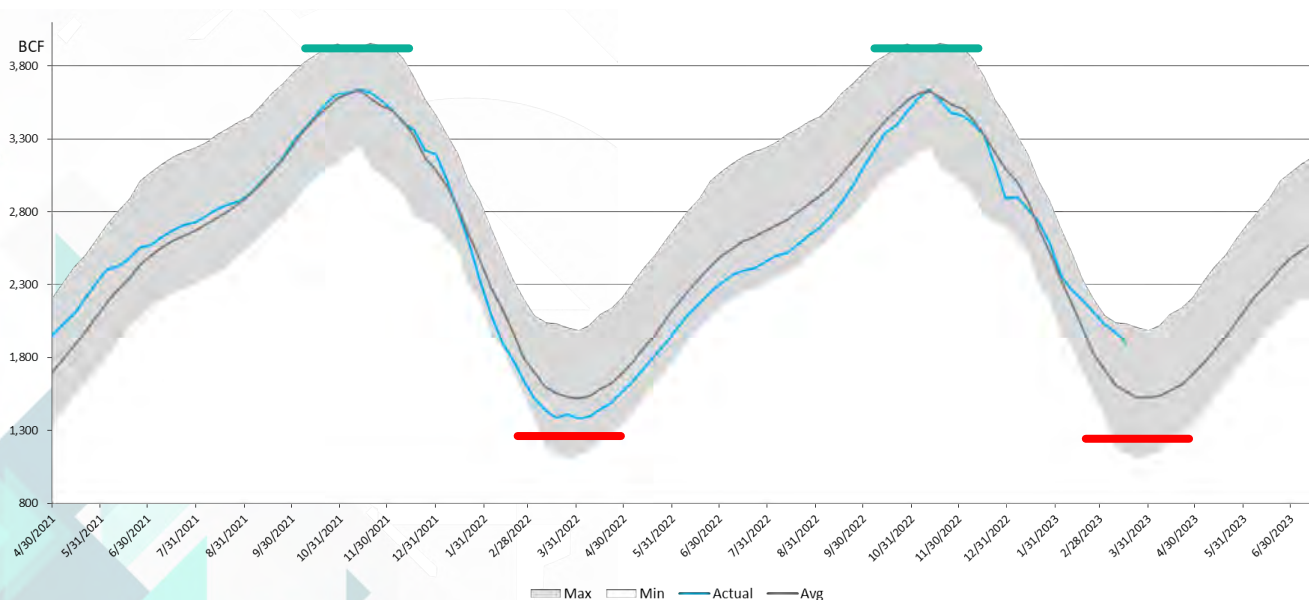
➤ OUTLOOK

U.S. NATURAL GAS

OVERVIEW



- **Historically a closed system with finite full (~4 TCF) and empty (~1 TCF) storage levels**
 - Market constantly gyrating between surplus or scarcity pricing scenarios
 - Generally, prices reflect expected value based on supply / demand projections (*e.g. probability-based*)
- **Significant LNG demand will widen range of possible pricing outcomes**



Surplus prices down to cash **costs of supply**
(~\$1 in Marcellus = ~\$1.65 Henry Hub)

Scarcity prices up to **costs of demand**
(e.g. gas → coal \$4-7, LNG exports arb \$15+)

Example: Export arb is \$50... 10% chance of needing to “buy” the LNG demand to prevent stock-out
\$50 x 10% = \$5/mmbtu risk premium

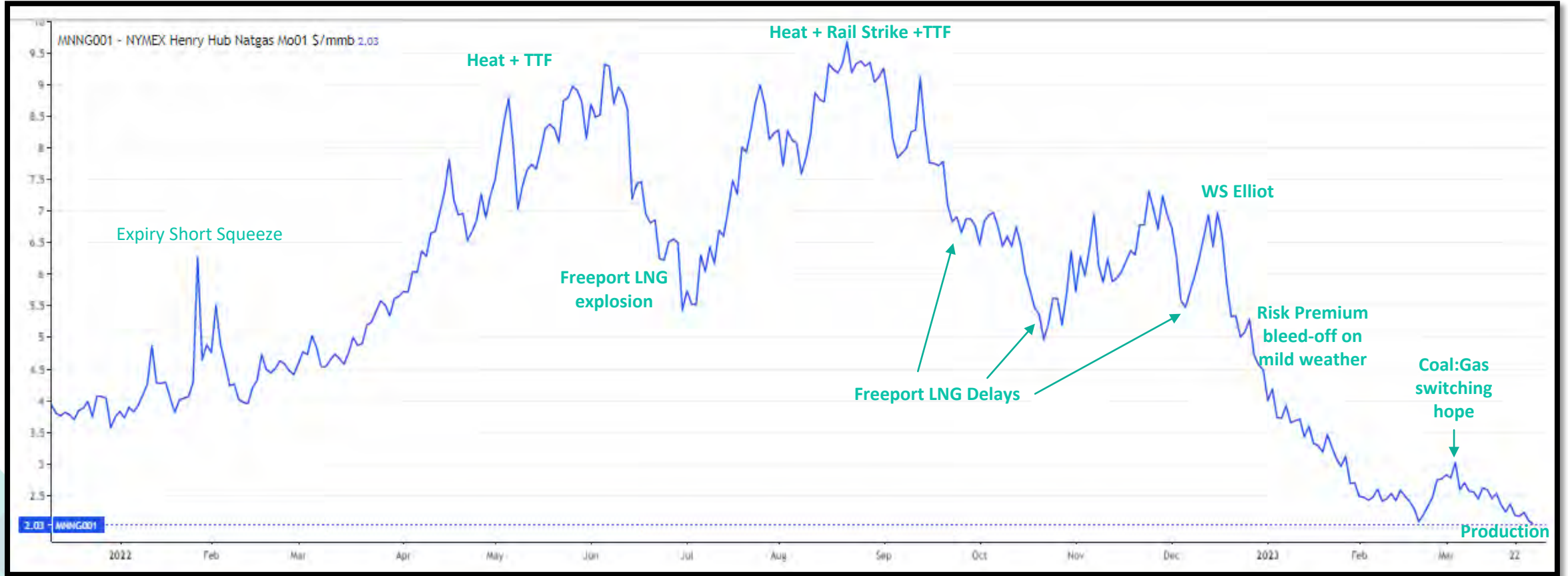
WHAT HAPPENED LAST YEAR?

- **Almost** everything went right for the U.S. natural gas bulls in 2022
 - + 4Q '21: Nord Stream 2 approvals held up by regulators... kickstarting TTF bid
 - + March '22: Below average end of winter storage (~1400 TCF)
 - + 2Q '22: Russia starts periodically cutting flows to Europe
 - + 2/3Q '22: 190MB crude SPR release mutes pace of Permian production growth (via price)
 - + Summer 22: Weather was downright HOT
 - + Summer 22: Coal gen preserve dwindling piles for winter
 - + 3Q '22: Calcasieu Pass LNG achieves full start-up earlier than expected
 - + September '22: Rail strike (round 1)
 - + December '22: Rail strike (round 2)
 - + December '22: Winter Storm Elliot

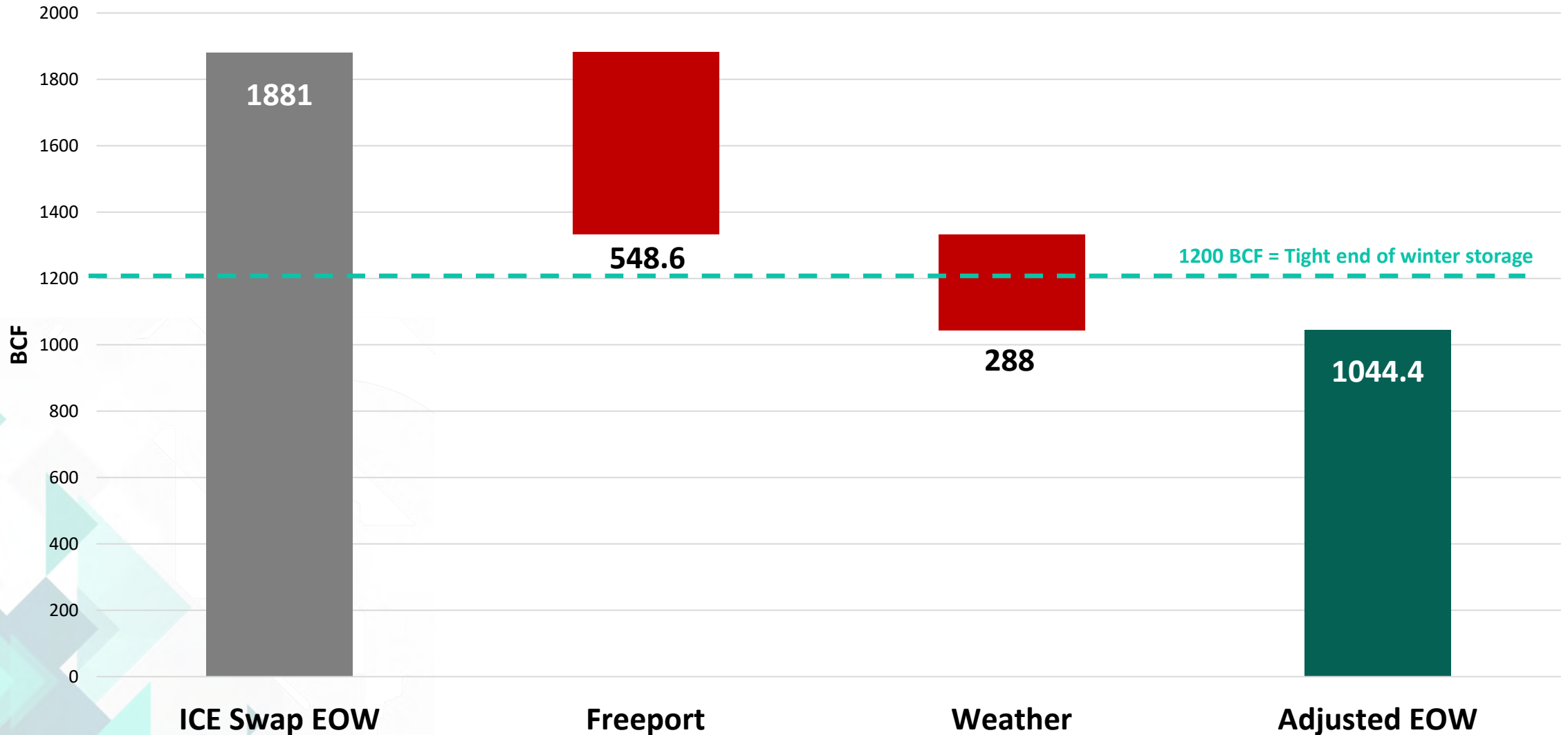
- **Almost...**
 - **FREEPORT LNG explosion** June 6th (2 BCFD)
 - **Winter verifying warmer** than normal



WHAT HAPPENED LAST YEAR?



NETTING OUT FREEPORT AND WEATHER... WOULD BE SUPER TIGHT



TEA

MARKETINSIGHTS

#1 – WE GOT “LUCKY”

U.S. NATURAL GAS

DEMAND – LNG



LEVEL SET – GLOBAL GAS MARKETS (WINTER STRIP PRICING 3/29/22) *(transportation costs @ \$55k/d LNGC)*

Europe

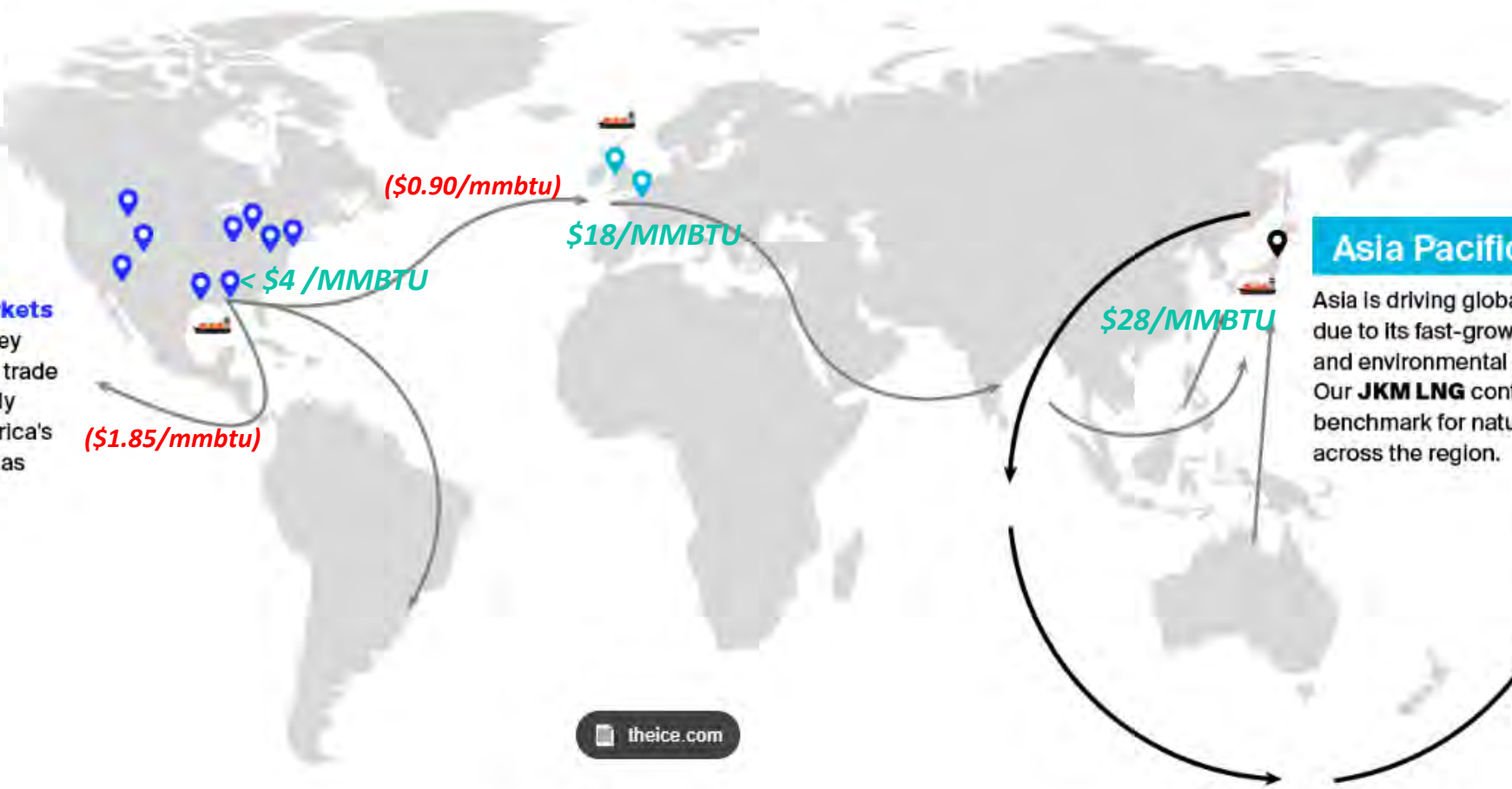
Northwest Europe's natural gas markets are a crucial driver for balancing the LNG market, with their diverse energy supply and flexible infrastructure. ICE's **NBP** and **TTF** are the most liquid natural gas trading hubs in Europe.

North America

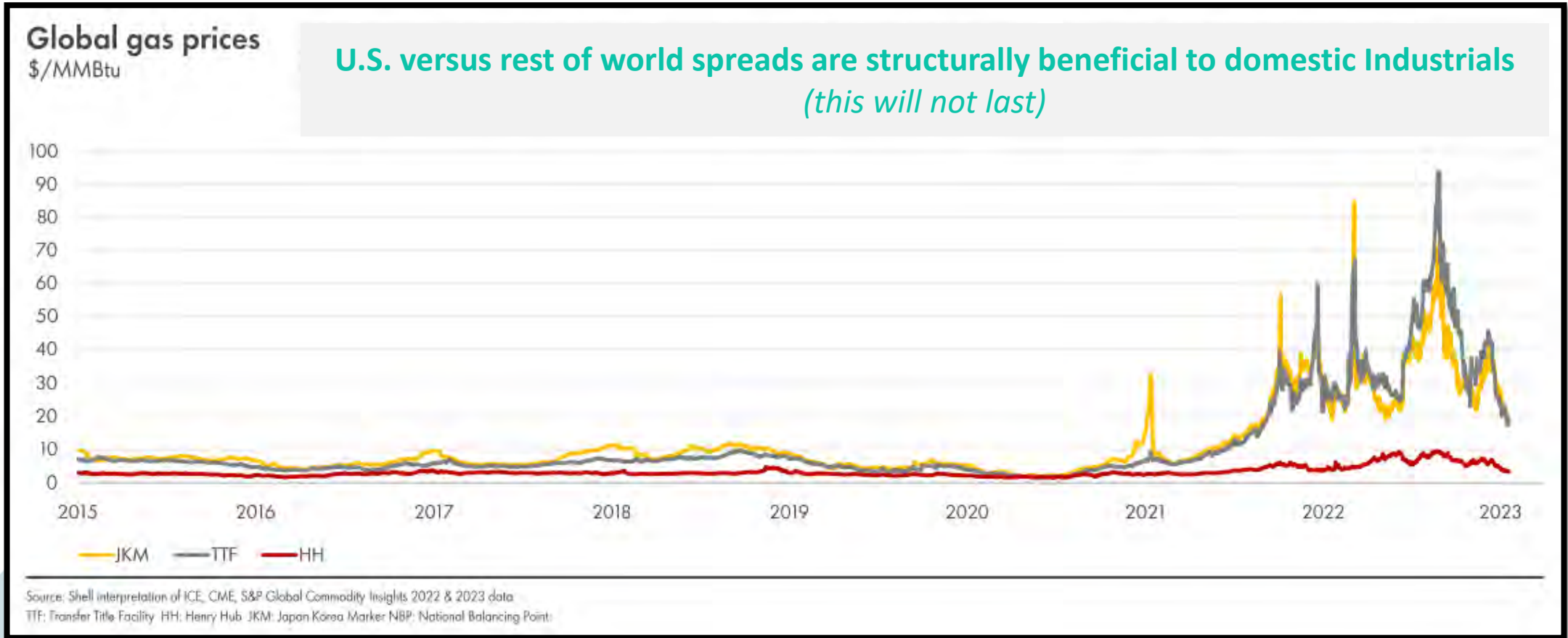
The Shale revolution has amplified the importance of ICE's **basis markets** as Henry Hub prices diverge from key Shale basins. Our 64 basis markets trade at prices reflective of regional supply and demand dynamics. North America's status as a key exporter of natural gas continues to strengthen.

Asia Pacific

Asia is driving global gas demand due to its fast-growing economies and environmental concerns. Our **JKM LNG** contract is the benchmark for natural gas across the region.



GAS PRICES ABROAD HAVE BEEN MUCH HIGHER THAN U.S.



LNG CAPACITY GROWTH – EXPECTATIONS

- **Growth to 2025 is real**, with projects under construction from **experienced, deep-pocket Sponsors**

- **CP2 / Plaquemines** – Venture Global
- **Golden Pass** – ExxonMobil + Qatar
- **Corpus Christi Stage 3** – Cheniere

- Beyond 2025 is **much less certain** but TEA Market Insights can **risk many out beyond 2028**

- **Remaining projects are highly likely** to be sanctioned for 2026-7 s/u

Chesapeake 4Q22 Earnings Deck (Feb 21, 2023)

Growing Exports Will be Significant to U.S. Gas Demand

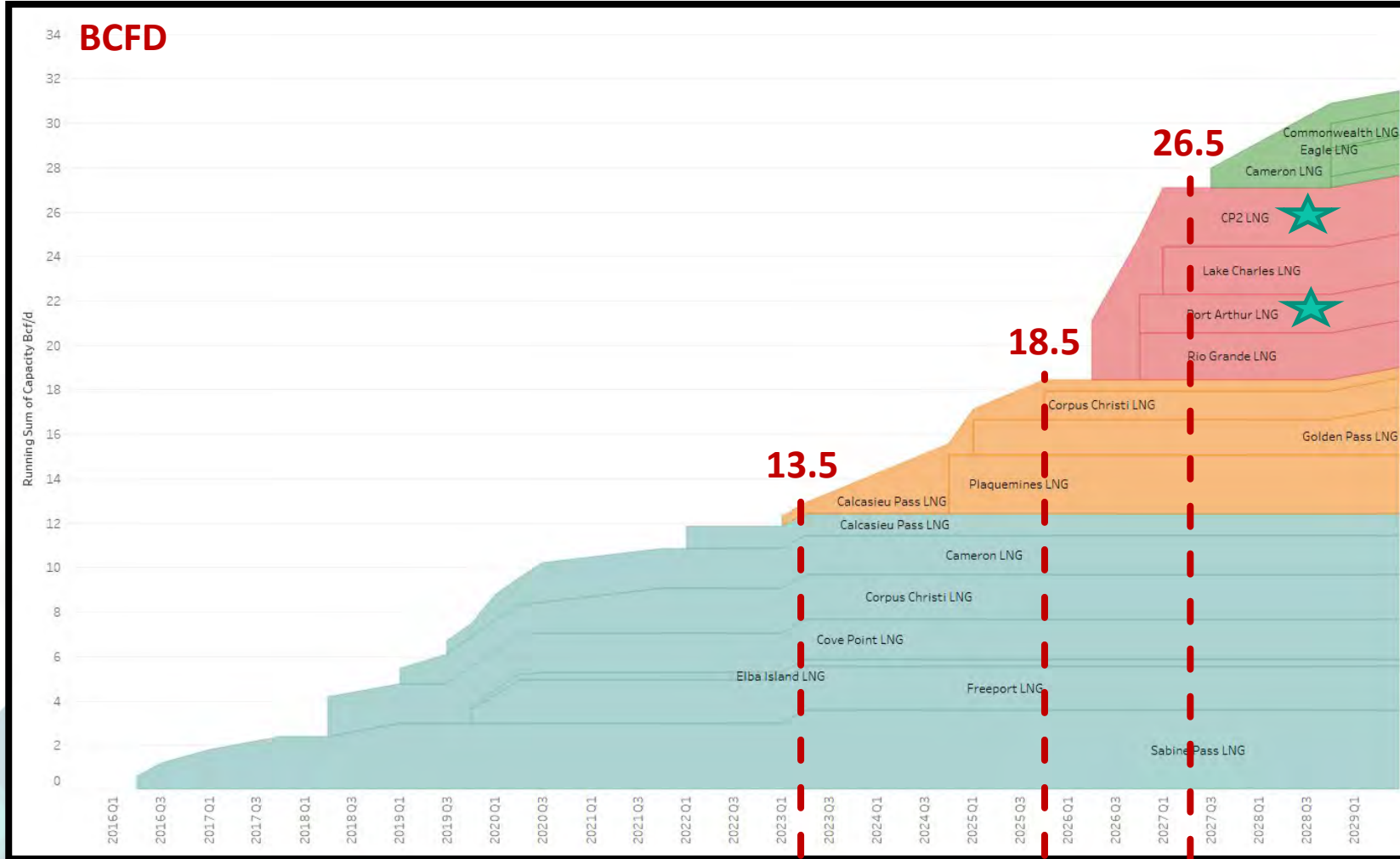
(U.S. LNG Capacity, bcf/d)¹¹

- Online LNG
- Under Construction LNG
- FERC and DOE Approved LNG

+6.7 bcf/d
of incremental LNG export demand by 2025



LNG CAPACITY GROWTH – TEA FORECAST



Unlikely

Likely

Under Construction

Operating

★ Recent FID Announcements

current

end-2026 mid-2027

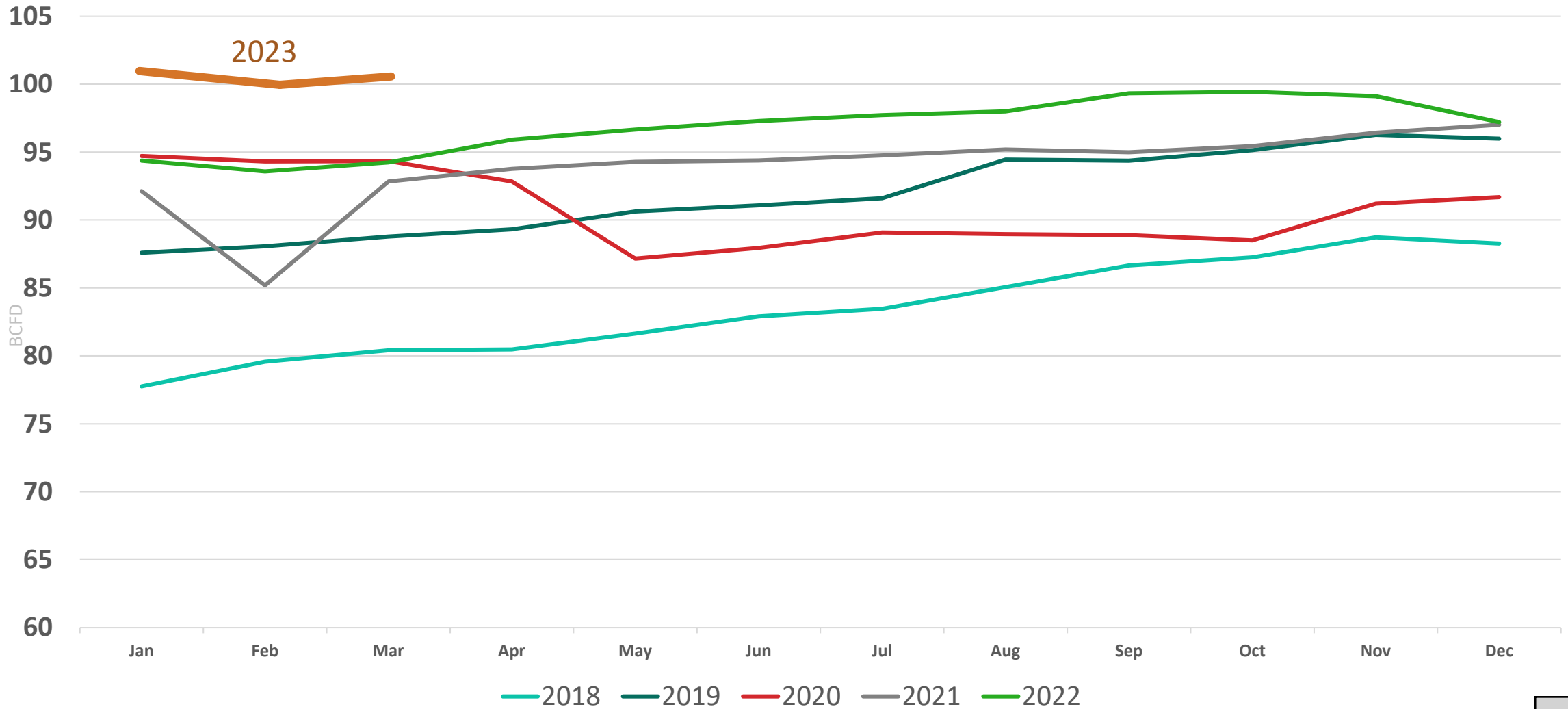
The logo for TEA Market Insights features the word "TEA" in a large, grey, sans-serif font, with a teal arc above it. Below "TEA", the words "MARKET INSIGHTS" are written in a smaller, teal, sans-serif font, with wide letter spacing.

#2 – GLOBAL LNG MARKETS MATTER TO YOU

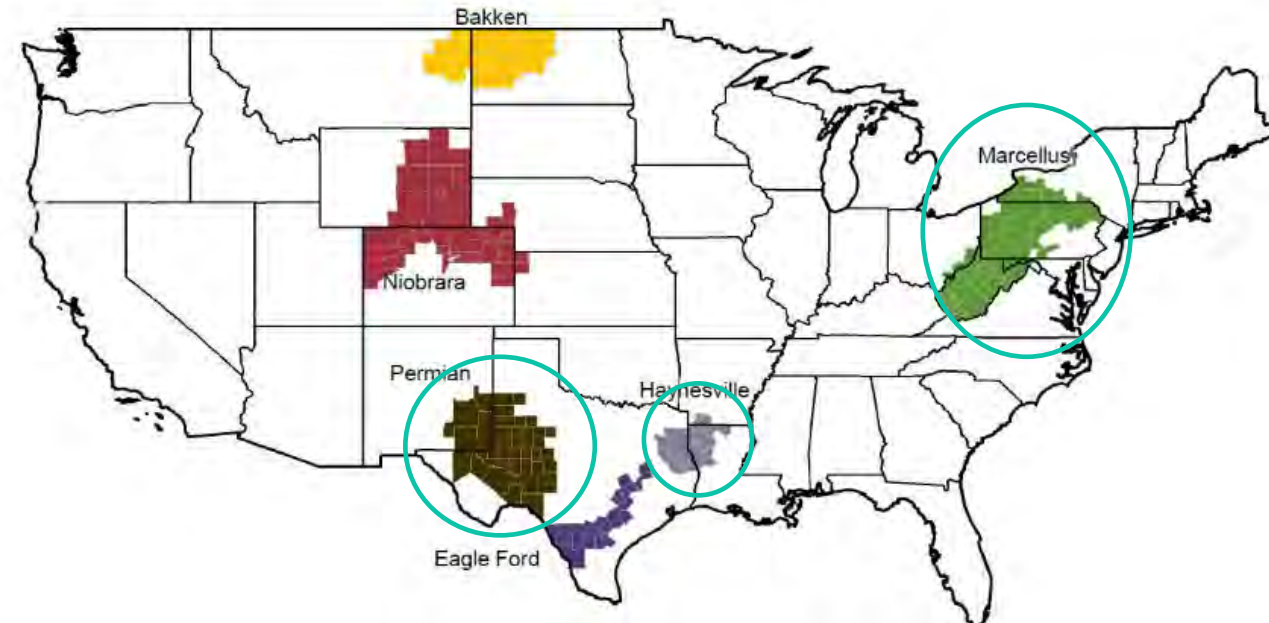
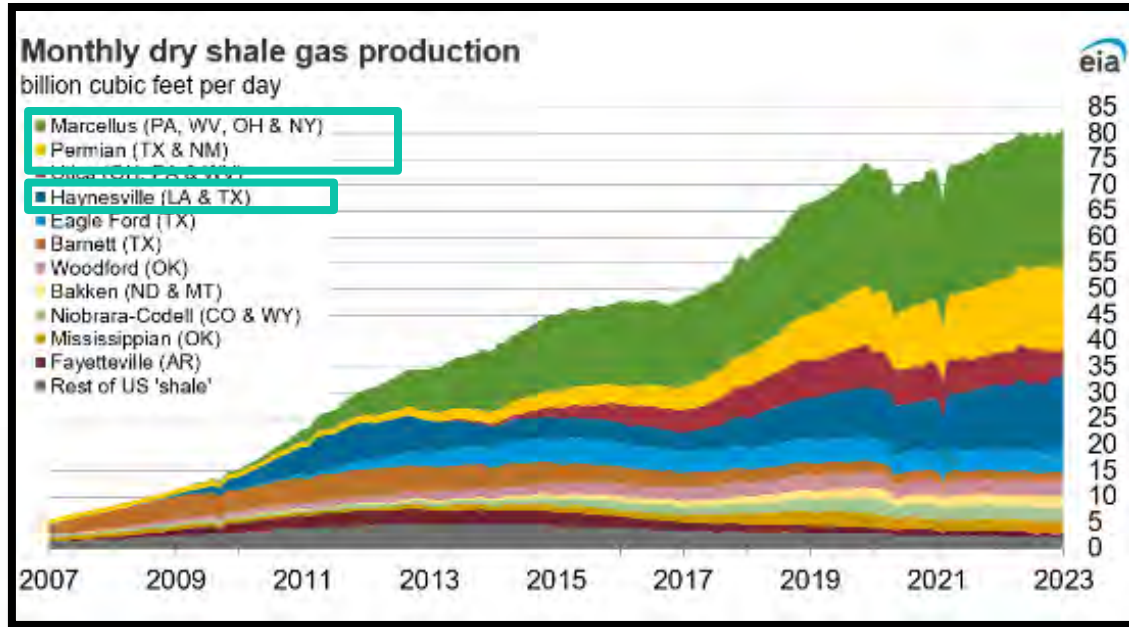
U.S. NATURAL GAS

SUPPLY – PRODUCTION

PRODUCTION IN CONTEXT



3 BASINS ARE CRITICAL FOR FORECASTING...



- **Producer decision criteria and economics is key**
- **Rig count, DUC count, and DAC count** all mean different things
- **Game theory, prisoner's dilemma, and production solidarity**

PRODUCER EARNINGS RECAP – 2023 GUIDANCE

- **Broad ACCEPTANCE that market will remain soft into 2024...**
 - Slightly lower (-3%) Haynesville; flat in Marcellus... *not enough to firm 2023*
 - Largely “stuck” in rig and frac crew contracts for 2023
 - Haynesville producers dropping 20% of drilling rigs... *points to firmer 2024*
 - Frac crews flat to slightly down... *points to increasing DUCs*
- **Capital efficiency is declining... higher breakevens**
 - Drilling costs are increasing... *producers seeing 25-45% increases y/y*
 - Productivity is decreasing... *moving to lower prolific areas of Marcellus and Haynesville*
- **Remain bullish Winter-2024+ prices commensurate LNG demand**
 - No one is selling forward at current strip... calling it “LNG ready”...
 - Financial wherewithal now to sustain low prices + decreasing production without impacting liquidity



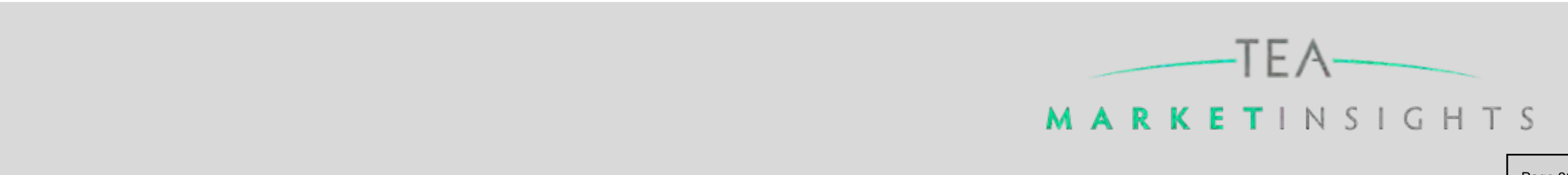
TEA
MARKET INSIGHTS

#3 – PRODUCERS WILL PROBABLY TRY TO JAM THE MARKET FOR LNG

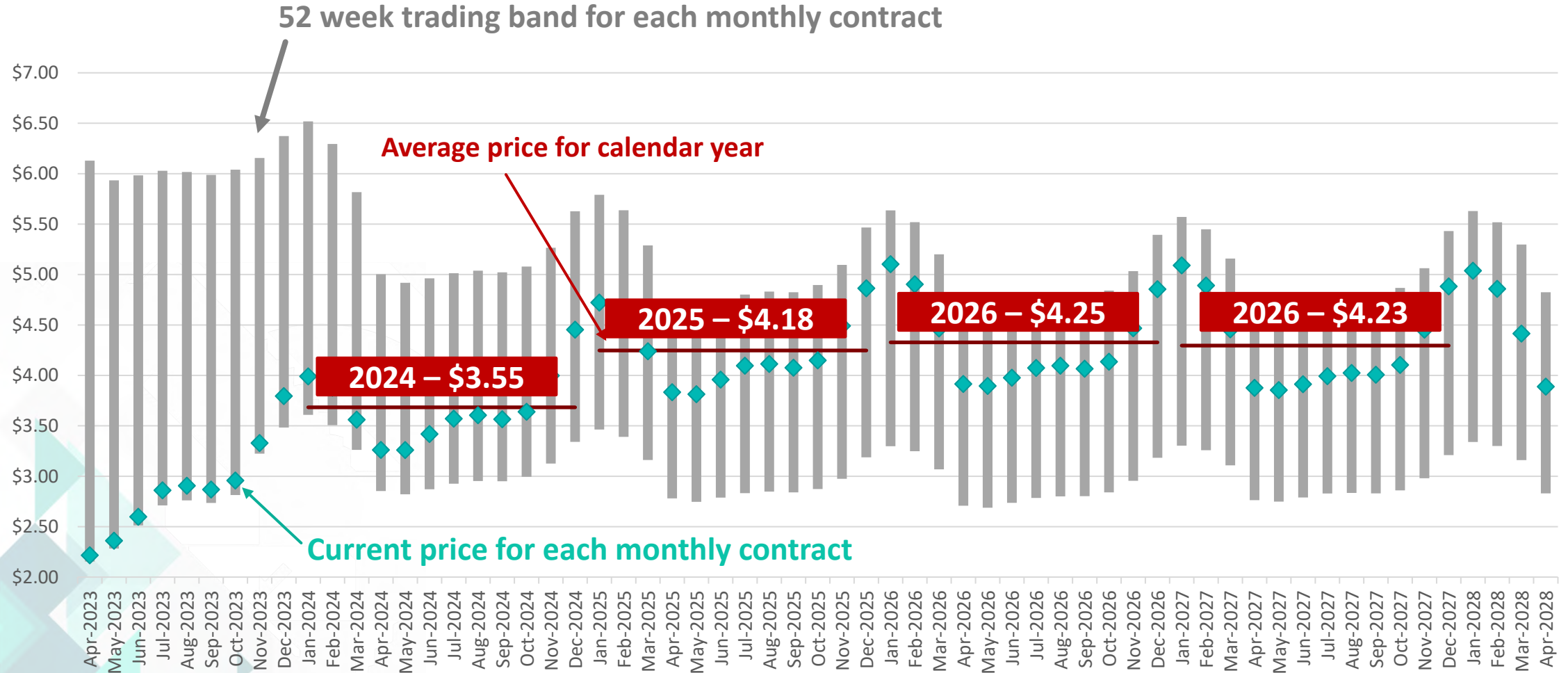


U.S. NATURAL GAS

FORWARD PRICING



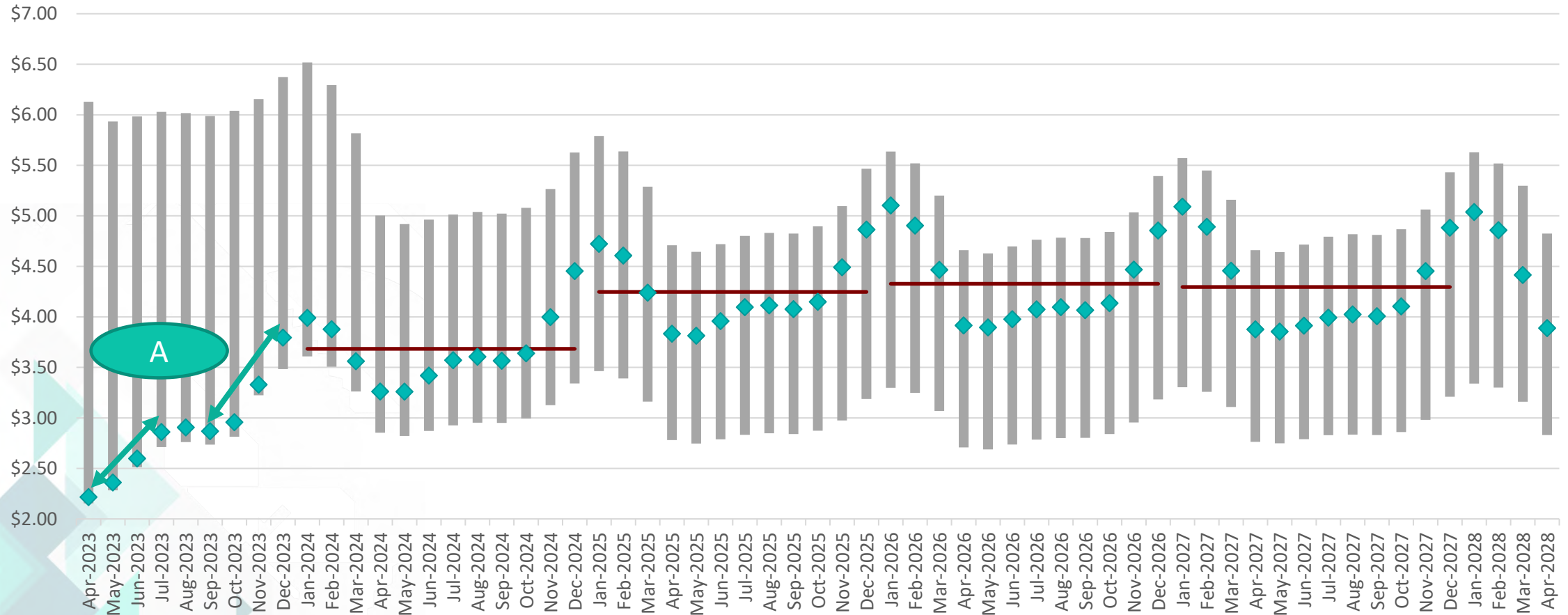
WHAT IS THE FORWARD CURVE TELLING US?



WHAT IS THE FORWARD CURVE TELLING US?

A. Steep contango from prompt → summer will drive producer actions... but will it be enough?

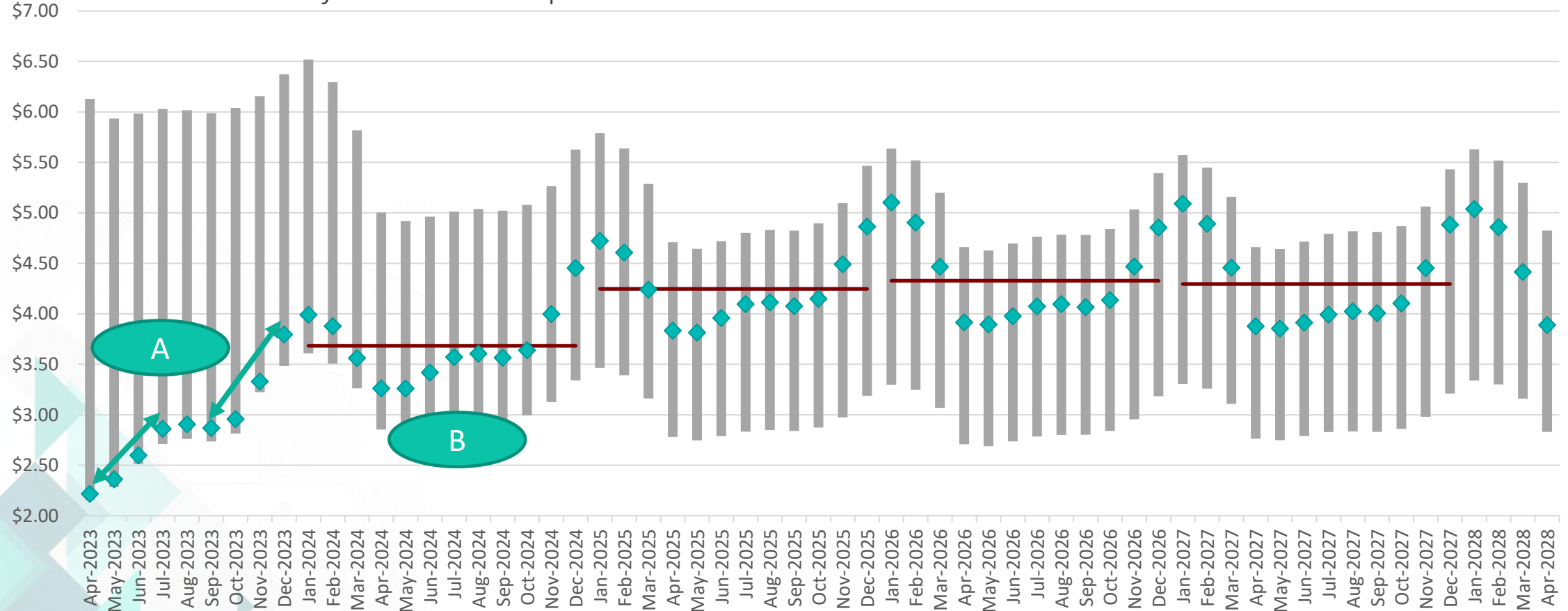
- Anticipate deferrals of new well flows to summer (and again to winter)... flattening the curve



WHAT IS THE FORWARD CURVE TELLING US?

B. Cal-24 at \$3.55 ~fair value given Producer marginal cost of new drilling (\$3.50a)

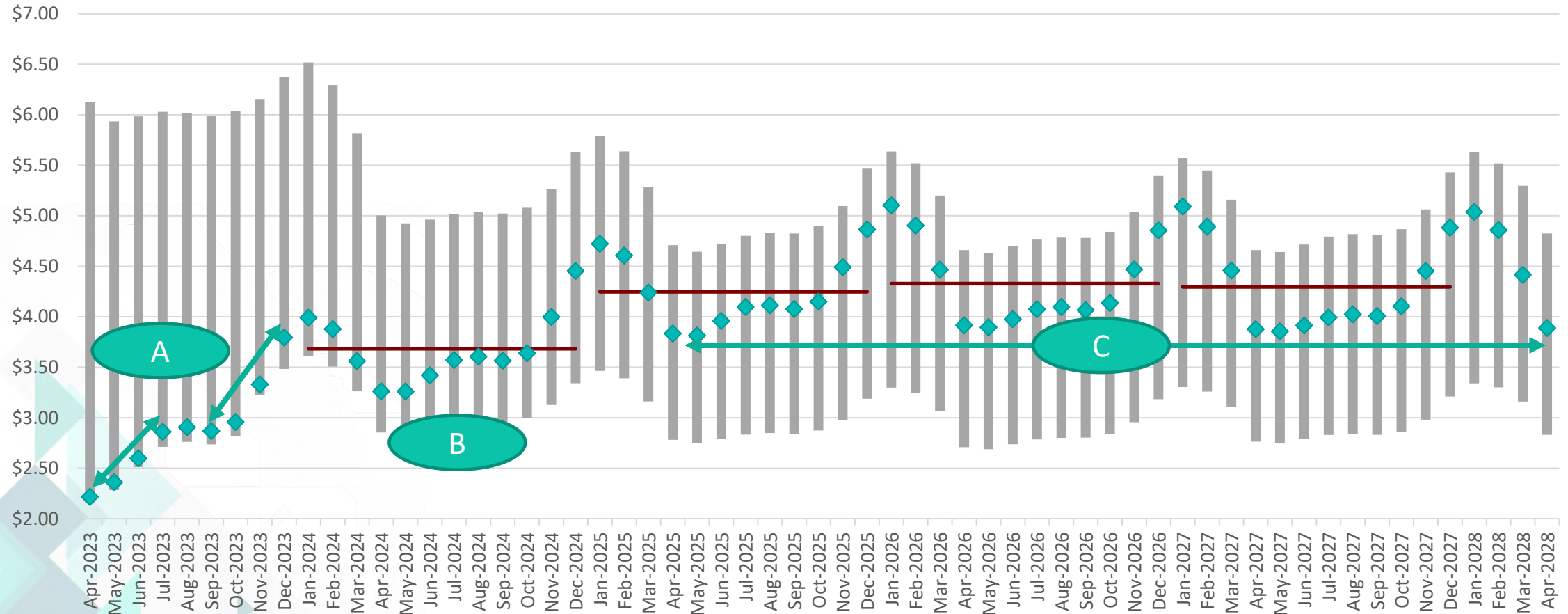
- Cutting Haynesville rigs in 2023 signals market that higher price is needed for new activity
- Potential for TTF rally and Producer discipline leans bullish



WHAT IS THE FORWARD CURVE TELLING US?

C. Cal-25 thru Cal-27 at ~\$4 assigns 50c premium to new supply cost

- TEA view that this **underprices** risk that Producers “mis-time” the +6BCFD demand growth



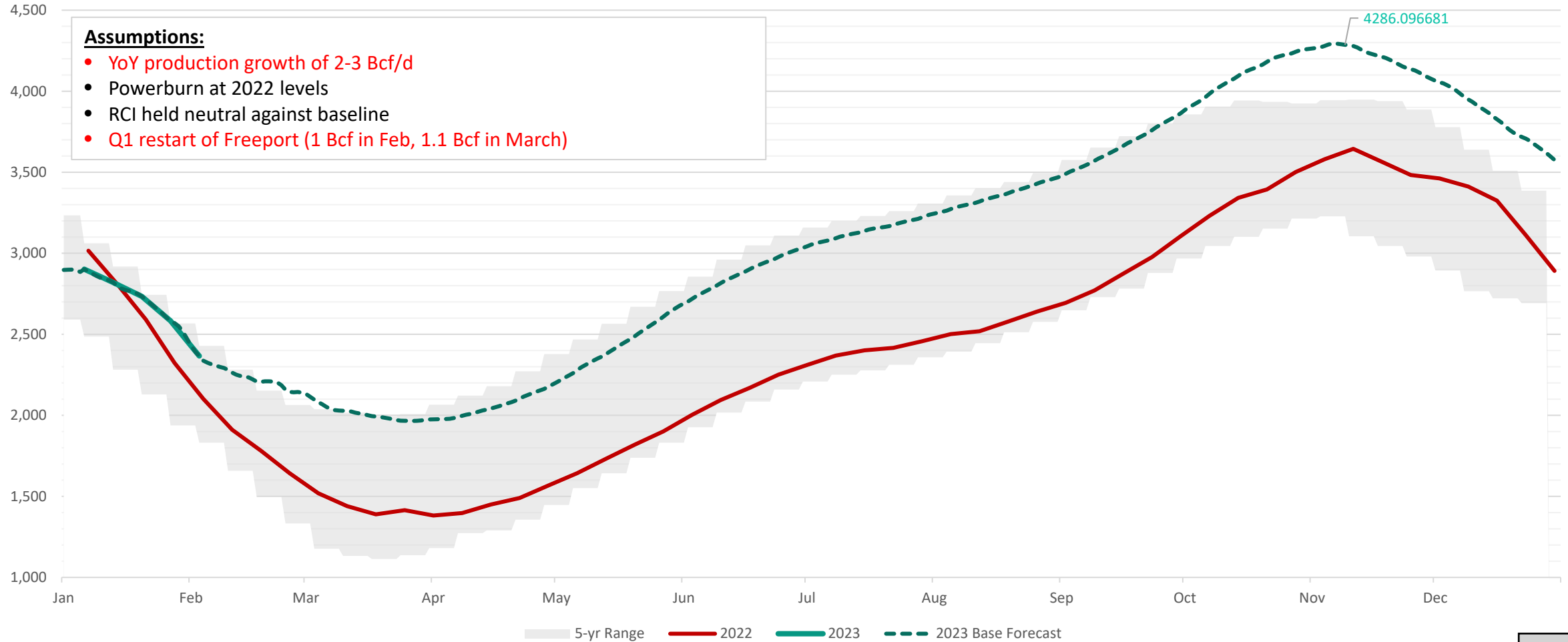


U.S. NATURAL GAS OUTLOOK

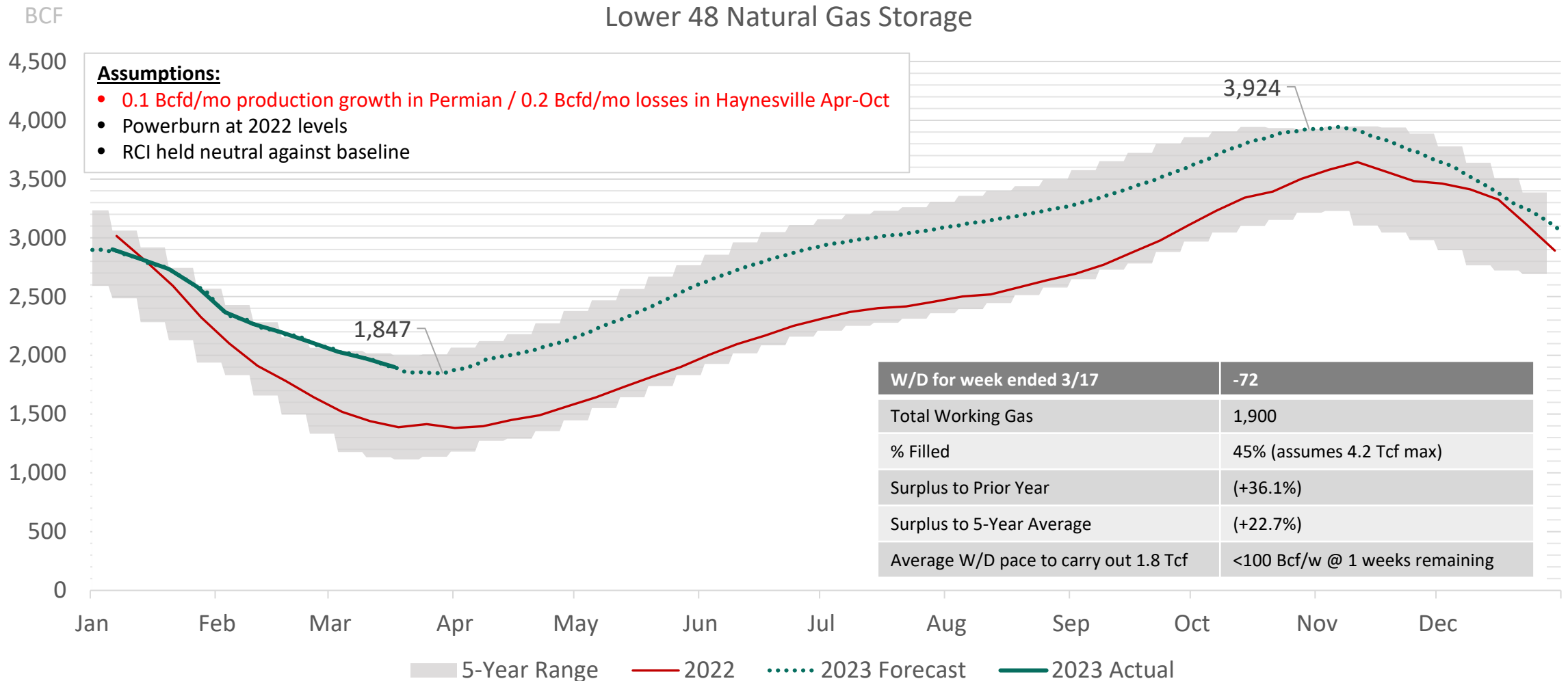


TEA FORECAST – FLAT PRODUCTION

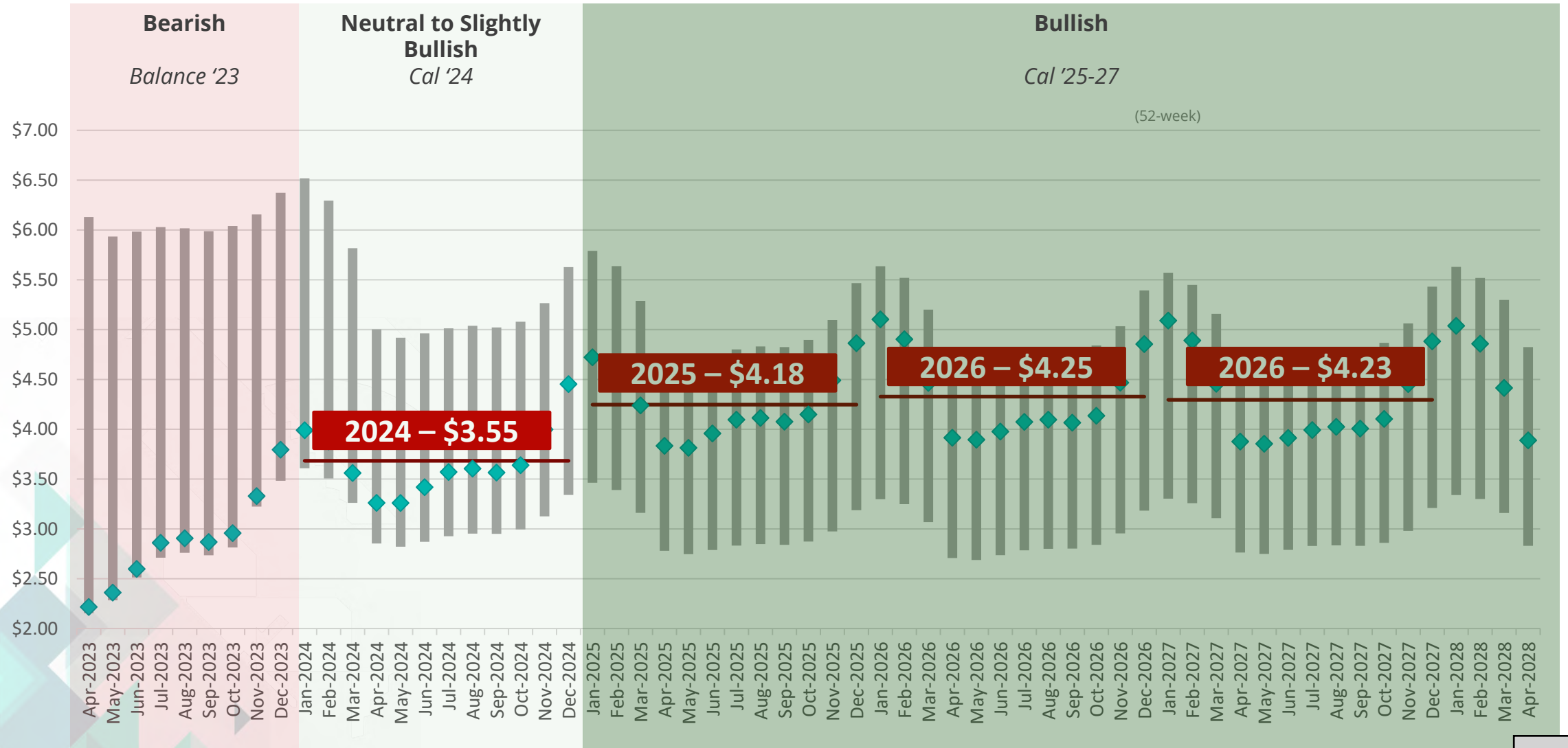
Lower 48 Storage



TEA FORECAST – ECONOMIC PRODUCTION DEFERRALS TEA MARKET INSIGHTS



SUMMARY – HENRY HUB



The logo features the word "TEA" in a grey, sans-serif font, centered and flanked by two thin, curved teal lines that sweep upwards and outwards. Below "TEA", the words "MARKET INSIGHTS" are written in a teal, spaced-out, sans-serif font.

TEA
MARKET INSIGHTS

#4 – BULLISH 2025-2027 OUTLOOK

RECAP OF KEY MESSAGES

1. WE GOT LUCKY
2. GLOBAL LNG MARKETS MATTER TO YOU
3. PRODUCERS WILL PROBABLY TRY TO JAM THE MARKET FOR LNG
4. BULLISH 2025-2027 OUTLOOK



THANK YOU **EXPECT VOLATILITY & PREPARE**

Proclamation

WHEREAS, men and women throughout the history of the United States of America have given a part of their lives to serve in the Armed Forces of the United States; and

WHEREAS, many of those men and women have paid the ultimate sacrifice in service to their country; and

WHEREAS, freedom and the preservation of our republic does not come cheap, and young men and women in Military Service continue to protect our freedom, our nation’s borders, and our families; and

WHEREAS, those who are serving now and those who have served in the military, serve with pride and honor and with our respect; and

WHEREAS, the “Tribute to Fallen Soldiers” display in Spring Park further serves as a reminder of the dedicated men and women who bravely served and sacrificed their lives defending our freedom; and

WHEREAS, the City of Green Cove Springs will celebrate its 35th Annual RiverFest event on Monday, May 29, 2023, honoring the men and women of our Armed Forces for their devoted service to the United States of America; recognizing the many Wounded Warriors and their families and all the brave men and women who have paid the ultimate sacrifice of service defending our republic and the freedom we as Americans and our allies around the world are privileged to enjoy.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

SECTION 1. I, Daniel M. Johnson, Mayor of Green Cove Springs, on behalf of the City Council and the Citizens of Green Cove Springs, do hereby proclaim, Monday, May 29, 2023, as “**MILITARY SERVICE DAY**” in Green Cove Springs.

SECTION 2. A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 16TH DAY OF MAY, 2023.

CITY OF GREEN COVE SPRINGS, FLORIDA



Daniel M. Johnson, Mayor

Attest:

Erin West, City Clerk

Proclamation

WHEREAS, for nearly 100 million Americans, boating continues to be a popular recreational activity. From coast to coast, and everywhere in between, people are taking to the water and enjoying time together boating, sailing, paddling and fishing. During National Safe Boating Week, the U.S. Coast Guard and its federal, state, and local safe boating partners encourage all boaters to explore and enjoy America's beautiful waters responsibly; and

WHEREAS, safe boating begins with preparation. The Coast Guard estimates that human error accounts for most boating accidents and that life jackets could prevent nearly 83 percent of boating fatalities. Through basic boating safety procedures - carrying lifesaving emergency distress and communications equipment, wearing life jackets, attending safe boating courses, participating in free boat safety checks, and staying sober when navigating - we can help ensure boaters on America's coastal, inland, and offshore waters stay safe throughout the season; and

WHEREAS, National Safe Boating Week is observed to bring attention to important life-saving tips for recreational boaters so that they can have a safer, more fun experience out on the water throughout the year; and

WHEREAS, on average, 650 people die each year in boating-related accidents in the U.S.; 75 percent of these are fatalities caused by drowning; and

WHEREAS, the vast majority of these accidents are caused by human error or poor judgment and not by the boat, equipment or environmental factors; and

WHEREAS, a significant number of boaters who lose their lives by drowning each year would be alive today had they worn their life jackets.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

SECTION 1. The City of Green Cove Springs, Florida hereby support the goals of the Safe Boating Campaign and proclaim May 20– 26, 2023 as National Safe Boating Week and the start of the year-round effort to promote safe boating and urges those who boat to practice safe boating habits and wear a life jacket at all times while boating.

SECTION 2. A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 16TH DAY OF MAY, 2023.



CITY OF GREEN COVE SPRINGS, FLORIDA

Daniel M. Johnson, Mayor

ATTEST:

Erin West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session **MEETING DATE:** May 2, 2023
FROM: Scott Schultz, Asst. Water Utilities Director
SUBJECT: City Council approval to surplus Police Boat # 142, a 1995 Cobia center console which has surpassed its useful life cycle.

BACKGROUND

Police staff have replaced this vessel and request the surplus of vessel # 142

FISCAL IMPACT

Funds received through public auction will be returned to the General Fund

RECOMMENDATION

Approve the surplus of Police Boat # 142



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council **MEETING DATE:** May 2, 2023
FROM: Michael Daniels, Development Services Director
SUBJECT: City Council approval of Walnut Street Roadway Plans and Parking lot between Palmetto Avenue and the St Johns River. *Michael Daniels*

BACKGROUND

In December of 2021, the City approved the conceptual design plan for the redevelopment of Walnut Street primarily focusing on the area between Palmetto Avenue and the St Johns River. The conceptual design focused on implementing streetscape and landscape design that would:

- Improve the quality of design
- Activate the downtown area
- Provide increased connectivity for all multimodal users
- Provide a sense of place

The City has hired WGI to provide the design for the Walnut Street project which include the following improvements:

- A revised street alignment that includes additional parking along between Orange Avenue and the St John's
- A narrowed street alignment along the Palmetto to Orange block which removes the parking from the south side to allow for an expanded sidewalk area on both sides of Walnut that will allow for outdoor seating and additional landscaping.
- Decorative lighting shall be provided along the corridor following the existing lighting design that is provided within Spring Park.
- Enhanced landscaping is included particularly the inclusion of live oak trees within the Palmetto to Orange Avenue
- Inclusion of the City's wayfinding signage and downtown logo to replace existing signs along the corridor
- Removable bollards shall be provided at Palmetto, Orange and Magnolia Avenue to allow for street closure during Special Events.
- Roadway surface shall be real brick and stamped asphalt.
- On the Palmetto to Orange Avenue block, there shall be a mid-block crossing connecting to the alley.
- Development of an additional city parking area consisting of 25 parking spaces just south of the existing city parking area on the north side of Walnut between Magnolia and St Johns Avenue. The project will result in a net gain of 6 parking spaces and 2 handicapped spaces.

- The Planning and Zoning approved a waiver of Section 113-160(d)(1) which requires an average illumination of one footcandle equal to one lumen per square foot, and shall be well-distributed on the pavement areas; at no point shall illumination be less than one-fourth footcandle. The parking lot is proposed to have an average of .87 lumen per square foot. This is a minimum difference and will not have any impacts on the parking lot security or surrounding area. The reason for this waiver is to ensure that there is no light encroachment on the adjacent residential property to the east.

The proposed plans are included in the packet.

STAFF RECOMMENDATION

Staff is recommending approval of the Walnut Street and parking lot improvement plans.

RECOMMENDED MOTION

Motion to approve the Walnut Street Roadway design and parking lot improvement plans.

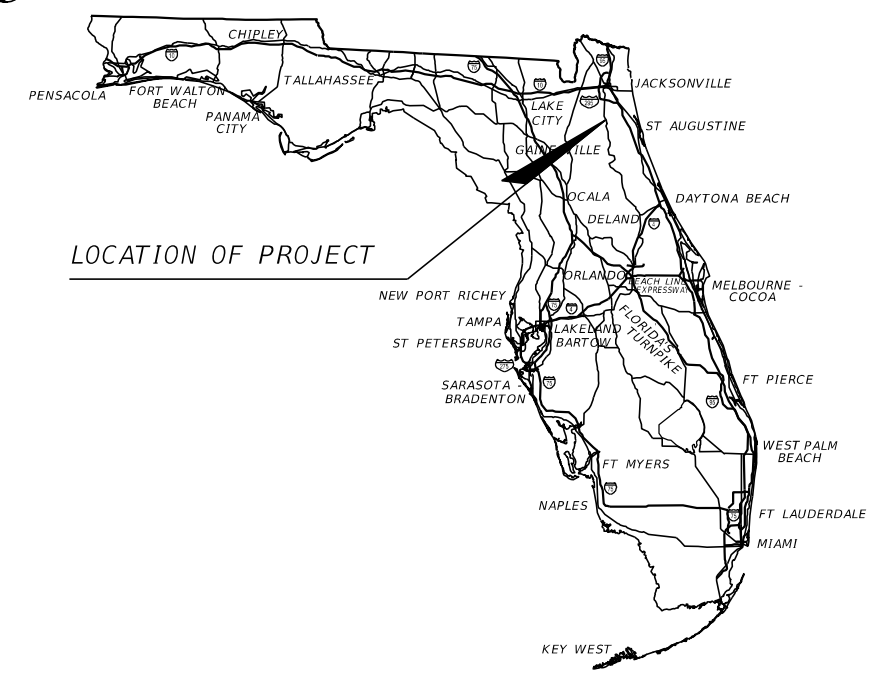




CITY OF GREEN COVE SPRINGS

CONTRACT PLANS COMPONENTS

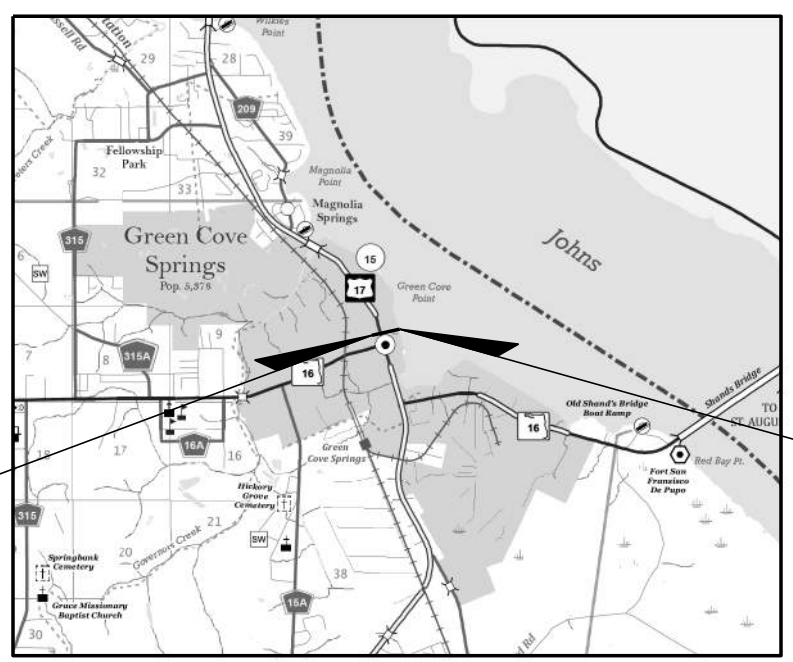
ROADWAY/LANDSCAPE/HARDSCAPE PLANS
LIGHTING PLANS



INDEX OF DRAWINGS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
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5 - 8	TYPICAL SECTION
9	PROJECT LAYOUT
10	PROJECT CONTROL SHEET
11 - 12	GENERAL NOTES
13 - 15	ROADWAY PLAN-PROFILE
16	CUL-DE-SAC DETAIL
17 - 19	DRAINAGE STRUCTURES
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31 - 32	UTILITY ADJUSTMENT PLAN
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45	PARKING LOT UTILITY ADJUSTMENT PLAN
LH-100 - LH-102	HARDSCAPE PLANS
LH-500 - LH-509	HARDSCAPE PLANS
HS-510	HARDSCAPE PLANS
LH-511 - LH-512	HARDSCAPE PLANS
LH-600	HARDSCAPE PLANS
LP-100 - LP-102	LANDSCAPE PLANS
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LP-500 - LP-501	LANDSCAPE DETAILS
LP-502 - LP-503	LANDSCAPE NOTES
IP-100 - IP-102	IRRIGATION PLANS
IP-500 - IP-501	IRRIGATION NOTES AND DETAILS
TD-100 - TD-102	TREE DISPOSITION PLANS
TD-500 - TD-502	TREE DISPOSITION PLANS
TD-600	TREE DISPOSITION PLANS

WALNUT ST. IMPROVEMENTS



BEGIN PROJECT
STA. 10+11.91

END PROJECT
STA. 23+73.48

PLANS PREPARED BY:



WGI, INC.
4371 U.S. HWY 17 SOUTH, SUITE 203
FLEMING ISLAND, FLORIDA 32003
TEL: 904-470-4503

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2022-23 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>

APPLICABLE IRs:

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JULY 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PROJECT OWNER:

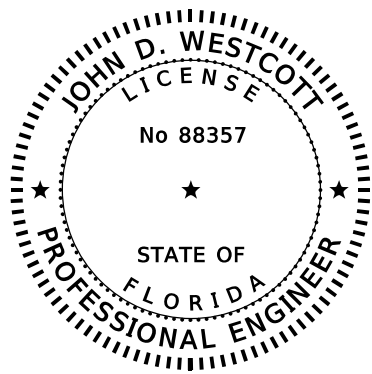
CITY OF GREEN COVE SPRINGS
321 WALNUT STREET
GREEN COVE SPRINGS, FL 32043
TEL: 904-297-7058

CITY OFFICIALS

MATT JOHNSON CONNIE BUTLER EDWARD GAW STEVEN KELLY THOMAS SMITH STEVE KENNEDY MIKE NULL STEVE THOMAS	MAYOR VICE MAYOR COUNCIL MEMBER COUNCIL MEMBER COUNCIL MEMBER CITY MANAGER PUBLIC WORKS DIRECTOR ASST. PUBLIC WORKS DIRECTOR
---	---

ENGINEER OF RECORD: JOHN D. WESTCOTT
P.E. NO.: 88357

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



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

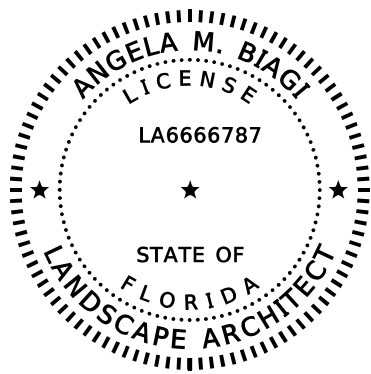
ON THE DATE ADJACENT TO THE SEAL

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WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003
JOHN D. WESTCOTT, PE NO. 88357

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
5 - 8	TYPICAL SECTION
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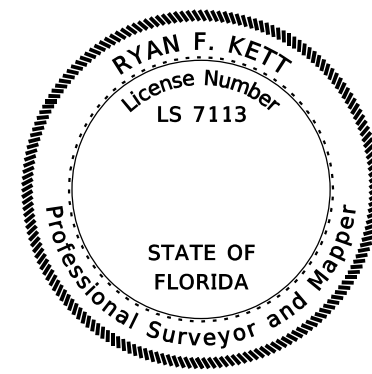
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WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411
ANGELA M. BIAGI, LA6666787

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

SHEET NO.	SHEET DESCRIPTION
LH-100 - LH-102	HARDSCAPE PLANS
LH-500 - LH-509	HARDSCAPE PLANS
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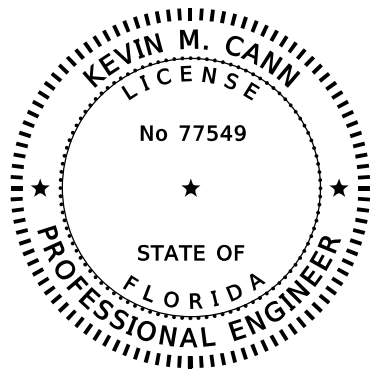
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WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH
SUITE 203, FLEMING ISLAND, FL 32003
RYAN F. KETT, PSM NO. 7113

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
11	PROJECT CONTROL SHEET



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WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003
KEVIN M. CANN, PE NO. 77549

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

SHEET NO.	SHEET DESCRIPTION
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3 - 4	DRAINAGE MAP
17 - 19	DRAINAGE STRUCTURES
20	DRAINAGE DETAIL
38	PARKING LOT DRAINAGE MAP
39	PARKING LOT GRADING DETAIL
40 - 41	PARKING LOT DRAINAGE DETAIL
42	PARKING LOT EROSION CONTROL PLAN

Item #7.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

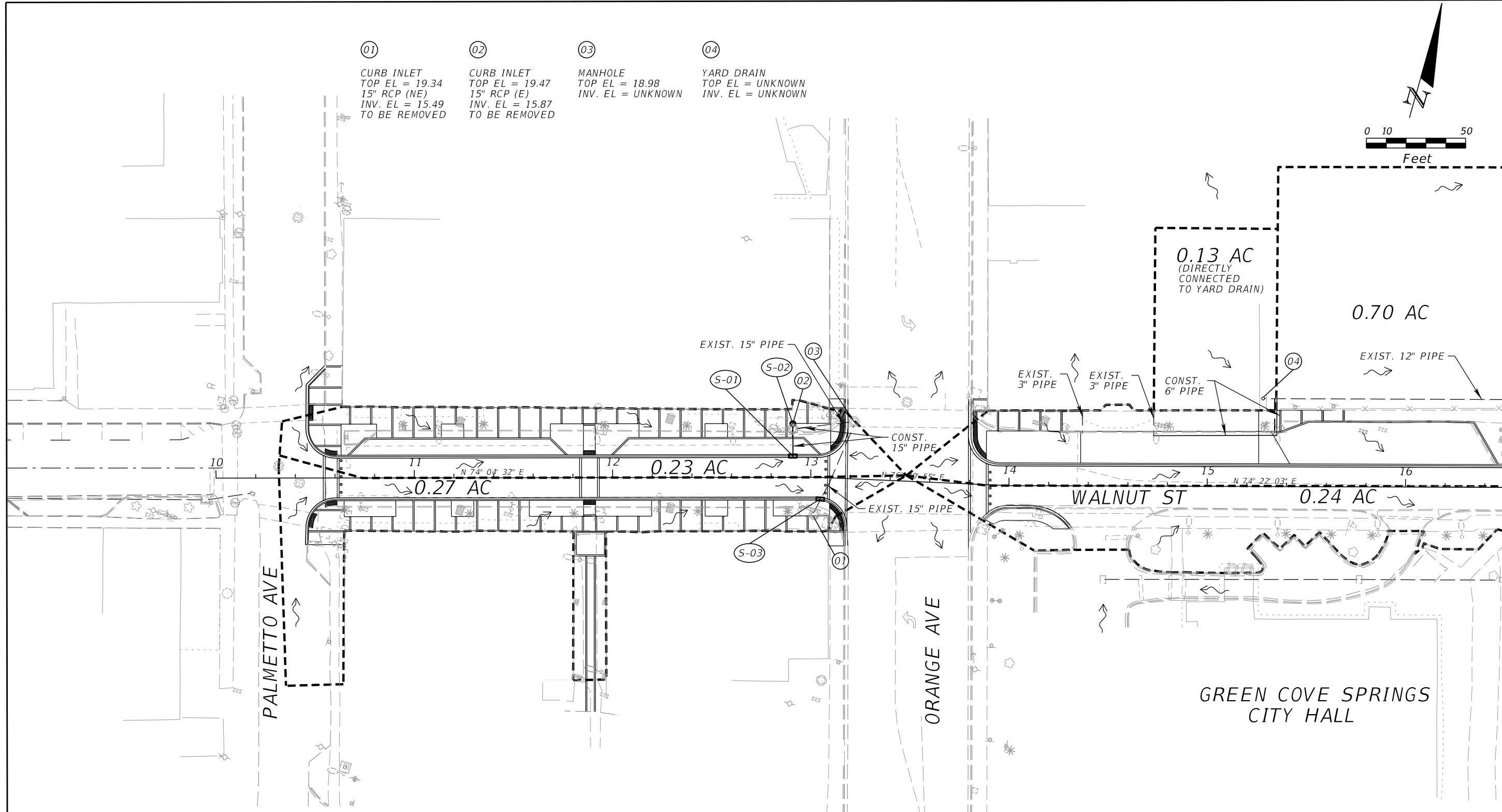
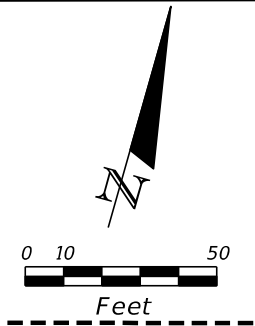
JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE: SIGNATURE SHEET	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 56
	2

- ① CURB INLET
TOP EL = 19.34
15" RCP (NE)
INV. EL = 15.49
TO BE REMOVED
- ② CURB INLET
TOP EL = 19.47
15" RCP (E)
INV. EL = 15.87
TO BE REMOVED
- ③ MANHOLE
TOP EL = 18.98
INV. EL = UNKNOWN
- ④ YARD DRAIN
TOP EL = UNKNOWN
INV. EL = UNKNOWN



LEGEND

- BASIN DIVIDES
- ↗ FLOW ARROW
- (XX) EXISTING STRUCTURE
- (S-XX) PROPOSED STRUCTURE

DO NOT USE THIS INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
P.E. NO. 77549
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS

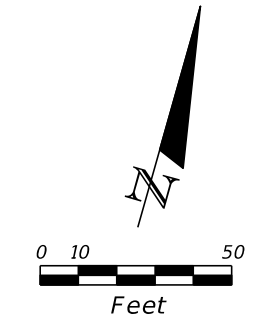


SHEET TITLE:
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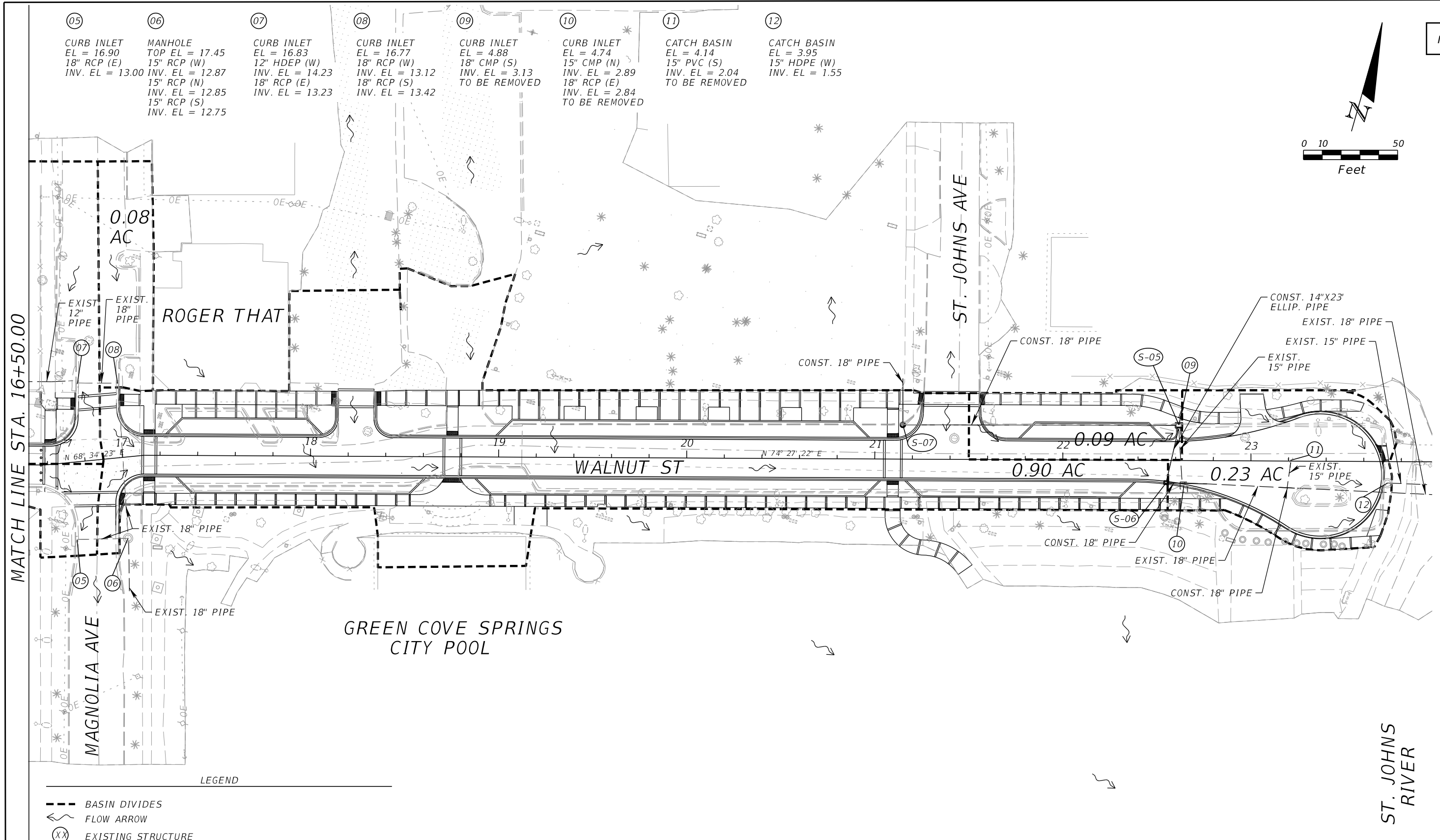
PROJECT NAME:
WALNUT STREET IMPROVEMENTS

MATCH LINE STA. 16+50.00

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- 05 CURB INLET
EL = 16.90
18" RCP (E)
INV. EL = 13.00
- 06 MANHOLE
TOP EL = 17.45
15" RCP (W)
INV. EL = 12.87
15" RCP (N)
INV. EL = 12.85
15" RCP (S)
INV. EL = 12.75
- 07 CURB INLET
EL = 16.83
12" HDEP (W)
INV. EL = 14.23
18" RCP (E)
INV. EL = 13.23
- 08 CURB INLET
EL = 16.77
18" RCP (W)
INV. EL = 13.12
18" RCP (S)
INV. EL = 13.42
- 09 CURB INLET
EL = 4.88
18" CMP (S)
INV. EL = 3.13
TO BE REMOVED
- 10 CURB INLET
EL = 4.74
15" CMP (N)
INV. EL = 2.89
18" RCP (E)
INV. EL = 2.84
TO BE REMOVED
- 11 CATCH BASIN
EL = 4.14
15" PVC (S)
INV. EL = 2.04
TO BE REMOVED
- 12 CATCH BASIN
EL = 3.95
15" HDPE (W)
INV. EL = 1.55



MATCH LINE STA. 16+50.00

LEGEND

- BASIN DIVIDES
- ~ FLOW ARROW
- (XX) EXISTING STRUCTURE
- (S-XX) PROPOSED STRUCTURE

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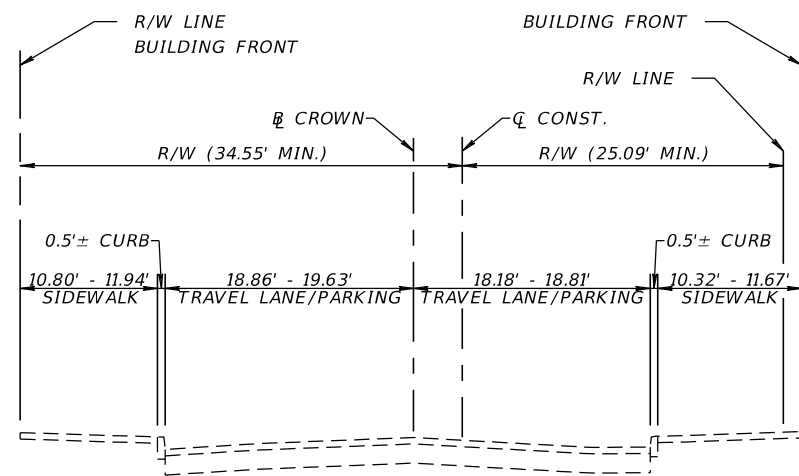
KEVIN M. CANN
P.E. NO. 77549
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



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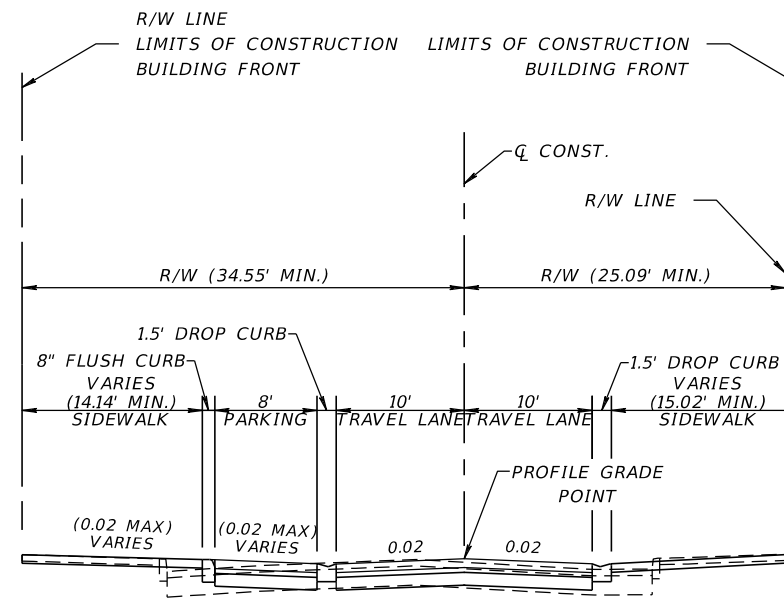
SHEET TITLE: DRAINAGE MAP (2)	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	SHE 4

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TYPICAL SECTION
WALNUT ST.
STA. 10+45.36 TO STA. 13+18.72
PALMETTO AVE. TO ORANGE AVE.

