

# JUPITER TOWN HALL - PHASE 2

## PHASE 2 - DEMOLITION OF EXISTING TOWN HALL AND COMPLETION OF SITE WORK / TOWN GREEN

210 Military Trail, Jupiter, FL 33458



S + A Project No. 21004

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# 宋

Song + Associates

Architecture • Planning • Interior Design

100% CONSTRUCTION DOCUMENTS

05/16/2024

TO THE BEST OF MY KNOWLEDGE, THESE DRAWINGS AND THE PROJECT MANUAL ARE COMPLETE AND COMPLY WITH "THE FLORIDA BUILDING CODE", THE "FLORIDA FIRE PREVENTION CODE", AND OTHER APPLICABLE CODES AND REGULATIONS. AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH FBC CH. 105 AND 633 FLORIDA STATUTES.

SET NO.



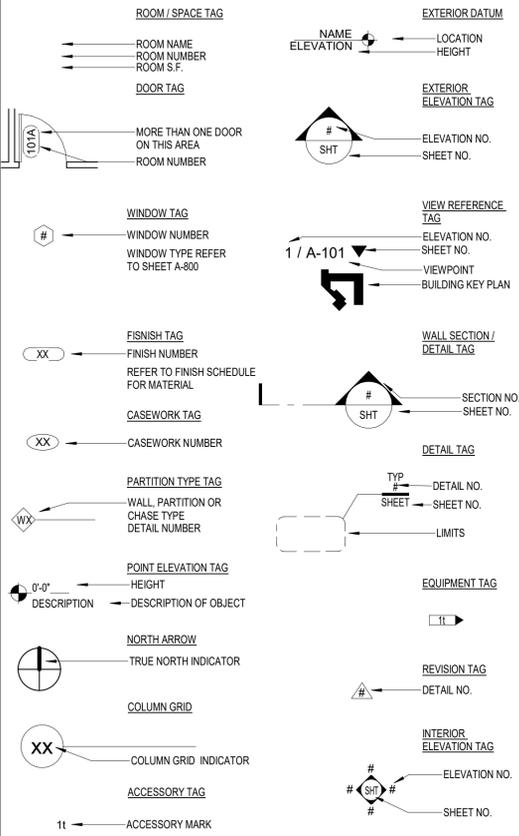
Name: ROBERT M. CASTROVINCI  
License #: AR98054

# ABBREVIATIONS AND TERMS

LISTED HERE AND USED THROUGHOUT THE DRAWINGS ARE SONG + ASSOCIATES, INC. OFFICE STANDARDS FOR CONSTRUCTION TERMINOLOGY. OTHER ACCEPTED ENGLISH ABBREVIATIONS OTHER THAN THE FOLLOWING MAY BE USED.

@	AT	LT.WT	LIGHT WEIGHT
A.B.	ANCHOR BOLT	MAINT	MAINTENANCE
A.F.	ACCESS FLOOR	MANUF	MANUFACTURER
ACT	ACOUSTICAL CEILING TILE	MAS	MASONRY
AFF	ABOVE FINISH FLOOR	MATL	MATERIAL
AHU	AIR HANDLER UNIT	MAX	MAXIMUM
ALUM	ALUMINUM	MB	MARKER BOARD
ASB	ASBESTOS	MECH	MECHANICAL
ASPH	ASPHALT	MEZZ	MEZZANINE
BU.R.	BUILT-UP ROOF	MH	MANHOLE
BD	BOARD	MIN	MINIMUM
BITUM	BITUMINOUS	MO	MASONRY OPENING
BLDG	BUILDING	MSL	MEAN SEA LEVEL
BLK(G)	BLOCK(ING)	MTL	METAL
BM	BEAM	N/A	NOT APPLICABLE
BRG	BEARING	NC	NON-COMBUSTIBLE
BTM	BOTTOM	NIC	NOT IN CONTRACT
C.B.	CATCH BASIN	NO / #	NUMBER
C.I.P	CAST IN PLACE	NTS	NOT TO SCALE
CAB	CABINET	O TO O	OUT TO OUT
CJ	CONTROL JOINT	OA	OVERALL
CKT	CIRCUIT	OC	ON CENTER
CL	CENTER LINE	OCC	OCCUPANCY
CLG	CEILING	OD	OUTSIDE DIMENSION
CLR	CLEAR	OPNG	OPENING
CM	CONCRETE MONUMENT	OPP	OPPOSITE
CMU	CONCRETE MASONRY UNIT	PBD	PARTICLE BOARD
COL	COLUMN	PL	PLASTIC
CONC	CONCRETE	PL	PROPERTY LINE
CONN	CONNECTION	PLMB	PLUMBING
CONT	CONTINUOUS	PLYWD	PLYWOOD
CORR	CORRIDOR	PPG	POLISHED PLATE GLASS
CP	CEMENT PLASTER	PR	PAIR
CPT	CARPET	PRFB	PREFABRICATED
CSK	COUNTERSUNK	PROJ	PROJECTION PERPENDICULAR
CT	CERAMIC TILE	PT	PRESSURE TREATED
CU	COPPER	PTD	PAINTED
D.F.	DRINKING FOUNTAIN	PTD	PAPER TOWEL DISPENSER
DEMO	DEMOLITION	PTN	PARTITION
DET	DETAIL	PTW	PAPER TOWEL WASTE
DIA	DIAMETER	QT	QUARRY TILE
DIAG	DIAGONAL	R	RISER
DIM	DIMENSION	RAD	RADIUS
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DISTRN	DISTRIBUTION	RD	ROOF DRAIN
DN	DOWN	RECMND	RECOMMENDED
DP	DAMP PROOFING	REF	REFERENCE
DR	DOOR	REINF	REINFORCED
DS	DOWNSPOUT	RENO	RENOVATION
DVTL	DOVETAIL	REQD	REQUIRED
DW	GYPSUM DRYWALL	RESIL	RESILIENT
DWG	DRAWINGS	REV	REVISION
EA	EACH	RI	RIDGE
EC	EXPOSED CONSTRUCTION	RM	ROOM
EFIS	EXTERIOR INSULATION FINISHING SYSTEM	RO	ROUGH OPENING
EJ	EXPANSION JOINT	ROW	RIGHT OF WAY
EL	ELEVATOR	RP	REFERENCE POINT
ELEC	ELECTRICAL(AL)	RWL	RAIN WATER LEADER
ELEV	ELEVATION	SW	SIDEWALK
ENT	ENTRANCE	SC	SOLID CORE
EQ	EQUAL	SCFW	SOLID CORE FLUSH WOOD
ERCP	ELLIPTICAL REINFORCED CONCRETE PIPE	SCW	SOLID CORE WOOD
EWC	ELECTRICAL WATER COOLER	SEAL	SEALANT
EXIST	EXISTING	SECT	SECTION
EXP	EXPOSED	SF	SQUARE FOOT
EXPN	EXPANSION	SHWR	SHOWER
EXT	EXTERIOR	SM	SHEET METAL
FACP	FIRE ALARM CONTROL PANEL	SND	SANITARY NAPKIN DISPOSAL
FATP	FIRE ALARM TRANSDUCER PANEL	SP	SPACE
FD	FLOOR DRAIN	SPEC	SPECIFICATION
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	SQ	SQUARE
FE	FIRE EXTINGUISHER	SS	STAINLESS STEEL
FEC	FIRE EXTINGUISHER CABINET	STL	STEEL
FHC	FIRE HOSE CABINET	STRUCT	STRUCTURAL
FIN	FINISHED	SUSP	SUSPENDED
FLM	FULL LENGTH MIRROR	T	TREAD
FLR	FLOOR	T&B	TOP & BOTTOM
FOS	FACE OF BLOCK	T&G	TONGUE & GROOVE
FOS	FACE OF SLAB	TB	TACK BOARD
FOW	FACE OF WALL	TBM	TEMPORARY BENCH MARK
FPFG	FIREPROOFING	TE	TELEPHONE
FR	FRAME	TEXT	TEXTURED
FT	FOOT	THRESH	THRESHOLD
FTG	FOOTING	TMPO	TEMPERED
FURN	FURNISH	TMPO GL	TEMPERED GLASS
FV	FIELD VERIFY	TOC	TOP OF CONCRETE
GA	GAUGE	TOF	TOP OF FOOTING
GALV	GALVANIZED	TOG	TOP OF GRADE
GB	GRAB BAR	TOP	TOP OF PAVING
GE	GRATE ELEVATION	TOS	TOP OF STEEL
GFI	GROUND FAULT INTERRUPT	TPH	TOILET PAPER HOLDER
GI	GALVANIZED IRON	TYP	TYPICAL
GND	GROUND	UG	UNDERGROUND
GS	GRAVEL STOP	UL	UNDERWRITERS LAB
GWB	GYPSUM WALLBOARD	UNO	UNLESS NOTED OTHERWISE
GYP	GYPSUM	UR	URNAL
HACP	HANDICAPPED	VB	VINYL BASE
HC	CONCRETE HARDENED & SEALED	VCT	VINYL COMPOSITION - TILE
HC	HOSE CONNECTION	VERT	VERTICAL
HDW	HARDWARE	VEST	VESTIBULE
HGT	HEIGHT	VIF	VERIFY IN FIELD
HID	HIGH INTENSITY DISCHARGE	VP	VENEER PLASTER
HM	HOLLOW METAL	VQ	VALLEY
HORIZ	HORIZONTAL	VWC	VINYL WALL COVERING
HP	HIGH POINT	W	WITH
HR	HANDRAIL	WC	WATER CLOSED
I.D.	INSIDE DIMENSION	WD	WINDOW DIMENSION
IAW	IN ACCORDANCE WITH	WD	WOOD
ID	INSIDE DIAMETER	WDW	WINDOW
IE	INVERT ELEVATION	WH	WATER HEATER
IN	INCH	WP	WORKING POINT
INSUL	INSULATION	WP(G)	WATERPROOFING
INV	INVERT	WWF	WELDED WIRE FABRIC
JAN	JANITOR		
JT	JOINT		
LR	LIMEROCK		
LAM	LAMINATED		
LBS	POUNDS		
LF	LINEAR FEET		
LG	LENGTH		
LLV	LONG LEG VERTICAL		
LP	LOW POINT		