EXISTING CONDITIONS



TYPICAL SECTION
WALNUT ST.
STA. 10+45.36 TO STA. 13+18.72
PALMETTO AVE. TO ORANGE AVE.

HARDSCAPE RESURFACING/WIDENING*

OPTIONAL BASE GROUP 1
1.5" SAND SETTING BED
AND 2.75" MORTARLESS BRICK PAVING

NOTES:

- BRICKS PAVERS AND EXISTING CURB ARE TO BE REMOVED.
- BRICKS PAVERS ARE TO BE REUSED WHERE POSSIBLE.
- REFER TO COJ CITY STANDARD SPECIFICATIONS P-301 FOR CURB DETAILS.
- TRAFFIC DESIGN SPEED = 25 MPH.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

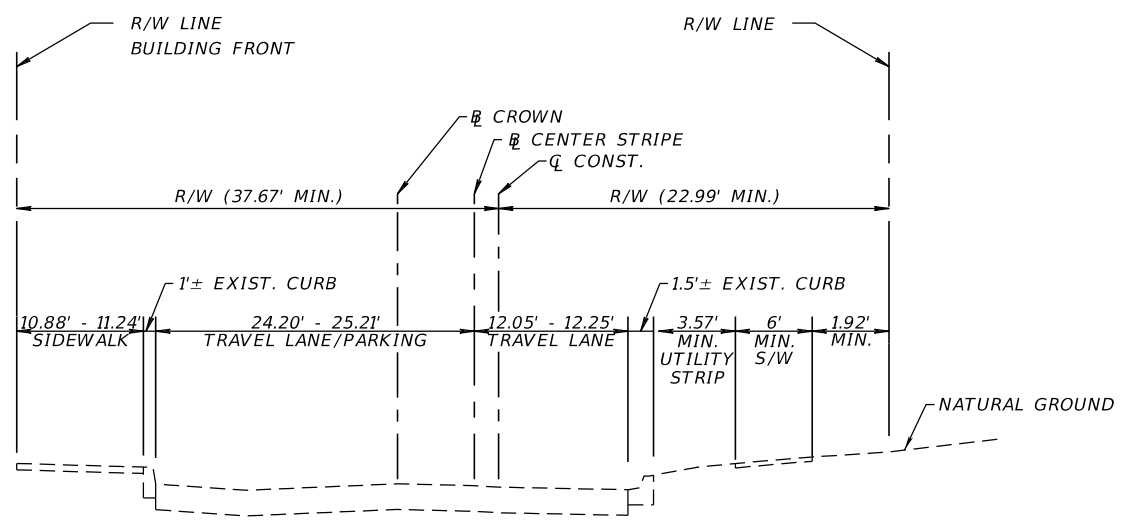
JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



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**CITY OF
GREEN COVE SPRINGS**

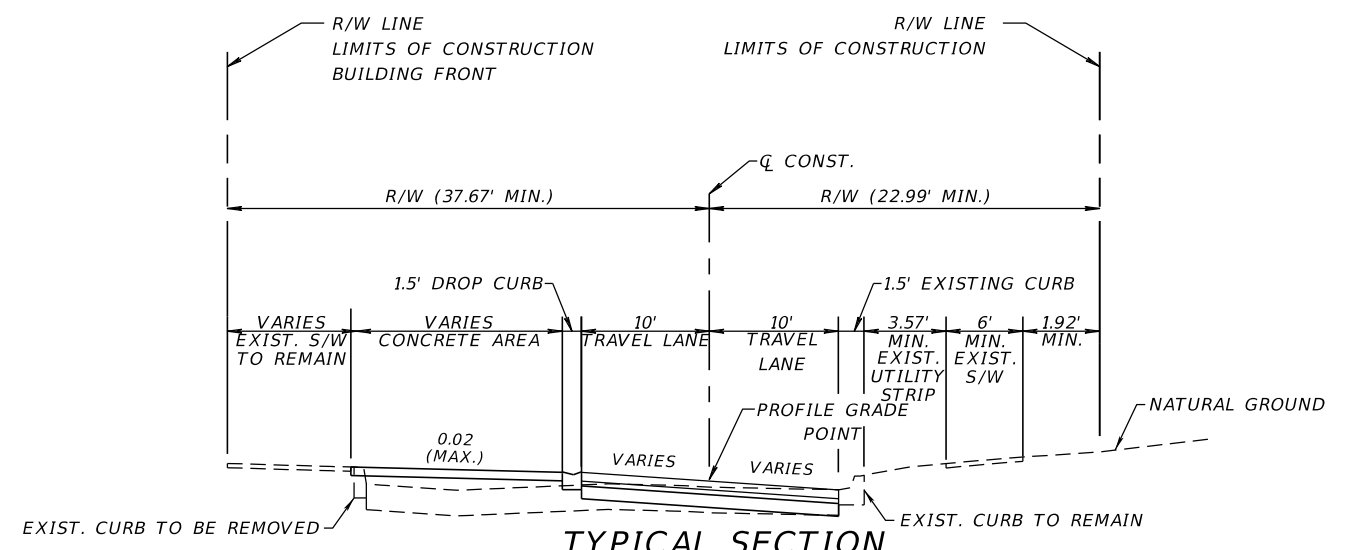
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PROJECT NAME: WALNUT STREET	

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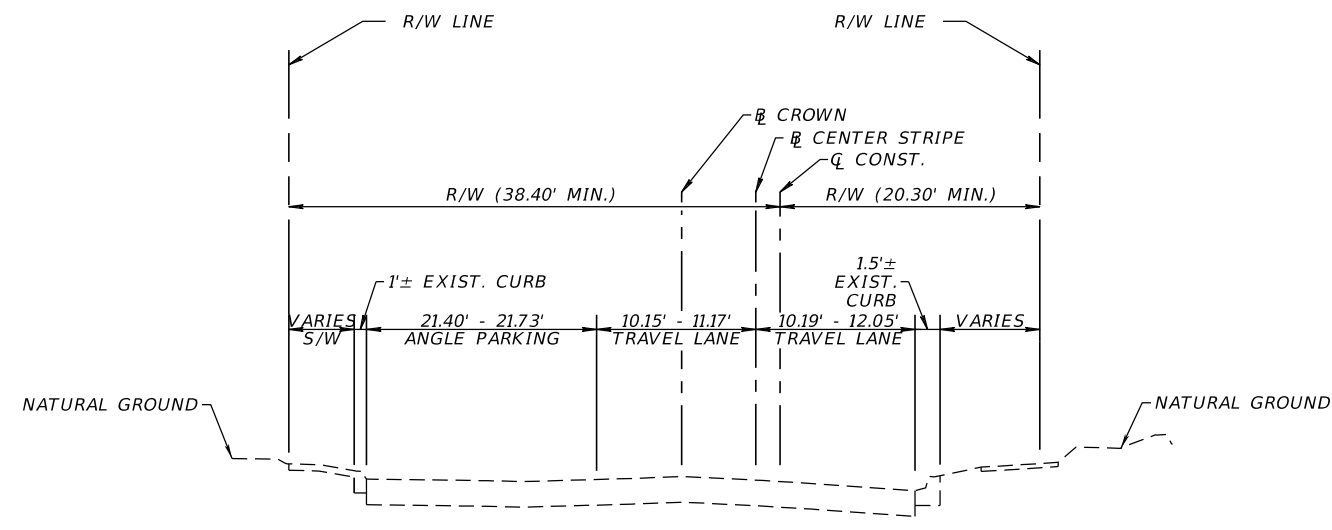
**TYPICAL SECTION
WALNUT ST.
STA. 13+79.55 TO STA. 15+50.56
ORANGE AVE. TO MAGNOLIA AVE.**

EXISTING CONDITIONS



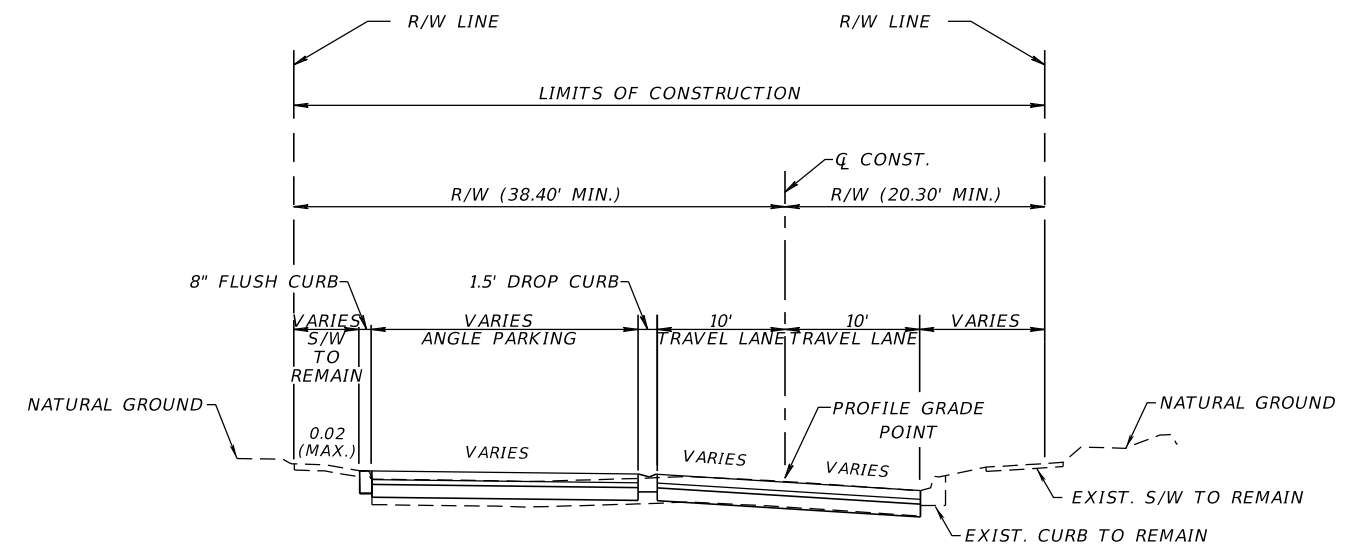
**TYPICAL SECTION
WALNUT ST.
STA. 13+79.55 TO STA. 15+50.56
ORANGE AVE. TO MAGNOLIA AVE.**

HARDSCAPE RESURFACING/WIDENING*
OPTIONAL BASE GROUP 1
1.5" SAND SETTING BED
AND 2.75" MORTARLESS BRICK PAVING



**TYPICAL SECTION
WALNUT ST.
STA. 15+50.56 TO STA. 16+76.19
ORANGE AVE. TO MAGNOLIA AVE.**

EXISTING CONDITIONS



**TYPICAL SECTION
WALNUT ST.
STA. 15+50.56 TO STA. 16+76.19
ORANGE AVE. TO MAGNOLIA AVE.**

HARDSCAPE RESURFACING/WIDENING*
OPTIONAL BASE GROUP 1
1.5" SAND SETTING BED
AND 2.75" MORTARLESS BRICK PAVING

- *NOTES:
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 - BRICKS PAVERS ARE TO BE REUSED WHERE POSSIBLE.
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 - TRAFFIC DESIGN SPEED = 25 MPH.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

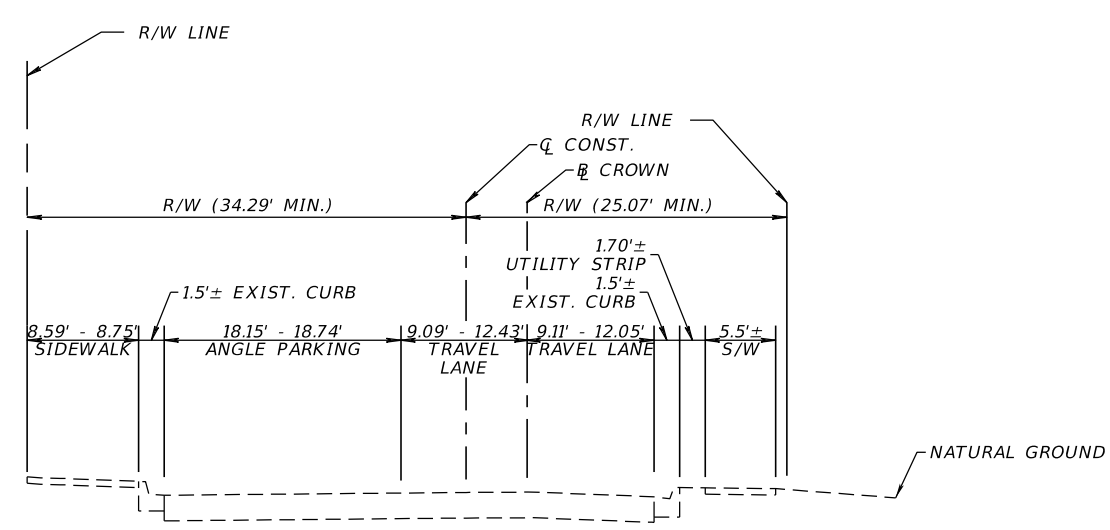
JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
GREEN COVE SPRINGS**

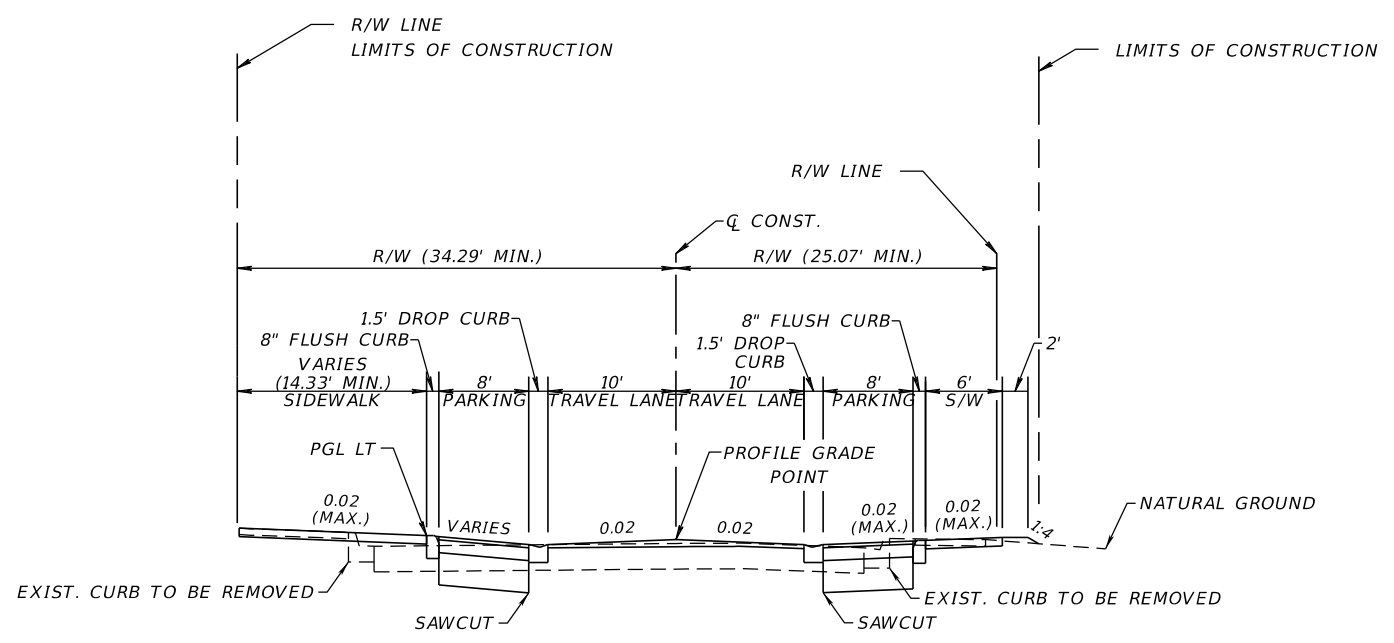
SHEET TITLE: TYPICAL SECTION	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	

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**TYPICAL SECTION
WALNUT ST.
STA. 16+76.19 TO STA. 17+50.00
STA. 20+25.00 TO STA. 23+73.48
MAGNOLIA AVE. TO ST. JOHNS RIVER**

EXISTING CONDITIONS



**TYPICAL SECTION
WALNUT ST.
STA. 16+76.19 TO STA. 17+50.00
STA. 20+25.00 TO STA. 23+73.48
MAGNOLIA AVE. TO ST. JOHNS RIVER**

EXISTING TRAVEL LANES

MILL EXISTING TRAVEL LANES (1.0" DEPTH)
TYPE SP (TRAFFIC B) OVERBUILD (3.5" AVG.)
TYPE SP STRUCTURE COURSE (TRAFFIC B) (1.0") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

- NOTES:**
- EXISTING BRICK PAVERS ARE UNDER EXISTING ASPHALT AND MAY BE ENCOUNTERED DURING MILLING OPERATIONS. IF PAVERS AND BASE ARE DISTURBED DURING MILLING OPERATIONS OR PIPE INSTALLATION, THE AREA DISTURBED MUST BE CONSTRUCTED PER THE WIDENING PAVEMENT DESIGN ON THIS SHEET.
 - BRICKS PAVERS AND EXISTING CURB ARE TO BE REMOVED.
 - BRICKS PAVERS ARE TO BE REUSED WHERE POSSIBLE.
 - REFER TO COJ CITY STANDARD SPECIFICATIONS P-301 FOR CURB DETAILS.
 - TRAFFIC DESIGN SPEED = 25 MPH.

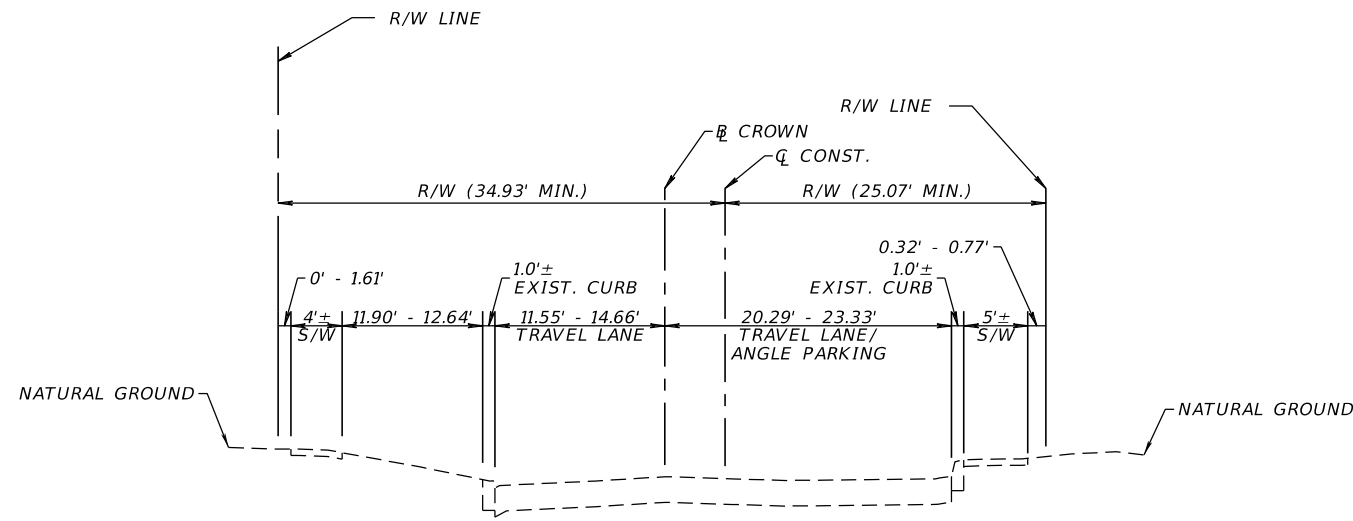
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



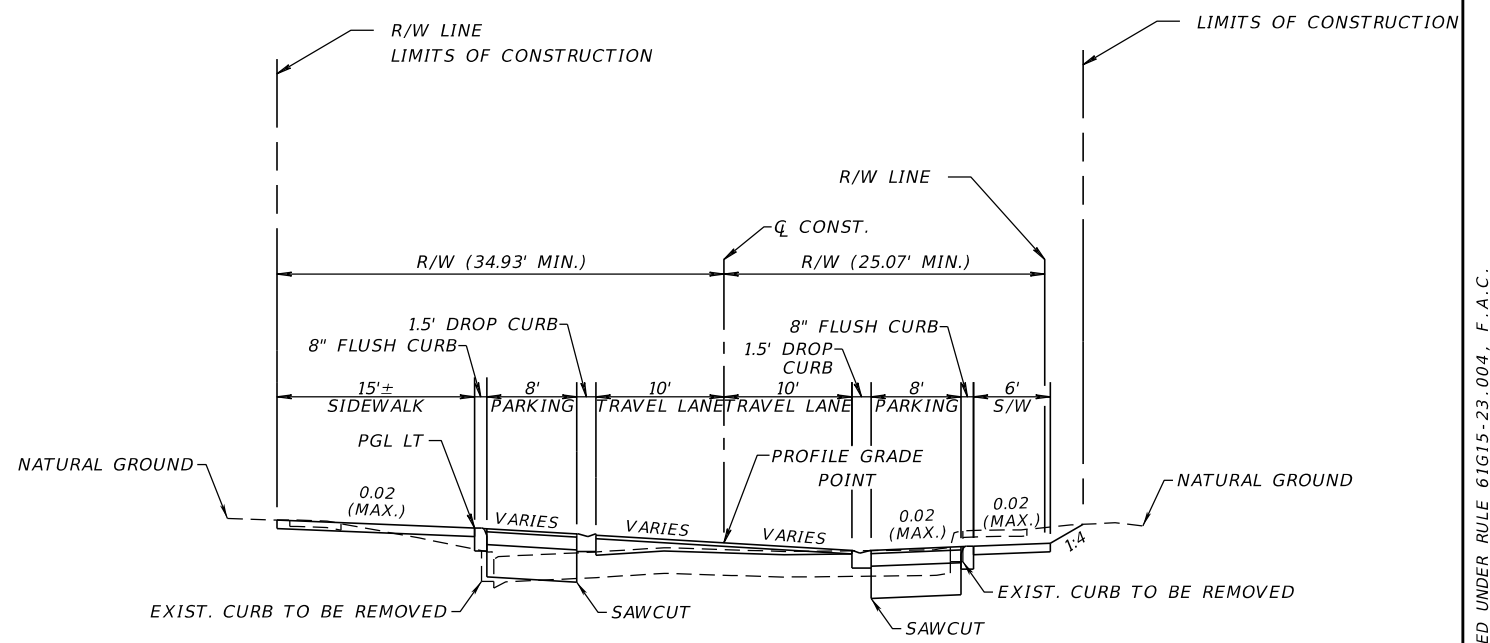
SHEET TITLE: TYPICAL SECTION	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	

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



**TYPICAL SECTION
WALNUT ST.
STA. 17+50.00 TO STA. 20+25.00
MAGNOLIA AVE. TO ST. JOHNS AVE.**

EXISTING CONDITIONS



**TYPICAL SECTION
WALNUT ST.
STA. 17+50.00 TO STA. 20+25.00
MAGNOLIA AVE. TO ST. JOHNS AVE.**

EXISTING TRAVEL LANES

MILL EXISTING TRAVEL LANES (1.0" DEPTH)
TYPE SP (TRAFFIC B) OVERBUILD (5.6" AVG.)
TYPE SP STRUCTURE COURSE (TRAFFIC B) (1.0") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 1 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1")

- NOTES:
- EXISTING BRICK PAVERS ARE UNDER EXISTING ASPHALT AND MAY BE ENCOUNTERED DURING MILLING OPERATIONS. IF PAVERS AND BASE ARE DISTURBED DURING MILLING OPERATIONS OR PIPE INSTALLATION, THE AREA DISTURBED MUST BE CONSTRUCTED PER THE WIDENING PAVEMENT DESIGN ON THIS SHEET.
 - BRICKS PAVERS AND EXISTING CURB ARE TO BE REMOVED.
 - BRICKS PAVERS ARE TO BE REUSED WHERE POSSIBLE.
 - REFER TO COJ CITY STANDARD SPECIFICATIONS P-301 FOR CURB DETAILS.
 - TRAFFIC DESIGN SPEED = 25 MPH.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



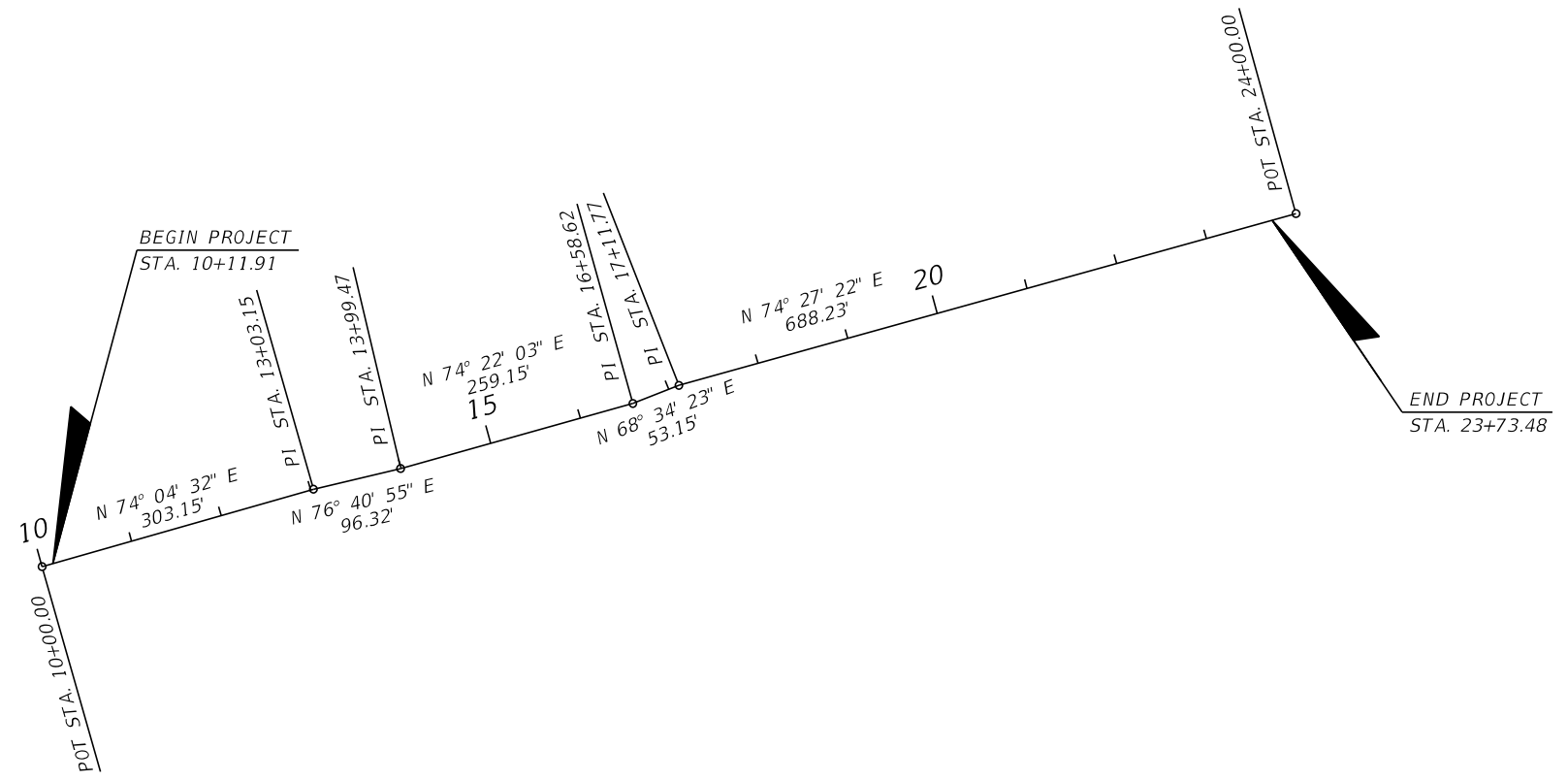
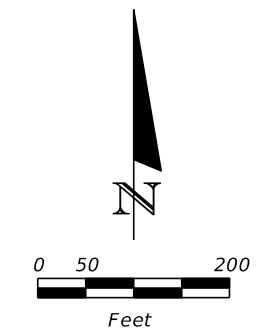
PREPARED FOR
**CITY OF
GREEN COVE SPRINGS**

SHEET TITLE:
TYPICAL SECTION

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
 P.E. NO. 88357
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 FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

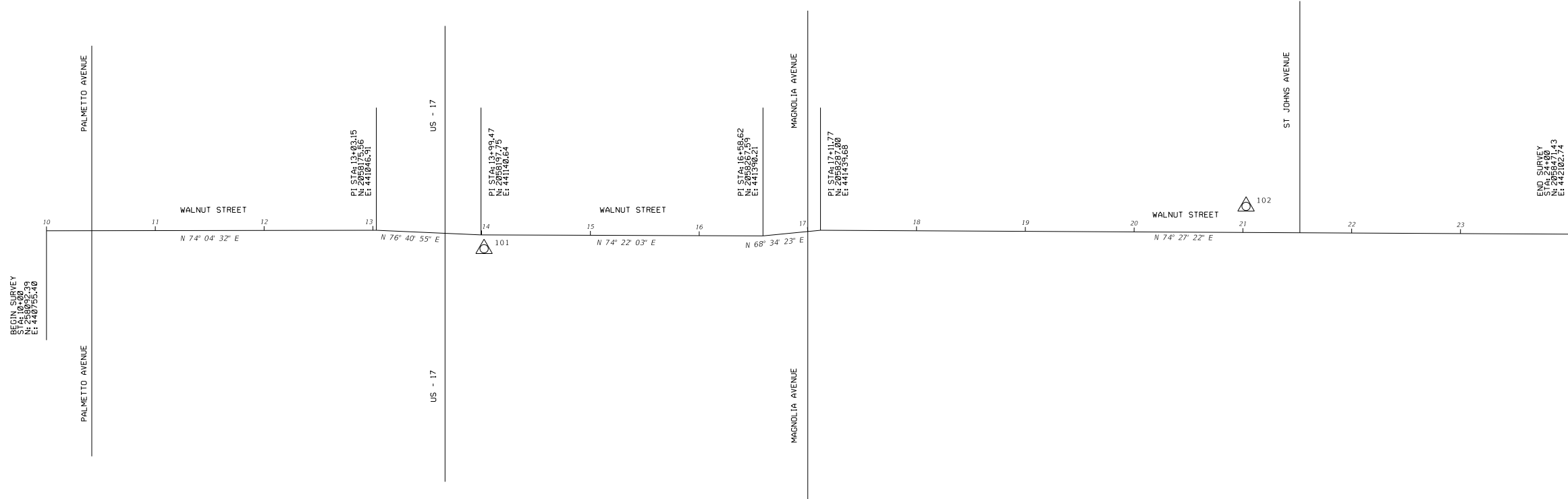
SHEET TITLE:	PROJECT LAYOUT	REF. DWG. NO.
PROJECT NAME:	WALNUT STREET	

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PROJECT CONTROL POINTS WALNUT STREET (NOT TO SCALE)



△ 100



LEGEND

- △ = 5/8" IRC LB7055
- CR = COUNTY ROAD
- IRC = IRON ROD AND CAP
- PI = POINT OF INTERSECTION
- RD = ROAD
- STA = STATION

PRIMARY CONTROL

POINT ID	STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE
100	N/A	N/A	20.22	5/8" I.R. W/ PLASTIC CAP STAMPED TRAV/GPS LB7055	2058047.829	440493.770	N 29° 59' 35.03"	W 81° 40' 52.67"
101	14+02.33	12.71' RT	19.53	5/8" I.R. W/ PLASTIC CAP STAMPED TRAV/GPS LB7055	2058186.284	441146.827	N 29° 59' 36.44"	W 81° 40' 45.25"
102	21+02.80	24.00' LT	11.56	5/8" I.R. W/ PLASTIC CAP STAMPED TRAV/GPS LB7055	2058414.914	441809.986	N 29° 59' 38.74"	W 81° 40' 37.72"

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

PREPARED BY:
 RYAN KETT, PSM 7113
 WGI, INC.
 4371 US HIGHWAY 17 S, SUITE 203
 FLEMING ISLAND, FLORIDA 32003



PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

SHEET TITLE: PROJECT CONTROL SHEET	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET NO. 10

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

GENERAL NOTES:

1. ALL WORK AND MATERIALS SHALL BE IN COMPLETE ACCORDANCE WITH ALL RELATIVE SECTIONS OF THE FDOT & GREEN COVE SPRINGS PUBLIC WORKS (G.C.S.P.W) STANDARDS, (LATEST REVISION) AND ALL CURRENT CITY & G.C.S.P.W. DETAILS AS WELL AS ALL APPLICABLE STATE AND LOCAL REGULATIONS. THE WORK SHALL ALSO BE PERFORMED AND TESTED IN ACCORDANCE WITH THE FDOT REQUIREMENTS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUBSURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACT. THE CONTRACTOR IS ALSO URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF THE PROJECT TO RECORD THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE COMPLAINTS THAT MAY OCCUR DUE TO THE CONSTRUCTION OF THE PROJECT.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EITHER CONDUCT ANY FIELD EXPLORATION OR ACQUIRE ANY GEOTECHNICAL ASSISTANCE REQUIRED TO ESTIMATE THE AMOUNT OF UNSUITABLE MATERIAL THAT WILL REQUIRE REMOVAL AND/OR TO ESTIMATE THE AMOUNT OF OFF SITE BORROW THAT WILL BE REQUIRED.
4. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE CITY OF G.C.S. FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER AND CITY OF G.C.S..
5. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT INCLUDING CITY RIGHT-OF-WAY PERMITS FOR WORK IN CITY OF G.C.S. RIGHT-OF-WAY OR EASEMENT.
7. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN CITY OF G.C.S. OR STATE RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR.
8. "AS-BUILT" DRAWINGS - AS-BUILTS TO CITY OF G.C.S. AND THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT ARE REQUIRED TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION AND SUBMITTAL OF "AS-BUILT" DRAWINGS IN ACCORDANCE WITH CURRENT FDOT STANDARDS AND SPECIFICATIONS AND SJRWMD REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROCESS THE "AS-BUILT" DRAWINGS FOR APPROVAL BY CITY OF G.C.S..
9. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.
10. ALL CLEARING AND GRUBBING REQUIRED FOR ALL ROADWAY, UTILITIES, DITCHES, AND BERMS INCLUDED IN THIS PROJECT AND THE CLEARING AND GRUBBING OF ALL RIGHT-OF-WAY OR EASEMENTS SHALL BE CONSIDERED AS PART OF THE PROJECT.
11. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.
12. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE PROPERLY DISPOSED OF OFF-SITE BY CONTRACTOR.
13. ALL EXCESS SUITABLE AND UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY ENGINEER OR OWNER.
14. SEE TREE DISPOSITION PLAN FOR STATUS OF TREES.
15. BURING OF TREES, BRUSH AND OTHER MATERIALS SHALL BE APPROVED, PERMITTED AND COORDINATED WITH CITY OF CLAY COUNTY FIRE MARSHAL.
16. CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS AT 10' INTERVALS AND EXPANSION JOINTS SHALL BE CONSTRUCTED AT 50' INTERVALS AND AT ALL RADIUS POINTS ON ALL CURBING.
17. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS AT 18' INTERVALS AND CONTRACTION JOINTS SHALL BE SPACED AT 6' INTERVALS BETWEEN EXPANSION JOINTS.
18. MAINTENANCE OF TRAFFIC SHALL CONFORM TO F.D.O.T. STANDARD INDEX 102-600 SERIES, LATEST EDITON.
19. ALL PIPE UNDER ROADWAY SHALL BE RCP. PIPES NOT UNDER ROADWAY MAY BE RCP OR HDPE.
20. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY TRAFFIC CONTROL. WALNUT STREET CAN BE CLOSED TO VEHICULAR TRAFFIC BUT PEDESTRIAN TRAFFIC MUST BE MAINTAINED THROUGHOUT THE PROJECT.

UTILITY NOTES:

1. THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND IMPROVEMENTS SHOWN ON THE DRAWINGS IS BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO THE ACTUAL LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THIS DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITIES AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR AND SHALL REPAIR OR PAY FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH HE SHALL CONNECT.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL MATERIALS, IF REQUIRED, TO THE ENGINEER FOR REVIEW AND APPROVAL, PRIOR TO SUBMITTAL TO CITY OF G.C.S. & G.C.S.P.W. , AND PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY PIPE OR STRUCTURE.
3. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEAN AND FUNCTIONING PROPERLY AT TIME OF ACCEPTANCE.
4. ALL DRAINAGE STRUCTURES TO HAVE TRAFFIC BEARING GRATES.
5. ALL DRAINAGE PIPE JOINTS IN CITY OF G.C.S. DRAINAGE EASEMENTS, DRAINAGE EASEMENTS BETWEEN PRIVATE LOTS, DRAINAGE RIGHT-OF-WAYS AND UNDER PAVED ROADS ARE TO BE FILTER-WRAPPED.
6. TELEVISION INSPECTION SHALL BE REQUIRED ON ALL STORM WATER PIPES. THIS SERVICE SHALL BE PROVIDED BY THE CONTRACTOR AS PART OF THE DRAINAGE CONTRACT. A FULL WRITTEN REPORT AS TO THE CONDITION OF THE PIPE WITH PERTINENT DATA SUCH AS DISTANCE BETWEEN STRUCTURES, LOCATION OF ADJOINING PIPES, ETC. SHALL BE SUBMITTED TO THE OWNER AND ENGINEER PRIOR TO ACCEPTANCE, AND ONE COPY OF THE VIDEO TAPES SHALL BE SUBMITTED TO THE CITY OF G.C.S.. ALL DEFECTIVE AREAS AND ITEMS SHALL BE REPLACED OR REPAIRED PRIOR TO FINAL ACCEPTANCE. ALL REPAIRED SECTION MUST BE REINSPECTED PRIOR TO ACCEPTANCE. INSPECTION SHALL BE PERFORMED AT COMPLETION OF CONSTRUCTION.


UTILITY CONTACTS

1. KNOWN UTILITY OWNERS WITHIN THE PROJECT LIMITS AND CONTACT INFORMATION ARE LISTED BELOW:

COMPANY	CONTACT PERSON	CONTACT NUMBER	E-MAIL ADDRESS
AT&T OF FLORIDA	PK PATEL	904-727-1568	PP5963@ATT.COM
CITY OF GREEN COVE SPRINGS ELECTRIC	JOE HANSFORD	386-643-8131	JHANDSFORD@GREENCOVESPRINGS.COM
CITY OF GREEN COVE SPRINGS WATER & SEWER	SCOTT SCHULTZ	904-297-7061	SSCHULTZ@GREENCOVESPRINGS.COM
COMCAST COMMUNICATIONS	JAMES GRAHAM	904-380-6341	JAMES_GRAHAM@CABLE.COMCAST.COM
MCI/VERIZON	MARVIN FISHER	904-633-5481	MARVIN.FISHER@VERIZON.COM
QUANTA TELECOMMUNICATIONS	ANDREW RATTEREE	678-836-5610	ARATTEREE@QUANTATEL.COM
TECO PEOPLES GAS	BRAD GUAGLIARDO	407-420-6674	BGUAGLIARDO@TECOENERGY.COM
UNITI FIBER/SOUTHERN LIGHT	BOB MENSCHING	904-718-8152	BOB.MENSHCING@UNITI.COM

Item #7.

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REVISIONS						JOHN D. WESTCOTT P.E. NO. 88357 WGI, INC. 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203 FLEMING ISLAND, FL 32003	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE:	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			GENERAL NOTES	
							PROJECT NAME:	WALNUT STREET	
								Page 65	
								11	

CITY GENERAL REQUIREMENTS:

1. CITY OF G.C.S. DEPARTMENT OF ENGINEERING REQUIRES TWENTY-FOUR (24) HOUR NOTICE ON ALL MEETINGS AND OR TESTING MEASURES RELATED TO SAID PROJECT.
2. CONSTRUCTION WARNING SIGNS ARE TO BE POST MOUNTED AND ERECTED BEFORE CONSTRUCTION CAN COMMENCE. THESE AND ALL TRAFFIC CONTROL DEVICES SHALL FOLLOW THE STANDARDS SET FORTH BY THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS WELL AS THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEXES.
3. ALL SUB BASE SHALL BE FIRM AND UNYIELDING.
4. ALL JOINTS OF PIPE, REGARDLESS OF MATERIAL TYPE, SHALL BE WRAPPED WITH FABRIC FILTER CLOTH PER FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX 430-001.
5. ALL DISTURBED CITY OF G.C.S. RIGHTS-OF-WAY SHALL BE SODDED TO THE DISCRETION AND APPROVAL OF THE CITY OF G.C.S. ENGINEERING DEPARTMENT.
6. THE CURB SHALL BE CHECKED FOR FLOW DESIGN AT ANY STAGE OF THE PROJECT. A WATER TRUCK IS TO BE PROVIDED AT THE FINAL INSPECTION IN ORDER TO CHECK FLOW DESIGN.
7. ALL INFORMATION REQUESTED BY THE CITY SHALL BE IN HAND AT THE TIME OF THE FINAL INSPECTION. NO CONDITIONAL CERTIFICATES OF OCCUPANCY SHALL BE GIVEN.
8. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION AND TAKE ALL MEASURES NECESSARY TO PROTECT UTILITIES DURING CONSTRUCTION. SHOULD ANY UTILITY LINE OR COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE UTILITY COMPANY, THE ENGINEER, AND THE CITY.
9. A COPY OF THE CONTRACTORS' GENERAL LICENSE AND OR UNDER GROUND UTILITY LICENSE SHALL BE PROVIDED AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.
10. THERE SHALL BE A MINIMUM THREE (3) DAYS NOTICE GIVEN FOR SCHEDULING THE FINAL INSPECTION.
11. DETECTABLE WARNINGS WILL UTILIZE PAVERS UNLESS ALTERNATIVE IS APPROVED BY CITY.

CITY EROSION CONTROL NOTES:


12. PURSUANT TO COMPREHENSIVE PLAN POLICY 9:1 OF THE CONSERVATION ELEMENT, THE USE OF ONE OR MORE EROSION CONTROL MEASURES, AS REQUESTED BY THE CITY OF G.C.S. ENGINEERING DEPARTMENT, SHALL BE USED DURING CONSTRUCTION. THESE WILL BE, BUT NOT LIMITED TO, ITEMS SUCH AS TEMPORARY GRASS COVER, SEDIMENT BASINS OR PONDS, MULCHING, TEMPORARY FENCES, DIVERSION CHANNELS AND HAY BALES.
13. PURSUANT TO COMPREHENSIVE PLAN POLICY 9:1 OF THE CONSERVATION ELEMENT, SCHEDULING OF CONSTRUCTION SHALL BE GIVEN SPECIAL CONSIDERATION TO MINIMIZE EXPOSURE OF BARE SOIL. THE CONTRACTOR WILL FORMULATE A CONSTRUCTION SCHEDULE TO BE GIVEN TO THE CITY REPRESENTATIVE.
14. THE CONTRACTOR SHALL CHECK EACH DAY TO INSURE THAT ALL EROSION CONTROL DEVICES ARE IN PLACE AND WORKING PROPERLY.
15. ALL EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE RULES, REGULATION AND STANDARDS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD), THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND THE UNITED STATE ARMY CORP OF ENGINEERS.
16. THE CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO PREVENT THE EROSION OF SOIL AND DEPOSITION OF SEDIMENT ON ADJACENT AND DOWNSTREAM PROPERTIES.
17. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION.

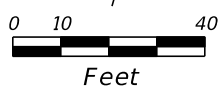
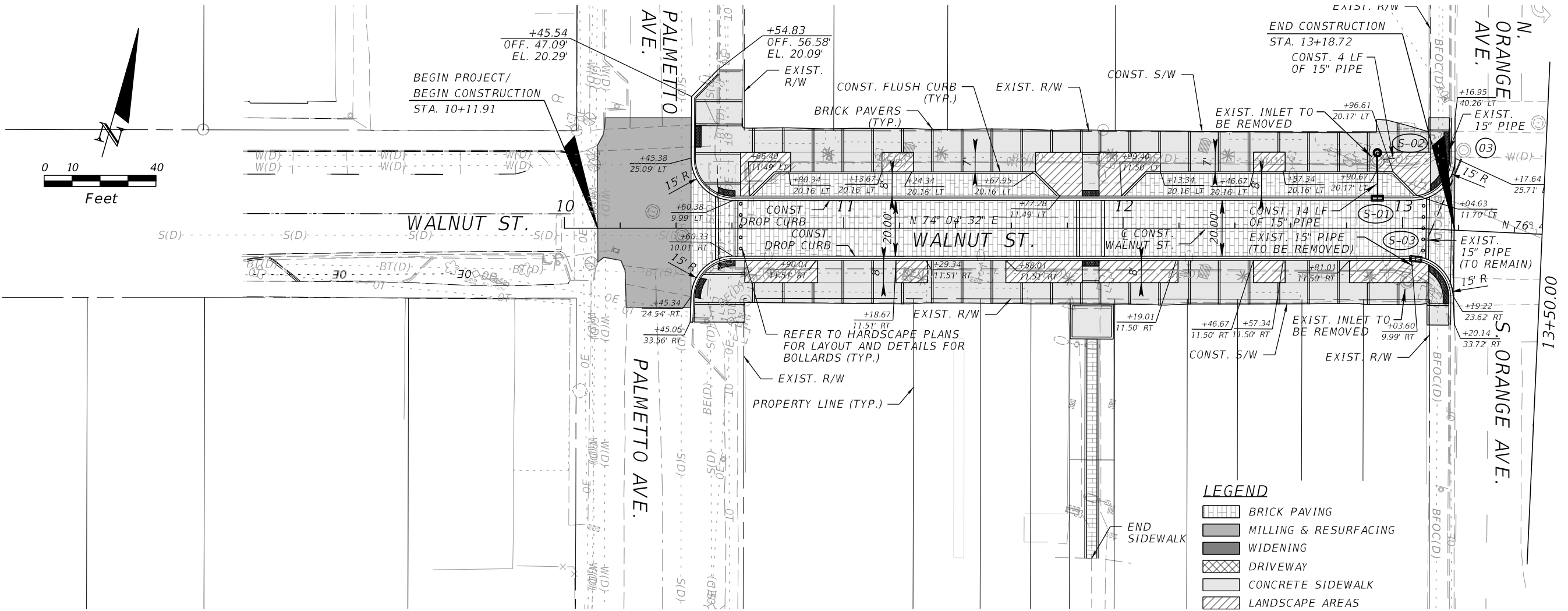
CITY PUBLIC SAFETY NOTES:

18. BLUE, ALL DIRECTIONAL HIGHWAY-STYLE REFLECTIVE MARKERS SHALL BE PROVIDED ON ALL ROADWAYS, ALLEYS, ACCESS ROADS AND ALL PAVED AREA IN FRONT OF EACH HYDRANT. SAID MARKERS SHALL BE LOCATED IN THE LANE OF TRAVEL ON THE SAME SIDE AS THE HYDRANT. THESE MARKERS SHALL BE IN PLACE AT THE TIME OF FINAL INSPECTION OR APPROVAL.
19. COMPACTION DENSITIES FOR ALL ROADWAY CROSSINGS ARE TO BE TAKEN IN ONE-FOOT (1') LIFTS. STORM SEWER PIPE DENSITIES WILL START AT THE HAUNCHES OF THE PIPE AND BE TAKEN EVERY 6" UNTIL IS REACHED 1' ABOVE THE PIPE.
20. ALL STORM SEWER PIPES SHALL BE CUT FLUSH WITH THE INTERIOR WALL OF ANY TYPE MANHOLE OR CURB AND DITCH BOTTOM INLETS.
21. THE ASPHALT SHALL BE CORED FOR THICKNESS AND WILL BE GIVEN A ONE-QUARTER INCH (1/4") TOLERANCE. IF HOWEVER THE CITY'S REPRESENTATIVE IS PRESENT AT POUR AND FEELS COMFORTABLE WITH THE REQUIREMENTS THEN HE OR SHE MAY WAVE THIS POLICY.
22. LBR'S FOR SUBGRADE AT FORTY (40) AND LIME ROCK OR ALTERNATIVE BASE COURSE AT ONE HUNDRED (100). THERE WILL BE NO UNDER TOLERANCE.
23. ALL MATERIAL USED FOR BACK FILL SHALL BE SAND (A3) FREE DRAINING.
24. THERE ARE TO BE NO OPENED TRENCHES AT DAY'S END.
25. ALL DIRT AND DEBRIS TRACKED OUT OF THE PROJECT SHALL BE CLEANED DAILY AND TO THE DISCRETION OF THE CITY OF G.C.S. ENGINEERING DEPARTMENT.
26. ALL ROAD CLOSURES MUST BE APPROVED WITH 24 HOUR NOTICE.

Item #7.

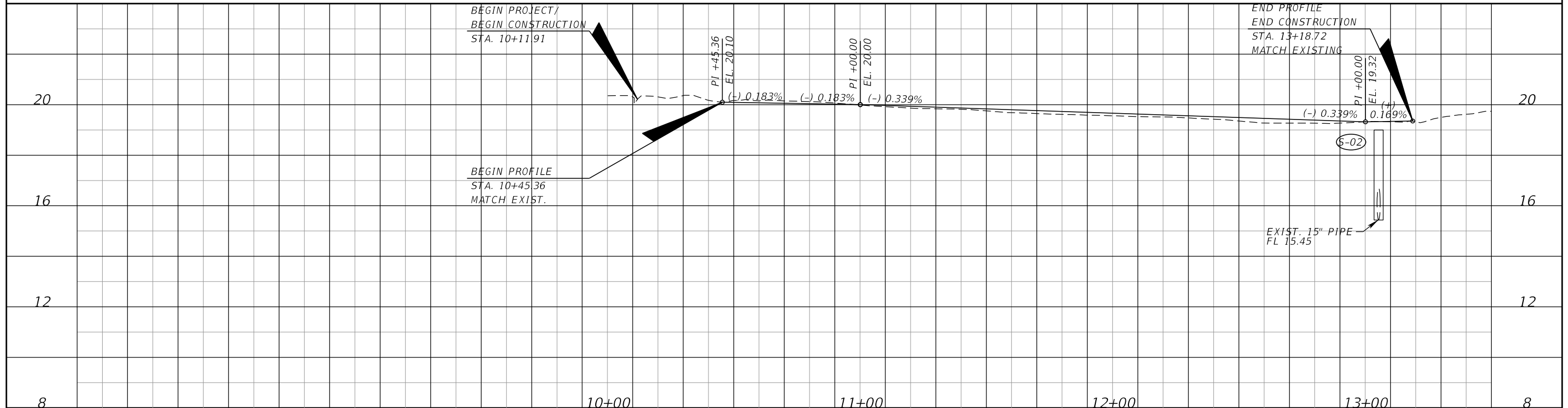
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REVISIONS						JOHN D. WESTCOTT P.E. NO. 88357 WGI, INC. 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203 FLEMING ISLAND, FL 32003		PREPARED FOR	SHEET TITLE:	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			CITY OF GREEN COVE SPRINGS	GENERAL NOTES	
								PROJECT NAME:	WALNUT STREET	12



LEGEND

	BRICK PAVING
	MILLING & RESURFACING
	WIDENING
	DRIVEWAY
	CONCRETE SIDEWALK
	LANDSCAPE AREAS



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

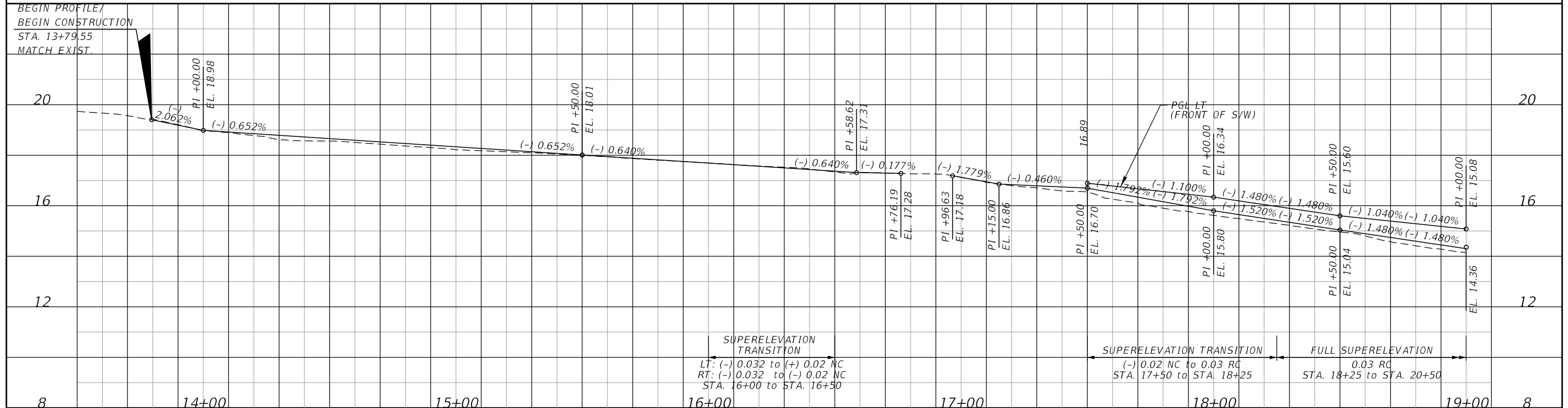
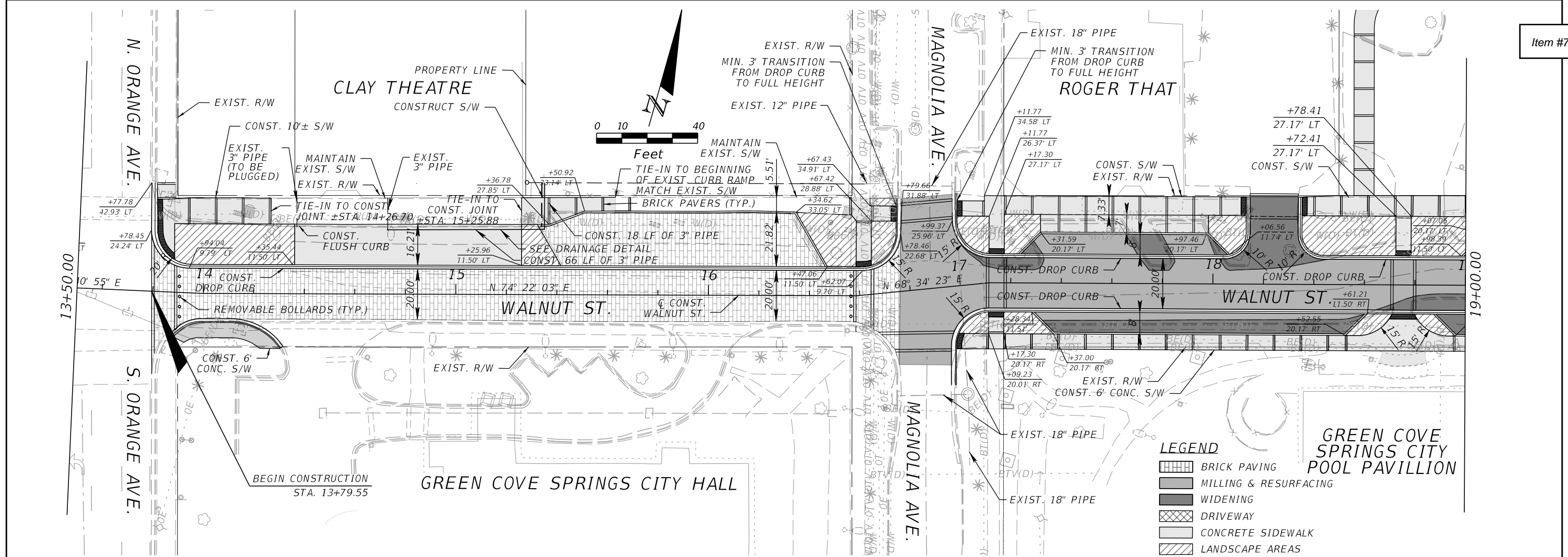
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
ROADWAY PLAN-PROFILE

PROJECT NAME:
WALNUT STREET

REF. DWG. NO.
 8



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



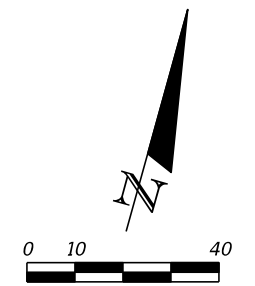
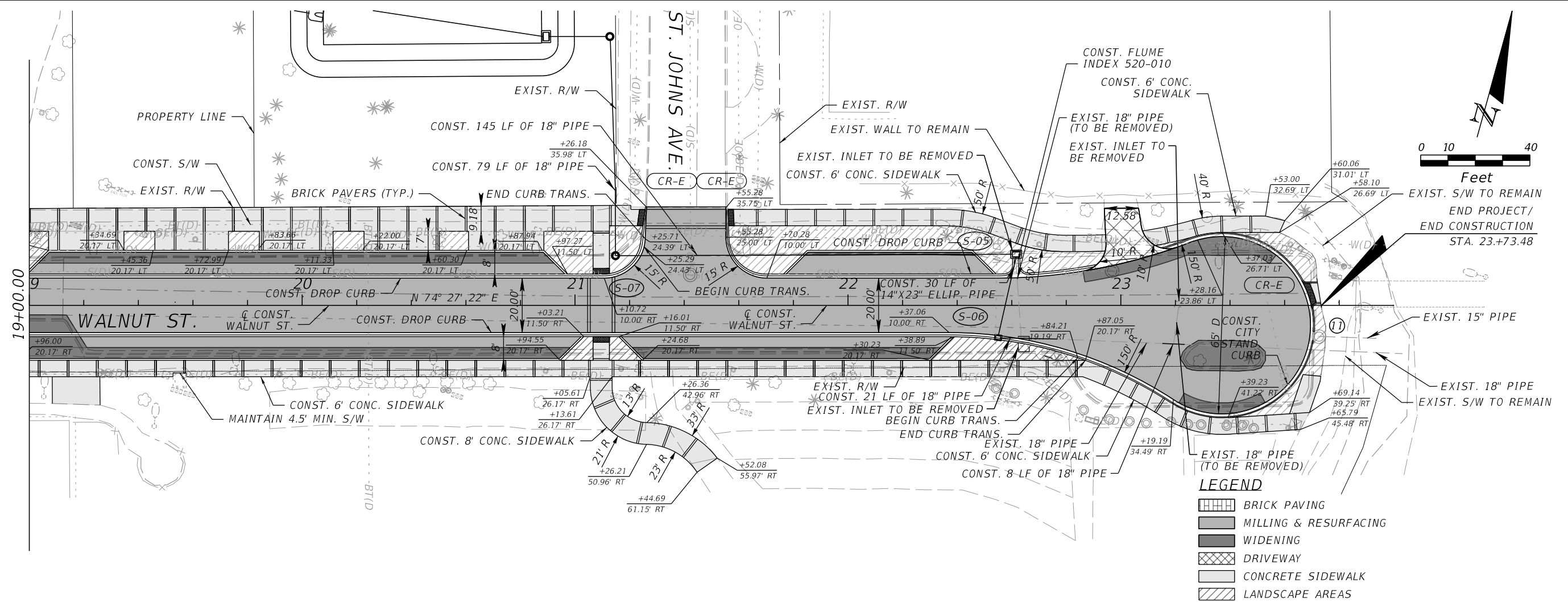
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ROADWAY PLAN-PROFILE

PROJECT NAME:
WALNUT STREET

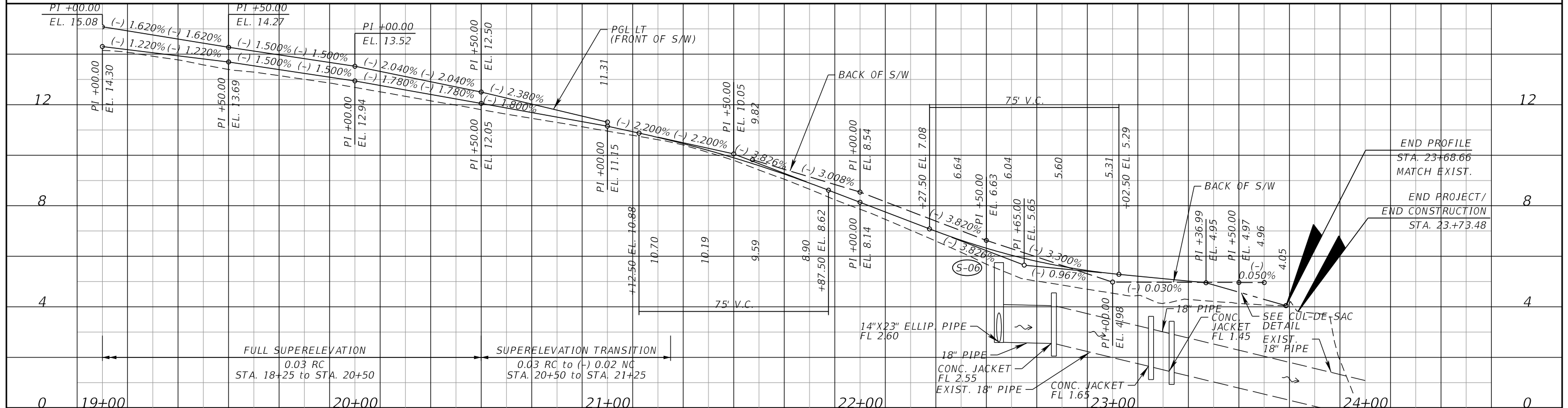
REF. DWG. NO.
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- LEGEND**
- BRICK PAVING
 - MILLING & RESURFACING
 - WIDENING
 - DRIVEWAY
 - CONCRETE SIDEWALK
 - LANDSCAPE AREAS



DATE		BY		DESCRIPTION	

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS

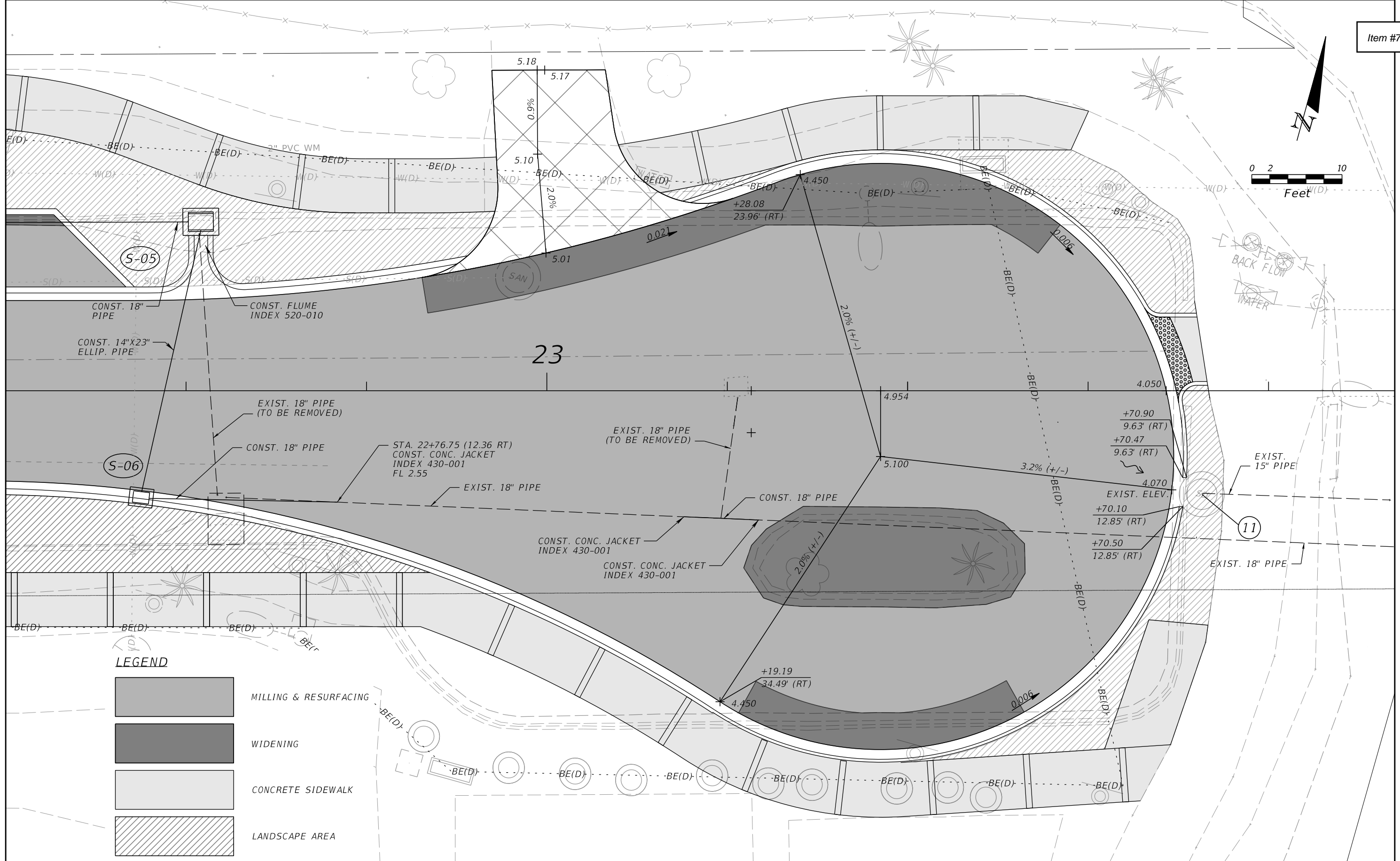
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ROADWAY PLAN-PROFILE

PROJECT NAME:
WALNUT STREET

REF. DWG. NO.
 Page 69

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LEGEND

- MILLING & RESURFACING
- WIDENING
- CONCRETE SIDEWALK
- LANDSCAPE AREA

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
CUL-DE-SAC DETAIL

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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☐ CONST. WALNUT ST.

(S-03)
 STA. 13+05.20 (10.90 RT)
 CONST. 3'-5" ALT A
 DOGHOUSE STRUCTURE
 BASIN AND VALLEY GUTTER INLET
 USF 5101 W/ 6156 GRATES
 GRATE EL. 19.00
 FL 15.45 (LT)

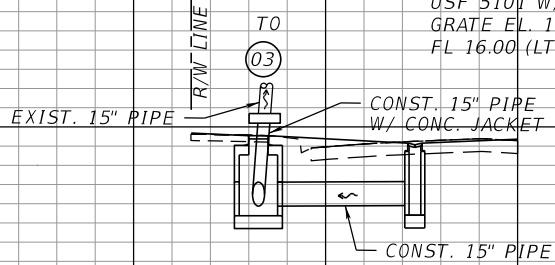
R/W LINE

(S-03)
13+05.20

TO
 (03)
 EXIST. 15" PIPE

(S-02)
 STA. 12+91.00 (27.00 LT)
 CONST. MH TYPE 7
 INDEX 425-001, 425-010, 430-001
 TOP EL. 19.50
 FL 15.87 (AH, RT)

(S-01)
 STA. 12+91.00 (10.70 LT)
 CONST. 14"X43" TYPE C CATCH
 BASIN VALLEY GUTTER INLET
 USF 5101 W/ 6156 GRATES
 GRATE EL. 19.00
 FL 16.00 (LT)



(S-02)
(S-01)
12+91.00

1" = 20' Horizontal
 1" = 10' Vertical

☐ CONST. WALNUT ST.

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
 P.E. NO. 77549
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

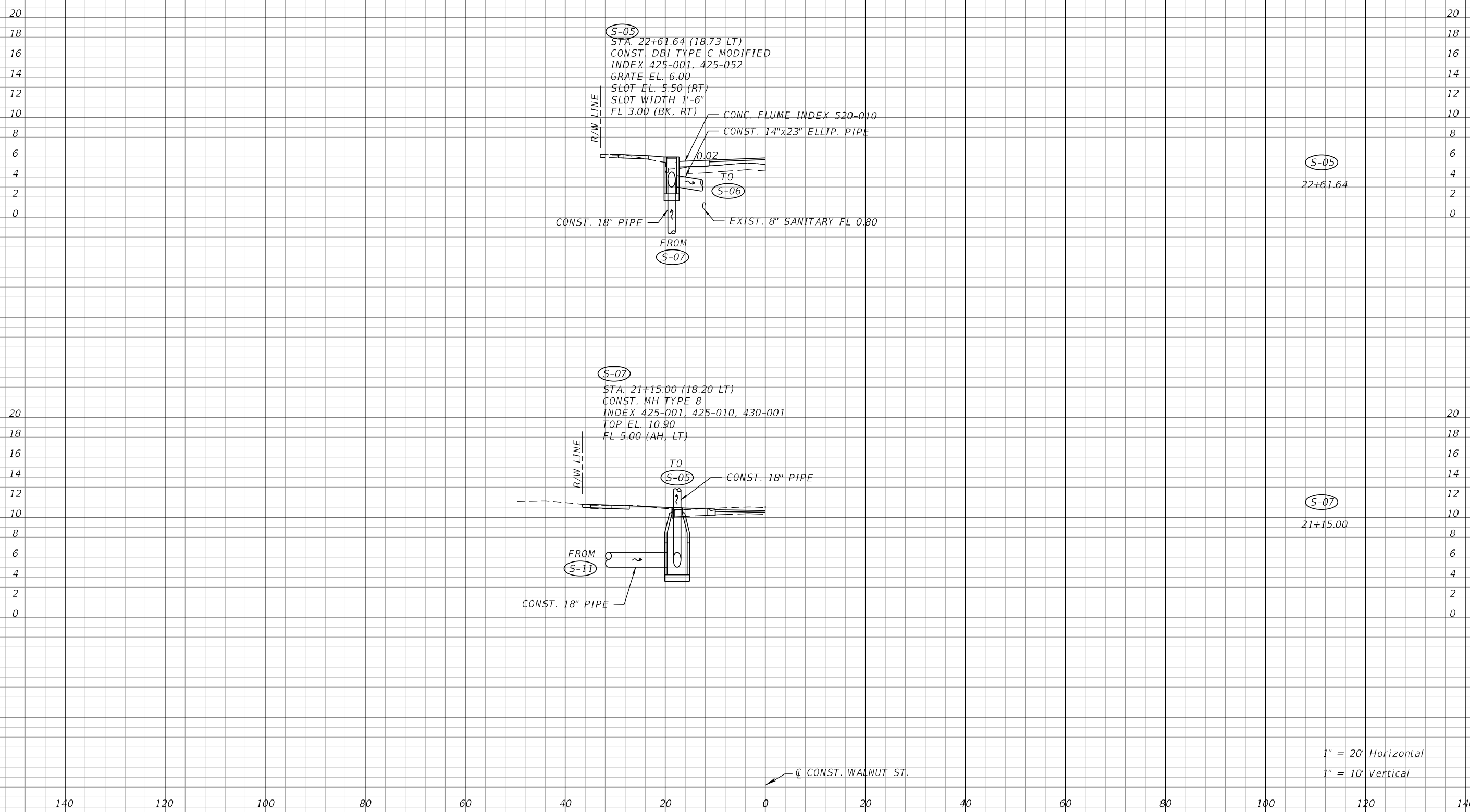


PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

SHEET TITLE:
DRAINAGE STRUCTURES
 PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.