# DRAWING SYMBOLS AND INDICATORS



# MATERIALS PATTERN LEGEND

ELEVATION	SECTION	PLAN	
			EARTH FILL MATERIAL
			POROUS FILL (STONE, GRAVEL, ETC.)
			CAST IN PLACE CONCRETE
			PRECAST CONCRETE CAST STONE
			BRICK
			CONCRETE MASONRY UNIT (LARGE SCALE)
			CONCRETE MASONRY UNIT (SMALL SCALE)
			STEEL (LARGE SCALE)
			ALUMINUM (LARGE SCALE)
			STONE VENEER
			METAL (SMALL SCALE)
			ROUGH WOOD (CONTINUOUS)
			ROUGH WOOD (INTERMATTING BLOCKING)
			WOOD FINISH
			PLYWOOD (LARGE SCALE)
			PLYWOOD (SMALL SCALE)
			PARTICLE BOARD
			INSULATION (BATH)
			RIGID INSULATION (ROOF OR WALL)
			CERAMIC TILE
			PLASTER, SAND, CEMENT, GROUT, GYPSUM BOARD
			MARBLE
			GLASS

# DRAWING SHEET INDEX

SHEET NO.	SHEET TITLE	ISSUE DATE	REVISION NO.	REVISION DATE
<b>GENERAL</b>				
--	COVER	05/16/24		
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<b>CIVIL</b>				
C-000	COVER SHEET	05/16/24		
C-001	GENERAL NOTES	05/16/24		
C-100	SITE PLAN	05/16/24		
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C-311	EROSION CONTROL DETAILS	05/16/24		
C-500	HORIZONTAL CONTROL PLAN	05/16/24		
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C-601	CROSS SECTIONS	05/16/24		
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C-611	PAVING GRADING AND DRAINAGE DETAILS	05/16/24		
C-612	PAVING GRADING AND DRAINAGE DETAILS	05/16/24		
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C-800	FIRE TRUCK TURNING PLAN	05/16/24		
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L-103	OVERALL DISPOSITION PLAN	05/16/24		
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P2 E-011	PHASE 2 LIGHTING DETAILS & SCHEDULE	05/16/24		

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# LOCATION MAP



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# JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 Military Trail,  
Jupiter, FL 33458

Key Plan:

REVISION	DATE

Date: 05/16/2024  
S+A Project No.: 21004  
Owner Project No.:  
Drawn By: WS  
Checked By: RC PD  
Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:  
**SHEET INDEX, VICINITY MAP, GENERAL NOTES**

Sheet #:  
**G-100**



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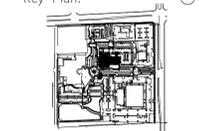
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### JUPITER TOWN HALL - PHASE 2



### TOWN OF JUPITER 210 MILITARY TRAIL JUPITER, FL 33458

Key Plan:



Revisions :

Date : 05/16/2024

S+A Project No : 21004

Owner Project No :

Drawn By : LM

Checked By : JAW

Phase :  
100% CONSTRUCTION DOCUMENTS

Sheet Title :

### COVER SHEET

Sheet # :

C-000

# CONSTRUCTION PLANS FOR JUPITER TOWN HALL - PHASE 2 PREPARED FOR TOWN OF JUPITER



PROJECT LOCATION  
PALM BEACH COUNTY

## PROJECT TEAM

### OWNER

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### CIVIL ENGINEER

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PROJECT LOCATION  
210 NORTH MILITARY TRAIL  
JUPITER, FL 33458  
VICINITY MAP  
SECTION: 1 TOWNSHIP: 41S RANGE: 42E

## AGENCY CONTACTS

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- WORK RELATED TO THE NEW UNDERGROUND FPL POWER FEED CONDUIT, BOXES AND VAULT MODIFICATIONS SHALL BE PERMITTED UNDER A SEPARATE ENGINEERING PERMIT APPLICATION.
- WORK RELATED TO THE TOWN FIBER OPTIC IT CABLE SYSTEM CONDUIT, BOX/VAULT AND CABLE SYSTEM MODIFICATIONS SHALL BE PERMITTED UNDER A SEPARATE ENGINEERING PERMIT APPLICATION.
- A PRECONSTRUCTION MEETING SHALL BE SCHEDULED AND CONDUCTED PRIOR TO PERFORMING ANY WORK COVERED UNDER THE ENGINEERING PERMIT FOR PHASE 2.
- PHASE 1 WORK AREAS SHOWN IN THIS PLAN SET WERE PERMITTED UNDER ENGINEERING PERMIT #22-2458-EU

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

VERTICAL DATUM  
ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929.  
NGVD '29 ELEVATION - 1.526 = NAVD '88 ELEVATION

CALL 2 WORKING DAYS BEFORE YOU DIG  
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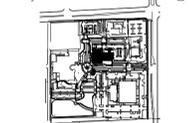
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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER 210 MILITARY TRAIL JUPITER, FL 33458

Key Plan:



Revisions :

Date : 05/16/2024

S+A Project No. : 21004

Owner Project No. :

Drawn By : LM

Checked By : JAW

Phase :

100% CONSTRUCTION DOCUMENTS

Sheet Title :

Sheet # :

C-001

GENERAL CONSTRUCTION NOTES

- 1. THE CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN A COPY OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (LATEST EDITION), AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AGENCIES AUTHORITY, SPECIFICATIONS AND OTHER REQUIREMENTS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS IF REQUIRED PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONSTRUCTION DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS AND COPIES OF ANY REQUIRED CONSTRUCTION PERMITS.
6. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE COMMENCING WORK.
7. ALL COPIES OF COMPACTION, CONCRETE AND OTHER REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER DIRECTLY FROM THE TESTING AGENCY.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER A CERTIFIED RECORD SURVEY SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION WHICH SHALL BE RECORDED AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS AND SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS TO THE OWNER FOR CERTIFICATION TO THE JURISDICTIONAL AGENCIES AS REQUIRED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS.
11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ALL QUANTITIES, TAKE-OFF MEASUREMENTS, MATERIALS, ETC. DURING THE BID PROCESS WHEN DISCREPANCIES OCCUR.
12. THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO WITHIN THE LIMITS OF CONSTRUCTION.
13. CONTRACTOR IS ADVISED THAT THE U.S. ENVIRONMENTAL PROTECTION AGENCY REQUIRES THAT ALL OPERATORS FILE A NOTICE OF INTENT (NOI) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY UNDER THE NPDES GENERAL PERMIT PRIOR TO BEGINNING WORK.
14. FLORIDA LAW (F.S. 553.851) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION WITHOUT FIRST OBTAINING INFORMATION CONCERNING THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF PROPOSED EXCAVATION.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE LOCAL ELECTRICAL PROVIDER ON ANY WORK IN THE VICINITY OF OVERHEAD OR UNDERGROUND POWER LINES.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL PLANS RELATED TO SITE WORK INCLUDING (BUT NOT LIMITED TO) LANDSCAPE, IRRIGATION, SITE LIGHTING, BUILDING FOUNDATION, PLUMBING, FIRE SPRINKLER, AND OTHER APPLICABLE PLANS FOR CONFLICTING INFORMATION AND ALERT OWNER'S REPRESENTATIVE OF ANY CONFLICT FOR RESOLUTION.
17. CONTRACTOR SHALL VERIFY LOCATION OF ALL IRRIGATION, STREET LIGHTING, AND ELECTRICAL CONDUIT THAT WILL BE IN CONFLICT WITH ANY PROPOSED CONSTRUCTION AND SHALL RESOLVE CONFLICT ACCORDING TO THE COST OF CONFLICT RESOLUTION SHALL BE INCURRED IN THE BID.
18. ANY DEBRIS RESULTING FROM STRIPPING AND DEMOLITION OPERATIONS SHALL BE REMOVED FROM THE SITE AT FREQUENT INTERVALS TO PREVENT THIS MATERIAL FROM ACCUMULATING ON SITE.
19. UPON REMOVAL OF TREES, SHRUBS OR ANY STUMP GRINDING, NO ROOT GREATER THAN THREE INCHES IN DIAMETER SHALL REMAIN WITHIN FIVE FEET OF AN UNDERGROUND STRUCTURE OR UTILITY LINE OR UNDER SLABS OR FOOTINGS OR PAVED AREAS.
20. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.

DEMOLITION NOTES

- 1. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
2. THE OWNER MAY DESIGNATE ADDITIONAL ITEMS TO BE SALVAGED AND PROVIDED TO THE OWNER.
3. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC. LOCATED WITHIN THE PROJECT SITE.
4. THE CONTRACTOR SHALL REFER TO THE DEMOLITION PLAN AND LANDSCAPE PLAN FOR DEMOLITION/PRESERVATION OF EXISTING TREES.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER.

SURVEY DATA

- 1. THE CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO SURVEY MARKERS DURING CONSTRUCTION.
2. BENCHMARK LOCATION AND ELEVATION ARE AS REPRESENTED BY SURVEYOR AT THE TIME OF SURVEY.
3. ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (N.G.V.D. 29).

INTERUPTION OF EXISTING UTILITIES

ANY CONSTRUCTION WORK THAT REQUIRES INTERRUPTION OF SERVICE TO ANY CUSTOMER SHALL BE DONE SO WITH A MINIMUM OF SEVENTY-TWO (72) HOUR NOTICE TO, AND WRITTEN APPROVAL BY THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL ARRANGE A MEETING WITH THE LOCAL JURISDICTIONAL AGENCIES AND OTHER GOVERNING AGENCIES, AND OTHER AFFECTED UTILITIES PRIOR TO SCHEDULING THE SHUTDOWN TO ASSESS THE SCOPE OF WORK, ALL SYSTEM SHUT DOWNS SHALL BE SCHEDULED BY THE CONTRACTOR AT SUCH TIME THAT SYSTEM DEMAND IS LOW, THIS GENERALLY REQUIRES NIGHT TIME WORK BY THE CONTRACTOR AND REQUIRES FULL TIME INSPECTION BY A REPRESENTATIVE OF THE UTILITY. ALL COST FOR OVERTIME WORK BY THE REPRESENTATIVE OF THE UTILITY SHALL BE BORNE BY THE CONTRACTOR. EACH CUSTOMER AFFECTED BY THE SHUT DOWN SHALL BE PROVIDED, MINIMUM, FORTY-EIGHT (48) HOURS WRITTEN NOTIFICATION BY THE CONTRACTOR.

PAVING, GRADING, AND DRAINAGE NOTES

- 1. ALL PAVING, CONSTRUCTION, MATERIALS, AND WORKMANSHIP WITHIN PUBLIC PROPERTY OR PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH LOCAL COUNTY OR STATE SPECIFICATIONS AND STANDARDS (LATEST EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (LATEST EDITION) IF NOT COVERED BY LOCAL OR COUNTY REGULATIONS, WHICHEVER IS MOST RESTRICTIVE.
2. ALL UNPAVED AREAS DISTURBED BY CONSTRUCTION SHALL BE REGRADED AND SODED, UNLESS OTHERWISE NOTED.
3. TRAFFIC CONTROL ON ALL FDOT, LOCAL, AND COUNTY RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (9TH EDITION) AND THE REQUIREMENTS OF THE STATE AND ANY LOCAL AGENCY HAVING JURISDICTION.
4. THE CONTRACTOR SHALL GRADE THE SITE TO THE ELEVATIONS INDICATED AND SHALL REGRADE WASHDISHES WHENEVER THERE IS ANY EXCESS OF WATER.
5. ALL OPEN AREAS WITHIN THE PROJECT SITE SHALL BE SODED WITH BAHIA SOD UNLESS INDICATED OTHERWISE ON THE ENGINEERING OR LANDSCAPE PLANS.
6. ALL AREAS INDICATED AS PAVEMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TYPICAL PAVEMENT SECTIONS AS INDICATED ON THE DRAWINGS.

- 7. WHERE EXISTING PAVEMENT IS INDICATED TO BE REMOVED AND REPLACED, THE CONTRACTOR SHALL SAW CUT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND REPLACE THE PAVEMENT WITH THE SAME TYPE AND DEPTH OF MATERIAL AS EXISTING OR AS INDICATED.
8. WHERE NEW PAVEMENT MEETS THE EXISTING PAVEMENT, THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT A MINIMUM 2" DEEP FOR A SMOOTH AND STRAIGHT JOINT AND MATCH THE EXISTING PAVEMENT ELEVATION WITH THE PROPOSED PAVEMENT UNLESS OTHERWISE INDICATED.
9. THE CONTRACTOR SHALL INSTALL FILTER FABRIC OVER ALL DRAINAGE STRUCTURES FOR THE PROTECTION OF CONSTRUCTION AND UNDER ACCEPTANCE BY THE OWNER.
10. IF BETWEARING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.
11. CONTRACTOR TO STRIP TOPSOIL AND ORGANIC MATTER FROM ALL AREAS OF THE SITE AS REQUIRED, IN SOME CASES TOPSOIL MAY BE STOCKPILED ON SITE FOR PLACEMENT WITHIN LANDSCAPE AREAS BUT ONLY AS DIRECTED BY THE OWNER.
12. FIELD DENSITY TESTS SHALL BE TAKEN AT INTERVALS IN ACCORDANCE WITH THE LOCAL JURISDICTIONAL AGENCY OR TO FDOT STANDARDS. THE EVENT THAT THE CONTRACTOR DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
13. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED AS PER PLANS. THE AREAS SHALL THEN BE SODED AS SPECIFIED IN THE PLANS. FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL A GOOD STAND OF GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE JOB SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDITIONAL COST.
14. ALL CUT OR FILL SLOPES SHALL BE 4 (HORIZONTAL) : 1 (VERTICAL) OR FLATTER UNLESS OTHERWISE SHOWN.

PRECONSTRUCTION RESPONSIBILITIES

- 1. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND ITSELF.
2. THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) AT LEAST 2 WORKING DAYS PRIOR TO BEGINNING ANY EXCAVATION.
3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
4. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
5. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
6. CONTRACTOR SHALL ADDRESS TRAFFIC CONTROL PLAN APPROVAL AS NOTED IN THE PAVING, GRADING, AND DRAINAGE NOTES HEREIN.
7. CONTRACTOR SHALL SUBMIT ALL REQUIRED SHOP DRAWINGS AND SUBMITTALS AND OBTAIN APPROVALS FOR SAME AT LEAST 1 WEEK PRIOR TO PERFORMING ANY WORK RELATED TO THE SHOP DRAWING MATERIALS.

TRENCH SAFETY ACT

- 1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.
2. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5') ARE REQUIRED, THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
A. A REFERENCE TO THE TRENCH SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
B. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
C. A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
3. WHEN A BID IS NOT SUBMITTED, THE CONTRACTOR SHALL SUBMIT THE INFORMATION LISTED IN ITEM "2" TO THE ENGINEER PRIOR TO STARTING WORK.

WATER AND SEWER UTILITY NOTES

- 1. ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.
2. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES AND GRAVITY SEWER LINES AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS.
3. EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE TOPOGRAPHIC SURVEY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER.
4. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS.
5. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER.
6. UNDERGROUND LINES SHALL BE AS-BUILT BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR BEFORE ANY CONSTRUCTION OF THE UTILITY SHALL BE BORNE BY THE CONTRACTOR.

ALL D.I.P. FORCE MAINS AND GRAVITY SEWER MAINS SHALL BE COATED INSIDE WITH POLYBOND VIRGIN POLYETHYLENE COMPLYING WITH A.S.T.M. DESIGNATION D 1248 AND HAVE A MINIMUM "N" VALUE OF 0.012. SEE PROJECT SPECIFICATIONS MANUAL FOR MORE DETAILS. OR PROTECTOR 401 CERAMIC EPOXY. ALL D.I.P. PIPE SHALL BE LAID WITH A MINIMUM OF 30' CLEAR COVER. ALL PVC PIPE SHALL BE LAID WITH A MINIMUM OF 36" CLEAR COVER.

- 14. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT WILL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER.
15. STORM SEWER, GRAVITY WASTEWATER, FORCE MAINS AND RECLAIMED WATER MAINS CROSSING UNDER POTABLE WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF TWELVE (12) INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE CROWN OF THE LOWER PIPE.
16. FORCE MAINS CROSSING RECLAIMED WATER MAINS OR STORM SEWER SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF TWELVE (12) INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND THE OUTSIDE OF THE RECLAIMED WATER MAIN OR STORM SEWER AND THE RECLAIMED WATER MAIN SHALL CROSS OVER THE FORCE MAIN.
17. AT THE UTILITY CROSSING DESCRIBED IN ITEMS 1 AND 2 ABOVE, ONE FULL LENGTH OF DUCTILE IRON WATER MAIN PIPE SHALL BE CENTERED SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE JOINTS.
18. SEWER SERVICE LATERALS SHALL CROSS UNDER WATER MAINS WITH A MINIMUM VERTICAL SEPARATION OF TWELVE (12) INCHES.
19. MAINTAIN MINIMUM TEN (10) FEET HORIZONTAL DISTANCE BETWEEN POTABLE WATER MAIN OR FORCE MAIN, RECLAIMED WATER MAIN, STORM SEWER OR GRAVITY SEWER MAIN OR ON SITE SEWAGE DISPOSAL SYSTEMS.
20. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN JOINTS AT LEAST SIX INCHES ABOVE THE OUTSIDE OF THE OTHER PIPELINE.
21. THE WATER SYSTEM SHALL BE CLEANED OF DEBRIS, FLUSHED AND TESTED FOR A PERIOD OF NOT LESS THAN 2 HOURS AT A MINIMUM STARTING PRESSURE OF 130 PSI WITH AN ALLOWABLE LEAKAGE NOT TO EXCEED THE ALLOWABLE GAL/HR IN ACCORDANCE WITH THE ANSI/AWWA C-600-05 STANDARD SECTION 4.2.2.
22. AFTER THE PRESSURE TEST, THE SYSTEM SHALL BE DISINFECTED.
23. AT THE TIME OF BACTERIOLOGICAL SAMPLING, CHLORINE RESIDUAL DETERMINATION SHALL BE MADE TO INSURE THAT CHLORINE CONCENTRATION IN THE MAIN IS NO HIGHER THAN 1.0 MG/L IN THE SYSTEM (3.0 MG/L FREE OR 4.0 MG/L COMBINED MAXIMUM), OR LESS THAN 0.2 MG/L FREE OR 0.6 MG/L COMBINED. THE RESULT SHALL BE REPORTED ALONG WITH THE BACTERIOLOGICAL TEST RESULTS.
24. ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.

Q = ALLOWABLE LEAKAGE, GALLONS/HOUR
L = LENGTH OF PIPE TESTED, FEET
D = NOMINAL DIAMETER, INCHES
P = AVERAGE TEST PRESSURE, LB/IN GAUGE

- 24. AFTER THE PRESSURE TEST, THE SYSTEM SHALL BE DISINFECTED.
25. ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.
26. UNDERGROUND LINES SHALL BE AS-BUILT BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR BEFORE ANY CONSTRUCTION OF THE UTILITY SHALL BE BORNE BY THE CONTRACTOR.

MINIMUM REQUIRED AS-BUILT INFORMATION

- 1. ALL AS-BUILT INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR, AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
2. AS-BUILTS FOR ELECTRICAL POWER FEEDS AND IT DEPT FIBER OPTIC CONDUIT SHALL DEFINE TEN PRECISE AS-BUILT LOCATIONS, BEING QUANTITY, SIZE, LOCATION, AND DEPTH.
3. STORM DRAINAGE:
A. TOP ELEVATION OF EACH MANHOLE FRAME AND COVER / GRATE AS WELL AS ALL OTHER STRUCTURES (HEADWALLS, CONTROL STRUCTURES, ETC.).
B. INVERT ELEVATION OF EACH LINE ENTERING AND LEAVING EACH STRUCTURE, INCLUDING UNDERDRAIN PIPES.
C. INVERTS OF ALL MITERED END SECTIONS
D. ACTUAL GRADE OF PIPE BETWEEN THE STRUCTURES
E. INVERT ELEVATION AND TWO HORIZONTAL TIES FROM PERMANENT VISIBLE OBJECTS TO ALL STORM SUB-OUTS.
F. CONTRACTOR SHALL PROVIDE ACCURATE AS-BUILT DIMENSIONS AND ELEVATIONS OF THE STORM WATER MANAGEMENT AREAS IMMEDIATELY AFTER FINAL GRADING AND PRIOR TO SEEDING OR SOODING OF THE SLOPES.
4. LOCATIONS AND DEPTHS OF UNDERGROUND UTILITIES.
5. REVISIONS TO ROUTING OF PIPING AND CONDUITS.
6. REVISIONS TO ELECTRICAL CIRCUITRY.
7. ACTUAL EQUIPMENT LOCATIONS.
8. CHANGES MADE BY CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVE.
9. CHANGES MADE FOLLOWING ENGINEER'S WRITTEN ORDERS.
10. FIELD RECORDS FOR VARIABLE AND CONCEALED CONDITIONS.
11. ALL SLEEVES, FITTINGS, TEES, BENDS, VALVES, ETC. SHALL BE LOCATED BY STATION/OFFSET (OR METHOD APPROVED BY ENGINEER) AND ELEVATION OF TOP OF PIPE FOR ALL CONSTRUCTED SLEEVING.
12. RECORD DRAWINGS SHALL INDICATE AS-BUILT DATA FOR EVERY ELEVATION SHOWN ON THE PLANS.
13. IF A NEW BENCHMARK LOCATION IS ESTABLISHED, CONTRACTOR SHALL PROVIDE A BENCH LOOP CLOSURE TO THE CLOSEST EXISTING BENCHMARK IN BOTH DIRECTIONS.
14. IDENTIFICATION OF ADDENDUM ITEMS ISSUED DURING BIDDING PERIOD.
15. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL AS-BUILT DATA FOR UTILITIES AND SLEEVING IS COLLECTED PRIOR TO PAVEMENT SECTION CONSTRUCTION.