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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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

PREPARED FOR

CITY OF GREEN COVE SPRINGS

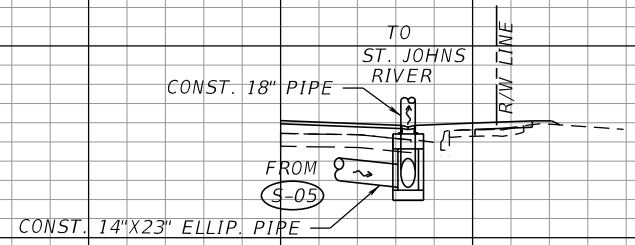
SHEET TITLE:
DRAINAGE STRUCTURES

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

φ CONST. WALNUT ST.

S-06

STA. 22+55.00 (11.83 RT)
CONST. 24"X43" TYPE C CATCH
BASIN AND VALLEY GUTTER INLET
USE 5101 W/ 6156 GRATES
GRATE EL. 5.75
FL 2.60 (AH, LT)



S-06
22+55.00

1" = 20' Horizontal
1" = 10' Vertical

φ CONST. WALNUT ST.

20
18
16
14
12
10
8
6
4
2
0

20
18
16
14
12
10
8
6
4
2
0

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
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WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
GREEN COVE SPRINGS**

SHEET TITLE:
DRAINAGE STRUCTURES
PROJECT NAME:
WALNUT STREET IMPROVEMENTS

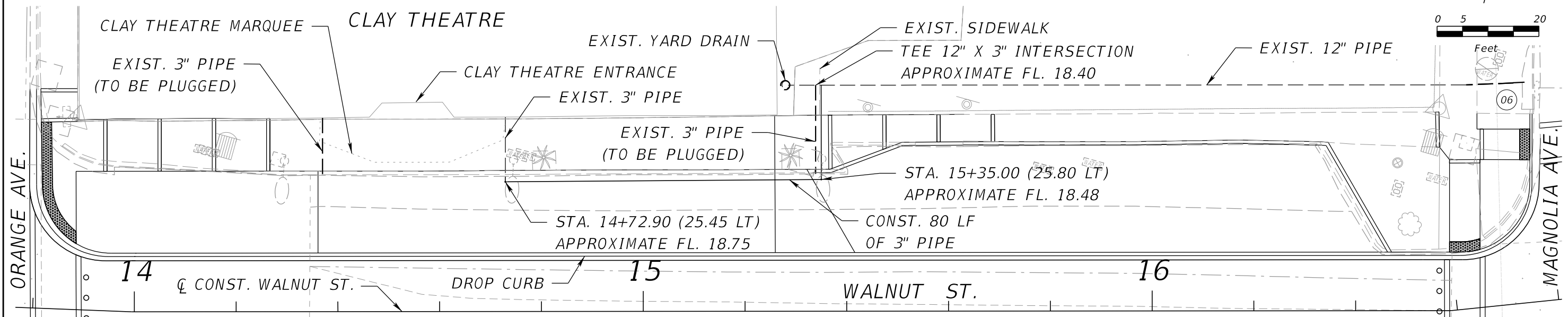
REF. DWG. NO.

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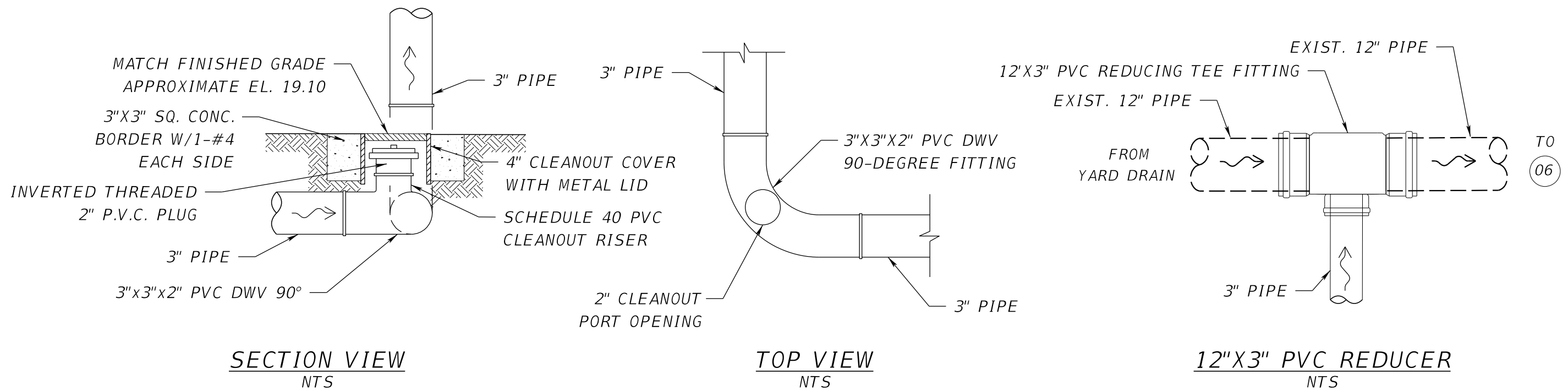
NOTES:

1. CONTRACTOR TO FIELD VERIFY ROOF DRAIN FLOWLINES FOR PIPE CONNECTIONS.

Item #7.



ROOF DRAIN CONNECTION DETAILS



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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WGI, INC.
4371 U.S HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

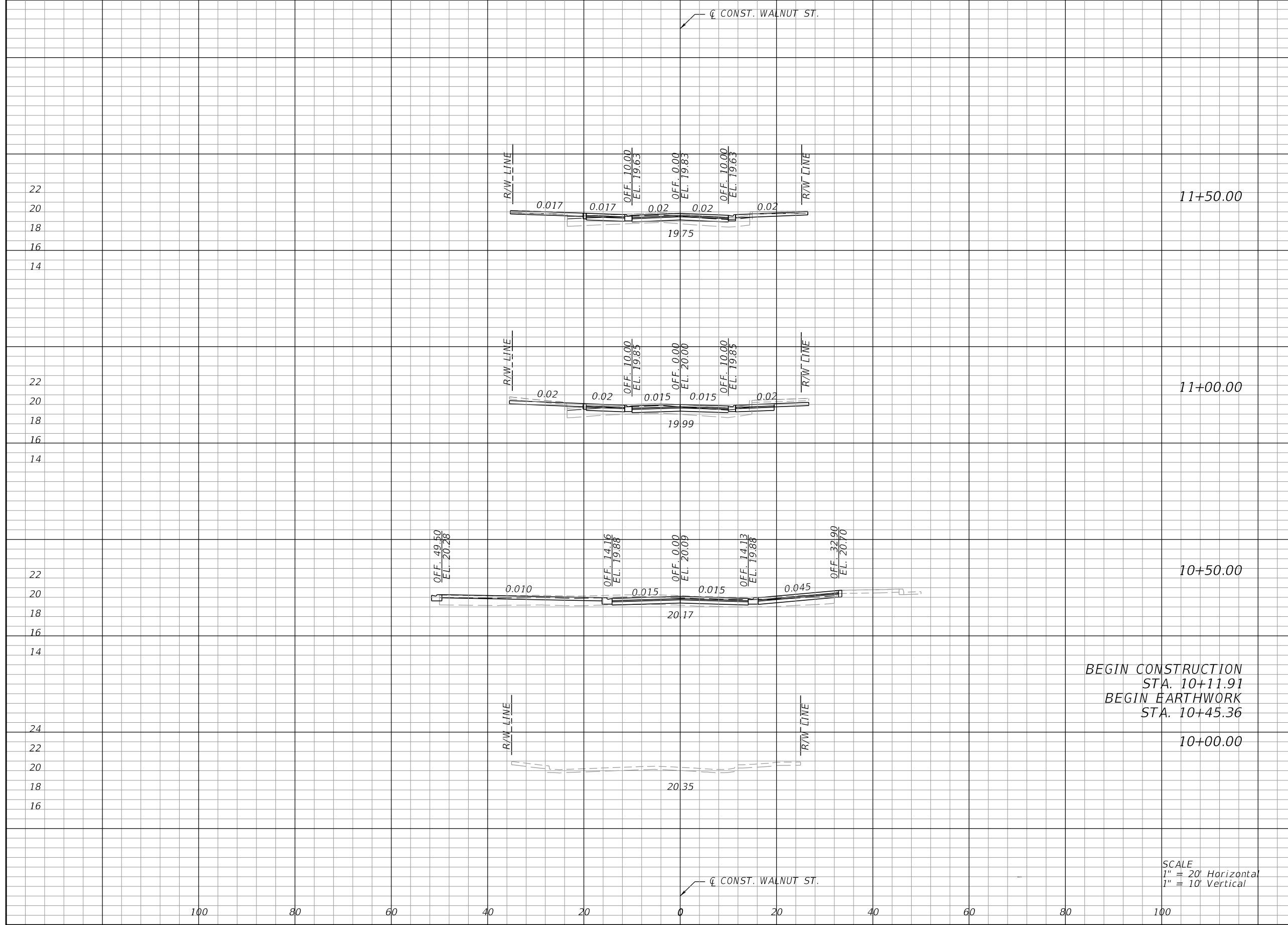


PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE: DRAINAGE DETAIL	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 74
	20

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Item #7.	Regular		Exc.		Embankment	
	A	V	A	V	A	V
				6.0		2.0
	4.1		0.1			
		9.3				0.2
	6.0		0			
		10.7				0
	5.5		0			
		0.5				0
	0		0			



REVISIONS				
BY	DESCRIPTION	DATE	BY	

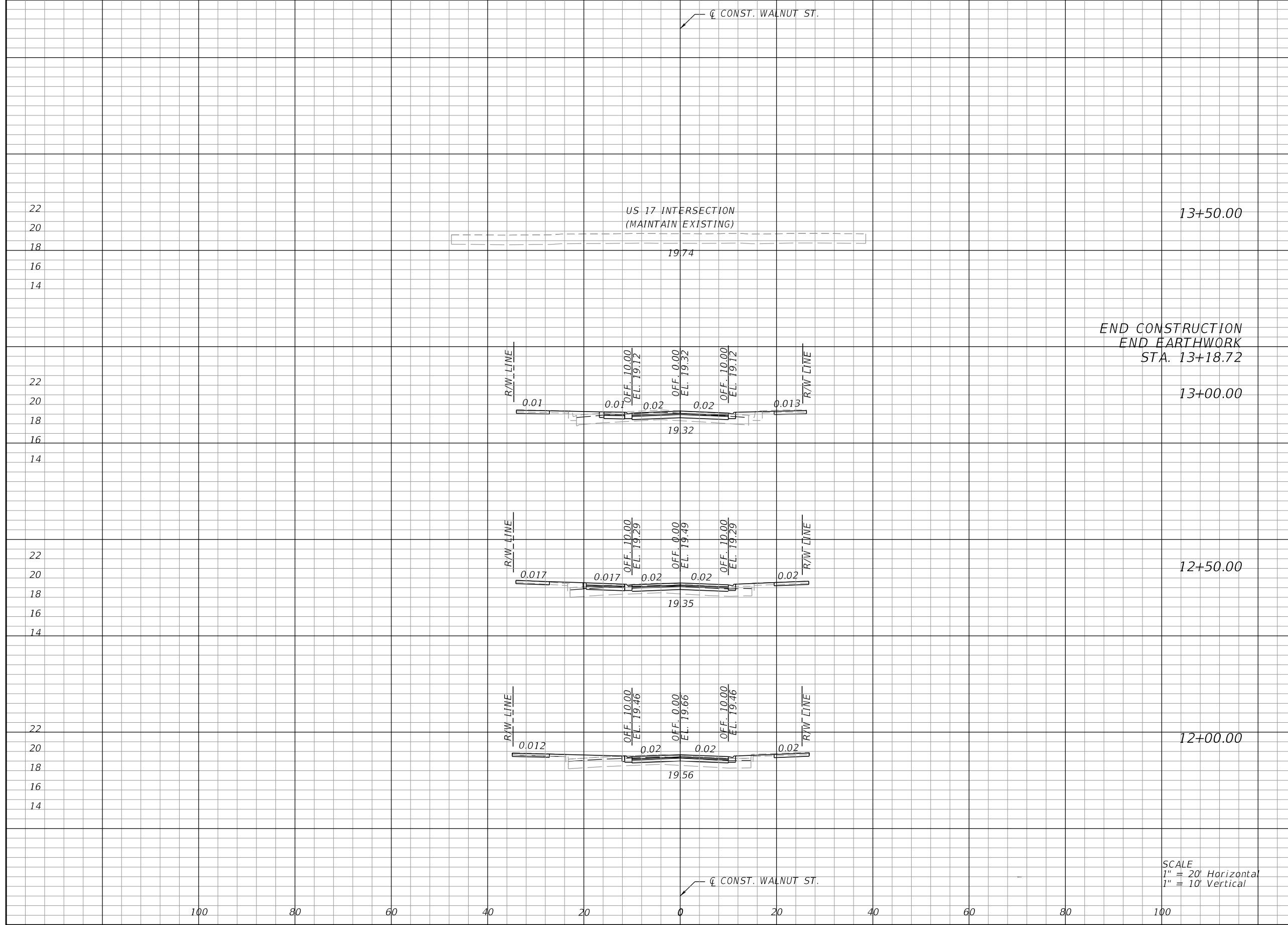
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

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Regular		Exc.	Embankment	
A	V	A	Item #7.	
			3.7	1.7
			0	0
			3.2	1.9
			3.5	2.0
			5.7	3.3
			2.7	1.5
			4.7	3.3
			2.4	2.0



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

100 80 60 40 20 0 20 40 60 80 100

REVISIONS				
BY	DESCRIPTION	DATE	BY	

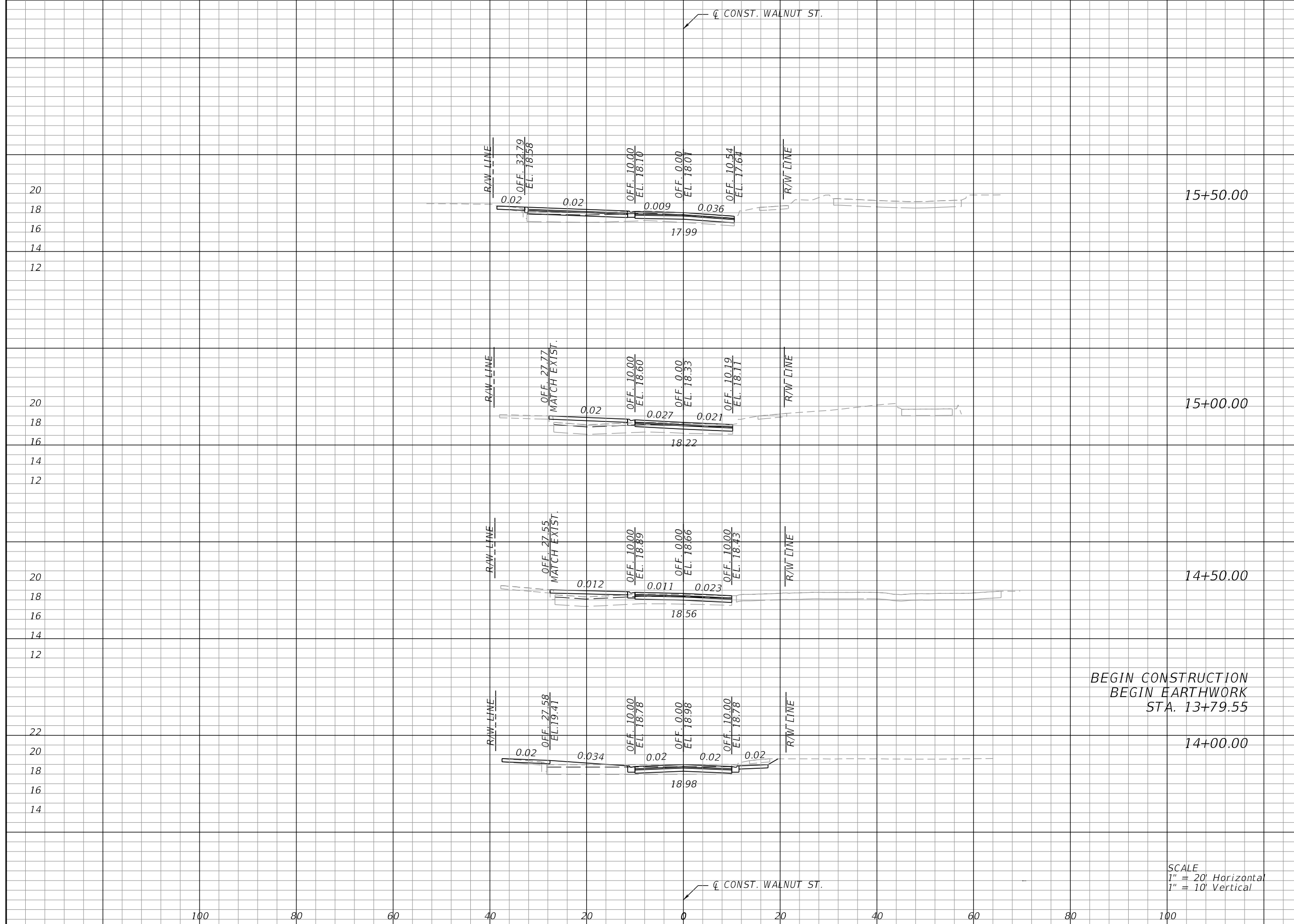
JOHN D. WESTCOTT
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 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

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Regular		Exc.	Embankment	
A	V	A	A	Item #7.
	4.8		0	
2.9		0		
	4.2		0	
1.6		0		
	3.0		0	
1.7		0		
	5.3		1.7	
4.0		1.8		

BEGIN CONSTRUCTION
 BEGIN EARTHWORK
 STA. 13+79.55

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

100 80 60 40 20 0 20 40 60 80 100

REVISIONS

BY	DESCRIPTION	DATE	BY

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

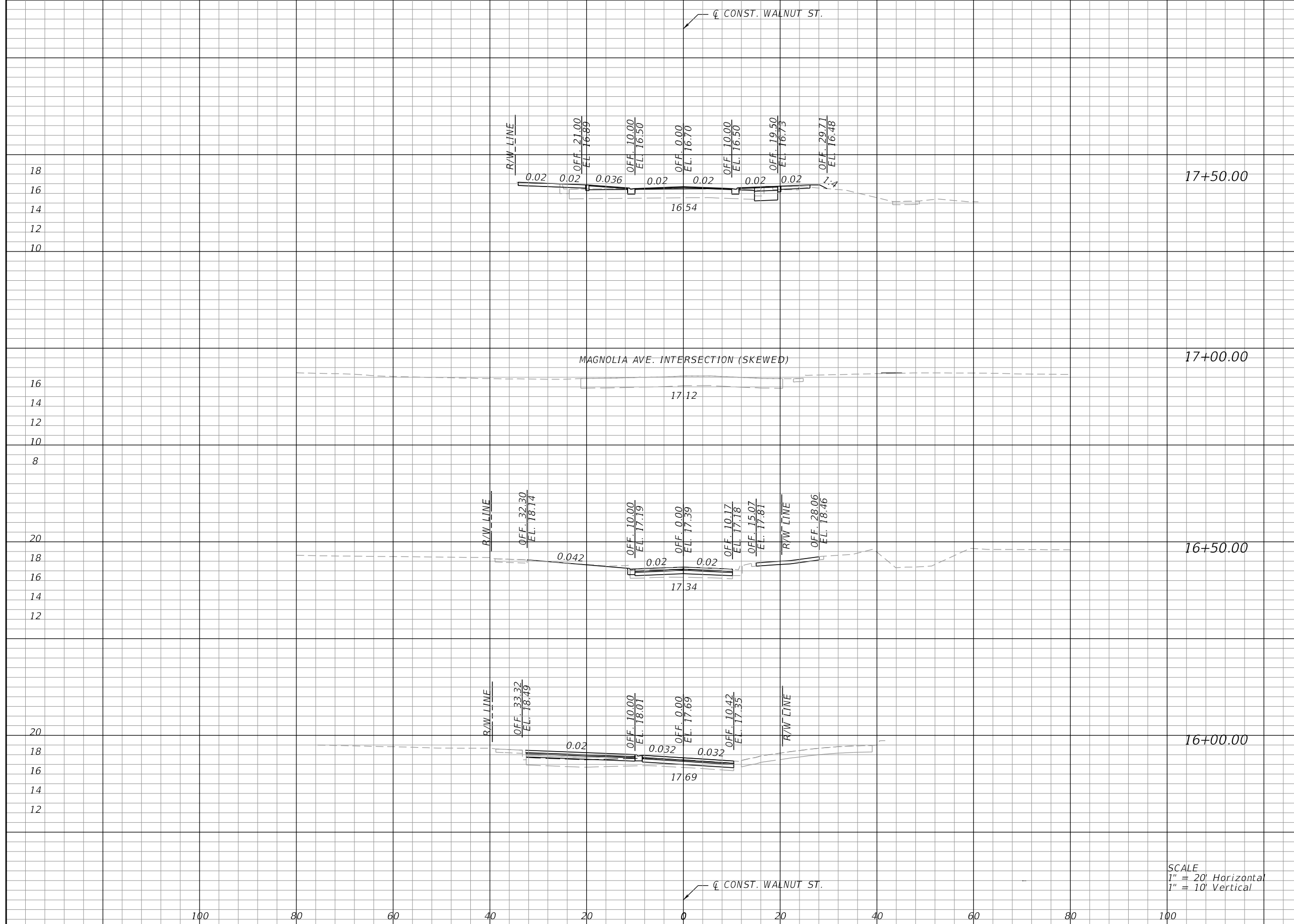


PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

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Item #7.	Regular Exc.		Embankment	
	A	V	A	
		3.1	1.4	
	1.5		0.1	
		1.3	0.1	
	0		0	
		2.2	0	
	2.4		0	
		4.3	0	
	2.3		0	

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				
BY	DESCRIPTION	DATE	BY	

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

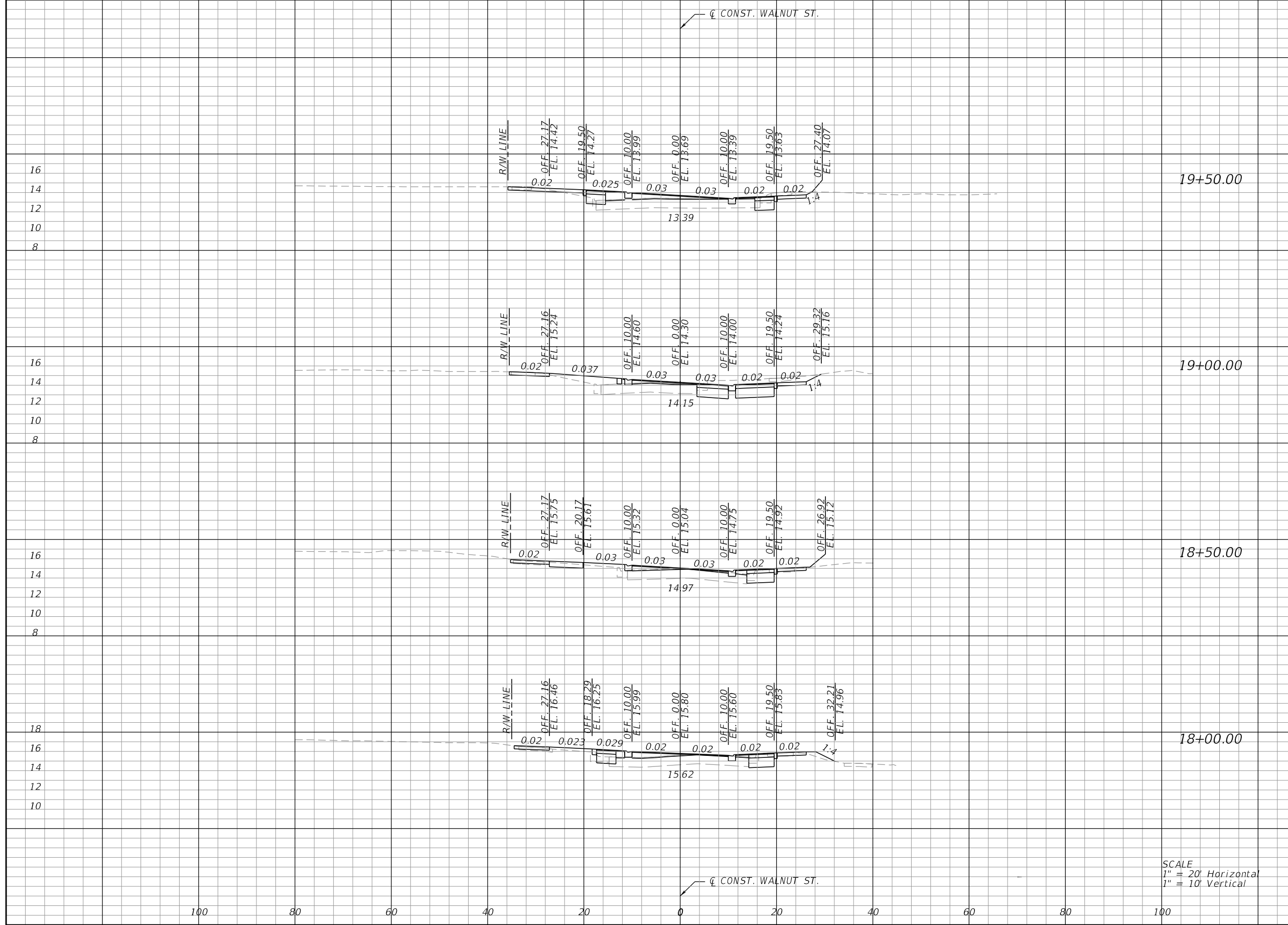
PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

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

Regular		Exc.	Embankment	
A	V	A	Item #7.	
			7.4	0.2
16 14 12 10 8		19+50.00	4.1	0.1
16 14 12 10 8		19+00.00	7.6	2.1
			8.8	3.0
16 14 12 10 8		18+50.00	2.0	1.1
			3.6	2.3
18 16 14 12 10		18+00.00	1.9	1.3



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				
BY	DESCRIPTION	DATE	BY	

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

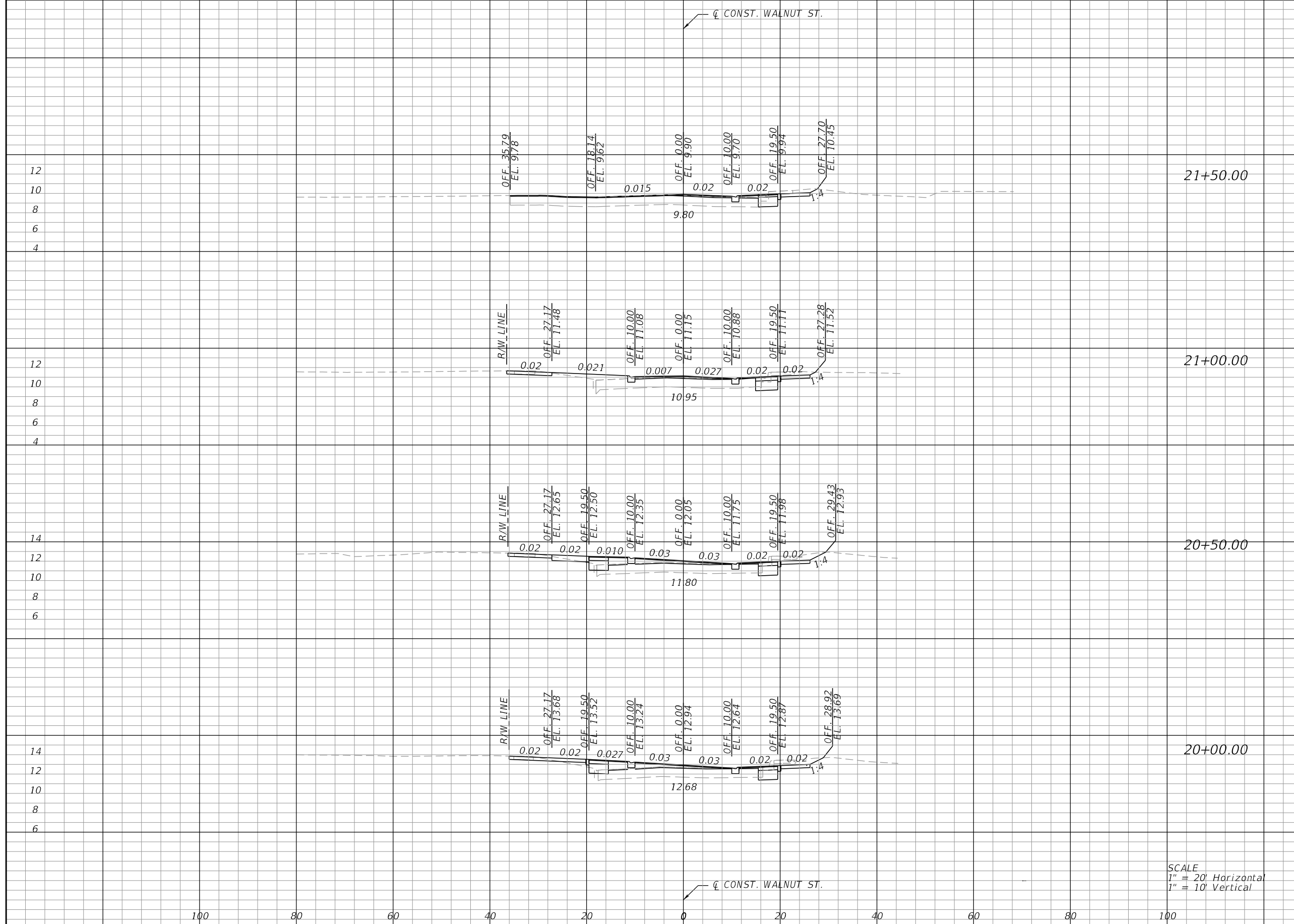
PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
CROSS SECTIONS
 WALNUT STREET

PROJECT NAME:

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




Station	Regular Exc.		Embankment		Item #7
	A	V	A		
21+50.00	1.8	4.4	0		0.6
21+00.00	2.9	4.4	1.4		1.3
20+50.00	3.6	6.0	0.1		1.3
20+00.00	4.0	7.0	0.1		0.2

SCALE
 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS				
BY	DESCRIPTION	DATE	BY	

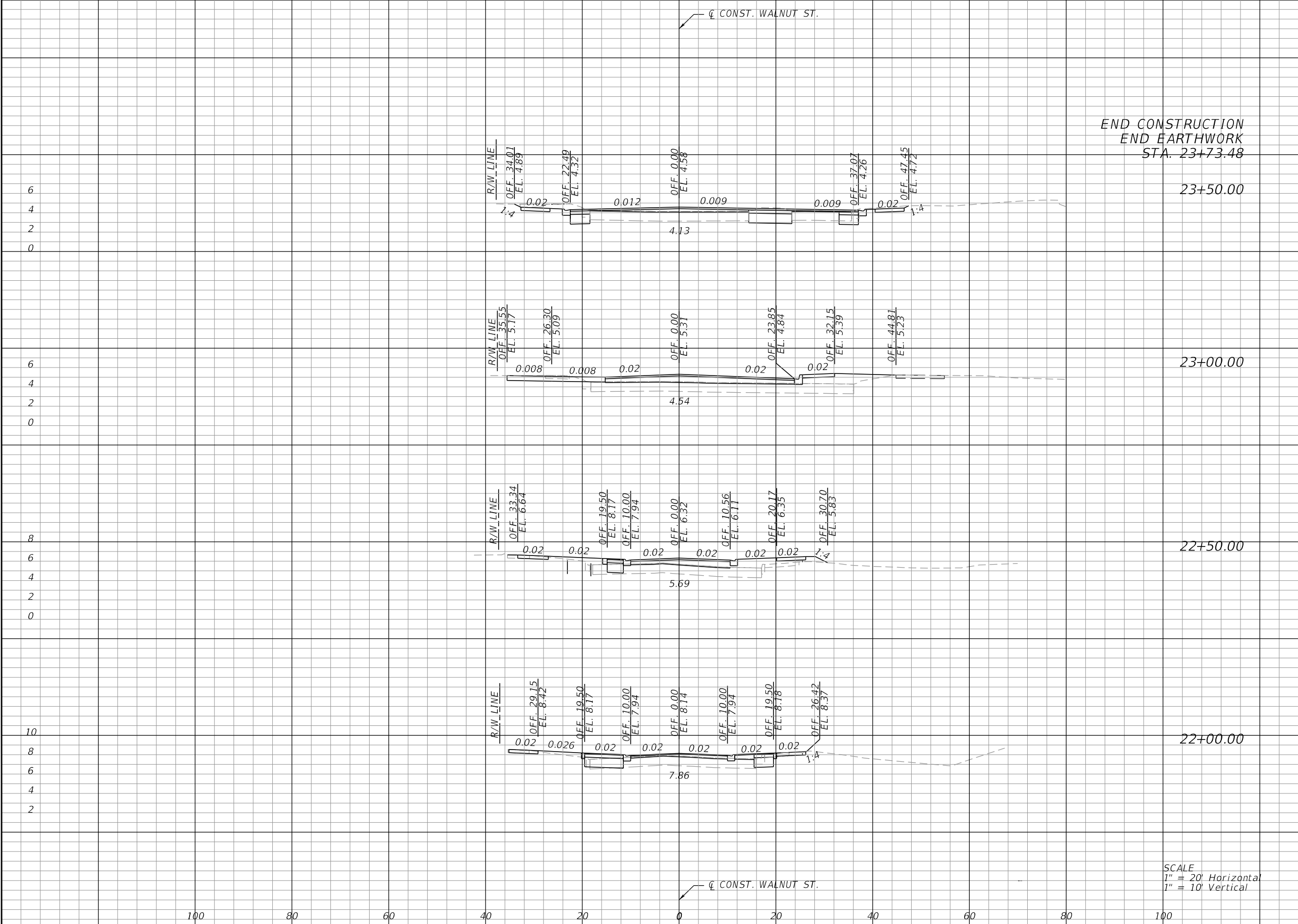
JOHN D. WESTCOTT
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 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

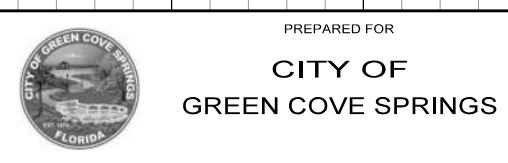
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Item #7.	Regular Exc.		Embankment	
	A	V	A	V
		7.3	0	
	7.9		0	
		8.8	2.8	
	1.5		3.0	
		2.4	6.6	
	1.1		4.1	
		3.7	4.4	
	2.9		0.6	

REVISIONS				
BY	DESCRIPTION	DATE	BY	

JOHN D. WESTCOTT
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 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



SHEET TITLE:
CROSS SECTIONS
 PROJECT NAME:
WALNUT STREET

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

Regular	Exc.	Embankment
A	V	A

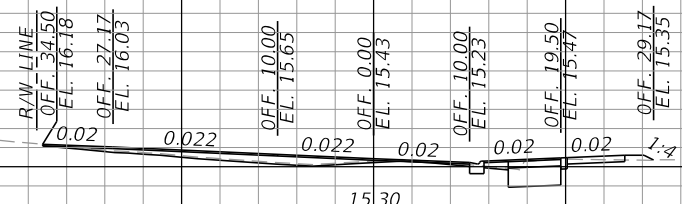
Item #7.

18
16
14
12
10

100 80 60 40 20 0 20 40 60 80 100

☐ CONST. WALNUT ST.

☐ CONST. WALNUT ST.



18+24.11

SCALE
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS

BY	DESCRIPTION	DATE	BY

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003



PREPARED FOR
CITY OF GREEN COVE SPRINGS

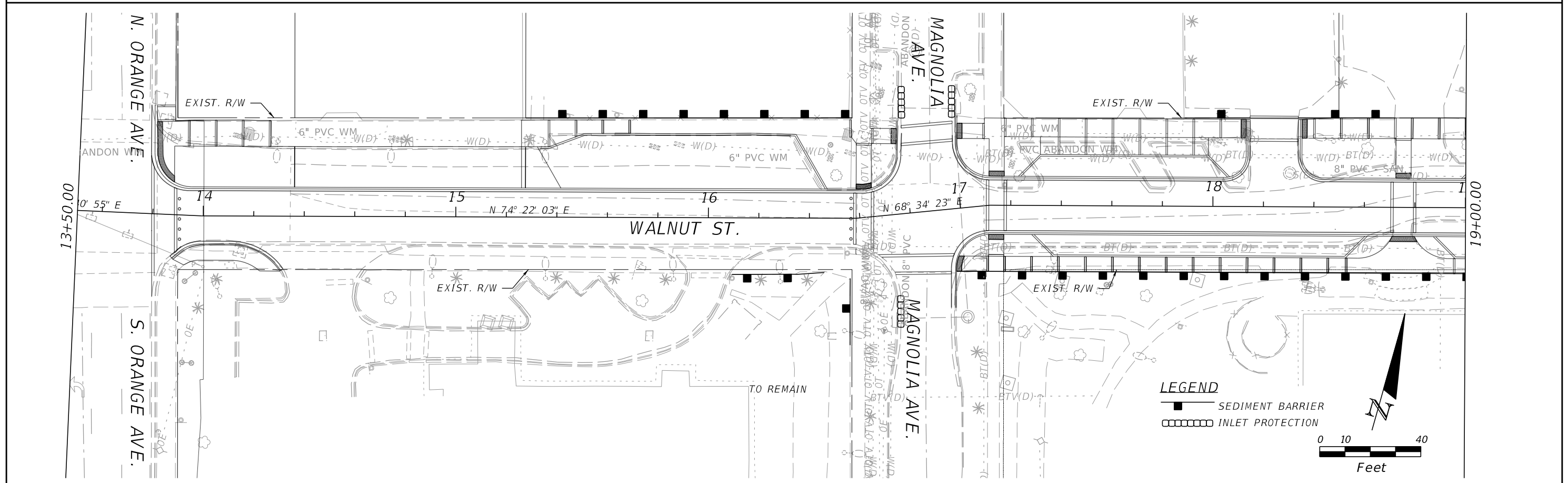
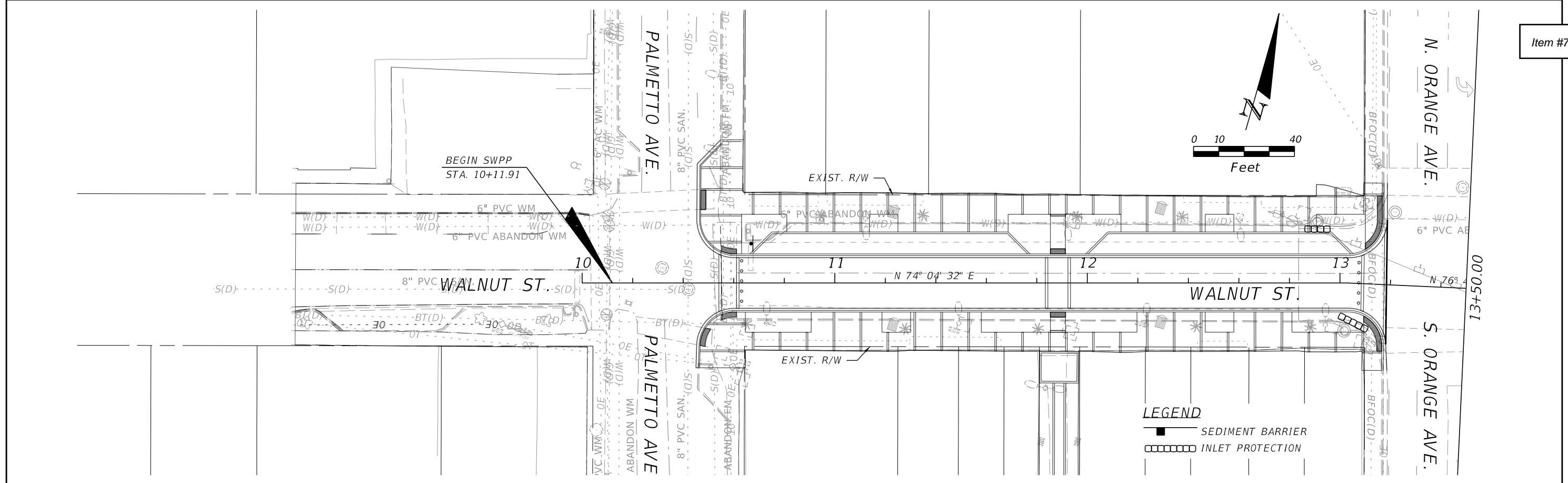
SHEET TITLE:
DRIVEWAY CROSS SECTIONS
PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

Page 82

28

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 FLEMING ISLAND, FL 32003

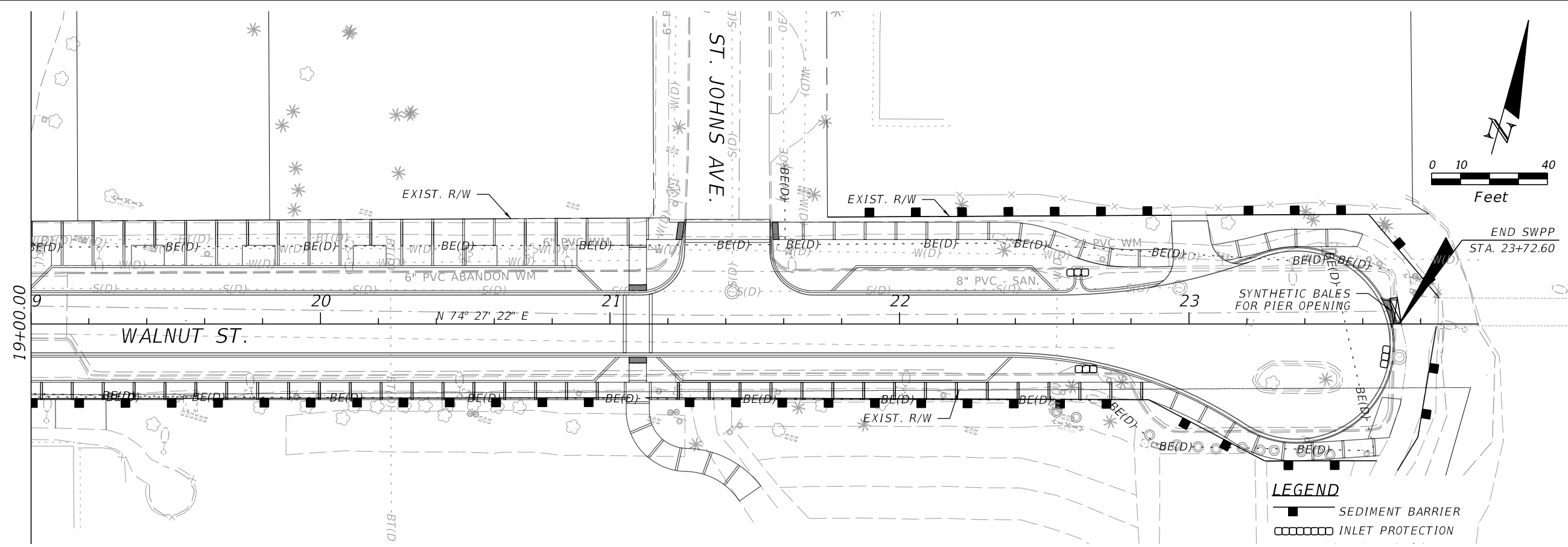
PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
EROSION CONTROL PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

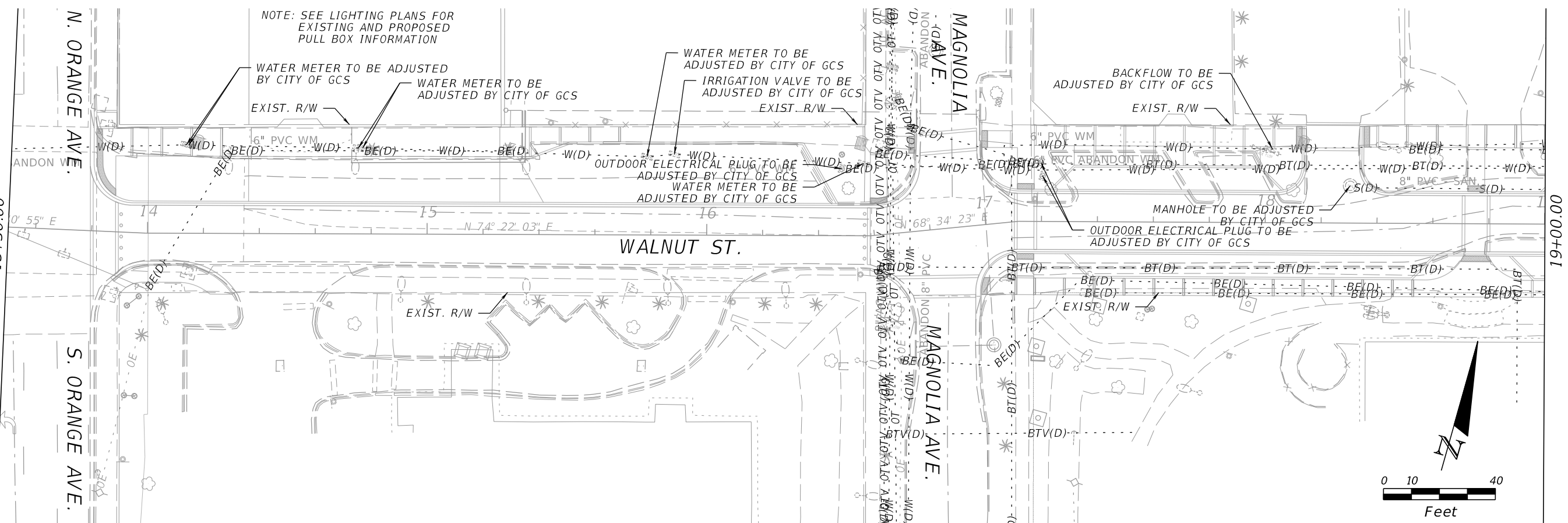
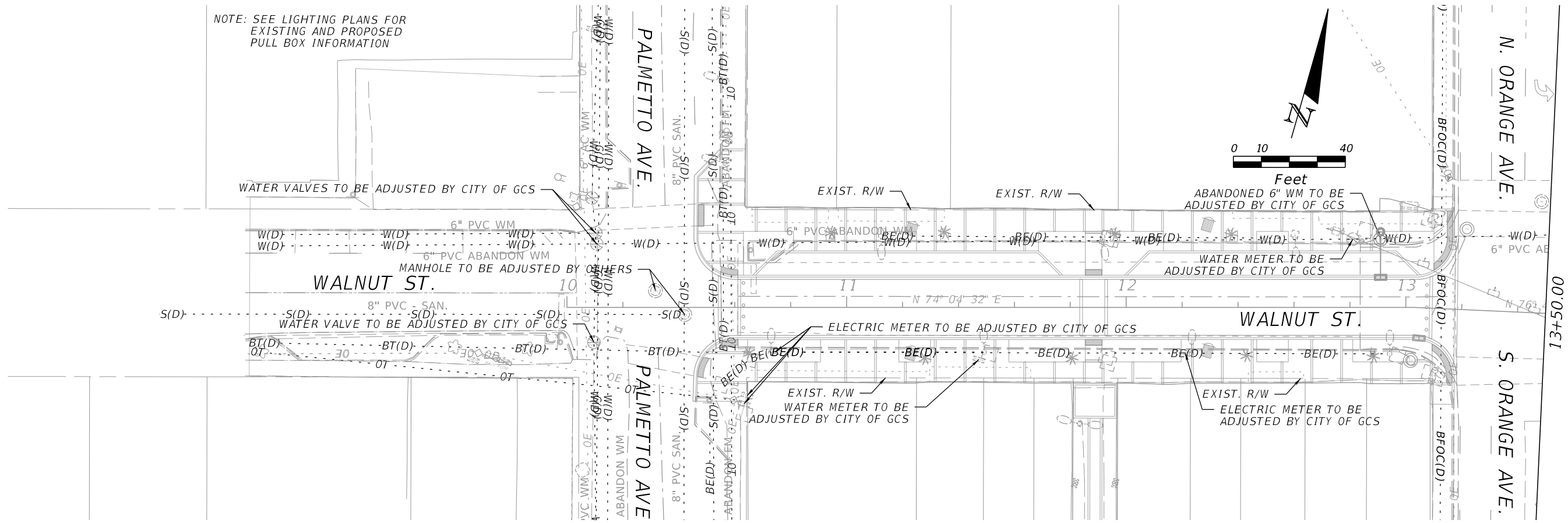
JOHN D. WESTCOTT
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 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
EROSION CONTROL PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

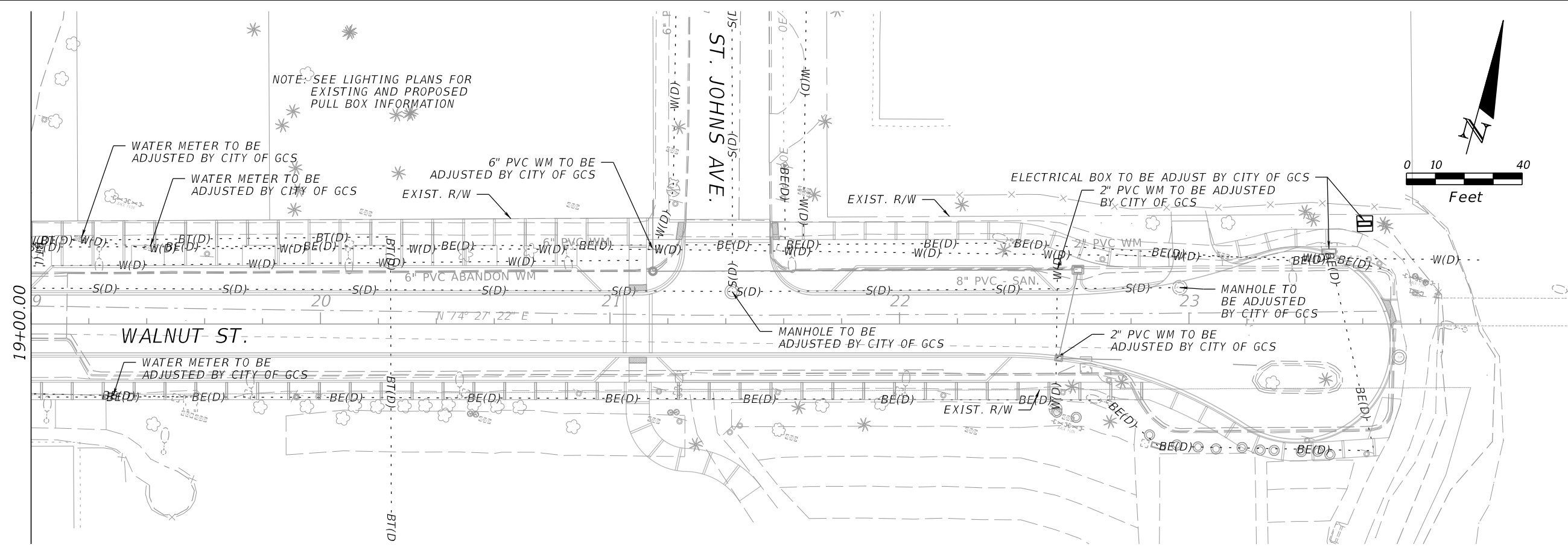
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR

CITY OF GREEN COVE SPRINGS

SHEET TITLE:
UTILITY ADJUSTMENT PLAN
 PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

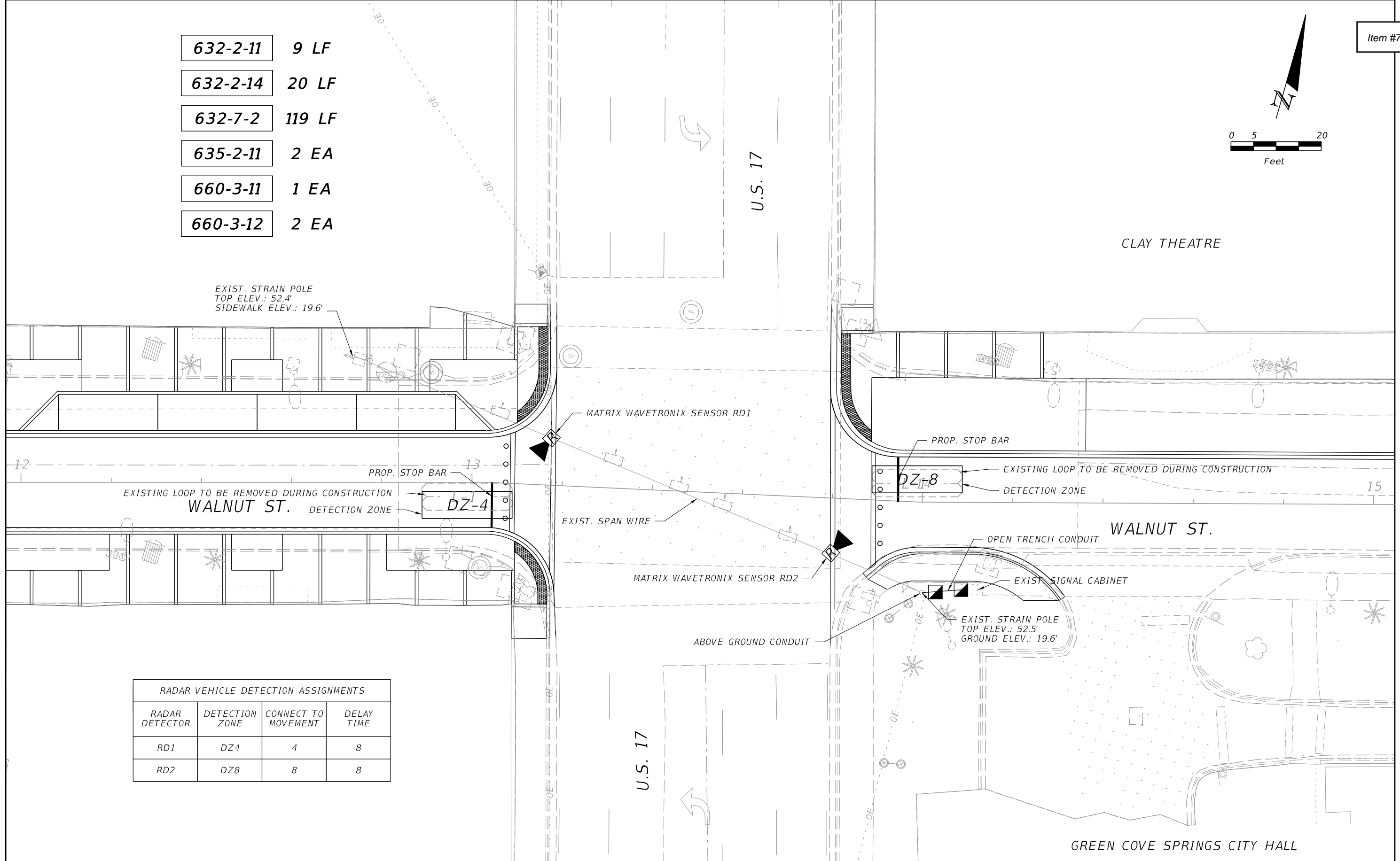
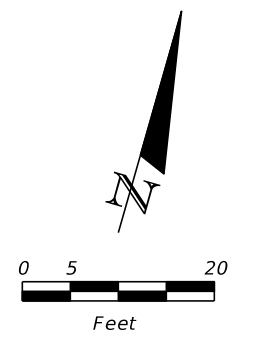
SHEET TITLE:
UTILITY ADJUSTMENT PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.

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

- 632-2-11 9 LF
- 632-2-14 20 LF
- 632-7-2 119 LF
- 635-2-11 2 EA
- 660-3-11 1 EA
- 660-3-12 2 EA



RADAR VEHICLE DETECTION ASSIGNMENTS			
RADAR DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME
RD1	DZ4	4	8
RD2	DZ8	8	8

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



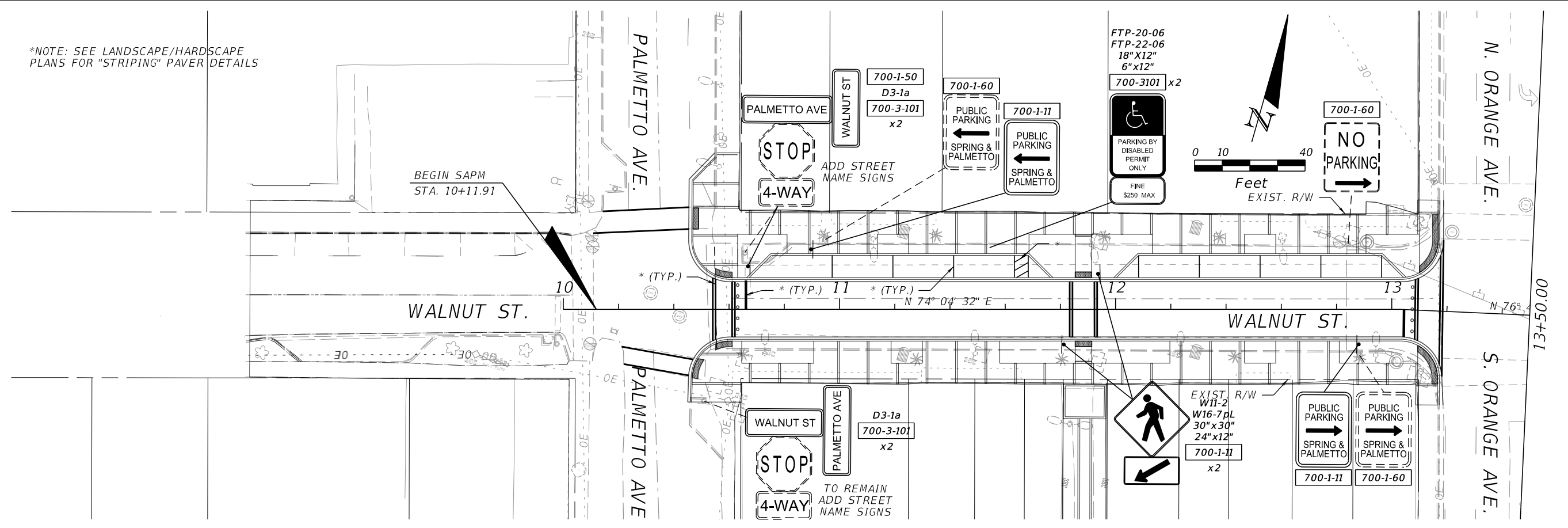
SHEET TITLE:
SIGNALIZATION PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

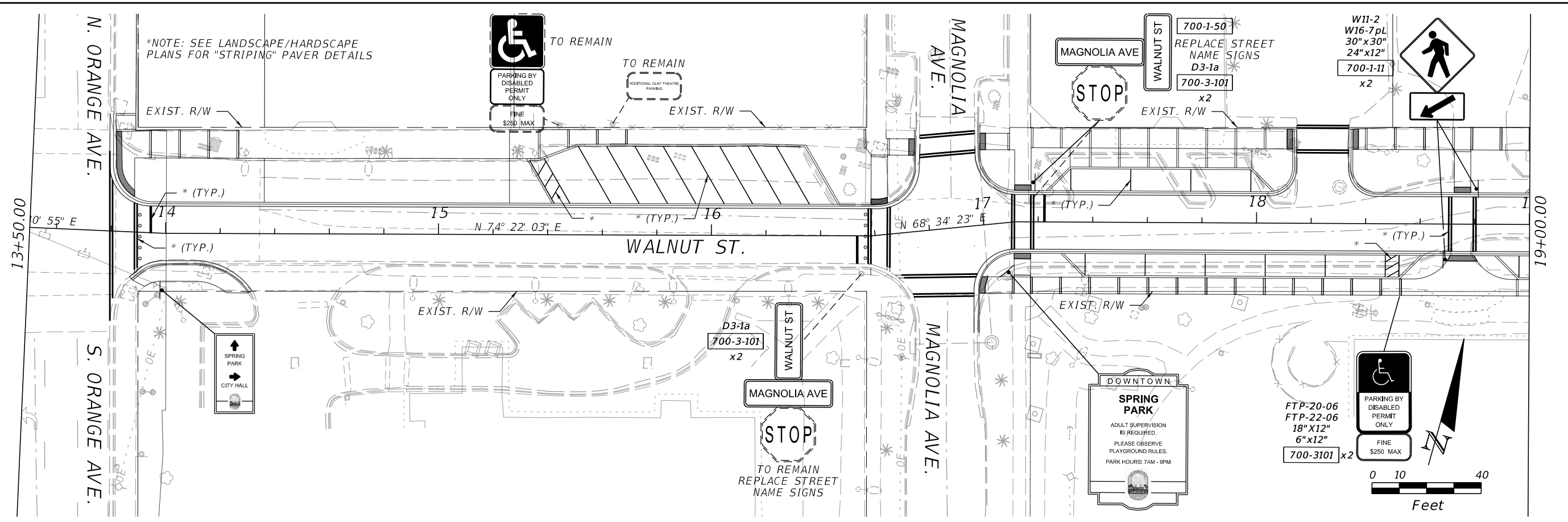
REF. DWG. NO.
 33

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*NOTE: SEE LANDSCAPE/HARDSCAPE PLANS FOR "STRIPING" PAVEMENT DETAILS



*NOTE: SEE LANDSCAPE/HARDSCAPE PLANS FOR "STRIPING" PAVEMENT DETAILS



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

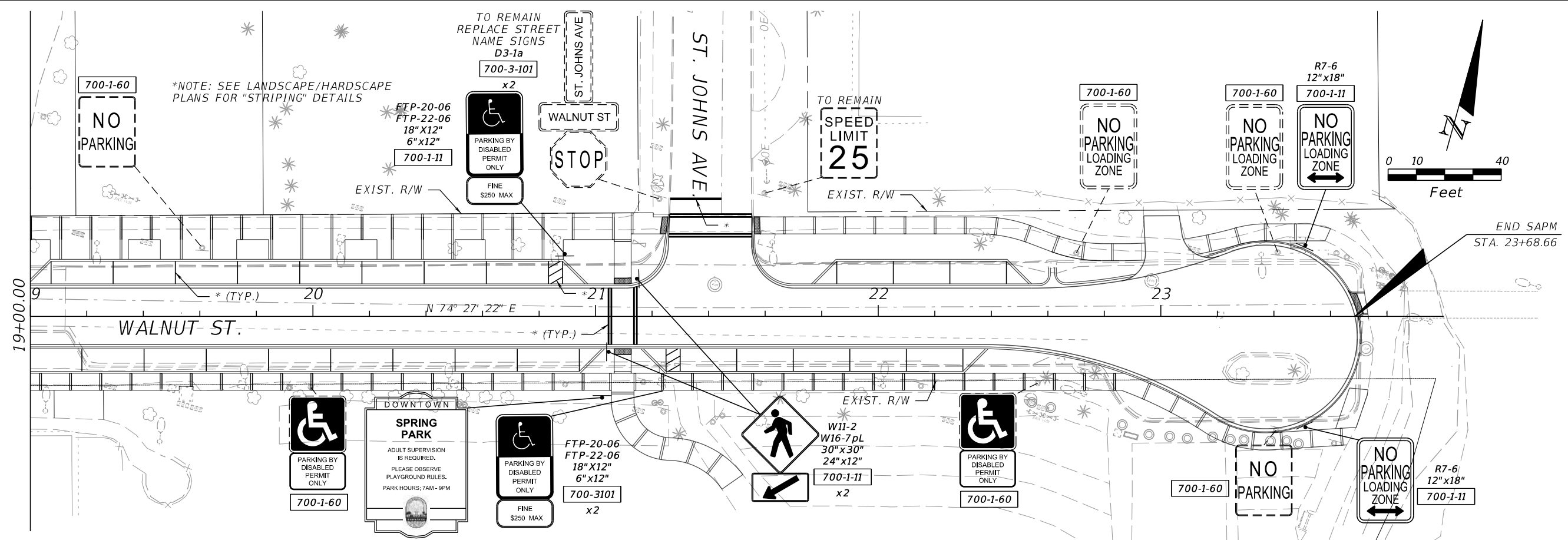
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
SIGNING AND PAVEMENT MARKING PLAN
 PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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



REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
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 FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

SHEET TITLE:
SIGNING AND PAVEMENT MARKING PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.

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SIGN NAME	Walnut	QTY	1	SIGN NUMBER		STATION(S)	none
PANEL	BORDER						
WIDTH	4'-6"	WIDTH	0.5"				
HEIGHT	0'-8"	RADII	1.5"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
Seat Belt	0	45.6	1	3.9	6		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			

NOTE: THE CITY OF GREEN COVE SPRINGS DOWNTOWN LOGO WILL BE PLACED WHERE THE PLACEHOLDER IS SHOWN IN EACH SIGN (D3-1a) (SEE SUPPORTING DOCUMENTATION FOR LOGO INFORMATION)

BORDER 4.6" 44.8" 4.6"
R=1.5"
TH=0.5"

Panel Style: Street Name 6-4in.ssi
M.U.T.C.D.: 2009 Edition

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	W	a	l	n	u	t	S	t	L										
SPACE	4.6	10.4	15	17.1	21.7	25.9	28.3	31.3	35.8	38.5	35								
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	Palmetto	QTY	1	SIGN NUMBER		STATION(S)	none
PANEL	BORDER						
WIDTH	5'-6"	WIDTH	0.5"				
HEIGHT	0'-8"	RADII	1.5"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
Seat Belt	0	58.7	1	3.9	6		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			

NOTE: THE CITY OF GREEN COVE SPRINGS DOWNTOWN LOGO WILL BE PLACED WHERE THE PLACEHOLDER IS SHOWN IN EACH SIGN (D3-1a) (SEE SUPPORTING DOCUMENTATION FOR LOGO INFORMATION)

BORDER 3.45" 59.1" 3.45"
R=1.5"
TH=0.5"

Panel Style: Street Name 6-4in.ssi
M.U.T.C.D.: 2009 Edition

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	P	a	l	m	e	t	t	A	v	e	L								
SPACE	3.5	8	12.6	14.7	21.6	25.4	27.9	30.8	34.4	37.4	42.8	47.6	51.6	49.2					
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	Magnolia	QTY	1	SIGN NUMBER		STATION(S)	none
PANEL	BORDER						
WIDTH	5'-6"	WIDTH	0.5"				
HEIGHT	0'-8"	RADII	1.5"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
Seat Belt	0	58.8	1	3.9	6		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			

NOTE: THE CITY OF GREEN COVE SPRINGS DOWNTOWN LOGO WILL BE PLACED WHERE THE PLACEHOLDER IS SHOWN IN EACH SIGN (D3-1a) (SEE SUPPORTING DOCUMENTATION FOR LOGO INFORMATION)

BORDER 3.3" 59.4" 3.3"
R=1.5"
TH=0.5"

Panel Style: Street Name 6-4in.ssi
M.U.T.C.D.: 2009 Edition

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	M	a	g	n	o	l	i	a	A	v	e	L							
SPACE	3.3	9	13.3	18.1	22.5	27.2	29.3	31.2	34.6	37.6	43	47.7	51.8	49.6					
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME	St. Johns	QTY	1	SIGN NUMBER		STATION(S)	none
PANEL	BORDER						
WIDTH	5'-6"	WIDTH	0.5"				
HEIGHT	0'-8"	RADII	1.5"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
Seat Belt	0	59.5	1	3.9	6		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			

NOTE: THE CITY OF GREEN COVE SPRINGS DOWNTOWN LOGO WILL BE PLACED WHERE THE PLACEHOLDER IS SHOWN IN EACH SIGN (D3-1a) (SEE SUPPORTING DOCUMENTATION FOR LOGO INFORMATION)

BORDER 2.65" 60.7" 2.65"
R=1.5"
TH=0.5"

Panel Style: Street Name 6-4in.ssi
M.U.T.C.D.: 2009 Edition

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	S	t	J	o	h	n	s	A	v	e	L								
SPACE	2.7	7.1	9.8	10.9	13.9	18.8	23.4	28.1	32.4	35.2	38.2	43.6	48.4	52.4	50.8				
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS

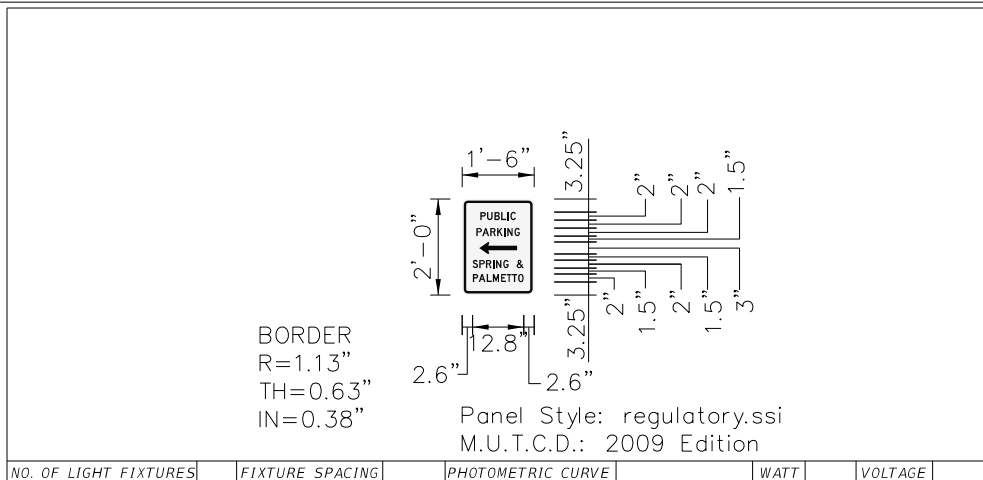
SHEET TITLE: GUIDE SIGN WORKSHEET	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	

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SIGN NAME	name	QTY	SIGN NUMBER	STATION(S)
PANEL			BORDER	none
WIDTH	1'-6"	WIDTH	0.63"	
HEIGHT	2'-0"	RADII	1.13"	
LEGEND	Black	COLOR	Black	
COLOR	White			

SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_THRU	90	4.3	10.2	3	9.4

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH
-------------	-----------------	------------------------	-------------	----------------



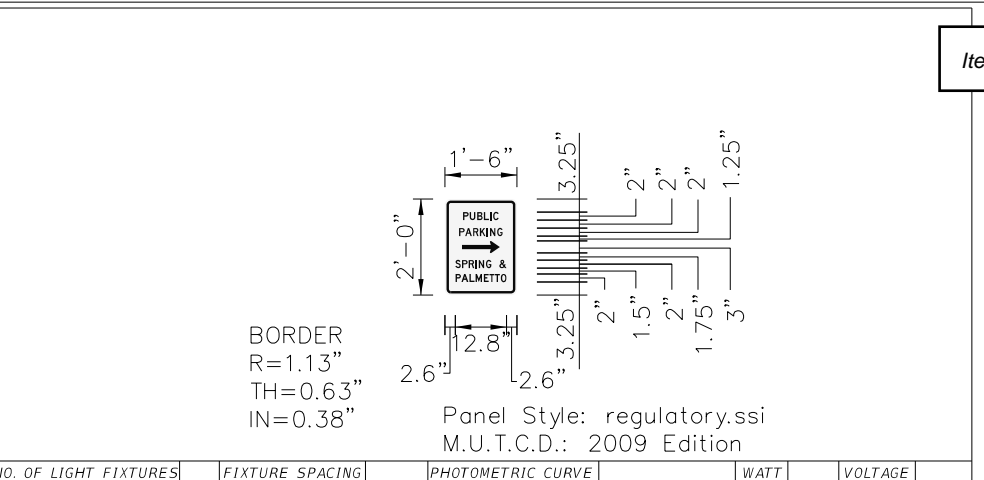
NO. OF LIGHT FIXTURES FIXTURE SPACING PHOTOMETRIC CURVE WATT VOLTAGE

COPY	P	U	B	L	I	C	L	
SPACE	4.6	6.2	8.1	9.8	11.3	12.1	8.9	
COPY	P	A	R	K	I	N	G	L
SPACE	3.6	5	7	8.7	10.5	11.3	13.1	10.9
COPY	S	P	R	I	N	G	&	L
SPACE	2.6	4.3	6	7.7	8.5	10.3	11.6	13.6
COPY	P	A	L	M	E	T	T	O
SPACE	2.7	4.1	6.1	7.7	9.7	11.1	12.5	14

SIGN NAME	name	QTY	SIGN NUMBER	STATION(S)
PANEL			BORDER	none
WIDTH	1'-6"	WIDTH	0.63"	
HEIGHT	2'-0"	RADII	1.13"	
LEGEND	Black	COLOR	Black	
COLOR	White			

SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_THRU	270	4.3	10.5	3	9.4

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH
-------------	-----------------	------------------------	-------------	----------------



NO. OF LIGHT FIXTURES FIXTURE SPACING PHOTOMETRIC CURVE WATT VOLTAGE

COPY	P	U	B	L	I	C	L	
SPACE	4.6	6.2	8.1	9.8	11.3	12.1	8.9	
COPY	P	A	R	K	I	N	G	L
SPACE	3.6	5	7	8.7	10.5	11.3	13.1	10.9
COPY	S	P	R	I	N	G	&	L
SPACE	2.6	4.3	6	7.7	8.5	10.3	11.6	13.6
COPY	P	A	L	M	E	T	T	O
SPACE	2.7	4.1	6.1	7.7	9.7	11.1	12.5	14

SIGN NAME	name	QTY	SIGN NUMBER	STATION(S)
PANEL			BORDER	
WIDTH		WIDTH		
HEIGHT		RADII		
LEGEND		COLOR		
COLOR				

SYMBOL(S)	ANGLE	X	Y	WID	HT
-----------	-------	---	---	-----	----

SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH
-------------	-----------------	------------------------	-------------	----------------

NO. OF LIGHT FIXTURES FIXTURE SPACING PHOTOMETRIC CURVE WATT VOLTAGE

COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								

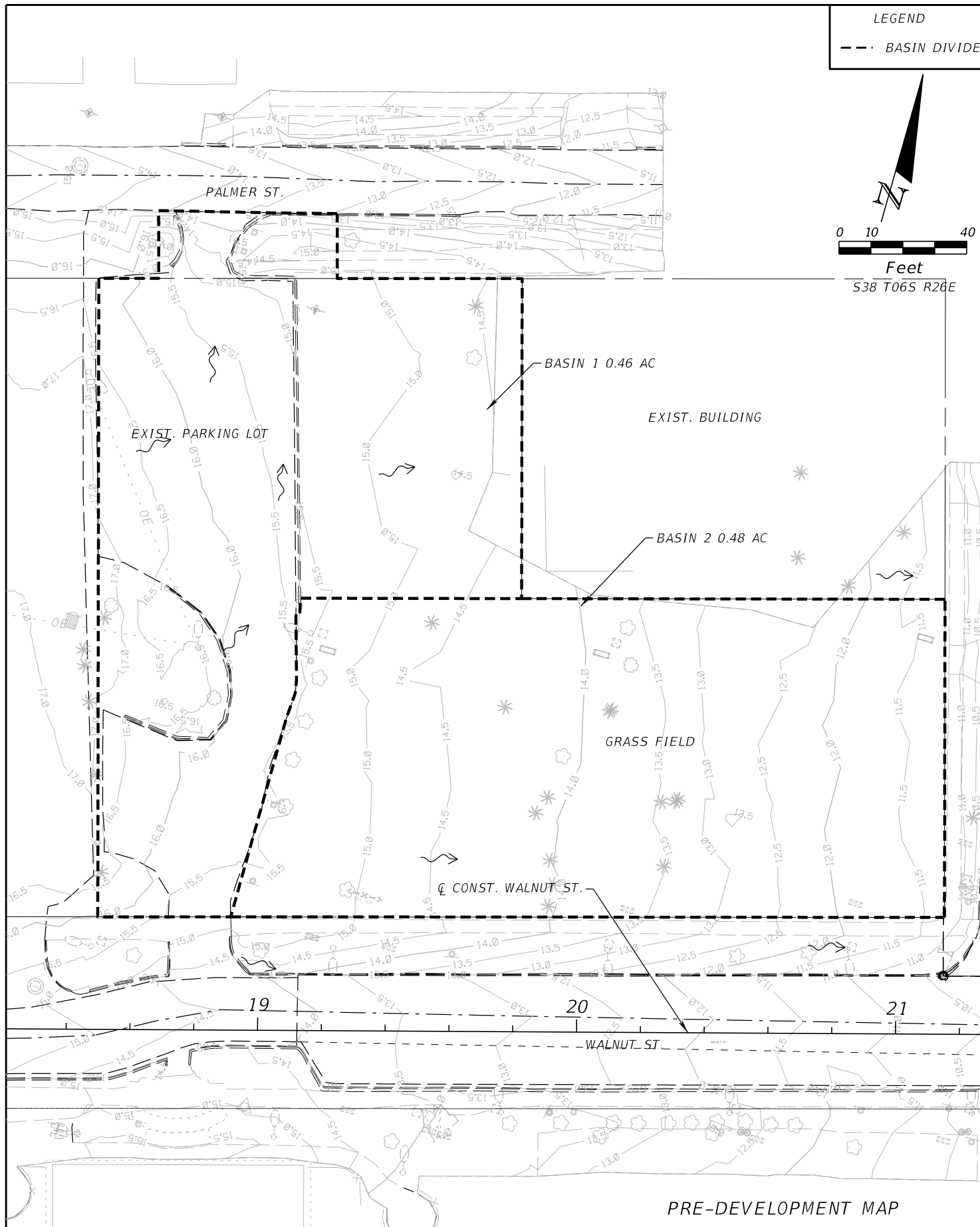
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PANEL			BORDER	
WIDTH		WIDTH		
HEIGHT		RADII		
LEGEND		COLOR		
COLOR				

SYMBOL(S)	ANGLE	X	Y	WID	HT
-----------	-------	---	---	-----	----

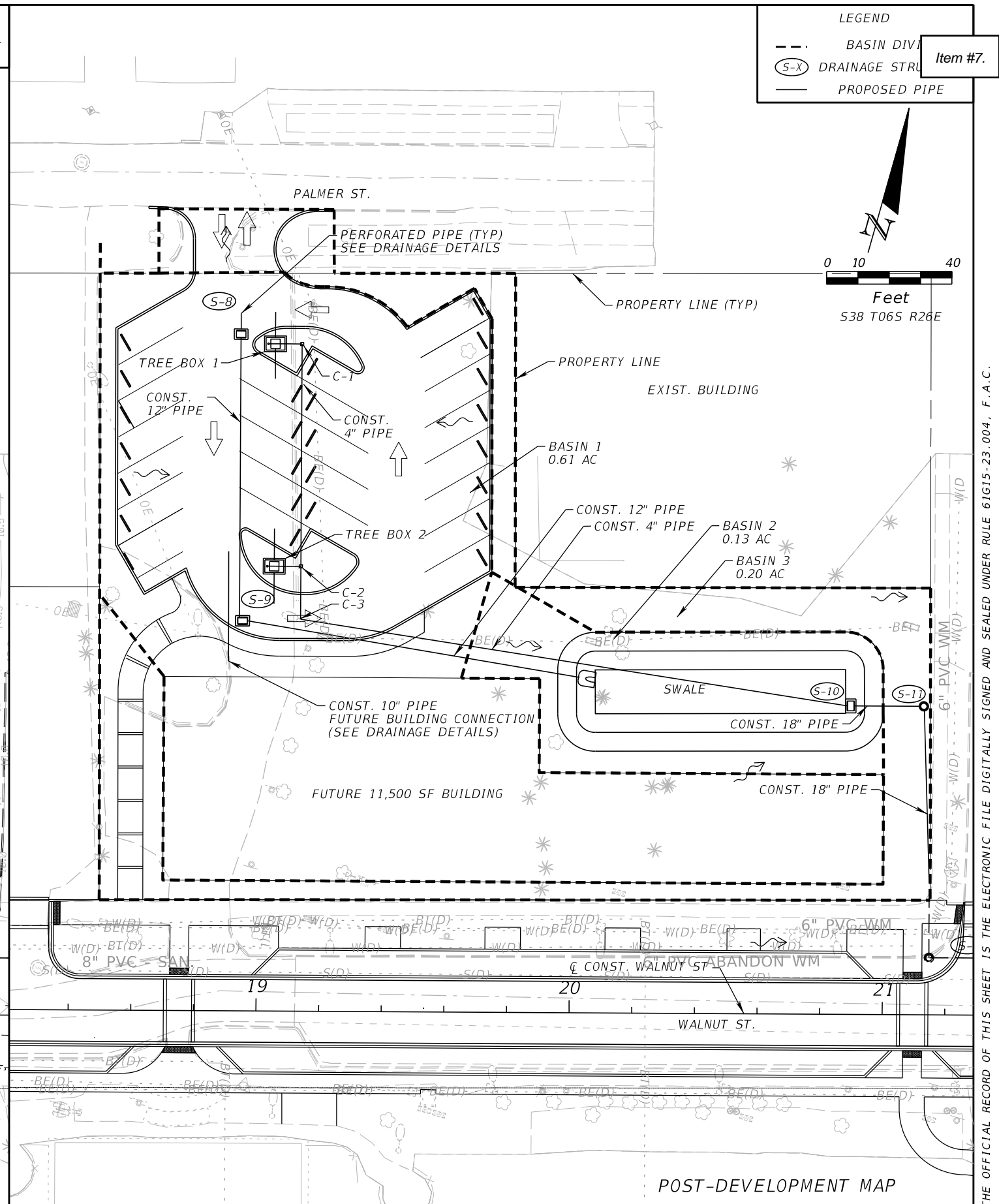
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH
-------------	-----------------	------------------------	-------------	----------------

NO. OF LIGHT FIXTURES FIXTURE SPACING PHOTOMETRIC CURVE WATT VOLTAGE

COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								
COPY								
SPACE								



PRE-DEVELOPMENT MAP



POST-DEVELOPMENT MAP

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
 P.E. NO. 77549
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR
CITY OF GREEN COVE SPRINGS



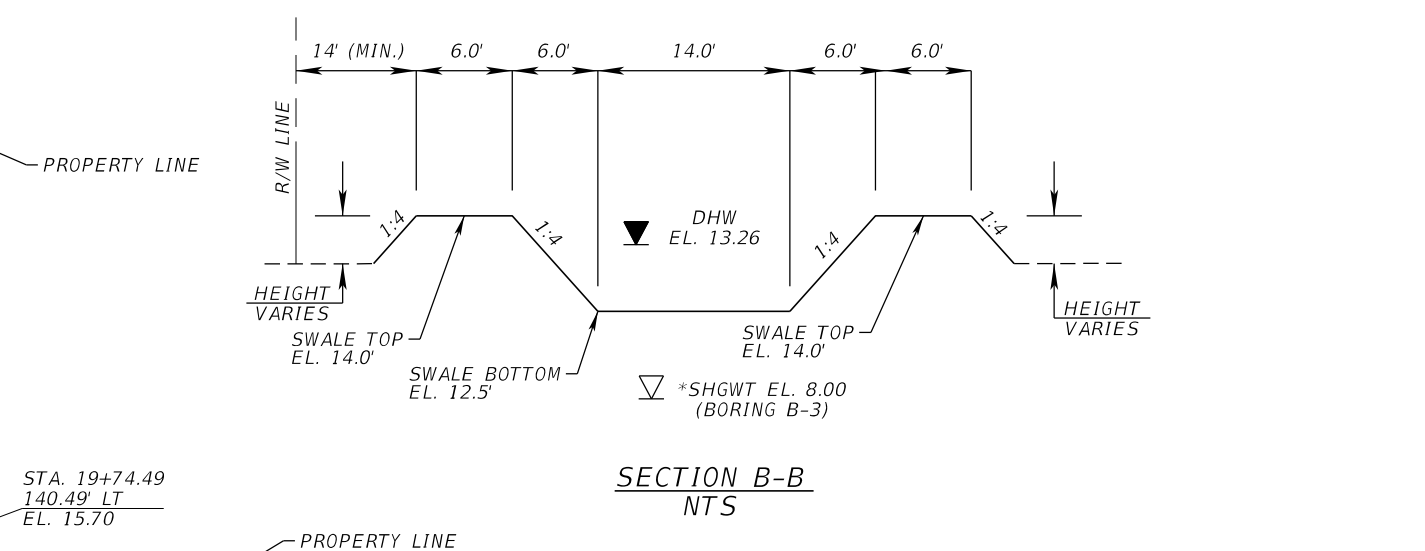
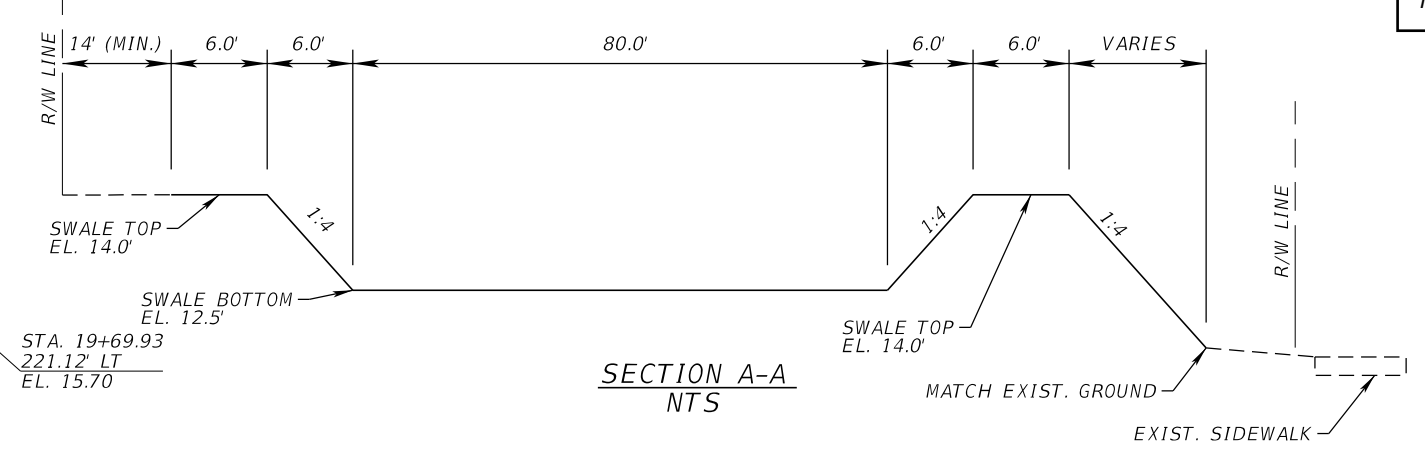
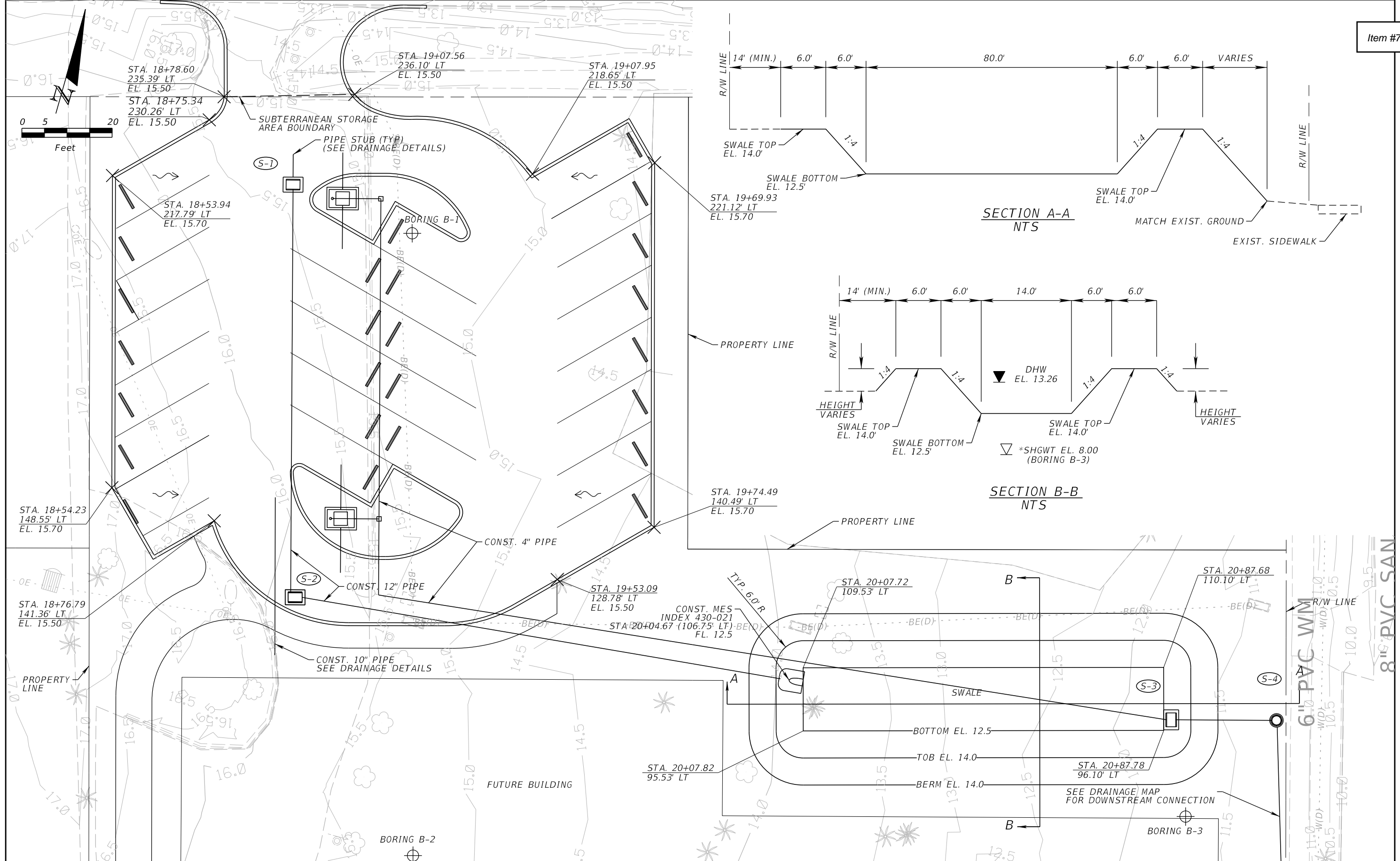
SHEET TITLE:
PARKING LOT DRAINAGE MAP

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.
 Page 92

38

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
 P.E. NO. 77549
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

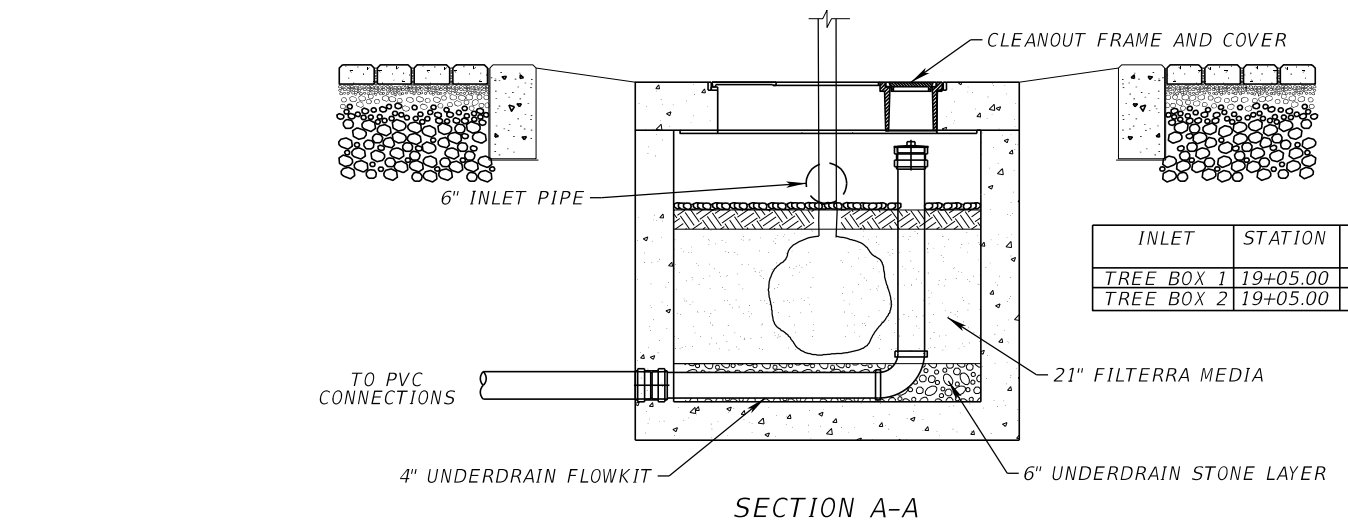
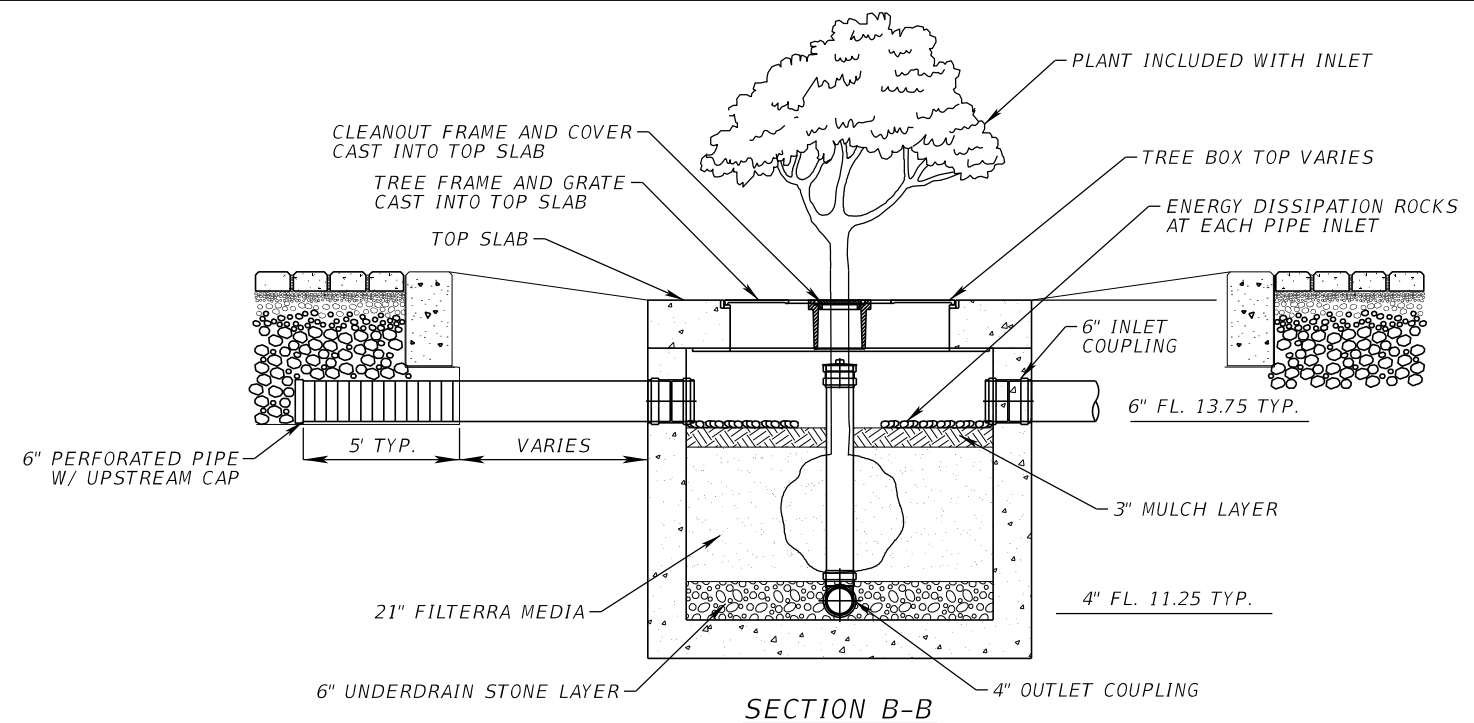
PREPARED FOR
CITY OF GREEN COVE SPRINGS



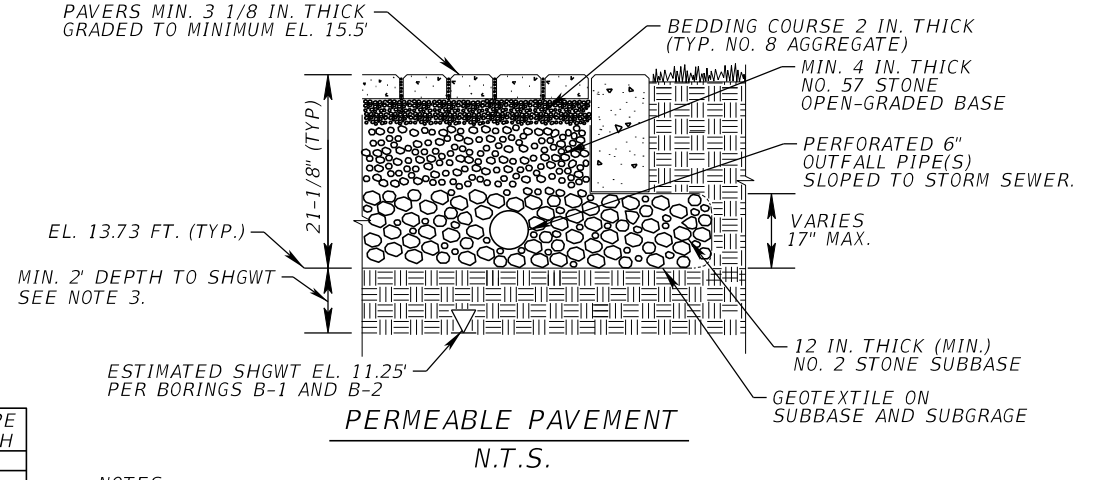
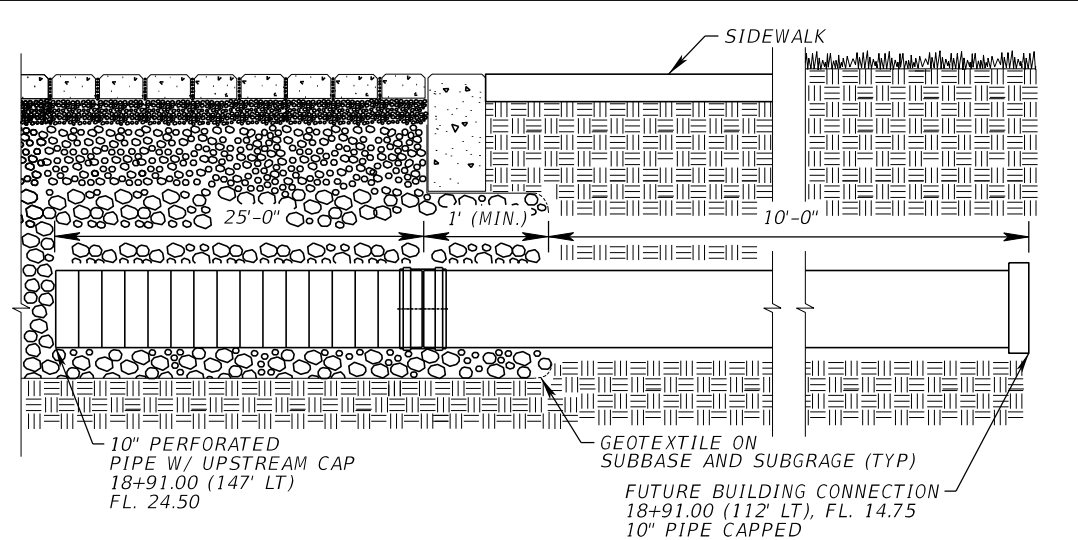
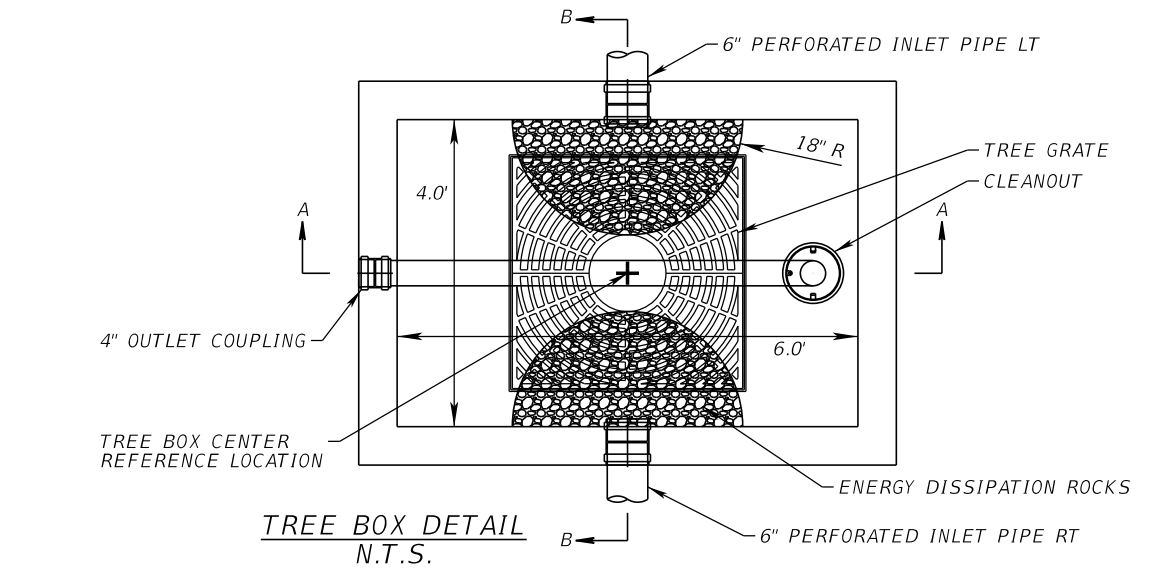
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PARKING LOT GRADING DETAIL

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

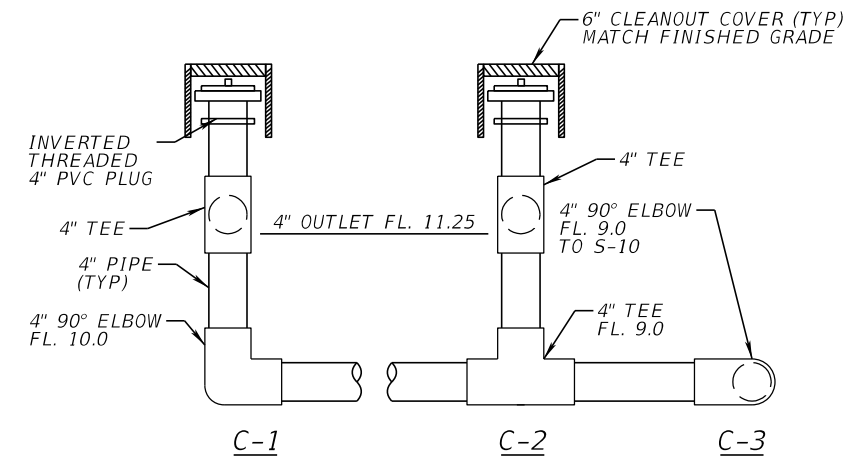
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INLET	STATION	OFFSET	INLET TOP EL.	LT PIPE LENGTH	RT PIPE LENGTH
TREE BOX 1	19+05.00	213' LT	15.25	8'	10'
TREE BOX 2	19+05.00	147' LT	15.25	10'	10'



- NOTES:
- NO. 57 STONE BASE THICKNESS VARIES WITH DESIGN.
 - NO. 2 STONE MAY BE SUBSTITUTED WITH NO. 3 OR NO. 4 STONE.
 - SUBGRADE SOIL SHALL BE COMPACTED TO A MAXIMUM OF 92% - 95% MODIFIED PROCTOR DENSITY (ASTM D-1557) TO A MINIMUM DEPTH OF 24 INCHES.



CONNECTION	STATION	OFFSET
C-1	19+13.50	213' LT
C-2	19+13.50	142' LT
C-3	19+13.50	132' LT

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 P.E. NO. 77549
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



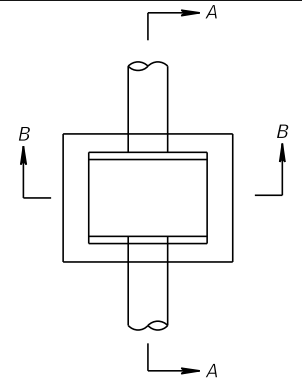
PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
PARKING LOT DRAINAGE DETAIL

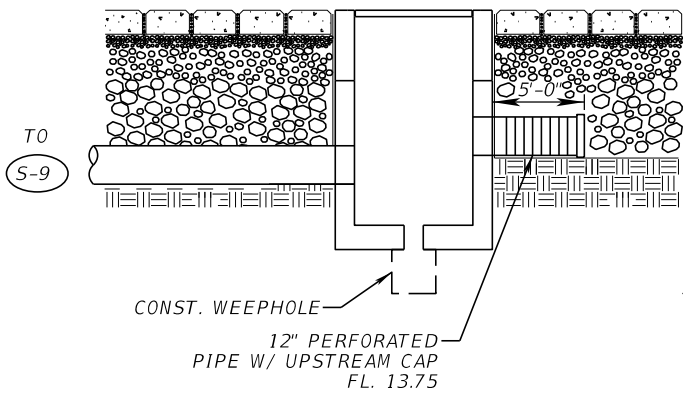
PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.

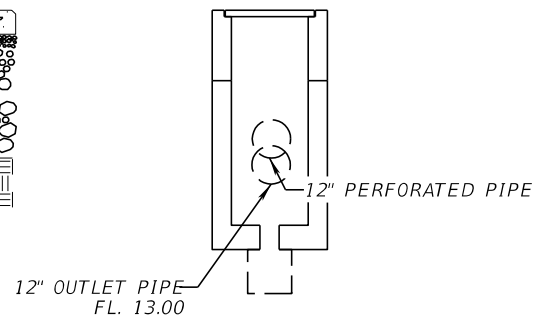
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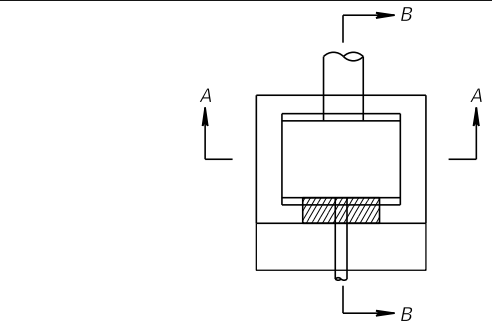
(S-8)
 STA 18+94.00 (216.00' LT)
 CONST. DBI TYPE C
 INDEX NO. 425-001, 425-052
 GRATE EL. 15.50
 BOT. EL. 12.00



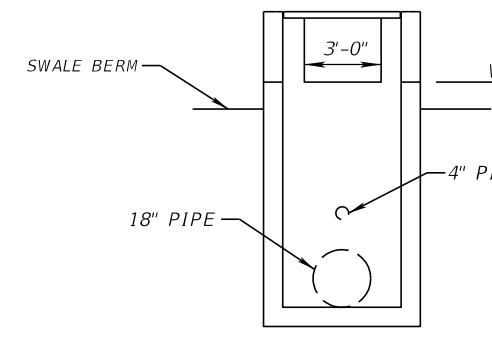
SECTION A-A



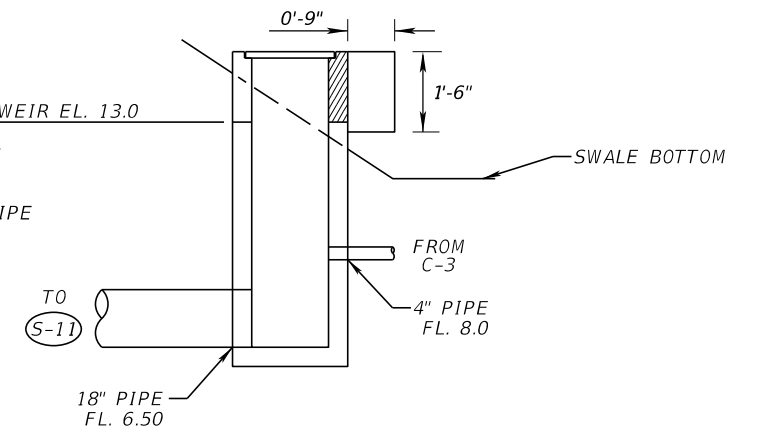
SECTION B-B



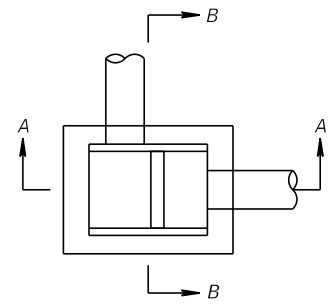
(S-10)
 STA 20+89.50 (99.00' LT)
 DBI TYPE C MODIFIED
 INDEX NO. 425-052, 425-070
 GRATE EL. 13.75



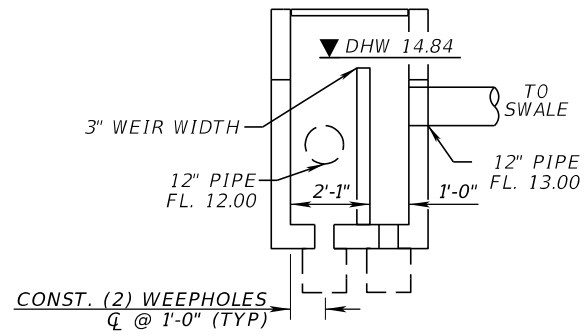
SECTION A-A



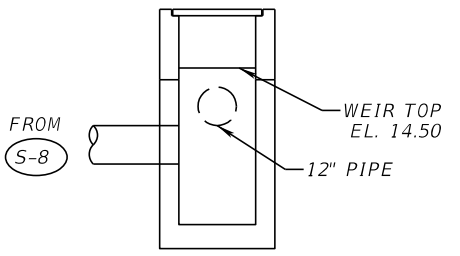
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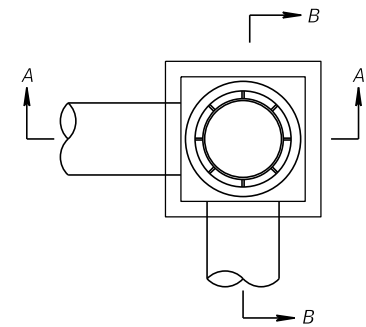
(S-9)
 STA 18+95.00 (124.50' LT)
 CONST. DBI TYPE C (MOD.)
 INDEX NO. 425-001, 425-052
 GRATE ELEV. 15.50
 BOT. EL. 11.00



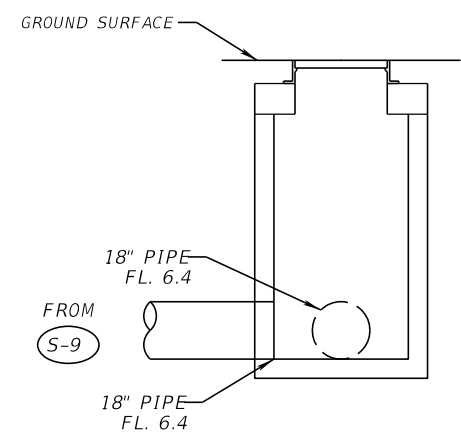
SECTION A-A



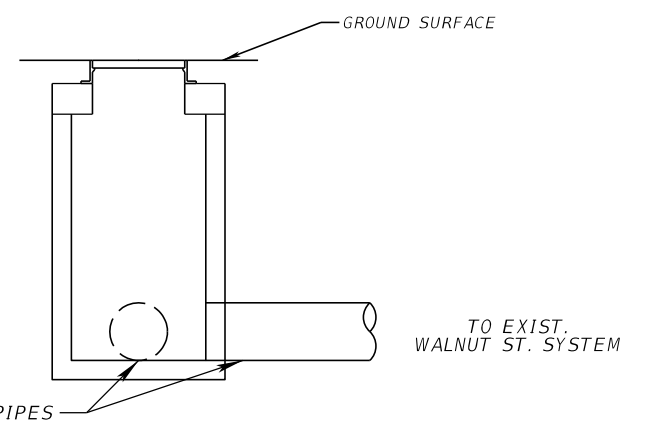
SECTION B-B



(S-11)
 STA 21+12.75 (99.00' LT)
 CONST. MH TYPE P-7
 INDEX NO. 425-001, 425-010
 RIM EL. 11.50



SECTION A-A



SECTION B-B

STRUCTURE DETAIL
 N.T.S

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

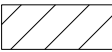


KEVIN M. CANN
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 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



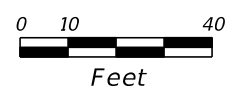
PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

SHEET TITLE: PARKING LOT DRAINAGE DETAIL	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 95
	41

LEGEND

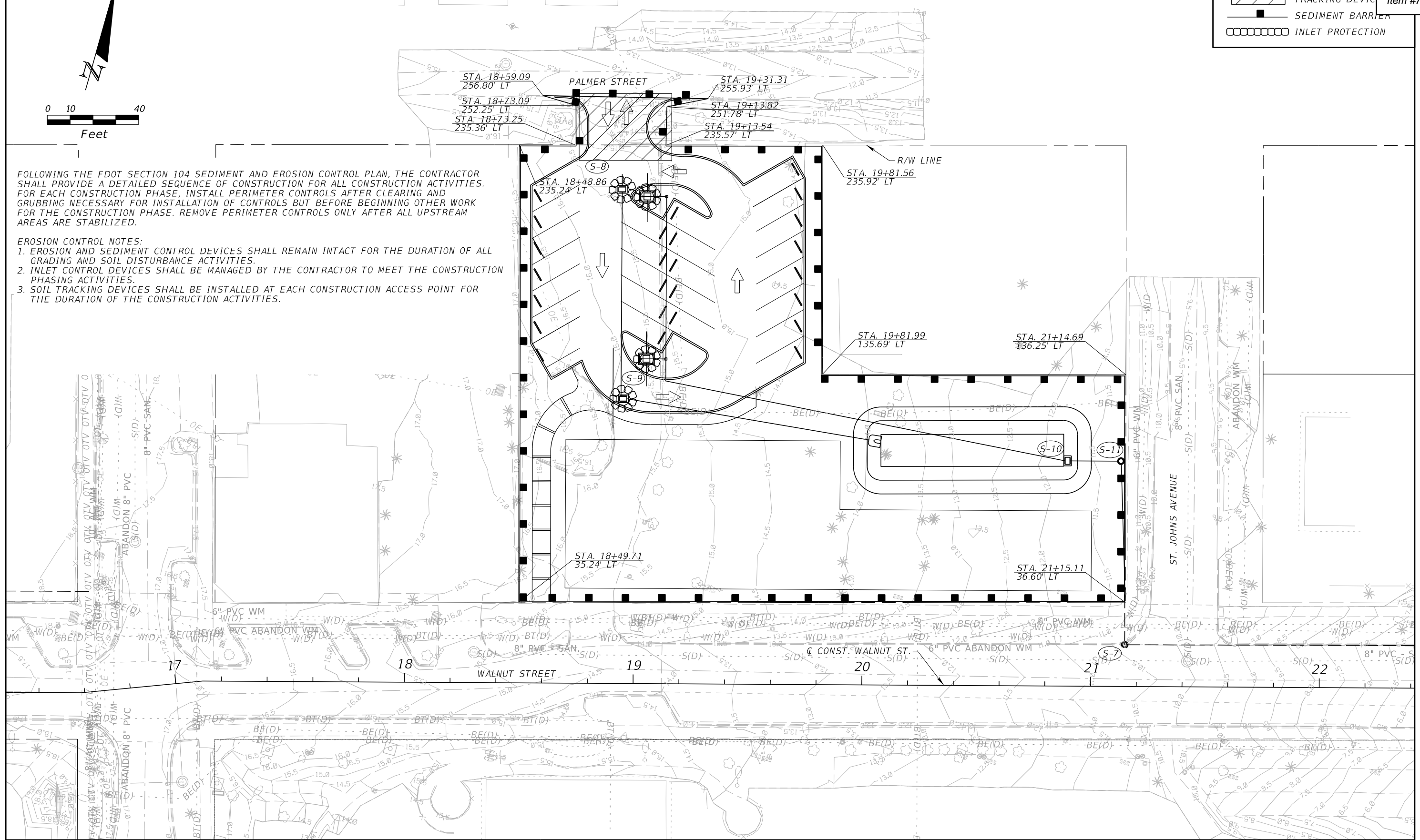
-  OFF-SITE SOIL TRACKING DEVICE
-  SEDIMENT BARRIER
-  INLET PROTECTION

Item #7.



FOLLOWING THE FDOT SECTION 104 SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

- EROSION CONTROL NOTES:**
1. EROSION AND SEDIMENT CONTROL DEVICES SHALL REMAIN INTACT FOR THE DURATION OF ALL GRADING AND SOIL DISTURBANCE ACTIVITIES.
 2. INLET CONTROL DEVICES SHALL BE MANAGED BY THE CONTRACTOR TO MEET THE CONSTRUCTION PHASING ACTIVITIES.
 3. SOIL TRACKING DEVICES SHALL BE INSTALLED AT EACH CONSTRUCTION ACCESS POINT FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

KEVIN M. CANN
 P.E. NO. 77549
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003

PREPARED FOR

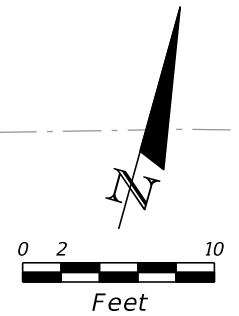
CITY OF GREEN COVE SPRINGS



SHEET TITLE: **PARKING LOT EROSION CONTROL PLAN**

PROJECT NAME: **WALNUT STREET IMPROVEMENTS**

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PALMER ST.

+00.00
ELEV. 13.54

STA. 100+00.00
27.71' LT, ELEV. 14.17

STA. 100+00.00
22.71' LT, ELEV. 14.31

STA. 100+09.89
12.72' LT, ELEV. 14.74

STA. 100+20.30
12.55' LT, ELEV. 15.02

STA. 100+26.67
16.10' LT, ELEV. 15.23

EXIST. R/W

STA. 100+00.00
31.33' RT, ELEV. 12.97

STA. 100+00.00
26.33' RT, ELEV. 13.19

STA. 100+03.57
16.63' RT, ELEV. 13.64

STA. 100+23.69
19.70' RT, ELEV. 14.70

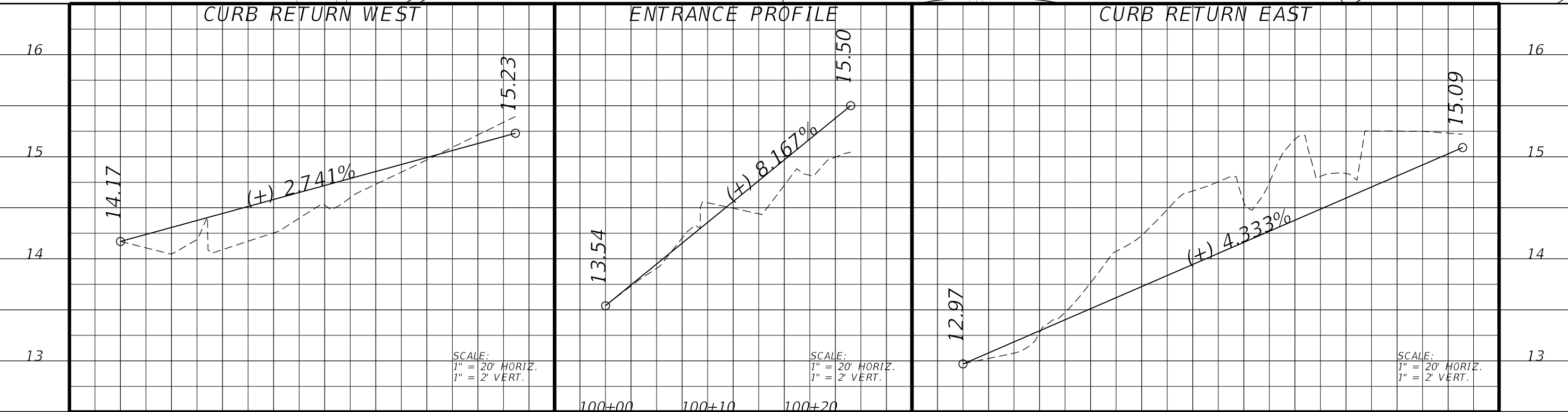
STA. 100+25.31
28.49' RT, ELEV. 15.09

+24.00
ELEV. 15.50

CURB RETURN WEST

ENTRANCE PROFILE

CURB RETURN EAST



SCALE:
1" = 20' HORIZ.
1" = 2' VERT.

SCALE:
1" = 20' HORIZ.
1" = 2' VERT.

SCALE:
1" = 20' HORIZ.
1" = 2' VERT.

100+00 100+10 100+20

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JOHN D. WESTCOTT
P.E. NO. 88357
WGI, INC.
4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
FLEMING ISLAND, FL 32003

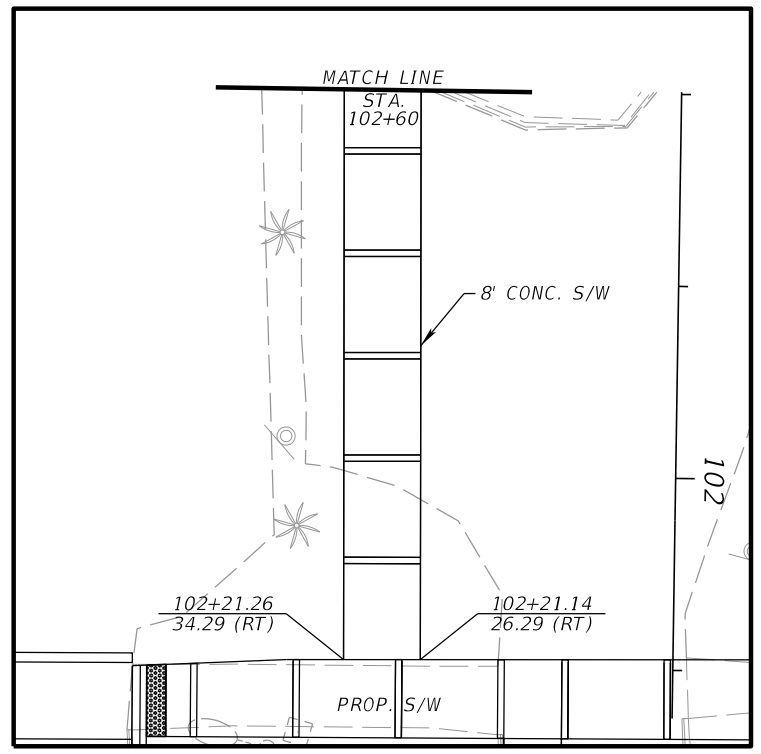
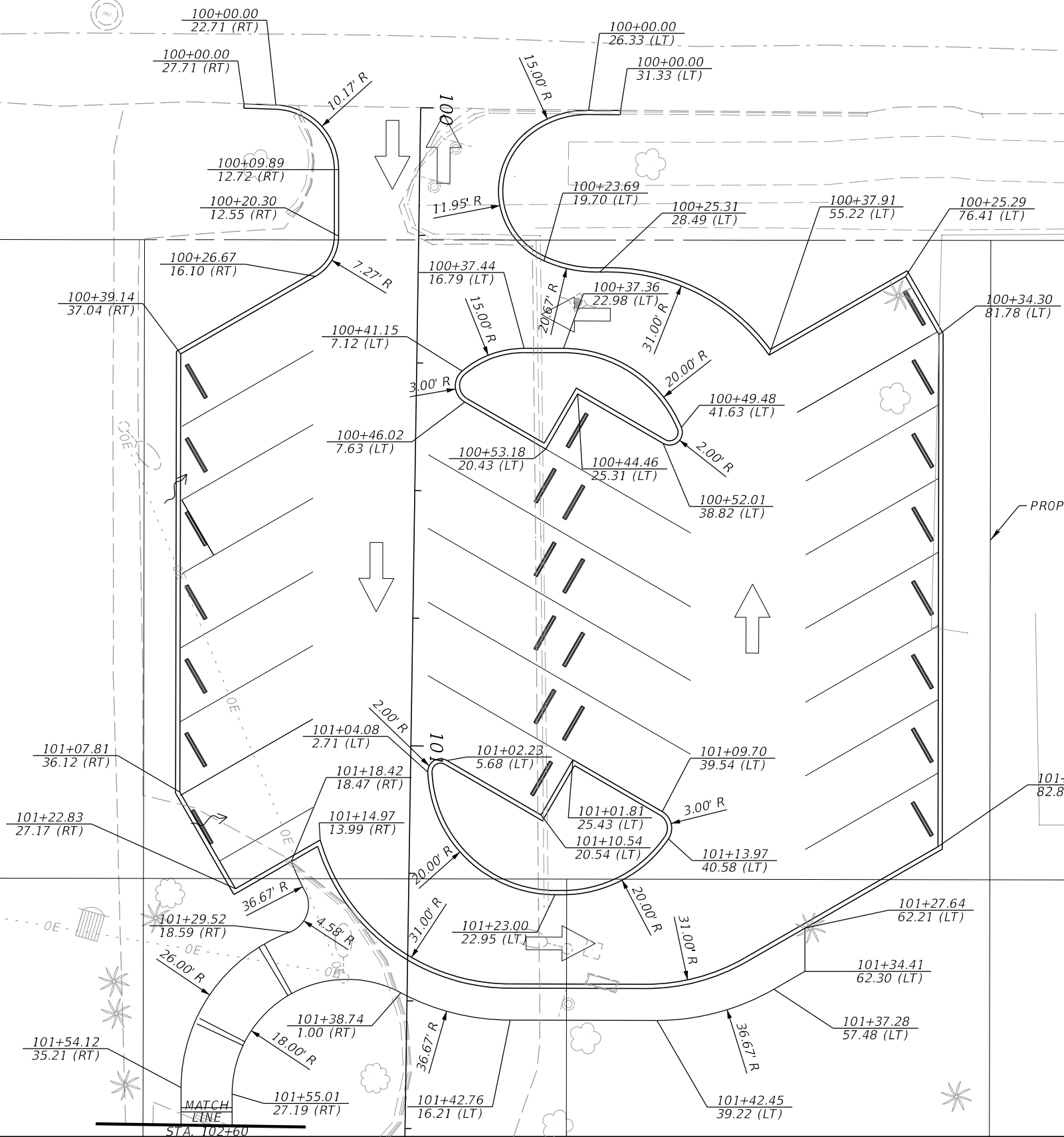
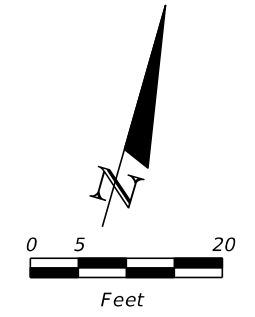


PREPARED FOR
**CITY OF
GREEN COVE SPRINGS**

SHEET TITLE:
PARKING LOT DRIVEWAY DETAIL
PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

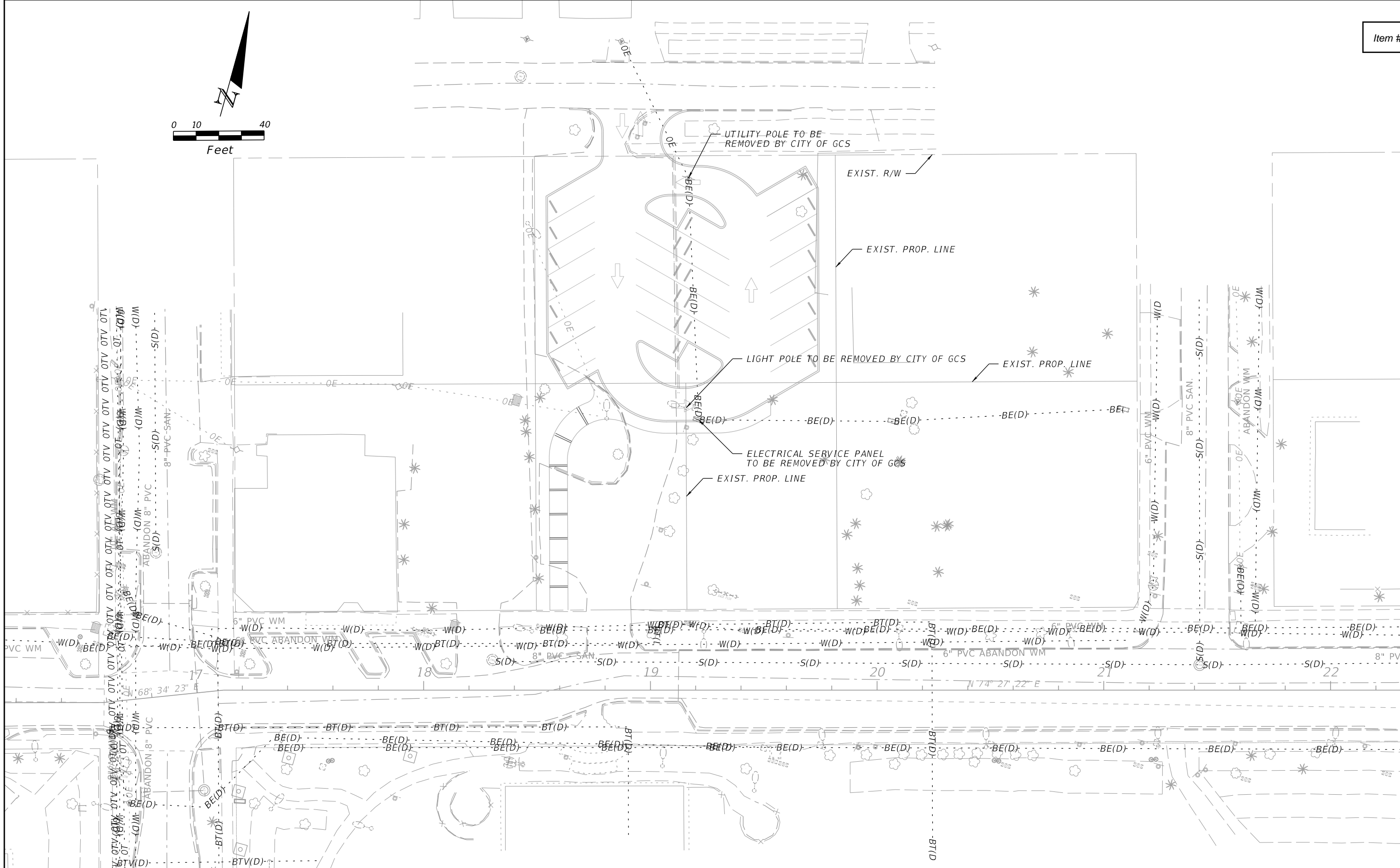
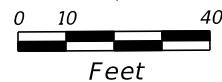
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE: PARKING LOT LAYOUT	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 98

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REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

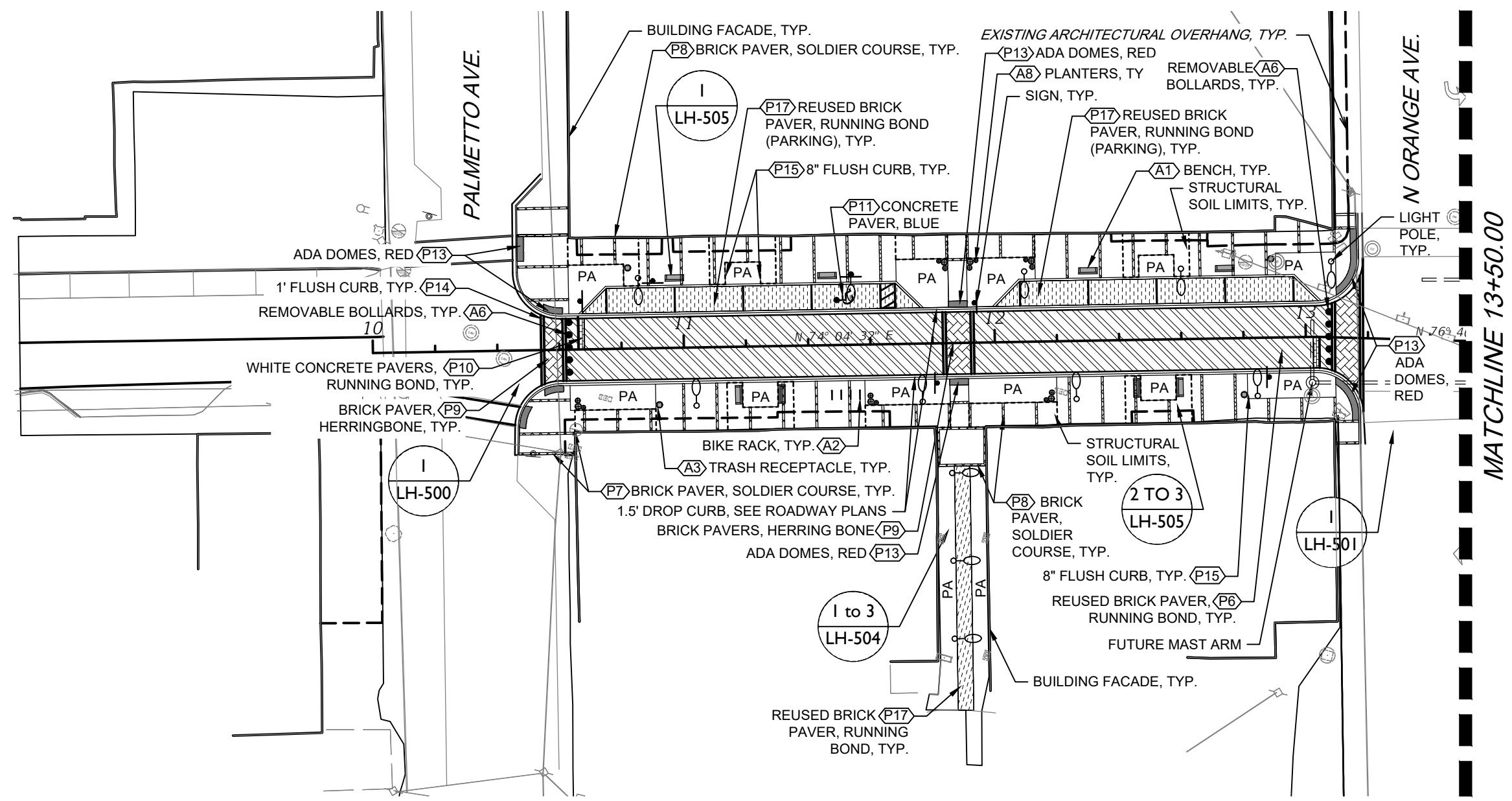
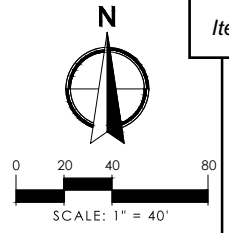
JOHN D. WESTCOTT
 P.E. NO. 88357
 WGI, INC.
 4371 U.S. HIGHWAY 17 SOUTH, SUITE 203
 FLEMING ISLAND, FL 32003



PREPARED FOR
**CITY OF
 GREEN COVE SPRINGS**

SHEET TITLE: PARKING LOT UTILITY ADJUSTMENT PLAN	REF. DWG. NO.
PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 99

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- NOTES:**
1. SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
 2. REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
 3. SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.

MATERIALS LEGEND

	LIGHT POLE		P9 BRICK PAVER, HERRINGBONE		P6 REUSED BRICK PAVER, RUNNING BOND (ROADWAY)
	A1 BENCH		P3 STAMPED ASPHALT, RUNNING BOND		P5 STAMPED ASPHALT, HERRINGBONE
	A2 BIKE RACK		P8 BRICK PAVER, SOLDIER COURSE		P10 WHITE CONCRETE PAVER, RUNNING BOND
	A3 TRASH RECEPTACLE		P12 ADA DOMES		P4 WHITE STAMPED ASPHALT, RUNNING BOND
	A5 BOLLARDS		P13 ADA DOMES, RED		P17 REUSED BRICK PAVER, RUNNING BOND (PARKING)
	A6 REMOVABLE BOLLARDS				P18 PERMEABLE PAVER, HERRINGBONE
	A8 PLANTERS				

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION


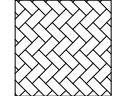
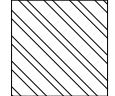

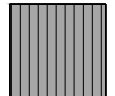
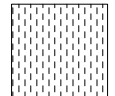

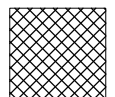
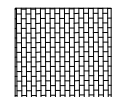


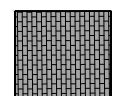




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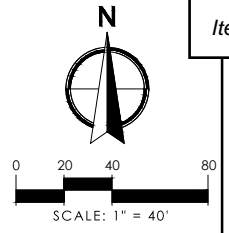
PREPARED FOR	CITY OF GREEN COVE SPRINGS	SHEET TITLE:	HARDSCAPE PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	LH-	Page 100	

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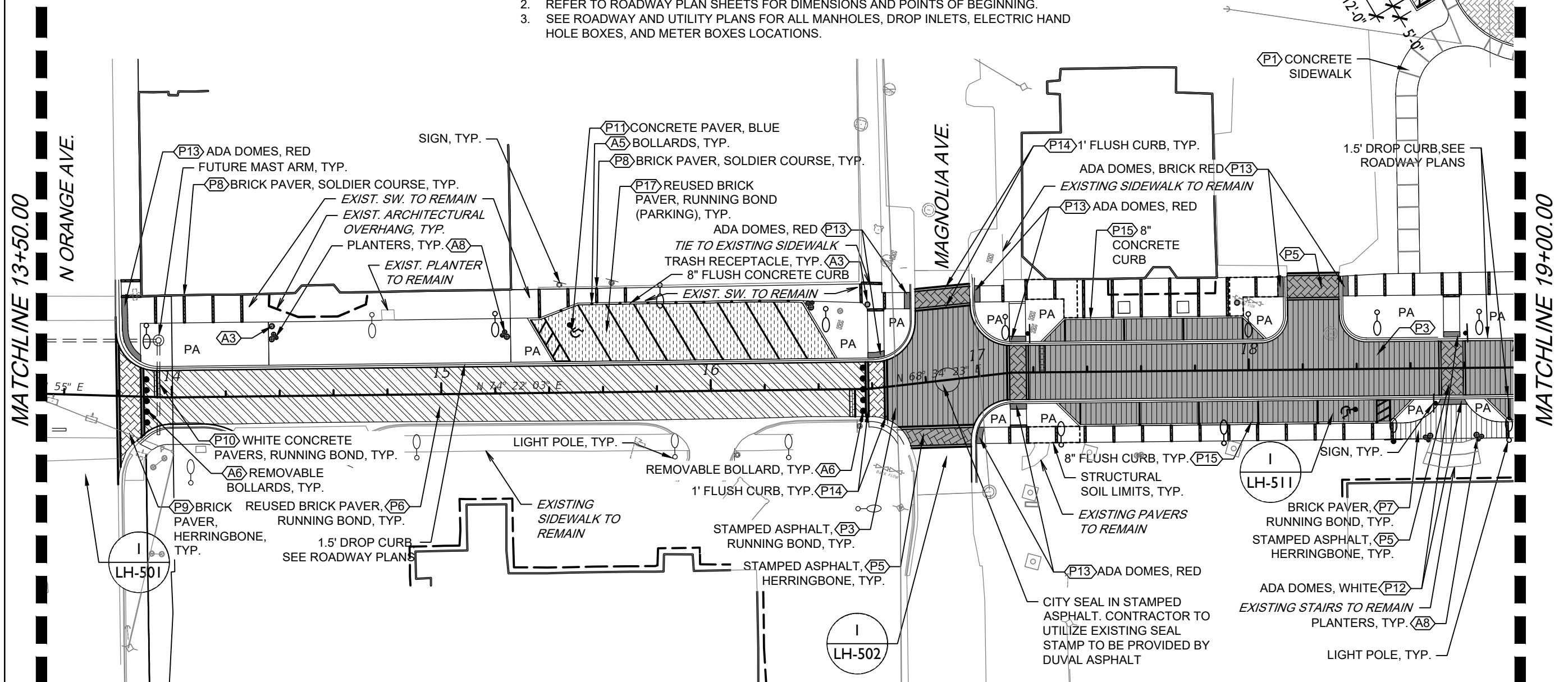
MATERIALS LEGEND

	LIGHT POLE		P9 BRICK PAVER, HERRINGBONE		P6 REUSED BRICK PAVER, RUNNING BOND (ROADWAY)
	A1 BENCH		P3 STAMPED ASPHALT, RUNNING BOND		P17 REUSED BRICK PAVER, RUNNING BOND (PARKING)
	A2 BIKE RACK		P8 BRICK PAVER, SOLDIER COURSE		P10 WHITE CONCRETE PAVER, RUNNING BOND
	A3 TRASH RECEPTACLE		P12 ADA DOMES		P4 WHITE STAMPED ASPHALT, RUNNING BOND
	A5 BOLLARDS		P13		
	A6 REMOVABLE BOLLARDS				
	A8 PLANTERS				

- NOTES:
- SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
 - REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
 - SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.



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PREPARED FOR
CITY OF GREEN COVE SPRINGS



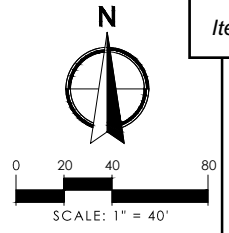
SHEET TITLE:
HARDSCAPE PLANS

PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

SHEET
LH-
Page 101

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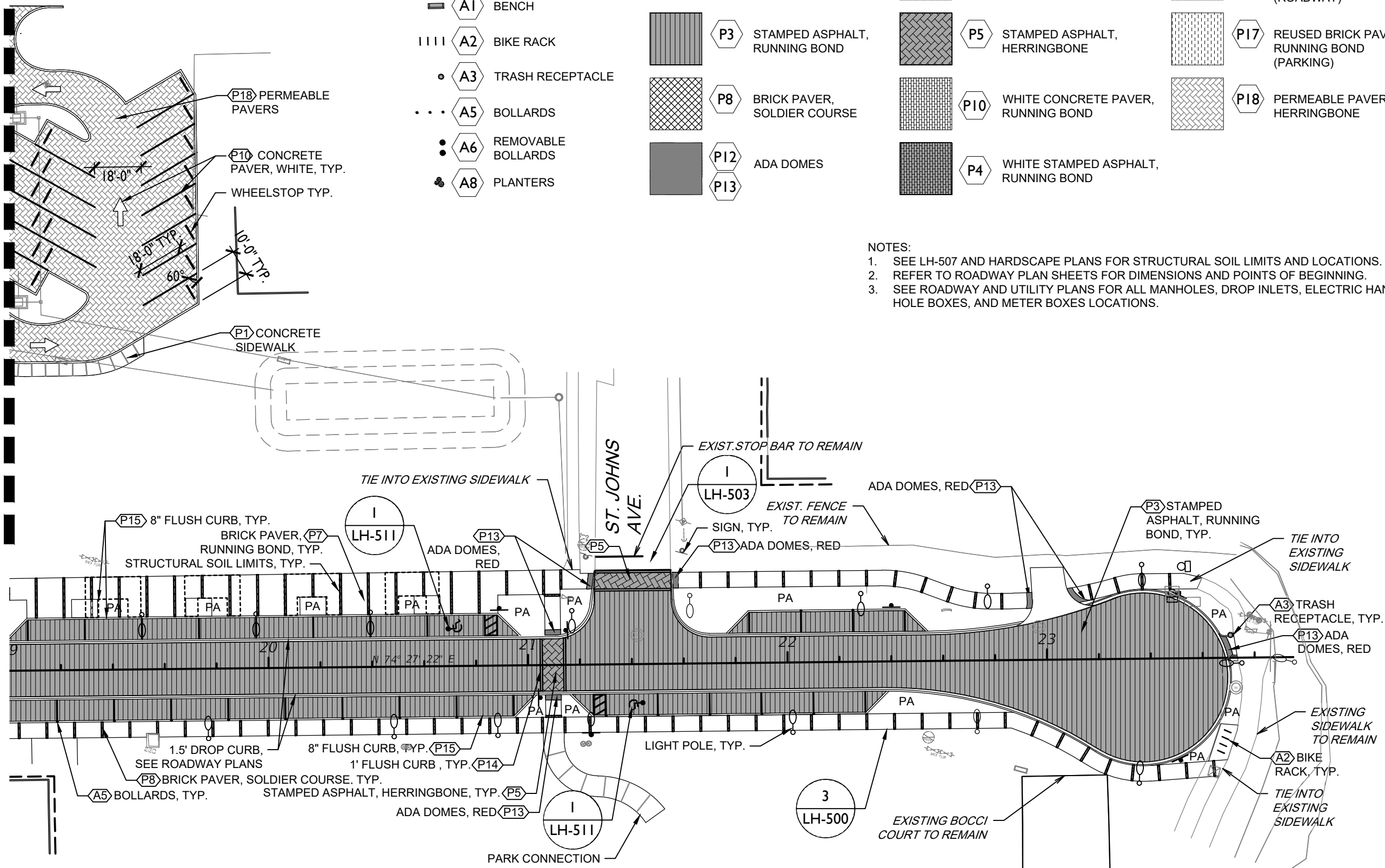


MATERIALS LEGEND

- LIGHT POLE
- A1** BENCH
- A2** BIKE RACK
- A3** TRASH RECEPTACLE
- A5** BOLLARDS
- A6** REMOVABLE BOLLARDS
- A8** PLANTERS
- P3** STAMPED ASPHALT, RUNNING BOND
- P8** BRICK PAVER, SOLDIER COURSE
- P12** ADA DOMES
- P13** ADA DOMES
- P9** BRICK PAVER, HERRINGBONE
- P5** STAMPED ASPHALT, HERRINGBONE
- P10** WHITE CONCRETE PAVER, RUNNING BOND
- P4** WHITE STAMPED ASPHALT, RUNNING BOND
- P6** REUSED BRICK PAVER, RUNNING BOND (ROADWAY)
- P17** REUSED BRICK PAVER, RUNNING BOND (PARKING)
- P18** PERMEABLE PAVER, HERRINGBONE

- NOTES:**
- SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
 - REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
 - SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.