CONSTRUCTION SAFETY

ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.

TOWN OF JUPITER MINIMUM STANDARDS & REQUIREMENTS FOR ENGINEERING PLANS

THE FOLLOWING STANDARD NOTES SHALL BE INCLUDED ON ENGINEERING PLAN APPLICATIONS SUBMITTED FOR REVIEW AND APPROVAL:

- 1. FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION, SHALL APPLY TO THE DESIGN AND CONSTRUCTION OF FACILITIES ON THIS SET OF ENGINEERING PLANS, UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
2. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SHALL APPLY TO THE DESIGN AND CONSTRUCTION OF FACILITIES ON THIS SET OF ENGINEERING PLANS, UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
3. THE FPA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, AND THE PALM BEACH COUNTY TYPICAL T-18 SHALL APPLY TO THE DESIGN AND CONSTRUCTION OF PAVEMENT MARKINGS, SIGNING, PMS, AND GEOMETRICS ON THIS SET OF ENGINEERING PLANS, UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
4. TRAFFIC CONTROL DEVICES (SIGNS, SIGNALS, MARKINGS, ETC.) SHALL BE IN ACCORDANCE WITH FPA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION, UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE.
5. MUCK & PEAT - IF MUCK AND PEAT ARE IDENTIFIED WITHIN RIGHTS OF WAY, EASEMENTS, OR OTHER AREAS THAT WILL BE DEVELOPED WITH ROADS, ALLEYS, PARKING SIDEWALKS, OR SIMILAR AREAS, MUCK AND PEAT MATERIAL SHALL BE REMOVED TO 10 FEET OUTSIDE OF THE DEVELOPED AREAS) AND SAID MATERIAL SHALL BE DISPOSED OF OFF-SITE, AND CLEAN GRANULAR COMPACTED BACKFILL USED TO REPLACE THE REMOVED MATERIAL.
6. IF HARDPAN LAYER MATERIAL IS ENCOUNTERED IN A LOCATION WITH A PROPOSED SWALE OR DETENTION-RETENTION AREAS, THE HARDPAN MATERIAL SHALL BE REMOVED AND REPLACED WITH CLEAN GRANULAR COMPACTED BACKFILL.
7. MINIMUM BACKFILL, SUBGRADE, AND BASE ROCK COMPACTION (DENSITY) REQUIREMENTS ARE DEFINED BELOW.
a. BACKFILL WITHIN STREET OR ALLEY RIGHT OF WAY AND AREAS TO BE IMPROVED WITH PAVING, CURBING, ACCESS TO DRIVES AND SIDEWALKS SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
b. BACKFILL WITHIN AREAS THAT WILL NOT BE IMPROVED WITH STREETS, ALLEYS, PARKING AREAS, SIDEWALKS, STRUCTURE, ETC. SHALL BE COMPACTED TO A MINIMUM OF 93% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
c. UTILITY TRENCH BACKFILL SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
d. SUBGRADE MATERIAL (MINIMUM OF 12 INCHES) FOR SIDEWALKS, ASPHALT PATHS, ROADS, ALLEYS, ETC., SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
e. BASE MATERIAL FOR ROADS, ASPHALT PATHS, ALLEYS, ETC., SHALL BE COMPACTED TO 98% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
10. TOWN OF JUPITER ENGINEERING DIVISION STANDARDS FOR ASPHALT & BACKFILL PLACEMENT, DENSITY & THICKNESS TESTING AND SOIL STABILIZATION REQUIREMENTS:
a. TYPICAL BACKFILL LIFTS SHALL NOT EXCEED 12 INCHES. THICKER LIFTS ARE ACCEPTABLE PROVIDED:
1) AN ALTERNATIVE PLACEMENT AND COMPACTION METHODOLOGY IS PREPARED AND SUBMITTED FOR REVIEW BY TOWN ENGINEERING AND STORMWATER DEPARTMENT STAFF. METHODOLOGY SHALL DEFINE MAXIMUM LIFT THICKNESS, EQUIPMENT TO BE USED FOR COMPACTION, ROUTING PATTERN AND NUMBER OF PASSES, AND OTHER APPLICABLE INFORMATION.
2) ALTERNATIVE METHOD IS PERFORMED ON A TEST STRIP/AREA AND DENSITIES ARE VERIFIED FOR FULL DEPTH OF LIFT VIA DIG DOWN AND NUCLEAR DENSITY TESTING FOR EACH 12 INCHES.
b. VERTICAL DISTRIBUTION OF DENSITY TESTING - NUCLEAR DENSITY COMPACTION TESTS ARE TO BE TAKEN ON EVERY LIFT PLACED (12" MAXIMUM THICKNESS), STARTING WITH THE BASE OF THE SPRINGLINE OF UTILITY OR AT BASE OF ANY STRUCTURE AND PROCEEDING UPWARD TO GRADE, AT THE LOCATIONS DEFINED IN ITEM 3 BELOW. IF THICKER LAYS ARE APPROVED AND IMPLEMENTED, DENSITIES SHALL BE PERFORMED VIA "DIG DOWN" TO SUFFICIENT DEPTH TO TEST EACH 12 INCHES FOR THE FULL THICKNESS OF LIFT.
c. SOIL STABILIZATION - THE SOILS IN THE JUPITER AREA REQUIRE PROPER SOIL STABILIZATION MIX DESIGNS AND STRINGENT QUALITY CONTROL OF FIELD MIXING APPLICATION OF THE DESIGN MIX IN ORDER TO OBTAIN AN EFFECTIVE STABILIZED SOIL. PARTICULARLY IF LIME SLUDGE MATERIAL IS USED. CONSTRUCTION SPECIFICATIONS SHOULD REQUIRE THAT THE SOIL BE SAMPLED AND MIX DESIGNS) PREPARED AND TESTED BY A TESTING LAB. THE MIX DESIGN SHOULD BE SPECIFIED OR OTHERWISE ADMINISTERED CLOSELY DURING FIELD INSTALLATIONS OR CONSTRUCTION, INCLUDING PERFORMANCE OF FREQUENT LAB TESTS. STABILIZED SUBGRADE SHALL BE AT A MINIMUM, BE TESTED TO MEET A MINIMUM OF LBR 40 VALUE, IN ADDITION TO FBT 75.
d. HORIZONTAL DISTRIBUTION OF DENSITY TESTING - DENSITY TESTING SHALL BE PERFORMED AT THE FOLLOWING MINIMUM LOCATIONS/HORIZONTAL SPACING PER THE VERTICAL DISTRIBUTION NOTED IN ITEM 2 ABOVE:
1) PIPE TRENCHES - TESTS SHALL BE PERFORMED AT RANDOMLY SELECTED LOCATIONS WITHIN EACH 300 FOOT INTERVAL (MAXIMUM) ALONG THE LENGTH OF A PIPE INSTALLATION, AND BETWEEN EACH SET OF STRUCTURE SPACING BY LESS THAN 300 FEET. AT LEAST ONE TEST SHALL BE PERFORMED FOR EVERY 12 INCHES, STARTING WITH THE FIRST TEST PERFORMED AT SPRINGLINE (COVERING THE 12" LAYER BELOW SPRINGLINE ELEVATION).
2) STRUCTURES - TESTS SHALL BE PERFORMED AT EACH MANHOLE OR DRAINAGE STRUCTURE. AT LEAST ONE TEST SHALL BE PERFORMED FOR EVERY 12 INCHES, STARTING WITH THE FIRST TEST PERFORMED AT BASE OF STRUCTURE (COVERING THE 12" LAYER BELOW BASE ELEVATION). TESTS SHOULD ALTERNATE FROM CORNER OR CORNER OR SIDE TO SIDE AROUND STRUCTURE WITH EACH 12 INCH INCREMENT.
3) SUBGRADE - TESTS SHALL BE PERFORMED AT RANDOMLY SELECTED LOCATIONS WITHIN EACH 300 FOOT INTERVAL (MAXIMUM) ALONG THE LENGTH OF ROADWAY, SIDEWALK OR PATHWAY, AND EVERY 6000 SQUARE FEET OF PARKING AREA.
4) BASE ROCK - TESTS SHALL BE PERFORMED AT RANDOMLY SELECTED LOCATIONS WITHIN EACH 300 FOOT INTERVAL (MAXIMUM) ALONG THE LENGTH OF ROADWAY, SIDEWALK OR PATHWAY, AND EVERY 6000 SQUARE FEET OF PARKING AREA.
5) ROAD CROSSINGS - TESTS SHALL BE PERFORMED FOR EACH 12 INCH LIFT WITHIN ANY OPEN CUT ROAD CROSSING LOCATION.
e. ASPHALT - ROADWAY AND PARKING AREA ASPHALT SHALL BE TESTED TO MEET A MINIMUM 94% OF THE MAXIMUM LABORATORY DENSITY FOR THE ASPHALT MIX DESIGN TESTING MAY BE DONE BY CORE SAMPLING OR NUCLEAR GAUGE DENSITY TESTING. FOR ROADWAY ASPHALT, TESTING SHALL BE AT MAXIMUM 300 LINEAR FOOT AND 6000 SQUARE FOOT INTERVALS. FOR PARKING AREAS, DENSITY TESTING SHALL BE BASED ON MAXIMUM FOOT INTERVALS. SHOULD DENSITY TESTING INDICATE FAILURE TO MEET THE 94% MINIMUM DENSITY, THEN ADDITIONAL LOCALIZED TESTING WILL BE REQUIRED AROUND THE FAILURE LOCATION TO DETERMINE THE EXTENT OF DEFICIENT ASPHALT DENSITY OR TO DETERMINE THAT THE FAILURE IS A LOCALIZED SPECIFIC CONDITION ONLY. THE TOWN RESERVES THE RIGHT TO REQUEST ADDITIONAL TESTING BASED ON PHYSICAL OBSERVATION OF THE ASPHALT INSTALLATION SURFACE CONDITIONS. CORE SAMPLES WILL BE REQUIRED TO SUBMIT TO THE SPECIFIED CONTACTED ASPHALT THICKNESS HAS BEEN CONSTRUCTED. FOR ROADWAYS, THE TOWN RESERVES THE RIGHT TO REQUEST ROLLING STRAIGHTEDGE TESTING ON THE TRAVEL LANES, IN ACCORDANCE WITH FDOT SPECIFICATIONS.

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS- WATER AND STORMWATER.

VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD '29) ELEVATION - 1.526 + NAVD '88 ELEVATION

CALL 2 WORKING DAYS BEFORE YOU DIG



IT'S THE LAW! DIAL 811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Plotted By: MartinezPoljo, Jeannine Sheet: Set: JUPITER TOWN HALL Layout: C-001 GENERAL NOTES May 16, 2024 11:40:50am K:\bca\d-jv\144148006 - Jupiter Town Hall\CADD\planarea\c-001 GENERAL NOTES.dwg This document, together with the concepts and designs presented herein, is an instrument of service, and is intended only for the specific purpose and client for which it was prepared. Release of this document without written authorization and adoption by the client is prohibited. Liability to Kennedy-Horn and Associates, Inc. shall be without limitation.



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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions :

Date : 05/16/2024  
S+A Project No : 21004  
Owner Project No :  
Drawn By : LM  
Checked By : JAW

Phase :  
**100% CONSTRUCTION DOCUMENTS**

Sheet Title :

**SITE PLAN**

Sheet # :

**C-100**

**SITE DATA**

NAME OF PROJECT:	TOWN OF JUPITER TOWN HALL
PROJECT NO.:	21004
PROPOSED USES:	PUBLIC/INSTITUTIONAL
FUTURE LAND USE DESIGNATION:	PUBLIC/INSTITUTIONAL
ZONING DISTRICT:	P1-PUBLIC, INDIAN ROAD OVERLAY-CIVIC/PARK WAY
PROPOSED ZONING:	PI
SECTION/TOWNSHIP/RANGE:	01/41S/42E
PROPERTY CONTROL NO.:	30-42-41-01-00-000-7210
PROPERTY AREA(PROJECT BOUNDARY):	981,557 SQ. FT.

LEGAL DESCRIPTION:  
1-41-42, NLY 1117 FT OF NE 1/4 OF SW 1/4 LYG BET SR 809 & DANIELS WAY & S OF & ADJ TO SR 706 R/WS (LESS NLY 290 FT OF WLY 314.57 FT, NLY 150.18 FT OF ELY 199.4 FT OF WLY 513.97 FT, N 140 FT OF E. 88 FT OF WLY 611.97 FT, N 190 FT OF E. 223 FT OF WLY 834.97 FT, NLY 409.37 FT OF ELY 180.01 FT OF WLY 1014.98 FT)

GROSS FLOOR AREA PER BUILDINGS	
EXISTING JUPITER COMMUNITY CENTER	55,684 FP 66,405 GSF
EXISTING NEIGHBORHOOD RESOURCE CENTER	7,006 FP 14,012 GSF
EXISTING JUPITER POLICE HEADQUARTERS	23,482 FP 38,560 GSF
NEW JUPITER TOWN HALL	27,790 FP 42,335 GSF
TOTAL	113,962 FP 161,312 GSF

FLOOR AREA RATIO (FAR) REQ. MAX. ---	
FLOOR AREA RATIO (FAR)	PROPOSED: 161,312/981,557 GSF = 0.16

BUILDING COVERAGE (40% MAX.)	PROPOSED: 113,962/981,557 GSF = 11.6%
GREEN SPACE (30% MIN.)	PROPOSED: 316,587/981,557 GSF = 32.3%

**SETBACKS**

PROPOSED TOWN HALL:	REQUIRED	PROVIDED
FRONT (EAST)	75'	404.9'
REAR (WEST)	20'	376.8'
SIDE (NORTH)	10'	445.5'
SIDE (SOUTH)	10'	313.0'

**LOADING ZONE**

PROPOSED TOWN HALL:	REQUIRED
42,335 GSF	1 - 12' X 30' LOADING ZONE

**PARKING REQUIREMENTS**

REQUIRED PARKING FOR EXISTING BUILDINGS	SPACES
EXISTING JUPITER COMMUNITY CENTER	
EXISTING NEIGHBORHOOD RESOURCE CENTER	
EXISTING POLICE HQ BUILDING	399
TOTAL PEAK HOUR DEMAND PARKING REQUIRED:	439
+10% ADDITIONAL PARKING BUFFER (TOTAL REQUIRED)	
REQUIRED PARKING FOR NEW TOWN HALL	
NEW TOWN HALL BUILDING (1 SPACE FOR EVERY 250 SF):	170
TOTAL SITE PARKING REQUIRED	609

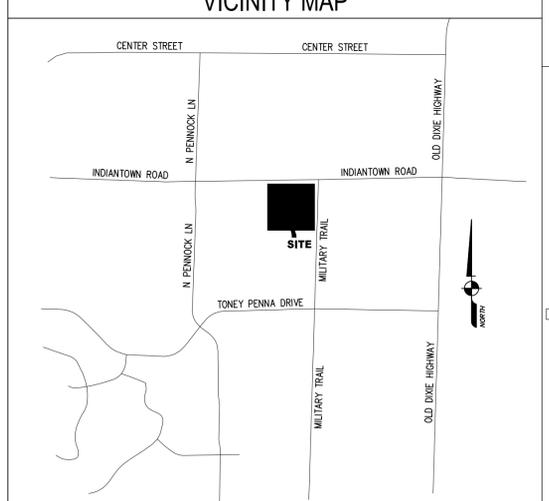
**PARKING PROVIDED**

EXISTING STANDARD SPACES - ENTIRE CAMPUS	689
EXISTING ADA SPACES - ENTIRE CAMPUS	29
TOTAL SITE PARKING REMOVED	-208
NEW TOWN HALL STANDARD SPACES PROVIDED	122
NEW TOWN HALL ADA SPACES PROVIDED	15
TOTAL SITE PARKING PROVIDED (INCLUDING ADA SPOTS)	647
ADA PARKING	
TOTAL REQUIRED ADA SPACES (2 PERCENT OF TOTAL)	13
EXISTING ADA SITE PARKING	18
PROPOSED TOWN HALL ADA SITE PARKING	15
TOTAL ADA SITE PARKING	33