MATCHLINE 19+00.00



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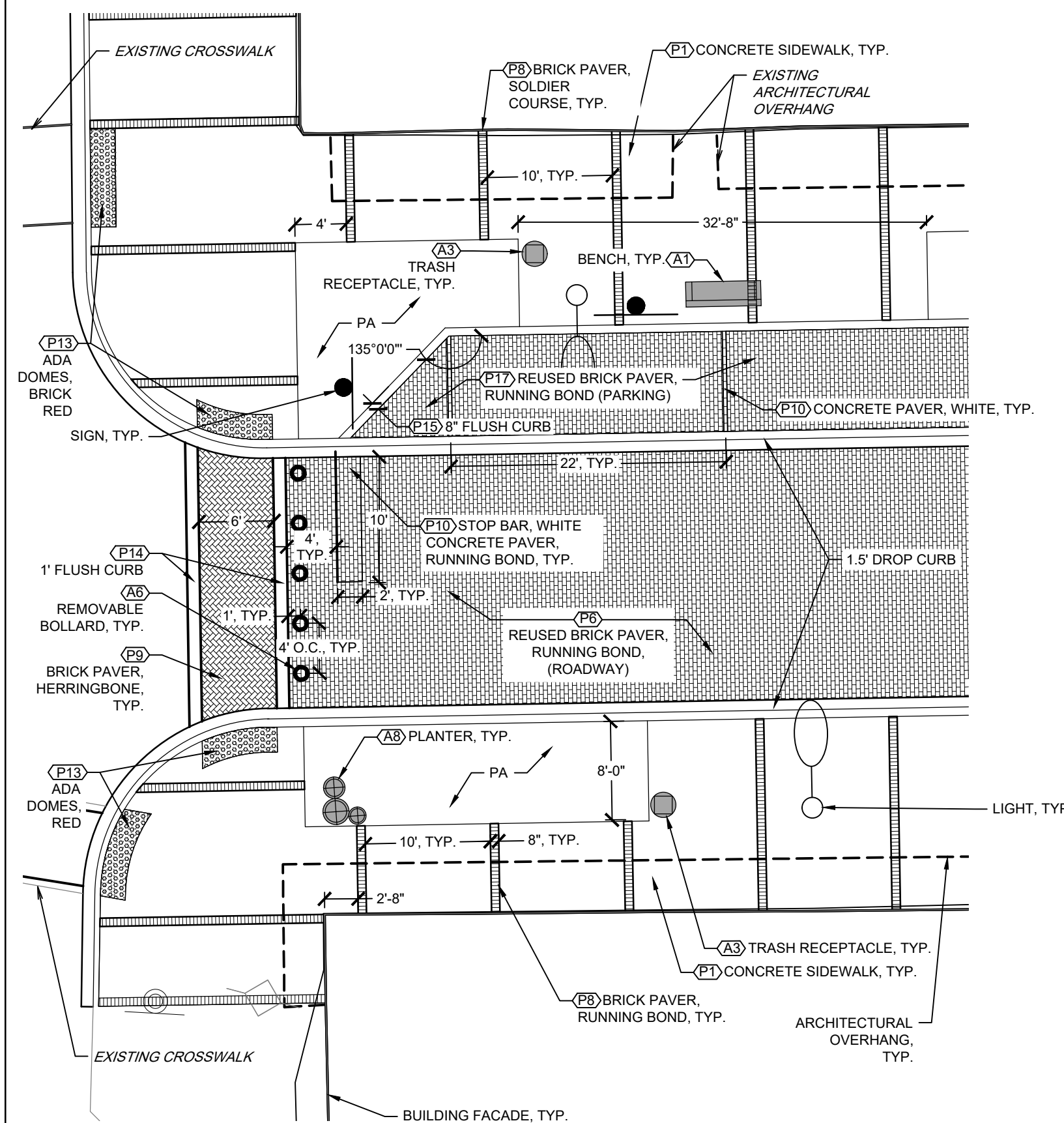
SHEET TITLE:
HARDSCAPE PLANS

PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

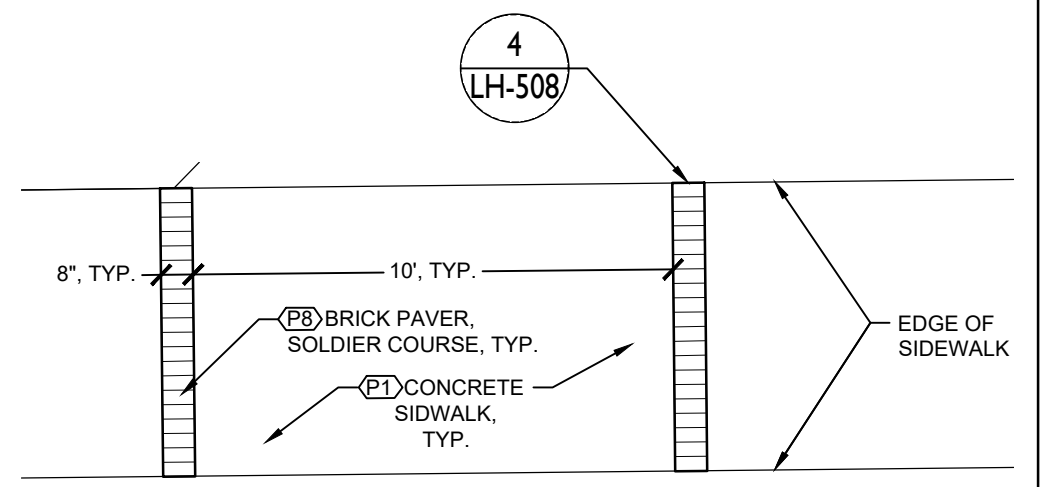
SHEET
LH-
Page 102

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1 WALNUT AND PALMETTO INTERSECTION BLOW UP

SCALE: 1"=10'-0"



2 TYPICAL BRICK PAVER SOLDIER COURSE STRIPS

SCALE: 1/4"=1'-0"

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

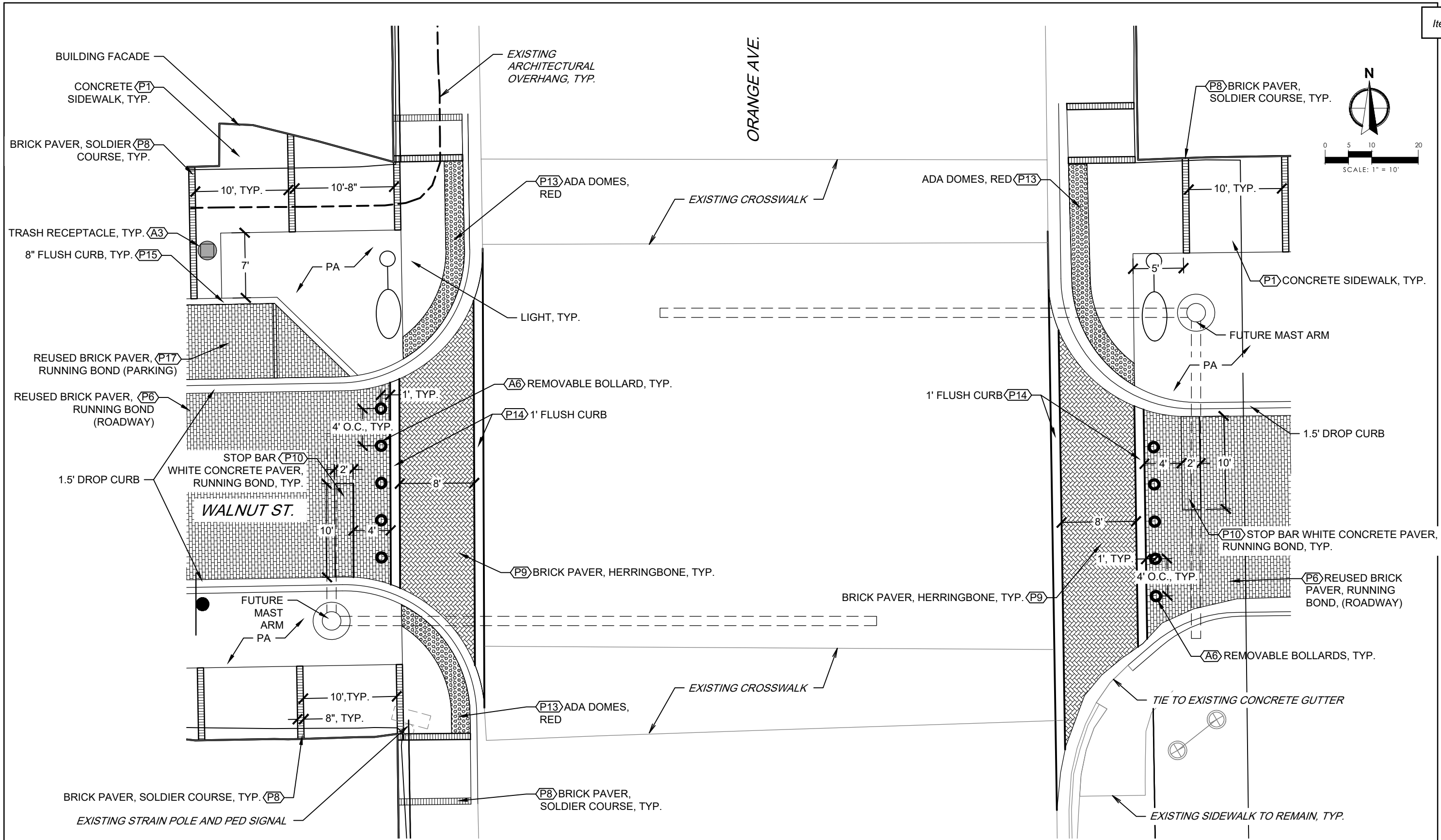
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SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

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1 WALNUT AND ORANGE INTERSECTION BLOW UP

SCALE: 1"=10'-0"

REVISIONS					
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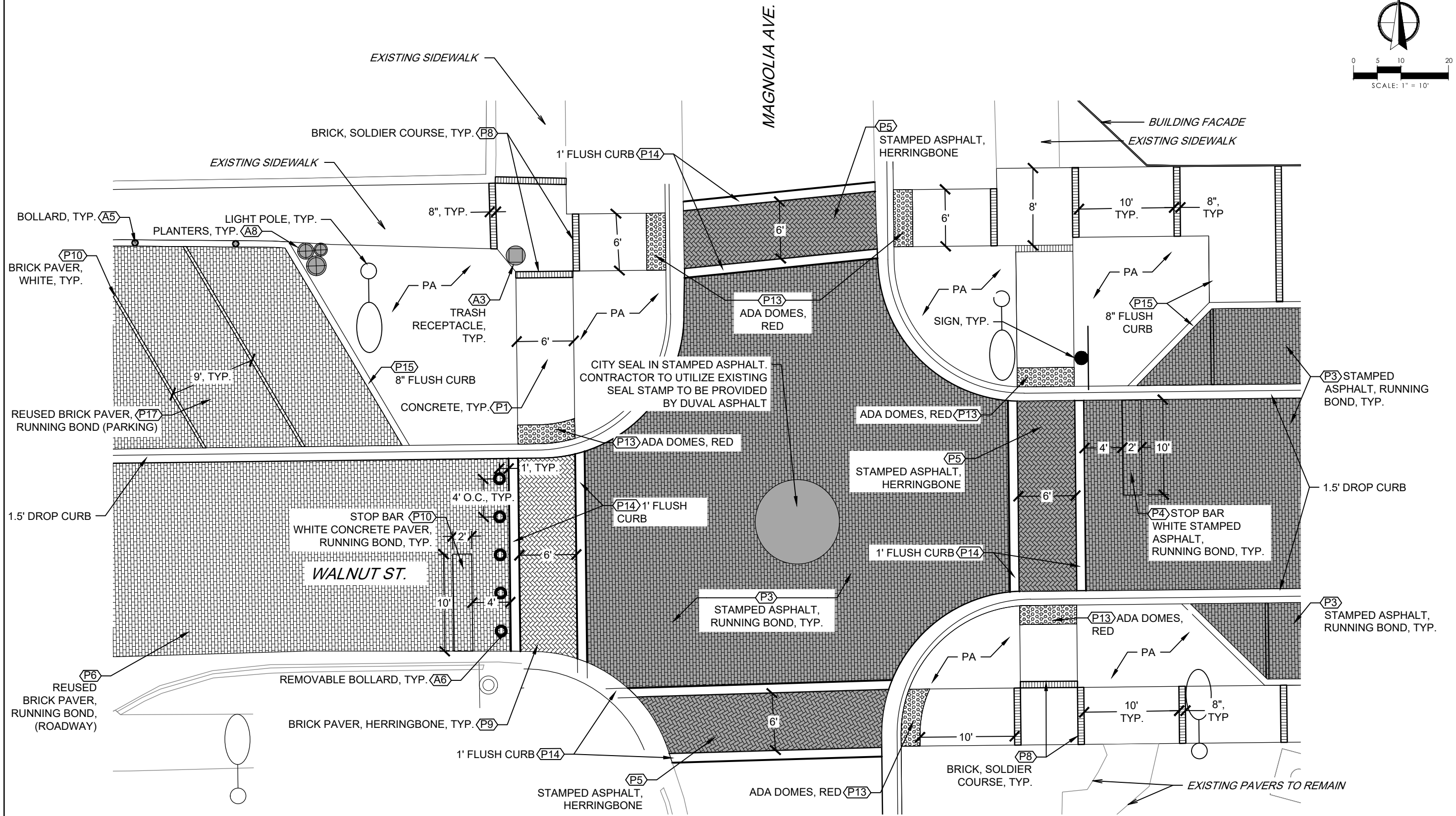
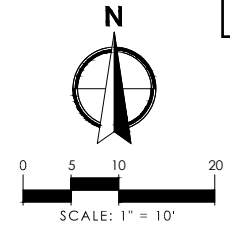
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SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

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1 WALNUT AND MAGNOLIA INTERSECTION BLOW UP

SCALE: 1"=10'-0"

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

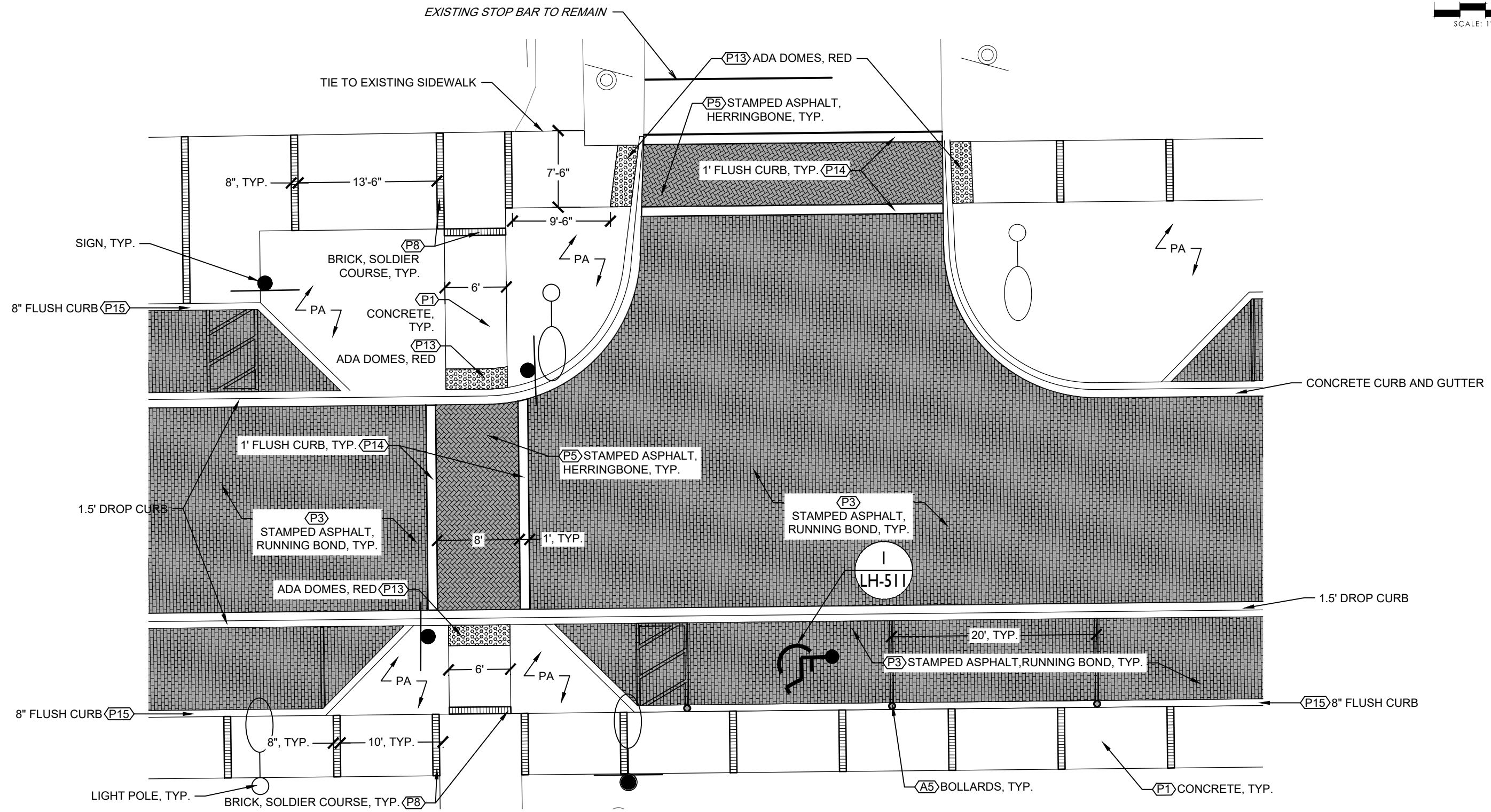
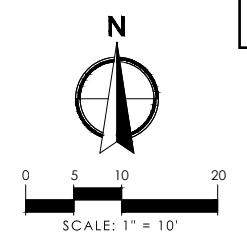
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SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

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1 WALNUT AND ST. JOHN'S INTERSECTION BLOW UP

SCALE: 1"=10'-0"

REVISIONS					
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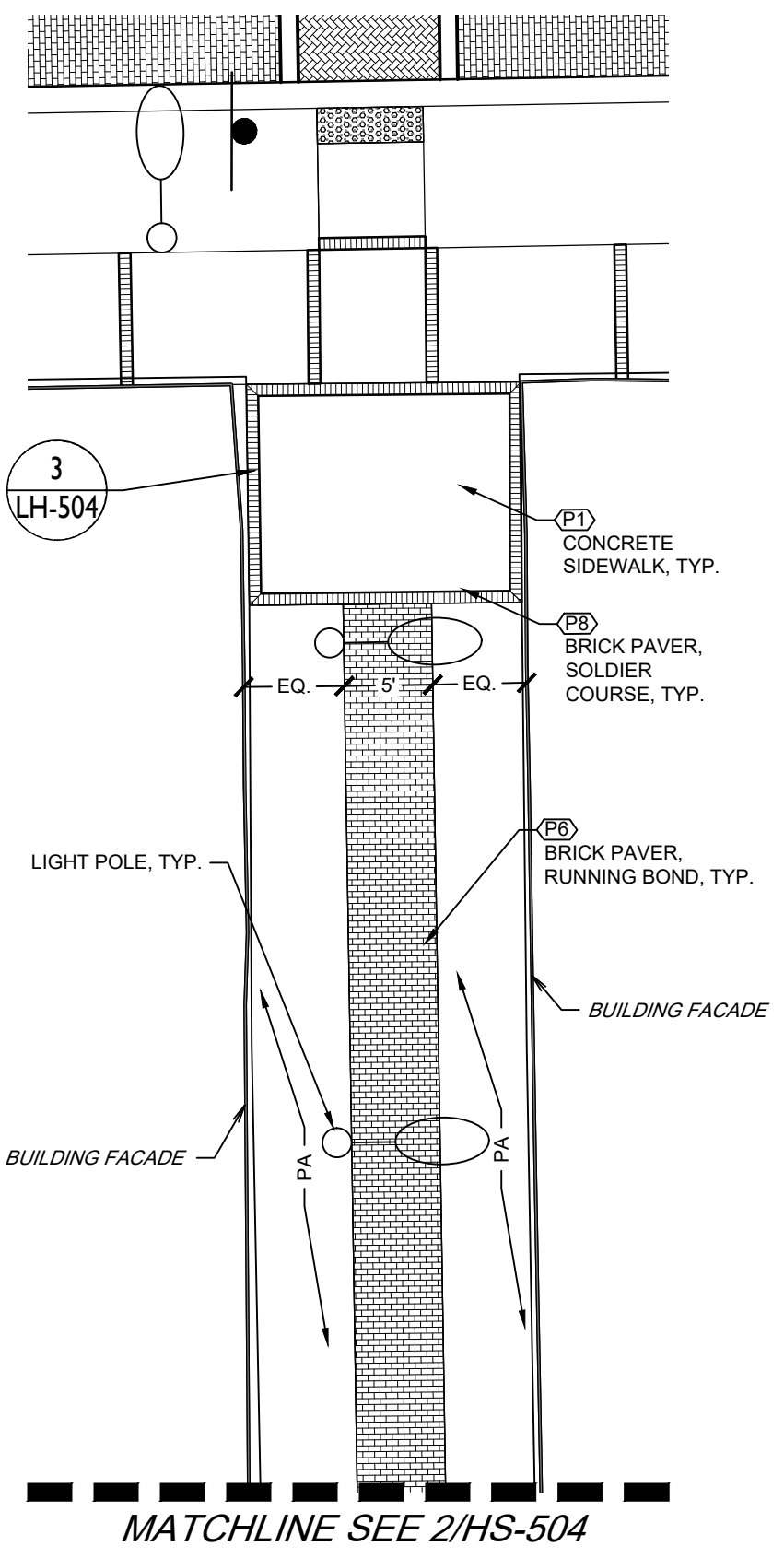
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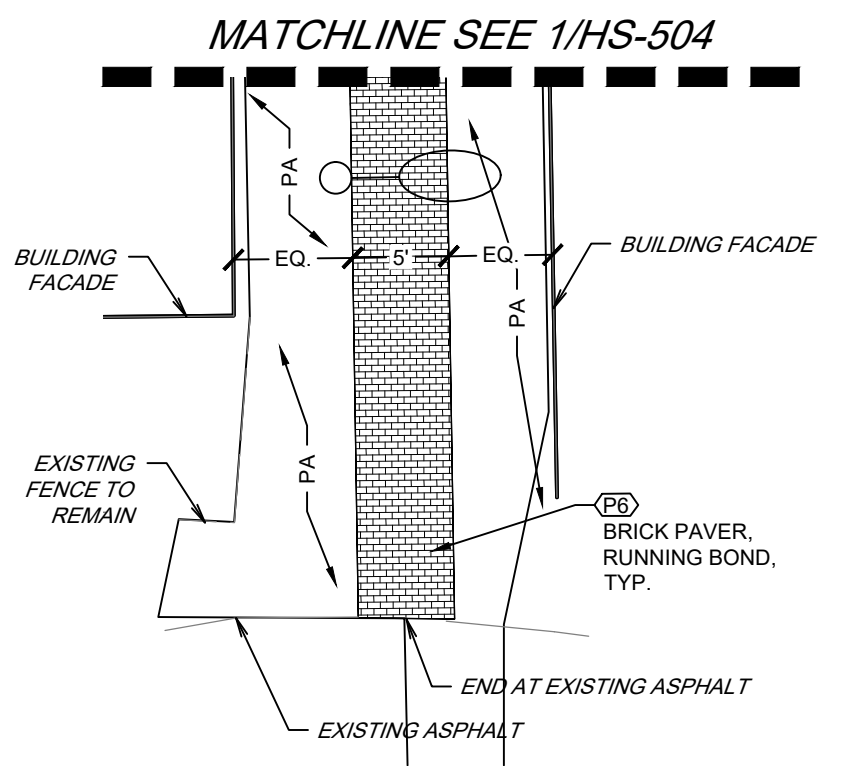
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SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

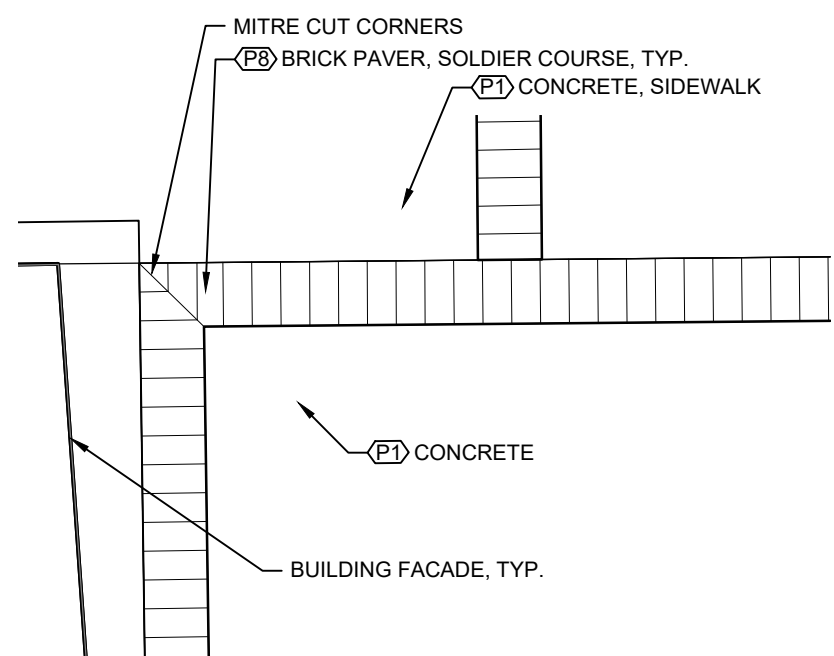
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1 ALLEY BLOW UP PLAN- NORTH
SCALE: 1"=10'-0"

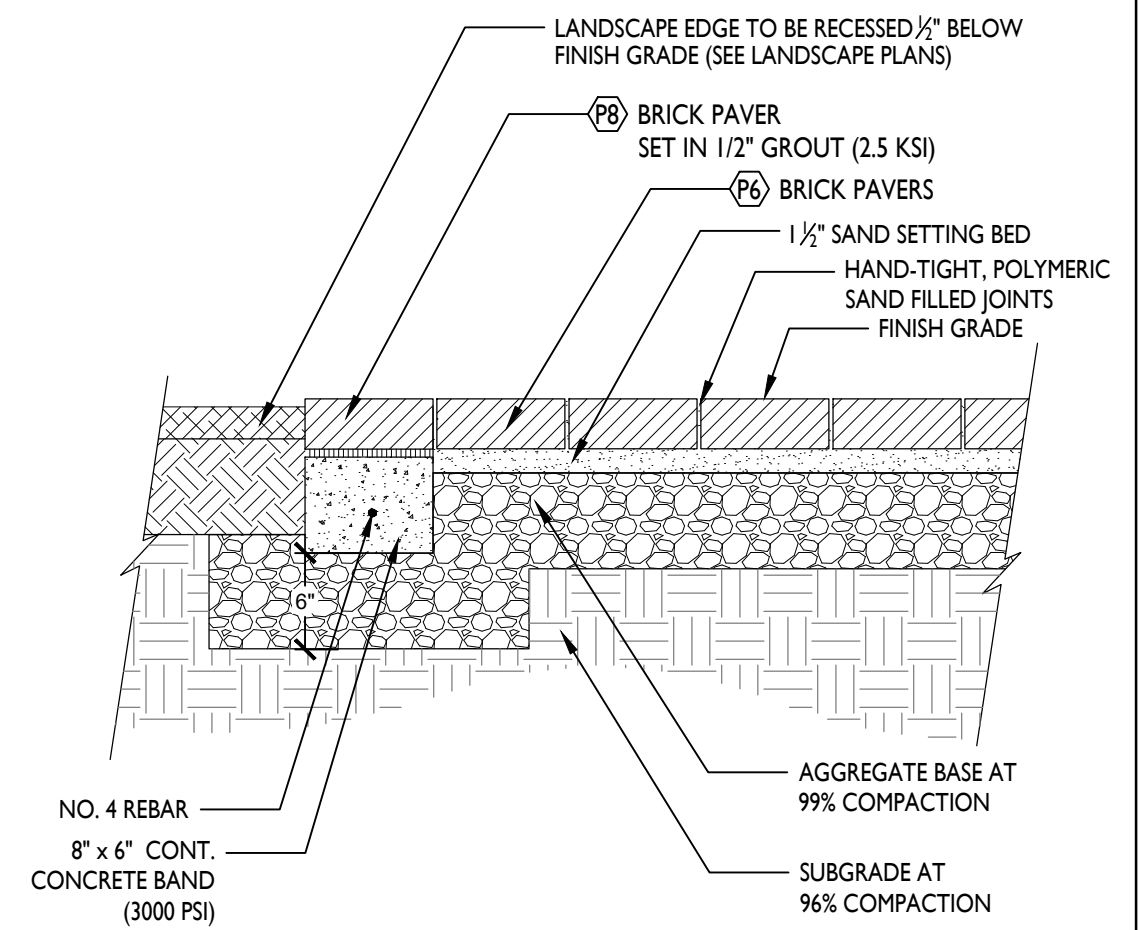


2 ALLEY BLOW UP PLAN- SOUTH
SCALE: 1"=10'-0"



3 TYPICAL CORNER ALLEY PLAZA DETAIL
SCALE: 1/2"=1'-0"

- NOTES:
 1. REBAR SHALL NOT COME WITHIN 3" OF THE EDGE OF CONCRETE.
 2. PLACE 1/2" EXPANSION JOINTS IN THE CONCRETE BAND AT 15' O.C. OR AS REQUIRED



4 PAVERS ADJACENT TO PLANTING AREA TYPICAL DETAIL
SCALE: 1"=1'-0"

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

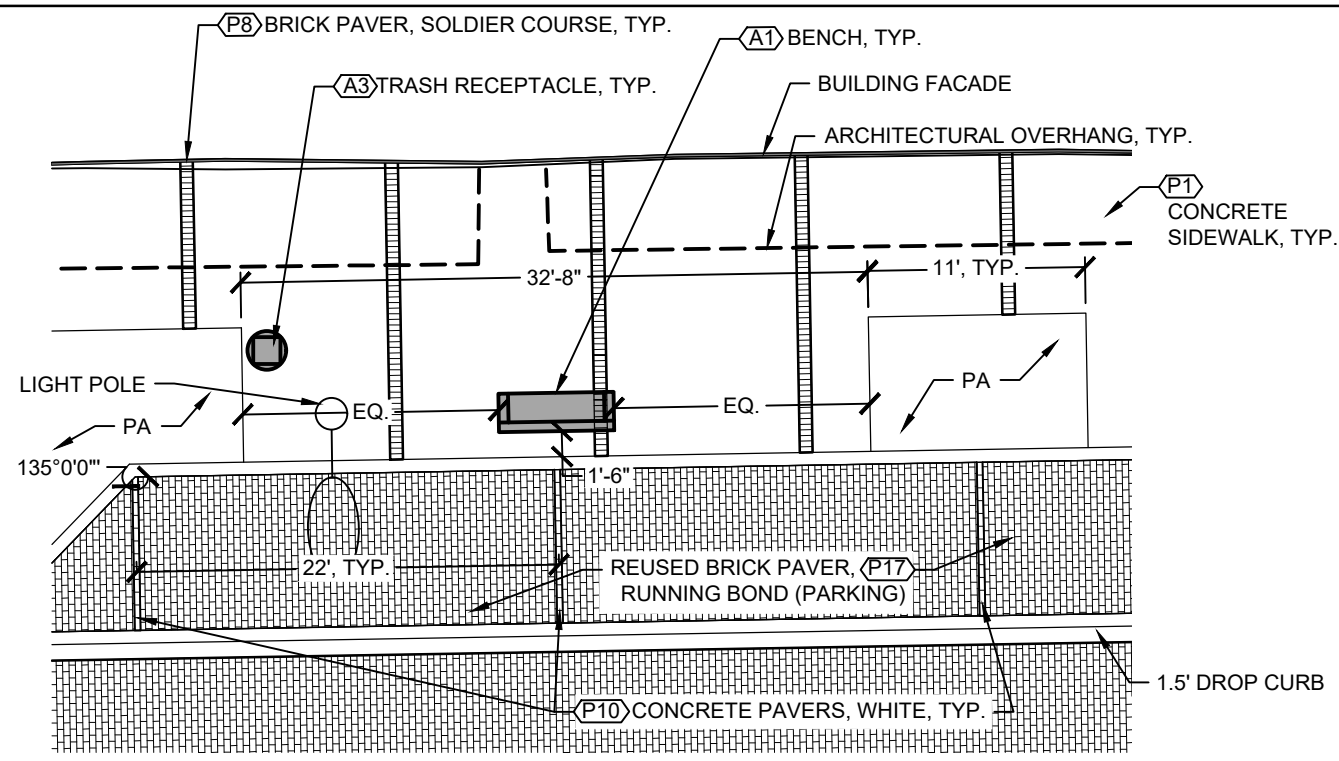
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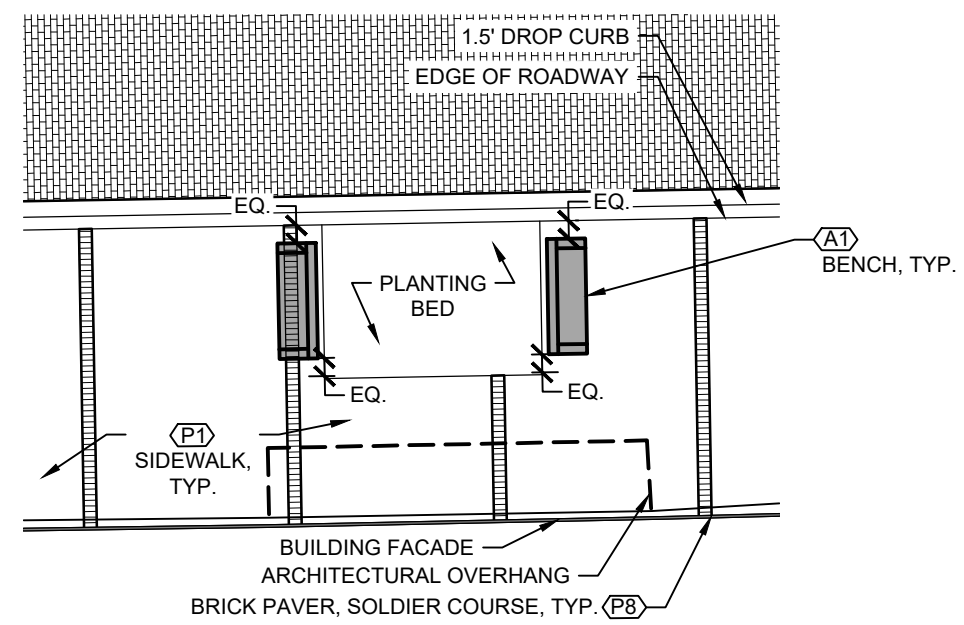
SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

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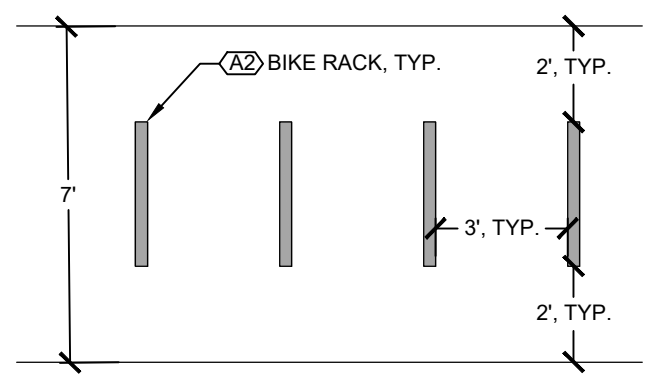
1 NORTH SIDE OF WALNUT AMENITY AREA

SCALE: 1"=10'-0"



2 SOUTH SIDE OF WALNUT AMENITY AREA

SCALE: 1"=10'-0"



3 TYPICAL BIKE RACK SPACING

SCALE: 1/4"=1'-0"

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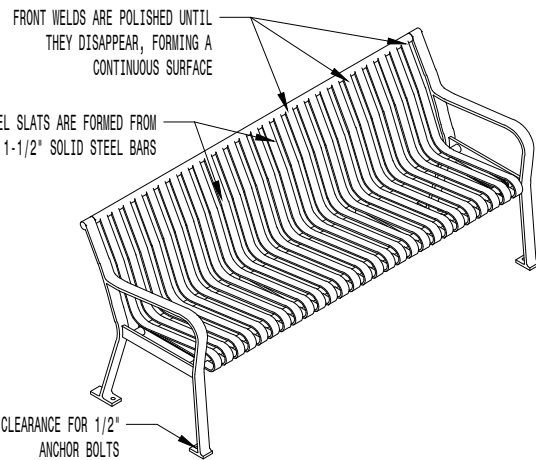
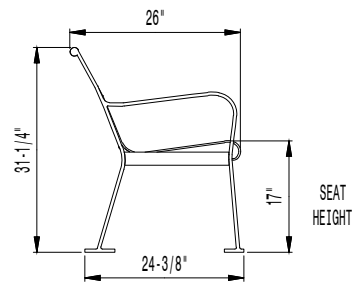
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SHEET TITLE:	HARDSCAPE PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	LH--

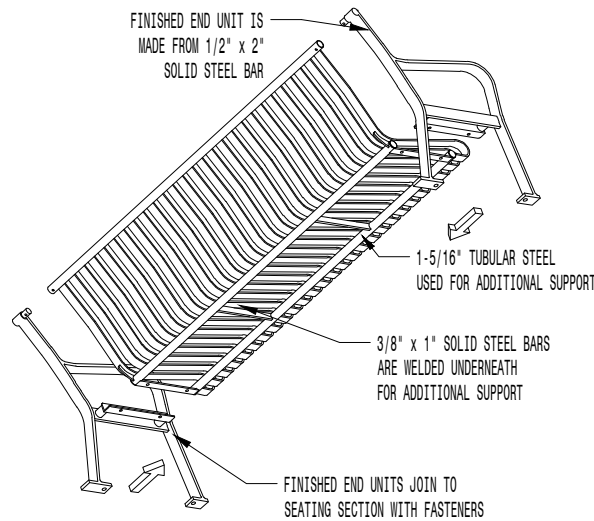
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Create a timeless moment.™

* ALL DIMENSIONS ARE IN INCHES *



NOTE:
1. TO BE SURFACE MOUNTED.



AVAILABLE OPTIONS

- POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE)
- INTERMEDIATE & CENTER ARMRESTS
4', 6', & 8' AVAILABLE WITH OPTIONAL SOLID STEEL ARMRESTS

- LENGTHS
- STANDARD 4'
 - STANDARD 6' (AS SHOWN)
 - STANDARD 8'

- NOTES:
- DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
 - IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BENCH IS IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
 - FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, INC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 860°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE. AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING. CONTACT MANUFACTURER FOR DETAILS.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
 - THIS PRODUCT IS SHIPPED PARITALLY UNASSEMBLED.

ALL STEEL CONTOURED BENCH
SHOWN: STANDARD 6-FOOT LENGTH

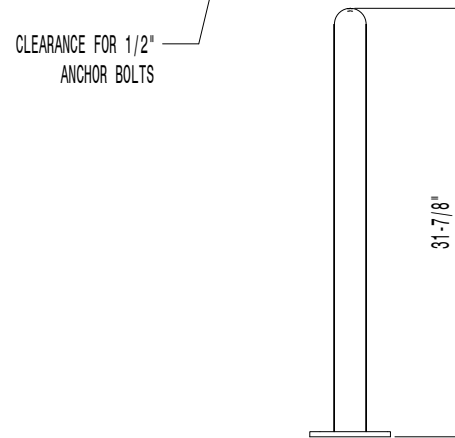
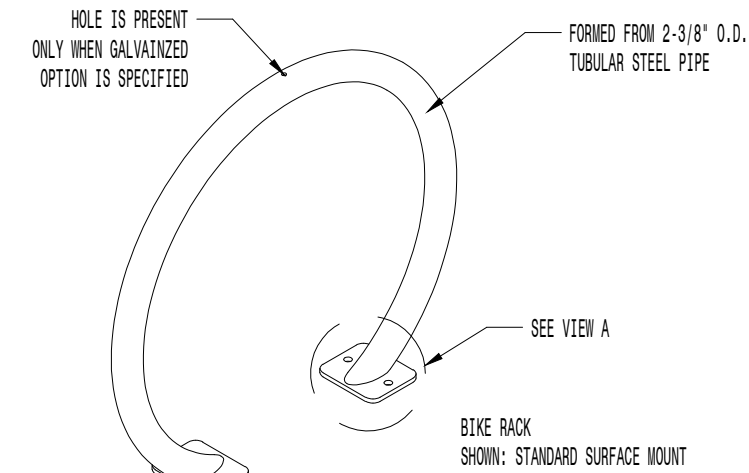
1 BENCH

STEELSITES RB (RB-28)

NOT TO SCALE

Create a timeless moment.™

* ALL DIMENSIONS ARE IN INCHES *



AVAILABLE OPTIONS:

- POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS,
CUSTOM COLORS (INCLUDING THE RAL RANGE)

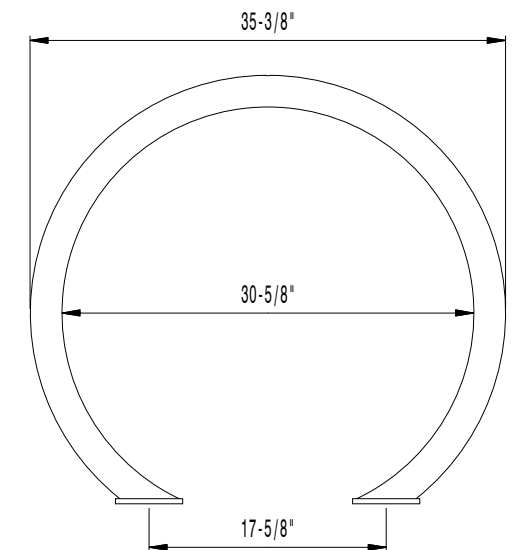
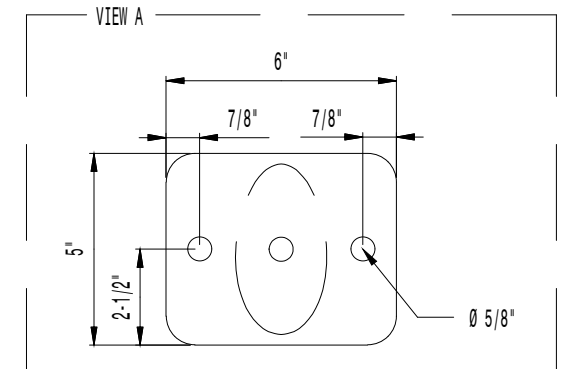
NOTES:

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- IT IS NOT RECOMMENDED TO LOCATE ANCHOR BOLTS UNTIL BIKE RACK IS IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
- ANCHOR BOLTS NOT PROVIDED BY VICTOR STANLEY, INC.
- FOR HIGH SALT ABUSIVE CLIMATES, HOT-DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. HOT-DIP GALVANIZING IS PERFORMED FOR VICTOR STANLEY, INC. BY AN EXPERIENCED QUALIFIED FIRM TO WHICH PRODUCTS ARE SHIPPED FOR GALVANIZING. HOT-DIP GALVANIZING INCLUDES AN AGGRESSIVE PRE-TREATMENT AND IMMERSION IN A TANK OF CHARGED LIQUID ZINC AT OR AROUND 860°F (460°C). THE RESULTING SURFACE IS RESISTANT TO RUST BUT HAS SOME UNEVENNESS RESULTING FROM THE BONDING OF THE ZINC TO THE STEEL SURFACE. AS A RESULT, THE POWDER-COATING SURFACE FINISH OVER THAT GALVANIZED SURFACE MAY EXHIBIT BUMPS, UNEVENNESS, AND MAY NOT BE AS SMOOTH AS THE STANDARD FINISH; THIS UNEVEN AND INCONSISTENT FINISH IS NORMAL FOR GALVANIZING. CONTACT MANUFACTURER FOR DETAILS.
- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
- THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

2 BIKE RACK

CYCLE SENTRY (BRHS-101)

NOT TO SCALE



MOUNTING

STANDARD IN-GROUND AND SURFACE (AS SHOWN)

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

Item #7.

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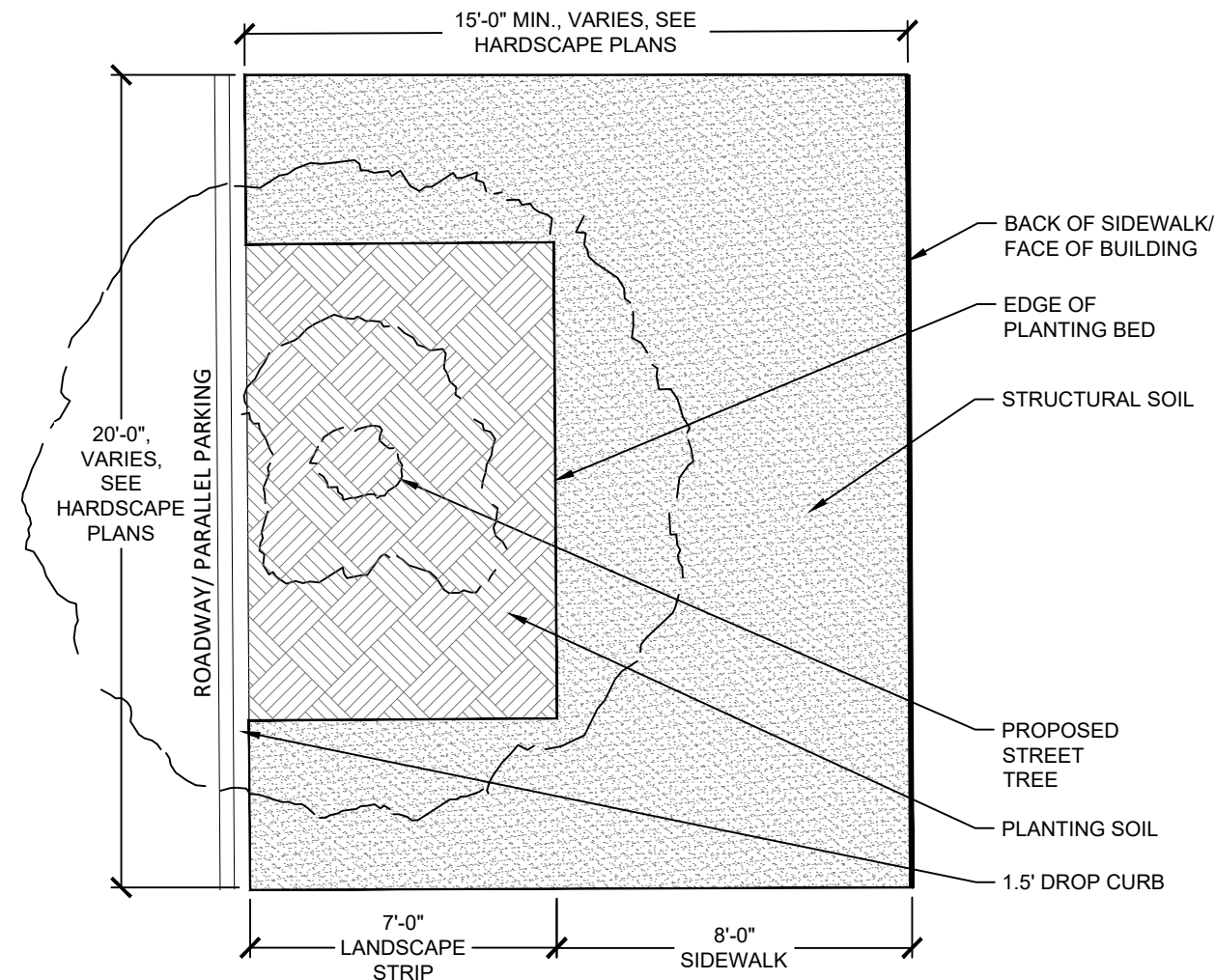
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L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411



PREPARED FOR
CITY OF
GREEN COVE SPRINGS

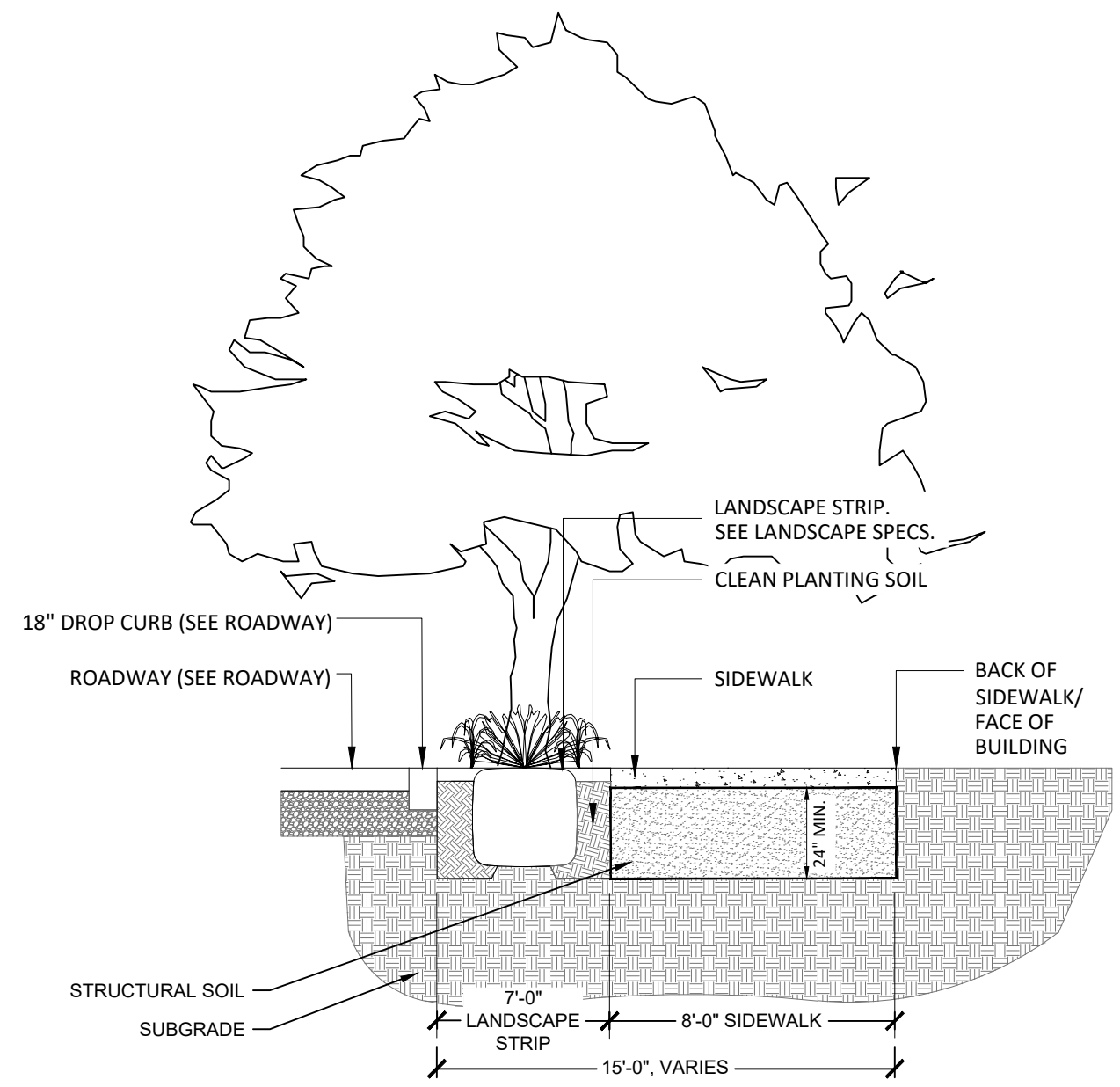
SHEET TITLE: HARDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LH--

NOTES:
 1. STRUCTURAL SOIL LAYOUT VARIES PER TREE AND SITE CONDITIONS. SEE HARDSCAPE PLANS FOR LOCATIONS AND LIMITS.



1 STRUCTURAL SOIL PLAN

NOT TO SCALE



2 STRUCTURAL SOIL SECTION

NOT TO SCALE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

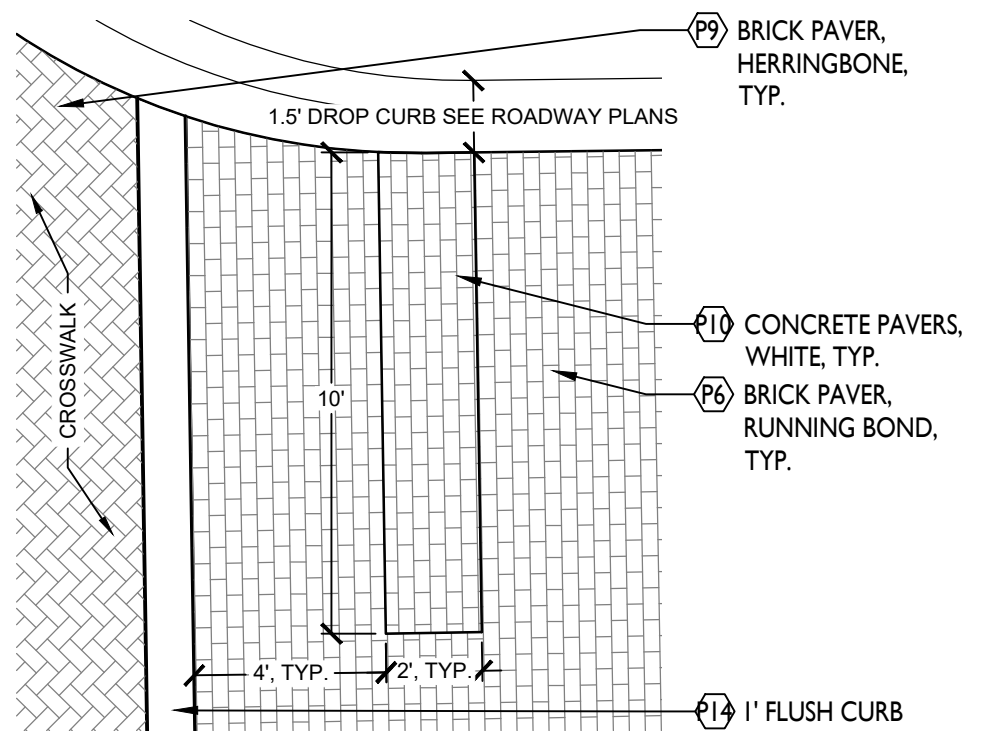
ANGELA BIAGI
 L.A. NO. 6666787
 WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411



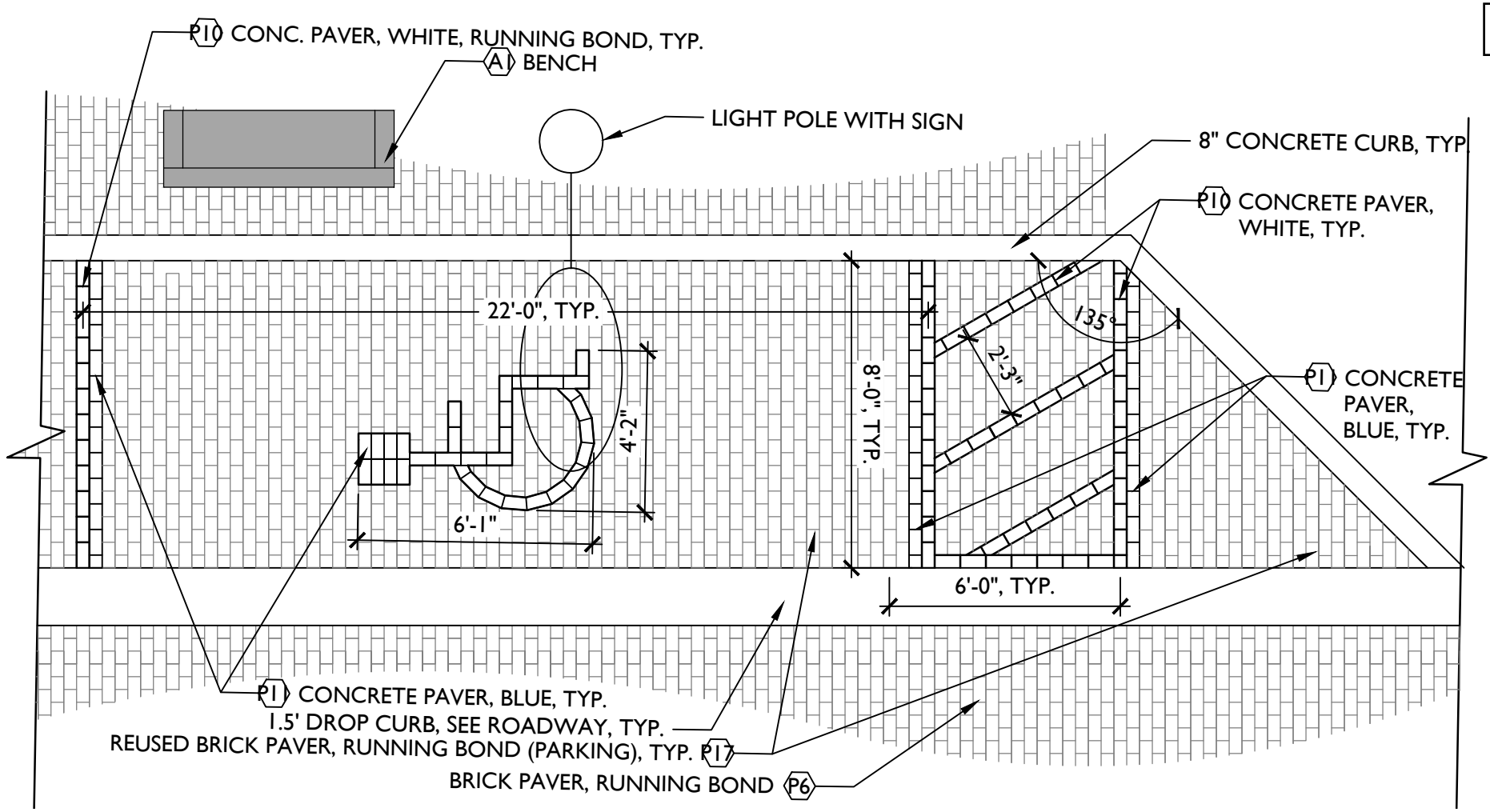
PREPARED FOR
 CITY OF
 GREEN COVE SPRINGS

SHEET TITLE:	HARDSCAPE PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	LH--

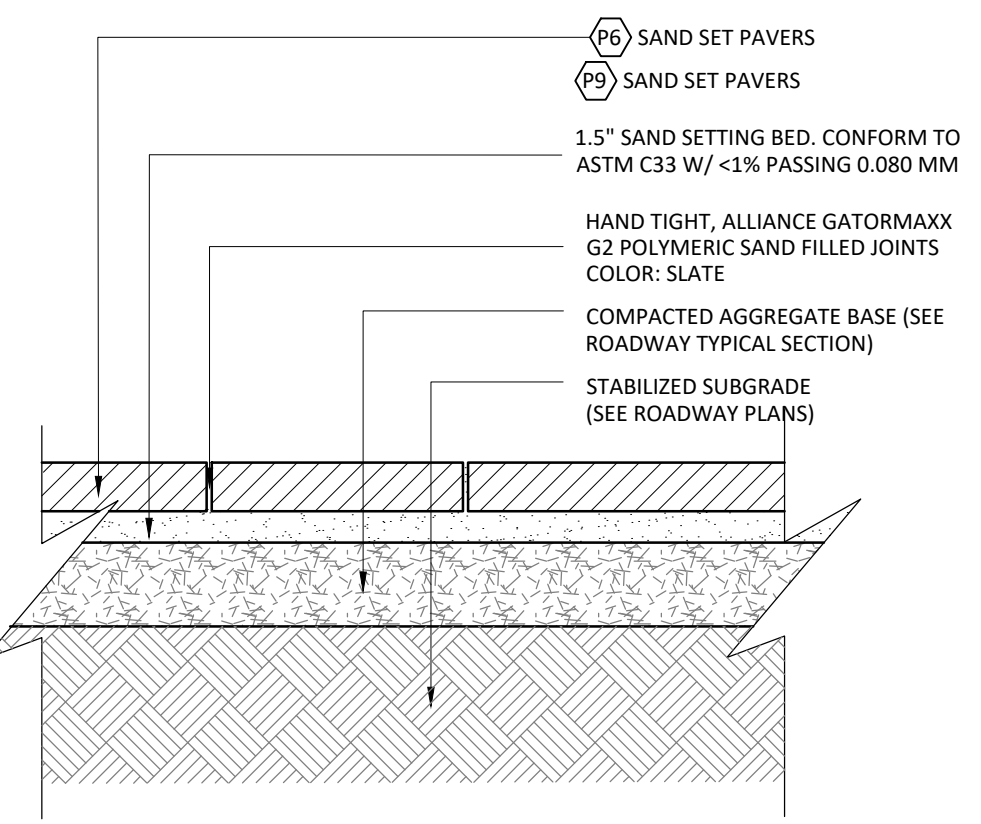
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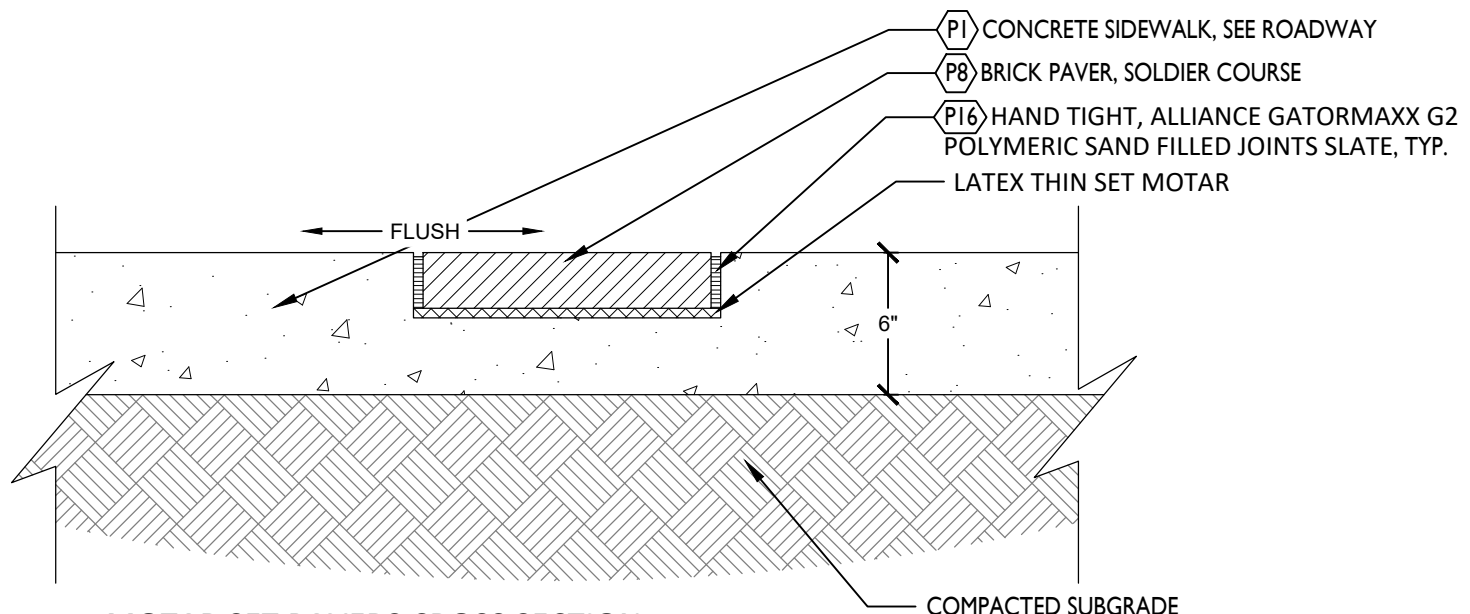
1 TYPICAL STOP BAR BLOW UP PLAN
SCALE: 1/4"=1'-0"




3 TYPICAL BRICK PAVER ADA PARKING SPACE
SCALE: 1/4"=1'-0"



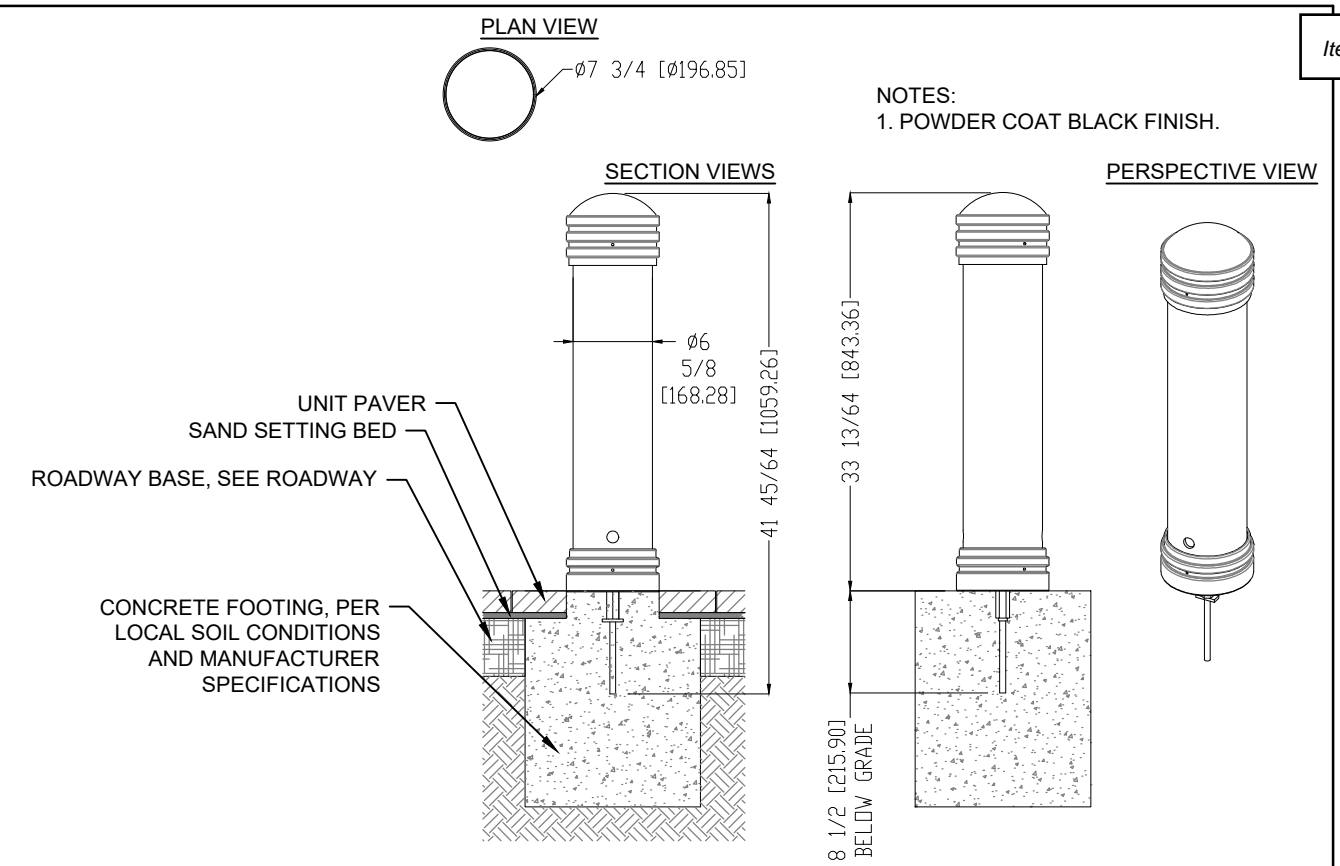
2 SAND SET PAVERS CROSS SECTION
NOT TO SCALE



4 MOTAR SET PAVERS CROSS SECTION
NOT TO SCALE

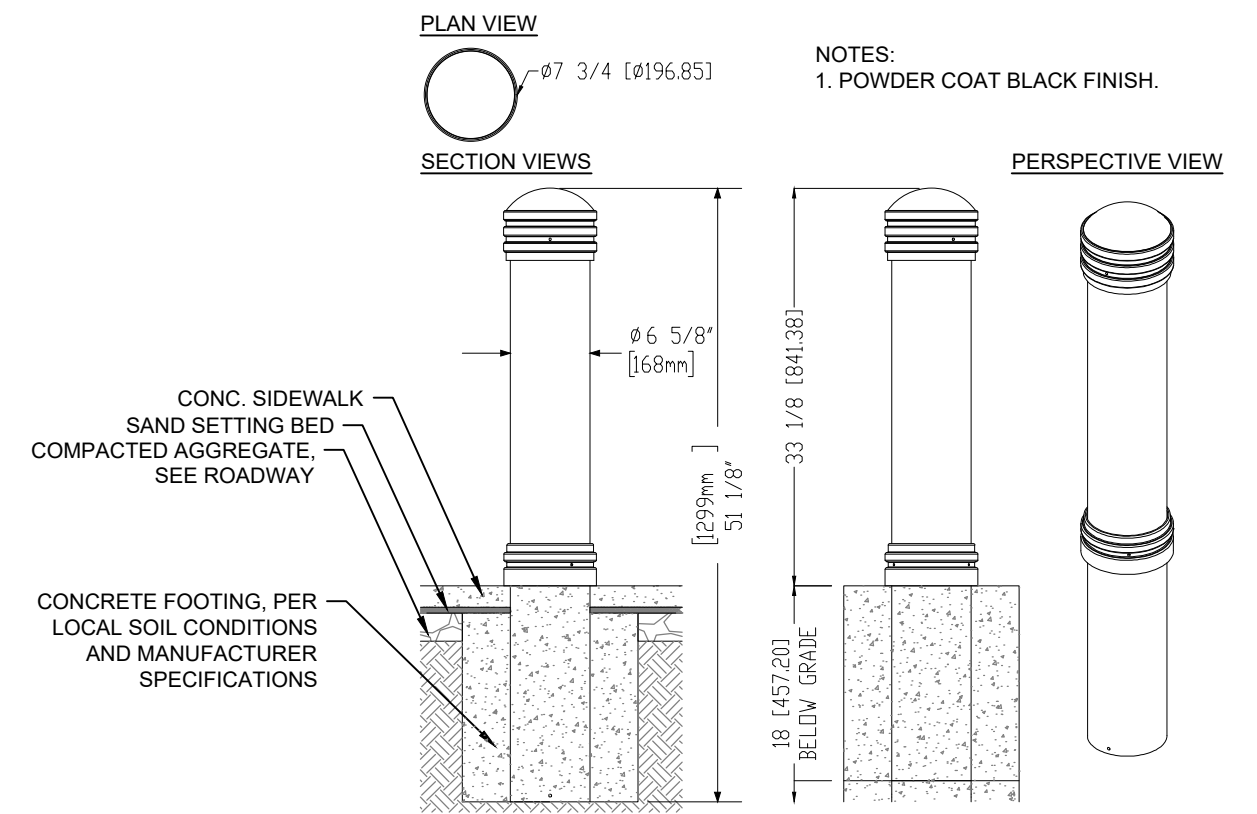
REVISIONS						ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE: HARDSCAPE PLANS	PROJECT NAME: WALNUT STREET	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					

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1 REMOVABLE BOLLARDS

NOT TO SCALE



2 PEDESTRIAN BOLLARDS

NOT TO SCALE

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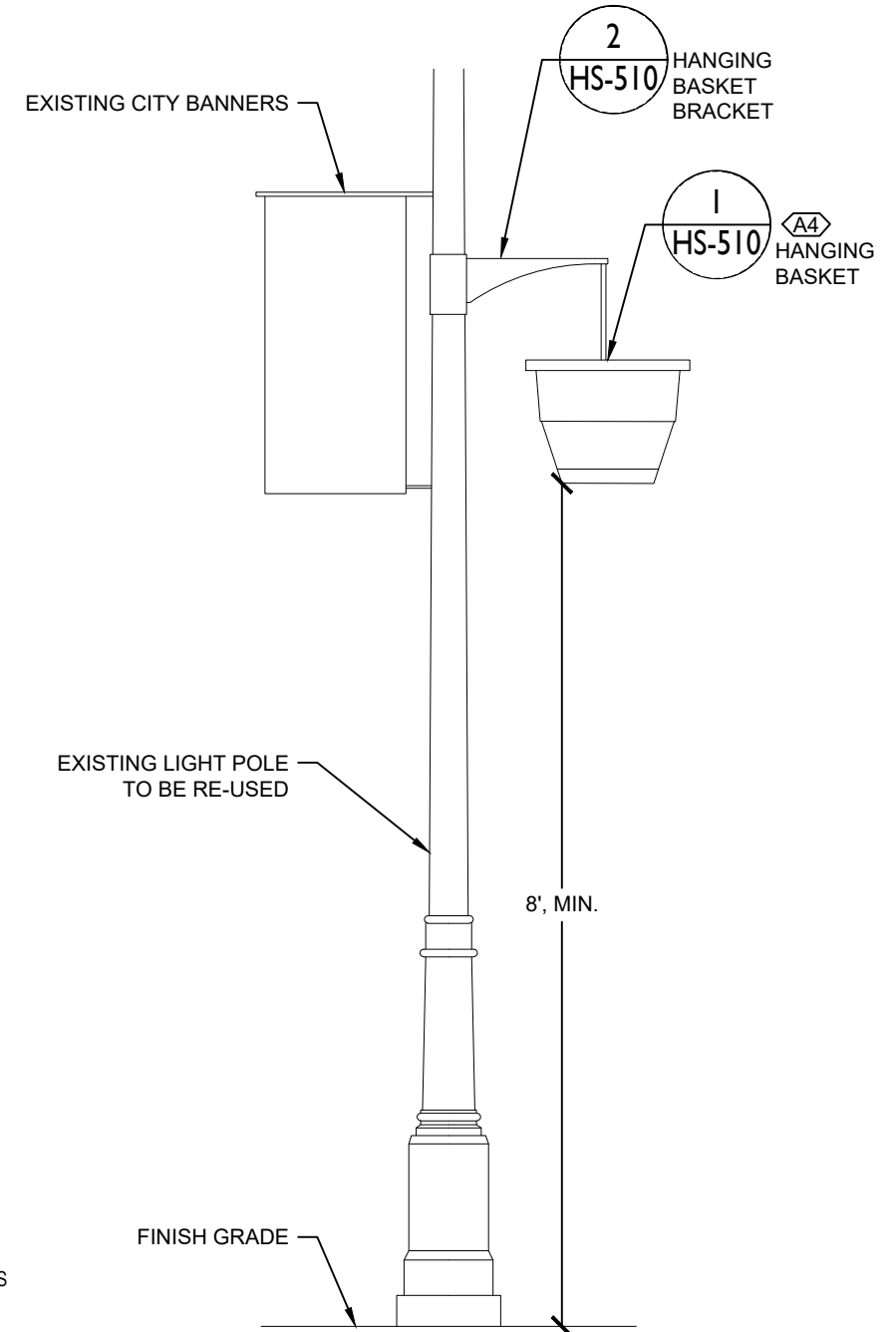
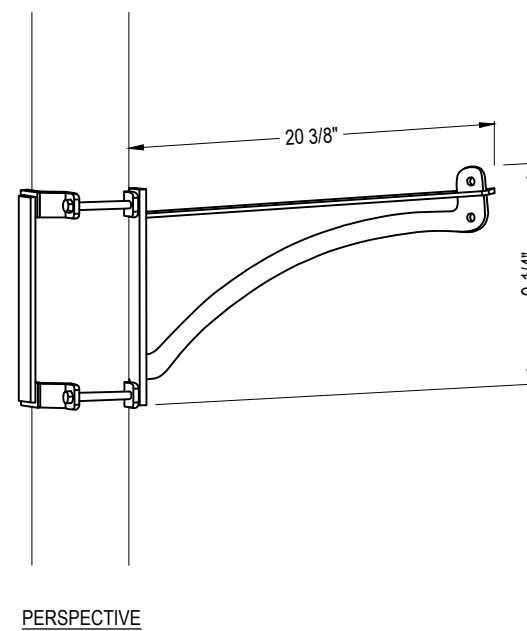
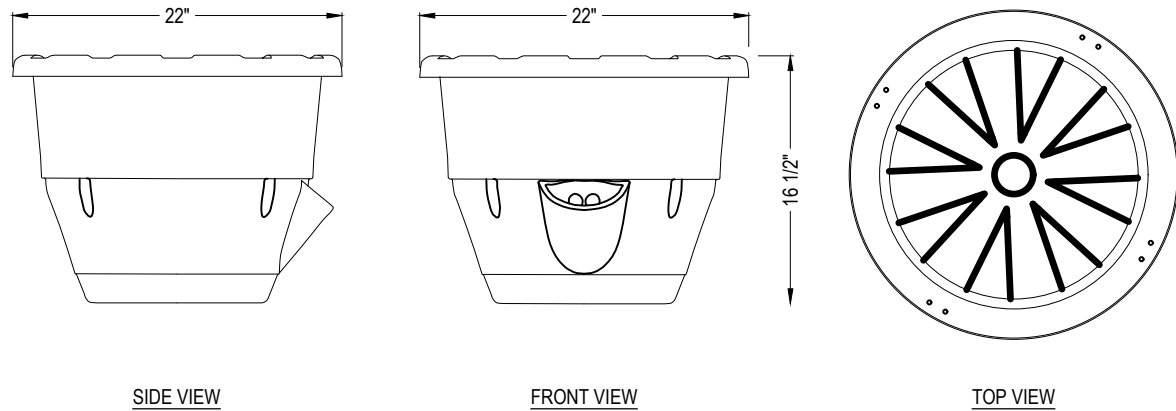
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EARTHPLANTER
 13 PULASKI STREET
 AUBURN, NY 13021
 PHONE: (877) 815-9276
 www.earthplanter.com



- SELECT DESIRED SIZE:
- STANDARD
(FITS MOST POLES 4-5" IN DIAMETER)
 - CUSTOM SIZES AVAILABLE (+\$10)



FEATURES:

- **EARTHPLANTER QUALITY** – THERMOFORMED CONSTRUCTION ENSURES YEARS OF OUTSTANDING PERFORMANCE IN THE TOUGHEST COMMERCIAL ENVIRONMENTS
- **INDUSTRY LEADING WICKING SYSTEM** – PROVIDES SUPERIOR BOTTOM FEEDING WHILE REGULATING WATER DELIVERY BASED ON SOIL CONDITIONS
- **SIDE FILL PORT** – PROVIDES EASY ACCESS AND ALLOWS WORKERS TO HOOK INTO THE PORT WITH MOST COMMERCIAL SPRAYER HEADS
- **UNMATCHED WARRANTY** – 10 YEARS ON PLANTER, 5 YEARS ON WICK

SPECIFICATIONS

DIMENSIONS: 22" TOP OUTSIDE DIAMETER X 16 1/2" H
PLANTING TRAY DEPTH: 8"
WATER CAPACITY: 4 GALLONS
SOIL CAPACITY: APPROX. 1.0 CUBIC FEET – PRO MIX BX OR EQUIVALENT SOIL REQUIRED
PRODUCT WEIGHT: 10 LBS. (SHIP WEIGHT) / APPROX. 70 LBS. WITH FULL RESERVOIR, & WET SOIL
WATERING CYCLE: ONCE EVERY 5-7 DAYS (VARIES BASED ON LOCATION AND WEATHER CONDITIONS)
MATERIAL: THERMOFORMED HIGH-DENSITY POLYETHYLENE
CHAINS: 20" STAINLESS POWDER COATED BLACK 200 LB. CAPACITY PER CHAIN
COLOR: BLACK
STACKABLE: YES
 100% MADE IN THE USA
INCLUDES: BASKET, PLANTING TRAY WITH INTEGRATED WICK, (4) CHAINS, (4) U-HOOKS WITH PLATES & BOLTS, (1) S-HOOK

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

FEATURES:

- EARTHPLANTER CERTIFIED TO HOLD OVER 300 LBS.
- MADE FROM 1/4" HOT ROLLED STEEL
- REQUIRES 35-40% LESS POLE SPACE THAN COMPETITIVE PRODUCTS
- FINISH: BLACK POWDER COAT
- POLE BRACKETS AND HARDWARE INCLUDED
- 10 YEAR WARRANTY

SPECIFICATIONS

ALL SPECS ARE PER BRACKET ARM
BRACKET ARM: LENGTH 20 3/8" X 8 3/4" HEIGHT (PER ARM)
POLE BRACKET: 9 1/4" HEIGHT
WEIGHT: 5 LBS. (6 LBS. WITH BRACKET)
SKU: EPBDA20

NOTES:

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4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

1 HANGING BASKET
 PRO-SERIES SELF WATERING HANGING BASKET (EPPS22) NOT TO SCALE

2 HANGING BASKET BRACKET
 SINGLE ARM BRACKET (EPBDA-4R) NOT TO SCALE

3 HANGING ON LIGHT POLE
 NOT TO SCALE

REVISIONS					
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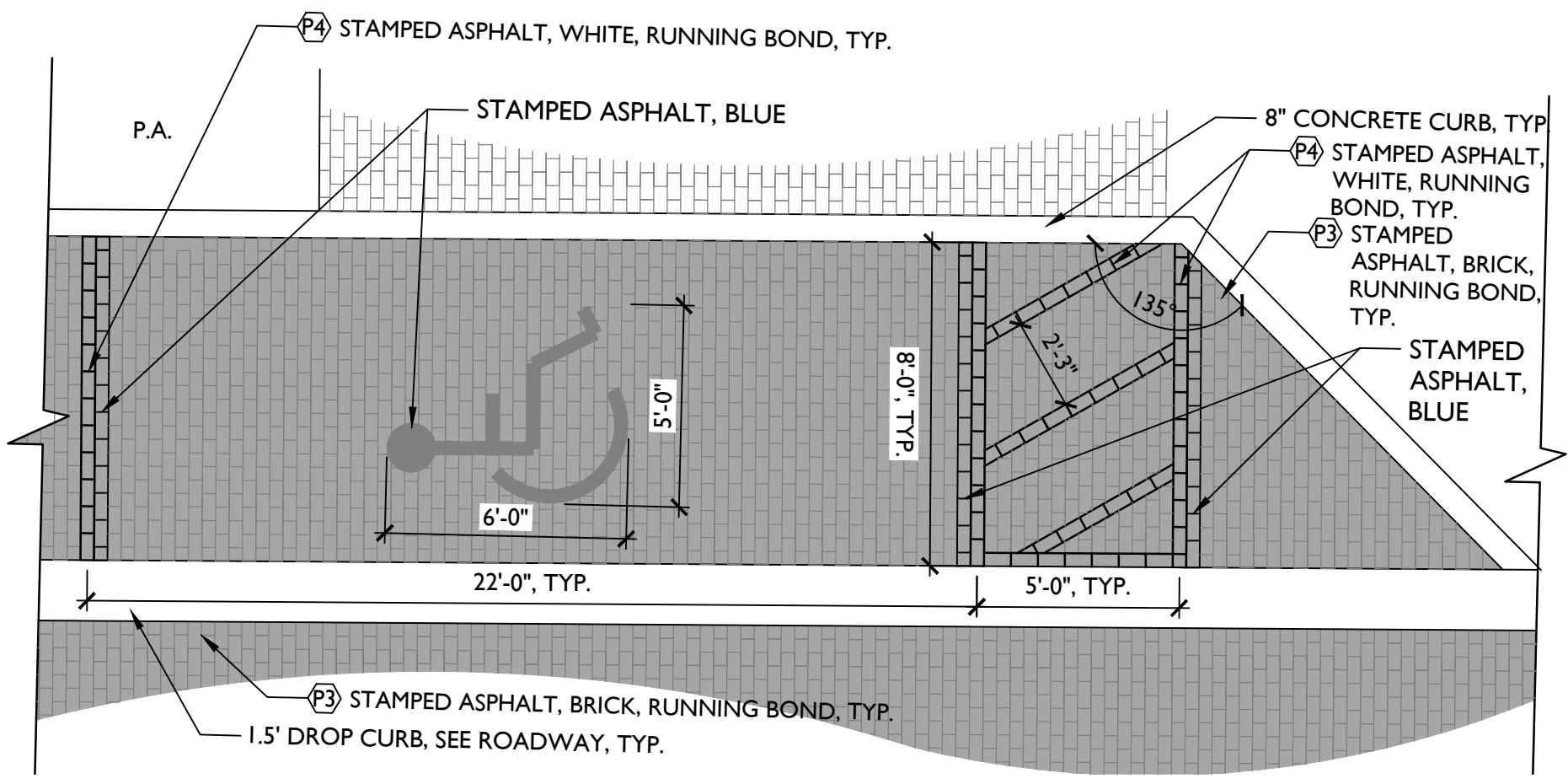
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PREPARED FOR
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SHEET TITLE:	HARDSCAPE PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	
		HS-	

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1 TYPICAL STAMPED ASPHALT ADA PARKING SPACE

SCALE: 1/4"=1'-0"



2 PLANTERS

NOT TO SCALE

REVISIONS						ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			HARDSCAPE PLANS		
							PROJECT NAME:	WALNUT STREET		SHEET
										LH--

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GENERAL HARDSCAPE NOTES

Item #7.


1. THESE CONSTRUCTION DOCUMENTS ARE ONLY INTENDED TO CONVEY OVERALL DESIGN INTENT, FORM, AND FINISHES. THE CONTRACTOR IS RESPONSIBLE TO INSTALL ALL WORK IN ACCORDANCE WITH THE RELEVANT AND APPLICABLE SECTIONS OF THE CSI, ASTM, AND/OR OTHER AIA/ASLA RECOGNIZED TRADE AGENCY, OR ANY LOCAL, COUNTY, OR STATE BUILDING CODES. THE LANDSCAPE ARCHITECT SHALL BEAR NO RESPONSIBILITY FOR ANY CONTRACTOR'S METHODS OF WORK.
2. THE CONTRACTOR SHALL VISIT THE SITE TO UNDERSTAND THE SCOPE AND EXISTING CONDITIONS PRIOR TO SUBMITTING A BID. NO ALLOWANCES WILL BE MADE DUE TO A FAILURE TO THOROUGHLY UNDERSTAND EXISTING CONDITIONS.
3. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS.
4. QUANTITIES PROVIDED ARE FOR REFERENCE ONLY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES PRIOR TO SUBMITTING A BID.
5. CONTRACTOR SHALL GUARANTEE THE PERFORMANCE OF ALL WORK FOR THE PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.
6. CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCING OF THEIR OPERATIONS ON-SITE. INCLUDING THE LOCAL MUNICIPALITY, COUNTY, AND STATE IN WHICH THE SITE IS LOCATED. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER AND KEPT ON-SITE BY THE GENERAL CONTRACTOR.
7. ALL WORK SHALL CONFORM WITH GOVERNING JURISDICTIONS.
8. ANY WORK IN THE RIGHT-OF-WAY SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
9. THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR - (SUNSHINE 811) - AT LEAST 48 HOURS IN ADVANCE OF ANY EXCAVATION. CONTRACTOR TO COORDINATE FIELD VISITS WITH UTILITY REPRESENTATIVES TO LOCATE UTILITIES AND INVESTIGATE FOR CONFLICTS WITHIN THE PROJECT LIMITS.
10. LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY, DETERMINING EXACT ELEVATIONS, ALIGNMENTS AND POSSIBLE CONFLICTS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THIS UNCERTAINTY SHALL BE FACTORED IN THE BID OF THE CONTRACTOR.
11. ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE OWNER.
12. CONTRACTOR RESPONSIBLE FOR LEGAL REMOVAL AND DISPOSAL OF DEMOLISHED CONCRETE, SUB-BASE AND COMPACTED ROAD ROCK.
13. CONTRACTOR IS RESPONSIBLE FOR PRESERVING AND PROTECTING ALL EXISTING LANDSCAPE MATERIAL AS NOTED PER THE PLANS. IF ANY OF THE PROTECTED, PRESERVED, OR RELOCATED TREES DIE DURING CONSTRUCTION OR THE WARRANTY PERIOD, THE CONTRACTOR SHALL REPLACE THE LANDSCAPE MATERIAL IN KIND.
14. ALL SLEEVES ON THE PLANS FOR WALL PENETRATIONS, AND UNDER PAVEMENT SHALL BE SIZED TWO PIPE SIZES GREATER THAN THE PIPE IT CARRIES.
15. CONTRACTOR RESPONSIBLE FOR ACHIEVING ADEQUATE PERCOLATION RATE (AS DESCRIBED ON THE LANDSCAPE NOTES) AND BACK FILLING WITH SPECIFIED SOIL/MATERIAL.
16. EXISTING UTILITIES, MANHOLE & HANDHOLE COVERS, UTILITY VAULTS, VALVE BOXES, METER BOXES, DRAINAGE STRUCTURES, ETC. SHALL BE SET ADJUSTED TO NEW GRADE ELEVATION, UNLESS OTHERWISE NOTED.
17. RESTORE ALL DISTURBED AREAS TO ORIGINAL OR BETTER CONDITION.
18. PROPOSED SIDEWALK IS TO CONNECT TO EXISTING SIDEWALK AND MATCH EXISTING GRADE, WHERE APPLICABLE.
19. ALL PRODUCTS SHALL BE AS SPECIFIED, IF AN EQUIVALENT PRODUCT IS TO BE USED, IT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
20. CONSTRUCTION ACCESS AND STAGING AREAS TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
21. CONTRACTOR SHALL MAINTAIN A SAFE AND CLEAN WORK SITE AT ALL TIMES WITH NO ACCESS TO THE PUBLIC. IF WORK IS TO BE COMPLETED IN THE RIGHT-OF-WAY THE CONTRACTOR SHALL PROVIDE SAFE ACCESS AND PROTECTION AROUND THE CONSTRUCTION SITE AT ALL TIMES.
22. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY TESTING TO ASSURE THAT PROPER COMPACTION HAS BEEN ACHIEVED ON SUBGRADES, BASE MATERIALS, ETC. AS PER THE PLANS AND PROVIDE COPIES TO THE OWNER, UPON REQUEST.
23. PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS/SUBMITTALS/ENGINEERING DRAWINGS SHALL BE PROVIDED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL.
24. CONTRACTOR SHALL MAINTAIN A COMPLETE SET OF PROGRESS RECORD DRAWINGS (AS-BUILTS) ON-SITE DURING CONSTRUCTION INCLUDING ALL PERMITS.
25. CONTRACTOR SHALL PROVIDE THE OWNER WITH ONE (1) DIGITAL COPY AND FIVE (5) SETS OF RECORD DRAWINGS (AS-BUILTS) UPON PROJECT COMPLETION. REFER TO THE CONTRACT GENERAL CONDITIONS FOR SPECIFIC REQUIREMENTS.
26. SHALL THERE BE QUESTION AS TO WHICH FINISH MATERIAL IS SPECIFIED FOR ANY SURFACE SHOWN IN THE DRAWING SET, IT IS UP TO THE CONTRACTOR TO REACH OUT TO THE LANDSCAPE ARCHITECT IN THE FORM OF AN RFP, FOR CLARIFICATION. ANY USE OF MATERIAL THAT IS NOT SPECIFIED IS SUBJECT TO REMOVAL AND REPLACEMENT.
27. DRAINAGE AND IRRIGATION SHALL BE PROVIDED TO ALL PLANTING AREAS. INSIDE OF ALL RETAINING WALLS AND RAISED PLANTERS SHALL BE SEALED WITH AN APPROPRIATE WATER-PROOFING SUBSTANCE, AND SHALL NOT BE VISIBLE ONCE SOIL IS BACKFILLED.
28. PROPOSED PLANT MATERIAL SHALL TAKE PRECEDENCE WHEN DETERMINING UNDERGROUND PIPING AND UTILITY LOCATIONS, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL PROVIDE CLEARANCES NECESSARY TO INSTALL PROPOSED LANDSCAPE/HARDSCAPE ELEMENTS.
29. CONTRACTOR SHALL RELOCATE OR ADJUST ANY UTILITIES/PIPING THAT INTERFERES WITH THE INSTALLATION OF PLANT MATERIALS AT HIS OWN EXPENSE.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING MINIMUM TWO (2) SLEEVES TO ACCOMMODATE IRRIGATION/ELECTRICAL/DRAINAGE AS NEEDED TO ANY ISOLATED PLANTING AREA.