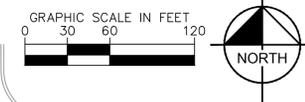
**BICYCLE PARKING**

BICYCLE PARKING REQUIRED (1 / 12,500 GSF)	13
BICYCLE PARKING PROVIDED	36

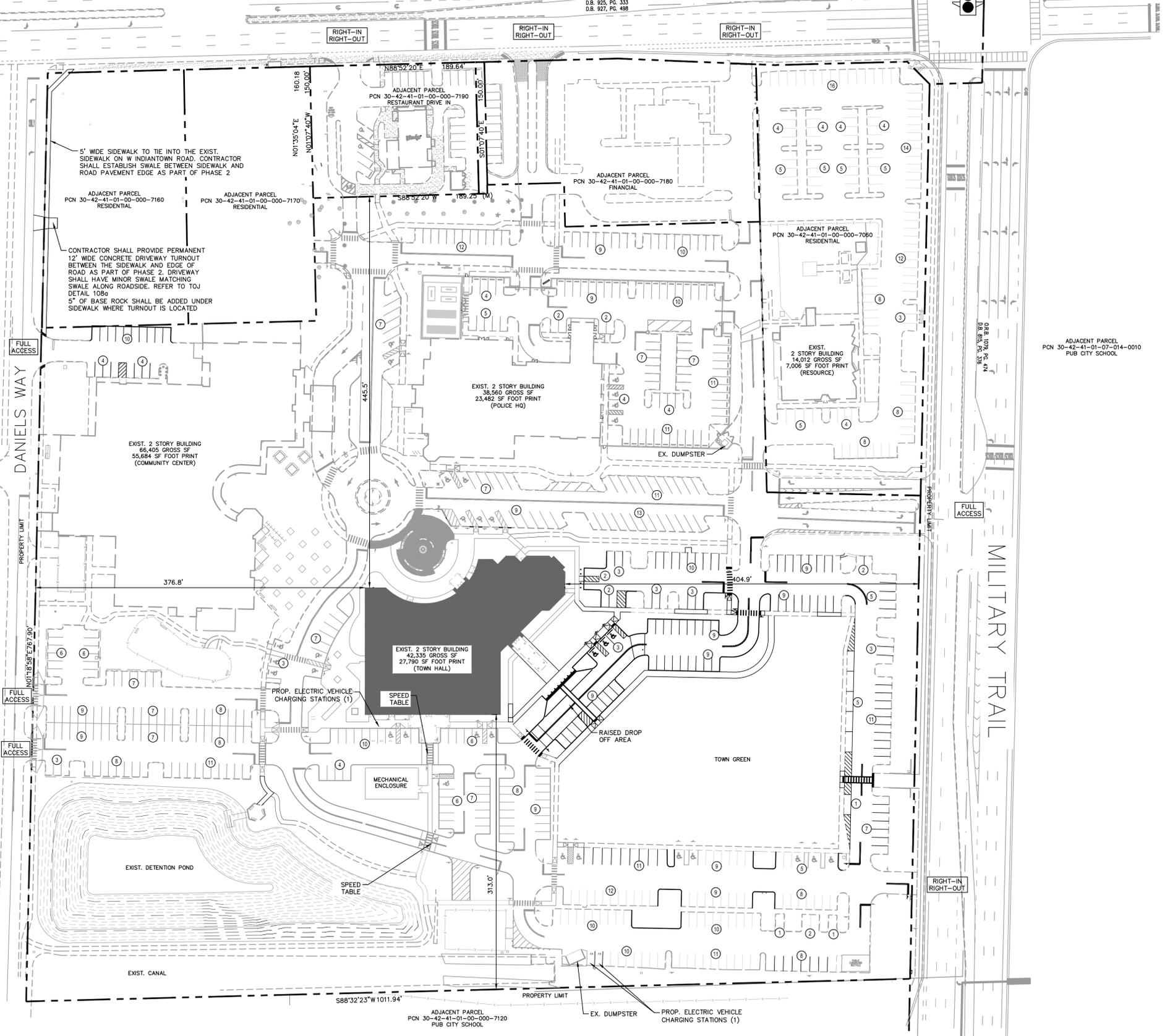
**VICINITY MAP**



LOCATION SKETCH  
NOT TO SCALE



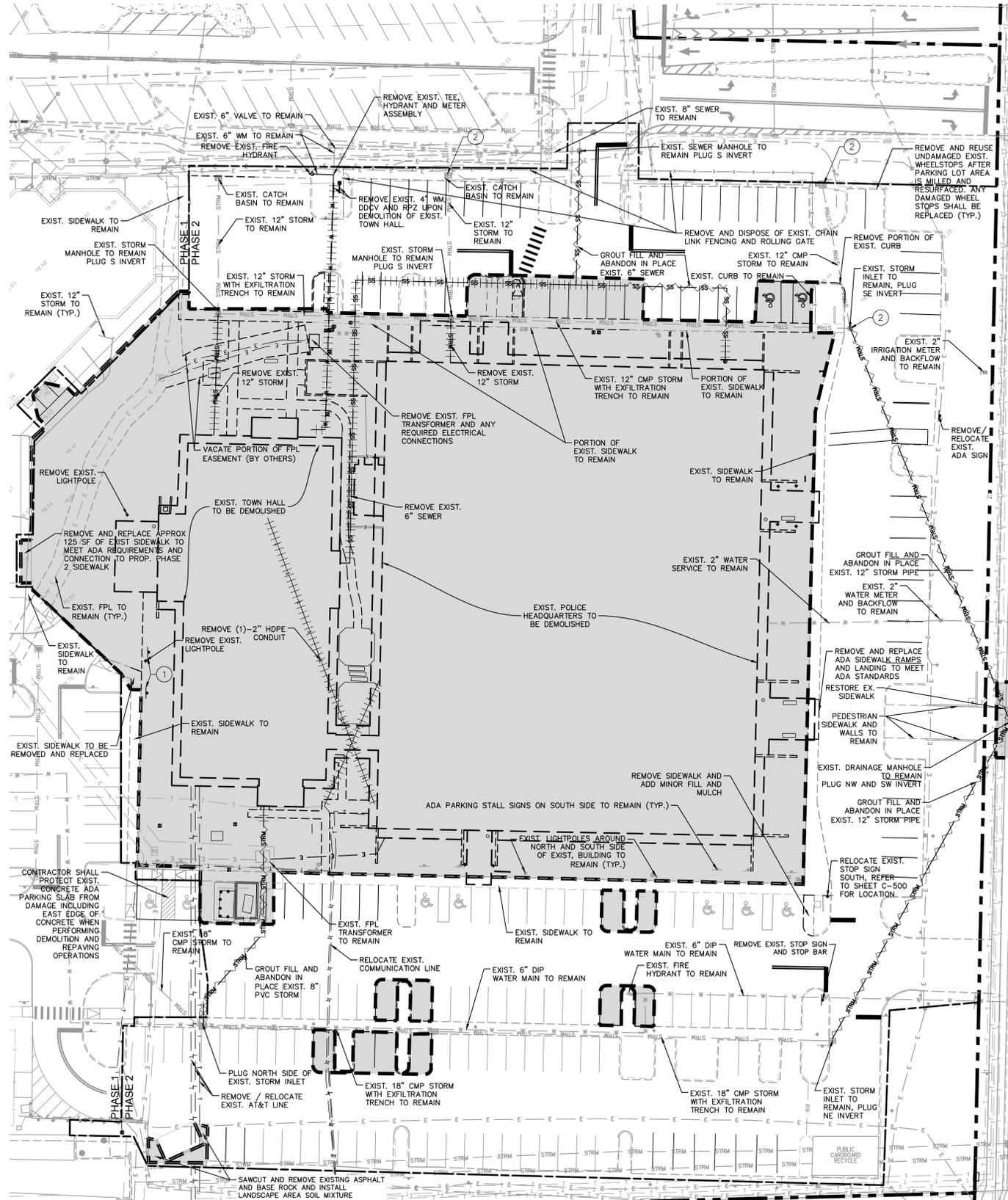
**W INDIANTOWN ROAD**



\*THIS SITE PLAN IS PROVIDED FOR REFERENCE PURPOSES AND IS NOT INTENDED TO BE USED FOR CONSTRUCTION PURPOSES (SEE CIVIL PLANS.)

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Plotted By: Meyer, Liandre Sheet: JUPITER TOWN HALL Layout: C-200 DEMOLITION PLAN May 16, 2024 07:49:33pm K:\pcc\civil\144418006 - Jupiter town hall\CADD\plansheets\C-200 DEMOLITION PLAN.dwg

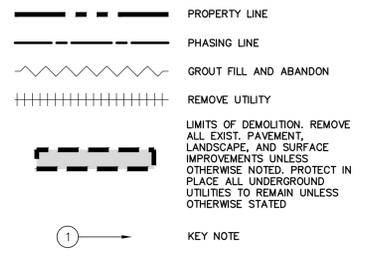


PROTECT IN PLACE ALL UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.

GENERAL NOTES

- 1. CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
2. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE AND CONSTRUCTION ACTIVITIES REQUIRE.
3. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
4. FOR TREE REMOVAL, SEE TREE DISPOSITION PLAN.
5. FOR SITE LIGHTING SEE MEP PLANS.
6. CONTRACTOR SHALL PROVIDE A PRECONDITION VIDEO OF TOWNHALL, COMMUNITY CENTER, CELL TOWER/ COMMUNICATIONS AREA, AND E.I. SOL. AREAS TO THE OWNER PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR SHALL SALVAGE ALL EXISTING LIGHT FIXTURES AND POLES, TRAFFIC CONTROL SIGNAGE, ROLLING GATE AND MAJOR ELECTRICAL EQUIPMENT TO THE TOWN OF JUPITER.
8. ENTIRE PARKING LOT WILL BE MILLED AND RESURFACED AND PARKING STALLS, STOP BARS, AND DOUBLE YELLOW SHALL BE RE-STRIPE, REFER TO SHEET C-500.
9. CONTRACTOR SHALL RESTORE ROAD AND TRENCH FOR ALL UTILITIES PER TOJ STANDARDS
10. CONTRACTOR MUST ADHERE TO ALL CONDITIONS OF APPROVAL FROM THE ORIGINAL VEGETATION REMOVAL PERMIT, PZ #22-5205, AVAILABLE UPON REQUEST AND ALSO WITHIN THE ENERGOV SYSTEM
11. CONTRACTOR MUST SCHEDULE A PRE-DEMOLITION INSPECTION WITH NATURAL RESOURCES TO VERIFY THAT ALL TREE PROTECTION FENCING IS IN PLACE PRIOR TO THE INITIATION OF ANY WORK ACTIVITIES.

LEGEND



KEY NOTES

- 1 REMOVE EXISTING SIGN AND SALVAGE TO OWNER
2 PROTECT IN PLACE EXISTING UTILITY STRUCTURE AND ADJUST RIM TO PROPOSED GRADE
3 REMOVE LIGHTPOLE AND PULLBOX. SEE MEP PLANS FOR DETAILS

NOTE: EXISTING 570'+/- OF 6'Wx4.25'D EXFILTRATION TRENCH ON NORTH AND SOUTH SIDES OF EXISTING TOWN HALL BUILDING SHALL REMAIN IN PLACE AND NOT BE IMPACTED BY CONSTRUCTION.
ALL STORMWATER, STORMWATER OUTFALLS, WATER, SEWER, ELECTRICAL, AND OTHER UTILITY DEMOLITION SHALL BE COORDINATED AND TAKE PLACE AFTER RELOCATIONS AND RECONNECTIONS ARE COMPLETE.

DEMOLITION NOTES

- 1. ANY ITEMS TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED TO THE EXISTING CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE.
2. REFER TO LANDSCAPE PLANS FOR TREE REMOVAL, RELOCATION, AND PROTECTION INFORMATION. ANY AREAS FOR LANDSCAPING SHALL HAVE ALL BASE AND SUBGRADE MATERIAL REMOVED TO A DEPTH OF 3 FEET.
3. ALL VALVE BOXES, MANHOLES, CATCH BASINS, AND OTHER ITEMS TO REMAIN SHALL BE ADJUSTED TO PROPOSED GRADE.
4. THE INTENT OF THE DEMOLITION PLAN IS TO DEPICT EXISTING FEATURES THAT ENCUMBER THE PROPOSED CONSTRUCTION AREA AND ARE SCHEDULED FOR REMOVAL OR MODIFICATION. SOME INCIDENTAL ITEMS MAY HAVE BEEN INADVERTENTLY OMITTED FROM THE PLAN. THE CONTRACTOR IS REQUIRED TO THOROUGHLY INSPECT THE SITE AS WELL AS REVIEW THE PLANS AND SPECIFICATIONS PRIOR TO SUBMITTING PRICING. CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR INCIDENTAL ITEMS NOT SHOWN ON THIS DEMOLITION PLAN.
5. THIS DEMOLITION PLAN IS BASED ON AVAILABLE UTILITY INFORMATION AND MAY OR MAY NOT BE ALL INCLUSIVE FOR THIS SITE. ANY UTILITIES ENCOUNTERED DURING DEMOLITION THAT ARE NOT DEPICTED/ADDRESSED ON THIS DRAWING SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT ENGINEER IMMEDIATELY.
6. CONTRACTOR IS REQUIRED TO OBTAIN ALL DEMOLITION AND DEWATERING PERMITS, IF APPLICABLE.
7. ALL FEATURES IDENTIFIED ON THIS PLAN WHICH ARE LISTED TO BE DEMOLISHED ARE TO BE REMOVED FROM THE SITE.
8. CONTRACTOR SHALL LIMIT ALL DEMOLITION ACTIVITIES TO THOSE AREAS DELINEATED ON THE CONSTRUCTION DRAWINGS UNLESS OTHERWISE DIRECTED BY THE OWNER OR AS REQUIRED FOR CONSTRUCTION OF IMPROVEMENTS. REFER TO PROJECT PHASING PLAN FOR PHASED AREAS OF DEMOLITION.
9. CONTRACTOR IS RESPONSIBLE FOR CONTROLLING AIRBORNE DUST AND POLLUTANTS BY USING WATER SPRINKLING OR OTHER SUITABLE MEANS OF CONTROL.
10. CONTRACTOR TO USE CARE IN HANDLING DEBRIS FROM SITE TO ENSURE THE SAFETY OF THE PUBLIC. HAUL ROUTE TO BE CLOSELY MONITORED FOR DEBRIS OR MATERIALS TRACKED ONTO ADJOINING ROADWAYS, SIDEWALKS, ETC. ROADWAYS AND WALKWAYS TO BE CLEARED DAILY OR AS NECESSARY TO MAINTAIN PUBLIC SAFETY.
11. ALL ASPHALT TO BE REMOVED SHALL BE SAW CUT ADJACENT TO REMAINING IMPROVEMENTS.
12. WHERE REMAINING, INLETS, MANHOLE COVERS, AND VALVE COVERS TO BE PROTECTED IN PAVEMENT REMOVAL AREAS. CONTRACTOR SHALL REPLACE DAMAGED STRUCTURES AT THEIR EXPENSE.
13. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC. AS APPROVED BY THE TOWN OF JUPITER AND CONSTRUCTION MANAGER.
14. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF EXISTING FACILITIES AND CONSTRUCTION OF NEW FACILITIES. SIGNAGE SHALL BE POSTED TO DIRECT THE PUBLIC TO THE PATH OF TRAVEL.
15. ALL MATERIAL REMOVED FROM THIS SITE BY THE CONTRACTOR SHALL BE DISPOSED OF BY THE CONTRACTOR IN A LEGAL MANNER.
16. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL DETAILS OF EXISTING STRUCTURES, ETC., LOCATED WITHIN THE PROJECT SITE. UNLESS OTHERWISE NOTED, ALL EXISTING BUILDINGS, STRUCTURES, SLABS, CONCRETE, ASPHALT, DEBRIS PILES, SIGNS, AND ALL APPURTENANCES ARE TO BE REMOVED FROM THE SITE BY THE CONTRACTOR AND PROPERLY DISPOSED OF IN A LEGAL MANNER AS PART OF THIS CONTRACT. SOME ITEMS TO BE REMOVED MAY NOT BE DEPICTED ON THE TOPOGRAPHIC SURVEY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE FULL EXTENT OF ITEMS TO BE REMOVED. IF ANY ITEMS ARE IN QUESTION, THE CONTRACTOR SHALL CONTACT THE OWNER PRIOR TO REMOVAL OF SAID ITEMS.
17. ALL TREE PRESERVATION AND RELOCATIONS ARE SHOWN ON AND GOVERNED BY THE TREE DISPOSITION PLAN. TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY DEMOLITION.
18. SIGNAGE PLAN IS BY OTHERS AND SHOULD BE REFER TO FOR FULL SIGNAGE DEMOLITION DETAILS.
19. CONTRACTOR MUST COORDINATE THE LIMITS OF UTILITY DEMOLITION WITH PROPOSED PLANS AND CONSTRUCTION PHASING.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY UTILITY SHUT-OFFS IF NEEDED.
21. REFER TO LANDSCAPE PLANS AND IRRIGATION PLANS FOR IRRIGATION DEMOLITION.
22. EXISTING DRAINAGE SYSTEM TO REMAIN FUNCTIONAL UNTIL NEW DRAINAGE SYSTEM IS INSTALLED.
23. ALL FIRE RELATED CONSTRUCTION SHALL FOLLOW THE NATIONAL FIRE PROTECTION ASSOCIATION 241, 2013 EDITION.
24. ALL ASPHALT, CONCRETE, LIME ROCK, ROAD BASE AND CONSTRUCTION DEBRIS SHALL BE TOTALLY REMOVED FROM ALL FUTURE LANDSCAPE/PERVIOUS AREAS TO A DEPTH OF 36" OR TO CLEAN, NATIVE SOILS, WHICHEVER IS DEEPER. THESE AREAS SHALL BE BACKFILLED WITH AN APPROPRIATE PLANTING SOIL MIXTURE AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN AND IN THE DETAIL DRAWINGS AND NOTES.



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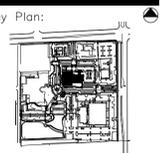
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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER
210 MILITARY TRAIL
JUPITER, FL 33458



Revisions table with columns for revision number, description, and date.

Date: 05/16/2024
S+A Project No.: 21004
Owner Project No.:
Drawn By: LM
Checked By: JAW
Phase: 100% CONSTRUCTION DOCUMENTS

Sheet Title:

DEMOLITION PLAN

Sheet #:

C-200

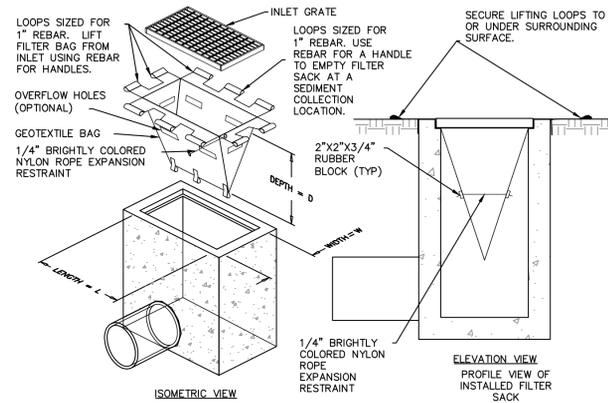


### EROSION CONTROL NOTES

- THE STORM WATER POLLUTION PREVENTION PLAN ("SWPPP") IS COMPRISED OF THIS EROSION AND SEDIMENTATION CONTROL PLAN, THE STANDARD DETAILS, AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS PROVIDED BY THE CONTRACTOR.
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY THE PERMITTING AGENCY OR OWNER.
- EROSION AND SEDIMENTATION CONTROL PLAN MUST CLEARLY DELINEATE ALL STATE WATERS. PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS MUST BE MAINTAINED ON SITE AT ALL TIMES.
- THE CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THE PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- STABILIZATION PRACTICES SHOULD BE INITIATED AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS WHERE CONSTRUCTION HAS TEMPORARILY OR PERMANENTLY CEASED.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED. THESE AREAS SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRED.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE EROSION AND SEDIMENTATION CONTROL PLAN AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES AS NECESSARY AS CONSTRUCTION PROGRESSES (SILT FENCES, ETC.) TO PREVENT EROSION.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACK FILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- EROSION AND SEDIMENTATION CONTROL PLANS PROVIDED HEREIN ARE A GUIDELINE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE FINAL STORM WATER POLLUTION PREVENTION PLAN. THE PLAN SHALL BE SUBMITTED TO THE OWNER AND ENGINEER WHICH DEMONSTRATES THE MECHANISMS AND PRACTICES THAT WILL BE EMPLOYED TO PROTECT THE CONSTRUCTION SITE AND SURROUNDING AREA DURING CONSTRUCTION. THE PLAN SHALL BE CONSISTENT WITH FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES PERMIT REQUIREMENTS PERTAINING TO POLLUTION PREVENTION PLANS. THE PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, THE LOCATIONS OF SILT BARRIERS, TURBIDITY SCREENS OR TEMPORARY SHEETING, EMERGENCY RESPONSE PRACTICES, AND OTHER METHODS TO PREVENT POLLUTION. REFUELING OR STORAGE OF VEHICLES OR EQUIPMENT THAT UTILIZE PETROLEUM BASED PRODUCTS SHALL BE PROHIBITED ANYWHERE WITHIN 50 FEET OF A WATER'S EDGE. THE PLAN SHALL BE SUBMITTED TO THE OWNER AFTER NOTICE OF AWARD AND PRIOR TO NOTICE TO PROCEED. AFTER REVIEW BY OWNER THE PLAN SHALL BE FILED WITH ALL APPLICABLE REGULATORY AGENCIES BY THE CONTRACTOR. REFER TO FURTHER NOTES AND DETAILS WITHIN THESE DOCUMENTS.
- SILT FENCE IS REQUIRED AS SHOWN ON THE PLANS AND ANYWHERE ADDITIONAL AS REQUIRED BY CONSTRUCTION. SILT FENCE IS NOT APPLICABLE IN PAVEMENT AREAS. LIMITS OF CONSTRUCTION SHOWN ARE DIAGRAMATIC. CONTRACTOR TO PROVIDE PLAN FOR SHOP DRAWING REVIEW.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

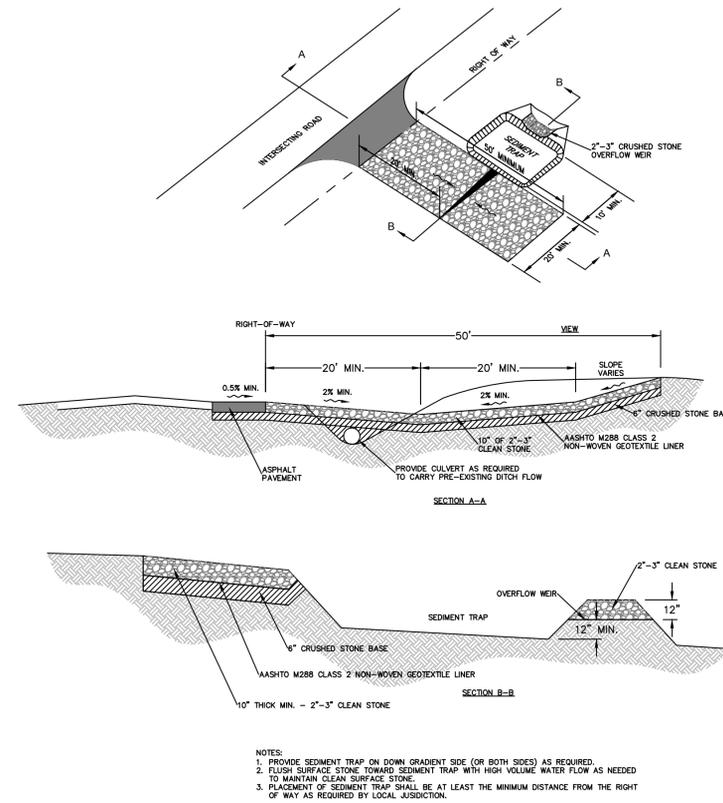
### MAINTENANCE

- ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION. INLET PROTECTION DEVICES SHALL BE CLEANED OUT AT REGULAR INTERVALS OR AS THEY BECOME FULL OF DEBRIS.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN 2 CALENDAR DAYS FOLLOWING THE INSPECTION.

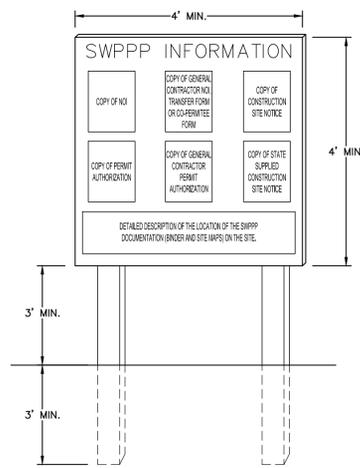


LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1
MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

**FILTER SACK INLET PROTECTION**  
NOT TO SCALE

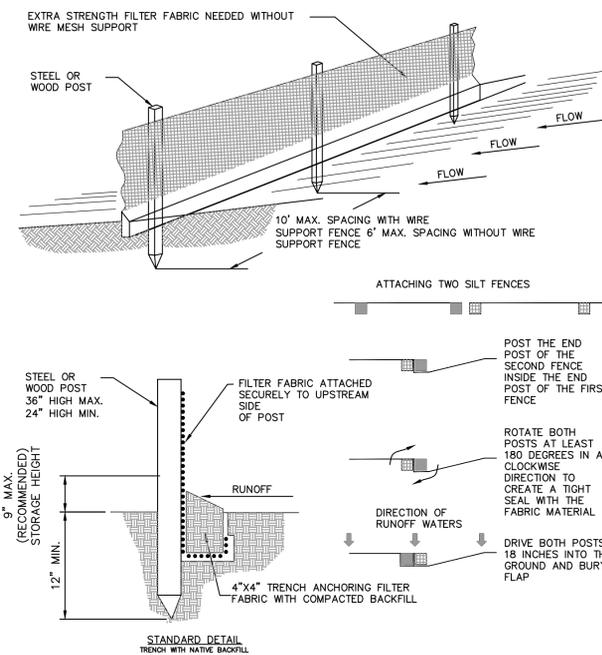


**CONSTRUCTION ENTRANCE**  
N.T.S.



- NOTES:
- "SWPPP INFORMATION" MUST BE DISPLAYED PROMINENTLY ACROSS THE TOP OF THE SIGN, AS SHOWN IN THE DETAIL.
  - SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL, SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD. SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).
  - THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE ENTRANCE/EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE/VISIBLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
  - ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
  - CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE LOCAL AGENCY.
  - SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
  - CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THIS SWPPP INFORMATION SIGN.