31. FINAL GRADING SHALL BE REVIEWED OR COMPLETED BY A CIVIL ENGINEER.
32. MAINTAIN EXISTING GRADE TO THE DRIP LINE OF EXISTING TREES.
33. NEW EARTHWORK SHALL BE BLENDED INTO ADDITIONAL GRADE.
34. 'PA' INDICATES PLANTING AREA. IN THESE AREAS, THE FILL SOIL SHALL BE OF A QUALITY OF SANDY LOAM ABLE TO SUPPORT PLANT LIFE, AS DETERMINED BY THE LANDSCAPE ARCHITECT, AND SHALL BE FREE OF ROCKS, SHELLS, OR RUBBLE.
35. INSTALL ALL HARDSCAPE ELEMENTS IN ACCORDANCE WITH ENGINEERS DRAWINGS INCLUDING DRAINAGE, WALLS, STEPS, POOLS, SPAS, OR ANY OTHER STRUCTURES.
36. CAPSTONES SHALL BE SECURED WITH AN EXTERIOR RATED CONCRETE CONSTRUCTION ADHESIVE, OR AS RECOMMENDED BY THE MANUFACTURER
37. CONCRETE, UNLESS OTHERWISE NOTED BY ENGINEER, SHALL MEET THE FOLLOWING REQUIREMENTS.
 - 37.1. 28-DAY COMPRESSIVE STRENGTH:
 - 37.1.1.SIDEWALKS 2500 PSI
 - 37.1.2.FOUNDATIONS AND PATIO SLABS* 3000 PSI - FIBER REINFORCED
 - 37.1.3.COLUMN, BEAMS, AND SLABS 4000 PSI
 - 37.2. SLAB SURFACE FINISH: UNLESS OTHERWISE NOTED, ALL CONCRETE SLABS AND WALKWAYS SHALL RECIEVE A NON-SKID, LIGHT BROOMED FINISH. FINISH AND COLOR SHALL BE UNIFORM AND CONSISTENT OVER THE ENTIRE SURFACE. TOOL EDGES OF PAVEMENT, GUTTERS, CURBS, AND JOINTS.
 - 37.3. PROVIDE GROOVED OR CONTROL JOINTS AS NOTED BY ENGINEERS SPECIFICATIONS, OR EVERY 6' O.C. - SAWCUT JOINTS SHALL NOT BE ALLOWED
38. A WEEP HOLE SHALL BE PROVIDED FOR EVERY 3-5 FEET LENGTH OF A WALL. WHERE WEEP HOLES EMIT INTO A LANDSCAPE BED, THEY SHALL EMIT 4-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED. WHERE WEEP HOLES EMIT ONTO A PAVED AREA, EVERY POSSIBLE ATTEMPT SHALL BE TAKEN TO HIDE THE PRESENCE OF THE WEEP HOLE, INCLUDING ENDING THE PIPE BEHIND THE FINISH MATERIAL, AND PROVIDING A SMALL GAP OR HOLE IN THE FINISH MATERIAL TO LET WATER ESCAPE.
39. ONCE GRADING OPERATIONS ARE COMPLETED, ALL DISTURBED AREAS SHALL BE STABILIZED BY FINE GRADING.
40. ALL SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAINAGE SYSTEM THROUGH THE USE OF, BUT NOT LIMITED TO, THE FOLLOWING MEASURES: SILT FENCES, STRAW BALES, GRAVEL, BOARDS, GUTTER GUARDS, DRAIN GUARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MITIGATING ALL SEDIMENT LEAVING THE SITE AND TAKE APPROPRIATE CORRECTIVE MEASURES.

LAYOUT NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ACCURATELY SURVEYING AND LAYING OUT THE PROPOSED WORK FOR CONSTRUCTION. ANY DISTURBED OR LOST SURVEY MARKERS TO BE REPLACED AS REQUIRED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING GRADES, LINES, DIMENSIONS, EXISTING CONDITIONS AND REPORT ANY ERRORS, OMISSIONS, OR INCONSISTENCIES TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.
2. DO NOT SCALE THE DRAWINGS. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE LANDSCAPE ARCHITECT SHALL BE INFORMED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO CONTINUING WITH THE WORK.
3. CONTRACTOR MAY REQUEST DIGITAL DRAWING FILES FOR CONSTRUCTION LAYOUT PURPOSES.
4. THE LIMIT OF WORK LINE SHOULD BE STAKED TO ESTABLISH THE DISTURBED AREAS. ANTI-SILTATION BARRIERS AND FILTERS TO BE PLACED AT LOW POINTS TO PREVENT CONSTRUCTION SITE RUN-OFF FROM CONTAMINATING ADJACENT LAND AND WATER BODIES.

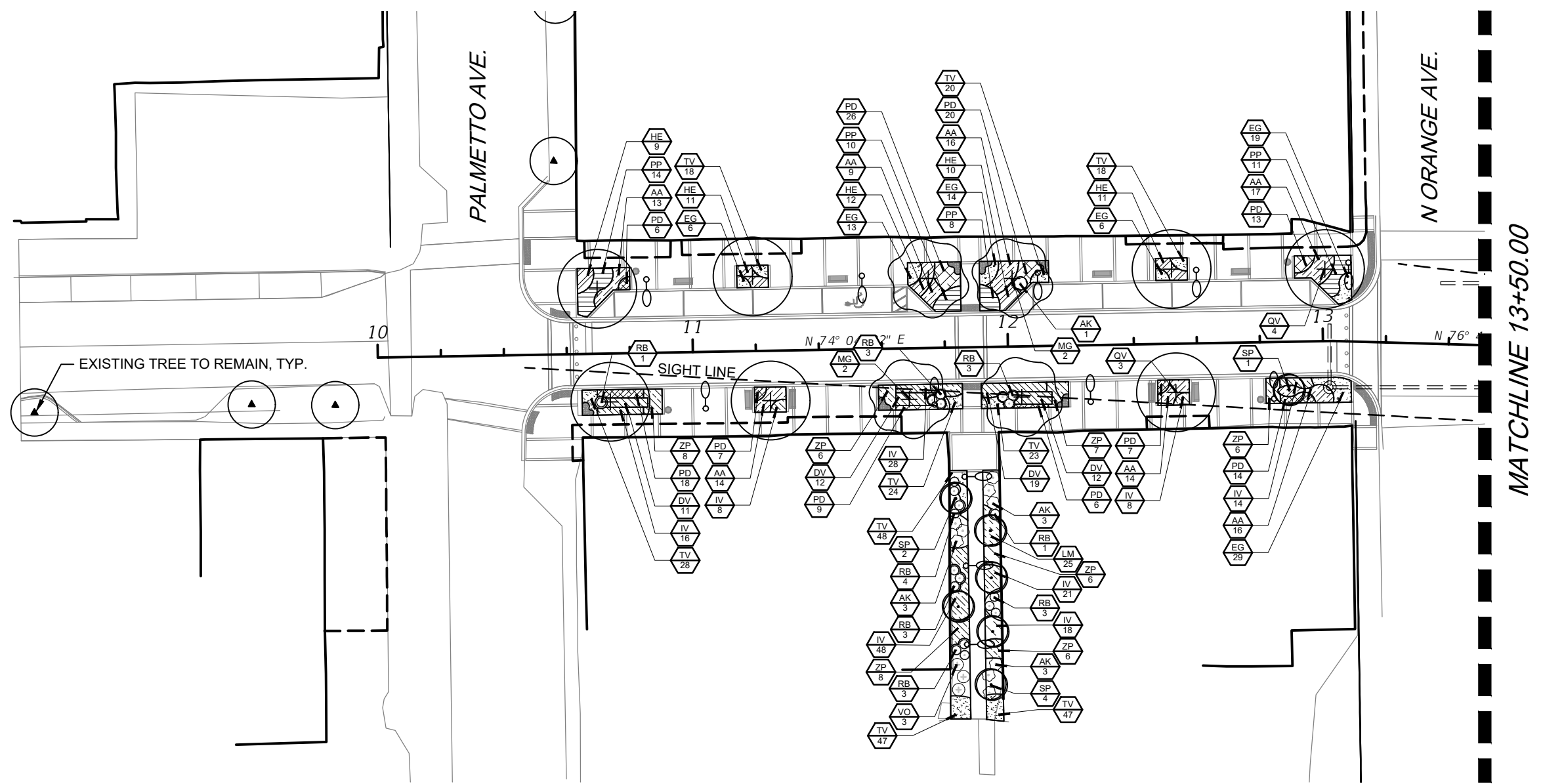
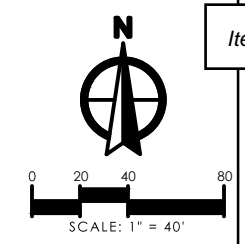
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			HARDSCAPE PLANS	
							PROJECT NAME: WALNUT STREET	SHEET LH--	

MATERIALS SCHEDULE						
PAVING SURFACING						
KEYNOTE CODE		MATERIAL	MANUFACTURER OR DISTRIBUTOR	SERIES, MODEL, SIZE	COLOR, FINISH, AND PATTERN	RECOMMENDATIONS AND NOTES
P1		CONCRETE SIDEWALK	SEE ROADWAY	SEE ROADWAY	SEE ROADWAY	SEE ROADWAY
P2		ASPHALT	SEE ROADWAY	SEE ROADWAY	SEE ROADWAY	SEE ROADWAY
P3		STAMPED ASPHALT (ROADWAY)	ATLANTIC PAVING, (30S)- S13- 8632	STREET BRICK XL OR APPROVED EQUAL	BRICK, OFFSET BRICK	
P4		STAMPED ASPHALT (STOP BAR AND PARKING STRIPING)	ATLANTIC PAVING, (30S)- S13- 8632	STREET BRICK XL OR APPROVED EQUAL	WHITE, OFFSET BRICK	
P5		STAMPED ASPHALT (CROSSWALK)	ATLANTIC PAVING, (30S)- S13- 8632	STREET BRICK XL OR APPROVED EQUAL	BRICK, HERRINGBONE	
P6		REUSED CLAY BRICK PAVER (ROADWAY)	REUSED	APPROX. 8-S/8"x 3.2"x 3.98" DEPTH	SALVAGE FROM ROADWAY, RUNNING BOND	SAND SET
P8		CLAY BRICK PAVERS (SIDEWALK)	CASH BUILDING MATERIALS, 904-355-6651	22S0424 – PINE HALL RED BRICK OR APPROVED EQUAL	NEW TO MATCH REUSED, BRICK RED, SOLDIER COURSE, MORTAR SET	MORTAR SET
P9		CLAY BRICK PAVERS (CROSSWALK)	CASH BUILDING MATERIALS, 904-355-6651	22S0424 – PINE HALL RED BRICK OR APPROVED EQUAL	NEW TO MATCH REUSED, BRICK RED, HERRINGBONE	SAND SET
P10		CONCRETE PAVERS (STOP BAR AND PARKING STRIPING)	LOWCOUNTRY BLOCK & PAVER, 866-468-3561	PARKING PAVERS OR APPROVED EQUAL	WHITE, CLASSIC, RUNNING BOND	SAND SET
P11		CONCRETE PAVERS (ADA PARKING)	LOWCOUNTRY BLOCK & PAVER, 866-468-3561	PARKING PAVERS OR APPROVED EQUAL	BLUE, CLASSIC, RUNNING BOND	SAND SET
P12		CONCRETE ADA DOMES	LOWCOUNTRY BLOCK & PAVER, 866-468-3561	ADA PAVERS OR APPROVED EQUAL	WHITE	IN CONCRETE LANDING, MORTAR SET
P13		CONCRETE ADA DOMES	LOWCOUNTRY BLOCK & PAVER, 866-468-3561	ADA PAVERS OR APPROVED EQUAL	RED	IN CONCRETE LANDING, MORTAR SET
P14		FLUSH CURB (CROSSWALKS)	SEE ROADWAY	1' CONCRETE	SEE ROADWAY	SEE ROADWAY
P15		FLUSH CURB	SEE ROADWAY	8" CONCRETE	SEE ROADWAY	SEE ROADWAY
P16		POLYMERIC SAND	ALLIANCE GATOR	SUPERSAND G2 POLYMERIC SAND OR APPROVED EQUAL	SLATE GRAY	
P17		REUSED CLAY BRICK PAVER (PARKING)	REUSED	APPROX. 8-7/16"x 3.91"x 3.03" DEPTH	SALVAGE FROM SIDEWALKS AND EDGE OF ROADWAY, RUNNING BOND	SAND SET
P18		PERMEABLE PAVERS (PARKING)	BELGARD ECO HOLLAND	80 MM 4" x 8" 3 1/8" OR APPROVED EQUAL	RED, HERRINGBONE	SEE DRAINAGE PLANS

SITE AMENITIES						
KEYNOTE CODE	QTY.	MATERIAL	MANUFACTURER OR DISTRIBUTOR	SERIES, MODEL, SIZE	COLOR, FINISH, AND PATTERN	RECOMMENDATIONS AND NOTES
A1	8	BENCH	VICTOR STANLEY, BECKY MCNAMARA, 301-855-8300, BRITTANYD@VICTORSTANLEY.COM	STEELITES RB, RB-28, 6'	FLUSH PER MANUFACTURES RECOMMENDATIONS, POWDER COAT GREEN	REFER TO DETAIL 1/LH-S06
A2	8	BIKE RACK	VICTOR STANLEY, BECKY MCNAMARA, 301-855-8300, BRITTANYD@VICTORSTANLEY.COM	CYCLE SENTRY, BRHS-101, IN-GROUND MOUNT	FLUSH MOUNT PER MANUFACTURES RECOMMENDATIONS, POWDER COAT GREEN	REFER TO DETAIL 2/LH-S06
A3	8	TRASH RECEPTACLE				REUSE EXISTING
A4	44	HANGING BASKETS WITH BRACKETS	EARTH PLANTER, 877-815-9279	PRO-SERIES SELF WATERING HANGING BASKET, EPPS22, BRACKETS - SINGLE POLE BRACKET #EPBSA20- OR APPROVED EQUAL	BLACK	1 BASKET AND BRACKET PER LIGHT FIXTURE, MOUNT OVER SIDEWALK, REFER TO DETAIL 1-3/LH-S10
A5	29	BOLLARDS	MAGLIN, KETT PHOMMASENH, 1-800-716-5506 x1102, KETT.PHOMMASENH@MAGLIN.COM	6S0 BOLLARD BASE TYPE 1, MTB6S0-B1 OR APPROVED EQUAL	POWDER COAT BLACK	REFER TO DETAIL 2/LH-S09
A6	20	BOLLARDS REMOVABLE	MAGLIN, KETT PHOMMASENH, 1-800-716-5506 x1102, KETT.PHOMMASENH@MAGLIN.COM	6S0 BOLLARD BASE TYPE 3, MTB6S0-B3 OR APPROVED EQUAL	POWDER COAT BLACK	REFER TO DETAIL 1/LH-S09
A8	33	PLANTERS (GROUPS OF 3 AT 11 LOCATIONS)	OLD TOWN FIBERGLASS, SEAN SMITH, 917-716-9242, SEAN@JETTY14.COM	MOONSTONE, MN2S29, 3 SIZES- 16.5" DIAM., 20.5" DIAM., 25" DIAM. OR APPROVED EQUAL	WHITE 1S O	MIX 1 OF EACH SIZE AT ELEVEN LOCATIONS, REFER TO DETAIL 2/LH-S11

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- NOTES:
1. SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
 2. REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
 3. SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.

LEGEND

TREES		SHRUB AREAS		SHRUB AREAS CONTINUED	
	LI TUSCARORA CRAPE MYRTLE		AA AFRICAN LILY		PP PRINCESS CAROLINE FOUNTAIN GRASS
	LJ JAPANESE PRIVET		DV AFRICAN IRIS		PD PRINGLES DWARF PODOCARPUS
	LT TULIP POPLAR		EG BRAZILIAN DWARF MORNING GLORY		SB SAND CORDGRASS
	MG SOUTHERN MAGNOLIA		HE HYBRID DAYLILY		SS ST. AUGUSTINE GRASS (SOD)
	PS SYLVESTER DATE PALM		IV SCHILLINGS DWARF YAUPON HOLLY		TV SOCIETY GARLIC
	QV CATHEDRAL LIVE OAK		LM EVERGREEN GIANT LILYTURF		ZP COONTIE
	SP CABBAGE PALM		MC PINK MUHLY GRASS	SHRUBS	
	TD BALD CYPRESS		PN BAHIAGRASS		AK KALEIDOSCOPE GLOSSY ABELIA
	EX EXISTING TREE TO REMAIN				RB AUTUMN CHIFFON ENCORE AZALEA
	EX EXISTING PALM TO REMAIN				VO SWEET VIBURNUM
					VO2 SWEET VIBURNUM

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411



PREPARED FOR
CITY OF
GREEN COVE SPRINGS

SHEET TITLE:	LANDSCAPE PLANS	REF. DWG. NO.
PROJECT NAME:	WALNUT STREET	SHEET
		LP-

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LEGEND

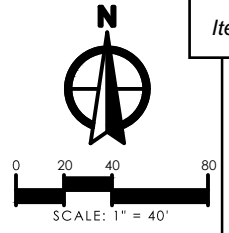
- TREES**
- LI TUSCARORA CRAPE MYRTLE
 - LJ JAPANESE PRIVET
 - LT TULIP POPLAR
 - MG SOUTHERN MAGNOLIA
 - PS SYLVESTER DATE PALM
 - QV CATHEDRAL LIVE OAK
 - SP CABBAGE PALM
 - TD BALD CYPRESS
 - EX EXISTING TREE TO REMAIN
 - EX EXISTING PALM TO REMAIN

- SHRUB AREAS**
- AA AFRICAN LILY
 - DV AFRICAN IRIS
 - EG BRAZILIAN DWARF MORNING GLORY
 - HE HYBRID DAYLILY
 - IV SCHILLINGS DWARF YAUPON HOLLY
 - LM EVERGREEN GIANT LILYTURF
 - MC PINK MUHLY GRASS
 - PN BAHIAGRASS

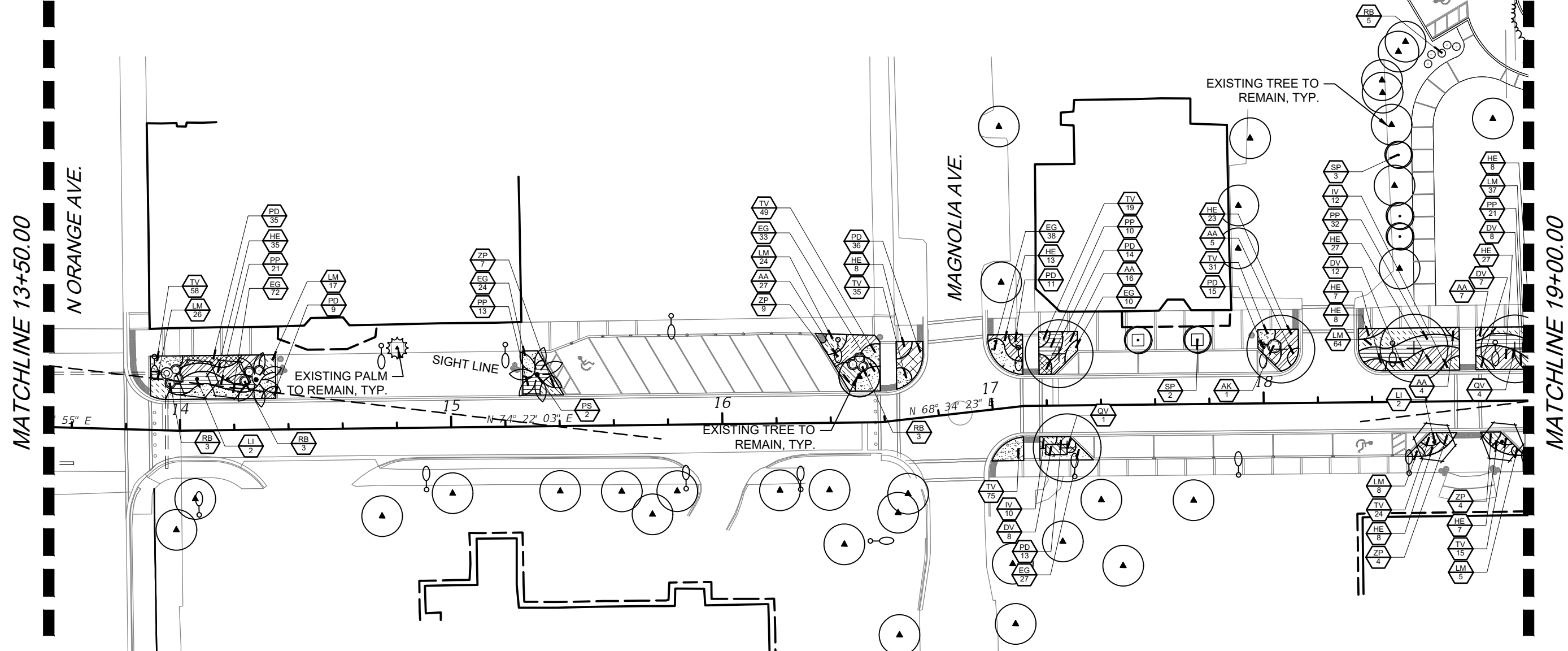
- SHRUB AREAS CONTINUED**
- PP PRINCESS CAROLINE FOUNTAIN GRASS
 - PD PRINGLES DWARF PODOCARPUS
 - SB SAND CORDGRASS
 - SS ST. AUGUSTINE GRASS (SOD)
 - TV SOCIETY GARLIC
 - ZP COONTIE
- SHRUBS**
- AK KALEIDOSCOPE GLOSSY ABELIA
 - RB AUTUMN CHIFFON ENCORE AZALEA
 - VO SWEET VIBURNUM
 - VO2 SWEET VIBURNUM

NOTES:

- SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
- REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
- SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.

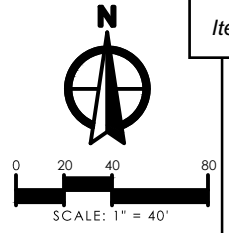


Item #7.



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REVISIONS						PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE: LANDSCAPE PLANS PROJECT NAME: WALNUT STREET	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			
						ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	SHEET: LP-	Page 118



LEGEND

TREES

- LI TUSCARORA CRAPE MYRTLE
- LJ JAPANESE PRIVET
- LT TULIP POPLAR
- MG SOUTHERN MAGNOLIA
- PS SYLVESTER DATE PALM
- QV CATHEDRAL LIVE OAK
- SP CABBAGE PALM
- TD BALD CYPRESS
- EX EXISTING TREE TO REMAIN
- EX EXISTING PALM TO REMAIN

SHRUB AREAS

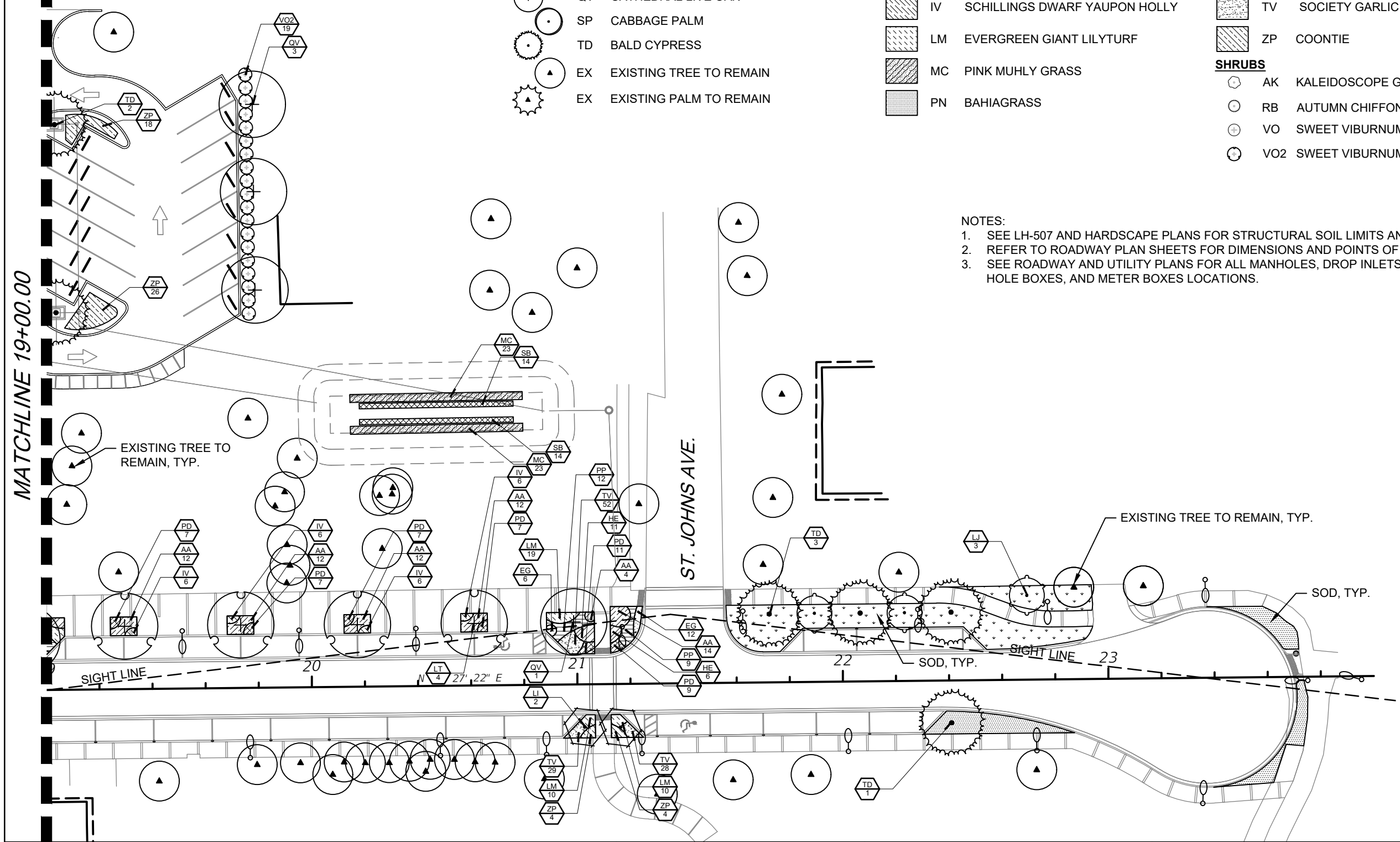
- AA AFRICAN LILY
- DV AFRICAN IRIS
- EG BRAZILIAN DWARF MORNING GLORY
- HE HYBRID DAYLILY
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- MC PINK MUHLY GRASS
- PN BAHIA GRASS

SHRUB AREAS CONTINUED

- PP PRINCESS CAROLINE FOUNTAIN GRASS
- PD PRINGLES DWARF PODOCARPUS
- SB SAND CORDGRASS
- SS ST. AUGUSTINE GRASS (SOD)
- TV SOCIETY GARLIC
- ZP COONTIE

SHRUBS

- AK KALEIDOSCOPE GLOSSY ABELIA
- RB AUTUMN CHIFFON ENCORE AZALEA
- VO SWEET VIBURNUM
- VO2 SWEET VIBURNUM



NOTES:

1. SEE LH-507 AND HARDSCAPE PLANS FOR STRUCTURAL SOIL LIMITS AND LOCATIONS.
2. REFER TO ROADWAY PLAN SHEETS FOR DIMENSIONS AND POINTS OF BEGINNING.
3. SEE ROADWAY AND UTILITY PLANS FOR ALL MANHOLES, DROP INLETS, ELECTRIC HAND HOLE BOXES, AND METER BOXES LOCATIONS.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

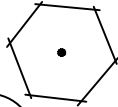
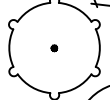


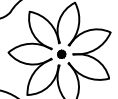


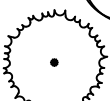




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CITY OF GREEN COVE SPRINGS

SHEET TITLE:
LANDSCAPE PLANS

PROJECT NAME:
WALNUT STREET

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PLANT SCHEDULE

TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	REMARKS
	LI	6	Tuscarora Crape Myrtle	Lagerstroemia indica x fauriei `Tuscarora`	10' O.A., MULTI-TRUNK
	LJ	3	Japanese Privet	Ligustrum japonicum	6-7' O.A., MULTI-TRUNK
	LT	4	Tulip Poplar	Liriodendron tulipifera	12' ht., 2.5" cal.
	MG	4	Southern Magnolia	Magnolia grandiflora	12' ht., 2.5" cal.
	PS	2	Sylvester Date Palm	Phoenix sylvestris	14' c.t.
	QV	18	Cathedral Live Oak	Quercus virginiana `Cathedral`	20' ht., 6" cal.
	SP	12	Cabbage Palmetto	Sabal palmetto	RELOCATED
	TD	6	Bald Cypress	Taxodium distichum	12' ht., 2.5" cal.
SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	REMARKS
	AK	11	Kaleidoscope Glossy Abelia	Abelia x grandiflora `Kaleidoscope`	24" x 24", a.s.
	RB	35	Autumn Chiffon® Encore® Azalea	Rhododendron x `Robled`	24" x 24", a.s.
	VO	3	Sweet Viburnum	Viburnum odoratissimum	36" x 36", a.s.
	VO2	19	Sweet Viburnum	Viburnum odoratissimum	72" x 48", a.s.

REVISIONS					
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L.A. NO. 6666787
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WEST PALM BEACH, FL 33411

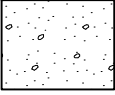


PREPARED FOR
CITY OF
GREEN COVE SPRINGS


SHEET TITLE:	LANDSCAPE SCHEDULE	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	

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PLANT SCHEDULE

SHRUB AREAS	CODE	QTY	COMMON NAME	BOTANICAL NAME	REMARKS
	AA	224	African Lily	Agapanthus africanus	24" x 24" @ 2' o.c.
	DV	89	African Iris	Dietes vegeta	24" x 24" @ 2' o.c.
	EG	309	Brazilian Dwarf Morning Glory	Evolvulus glomeratus 'Blue Daze'	12" x 12" @ 18" o.c.
	HE	241	Hybrid Daylily	Hemerocallis x	24" x 24" @ 2' o.c.
	IV	207	Schillings Dwarf Yaupon Holly	Ilex vomitoria 'Schillings Dwarf'	10" x 10" @ 2' o.c.
	LM	245	Evergreen Giant Lilyturf	Liriope muscari 'Evergreen Giant'	12" x 12" @ 18" o.c.
	MC	46	Pink Muhly Grass	Muhlenbergia capillaris	18" x 12" @ 36" o.c.
	PN	689 sf	Bahiagrass	Paspalum notatum	SOD
	PP	161	Princess Caroline Fountain Grass	Pennisetum purpureum 'Princess Caroline'	18" x 18" @ 2.5' o.c.
	PD	307	Pringles Dwarf Podocarpus	Podocarpus macrophyllus 'Pringles'	12" x 12" @ 1.5' oc
	SB	28	Sand Cordgrass	Spartina bakeri	18" x 12" @ 36" o.c.
	SS	1,734 sf	St. Augustine Grass	Stenotaphrum secundatum	SOD
	TV	688	Society Garlic	Tulbaghia violacea	10" x 10" @ 1' o.c.
	ZP	123	Coontie	Zamia pumila	12" x 12" @ 30" o.c.

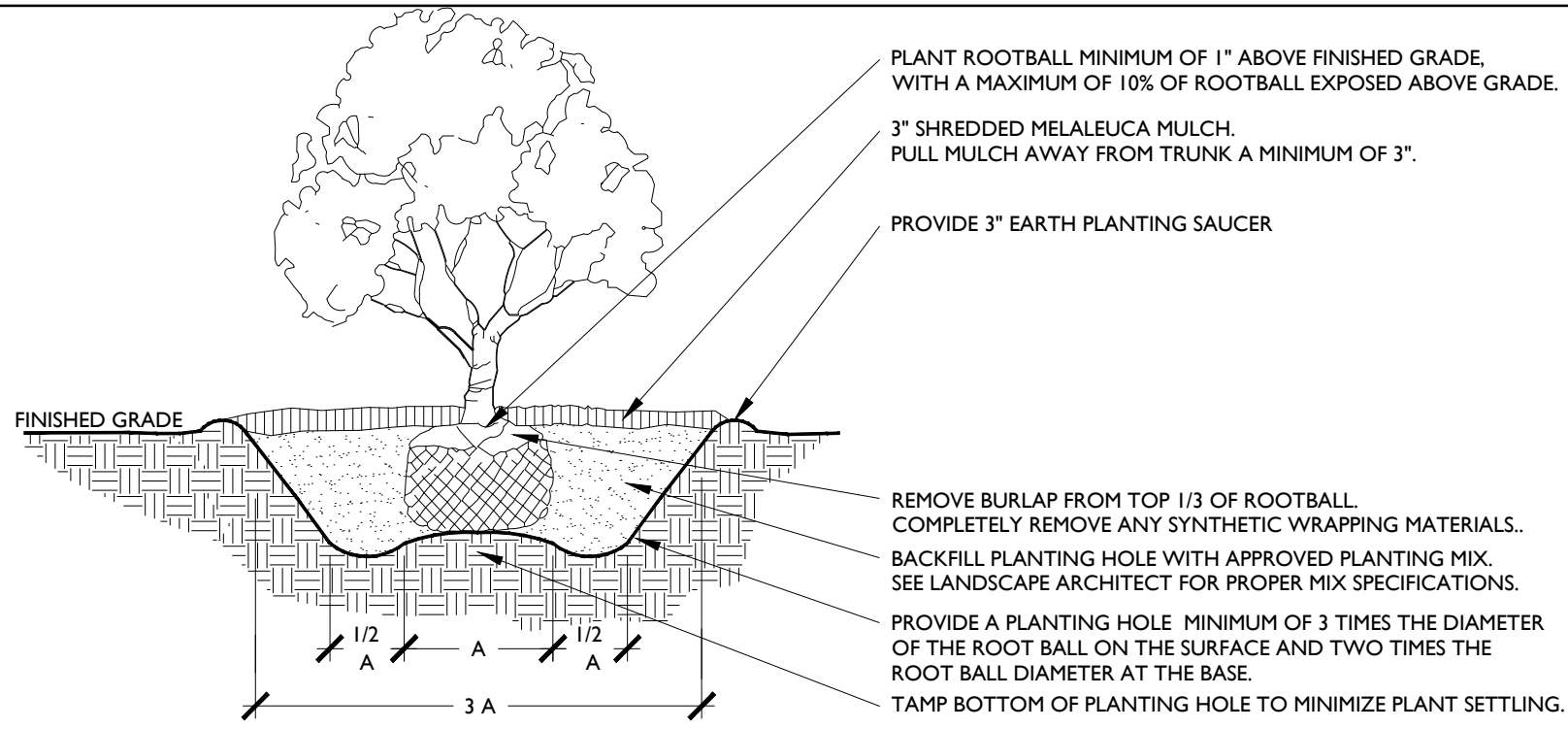
NOTES:
 I. TBD ANNUAL PLANTING/ SEASONAL COLOR- MIX TO BE PROVIDED IN EVERY PLANTER AND HANGING BASKET. CITY TO APPROVE PLANT SELECTION.

REVISIONS						ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE:	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			LANDSCAPE SCHEDULE	
							PROJECT NAME:	WALNUT STREET	
								SHEET	
								LP-	

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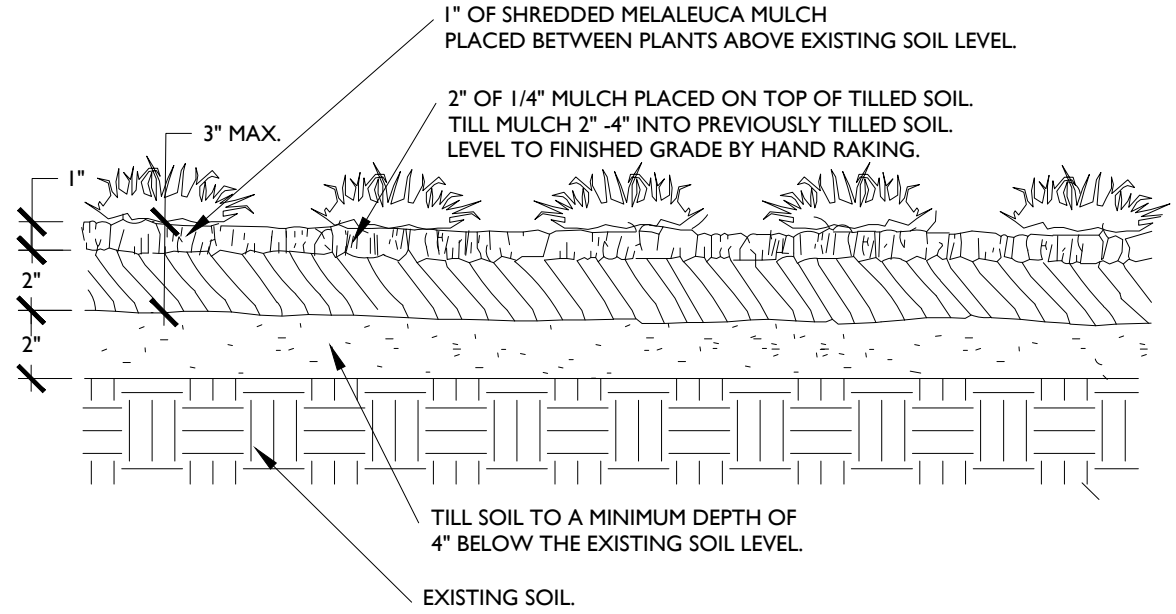
LANDSCAPE NOTES:

1. STRUCTURAL ELEMENTS AND HARDSCAPE FEATURES INDICATED ON LANDSCAPE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY. LANDSCAPE PLANS ARE TO BE UTILIZED FOR LOCATION OF LIVING PLANT MATERIAL ONLY. LANDSCAPE PLANS SHOULD NOT BE UTILIZED FOR STAKING AND LAYOUT OR LOCATION OF ANY STRUCTURAL SITE FEATURES INCLUDING BUT NOT LIMITED TO: BUILDINGS, SIGNAGE, PATHWAYS, EASEMENTS, BERMS, WALL, FENCES, UTILITIES OR ROADWAYS.
2. CONTRACTOR SHALL ACQUIRE ALL APPLICABLE FEDERAL, STATE, LOCAL, JURISDICTIONAL OR UTILITY COMPANY PERMITS REQUIRED PRIOR TO REMOVAL, RELOCATION, AND/OR INSTALLATION OF LANDSCAPE MATERIALS INDICATED WITHIN PLAN DOCUMENTS. THE CONTRACTOR SHALL HAVE PERMITS "IN HAND" PRIOR TO STARTING WORK. LANDSCAPE ARCHITECT SHALL BEAR NO RESPONSIBILITY FOR WORK PERFORMED WITHOUT PERMITTED DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES TO THE WORK, AT NO ADDITIONAL COST TO THE OWNER, AS A RESULT OF UNAUTHORIZED WORK PRIOR TO RECEIPT OF PERMIT.
3. TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS FROM UTILITIES. IN THE EVENT OF A CONFLICT, AFFECTED PLANT MATERIAL SHALL BE FIELD ADJUSTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT TO AVOID CONFLICTS WITH THE WITH EXISTING AND PROPOSED UTILITIES, LIGHT POLES, DRAINAGE STRUCTURES OR LINES, OR OTHER AFFECTED SITE FEATURES.
4. ANY PLANTING WITHIN THE SIGHT TRIANGLES SHALL PROVIDE UNOBSTRUCTED VIEWS AT A LEVEL BETWEEN 30" AND 8' ABOVE THE PAVEMENT.
5. IN CASE OF DISCREPANCIES PLANS TAKE PRECEDENCE OVER PLANT LIST.
6. LANDSCAPE CONTRACTOR RESPONSIBLE FOR VERIFICATION OF ALL QUANTITIES PRIOR TO BIDDING.
7. REMOVAL OF EXISTING VEGETATION IS RESPONSIBILITY OF LANDSCAPE CONTRACTOR.
8. ALL PLANT MATERIAL TO BE FLORIDA GRADE #1 AT TIME OF INSTALLATION UNLESS OTHERWISE NOTED.



1 SHRUB PLANTING DETAIL

NOT TO SCALE

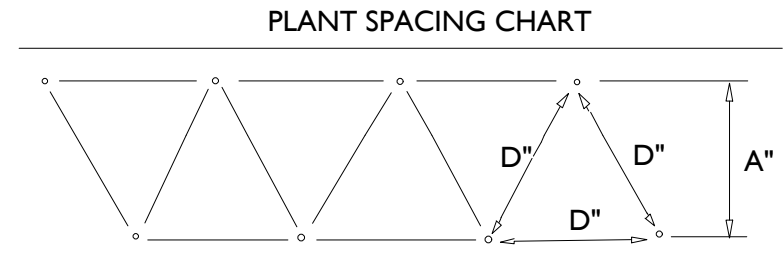


2 GROUNDCOVER PLANTING DETAIL


NOT TO SCALE

SPACING "D"	ROW "A"
6" O.C.	5.2"
8" O.C.	6.93"
10" O.C.	8.66"
12" O.C.	10.4"
18" O.C.	15.6"
24" O.C.	20.8"
30" O.C.	26.0"
36" O.C.	31.2"
48" O.C.	41.6"

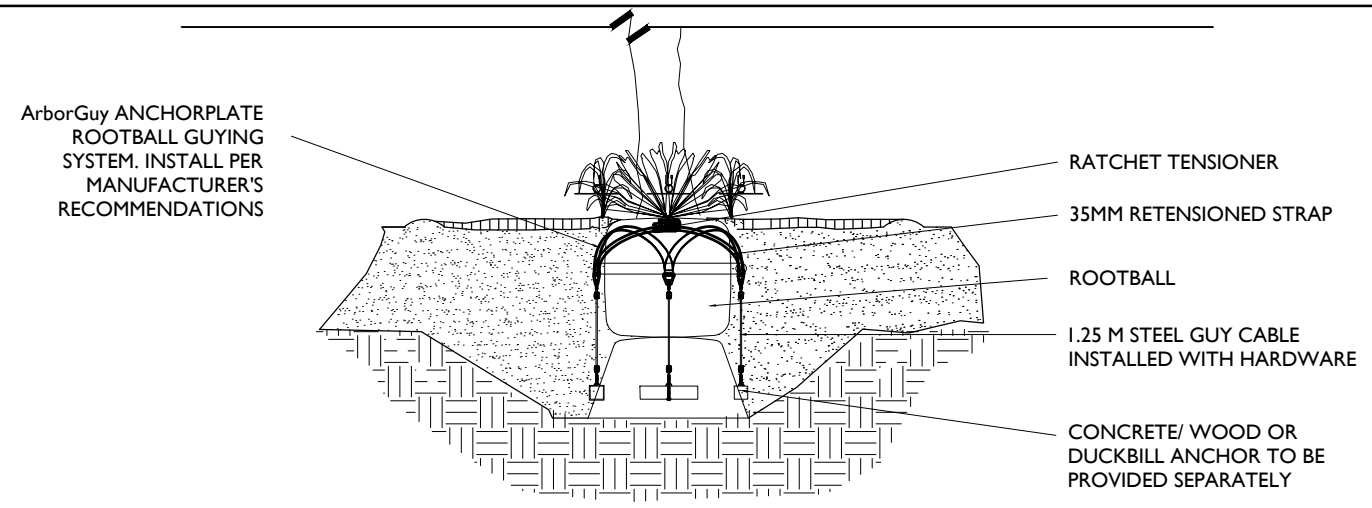
3 PLANT SPACING DETAIL



NOT TO SCALE

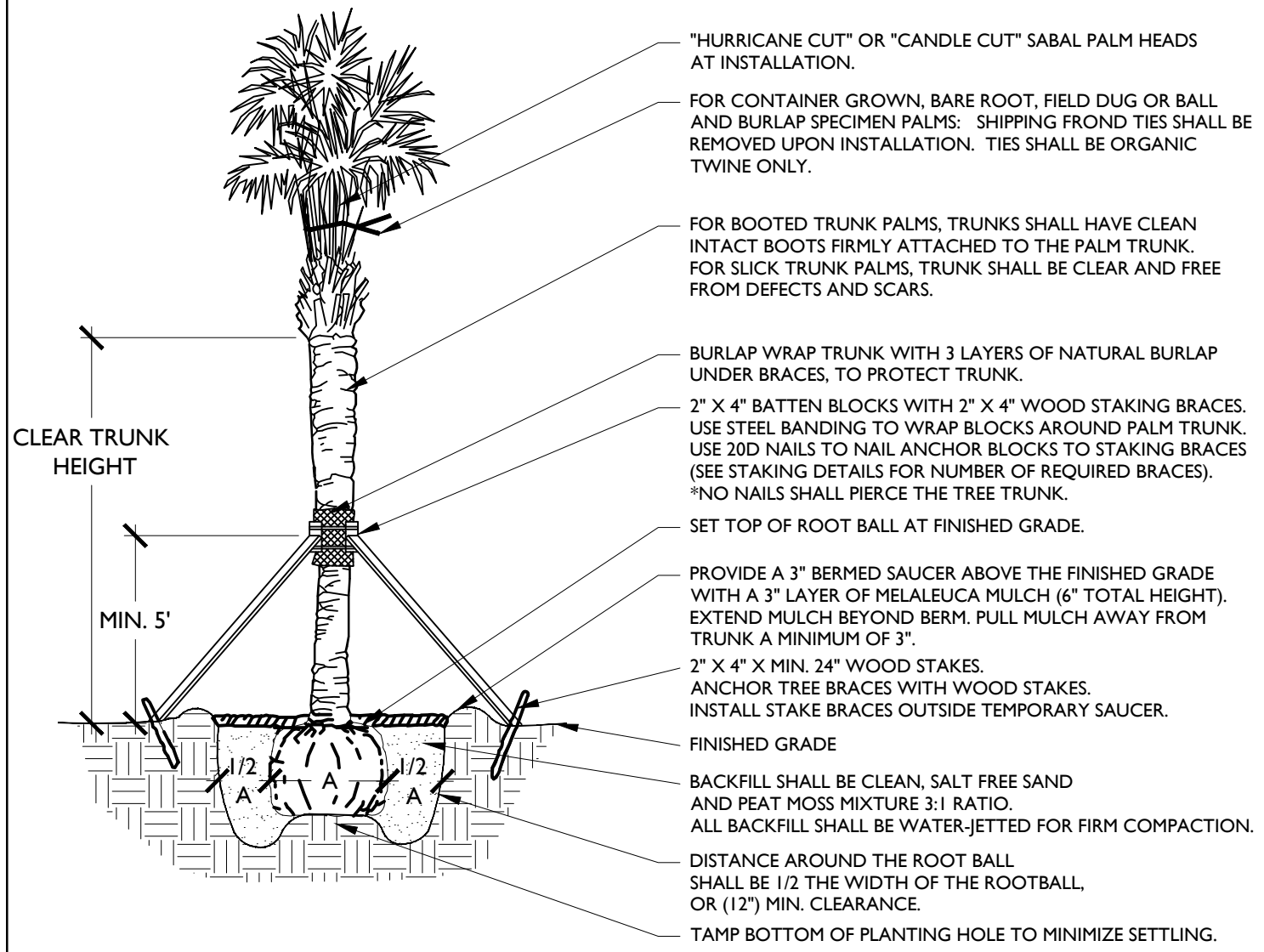
REVISIONS						ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			LANDSCAPE DETAILS		
							PROJECT NAME:			
							WALNUT STREET			

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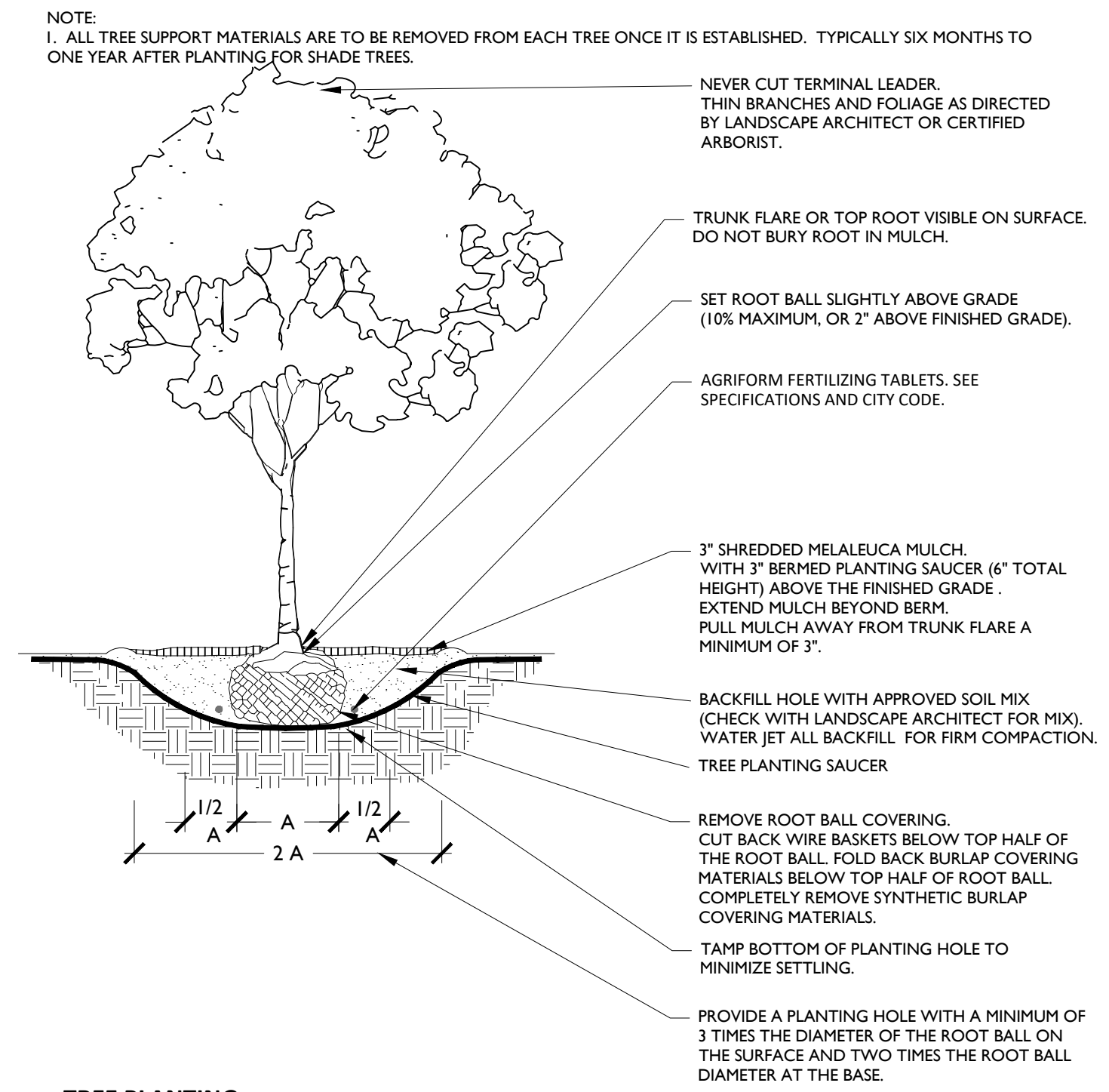
1 UNDERGROUND STAKING DETAIL

NOT TO SCALE



2 PALM PLANTING

NOT TO SCALE



3 TREE PLANTING

NOT TO SCALE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411



PREPARED FOR
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SHEET TITLE: LANDSCAPE DETAILS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET LP--

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Landscape Planting - Part I. General

I. Description of Work

- A. Provide all exterior planting as shown on the drawings or inferable therefrom and/or as specified in accordance with the requirements of the Contract Documents. Landscape plans provided indicate the proposed location of living plant material only. Structural elements and hardscape features indicated on the landscape plans are for information purposes only. Landscape plans are not to be utilized for staking and layout or location of any structural site features including but not limited to, buildings, signage, pathways, easements, utilities or roadways.
- B. These specifications include standards necessary for and incidental to the execution and completion of planting as indicated on the prepared drawings and specified herein.
- C. All applicable federal, state and local permits shall be attained prior to the removal, relocation, or installation of plant materials indicated within the plan documents.
- D. Protection of existing features. During construction, protect all existing trees, shrubs, and other specified vegetation, site features and improvements, structures, and utilities specified herein and/or on submitted drawings. Removal or destruction of existing plantings is prohibited unless specifically authorized by the owner, and with permit as required by associated federal, state and local government agencies.

II. Applicable Standards

- A. American National Standards for Tree Care Operations, ANSI A300. American National Standards Institute, 11 West 42nd Street, New York, N.Y. 10036.
- B. American Standard for Nursery Stock, ANSI Z60.1. American Nursery and Landscape Association, 1250 Eye Street. NW, Suite 500, Washington, D.C. 20005.
- C. Hortus Third, The Staff of the L.H. Bailey Hortorium, 1976. MacMillan Publishing Co., New York.
- D. Florida Department of Agriculture "Grades and Standards for Nursery Plants", most recent addition.
- E. National Arborist Association- Pruning Standards for Shade Trees
- F. All standards shall include the latest additions and amendments as of the date of advertisement for bids

III. Qualifications

- A. Landscape planting and related work shall be performed by a firm with a minimum of five years experience specializing in this type of work. All contractors and their sub-contractors who will be performing any landscape work included in this section of the specification shall be approved by the landscape architect.
- B. Landscape Contractor shall be licensed and shall carry any necessary insurance and shall protect the Landscape Architect and Owner against all liabilities, claims or demands for injuries or damage to any person or property growing out of the performance of the work under this contract. All workers shall be covered by Workman's Compensation Insurance.

IV. Requirements of Regulatory Agencies

- A. Certificates of inspection shall accompany the invoice for each shipment of plants as may be required by law for transportation. File certificates with the landscape architect prior to acceptance of the material. Inspection by federal or state authorities at place of growth does not preclude rejection of the plants at the site.

V. Submittals

- A. Manufacturer's Data: Submit copies of the manufacturer's and/or source data for all materials specified, including soils, soil amendments and fertilizer materials. Comply with regulations applicable to landscape materials.
- B. Samples: Submit samples of all topsoil, soil mixes, mulches, and organic materials. Samples shall weigh 1 kg (2 lb) and be packaged in plastic bags. Samples shall be typical of the lot of material to be delivered to the site and provide an accurate indication of color, texture, and organic makeup of the material.
- C. Nursery Sources: Submit a list of all nurseries that will supply plants, along with a list of the plants they will provide and the location of the nursery. For each species, submit a typical photo from the supplier's yard, taken with a ruler or yardstick showing the height and breadth of the plant.
- D. Soil Test: Submit soil test analysis report for each sample of topsoil and planting mix from a soil testing laboratory approved by the landscape architect.

- 1. Provide a particle size analysis, including the following gradient of mineral content:

USDA Designation	Size in mm
Gravel	+2 mm
Very Course Sand	1-2 mm
Coarse Sand	0.5-1 mm
Medium Sand	0.25-0.5 mm
Fine Sand	0.1-0.25 mm
Very fine sand	0.05-0.1 mm
Silt	0.002-0.05 mm
Clay	smaller than 0.002

- 2. Provide a chemical analysis, including the following:
 - a. pH and buffer pH
 - b. Percentage of organic content by oven-dried weight.
 - c. Nutrient levels by parts per million, including phosphorus, potassium magnesium, manganese, iron, zinc, and calcium. Nutrient test shall include the testing laboratory recommendations for supplemental additions to the soil based on the requirements of horticultural plants.
 - d. Soluble salt by electrical conductivity of a 1:2, soil: water, sample measured in millimho per cm.
 - e. Cation exchange capacity (CEC).

- E. Material Testing: Submit the manufacturers particle size analysis, and the pH analysis and provide a description and source location for the content material of all organic materials.
- F. Maintenance Instructions: Prior to the end of maintenance period, Landscape Contractor shall furnish three copies of written maintenance instructions to the Landscape Architect for transmittal to the Owner for maintenance and care of installed plants through their full growing season.

VI. Utility Verification

- A. The contractor shall contact the local utility companies for verification of the location of all underground utility lines in the area of the work. The contractor shall be responsible for all damage resulting from neglect or failure to comply with this requirement.

Part 2. Materials

I. Plants

- A. Plants shall be true to species and variety specified and nursery-grown in accordance with good horticultural practices under climatic conditions similar to those in the locality of the project for at least two years. They shall have been freshly dug.
 - 1. All plant names and descriptions shall be as defined in Hortus Third.
 - 2. All plants shall be grown and harvested in accordance with the American Standard for Nursery Stock and Florida Department of Agriculture Grades and Standards for Nursery Plants.
 - 3. Unless approved by the landscape architect, plants shall have been grown at a latitude not more than 325 km (200 miles) north or south of the latitude of the project unless the provenance of the plant can be documented to be compatible with the latitude and cold hardiness zone of the planting location.
- B. Unless specifically noted, all plants shall be exceptionally heavy, symmetrical, and so trained or favored in development and appearance as to be unquestionably and outstandingly superior in form, compactness, and symmetry. They shall be sound, healthy, vigorous, well branched, and densely foliated when in leaf; free of disease and insects, eggs, or larvae; and shall have healthy, well-developed root systems. They shall be free from physical damage or other conditions that would prevent vigorous growth.
 - 1. Trees with multiple leaders, unless specified, will be rejected. Trees with a damaged or crooked leader, bark abrasions, sunscald, disfiguring knots, insect damage, or cuts of limbs over 20 mm (3/4 in.) in diameter that are not completely closed will be rejected.
- C. Plants shall conform to the measurements specified, except that plants larger than those specified may be used if approved by the landscape architect. Use of larger plants shall not increase the contract price. If larger plants are approved, the root ball shall be increased in proportion to the size of the plant.
 - 1. Caliper measurements shall be taken on the trunk 150 mm (6 in.) above the natural ground line for trees up to and including 100 mm (4 in.) in caliper, and 300 mm (12 in.) above the natural ground line for trees over 100 mm (4 in.) in caliper. Height and spread dimensions specified refer to the main body of the plant and not from branch tip to branch tip. Plants shall be measured when branches are in their normal position. If a range of sizes is given, no plant shall be less than the minimum size, and no less than 50 percent of the plants shall be as large as the maximum size specified. Measurements specified are minimum sizes acceptable after pruning, where pruning is required. Plants that meet measurements but do not possess a standard relationship between height and spread, according to the Florida Department of Agriculture Grades and Standards for Nursery Plants, shall be rejected.
- D. Substitutions of plant materials will not be permitted unless authorized in writing by the landscape architect. If proof is submitted in writing that a plant specified is not obtainable, consideration will be given to the nearest available size or similar variety, with a corresponding adjustment of the contract price.
- E. The plant schedule provided at the end of this section, or on the drawing, is for the contractor's information only, and no guarantee is expressed or implied that quantities therein are correct or that the list is complete. The contractor shall ensure that all plant materials shown on the drawings are included in his or her bid.
- F. All plants shall be labeled by plant name. Labels shall be attached securely to all plants, bundles, and containers of plant materials when delivered. Plant labels shall be durable and legible, with information given in weather-resistant ink or embossed process lettering.
- G. Selection and Tagging
 - 1. Plants shall be subject to inspection for conformity to specification requirements and approval by the landscape architect at their place of growth and upon delivery. Such approval shall not impair the right of inspection and rejection during progress of the work.
 - 2. A written request for the inspection of plant material at their place of growth shall be submitted to the landscape architect at least ten calendar days prior to digging. This request shall state the place of growth and the quantity of plants to be inspected. The landscape architect may refuse inspection at this time if, in his or her judgment, sufficient quantities of plants are not available for inspection or landscape architect deems inspection is not required.
- H. Anti-Desiccants
 - 1. Anti-desiccants, if specified, are to be applied to plants in full leaf immediately before digging or as required by the landscape architect. Anti-desiccants are to be sprayed so that all leaves and branches are covered with a continuous protective film.
- I. Balled and Burlapped (B&B) Plant Materials
 - 1. Trees designated B&B shall be properly dug with firm, natural balls of soil retaining as many fibrous roots as possible, in sizes and shapes as specified in the Florida Department of Agriculture Grades and Standards for Nursery Plants. Balls shall be firmly wrapped with synthetic, natural, or treated burlap, and/or wire. All synthetic fabric should be removed from the rootball prior to planting. True biodegradable burlap can be left around the root ball. The root collar shall be apparent at surface of ball. Trees with loose, broken, processed, or manufactured root balls will not be accepted, except with special written approval before planting.
- J. Container Plants
 - 1. Plants grown in containers shall be of appropriate size for the container as specified in the most recent edition of the Florida Department of Agriculture Grades and Standards for Nursery Plants and be free of circling roots on the exterior and interior of the root ball.
 - 2. Container plants shall have been grown in the container long enough to have established roots throughout the growing medium.
- K. Bareroot and Collected Plants
 - 1. Plants designated as bareroot or collected plants shall conform to the American Standard for Nursery Stock.
 - 2. Bareroot material shall not be dug or installed after bud break or before dormancy.
 - 3. Collected plant material that has not been taken from active nursery operations shall be dug with a root ball spread at least 1/3 greater than nursery grown plants. When specified or approved, shall be in good health, free from disease, insect or weed infestation and shall not be planted before inspection and acceptance at the site. Testing may be required at the discretion of the Landscape Architect and/or the Owner and shall be provided at no additional cost.
- L. Specimen Material: Plant material specified as specimens are to be approved by the Landscape Architect before being brought to the site. Unless otherwise noted on the drawings, these plants shall be Florida Fancy.

Item #7.

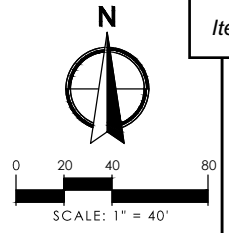
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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411



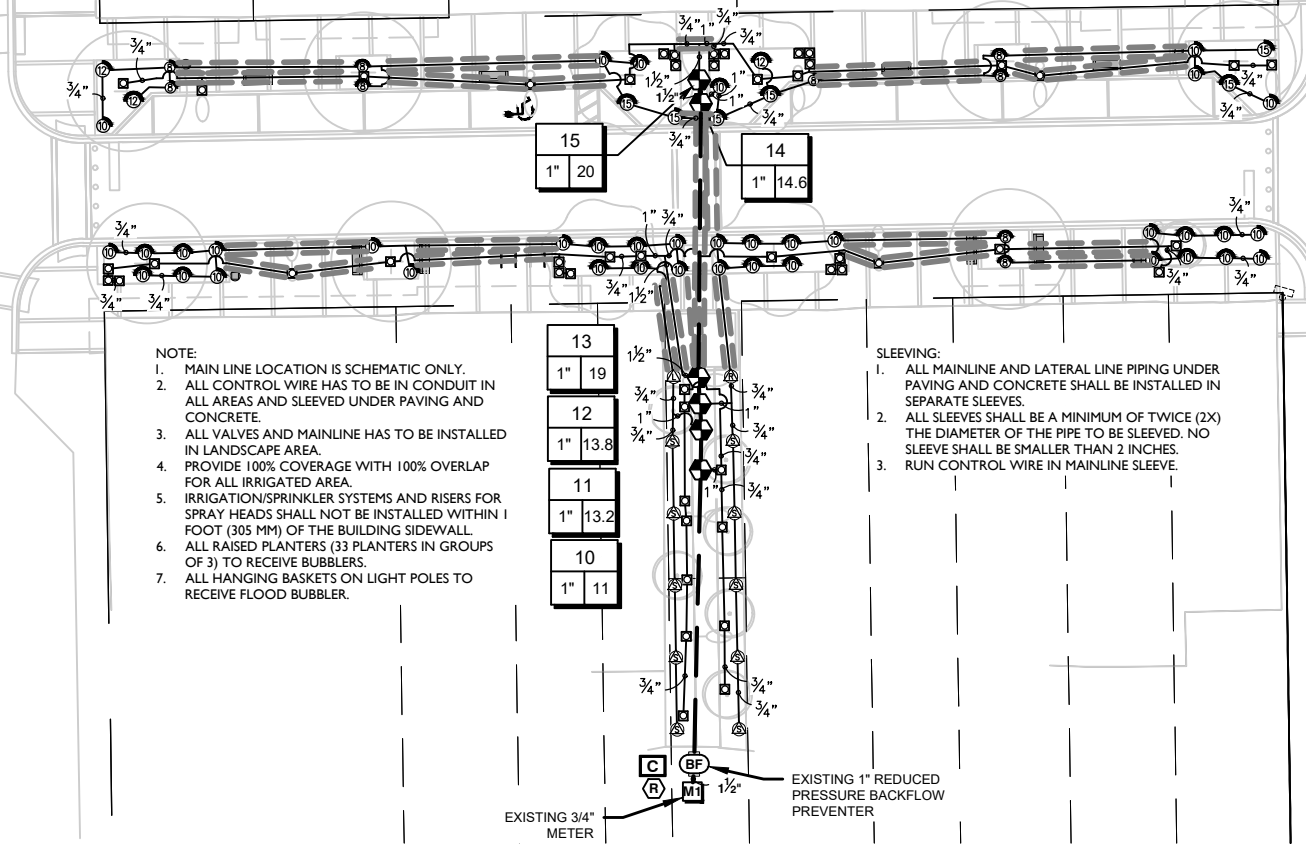
SHEET TITLE:	LANDSCAPE NOTES	REF. DWG. NO.
PROJECT NAME:	WALNUT STREET	SHEET
		LP--



PALMETTO AVE.

N ORANGE AVE.

MATCHLINE 13+50.00



- NOTE:
1. MAIN LINE LOCATION IS SCHEMATIC ONLY.
 2. ALL CONTROL WIRE HAS TO BE IN CONDUIT IN ALL AREAS AND SLEEVED UNDER PAVING AND CONCRETE.
 3. ALL VALVES AND MAINLINE HAS TO BE INSTALLED IN LANDSCAPE AREA.
 4. PROVIDE 100% COVERAGE WITH 100% OVERLAP FOR ALL IRRIGATED AREA.
 5. IRRIGATION/SPRINKLER SYSTEMS AND RISERS FOR SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1 FOOT (305 MM) OF THE BUILDING SIDEWALL.
 6. ALL RAISED PLANTERS (33 PLANTERS IN GROUPS OF 3) TO RECEIVE BUBBLERS.
 7. ALL HANGING BASKETS ON LIGHT POLES TO RECEIVE FLOOD BUBBLER.

- SLEEVING:
1. ALL MAINLINE AND LATERAL LINE PIPING UNDER PAVING AND CONCRETE SHALL BE INSTALLED IN SEPARATE SLEEVES.
 2. ALL SLEEVES SHALL BE A MINIMUM OF TWICE (2X) THE DIAMETER OF THE PIPE TO BE SLEEVED. NO SLEEVE SHALL BE SMALLER THAN 2 INCHES.
 3. RUN CONTROL WIRE IN MAINLINE SLEEVE.

15	1"	20
14	1"	14.6
13	1"	19
12	1"	13.8
11	1"	13.2
10	1"	11

EXISTING 3/4" METER

EXISTING 1" REDUCED PRESSURE BACKFLOW PREVENTER

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

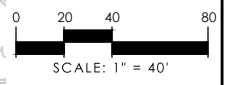
ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411



PREPARED FOR
CITY OF
GREEN COVE SPRINGS

SHEET TITLE:	IRRIGATION PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	
		IP-1	

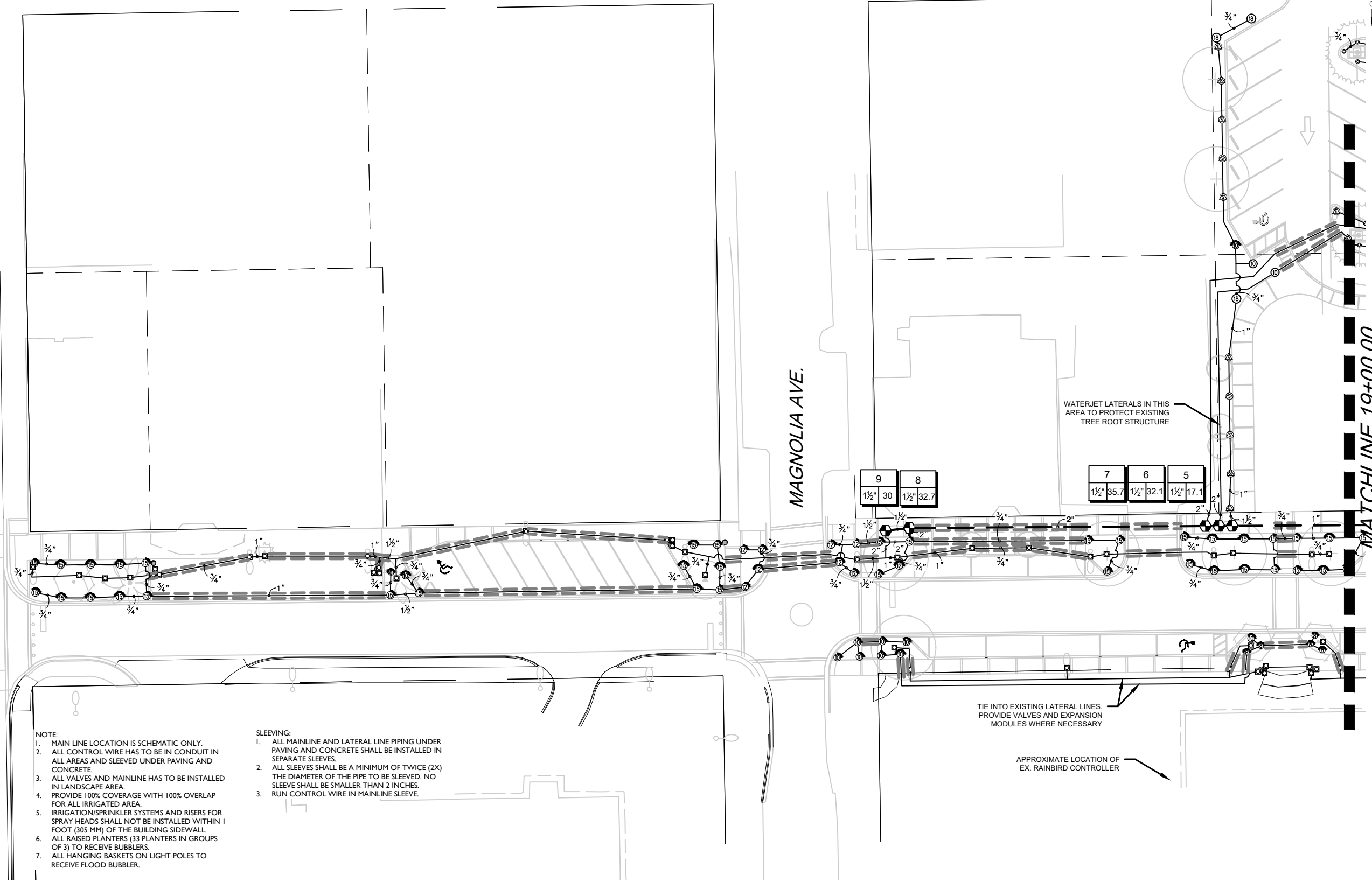
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MATCHLINE 13+50.00
N ORANGE AVE.

MAGNOLIA AVE.

MATCHLINE 19+00.00



NOTE:

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SLEEVING:

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REVISIONS

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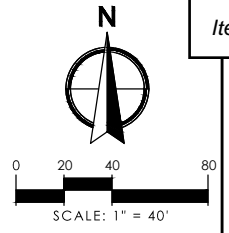
ANGELA BIAGI
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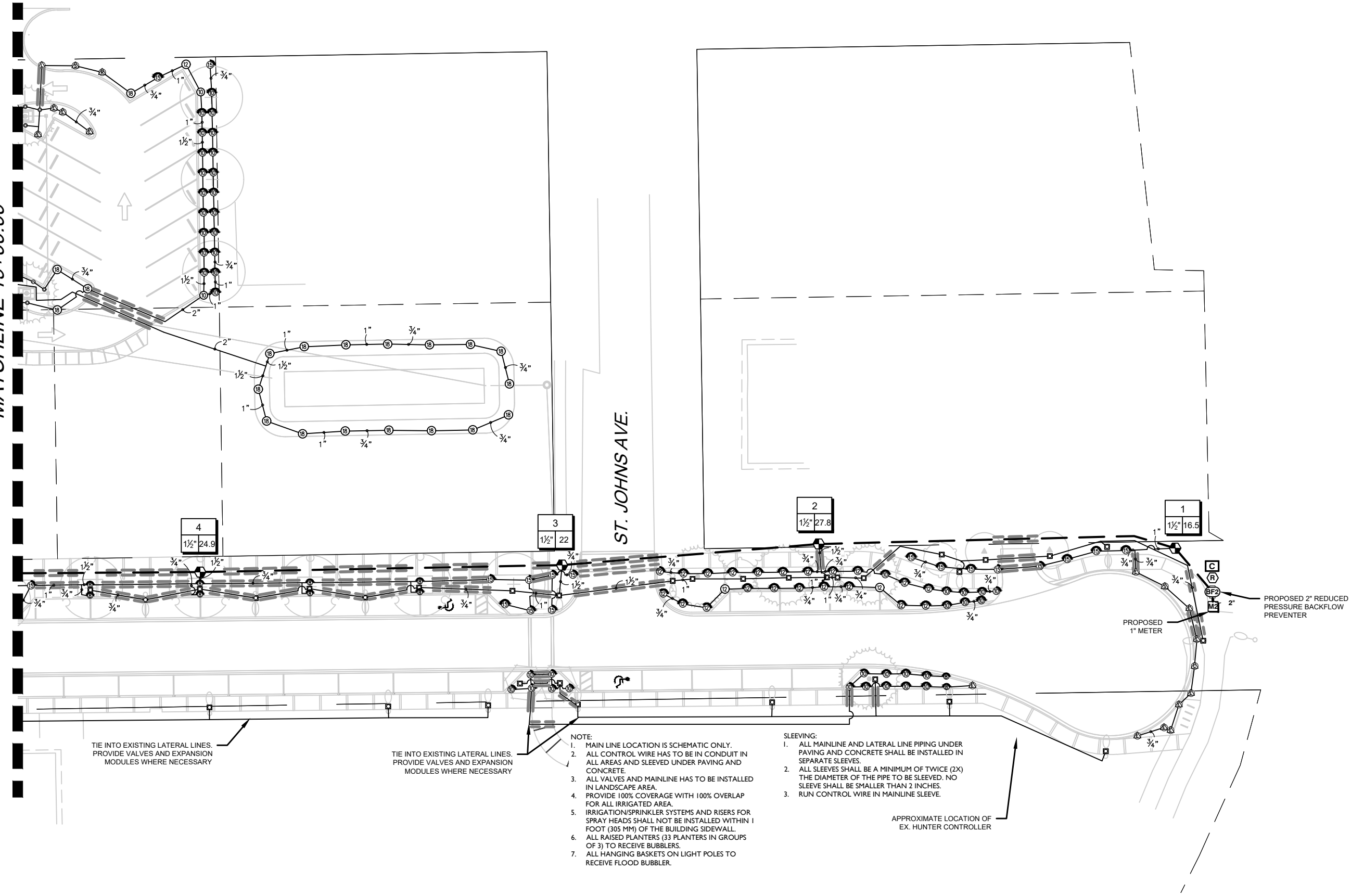
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PROJECT NAME: WALNUT STREET	SHEET IP-1

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MATCHLINE 19+00.00

ST. JOHNS AVE.



TIE INTO EXISTING LATERAL LINES. PROVIDE VALVES AND EXPANSION MODULES WHERE NECESSARY

TIE INTO EXISTING LATERAL LINES. PROVIDE VALVES AND EXPANSION MODULES WHERE NECESSARY

- NOTE:
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 3. RUN CONTROL WIRE IN MAINLINE SLEEVE.

APPROXIMATE LOCATION OF EX. HUNTER CONTROLLER

PROPOSED 1" METER

PROPOSED 2" REDUCED PRESSURE BACKFLOW PREVENTER

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

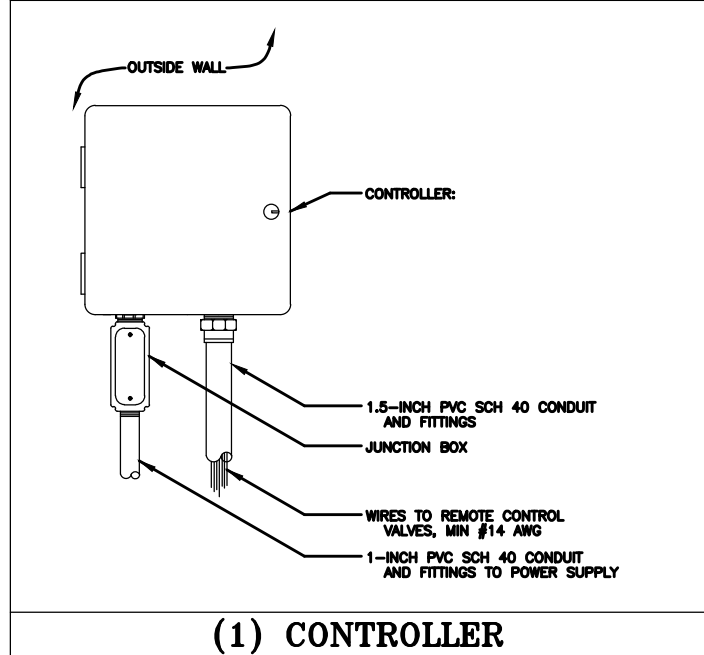
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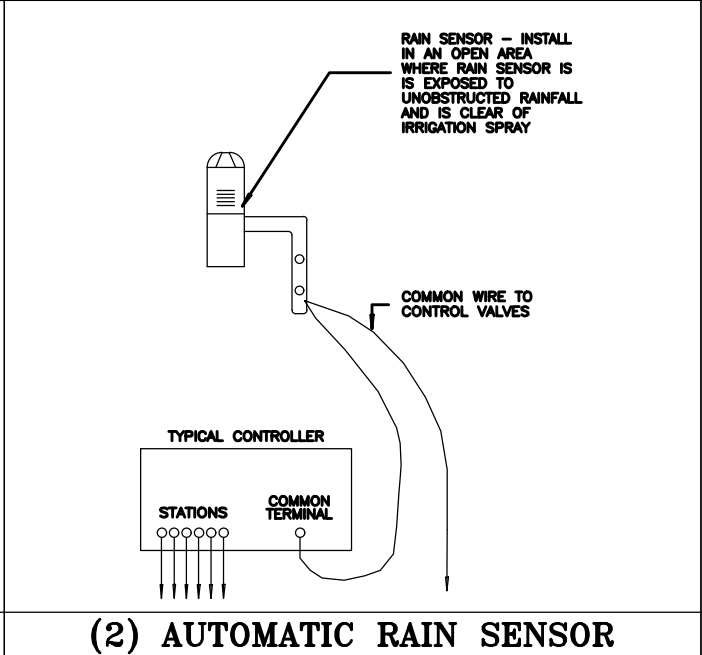
PREPARED FOR
CITY OF
GREEN COVE SPRINGS

SHEET TITLE: IRRIGATION PLANS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET IP-1

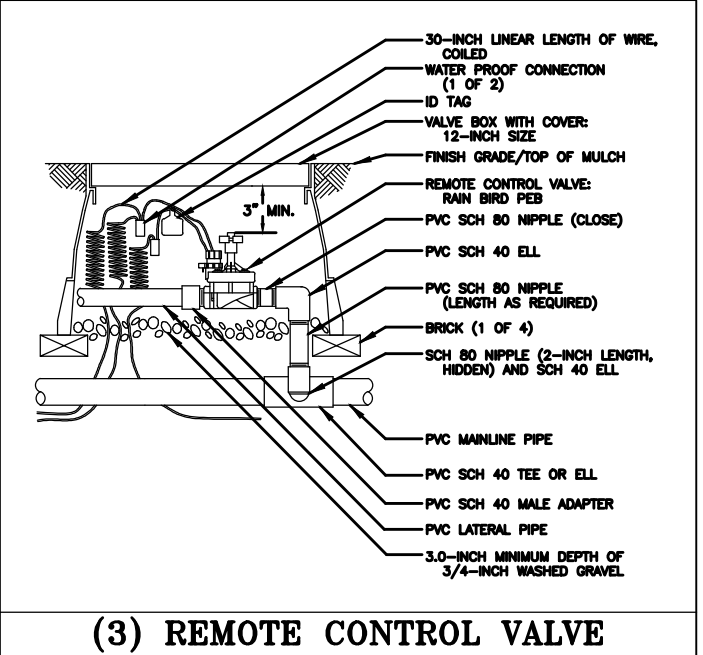
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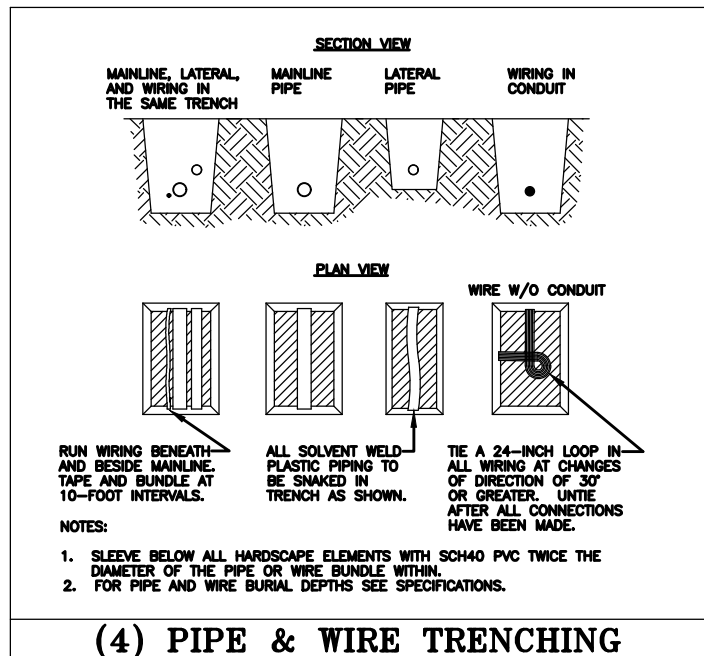
(1) CONTROLLER



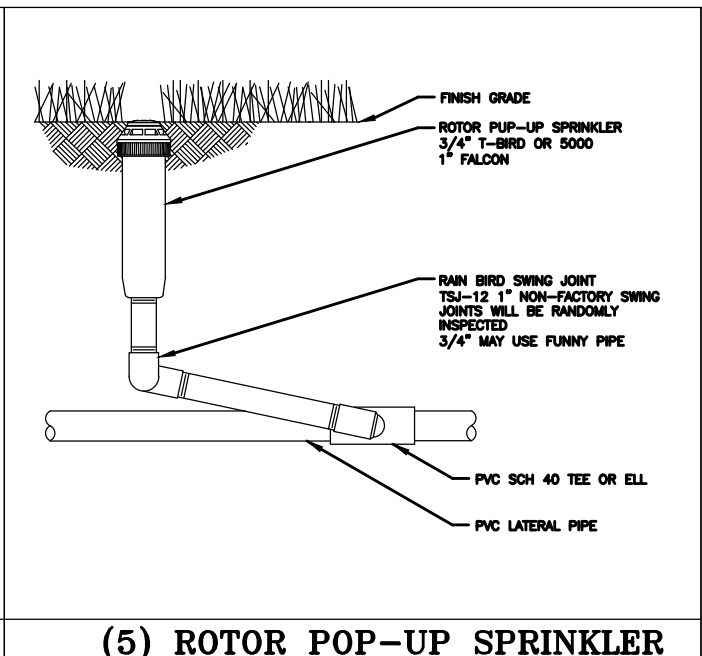
(2) AUTOMATIC RAIN SENSOR



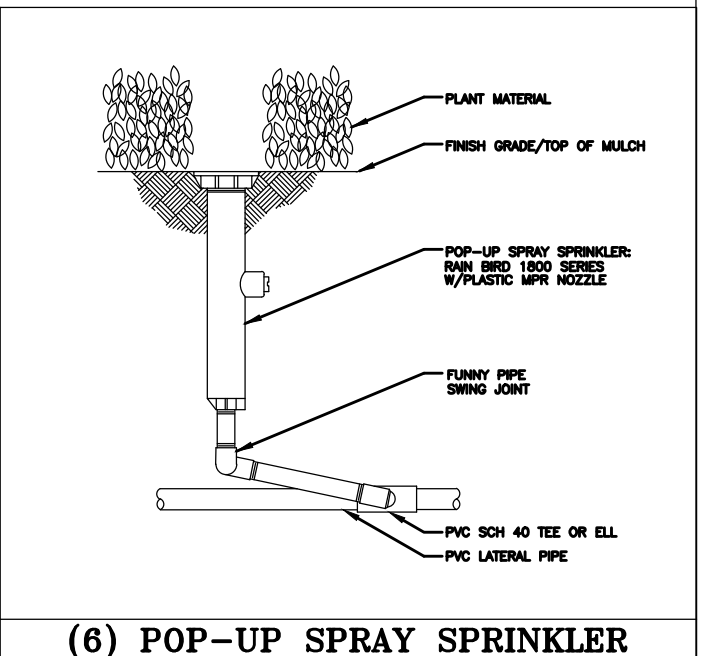
(3) REMOTE CONTROL VALVE



(4) PIPE & WIRE TRENCHING



(5) ROTOR POP-UP SPRINKLER



(6) POP-UP SPRAY SPRINKLER

- CONTRACTOR MUST COMPLY WITH FLORIDA BUILDING CODE AMENDED APPENDIX F:
- NO PRODUCT SUBSTITUTIONS OR CHANGES WILL BE ALLOWED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER AND THE IRRIGATION CONSULTANT.
- GENERAL NOTES**
- All mainline, lateral line and control wire conduit under paving shall be installed in separate sleeves. Sleeves shall be a minimum of twice (2X) the diameter of the pipe to be sleeved.
 - Pipe sizes shall conform to those shown on the drawings. No substitutions of smaller pipe sizes shall be permitted, but substitutions of larger sizes may be approved. All damaged and rejected pipe shall be removed from the site at the time of said rejection.
 - Install all backflow prevention devices and all piping between the point of connection and the backflow preventer as per local codes.
 - Final location of the backflow preventer and automatic controller shall be approved by the owner's authorized representative.
 - 120 VAC electrical power source at controller location shall be provided by others. The electrical contractor shall make the final connection from the electrical source to the controller.
 - All sprinkler heads shall be set perpendicular to finish grade unless otherwise specified.
 - The irrigation contractor shall flush and adjust all sprinkler heads and valves for optimum spray with minimal overspray onto walks, streets, walls, etc.
 - This design is diagrammatic. All piping, valves, etc., shown within paved areas is for design clarification only and shall be installed in planting areas wherever possible. The contractor shall locate all valves in shrub areas where possible.
 - It is the responsibility of the irrigation contractor to familiarize himself with all grade differences, location of walls, retaining walls, structures and utilities. The irrigation contractor shall repair or replace all items damaged by his work. He shall coordinate his work with other contractors for the location and installation of pipe sleeves through walls, under roadways and paving, etc.
 - Do not willingly install the sprinkler system as shown on the drawings when it is obvious in the field that unknown obstructions, grade differences or differences in the area dimensions exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the owner's authorized representative. In the event this notification is not performed, the irrigation contractor shall assume full responsibility for any revisions necessary.
 - All sprinkler equipment not otherwise detailed or specified shall be installed as per manufacturer's recommendations and specifications.
 - The irrigation contractor shall install check valves on all heads in areas where finish grade exceeds 4:1, where post valve shut-off draining, of the irrigation head occurs or as directed by the owner's authorized representative.
 - The contractor shall provide 1800 PCS (pressure compensating screens) as necessary to reduce or eliminate overspray onto streets, walks or other areas as directed by the owner's authorized representative.
 - All remote control valves, gate valves, quick couplers, control wire and computer cable pull points shall be installed in approved valves boxes with covers. All shall be marked indicating controller and station numbers for control valve boxes and/or titled in the equipment legend with 1" white heat braided letters.
 - All control wires shall be installed in PVC conduit, min #14 AWG.
 - Installer is required to conduct final testing and adjustment to achieve design specification prior to completion of the system and acceptance by the owner or owner's representative.
 - Contractor to provide owner with post construction documentation, including as-built drawings, recommended maintenance schedules and activities, operational schedule, design precipitation rates, system adjusting methods for decreasing water once landscape is established, water source and shutoff method and all operational guides for controller.
 - A map of the system shall be kept in a readily available location with details for operation.
 - If the water supply for irrigation system is a well water, a constant pressure flow control device of pressure tank is required to minimize pump "cycling".
 - Check valves must be installed at irrigation heads as needed to prevent low head drainage and puddling.
 - Nozzle precipitation rates for all heads within each valve circuit must be matched to within 20% of one another.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
IRRIGATION NOTES AND DETAILS

PROJECT NAME:
WALNUT STREET

REF. DWG. NO.

SHEET
IP-5

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Depth of coverage per Florida Building Code amended appendix F

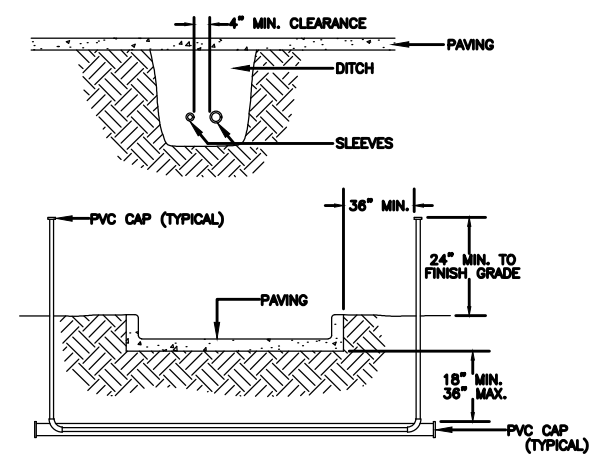
FOR NONTRAFFIC AND NONCULTIVATED AREAS:

Pipe Diameter	Minimum depth of Cover
1/2" through 1 1/4"	6" - 12"
1 1/2" through 2"	12" - 18"
2 1/2" through 3"	18" - 24"
6" and larger	24" - 36"

FOR VEHICLE TRAFFIC AREAS:

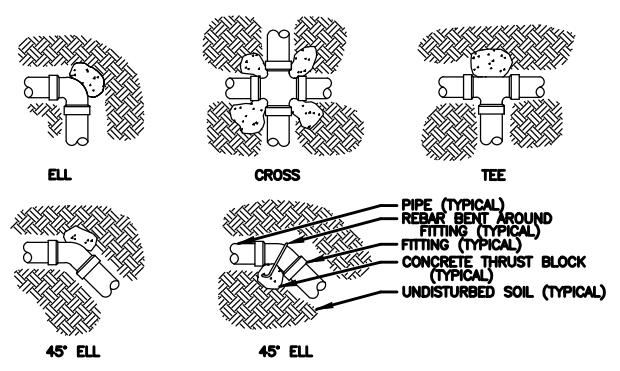
Pipe Diameter	Minimum depth of Cover
1/2" through 2 1/2"	18" - 24"
3" through 5"	24" - 30"
6" and larger	30" - 36"

(7) DEPTH OF COVERAGE



- NOTES:
 1. ALL PVC IRRIGATION SLEEVES TO BE SCH40 PIPE.
 2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.
 3. WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND THE SMALLER SLEEVE TO 24-INCHES MINIMUM ABOVE FINISH GRADE.
 4. MECHANICALLY TAMP TO 95% PROCTOR.

(8) SLEEVING



- NOTES:
 1. SUPPLY LINES 3-INCHES IN DIAMETER AND LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
 2. SEE SPECIFICATIONS FOR AMOUNT OF CONCRETE TO BE USED FOR THRUST BLOCK.

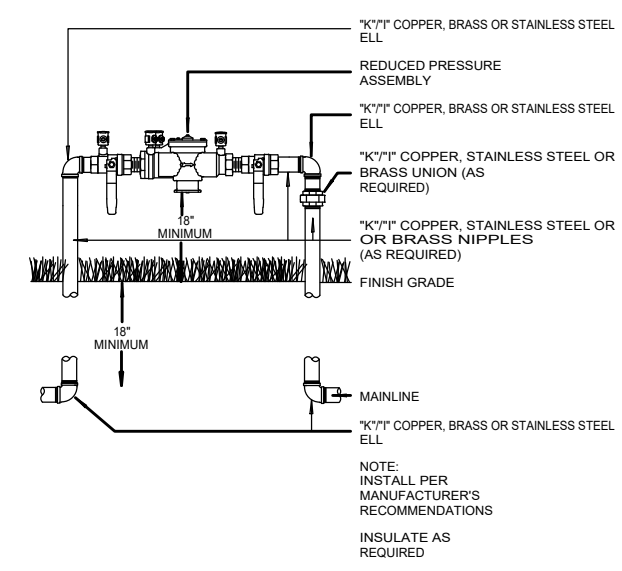
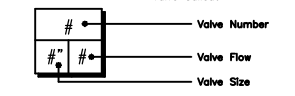
(9) THRUST BLOCKS

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊙ 20 2H 2F 4Q 4H 4F	Rain Bird 1812 SQ Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	8
⊙ EST LCS RCS CST SST	Rain Bird 1812 15 Strip Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	42
⊙ Q T H F	Rain Bird 1812 8 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	25
⊙ Q T H F	Rain Bird 1812 10 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	91
⊙ Q T H TQ F	Rain Bird 1812 12 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	33
⊙ Q T H TQ F	Rain Bird 1812 15 Series MPR Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	61
⊙ 4V 8V 18V	Rain Bird 1812 ADJ Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	23
⊙ 88HE-WAN 12HE-WAN 10HE-WAN 15HE-WAN	Rain Bird 1812 HE-VAN Series Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet.	7
⊙ 1401 1402 1404 1408	Rain Bird 1812-1400 Flood 1401 Flood Bubbler 12.0" pop-up.	125

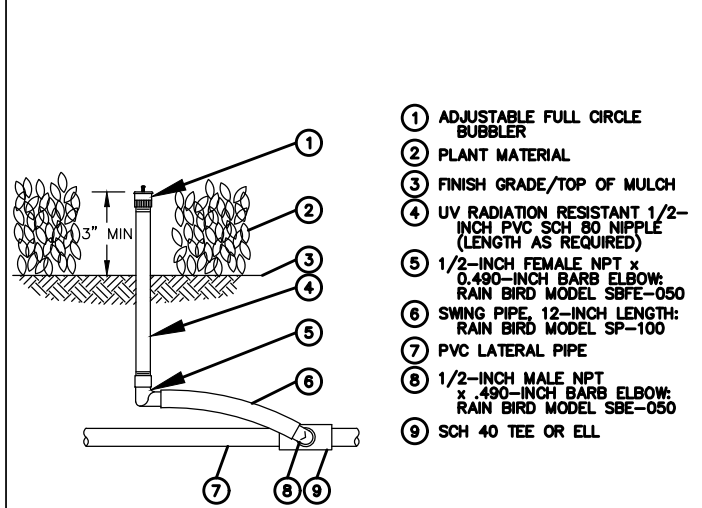
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊙	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.	15
⊙ BF	Watts U009 1" Existing Reduced Pressure Backflow Preventer	1
⊙ BF2	Watts U009 2" Reduced Pressure Backflow Preventer	1
⊙ C	Rain Bird ESP-TM2 12 Station Outdoor Smart Modular Control System for Residential and Light Commercial Use.	2
⊙ R	Rain Bird RSD-CeX Rain Sensing Device, conduit mount. With threaded adapter, extension wire.	2
⊙ M2	Water Meter 1"	1
⊙ M1	Water Meter 3/4" Existing	1
—	Irrigation Lateral Line: PVC Class 160 SDR 26	6,844 l.f.
—	Irrigation Mainline: PVC Schedule 40	821.0 l.f.
—	Pipe Sleeve: PVC Schedule 40	2,211 l.f.

Valve Callout



NOTE:
 INSTALL PER MANUFACTURER'S RECOMMENDATIONS
 INSULATE AS REQUIRED

(10) BACKFLOW BRP



(11) FULL CIRCLE BUBBLERS

WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	Rain Bird PEB	Shrub Spray	1.05 in/h	1	58	957	319
2	Rain Bird PEB	Shrub Spray	1.75 in/h	1	35	972	324
3	Rain Bird PEB	Bubbler	3.43 in/h	2	35	770	257
4	Rain Bird PEB	Shrub Spray	1.32 in/h	1	46	1,144	381
5	Rain Bird PEB	Shrub Spray	0.95 in/h	1	63	1,078	359
6	Rain Bird PEB	Shrub Spray	1.39 in/h	1	44	1,412	471
7	Rain Bird PEB	Shrub Spray	0.96 in/h	1	63	2,247	749
8	Rain Bird PEB	Shrub Spray	1.46 in/h	1	42	1,371	457
9	Rain Bird PEB	Bubbler	3.86 in/h	2	32	960	320
10	Rain Bird PEB	Bubbler	3.56 in/h	2	34	374	125
11	Rain Bird PEB	Shrub Spray	1.5 in/h	1	40	530	177
12	Rain Bird PEB	Shrub Spray	1.51 in/h	1	40	550	183
13	Rain Bird PEB	Bubbler	4.12 in/h	2	30	570	190
14	Rain Bird PEB	Shrub Spray	1.25 in/h	1	48	703	234
15	Rain Bird PEB	Bubbler	4.16 in/h	2	29	580	193
TOTALS:					639	14,217	4,739

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PEB	1-1/2"	Shrub Spray	16.5	30.6	26.1	40.7	1.05 in/h
2	Rain Bird PEB	1-1/2"	Shrub Spray	27.76	174.0	24.7	43.4	1.75 in/h
3	Rain Bird PEB	1-1/2"	Bubbler	22	277.1	26.4	43.4	3.43 in/h
4	Rain Bird PEB	1-1/2"	Shrub Spray	24.86	422.0	26.9	45.9	1.32 in/h
5	Rain Bird PEB	1-1/2"	Shrub Spray	17.12	540.4	33.8	49.9	0.95 in/h
6	Rain Bird PEB	1-1/2"	Shrub Spray	32.09	545.6	26.6	50.5	1.39 in/h
7	Rain Bird PEB	1-1/2"	Shrub Spray	35.67	550.8	33.0	59.5	0.96 in/h
8	Rain Bird PEB	1-1/2"	Shrub Spray	32.65	665.2	27.5	52.9	1.46 in/h
9	Rain Bird PEB	1-1/2"	Bubbler	30	674.5	26.5	50.2	3.86 in/h
10	Rain Bird PEB	1"	Bubbler	11	75.7	23.0	37.5	3.56 in/h
11	Rain Bird PEB	1"	Shrub Spray	13.24	84.0	24.5	39.5	1.5 in/h
12	Rain Bird PEB	1"	Shrub Spray	13.75	89.5	24.7	39.8	1.51 in/h
13	Rain Bird PEB	1"	Bubbler	19	95.0	25.0	42.2	4.12 in/h
14	Rain Bird PEB	1"	Shrub Spray	14.64	152.1	23.7	39.5	1.25 in/h
15	Rain Bird PEB	1"	Bubbler	20	157.0	24.4	42.7	4.16 in/h
Common Wire					821.0			

REVISIONS					
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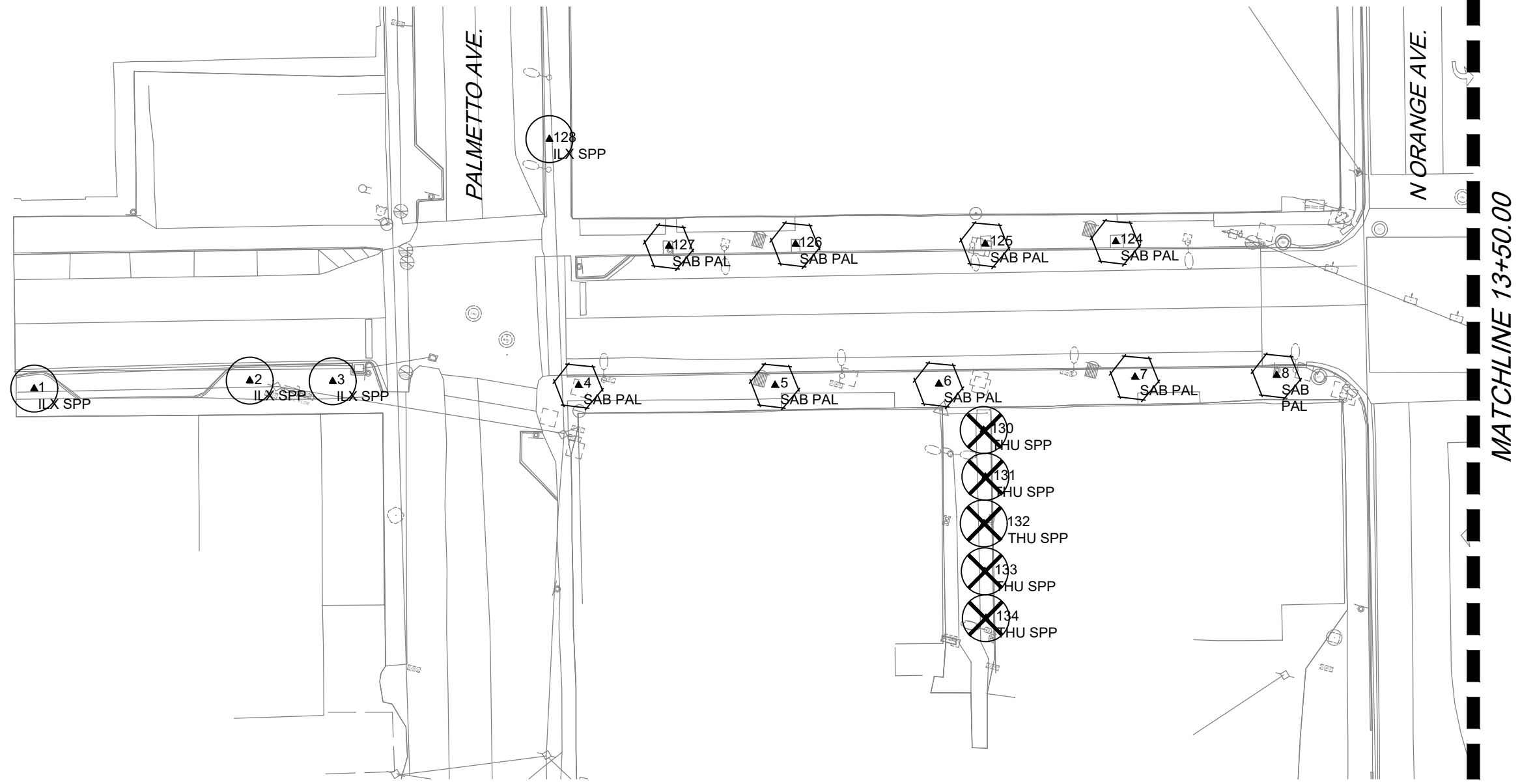
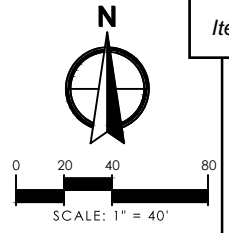
ANGELA BIAGI
 L.A. NO. 6666787
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 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411



PREPARED FOR
 CITY OF
 GREEN COVE SPRINGS

SHEET TITLE: IRRIGATION NOTES AND DETAILS	REF. DWG. NO.
PROJECT NAME: WALNUT STREET	SHEET IP-5

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LEGEND	
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE RELOCATED
	EXISTING TREE TO REMOVE

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
 L.A. NO. 6666787
 WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411

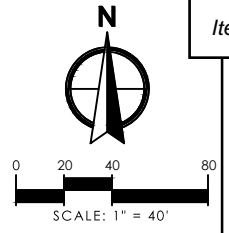
PREPARED FOR

 CITY OF
 GREEN COVE SPRINGS




SHEET TITLE:
TREE DISPOSITION PLANS

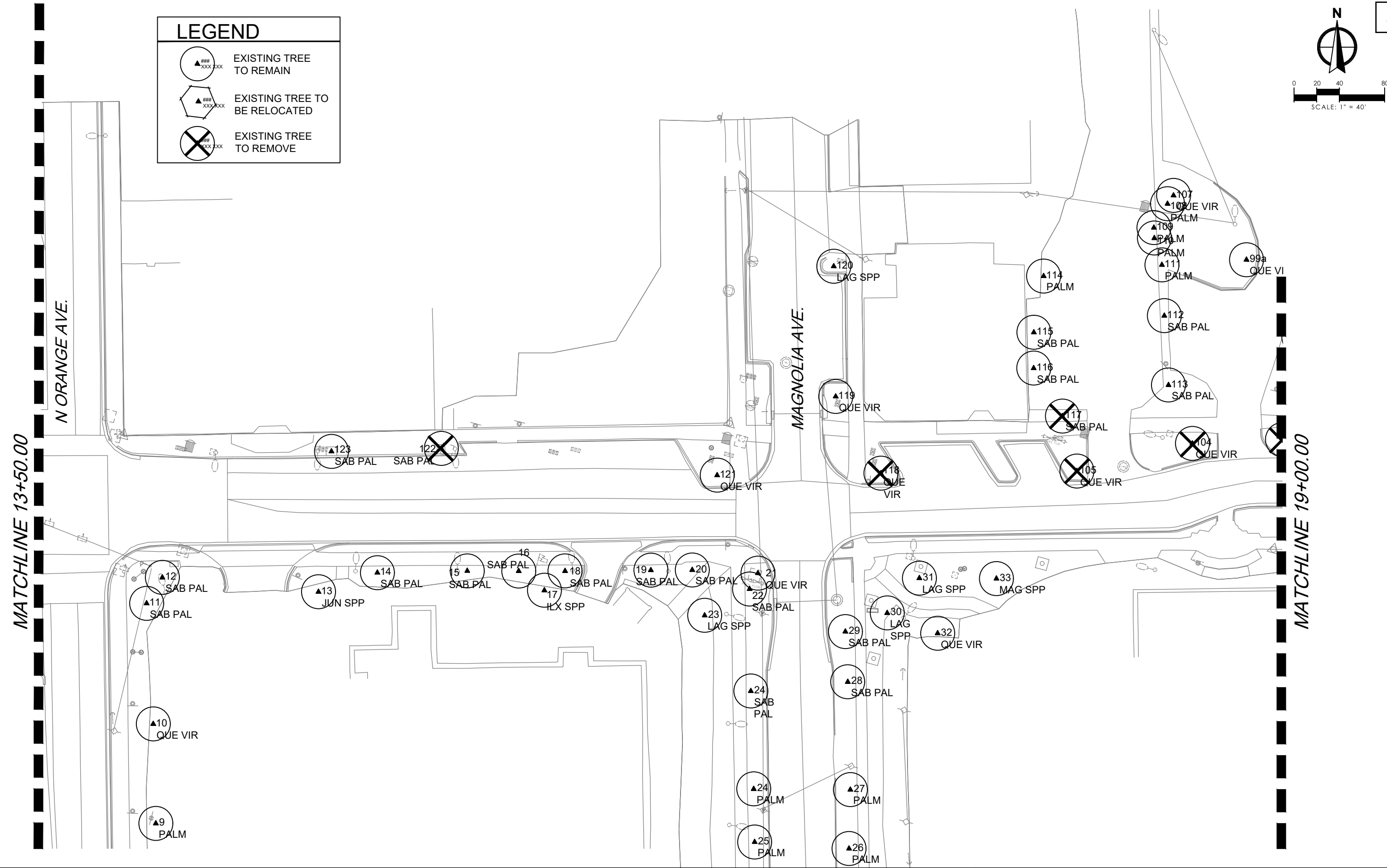
PROJECT NAME:
WALNUT STREET

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LEGEND

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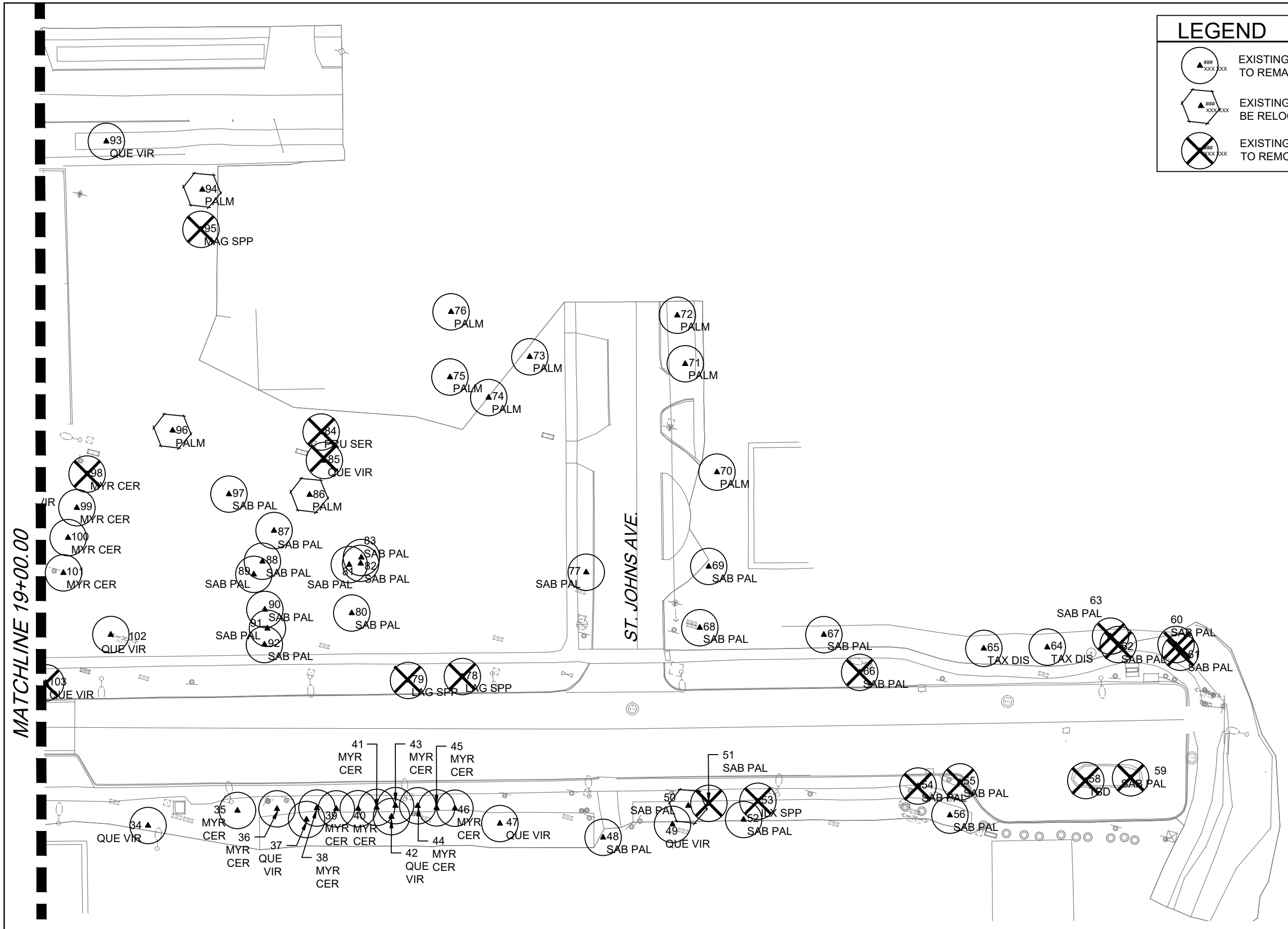
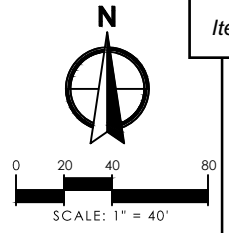
PREPARED FOR
 CITY OF GREEN COVE SPRINGS

SHEET TITLE: TREE DISPOSITION PLANS
 PROJECT NAME: WALNUT STREET
 REF. DWG. NO.:
 SHEET: TD-
 Page 132

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LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE RELOCATED
- EXISTING TREE TO REMOVE



MATCHLINE 19+00.00

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ANGELA BIAGI
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 WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411



PREPARED FOR
 CITY OF
 GREEN COVE SPRINGS

SHEET TITLE:	TREE DISPOSITION PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	
		TD-	Page 133

TREE INVENTORY LIST							
Tag #	Common Name	Scientific Name	Caliper (DBH)*	Spread (sq-ft)	Condition Rating	Disposition	Notes
1	Holly	<i>Ilex x spp.</i>	6"	N/A	N/A	PRESERVE	
2	Holly	<i>Ilex x spp.</i>	5"	N/A	N/A	PRESERVE	
3	Holly	<i>Ilex x spp.</i>	5"	N/A	N/A	PRESERVE	
4	Cabbage Palmetto	<i>Sabal palmetto</i>	14"	N/A	N/A	RELOCATE	
5	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	RELOCATE	
6	Cabbage Palmetto	<i>Sabal palmetto</i>	9"	N/A	N/A	RELOCATE	
7	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	RELOCATE	
8	Cabbage Palmetto	<i>Sabal palmetto</i>	8"	N/A	N/A	RELOCATE	
9	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
10	Live Oak	<i>Quercus virginiana</i>	18"	N/A	N/A	PRESERVE	
11	Cabbage Palmetto	<i>Sabal palmetto</i>	N/A	N/A	N/A	PRESERVE	
12	Cabbage Palmetto	<i>Sabal palmetto</i>	N/A	N/A	N/A	PRESERVE	
13	Cedar	<i>Juniperus x spp.</i>	15"	N/A	N/A	PRESERVE	
14	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	PRESERVE	
15	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	PRESERVE	
16	Cabbage Palmetto	<i>Sabal palmetto</i>	16"	N/A	N/A	PRESERVE	
17	Holly	<i>Ilex x spp.</i>	N/A	N/A	N/A	PRESERVE	
18	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
19	Cabbage Palmetto	<i>Sabal palmetto</i>	14"	N/A	N/A	PRESERVE	
20	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
21	Live Oak	<i>Quercus virginiana</i>	N/A	N/A	N/A	PRESERVE	
22	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	PRESERVE	
23	Crepe Myrtle	<i>Lagerstroemia spp.</i>	16"	N/A	N/A	PRESERVE	
24	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	PRESERVE	
25	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
26	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
27	Cabbage Palmetto	<i>Sabal palmetto</i>	8"	N/A	N/A	PRESERVE	
28	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	PRESERVE	
29	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
30	Crepe Myrtle	<i>Lagerstroemia spp.</i>	3"	N/A	N/A	PRESERVE	
31	Crepe Myrtle	<i>Lagerstroemia spp.</i>	N/A	N/A	N/A	PRESERVE	
32	Live Oak	<i>Quercus virginiana</i>	4"	N/A	N/A	PRESERVE	
33	Magnolia	<i>Magnolia x spp.</i>	6"	N/A	N/A	PRESERVE	
34	Live Oak	<i>Quercus virginiana</i>	6"	N/A	N/A	PRESERVE	
35	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
36	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
37	Live Oak	<i>Quercus virginiana</i>	24"	N/A	N/A	PRESERVE	
38	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
39	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
40	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
41	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
42	Live Oak	<i>Quercus virginiana</i>	22"	N/A	N/A	PRESERVE	
43	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
44	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
45	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
46	Privet	<i>Ligustrum japonicum</i>	10"	N/A	N/A	PRESERVE	
47	Live Oak	<i>Quercus virginiana</i>	9"	N/A	N/A	PRESERVE	
48	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
49	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
50	Cabbage Palmetto	<i>Sabal palmetto</i>	22"	N/A	N/A	RELOCATE	

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<p style="text-align: center;">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION							<p>ANGELA BIAGI L.A. NO. 6666787 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411</p>		 <p>PREPARED FOR CITY OF GREEN COVE SPRINGS</p>		<p>SHEET TITLE: TREE DISPOSITION PLANS</p> <p>PROJECT NAME: WALNUT STREET</p>		<p>REF. DWG. NO.</p> <p>SHEET</p> <p>TD-</p>	
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TREE INVENTORY LIST							
Tag #	Common Name	Scientific Name	Caliper (DBH)*	Spread (sq-ft)	Condition Rating	Disposition	Notes
51	Cabbage Palmetto	<i>Sabal palmetto</i>	9"	N/A	N/A	REMOVE	
52	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
53	Holly	<i>Ilex x spp.</i>	10"	N/A	N/A	REMOVE	
54	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	REMOVE	
55	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	REMOVE	
56	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
57	NOT USED						
58	Pecan	<i>Carya x spp.</i>	24"	N/A	N/A	REMOVE	
59	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	REMOVE	
60	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	REMOVE	
61	Cabbage Palmetto	<i>Sabal palmetto</i>	20"	N/A	N/A	REMOVE	
62	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	REMOVE	
63	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	REMOVE	
64	Bald Cypress	<i>Taxodium distichum</i>	23"	N/A	N/A	PRESERVE	
65	Bald Cypress	<i>Taxodium distichum</i>	24"	N/A	N/A	PRESERVE	
66	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	REMOVE	
67	Cabbage Palmetto	<i>Sabal palmetto</i>	7"	N/A	N/A	PRESERVE	
68	Cabbage Palmetto	<i>Sabal palmetto</i>	18"	N/A	N/A	PRESERVE	
69	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
70	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	PRESERVE	
71	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
72	Cabbage Palmetto	<i>Sabal palmetto</i>	8"	N/A	N/A	PRESERVE	
73	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
74	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	PRESERVE	
75	Cabbage Palmetto	<i>Sabal palmetto</i>	16"	N/A	N/A	PRESERVE	
76	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	PRESERVE	
77	Cabbage Palmetto	<i>Sabal palmetto</i>	8"	N/A	N/A	PRESERVE	
78	Crepe Myrtle	<i>Lagerstroemia spp.</i>	8"	N/A	N/A	REMOVE	
79	Crepe Myrtle	<i>Lagerstroemia spp.</i>	8"	N/A	N/A	REMOVE	
80	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
81	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
82	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
83	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
84	Black Cherry	<i>Prunus serotina</i>	10"	N/A	N/A	REMOVE	
85	Live Oak	<i>Quercus virginiana</i>	24"	N/A	N/A	REMOVE	
86	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	RELOCATE	
87	Cabbage Palmetto	<i>Sabal palmetto</i>	N/A	N/A	N/A	PRESERVE	
88	Cabbage Palmetto	<i>Sabal palmetto</i>	14"	N/A	N/A	PRESERVE	
89	Cabbage Palmetto	<i>Sabal palmetto</i>	14"	N/A	N/A	PRESERVE	
90	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
91	Cabbage Palmetto	<i>Sabal palmetto</i>	15"	N/A	N/A	PRESERVE	
92	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	PRESERVE	
93	Live Oak	<i>Quercus virginiana</i>	33"	N/A	N/A	PRESERVE	
94	Cabbage Palmetto	<i>Sabal palmetto</i>	20"	N/A	N/A	RELOCATE	
95	Magnolia	<i>Magnolia x spp.</i>	24"	N/A	N/A	REMOVE	
96	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	RELOCATE	
97	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
98	Wax Myrtle	<i>Myrica cerifera</i>	N/A	N/A	N/A	REMOVE	
99	Wax Myrtle	<i>Myrica cerifera</i>	N/A	N/A	N/A	PRESERVE	
100	Wax Myrtle	<i>Myrica cerifera</i>	N/A	N/A	N/A	PRESERVE	

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ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE: **TREE DISPOSITION PLANS**

PROJECT NAME: **WALNUT STREET**

REF. DWG. NO. _____

SHEET _____

TREE INVENTORY LIST							
Tag #	Common Name	Scientific Name	Caliper (DBH)*	Spread (sq-ft)	Condition Rating	Disposition	Notes
99A	Live Oak	<i>Quercus virginiana</i>	36"	N/A	N/A	PRESERVE	
101	Wax Myrtle	<i>Myrica cerifera</i>	N/A	N/A	N/A	PRESERVE	
102	Live Oak	<i>Quercus virginiana</i>	N/A	N/A	N/A	PRESERVE	
103	Live Oak	<i>Quercus virginiana</i>	10"	N/A	N/A	REMOVE	
104	Live Oak	<i>Quercus virginiana</i>	14"	N/A	N/A	REMOVE	
105	Live Oak	<i>Quercus virginiana</i>	12"	N/A	N/A	REMOVE	
106	Live Oak	<i>Quercus virginiana</i>	48"	N/A	N/A	PRESERVE	
107	Live Oak	<i>Quercus virginiana</i>	24"	N/A	N/A	PRESERVE	
108	Cabbage Palmetto	<i>Sabal palmetto</i>	18"	N/A	N/A	PRESERVE	
109	Cabbage Palmetto	<i>Sabal palmetto</i>	18"	N/A	N/A	PRESERVE	
110	Cabbage Palmetto	<i>Sabal palmetto</i>	20"	N/A	N/A	PRESERVE	
111	Cabbage Palmetto	<i>Sabal palmetto</i>	20"	N/A	N/A	PRESERVE	
112	Cabbage Palmetto	<i>Sabal palmetto</i>	18"	N/A	N/A	PRESERVE	
113	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	PRESERVE	
114	Cabbage Palmetto	<i>Sabal palmetto</i>	N/A	N/A	N/A	PRESERVE	
115	Cabbage Palmetto	<i>Sabal palmetto</i>	12"	N/A	N/A	PRESERVE	
116	Cabbage Palmetto	<i>Sabal palmetto</i>	14"	N/A	N/A	PRESERVE	
117	Cabbage Palmetto	<i>Sabal palmetto</i>	13"	N/A	N/A	REMOVE	
118	Live Oak	<i>Quercus virginiana</i>	N/A	N/A	N/A	REMOVE	
119	Live Oak	<i>Quercus virginiana</i>	9"	N/A	N/A	PRESERVE	
120	Crepe Myrtle	<i>Lagerstroemia spp.</i>	9"	N/A	N/A	PRESERVE	
121	Live Oak	<i>Quercus virginiana</i>	14"	N/A	N/A	PRESERVE	
122	Cabbage Palmetto	<i>Sabal palmetto</i>	11"	N/A	N/A	REMOVE	
123	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	PRESERVE	
124	Cabbage Palmetto	<i>Sabal palmetto</i>	8"	N/A	N/A	RELOCATE	
125	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	RELOCATE	
126	Cabbage Palmetto	<i>Sabal palmetto</i>	9"	N/A	N/A	RELOCATE	
127	Cabbage Palmetto	<i>Sabal palmetto</i>	10"	N/A	N/A	RELOCATE	
128	Holly	<i>Ilex x spp.</i>	5"	N/A	N/A	PRESERVE	
129	Holly	<i>Ilex x spp.</i>	8"	N/A	N/A	PRESERVE	
130	Arborvitae	<i>Thuja x spp.</i>	N/A	N/A	N/A	REMOVE	
131	Arborvitae	<i>Thuja x spp.</i>	N/A	N/A	N/A	REMOVE	
132	Arborvitae	<i>Thuja x spp.</i>	N/A	N/A	N/A	REMOVE	
133	Arborvitae	<i>Thuja x spp.</i>	N/A	N/A	N/A	REMOVE	
134	Arborvitae	<i>Thuja x spp.</i>	N/A	N/A	N/A	REMOVE	

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POST TRANSPLANT WATERING TO PROVIDE MOISTURE AND REDUCE ANY EXCESSIVE STRESS DUE TO DESSICATION. WATERING TO BE ADJUSTED ACCORDING TO CONDITIONS AND AT THE SUPERVISION AND DIRECTION OF THE ISA CERTIFIED ARBORIST.

TRANPLANT OPERATIONS TO BE SUPERVISED BY AN ISA CERTIFIED ARBORIST.

WOOD BATTENS FOR SUPPORT. BRACES DO NOT NAIL TO PALM.

WOOD BRACES PROVIDED - A MINIMUM OF THREE - TO BRACE AND SUPPORT PALM. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADD BRACING NECESSARY TO PROVIDE FULL SUPPORT AND CHECK REGULARLY. RE-BRACE AS NEEDED. 4" X 4" AS NEEDED FOR ROYAL PALMS

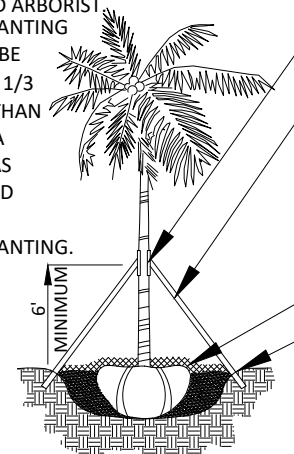
SET THE PALM NO DEEPER THAN ITS ORIGINAL CONDITION

RECYCLED MULCH - 3" DEEP

SAUCER ALL AROUND FOR WATER RETENTION

BACKFILL WITH A MIXTURE OF 50% NATIVE SOIL AND 50% OF 50:50 TOPSOIL: SAND MIXTURE

WATER TO ELIMINATE WATER POCKETS WITH WATER HOSE APPLICATION OF FLOOD WATERING.



PALM TRANSPLANT DETAIL

REF: "THE LANDSCAPE MANUAL" DADE CO. DEPT OF PLANNING & ZONING 2001 N.T.S.

TREE TO BE LIGHTLY PRUNED BY HAND

WORK TO BE SUPERVISED BY AN ISA CERTIFIED ARBORIST OR A COMPANY WITH A CERTIFIED ISA ARBORIST ON STAFF.

ROOT PRUNING MUST BE DONE A MINIMUM OF 8 WEEKS PRIOR TO TRANSPLANTING.

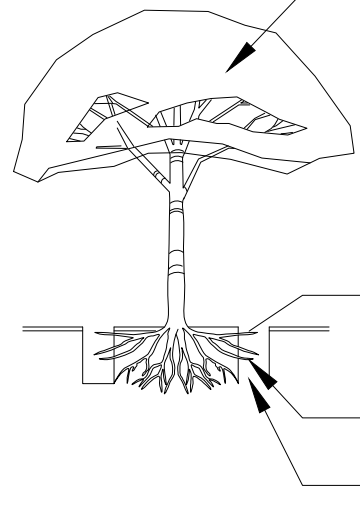
WATERING MUST PROVIDE SUFFICIENT WATER TO MAINTAIN A MOIST CONDITION IN THE ROOTS. ONCE A WEEK OR MORE ACCORDING TO CONDITIONS.

TAKE EXTRA CARE NOT TO DAMAGE THE TRUNK OR BRANCHES

TRENCH TO BE LIGHTLY FILLED WITH FIBROUS MATERIAL SUCH AS LEAVES OR WOOD SHAVINGS. TRENCH SHALL SHARP INSTRUMENTS OR MACHINERY. RIPPING OR TEARING OF THE ROOTS IS STRICTLY PROHIBITED.

ALL TORN ROOTS MUST BE TRIMMED TO SOLID WOOD WITH CLEAN, SHARP INSTRUMENTS.

DEPTH TO BE 18" MIN. TO 36" - VARIES WITH SIZE OF TREE.



ROOT PRUNING DETAIL

NOTES:

- SEE SHEET LANDSCAPE PLANS FOR THE PROPOSED TREE AND PALM LOCATIONS
- THE CONTRACTOR SHALL REMOVE ALL TREES AND HEDGES AS PER PLANS AND AS APPROVED BY THE LOCAL GOVERNING AGENCIES (CITY OF GREEN COVE SPRING). TREE PALM AND HEDGE MATERIAL SHALL INCLUDE ALL TRUNKS, STUMPS, AND ROOTS. ALL EXCESS DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED SITE. ALL HOLES AND DEPRESSIONS SHALL BE BACKFILLED WITH CLEAN APPROVED BACKFILL.
- LOCATIONS SHOWN FOR THE EXISTING TREES AND PALMS ARE APPROXIMATE, EXACT LOCATIONS ARE TO BE FIELD VERIFIED BY A REGISTERED LAND SURVEYOR (RLS) PRIOR TO ANY PAVING OR ANY OTHER SUCH WORK WHICH WILL BE IMPACTED BY ANY OTHER TREES OR PALMS TO REMAIN.
- ALL INVASIVE EXOTIC VEGETATION AND ANY OTHER PLANTS LISTED AS CATEGORY I, ON THE FLORIDA EXOTIC PEST PLANT COUNCIL'S LIST OF FLORIDA'S MOST INVASIVE SPECIES SHALL BE REMOVED FROM THE SITE AND MAINTENANCE SHALL GUARANTEE CONTROL OF RE-INVASION.
- ALL TREES AND PALMS TO BE RELOCATED SHALL BE ROOT PRUNED AND CANOPY PRUNED ACCORDING TO ALL ACCEPTED STANDARDS AS DEFINED BY THE NATIONAL ARBORIST ASSOCIATION, AND ALL PRE AND POST-TRANSPLANT OPERATIONS SHALL BE COORDINATED WITH THE UTMOST CARE TO MINIMIZE DAMAGE AND TRANSPLANT SHOCK. WATERING-IN AND WATERING SCHEDULES SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO RELOCATION.
- ALL TREES AND PALMS TO BE RELOCATED SHALL BE STAKED AND BRACED TO INSURE STABILITY AND MINIMIZE ROOT DAMAGE DURING THE RECUPERATION PERIOD.
- CONTRACTOR SHALL VERIFY WITH THE PROJECT SUPERINTENDENT THE PROPOSED LANDSCAPE AREAS PRIOR TO TREE AND PALM RELOCATION TO ENSURE PROPER RELOCATION AND MINIMIZE ANY FIELD DISCREPANCIES WITH RESPECT TO PROPOSED PAVING, BUILDING, AMENITIES, ABOVE AND BELOW GROUND UTILITIES AND LIMITS OF PROPERTY.
- CONTRACTOR SHALL ESTABLISH AN IRRIGATION SYSTEM TO PROVIDE FOR PRE AND POST-TRANSPLANT IRRIGATION SCHEDULING. TREE AND PALM FERTILIZATION SHALL BE ESTABLISHED CONCURRENTLY WITH IRRIGATION PRE AND POST-FERTILIZATION, THIS PROCEDURE SHALL BE CONDUCTED TO OPTIMIZE PLANT ESTABLISHMENT.
- CONTRACTOR SHALL COORDINATE WITH THE PROJECT SUPERINTENDENT TO PLANT ALL RELOCATED TREES AND PALMS AT THE FINAL GRADE OF SITE.
- SEE "ROOT PRUNING DETAIL" AND "TREE TRANSPLANT DETAIL AS SHOWN ON PLANS.

POST TRANSPLANT WATERING TO PROVIDE MOISTURE AND REDUCE ANY EXCESSIVE STRESS DUE TO DESSICATION. WATERING TO BE ADJUSTED ACCORDING TO CONDITIONS AND AT THE SUPERVISION AND DIRECTION OF THE ISA CERTIFIED ARBORIST.

TRANPLANT OPERATIONS TO BE SUPERVISED BY AN ISA CERTIFIED ARBORIST.

WOOD BATTENS FOR SUPPORT. BRACES DO NOT NAIL TO TREE.

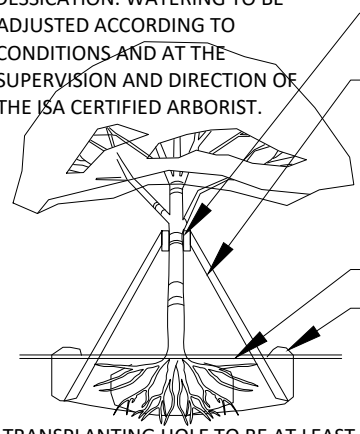
WOOD BRACES PROVIDED - A MINIMUM OF THREE - TO BRACE AND SUPPORT TREE. THE CONTRACTOR SHALL BE RESPONSIBLE TO ADD BRACING NECESSARY TO PROVIDE FULL SUPPORT AND CHECK REGULARLY. RE-BRACE AS NEEDED. 4" X 4" AS NEEDED FOR LARGE OAKS SET THE TREE NO DEEPER THAN ITS ORIGINAL CONDITION

RECYCLED MULCH - 3" DEEP

SAUCER ALL AROUND FOR WATER RETENTION

BACKFILL WITH A MIXTURE OF 50% NATIVE SOIL AND 50% OF 50:50 TOPSOIL: SAND MIXTURE

WATER TO ELIMINATE WATER POCKETS WITH WATER HOSE APPLICATION OF FLOOD WATERING.



TREE TRANSPLANT DETAIL

REF: "THE LANDSCAPE MANUAL" DADE CO. DEPT OF PLANNING & ZONING 2001 N.T.S.

DRIP LINE

FENCE TO EXTEND TO THE EDGE OF THE DRIPLINE OR MORE WHERE POSSIBLE

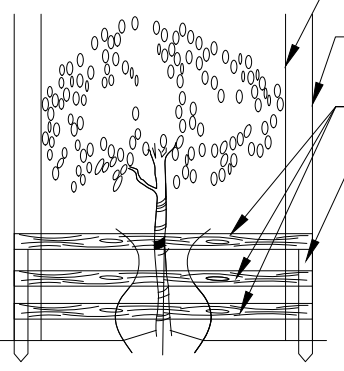
THREE ROWS OF RAIL FENCING (2" X 4") SPACED EQUALLY TO BE PLACED AROUND ALL EXISTING TREES TO REMAIN.

WOODEN STAKES (2" X 4" X 5" MIN.) ON 5' CENTERS - TO SUPPORT RAIL FENCING.

CONTRACTOR TO INSTALL PROTECTIVE FENCE BARRIER AROUND ALL EXISTING TREES TO REMAIN - AT THE START OF THE PROJECT - FENCE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT.

CONTRACTOR SHALL TAKE EXTRA CARE DURING EARTHWORK AND UTILITY OPERATIONS. TO PROTECT ALL EXISTING TREES - AND SHALL BE RESPONSIBLE TO REPLACE ANT TREES DAMAGED DURING CONSTRUCTION.

BARRIER TO FORM A CONTINUOUS CIRCLE AROUND THE TREE OR GROUP OF TREES.



TREE PROTECTION DETAIL

N.T.S.

TREE TRANSPLANTING PROCEDURAL SPECIFICATIONS

PURPOSE: TO MAXIMIZE THE SUCCESS OF TREE TRANSPLANTING OPERATIONS.

ALL STANDARDS SHALL MEET OR EXCEED THE ANSI A300 (PART 6)-2005 (TRANSPLANTING) STANDARD PRACTICES AND ANY APPLICABLE LOCAL CODES.

CONTRACTOR SHALL EMPLOY AN ISA CERTIFIED ARBORIST WITH VERIFIABLE TREE TRANSPLANT EXPERIENCE AS THE "EXPERT ARBORIST OF RECORD" TO CARRY OUT THE FOLLOWING DUTIES:

SHALL PROVIDE A TREE RELOCATION PLAN FOR APPROVAL BY THE OWNERS AGENT BEFORE ANY WORK CAN COMMENCE.

SHALL MAKE SITE VISITS PRIOR TO ANY RELOCATION WORK TO INSPECT THAT THE PROPER PREPARATION WORK IS PERFORMED TO THE TREE RELOCATION GUIDELINES.

SHALL MAKE SITE VISITS DURING RELOCATION WORK TO INSURE WORK IS BEING PERFORMED TO THE TREE RELOCATION GUIDELINES.

SHALL DOCUMENT ALL INSPECTIONS AND PROVIDE REPORT TO THE OWNER'S AGENT WITHIN 5 BUSINESS DAYS OF THE SITE VISIT.

SHALL SUBMIT PRIOR TO FINAL ACCEPTANCE BY OWNER'S AGENT, A POST-TRANSPLANT CARE GUIDE FOR UP TO THREE YEARS THAT INCLUDES WATERING, FERTILIZATION, PRUNING, PEST CONTROL, STAKING, ETC, FOR APPROVAL.

A TREE REMOVAL PERMIT IS REQUIRED FROM GREEN COVE SPRINGS PRIOR TO REMOVAL OF ANY TREES FROM THE SITE.

SEE SHEET TD-500-502 FOR TREE INVENTORY.

SEE LANDSCAPE PLANS FOR PROPOSED LANDSCAPE PLANTINGS, LANDSCAPE LEGEND, SPECIFICATIONS, NOTES, DETAILS, ETC.

Sunshine State 811 One Call

NATIVE TREE DISPOSITION PLAN

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ANGELA BIAGI
L.A. NO. 6666787
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

PREPARED FOR

CITY OF GREEN COVE SPRINGS

SHEET TITLE:	TREE DISPOSITION PLANS	REF. DWG. NO.	
PROJECT NAME:	WALNUT STREET	SHEET	
		TD-	Page 137

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G10-11.011, F.A.C.

CITY OF GREEN COVE SPRINGS



INDEX OF LIGHTING PLANS

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L-2	TABULATION OF QUANTITIES
L-3	GENERAL NOTES
L-4	LIGHTING DATA TABLE AND LEGEND
L-5 - L-7	LIGHTING PLAN
L-8	PARKING LOT LIGHTING PLAN

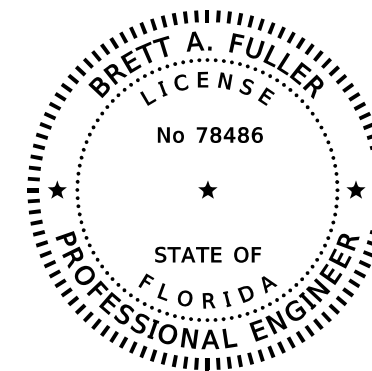
WALNUT STREET IMPROVEMENTS

PLANS PREPARED BY:



WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FLORIDA 33411
 TEL: 561-687-2220

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

ENGINEER OF RECORD: BRETT A. FULLER
P.E. NO.: 78486

PROJECT OWNER:

CITY OF GREEN COVE SPRINGS
 321 WALNUT STREET
 GREEN COVE SPRINGS, FL 32043
 TEL: 904-297-7058

CITY OFFICIALS

MATT JOHNSON	MAYOR
CONNIE BUTLER	VICE MAYOR
STEVEN KELLY	COUNCIL MEMBER
THOMAS SMITH	COUNCIL MEMBER
EDWARD GAW	COUNCIL MEMBER
STEVE KENNEDY	CITY MANAGER
MIKE NULL	PUBLIC WORKS DIRECTOR
STEVE THOMAS	ASST. PUBLIC WORKS DIRECTOR

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TABULATION OF QUANTITIES


Item #7.

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			L-5		L-6		L-7		L-8											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-11	2" CONDUIT, F&I, OPEN TRENCH	LF	667		809		760		707								2943		2943	
635-2-11	PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE	EA	13		13		12		7								45		45	
639-3-11	ELECTRICAL SERVICE DISCONNECT, RELOCATE POLE MOUNT	EA					1										1		1	
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8-6	LF	2913		3345		3072		2649								11979		11979	
715-7-21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA							1								1		1	
715-69-000	LIGHT POLE COMPLETE, REMOVAL	EA						1	3								4		4	
715-500-1	LIGHT POLE CABLE DISTRIBUTION	EA	13		13		11		6								43		43	
715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	3		5		5		6								19		19	
715-540-000	LIGHT POLE COMPLETE-SPECIAL DESIGN, RELOCATE	EA	9		8		6										23		23	

PAY ITEM FOOT NOTES:

715-7-21: INCLUDES THE COST OF MODIFYING EXISTING LOAD CENTER TO ACCOMMODATE NEW LIGHTING CIRCUIT AND PHOTOCCELL.

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REVISIONS						BRETT A. FULLER, P.E. P.E. NO. 78486 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE: TABULATION OF QUANTITIES	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			PROJECT NAME: WALNUT STREET IMPROVEMENTS	Page 139 L-2

GENERAL NOTES FOR LIGHTING


1. CAP SPARE CONDUIT FOR MAINLINE AND ARTERIAL ROAD PAVEMENT AT THE PULL BOX.
2. PRIOR TO ANY EQUIPMENT ORDER, SUBMIT FOR APPROVAL EQUIPMENT SPECIFICATION OR DESIGN DATA FOR ALL MATERIAL PROPOSED FOR THE PROJECT. THESE MUST INCLUDE:
 - A) LUMINAIRE PHOTOMETRICS
 - B) POLE STRENGTH CALCULATIONS
 - C) POLE FRANGIBILITY TEST
 - D) BOLT SPECIFICATIONS AND BOLT CIRCLE DIAMETER
 - E) POLE SHOP DRAWINGS
 - F) LOAD CENTER ELECTRICAL EQUIPMENT
3. REFER TO ROADWAY PLANS FOR UTILITY OWNERS AND CONTACT INFORMATION.
4. THE LOCATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE AND BASED ON THE INFORMATION FURNISHED TO THE ENGINEER BY THE UTILITY OWNERS AND ARE SHOWN AS NOTICE TO THE CONTRACTOR THAT UNDERSTOOD UTILITIES EXIST. BEFORE EXCAVATING, NOTIFY THE UTILITY COMPANY OWNERS AND REQUEST THEM TO LOCATE AND STAKE THEIR UNDERGROUND FACILITIES. UTILITIES ARE TO BE ADJUSTED BY OTHERS AS DIRECTED BY THE ENGINEER.
5. PROVIDE NOTICE TO THE UTILITY OWNERS PER FLORIDA STATUTE 553.851 AND 556. THESE STATUTES REQUIRE THAT BEFORE EXCAVATION, NOTICE BE GIVEN TO THE UTILITY OWNER A MINIMUM OF TWO (2) DAYS AND A MAXIMUM OF FIVE (5) DAYS, EXCLUDING SATURDAY, SUNDAY AND LEGAL HOLIDAYS. NOT ALL UTILITY COMPANIES ARE MEMBERS OF "SUNSHINE" CALL 811 WWW.CALLSUNSHINE.COM.
6. THE LOCATION OF THE POLES, CONDUCTORS, CONDUITS, JUNCTION BOXES AND SERVICE POLES ARE DIAGRAMMATIC ONLY AND MAY BE SHIFTED BY THE ENGINEER TO ACCOMODATE LOCAL CONDITIONS AND EXISTING UTILITY LOCATIONS.
7. CONTRACTOR TO UTILIZE LUMINAIRE SPECIFIED IN PLANS. ALTERNATIVE LUMINAIRES SHALL NOT BE USED.
8. UTILIZE ALL REQUIREMENTS OF THE LATEST ADOPTED EDITIONS OF THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE FOR ALL ELECTRICAL WORK. PROPERLY GROUND ALL COMPONENTS PER N.E.C. REQUIREMENTS.
9. PROVIDE IDENTIFICATION TAGS FOR ALL ROADWAY LIGHTING. ENSURE TAGS HAVE BLACK LETTERS ON YELLOW BACKGROUND ATTACHED WITH APPROVED ADHESIVE (NO RIVETS OR SCREWS). INCLUDE THE COST OF THE TAGS IN THE BID ITEMS FOR LIGHT POLE COMPLETE. PLACE TAGS 5 FEET ABOVE GRADE AND FACING THE ROADWAY. BEFORE ORDERING TAGS, COORDINATE WITH THE CITY OF GREEN COVE SPRINGS MAINTENANCE FOR PROPER NUMBERING SEQUENCE OF LOAD CENTER AND CIRCUITS.
10. UTILIZE THE LATEST EDITION FDOT UTILITY ACCOMODATION GUIDE FOR ANY JACK AND BORE OPERATIONS.
11. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE LIGHTING POLE FOUNDATIONS OR CONDUIT RUN, AS DETERMINED BY THE ENGINEER, HAND DIG THE FIRST 4 FEET OF THE HOLE FOR THE POLE FOUNDATION AND CONDUIT RUN.
12. ALL EXCESS DIRT AND DEBRIS EXCAVATED FROM POLE FOUNDATIONS SHALL BE REMOVED.
13. MAINTAIN ACCESS TO ALL SIDE STREETS, PRIVATE AND COMMERCIAL DRIVEWAYS AT ALL TIMES DURING THE CONSTRUCTION OPERATION.
14. THE LIGHTING SYSTEM WILL BE MAINTAINED BY THE CITY OF GREEN COVE SPRINGS UPON FINAL ACCEPTANCE.
15. STABILIZE ALL SOIL EXPOSED DURING INSTALLATION OF LIGHTING FOUNDATIONS AS SOON AS POSSIBLE AND NO LATER THAN SEVEN (7) CALENDAR DAYS.
16. VERIFY ALL EXISTING LIGHTING EQUIPMENT SOURCES PRIOR TO COMMENCING DEMOLITION/REMOVAL WORK.
17. MARK ALL ROADSIDE LIGHTING PULL BOXES WITH "STREET LIGHTING". ENSURE ALL PULL BOXES ARE MADE OF POLYMER MATERIAL, FLUSH WITH THE GROUND, AND RATED ANSI TIER 22 OR HIGHER.
18. CONDUIT LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. CONDUIT MUST BE PLACED WITHIN THE RIGHT-OF-WAY BUT CAN BE ADJUSTED TO FIT AROUND THE EXISTING AND PROPOSED UTILITIES. WHERE PLANNED LOCATION OF LIGHTING CONDUIT RUNNING 30" UNDER PAVEMENT IS FOUND TO CONFLICT WITH UNDERGROUND UTILITIES, THE LIGHTING CONDUIT MAY BE ALTERED VERTICALLY OR HORIZONTALLY TO AVOID THE CONFLICT AS RECOMMENDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. MAINTAIN A 24" ABSOLUTE MINIMUM WHERE LIGHTING CONDUITS ARE RELOCATED CLOSER THAN 30" BELOW THE GROUND SURFACE, PLACE RELOCATIONS AN ADDITIONAL 3" PVC SLEEVE OR BACKFILLED WITH A MIN. 4"X4" OF CONCRETE.
19. INSPECT ALIGNMENT OF EACH INDIVIDUAL POLE AND FIXTURE AS FOLLOWS.
20. MANDREL TEST AND CLEAN ALL CONDUITS. FOR FUTURE USE CONDUITS IN PLACE, PROVIDE 3/4" POLYESTER CORD PULLED IN PLACE AND CAPPED WITH NOTATION INSIDE CONDUIT AS TO LOCATION OF OPPOSITE END. PLACE DUCT MARKER OR PULL BOXES TO MARK END OF EMPTY CONDUITS.
21. CONTRACTOR TO TAKE RESPONSIBILITY FOR LOCATING ANY UNDERGROUND CONDUIT FOR ROADWAY LIGHTING.
22. DO NOT INSTALL LIGHT POLES, PULL BOXES, AND LOAD CENTERS WITHIN ANY DITCH AREAS THAT MAY CAUSE WATER INTRUSION.
23. AS PART OF THE 7 DAY TEST BURNING PERIOD, LABEL EACH CIRCUIT WITH THE LOAD AMPERAGE READING AT THE LOAD CENTER PANEL.
24. PROVIDE TWO RUNS OF CONDUIT FOR EVERY THREE CIRCUITS (6 NON GROUNDED CONDUCTORS). DO NOT INSTALL MORE THAN THREE CIRCUITS IN A SINGLE CONDUIT.
25. PROVIDE ONE SPARE RUN OF 2" CONDUIT AND AND SPARE PULL BOX WITH EVERY DIRECTIONAL BORE.
26. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POWER TO THE ENTIRE LOAD CENTER AND MAINTENANCE OF EXISTING AND PROPOSED LIGHT POLES AND ALL EXISTING, TEMPORARY AND PROPOSED LIGHTING FIXTURES WITHIN THE PROJECT LIMITS FOR THE DURATION OF THE CONTRACT. THIS WILL INCLUDE BUT NOT LIMITED TO THE ROUTINE MAINTENANCE AND/OR ANY DAMAGE BY THE CONTRACTOR AND/OR SUBCONTRACTOR TO LUMINAIRES, FUSES, BALLAST, POLES, BASES, OR ANY INCIDENTAL PARTS. NO MORE THAN 10% OF THE LIGHTS SHOULD BE OUT IN ONE CIRCUIT.

LIGHTING DETAIL

POST TYPE-> WL12ASE120040404UYD1DBL BY VALMONT STRUCTURES
LUMINAIRE TYPE-> EPAS02005A404ABFBLCK BY GECURRENT

Item #7.

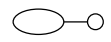
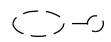
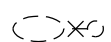


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REVISIONS						BRETT A. FULLER, P.E. P.E. NO. 78486 WGI, INC. 2035 VISTA PARKWAY WEST PALM BEACH, FL 33411	 PREPARED FOR CITY OF GREEN COVE SPRINGS	SHEET TITLE:	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			GENERAL NOTES	
							PROJECT NAME:	WALNUT STREET IMPROVEMENTS	
								Page 140	L-3

LIGHTING DATA TABLE

POLE NO.	CIRCUIT	STATION	OFFSET	ARM LENGTH	MOUNTING HEIGHT	PAY ITEM
1	1	STA. 10+85.62 @ CONST. WALNUT ST	22.59' LT	0'	11'	715-540-000
2	1	STA. 11+54.04 @ CONST. WALNUT ST	22.59' LT	0'	11'	715-540-000
3	1	STA. 12+09.79 @ CONST. WALNUT ST	22.60' LT	0'	11'	715-516-115
4	1	STA. 12+60.45 @ CONST. WALNUT ST	24.72' LT	0'	11'	715-540-000
5	1	STA. 13+07.45 @ CONST. WALNUT ST	24.31' LT	0'	11'	715-516-115
6	2	STA. 11+03.73 @ CONST. WALNUT ST	18.70' RT	0'	11'	715-540-000
7	2	STA. 11+76.46 @ CONST. WALNUT ST	18.70' RT	0'	11'	715-540-000
8	2	STA. 11+85.47 @ CONST. WALNUT ST	70.00' RT	0'	11'	715-516-115
9	2	STA. 11+93.98 @ CONST. WALNUT ST	98.07' RT	0'	11'	715-540-000
10	2	STA. 12+25.96 @ CONST. WALNUT ST	18.00' RT	0'	11'	715-540-000
11	2	STA. 12+84.20 @ CONST. WALNUT ST	18.70' RT	0'	11'	715-540-000
12	3	STA. 13+88.35 @ CONST. WALNUT ST	29.16' LT	0'	11'	715-540-000
13	3	STA. 15+20.24 @ CONST. WALNUT ST	29.58' LT	0'	11'	715-540-000
14	3	STA. 15+81.57 @ CONST. WALNUT ST	39.45' LT	0'	11'	715-540-000
15	3	STA. 16+42.98 @ CONST. WALNUT ST	29.88' LT	0'	11'	715-516-115
16	4	STA. 17+11.77 @ CONST. WALNUT ST	20.89' LT	0'	11'	715-516-115
17	4	STA. 17+99.95 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-516-115
18	4	STA. 18+47.74 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-540-000
19	4	STA. 18+85.61 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-516-115
20	4	STA. 19+51.33 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-516-115
21	4	STA. 19+95.33 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-540-000
22	4	STA. 20+39.33 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-516-115
23	4	STA. 21+16.99 @ CONST. WALNUT ST	20.82' LT	0'	11'	715-540-000
24	4	STA. 22+28.44 @ CONST. WALNUT ST	26.20' LT	0'	11'	715-540-000
25	4	STA. 22+77.30 @ CONST. WALNUT ST	28.60' LT	0'	11'	715-516-115
26	4	STA. 23+37.06 @ CONST. WALNUT ST	36.20' LT	0'	11'	715-540-000
27	5	STA. 17+90.43 @ CONST. WALNUT ST	26.99' RT	0'	11'	715-516-115
28	5	STA. 18+53.35 @ CONST. WALNUT ST	27.00' RT	0'	11'	715-540-000
29	5	STA. 18+96.27 @ CONST. WALNUT ST	27.00' RT	0'	11'	715-540-000
30	5	STA. 19+76.52 @ CONST. WALNUT ST	26.99' RT	0'	11'	715-540-000
31	5	STA. 20+48.08 @ CONST. WALNUT ST	26.98' RT	0'	11'	715-540-000
32	5	STA. 20+88.08 @ CONST. WALNUT ST	27.00' RT	0'	11'	715-516-115
33	5	STA. 21+24.00 @ CONST. WALNUT ST	26.99' RT	0'	11'	715-540-000
34	5	STA. 22+01.78 @ CONST. WALNUT ST	26.99' RT	0'	11'	715-540-000
35	5	STA. 23+35.00 @ CONST. WALNUT ST	48.00' RT	0'	11'	715-516-115
36	5	STA. 23+75.05 @ CONST. WALNUT ST	02.10' RT	0'	11'	715-516-115
37	6	STA. 18+68.20 @ CONST. WALNUT ST	72.55' LT	0'	11'	715-516-115
38	6	STA. 18+79.93 @ CONST. WALNUT ST	110.26' LT	0'	11'	715-516-115
39	6	STA. 19+23.60 @ CONST. WALNUT ST	144.48' LT	0'	11'	715-516-115
40	6	STA. 18+52.23 @ CONST. WALNUT ST	147.59' LT	0'	11'	715-516-115
41	6	STA. 18+57.26 @ CONST. WALNUT ST	229.16' LT	0'	11'	715-516-115
42	6	STA. 19+47.95 @ CONST. WALNUT ST	223.73' LT	0'	11'	715-516-115

LEGEND

SYMBOLS	DESCRIPTION
	PROPOSED LIGHT POLE WITH POLE TOP MOUNT
	EXISTING LIGHT POLE TO REMAIN
	EXISTING SINGLE ARM LIGHT POLE AND FOUNDATION TO BE RELOCATED
	PROPOSED PULL BOX
	2" (UNLESS OTHERWISE SPECIFIED IN PLANS) SCHEDULE 40 PVC UNDERGROUND CONDUIT, OPEN TRENCH, CONTAINING CIRCUIT CONDUCTORS AS INDICATED ON PLANS

CONVENTIONAL LIGHTING DESIGN CRITERIA

AVERAGE INITIAL INTENSITY	3.0 FOOT CANDLES (STD) / 1.5 FOOT CANDLES (MIN)
UNIFORMITY RATIO AVG./MIN.	4:1 OR LESS
UNIFORMITY RATIO MAX./MIN.	10:1 OR LESS
VEILING LUMINANCE	0.3:1 OR LESS
DESIGN WIND SPEED	130 MPH

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

BRETT A. FULLER, P.E.
P.E. NO. 78486
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

PREPARED FOR

CITY OF GREEN COVE SPRINGS

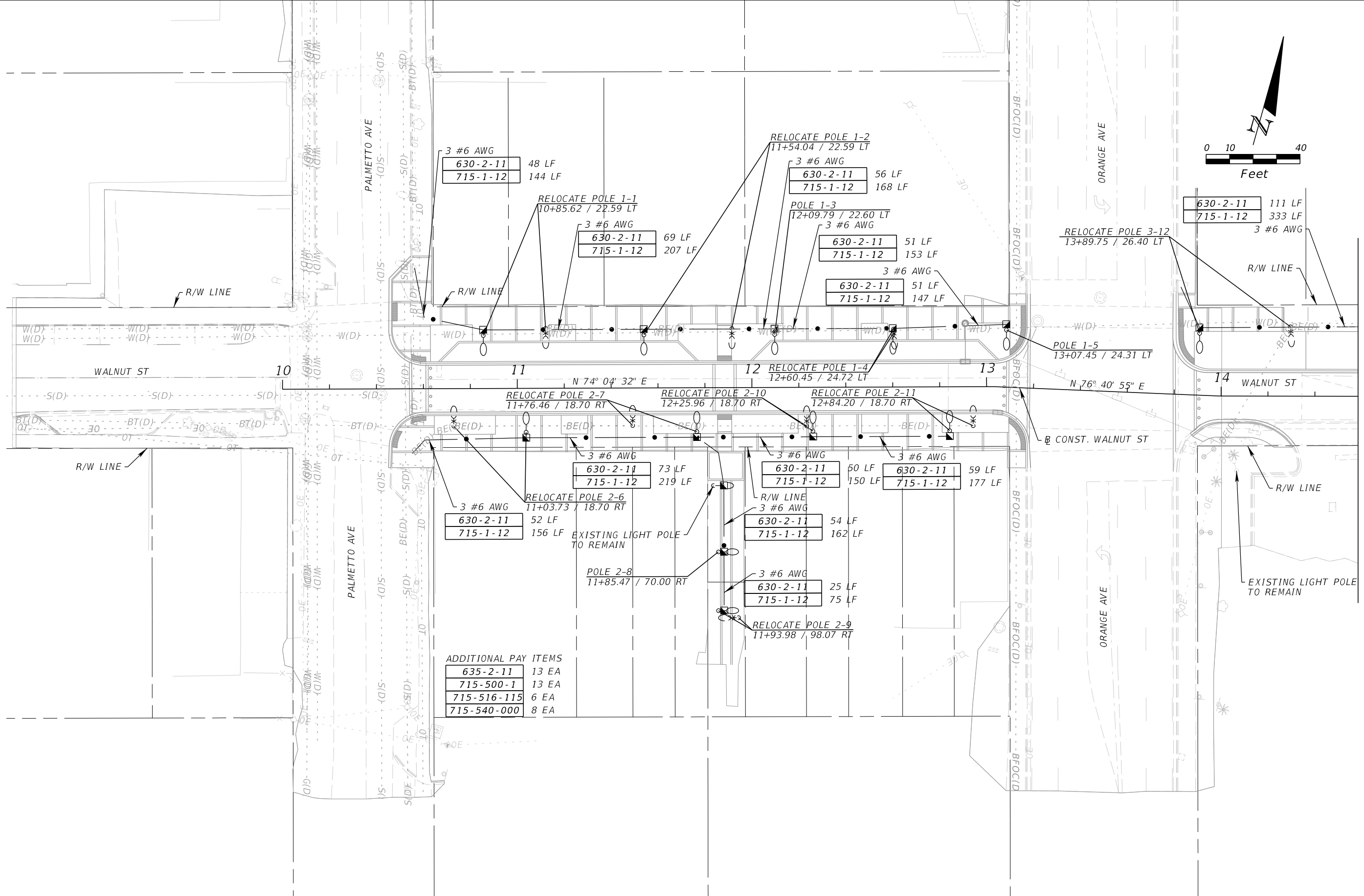
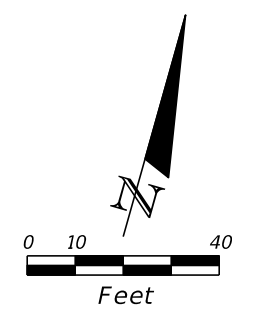
SHEET TITLE:
LIGHTING DATA TABLE AND LEGEND

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

REF. DWG. NO.
Page 141

L-4

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



ADDITIONAL PAY ITEMS

635-2-11	13 EA
715-500-1	13 EA
715-516-115	6 EA
715-540-000	8 EA

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

BRETT A. FULLER, P.E.
 P.E. NO. 78486
 WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411

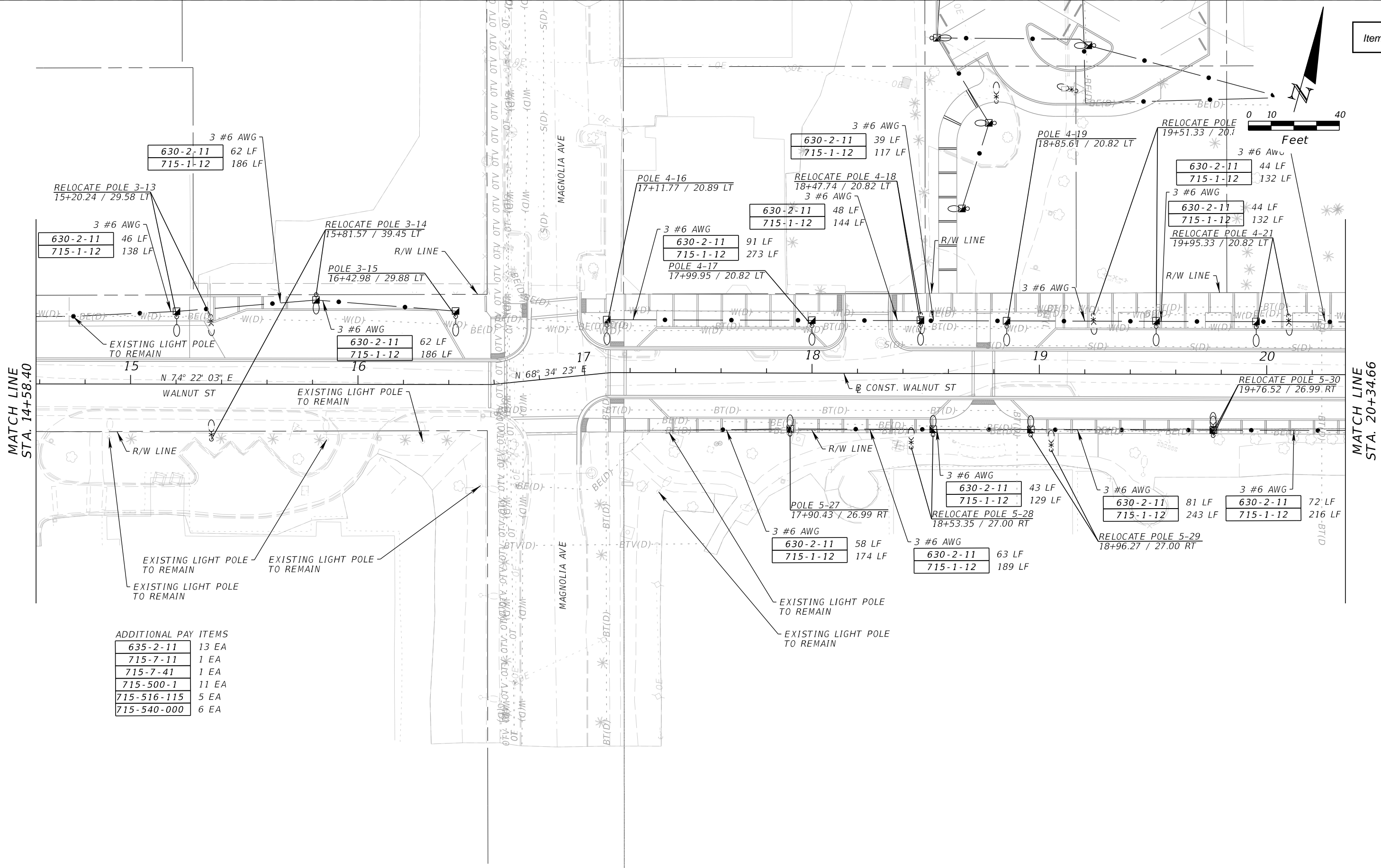
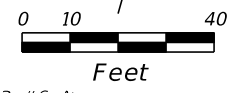
PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
LIGHTING PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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

MATCH LINE
 STA. 14+58.40



MATCH LINE
STA. 14+58.40

MATCH LINE
STA. 20+34.66

ADDITIONAL PAY ITEMS

635-2-11	13 EA
715-7-11	1 EA
715-7-41	1 EA
715-500-1	11 EA
715-516-115	5 EA
715-540-000	6 EA

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

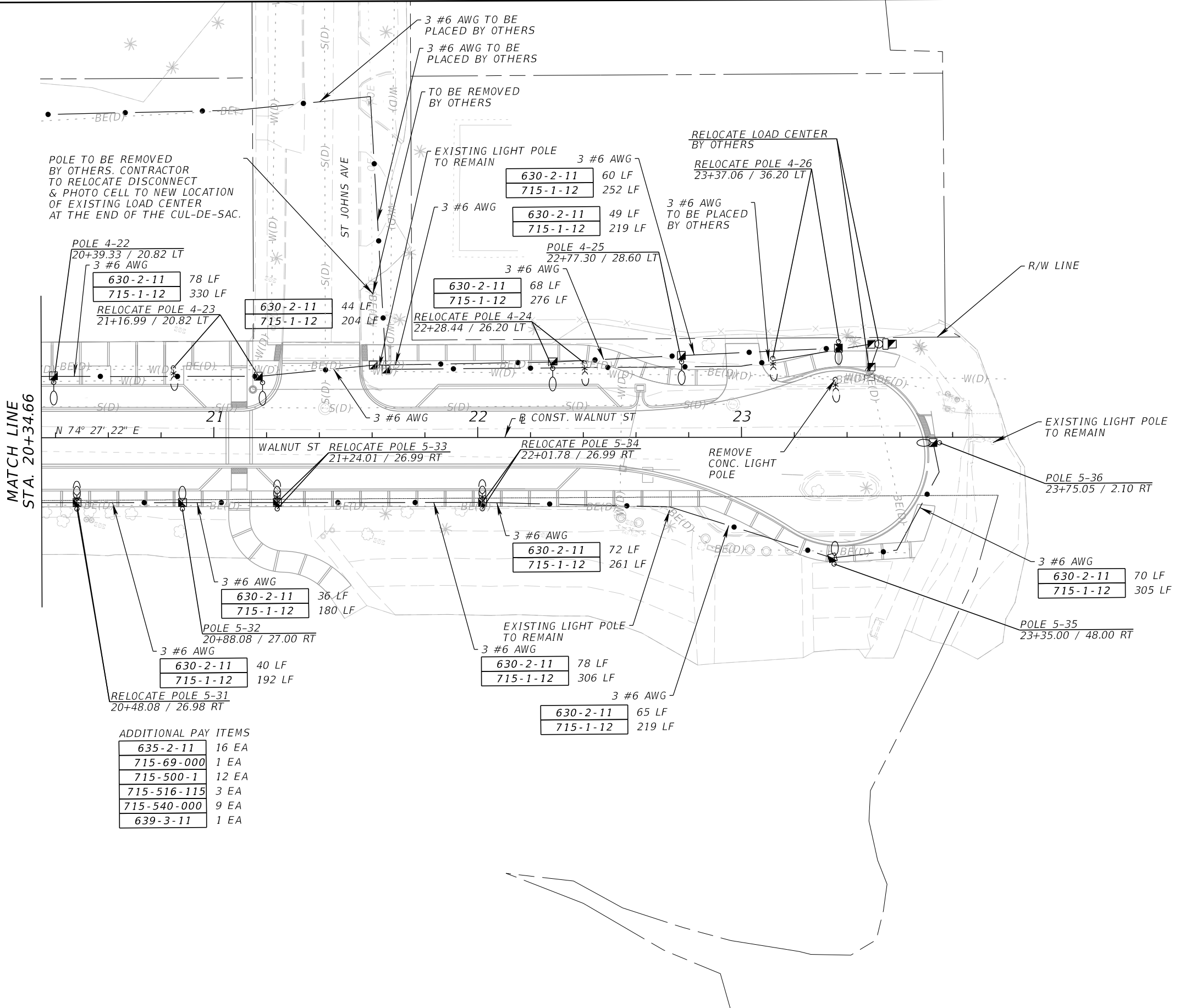
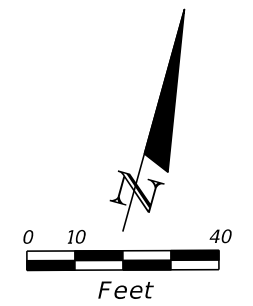
BRETT A. FULLER, P.E.
P.E. NO. 78486
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
LIGHTING PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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



ADDITIONAL PAY ITEMS

635-2-11	16 EA
715-69-000	1 EA
715-500-1	12 EA
715-516-115	3 EA
715-540-000	9 EA
639-3-11	1 EA

MATCH LINE
STA. 20+34.66

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

BRETT A. FULLER, P.E.
P.E. NO. 78486
WGI, INC.
2035 VISTA PARKWAY
WEST PALM BEACH, FL 33411

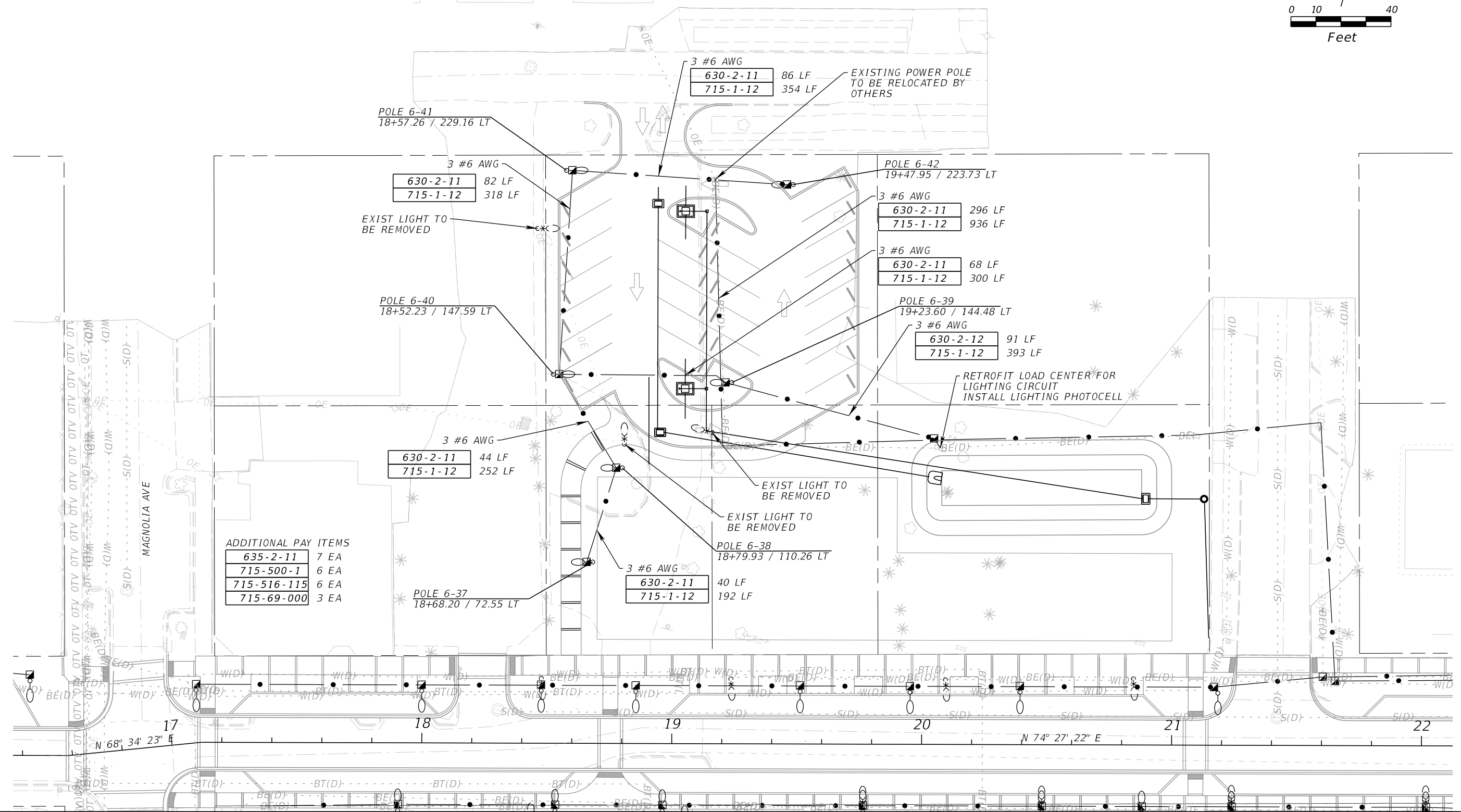
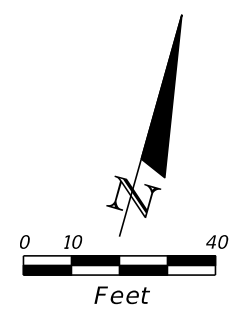
PREPARED FOR
CITY OF GREEN COVE SPRINGS



SHEET TITLE:
LIGHTING PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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ADDITIONAL PAY ITEMS

635-2-11	7 EA
715-500-1	6 EA
715-516-115	6 EA
715-69-000	3 EA

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

BRETT A. FULLER, P.E.
 P.E. NO. 78486
 WGI, INC.
 2035 VISTA PARKWAY
 WEST PALM BEACH, FL 33411

PREPARED FOR
CITY OF GREEN COVE SPRINGS

SHEET TITLE:
PARKING LOT LIGHTING PLAN

PROJECT NAME:
WALNUT STREET IMPROVEMENTS

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



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council **MEETING DATE:** May 2, 2023

FROM: Mike Null, Assistant City Manager

SUBJECT: City Council approval of Change Order #3 to EltonAlan, Inc. for construction of the Palmetto Trail Project in the additive amount of \$1,375.00 and three (3) days contract time. *Mike Null*

BACKGROUND

At the July 5, 2022, Council awarded Bid # 2022-02, construction of the Palmetto Trail Project to EltonAlan, Inc. in the award amount of \$1,544,374.81. This is a Local Area Project (LAP) project funded through an agreement with FDOT for the construction phase of project 43677-1-38-02, to construct a trail along Palmetto Ave from Oak St to Harbor Road and along MLK Jr. Blvd from Palmetto Ave to Vera Francis Hall Park. The FDOT construction budget is \$1,611,250.00. Staff will be managing the project and FDOT will be funding the pay requests on a reimbursable basis.

Pay Applications #1 through 7 have been approved on this project.

At the December 13, 2022 Council Meeting, Council approved Change Order #1 in the amount of \$633.19 for one driveway that was not shown on the plans and some additional sidewalk on US 17 at Governors Creek, and 12 days. This increased the contract amount to \$1,545,008.00.

At the March 21, 2023 Council Meeting, Council approved Change Order #2 in the amount of \$1,328.05 for modification of an existing driveway that was not called out in the plans. This increased the contract amount to \$1,546,366.05.

Attached for consideration in this action item is Change Order #3. This change order adds three (3) days to the contract duration for 1 additional work day and 2 weather days. It also adds \$1,375.00 for cutting the curb away from the gutter on the west side of Palmetto Ave from Palmer St to Walnut St. This was called out as header curb in the plans and will save a partial roadway patch and provide a better-looking finished product. Approval of this change order will increase the contract amount to \$1,547,711.05. FDOT has agreed to fund this additional work. Staff is seeking Council approval of this item as submitted.

FISCAL IMPACT

This project is funded by a FDOT LAP agreement on a reimbursable basis.

RECOMMENDATION

Approve Change Order #3 to EltonAlan, Inc. for construction of the Palmetto Trail Project in the additive amount of \$1,375.00 and three (3) days contract time.

District Two Local Agency Change Order Request

Change Order Number 3

Financial Project Number: 435677-1-58-01

Contract Number: G2390

Project Description: Palmetto Avenue Sidewalk

Local Agency: City of Green Cove Springs

Contractor: Elton Alan

Original Contract Amount: \$1,544,374.81

Change in Contract Amount CO #1: \$633.19

Change in Contract Amount CO #2: \$1,328.05

Change in Contract Amount CO #3: \$1,375.00

Present Contract Amount: \$1,547,711.05

Original Contract Days: 296 days

Change in Contract Days-CO #1: Twelve (12) days

Change in Contract Days- CO #2: Twelve (12) days

Change in Contract Days- CO #3: Three (3) days

Current Contract Days: 323 days

Change due to Design Error or Omission Yes No X

Description of Changes:

1. Compensates the contractor for saw cutting along the face of the of the existing type F Curb and Gutter at stations – 115+70 to 117+74
2. Adds 2 weather days and 1 Non-Compensable Contract Day for the added work.

Justification for Changes

1. The contract plans call to remove and replace the Type D Curb with Type D curb. Upon investigation, the curb that is currently in place has been paved over and is type F not Type D. In lieu of removing the Type F Curb and Gutter, Elton Alan will saw cut along the face of the Curb leaving the gutter in place. This change will avoid damaging the existing asphalt, adding additional base and will avoid having to install a small patch of asphalt from where the gutter was removed. This change will also add 1 Non-Compensable Contract Day for the associated work.
2. Adds the following Weather / Holidays Days from 3/1/23 to 4/21/23:
 - 2 Weather Days; 3/13/23, 4/10/23

Resources/ Materials

Item No.	Item Description	Quantity	Unit Price	Total Additional Cost
	Concrete Cutting	1 LS	\$1,250.00	\$1,250.00
	Allowable Markup 10%			\$125.00
Estimated Total Change Cost				\$1375.00

Local Agency Representative _____

Date _____

District Two Program Administrator _____

Date _____

Contractor

Date



Concrete Cutting & Breaking Co.

4940 VICTOR STREET
JACKSONVILLE, FL 32207
PHONE - 904-262-9985

FL CGC061534

Service offices in Florida, Indiana, Michigan, New York and
www.concut.com

Item #8.

Job Location	Quote #	52109-1
City of GCS / FDOT Project		
Address	Palmetto Ave	
City/State	Green Cove Springs, FL, 32043	
Contact	TBD	PO # Bidding
Address	11420 SWEET CHERRY LN S	Mobile #
City/State	JACKSONVILLE, FL, 32225	Job/DOT # G2390
Contact	Tony Lewis	Date 4/8/23
Main #	904-379-2448	Fax
Email	Notes	

Description	Qty	UoM	Unit Price	Ext Price
Gas Slab Saw	1	LS	\$1,250.00	\$1,250.00
Access to Work Area: Drive Up	Height of Work Area: Grade			Total: \$1,250.00
Slurry Control: Squeegee Off	Material and Re-Steel: Concrete Curb			
Electric Supply: Truck	Water Supply: Truck			

Insurance: commercial general liability and umbrella:

General Liability limits of \$2,000,000 per occurrence, \$4,000,000 aggregate and Umbrella coverage of \$8,000,000 applies. Any additional insurance coverage requirements will be covered by customer.

Owner/contractor responsible for the following:

- Lay-out.
- Work Permits.
- Traffic/safety control.
- Damage to un-marked utilities in saw cut area.
- Protection of surrounding area, and final clean-up.

Price Based on the following conditions unless otherwise stated:

- No concrete removal.
- Concrete reinforcement based upon normal re-steel.
- Work area must be free of all obstructions prior to scheduled arrival.
- Work to be performed in a continuous manner, during standard work week hours.

Price good for 60 days and is subject to change if conditions vary from this quotation.

- Term: 30 days for approved accounts.

Russ Hamm
rhamm@concut.com

904-219-0396

Date _____

Proposal Accepted By:

Date _____

From: [Moseley, Douglas](#)
To: [Rogers, Kevin](#)
Cc: [McGauley-Steinberg, Cheryl](#); [Bordner, Jason](#); [Kevin Wagner](#)
Subject: FW: Request for Federal Participation, Change Order 3, Palmetto Ave., 435677-1-58-01, G2390
Date: Monday, April 24, 2023 3:05:39 PM
Attachments: [ce_logo_240x46_ddfcf290-2d69-4d4c-a5c7-ee3ac33e0e44.png](#)
[Change Order 3 435677-1-58-01 G2390.docx](#)
[EltonAlan_GCS_4-08-2023.pdf](#)
[RE_Change Order 3, Palmetto Ave., G2390.pdf](#)

Kevin,

Concur with your analysis below. FHWA participating **granted** for \$1,375.00 and 3 days. Changes are value added and necessary to make project functionally operational.

Thanks,

Doug Moseley, P.E.

District 2, Construction Engineer
Lake City Operations-Construction
(386) 961-7030 office
(386) 623-0601 mobile
Douglas.moseley@dot.state.fl.us

From: Rogers, Kevin <Kevin.Rogers@dot.state.fl.us>
Sent: Monday, April 24, 2023 11:04 AM
To: Moseley, Douglas <Douglas.Moseley@dot.state.fl.us>; Bordner, Jason <Jason.Bordner@dot.state.fl.us>
Cc: Wagner, Kevin <kwagner@consoreng.com>; McGauley-Steinberg, Cheryl <Cheryl.McGauley-Steinberg@dot.state.fl.us>
Subject: FW: Request for Federal Participation, Change Order 3, Palmetto Ave., 435677-1-58-01, G2390

Doug/Jason,

Please see attached CO 03 on the subject **LAP** project for your review for federal participation. Of note:

- Adjustment is based on actual invoice price, see attached.
- There is no re-work, , delay, premium costs, or inefficiencies associated with this change
- The changes are Value Added adjustments needed to make the project functionally operational.
- All of this work falls within the Project Limits and is consistent with the Original Scope.

The cost breakdown is as follows:

Concrete cutting 1 Lump Sum \$1,375.00

Additionally, adding 01 non-compensable day for the extra work and 02 days for inclement weather.

Therefore, the CCEI feels the request for **FHWA Participation** in the cost of \$1,375.00_ and **03 days** (1-extra work + 2-weather) **should be granted** in accordance with the guidelines provided in the contract documents and the FHWA Core Curriculum Manual.

Thank you,

Kevin D. Rogers
D2 District Construction Services Manager
Florida Department of Transportation
District 2 Construction Office
1109 South Marion Avenue
Lake City, FL 32025
Office- 386-961-7416
Kevin.Rogers@dot.state.fl.us

From: Kevin Wagner <kwagner@consoreng.com>
Sent: Monday, April 24, 2023 10:27 AM
To: Rogers, Kevin <Kevin.Rogers@dot.state.fl.us>
Cc: Lubben, Belinda <blubben@consoreng.com>; Williams, Lori <lwilliams@consoreng.com>
Subject: Request for Federal Participation, Change Order 3, Palmetto Ave., 435677-1-58-01, G2390

EXTERNAL SENDER: Use caution with links and attachments.

Kevin,

Attached, please find Change Order No. 3 for Palmetto Ave., 435677-1-58-01, G2390 for your review and federal participation determination.

This change order addresses the following changes:

- Compensates the contractor for saw cutting along the face of the of the existing type F Curb and Gutter at stations – 115+70 to 117+74.
- Adds 2 weather Days and 1 Non-Compensable Contract Day

It is our recommendation that the full amount of \$1375.00, 2 added Weather and 1 Non Compensable Day be considered FHWA Participating.

Any questions, please let me know. Thanks.

Kevin Wagner

PROJECT ADMINISTRATOR

o: +1.352.281.6857 Ext. 51061

m: +1.352.281.6857



consoreng.com

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STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council Regular Session **MEETING DATE:** May 2, 2023
FROM: Steve Thomas
SUBJECT: Council approval to purchase a new grapple truck to replace truck #702 from Peterson Industries under Sourcewell contract # 040621-PII in the amount of \$203,438.77.

BACKGROUND

The City Council approved the purchase of a new grapple truck in the solid waste CIP budget for FY 2024 at the amount of \$160,000.00. The price for the new grapple truck is now \$203,438.77 which is over budget of \$43,438.77. Council had also approved the purchase of one new Garbage truck in the amount of \$180,000.00 and staff has decided to push the new garbage truck back one more year because the back up we have now is still in good shape and can make another couple years as a backup. So, staff would like to use \$43,438.77 from the budgeted amount for the garbage truck to make up the difference for the new grapple truck.

This truck is being purchased through a Sourcewell contract # 040621-PII from Peterson Industries. The old truck will be surplus and disposed of in the best interest of the City.

FISCAL IMPACT

404-3034-500-6400 in the amount of \$203,438.77

RECOMMENDATION

Approve purchase of a new grapple truck to replace truck #702 from Peterson Industries under Sourcewell contract # 040621-PII in the amount of \$203,438.77, and approve the surplus of truck #702 upon receipt of the new grapple truck, to be disposed of in the best interest of the City.

Quote

Petersen Industries, Inc.
 4000 SR 60 W.
 Lake Wales, FL. 33859
 P: (863) 676-1493
 F: (863) 676-6844



Quote No 20230083	Quote Date 1/11/2023	Page 1
-----------------------------	--------------------------------	------------------

Item #9.

Sourcewell No. #040621-PII

Bill To

GREEN COVE SPRINGS, CITY
 ATTN: ACCOUNTS PAYABLE
 321 WALNUT STREET
 GREEN COVE SPRINGS, FL
 US

Ship to

GREEN COVE SPRINGS,
 ATTN: ACCOUNTS
 321 WALNUT STREET
 GREEN COVE SPRINGS, FL
 US

END USER: Green Cove Spring, (FL)

Customer No 578	Slspn Bryce Otwell	Payment terms Net 30
Loc LW	PPD/COL	Ship via Best Way
		Ship Date A.S.A.P.

Delivery Date: 60-90 days after chassis
Unit price **Disc** **Extended price**

1.00	EA	LOADER AS CONFIGURED BELOW	67,404.00	2.00	66,055.92
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Feature/Kit Components- LOADER

1.00	EA	0.TL3 MODEL TL3 BASE LOADER	1.00		65,489.00
1.00	EA	03.11SAI HEAVY DUTY SWING MOTOR	1.00		0.00
1.00	EA	03.12 STD HT PED STANDARD HEIGHT PEDESTAL	1.00		0.00
1.00	EA	01.24 GRATING HEAT SHIELD (FOR DUAL CONTROLS ONLY)	1.00		479.00
1.00	EA	07.10SB60 STANDARD BUCKET 60"	1.00		0.00
1.00	EA	10.04 BUWL BOOM-UP WARNING LIGHT/AUDIBLE ALARM	1.00		0.00
1.00	EA	12.36 HD HD CONTROL BOX THROTTLE ENGINE KILL & HORN	1.00		0.00
1.00	EA	12.02 TP TANDEM PUMP IN LIEU OF SINGLE 18 GMP	1.00		0.00
1.00	EA	8.41 TB TFM TOOL BOX, TRUCK FRAME MOUNTED UNDER BODY (ADD-ON)	1.00		885.00
1.00	EA	12.24 KHS KEVLAR HOSE SLEEVING	1.00		551.00
1.00	EA	11.02 LBPIO LOADER SINGLE COLOR PI ORANGE	1.00		0.00

1.00	EA	8.0 DUMP BODY AS CONFIGURED BELOW	42,207.00	2.00	41,362.86
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Feature/Kit Components- 8.0 DUMP BODY

1.00	EA	8.28 1828-HDX MODEL HDX-1828 HARDOX BODY 1/8" SIDES, 3/16" FLOOR	1.00		36,901.00
1.00	EA	8.36 PISWLCD PI SELF-WINDING LOAD COVERING DEVICE (ADD-ON)	1.00		1,353.00
1.00	EA	8.40 S-BD STANDARD BARN DOORS FOR BODY	1.00		0.00
1.00	EA	8.47 WL-BW WIRE LOOM FOR BODY WIRING	1.00		0.00
1.00	EA	10.09 LED LED TYPE BODY LIGHTS, 15 EA.	1.00		0.00

Quote

Petersen Industries, Inc.
 4000 SR 60 W.
 Lake Wales, FL. 33859
 P: (863) 676-1493
 F: (863) 676-6844



Quote No 20230083 **Quote Date** 1/11/2023 **Page**

Item #9.

Sourcewell No. #040621-PII

Bill To

GREEN COVE SPRINGS, CITY
 ATTN: ACCOUNTS PAYABLE
 321 WALNUT STREET
 GREEN COVE SPRINGS, FL
 US

Ship to

GREEN COVE SPRINGS,
 ATTN: ACCOUNTS
 321 WALNUT STREET
 GREEN COVE SPRINGS, FL
 US

END USER: Green Cove Spring, (FL)

Customer No 578 **Sispsn** Bryce Otwell **Payment terms** Net 30
Loc LW **PPD/COL** **Ship via** Best Way **Ship Date** A.S.A.P.

Delivery Date: 60-90 days after chassis

Qty Ordered	UOM	Item No	Unit price	Disc	Extended price
1.00	EA	10.10 LED FLASH AMBER LED FLASHERS IN REAR CORNER POST	1.00		430.00
1.00	EA	8.77ANSI ANSI Z245 PACKAGE	1.00		0.00
1.00	ST	10.98 WLCB WORK LIGHTS - (SET OF 2) (CURBSIDE UNDER BODY)	1.00		375.00
1.00	ST	10.98 WLSB WORK LIGHTS - (SET OF 2) (STREETSIDE UNDER BODY)	1.00		375.00
1.00	EA	8.76 RCMTL REAR CAMERA MOUNTED IN REAR MARKER LIGHT-TV-550	1.00		1,808.00
1.00	EA	10.06 SS SINGLE STROBE MOUNTED ON REAR OF BODY	1.00		405.00
1.00	EA	10.07 BG BRUSH GUARD FOR SINGLE REAR STROBE	1.00		213.00
1.00	EA	11.02B BODY COLOR: BLACK	1.00		0.00
1.00	EA	CHASSIS-OTHER CHASSIS, FOR NEW LOADER 2024 Freightliner M2-106 Cumming b6.7 /Allison 3500rds	97,275.30	2.00	95,329.79

Steve T/ 904-297-7058

SubTotal 202,748.57
Delivery 690.20
Tax 0.00
Total Quote

Signature

Date

THE QUOTE TOTAL MAY NOT REFLECT MISCELLANEOUS CHARGES, FREIGHT OR SALES TAX

Prepared For :
Casey Hardee
PETERSEN INDUSTRIES BB
4000 State Road 60 W
Lake Wales, FL 33859
UNITED STATES
Phone : 800-930-5623

Prepared by:
Bob Scharf
ORLANDO FREIGHTLINER
2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

Item #9.

SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-27M	M2 PRL-27M (EFF:MY24 ORDERS)			N/C
Data Version				
DRL-007	SPECPRO21 DATA RELEASE VER 007			N/C
Vehicle Configuration				
001-172	M2 106 CONVENTIONAL CHASSIS	5,709	3,450	\$105,355.00
004-224	2024 MODEL YEAR SPECIFIED			N/C
002-004	SET BACK AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE			STD
A84-1WH	WHOLESALE AND RETAIL BUSINESS SEGMENT			N/C
AA4-001	GENERAL FREIGHT COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-091	MEDIUM TRUCK WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs			



Prepared For :
Casey Hardee
PETERSEN INDUSTRIES BB
4000 State Road 60 W
Lake Wales, FL 33859
UNITED STATES
Phone : 800-930-5623

Prepared by:
Bob Schar
ORLANDO FREIGHTLINER
2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

Item #9.

Data Code	Description	Weight Front	Weight Rear	Retail Price
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs			
Truck Service				
AA3-005	FLATBED/PLATFORM/STAKE BODY			N/C
AF3-169	PETERSEN INDUSTRIES			N/C
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in			
Engine				
101-21X	CUM B6.7 300 HP @ 2600 RPM, 2600 GOV, 660 LB-FT @ 1600 RPM			\$6,471.00
Electronic Parameters				
79A-075	75 MPH ROAD SPEED LIMIT			STD
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79F-004	CUMMINS TRIP INFORMATION REPORTS ENABLED; LEVEL 1: 4 MPH, LEVEL 2: 7 MPH ABOVE ROAD SPEED LIMIT			N/C
79K-012	PTO MODE ENGINE RPM LIMIT - 1500 RPM			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-002	PTO RPM WITH CRUISE RESUME SWITCH - 700 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY			N/C
79W-001	ONE REMOTE PTO SPEED			N/C
79X-001	PTO SPEED 1 SETTING - 700 RPM			N/C
80C-001	ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH INCREMENT BETWEEN BRAKING LEVELS			N/C
80F-001	AUTOMATIC MAINTENANCE MONITOR WITH ALERT AT 5% OF INTERVAL REMAINING			N/C
80G-002	PTO MINIMUM RPM - 700			N/C

Application Version 11.7.407
Data Version PRL-27M.007
Petersen Industries 2024 TL3



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Item #9.

Data Code	Description	Weight Front	Weight Rear	Retail Price
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-021	2010 EPA/CARB/GHG21 CONFIGURATION			N/C
99D-009	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT SIDE OF HOOD)			\$109.00
RNZ-001	OPTIONAL SELECTION OF CARB BASE WARRANTY/CERTIFICATION. DEALER CONFIRMS REGISTRATION IN OTHER THAN CALIFORNIA OR CARB OPT-IN STATES			N/C
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-205	(2) DTNA GENUINE, FLOODED STARTING, MIN 1900CCA, 350RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			STD
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	2		\$206.00
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			N/C
131-013	AIR COMPRESSOR DISCHARGE LINE			N/C
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			N/C
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20		\$13.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
016-101	RH INBOARD FRAME MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH HORIZONTAL TAILPIPE	-50	-50	(\$1,000.00)
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			N/C
110-003	CUMMINS SPIN ON FUEL FILTER			STD
118-001	FULL FLOW OIL FILTER			STD
266-100	700 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-010	PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4		\$85.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C



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134-001	ALUMINUM FLYWHEEL HOUSING			STD
132-004	ELECTRIC GRID AIR INTAKE WARMER			STD
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
Transmission				
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60	\$6,711.00
Transmission Equipment				
343-320	ALLISON VOCATIONAL PACKAGE 168 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD

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Data Code	Description	Weight Front	Weight Rear	Retail Price
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$23.00
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			N/C
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			N/C
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			N/C
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

Front Axle and Equipment

400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			N/C
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES			N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			(\$12.00)
409-006	FRONT OIL SEALS			N/C
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			N/C
536-050	TRW THP-60 POWER STEERING			N/C
539-003	POWER STEERING PUMP			STD
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE			STD

Front Suspension

620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42		\$57.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			STD

Rear Axle and Equipment

420-1C8	DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE			N/C
421-614	6.14 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-011	SPL170 XL DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES	45	45	\$1,099.00
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			N/C
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-012	BRAKE CAMS AND CHAMBERS ON REAR SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			\$43.00
440-006	REAR OIL SEALS			N/C
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS			N/C
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			STD

Rear Suspension

622-1MJ	23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		110	(\$1,608.00)
621-001	SPRING SUSPENSION - NO AXLE SPACERS			STD
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD

Brake System

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018-002	AIR BRAKE PACKAGE			N/C
490-100	WABCO 4S/4M ABS			N/C
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			N/C
904-001	FIBER BRAID PARKING BRAKE HOSE			N/C
412-001	STANDARD BRAKE SYSTEM VALVES			N/C
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			N/C
413-002	STD U.S. FRONT BRAKE VALVE			N/C
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			N/C
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			N/C
479-012	AIR DRYER MOUNTED UNDER HOOD			N/C
460-058	STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION			\$195.00
477-006	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)			\$82.00

Trailer Connections

335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			N/C
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT			STD

Wheelbase & Frame

545-655	6550MM (258 INCH) WHEELBASE			N/C
546-100	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI	370	110	\$896.00
552-045	2025MM (80 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90	N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 192.3230157 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 189.3230157 in			



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Data Code	Description	Weight Front	Weight Rear	Retail Price
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 376.5510157 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE :			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE :			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-001	STANDARD SUSPENSION CROSSMEMBER			STD

Chassis Equipment

556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS	30		\$65.00
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		\$74.00
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE			STD
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS			STD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD			\$218.00

Fuel Tanks

206-192	50 GALLON/189 LITER RECTANGULAR ALUMINUM FUEL TANK - RH	80	20	\$607.00
204-998	NO LH FUEL TANK	-60	-20	(\$444.00)
218-005	RECTANGULAR FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5		STD
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD

Tires

093-12C	HANKOOK AL21 11R22.5 14 PLY RADIAL FRONT TIRES	12		(\$426.00)
094-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL REAR TIRES		60	(\$852.00)

Hubs

418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			N/C
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			N/C

Wheels

502-752	MAXION WHEELS 91541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS			STD
505-752	MAXION WHEELS 91541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS			STD
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD

Cab Exterior

829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTING			\$97.00
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			\$36.00
678-001	LH AND RH GRAB HANDLES			N/C
646-045	MOLD-IN COLOR GRILLE			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE			STD
644-004	FIBERGLASS HOOD			STD
727-1AH	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED	4		\$108.00
726-002	DUAL ELECTRIC HORNS			\$10.00
728-001	SINGLE HORN SHIELD			N/C
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY			STD
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34.00
311-001	DAYTIME RUNNING LIGHTS			\$18.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
74B-079	RH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRROR WITH TRIPOD BRACKETS	4		\$64.00
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-016	DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES			N/C
275-061	PARK BRAKE REMINDER WARNING SYSTEM			\$3.00
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS			STD
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4		\$218.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED			STD
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-013	MOLDED PLASTIC DOOR PANEL			STD
708-013	MOLDED PLASTIC DOOR PANEL			STD
772-006	BLACK MATS WITH SINGLE INSULATION			N/C
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER			\$13.00
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			STD
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			STD
720-002	2-1/2 LB. FIRE EXTINGUISHER	5		\$37.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			N/C
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			N/C
170-015	STANDARD HEATER PLUMBING			STD
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			N/C
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD



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324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			\$18.00
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$99.00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			\$21.00
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$24.00
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$167.00
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20		\$308.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-036	VINYL WITH VINYL INSERT DRIVER SEAT			STD
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT			STD
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-003	ENGINE REMOTE INTERFACE WITH PARK BRAKE AND NEUTRAL INTERLOCKS			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			N/C
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			N/C

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Data Code	Description	Weight Front	Weight Rear	Retail Price
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE			\$88.00
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT			(\$16.00)
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-005	TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT			(\$28.00)
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
33A-804	PROVISIONS FOR BODY BUILDER WIRED BOOM OUT OF STOW WARNING SYSTEM PILOT LIGHT AND INSTRUMENT CLUSTER BUZZER			\$12.00
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	10		\$70.00
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-998	NO OVERHEAD INSTRUMENT PANEL			(\$69.00)
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10		\$490.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			\$47.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD



Prepared For :
Casey Hardee
PETERSEN INDUSTRIES BB
4000 State Road 60 W
Lake Wales, FL 33859
UNITED STATES
Phone : 800-930-5623

Prepared by:
Bob Scharf
ORLANDO FREIGHTLINER
2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone : 4072953846

Item #9.

Data Code	Description	Weight Front	Weight Rear	Retail Price
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
162-011	IDLE LIMITER, ELECTRONIC ENGINE			STD
329-012	FOUR ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT			\$98.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-018	ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR			\$111.00
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD

Design

* 065-000	PAINT: ONE SOLID COLOR			STD
	980-MW9 43517EY DK JADE MET ELITE EY PAINT			

Color

980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX			STD
963-003	STANDARD E COAT/UNDERCOATING			STD

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
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Secondary Factory Options

Application Version 11.7.407
Data Version PRL-27M 007
Petersen Industries 2024 TL3



08/16/2022 08:38 AM

Page 15 of 17

Prepared For :
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2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

Item #9.

Data Code	Description	Weight Front	Weight Rear	Retail Price
998-001	CORPORATE PDI CENTER IN-SERVICE ONLY			N/C

Raw Performance Data

AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 189.3230157 in
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 186.449 in

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Adjusted List Price

Total Price	
Adjusted List Price	\$120,858.00
Extended Warranty	\$0.00

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6501 lbs	3875 lbs	10376 lbs
Total Weight+	6501 lbs	3875 lbs	10376 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE



Prepared For :
Casey Hardee
PETERSEN INDUSTRIES BB
4000 State Road 60 W
Lake Wales, FL 33859
UNITED STATES
Phone : 800-930-5623

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Bob Scha
ORLANDO FREIGHTLI
2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

Item #9.

Other Factory Charges

PNZ-001	CARB22 BASE WARRANTY SURCHARGE DD5/DD8 SS/B6.7/L9 <=325	\$1,075.00
PMU-998	NO ESCALATOR	N/C
PMV-021	GHG21 ENHANCEMENT PRICE	\$455.00
RD1-998	NO DETROIT CONNECT SERVICE SELECTED	STD
RZ1-998	NO ZONAR SERVICE SELECTED	STD
RAG-020	CUMMINS TARIFF CHARGE - \$205	\$205.00
RFY-022	FRONT TIRE SURCHARGE	\$40.00
RFU-022	REAR TIRE SURCHARGE	\$80.00
RFZ-024	MY24/CY23 PRICING SURCHARGE	\$3,750.00
P73-2FT	STANDARD DESTINATION CHARGE	\$3,375.00

(+) Weights Shown are estimates only.
If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



Proclamation

WHEREAS, mental health is essential to everyone's overall health and well-being; and

WHEREAS, everyone experiences times of stress and struggles in their lives; and

WHEREAS, 1 in 5 adults experience mental illness and 1 in 20 adults experience serious mental illness each year; and

WHEREAS, 1 in 6 youth aged 6-17 experience a mental health disorder each year, 50% of all lifetime mental illness begins by age 14 and suicide is the 2nd leading cause of death among people aged 10-14; and

WHEREAS, 60 percent of adults and 50 percent of youth do not receive the treatment necessary for their mental health needs due to limited or no knowledge of the need, barriers to care, or fear and shame, and;

WHEREAS, community understanding and available supports and services can greatly impact a person's ability to handle their stress and struggle and move forward; and

WHEREAS, promoting mental health and wellness leads to higher overall productivity, better educational outcomes, lower crime rates, stronger economies, lower health care costs, improved family life, improved quality of life and increased lifespan; and

WHEREAS, each business, school, government agency, healthcare provider, faith-based organization, non-profit agency and citizen shares accountability for the community's mental health needs and has a responsibility to promote mental wellness and support prevention efforts; and

WHEREAS, the City Council of the City of Green Cove Springs recognizes the impact of awareness and education, access to services and acceptance of the importance of mental health and well-being to a person's overall success.

NOW, THEREFORE, BE IT PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, AS FOLLOWS:

Section 1. The month of May is proclaimed as **"MENTAL HEALTH AWARENESS MONTH"**.

Section 2. A true copy of this Proclamation shall be spread upon the Official Minutes of the City Council of the City of Green Cove Springs.

DONE AND PROCLAIMED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 16TH DAY OF MAY, 2023.

CITY OF GREEN COVE SPRINGS, FLORIDA



Daniel M. Johnson, Mayor

ATTEST:

Erin West, City Clerk



STAFF REPORT

CITY OF GREEN COVE SPRINGS, FLORIDA

TO: City Council **MEETING DATE:** May 2, 2023
FROM: Development Services Department
SUBJECT: First Reading of Ordinance O-14-2023-property transfer from the City to DR Horton, Inc. related to the Rookery Development

BACKGROUND

DR Horton, Inc. has completed the property transfer exchange deed that was approved as part of the land transfer request to allow for construction of a roadway connection through city-owned property that was acquired using Florida Communities Trust ("FCT") funds and designated as the Ed Gustafson Regional Park ("Park"). Park development has not yet begun as set forth the Resolution R-01-2022.

The property to be transferred from the City is 21.3 acres and is adjacent to Gustafson Park. This is part of a property exchange whereby DR Horton is conveying to the City 21.89 acres of their property which will be provided on the May 16th City Council meeting to coincide with the second reading of this ordinance.

The approved Resolution and map of the property and proposed ordinance are enclosed.

STAFF RECOMMENDATION

Staff recommends approval of the first reading of Ordinance O-14-2023, regarding the property transfer of 21.3 acres from the City to DR Horton, Inc.

Recommended Motion:

Motion to approve the first reading of Ordinance O-14-2023, regarding the property transfer of 21.3 acres from the City to DR Horton, Inc.

RESOLUTION NO. R-01-2022

A RESOLUTION OF THE CITY COUNCIL THE CITY OF GREEN COVE SPRINGS, FLORIDA, ENDORSING AND CONCEPTUALLY APPROVING THE PROPOSAL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, PURSUANT TO RULE 62-818.016, FLORIDA ADMINISTRATIVE CODE, FOR A LAND EXCHANGE OF ±21.3 ACRES OF PROPERTY WITHIN THE PROPOSED ED GUSTAFSON REGIONAL PARK FOR ±21.89 ACRES OF PROPERTY WITHIN THE PROPOSED ROOKERY DEVELOPMENT ASSHOWN IN EXHIBIT “A”; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council (the "Council") of the City of Green Cove Springs, Florida (the "City") received Florida Community Trust (“FCT”) grants between 2002 and 2009 for the acquisition of land for preservation and active/passive recreation in a project known as the Ed Gustafson Regional Park (the “Park”); and

WHEREAS, the proposed Park does not presently have a high level of accessibility from existing roadways; and

WHEREAS, the City received requests from D. R. Horton, Inc. - Jacksonville (“Horton”) for an annexation, future land use amendment, and zoning request to permit a residential development (“Rookery”) south of the Park, on a portion of parcel number 016515-000-00; and

WHEREAS, Horton has proposed a four-lane roadway that will connect from their development site to US Highway 17 (“US 17”) which would also provide additional access from a major roadway to the proposed Park; and

WHEREAS, in exchange for the ±21.3 acres, Horton is donating ±21.89 acres to the Park, will construct the roadway, and will stub utilities to the proposed Park; and

WHEREAS, Part 2(a) of Rule 62-818.016, F.A.C. requires “a written statement from the Recipient’s governing council that it has reviewed the proposal and that the governing body conceptually approves the proposed land exchange by an affirmative vote of at least ¾ of its members or the local requirements, whichever is higher”.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS AS FOLLOWS:

SECTION 1. RECITALS. The above recitals are true and correct and are hereby incorporated herein by reference.

SECTION 2. PURPOSE. The City Council, as the governing council of the City of Green Cove Springs, Florida, declares it has reviewed the proposal to swap ±21.3 acres of land acquired through an FCT grant for ±21.3 acres of parcel 016515-000-00, the

Rookery Development, and the City Council conceptually approves the proposed land exchange.

SECTION 3. DEFINITIONS AND INTERPRETATIONS. Unless otherwise defined herein, all capitalized terms in this resolution shall have the meanings set forth in Chapter 70 of the Code.

SECTION 4. COMPLIANCE. It is the intent of the City that the purpose of this Resolution is to meet the requirements of Rule 62-818.016, F.A.C., and to be a declaration of official intent and conceptual approval of the land swap under such Rule.

SECTION 5. EFFECTIVE DATE. This Resolution shall take effect immediately upon its adoption.

DONE AND RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREEN COVE SPRINGS, FLORIDA, IN REGULAR SESSION THIS 1ST DAY OF FEBRUARY, 2022.

CITY OF GREEN COVE SPRINGS, FLORIDA

Edward R. Gaw, Mayor

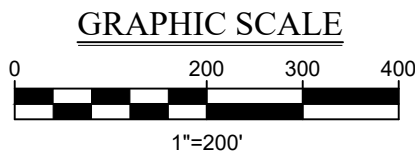
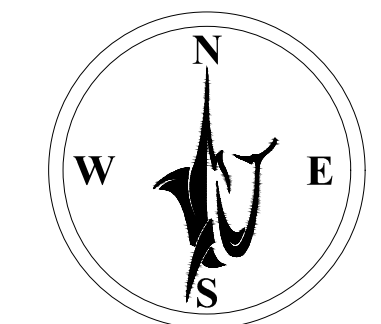
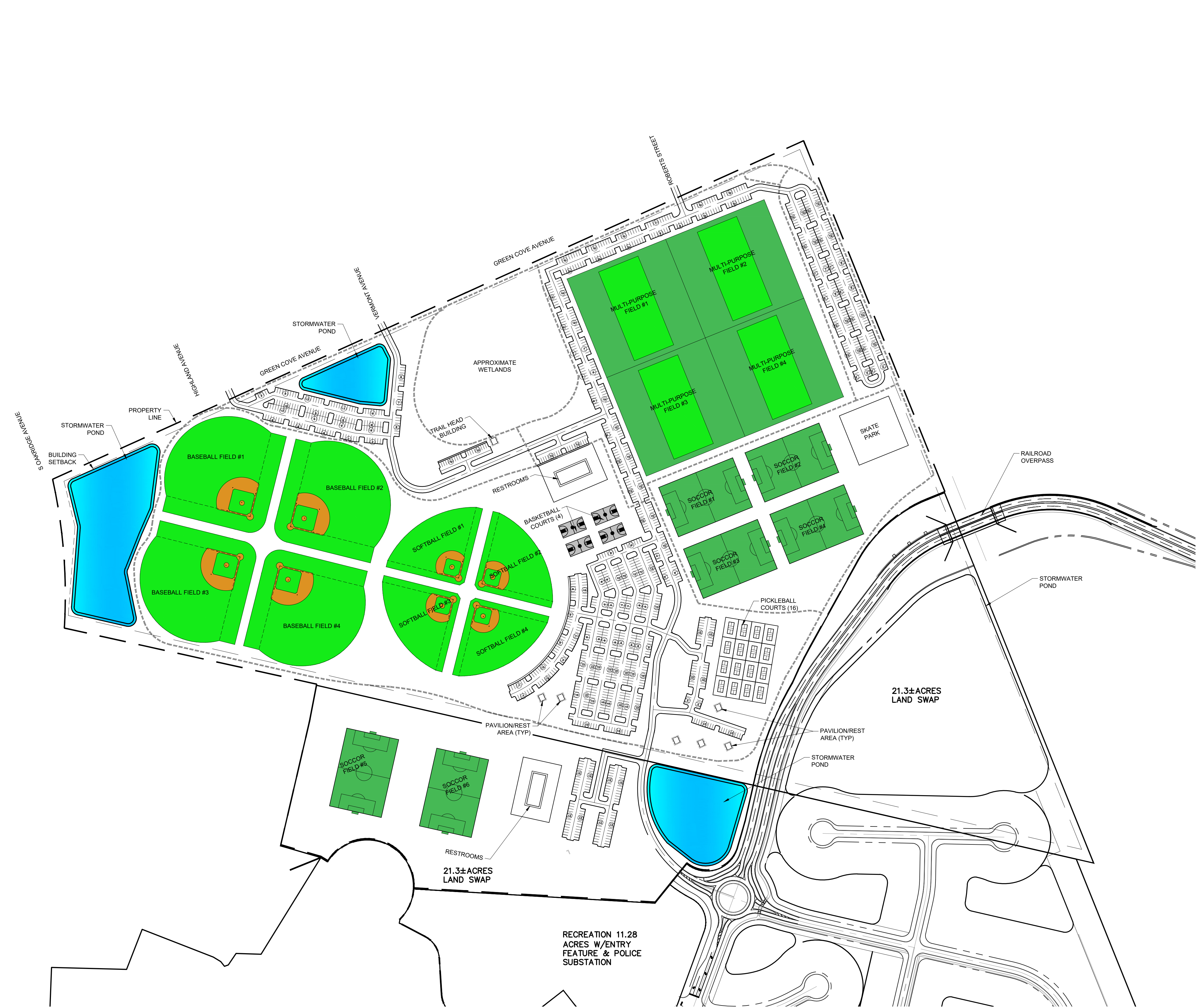
ATTEST:

Erin West, City Clerk

APPROVED AS TO FORM ONLY:

L. J. Arnold, III, City Attorney

EXHIBIT A



LEGEND

- EXISTING PROPERTY LINE
- EXISTING R/W LINE
- PROPOSED CENTER LINE
- PROPOSED LAND BUFFER
- PROPOSED STANDARD DUTY ASPHALT PAVEMENT
- PROPOSED 6' GRAVEL SIDEWALK
- GRASSED AREA
- PROPOSED POND

- YIELD PLAN NOTES**
- THIS CONCEPT PLAN HAS BEEN PROVIDED WITH THE BENEFIT OF A SURVEY FROM ETM SURVEYING AND MAPPING, INC. DATED MAY 21, 2021. EXISTING INFORMATION SHOWN ON THIS PLAN IS BASED ON THE BEST AVAILABLE PUBLIC INFORMATION THAT COULD BE OBTAINED. GULFSTREAM DESIGN GROUP, LLC ACCEPTS NO LIABILITY FOR THE BASIS OF SURVEY DATA (EXISTING CONDITIONS) AS SHOWN ON THIS DRAWING.
 - THIS CONCEPTUAL PLAN HAS BEEN PREPARED FOR THE BENEFIT OF ESTIMATING A DEVELOPMENT PROGRAM FOR MAXIMUM POTENTIAL YIELD OF THE PROPERTY. THE ACTUAL DEVELOPMENT PROGRAM MAY BE DIFFERENT UPON PREPARATION OF DESIGN CALCULATIONS/CONSTRUCTION PLANS, CLIENT CONSTRUCTION BUDGET AND REGULATORY AGENCY REVIEW.
 - ANY IMPROVEMENTS TO BE INCLUDED IN FINAL ENGINEERING PLANS MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATORY AGENCIES LAND DEVELOPMENT CODES, DESIGN STANDARDS, AND REGULATIONS. THE PROPOSED IMPROVEMENTS AS SHOWN INCLUDING BUT NOT LIMITED TO: LOT LINES, BUILDING FOOTPRINTS AND COMPONENTS, PARKING LOT FACILITIES, UTILITY LAYOUTS, LANDSCAPE/IMPROVEMENTS AND STORMWATER MANAGEMENT FACILITIES ARE SUBJECT TO CHANGE BASED UPON REGULATORY AGENCY REVIEW.
 - NO COORDINATION WITH REGULATORY AGENCIES IS ASSUMED TO HAVE BEEN PERFORMED AT THE TIME OF CREATION OF THIS PLAN.
 - LAND USE/ALLOWABLE USES, ZONING/DENSITY, COMPATIBILITY WITH ADJACENT SITES, SETBACKS, BUFFERS, OR OTHER PLANNING AND ZONING REGULATIONS MAY REQUIRE MODIFICATIONS TO THIS PLAN DURING THE FINAL DESIGN PROCESS.
 - PUBLIC HEARINGS AND/OR OTHER LOCAL REVIEW BOARD PRESENTATIONS MAY BE REQUIRED AS A PART OF THESE REVIEWS AND APPROVALS.
 - OFFSITE IMPROVEMENTS HAVE NOT BEEN WHOLLY CONSIDERED IN PREPARATION OF THIS CONCEPT PLAN.
 - AVAILABILITY OF UTILITIES OR OTHER PUBLIC SERVICES HAVE NOT BEEN VERIFIED, AND CONFIRMATION THAT THE CONCEPT IS NOT IN CONFLICT WITH OTHER LOCAL OR STATE CAPITAL IMPROVEMENT PROJECTS WILL BE NECESSARY.
 - PROPOSED STORMWATER PONDS WILL COMPLY WITH ALL LOCAL, STATE & FEDERAL GUIDELINES & WILL BE SIZED APPROPRIATELY FOR OVERALL PARK DEVELOPMENT.

SITE DATA TABLE

GROSS PROPERTY AREA:	43,021,481.87 SF	987.64 AC
NET DEVELOPABLE PROJECT AREA:	5,111,280.44 SF	117.34 AC
EXISTING WETLANDS	870,788 SF	19.99 AC
EXISTING UPLANDS	4,240,492 SF	97.35 AC
PROPOSED IMPACTS	259,819.23 SF	5.96 AC
NET REMAINING UPLANDS	4500311.670000	103.31 AC
NET REMAINING WETLANDS	610968.688100	14.03 AC

PROVIDED PARKING SPACES

1,419

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	06/24/21	JGD	PER DUNN & ASSOC CON/23/UPDATE AND CLIENT COMMENTS
2	07/10/21	JGD	REVISED PER CLIENT COMMENTS
3	10/01/21	JGD	REVISED PER CLIENT COMMENTS
4	10/22/21	JGD	REVISED PER CLIENT COMMENTS
5	11/11/21	JGD	REVISED PER CLIENT COMMENTS AND NEW LAND SWAP AREA
6	01/04/22	JGD	REVISED PER CLIENT COMMENTS
7			
8			
9			

**YIELD ANALYSIS PLANS
FOR
ED GUSTAFSON REGIONAL PARK
CONCEPT PLAN 5
CLAY COUNTY, FLORIDA**



(NOT) FOR CONSTRUCTION

GULFSTREAM DESIGN GROUP, LLC

CA #30431
906 ANASTASIA BLVD., STE. A,
ST. AUGUSTINE, FLORIDA 32080
904.794.4231
matt@gulfstreamdesign.com
© GULF STREAM DESIGN GROUP, LLC 2022

PROJECT NO:	20-144
ISSUE DATE:	10-01-2021
DRAFTED BY:	JGD
DESIGNED BY:	MHL
CHECKED BY:	MHL

NOT VALID WITHOUT SEAL

N:\2021 Gulfstream Project Files\20-144 - Gustafson Rd Prov - 03 - Motion/Drawings/Concept - Rev0A/20-144 CONCEPT 5.dwg, 1/4/2022 10:53:18 PM, 1:1, JGD

MAP SHOWING BOUNDARY SURVEY OF

A PORTION OF SECTION 38 OF THE GEORGE I.F. CLARKE GRANT, TOWNSHIP 6 SOUTH, RANGE 26 EAST, CLAY COUNTY, FLORIDA, BEING A PORTION OF THOSE LANDS DESCRIBED AS PARCEL "A" AND RECORDED IN OFFICIAL RECORDS BOOK 3316, PAGE 1098, OF THE PUBLIC RECORDS OF SAID COUNTY,

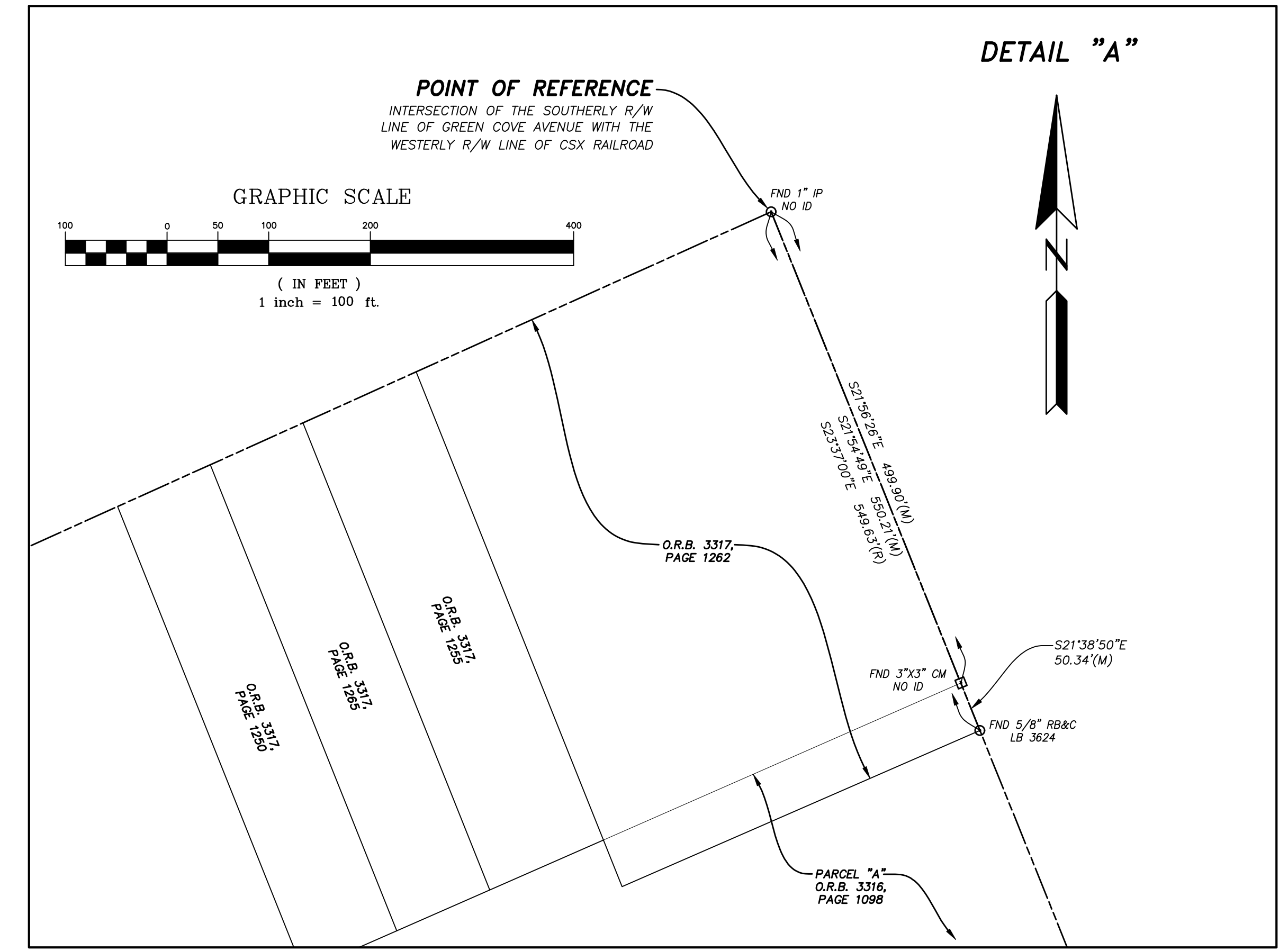
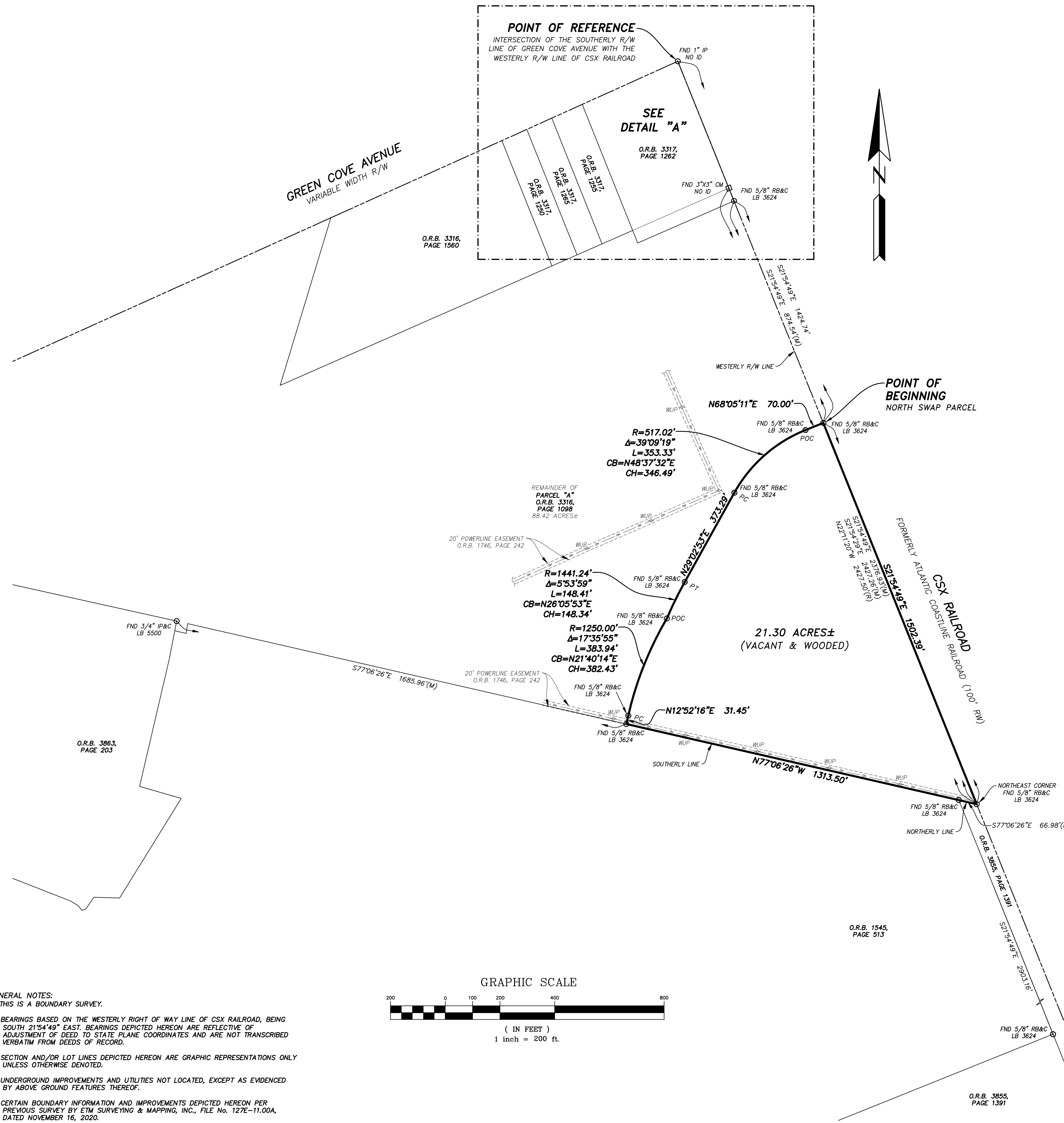
SURVEYOR'S DESCRIPTION

A portion of Section 38 of the George I.F. Clarke Grant, Township 6 South, Range 26 East, Clay County, Florida, being a portion of those lands described as Parcel "A" and recorded in Official Records Book 3316, page 1098, of the Public Records of said county, being more particularly described as follows:

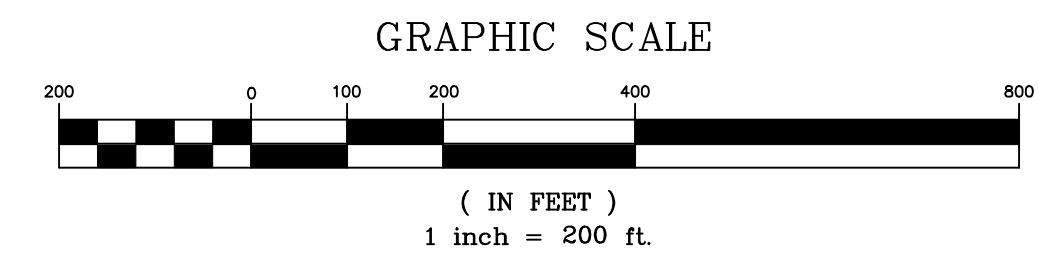
For a Point of Reference, commence at the intersection of the Southerly right of way line of Green Cove Avenue, a variable width right of way as presently established, with the Westerly right of way line of CSX Railroad, a 100 foot right of way as presently established; thence South 21°54'49" East, along said Westerly right of way line, 1424.74 feet to the Point of Beginning.

From said Point of Beginning, thence continue South 21°54'49" East, along said Westerly right of way line, 1502.39 feet to the Northeast corner of those lands described and recorded in Official Records Book 3855, page 1391, of said Public Records; thence North 77°06'26" West, departing said Westerly right of way line and along the Northerly line of last said lands and along the Southerly line of said Parcel "A", 1313.50 feet; thence North 12°52'16" East, departing said Southerly line, 31.45 feet to the point of curvature of a curve concave Easterly having a radius of 1250.00 feet; thence Northerly along the arc of said curve, through a central angle of 17°35'55", an arc length of 383.94 feet to a point on said curve, said arc being subtended by a chord bearing and distance of North 21°40'14" East, 382.43 feet; thence Northeasterly along the arc of a non-tangent curve concave Southeasterly having a radius of 1441.24 feet, through a central angle of 05°53'59", an arc length of 148.41 feet to the point of tangency of said curve, said arc being subtended by a chord bearing and distance of North 26°05'53" East, 148.34 feet; thence North 29°02'53" East, 373.29 feet to the point of curvature of a curve concave Southeasterly having a radius of 517.02 feet; thence Northeasterly along the arc of said curve, through a central angle of 39°09'19", an arc length of 353.33 feet to a point on said curve, said arc being subtended by a chord bearing and distance of North 48°37'32" East, 346.49 feet; thence North 68°05'11" East, along a non-tangent line, 70.00 feet to the Point of Beginning.

Containing 21.30 acres, more or less.



- GENERAL NOTES:**
- 1) THIS IS A BOUNDARY SURVEY.
 - 2) BEARINGS BASED ON THE WESTERLY RIGHT OF WAY LINE OF CSX RAILROAD, BEING SOUTH 21°54'49" EAST. BEARINGS DEPICTED HEREON ARE REFLECTIVE OF ADJUSTMENT OF DEED TO STATE PLANE COORDINATES AND ARE NOT TRANSCRIBED VERBATIM FROM DEEDS OF RECORD.
 - 3) SECTION AND/OR LOT LINES DEPICTED HEREON ARE GRAPHIC REPRESENTATIONS ONLY UNLESS OTHERWISE DENOTED.
 - 4) UNDERGROUND IMPROVEMENTS AND UTILITIES NOT LOCATED, EXCEPT AS EVIDENCED BY ABOVE GROUND FEATURES THEREOF.
 - 5) CERTAIN BOUNDARY INFORMATION AND IMPROVEMENTS DEPICTED HEREON PER PREVIOUS SURVEY BY ETM SURVEYING & MAPPING, INC., FILE NO. 127E-11.00A, DATED NOVEMBER 16, 2020.



- LEGEND:**
- O.R.B. OFFICIAL RECORDS BOOK
 - R/W RIGHT OF WAY
 - P.C. POINT ON CURVE
 - P.R.C. POINT OF REVERSE CURVATURE
 - P.T. POINT OF TANGENCY
 - R RADIUS
 - Δ CENTRAL ANGLE
 - L ARC LENGTH
 - CB CHORD BEARING
 - CH CHORD DISTANCE
 - C.R. COUNTY ROAD
 - F.D.O.T. FLORIDA DEPARTMENT OF TRANSPORTATION
 - S.R. STATE ROAD
 - S.R.D. STATE ROAD DEPARTMENT

ETM
Surveying & Mapping, Inc.
VISION • EXPERIENCE • RESULTS
14775 Old St. Augustine Road, Jacksonville, FL 32258
Tel: (904) 642-8550 Fax: (904) 642-4165
Certificate of Authorization No.: LB 3624

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Digital Signature by: Bob L. Pittman, P.S.M.

BOB L. PITTMAN
PROFESSIONAL SURVEYOR AND MAPPER
STATE OF FLORIDA PSM No. 4827

SCALE 1"=200'
DATE MAY 21, 2021

ORDINANCE NO. _____

AN ORDINANCE OF THE CITY COUNCIL OF GREEN COVE SPRINGS FLORIDA AUTHORIZING THE CONVEYANCE OF CITY OWNED REAL PROPERTY GENERALLY DESCRIBED AS A 21.3 ACRE TRACT OF LAND IN THE SOUTHEAST CORNER OF PARCEL ID #016515-02-002-00, ADJACENT TO THE CSX RAILROAD, PURSUANT TO SECTION 2.12 (7) OF THE CITY CHARTER; PRESCRIBING THAT THE PRECISE TERMS AND CONDITIONS FOR THE CONVEYANCE WILL BE CONTAINED IN A SUBSEQUENT RESOLUTION OF THE CITY COUNCIL; PROVIDING REPEALER, SEVERABILITY, AND SETTING AN EFFECTIVE DATE.

WHEREAS, DR Horton, Inc. (“Horton”), is developing a subdivision West of Highway 17 and South of Cooks Lane on part of the old Gustafson Dairy property and the City of Green Cove Springs (“City”) and Horton are exchanging real property in order to provide a more appropriate access into the subject subdivision; and,

WHEREAS, the City Council has determined that the exchange of the properties will be in the best interest of the City’s health, safety, and welfare, and is being done for a public purpose.

NOW, THEREFORE BE IT ENACTED BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA AS FOLLOWS:

Section 1. The City is hereby authorized to convey that certain real property described in Exhibit “A”, attached hereto, to DR Horton, Inc., or their designee in exchange for real property to be conveyed to the City of approximate equal or more value.

Section 2. The terms and conditions of the exchange, including the property to be conveyed to the City will be contained in subsequent resolution of the City Council.

Section 3. Severability. If any provision of this ordinance or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect any other provision or application of this ordinance which can be given effect without the invalid provision or application.

Section 4. Repealer. All Ordinances or parts of Ordinances insofar as they are inconsistent or in conflict with the provisions of this Ordinance are hereby repealed to the extent

of any conflict.

Section 5. Effective Date. This Ordinance shall take effect immediately upon its final adoption by the City Council.

INTRODUCED AND APPROVED AS TO FORM ONLY ON THE FIRST READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, ON THIS 2nd DAY OF MAY, 2023.

CITY OF GREEN COVE SPRINGS, FLORIDA

By: _____
Daniel M. Johnson, Mayor

ATTEST: _____
Erin West, City Clerk

PASSED ON SECOND AND FINAL READING BY THE CITY COUNCIL OF GREEN COVE SPRINGS, FLORIDA, THIS 16th DAY OF MAY, 2023.

CITY OF GREEN COVE SPRINGS, FLORIDA

By: _____
Daniel M. Johnson, Mayor

ATTEST: _____
Erin West, City Clerk

APPROVED AS TO FORM:

L. J. Arnold III, City Attorney

EXHIBIT “A”

Tax Parcel Number **38-06-26-016515-002-00**

LEGAL DESCRIPTION

A portion of Section 38 of the George I.F. Clarke Grant, Township 6 South, Range 26 East, Clay County, Florida, being a portion of those lands described as Parcel “A” and recorded in Official Records Book 3316, page 1098, of the Public Records of said county, being more particularly described as follows:

For a Point of Reference, commence at the intersection of the Southerly right of way line of Green Cove Avenue, a variable width right of way as presently established, with the Westerly right of way line of CSX Railroad, a 100 foot right of way as presently established; thence South 21°54’49” East, along said Westerly right of way line, 1424.74 feet to the Point of Beginning.

From said Point of Beginning, thence continue South 21°54’49” East, along said Westerly right of way line, 1502.39 feet to the Northeast corner of those lands described and recorded in Official Records Book 3855, page 1391, of said Public Records; thence North 77°06’26” West, departing said Westerly right of way line and along the Northerly line of last said lands and along the Southerly line of said Parcel “A”, 1313.50 feet; thence North 12°52’16” East, departing said Southerly line, 31.45 feet to the point of curvature of a curve concave Easterly having a radius of 1250.00 feet; thence Northerly along the arc of said curve, through a central angle of 17°35’55”, an arc length of 383.94 feet to a point on said curve, said arc being subtended by a chord bearing and distance of North 21°40’14” East, 382.43 feet; thence Northeasterly along the arc of a non-tangent curve concave Southeasterly having a radius of 1441.24 feet, through a central angle of 05°53’59”, an arc length of 148.41 feet to the point of tangency of said curve, said arc being subtended by a chord bearing and distance of North 26°05’53” East, 148.34 feet; thence North 29°02’53” East, 373.29 feet to the point of curvature of a curve concave Southeasterly having a radius of 517.02 feet; thence Northeasterly along the arc of said curve, through a central angle of 39°09’19”, an arc length of 353.33 feet to a point on said curve, said arc being subtended by a chord bearing and distance of North 48°37’32” East, 346.49 feet; thence North 68°05’11” East, along a non-tangent line, 70.00 feet to the Point of Beginning.

Containing 21.30 acres, more or less.