**SWPPP INFORMATION SIGN**  
NOT TO SCALE



- NOTE:
- INSPECT AND REPAIR FENCE EVERY 7 DAYS AND AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  - REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  - SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
  - DOUBLE ROW SILT FENCE SHALL BE INSTALLED WITH 3' HORIZONTAL SPACING.

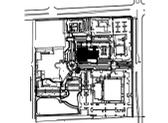
**STANDARD SILT FENCE**  
NOT TO SCALE



CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

VERTICAL DATUM  
ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929: NVD0 29 ELEVATION - 1.526 = NAVD 88 ELEVATION

TOWN OF JUPITER DETAIL  
 KIMLEY-HORN & ASSOCIATES, INC DETAIL  
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No.	Description	Date





Song + Associates

Architecture • Planning • Interior Design

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Seal:

Name: JASON A. WEBBER, P.E.  
License #: 73962

**Kimley-Horn**

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1615 S. CONGRESS AVE. STE 201  
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TEL: (561) 330-2345  
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions:

Date: 05/16/2024

S+A Project No.: 21004

Owner Project No.:

Drawn By: LM

Checked By: JAW

Phase:

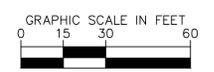
100% CONSTRUCTION DOCUMENTS

Sheet Title:

**HORIZONTAL CONTROL PLAN**

Sheet #:

C-500

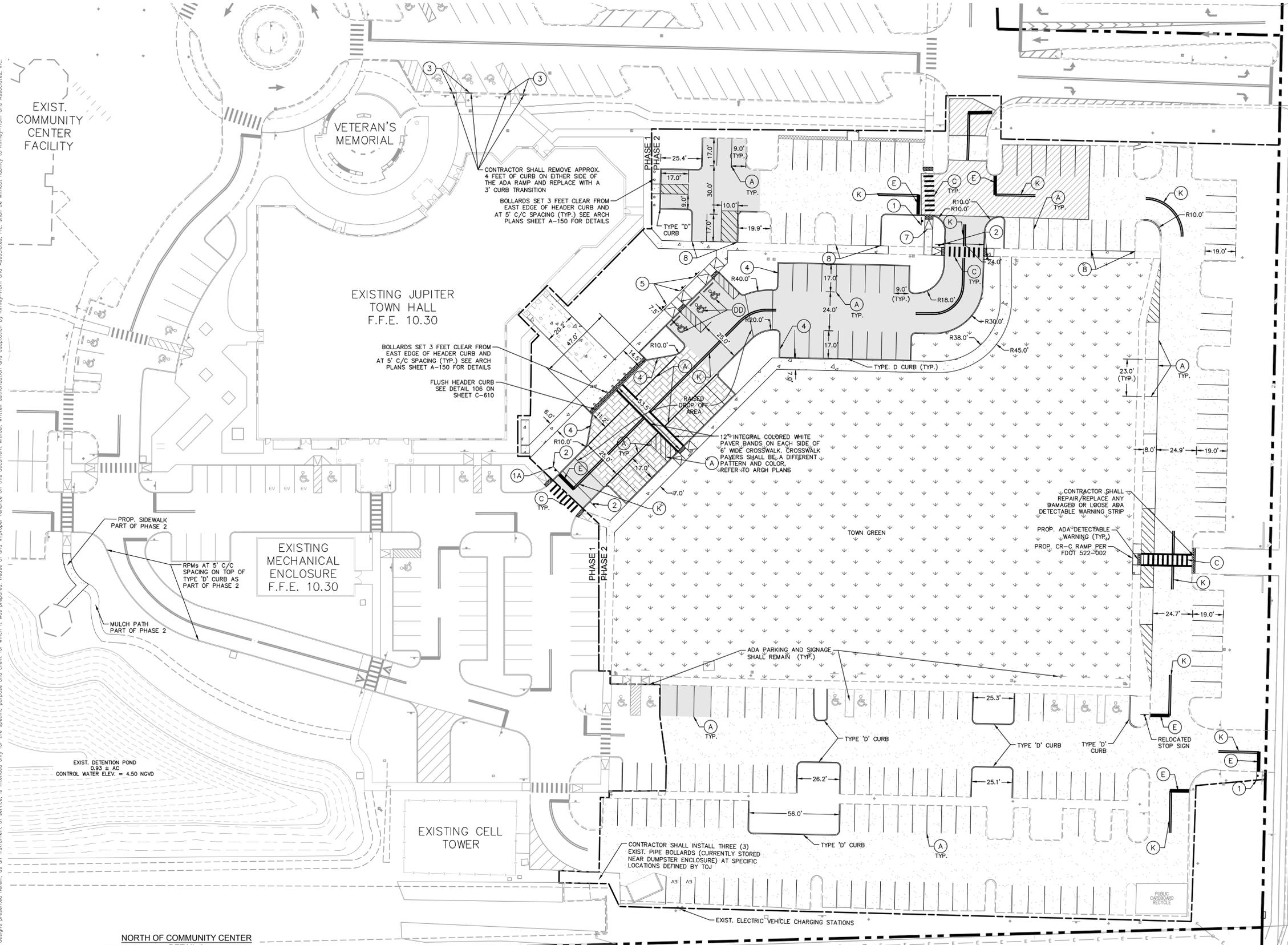


**LEGEND:**

- PROPERTY LINE
- PHASING LINE
- PROPOSED ASPHALT PAVEMENT
- 1" ASPHALT MILL AND RESURFACE
- ASPHALT MILL AND OVERBUILD
- PROPOSED DECORATIVE PAVERS. SEE ARCHITECTURAL PLANS
- PROPOSED CONCRETE SIDEWALK
- PROPOSED TOWN GREEN AREA, REFER TO LANDSCAPE PLANS
- CURB RAMP PER FOOT INDEX #522-002

**KEY NOTES**

- 1. R1-1 30"X30"
- 1A. R1-4
- 2. W11-2 30"X30"
- 2. W16-7PL 24"X12"
- 3. BUILDING ENTRANCE
- 4. 3' CURB TRANSITION
- 5. PARKING BY DISABLED PERMIT ONLY  
\$ 250 FINE  
F.S. 318.18
- 6. NO PUBLIC PARKING  
OFFICIAL TOWN AND DELIVERY USE ONLY
- 7. ADA SIDEWALK RAMP PER TOWN OF JUPITER ENGINEERING DIVISION DETAIL 109B ON SHEET C-610
- 8. THICKENED EDGE SIDEWALK PER DETAIL 109C ON SHEET C-610



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**STRIPING KEY**

- A = 6" SOLID WHITE
- B = 8" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP (10'-30')
- G = 6" SKIP WHITE TYP (6'-10')
- H = 6" SKIP WHITE TYP (2'-4')
- I = 6" SOLID YELLOW
- J = 18" SOLID YELLOW
- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP (10'-30')
- M = 6" SKIP YELLOW TYP (6'-10')
- N = 6" SKIP YELLOW TYP (2'-4')
- P = RPM BI-DIRECTIONAL AMBER/AMBER
- R = FDP WHITE
- S = FDP YELLOW
- T = RPM BI-DIRECTIONAL WHITE/RED
- U = RPM BI-DIRECTIONAL RED/YELLOW
- V = 6" SOLID WHITE

- AA = THROUGH ARROW
- BB = TURN LANE-USE ARROW (DIRECTION AS SHOWN)
- CC = 18" SOLID WHITE DIAGONAL HATCH AT 10' O.C.
- DD = ACCESSIBLE PARKING
- EE = STENCIL "LOADING ZONE" IN 2' HIGH YELLOW LETTERING
- FF = 12" SOLID WHITE WITH 24" CROSSWALK SPACING, WIDTH SHOWN.
- GG = STENCIL "NO PARKING FIRE LANE" IN 2' HIGH YELLOW LETTERING
- HH = 8" SOLID WHITE DIAGONAL STRIPING HATCH AT 10' O.C.

**GENERAL NOTES**

1. ALL DIMENSIONS SHOWN ARE FROM FACE-OF-CURB FOR TYPE D AND TYPE F CURB OR EDGE OF PAVEMENT FOR NON-CURB AREAS UNLESS OTHERWISE NOTED.
2. ALL CURBS ARE TYPE "D" UNLESS OTHERWISE NOTED.
3. ALL CURB RADII ARE 3' UNLESS OTHERWISE NOTED.
4. STOP BARS, CROSSWALK, LANE LINE, EDGE LINE, AND CENTERLINE STRIPING SHALL BE THERMOPLASTIC. ALL OTHER STRIPING SHALL BE PAINT. STRIPING AND MARKINGS IN PAVEMENT SHALL BE THRU (INTEGRAL) COLORED PAVERS.
5. ALL ADA RAMP SHALL HAVE 24" WIDE BLACK TACTILE STRIPS.
6. ALL VERTICAL CURB TERMINATIONS AT SIDEWALK RAMP, END OF CURB RUN, ETC. SHALL HAVE A 3 FOOT VERTICAL TAPE TRANSITION.
7. SMALL AMOUNT OF DEMOLITION MAY BE REQUIRED FOR SIDEWALK AND PARKING CONSTRUCTION AT NW CORNER OF EXIST. COMMUNITY CENTER

8. ALL PAVEMENT MARKINGS AND STRIPING WITHIN PAVEMENT SHALL BE ESTABLISHED USING INTEGRAL (THRU) COLORED PAVERS, NO SURFACE STRIPING ALLOWED.



CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

VERTICAL DATUM  
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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

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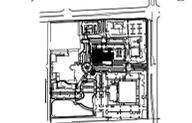
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### JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions:


Date: 05/16/2024

S+A Project No.: 21004

Owner Project No.:

Drawn By: LM

Checked By: JAW

Phase:

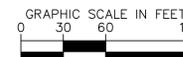
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Sheet Title:

## SITE FURNISHING PLAN

Sheet #:

C-501



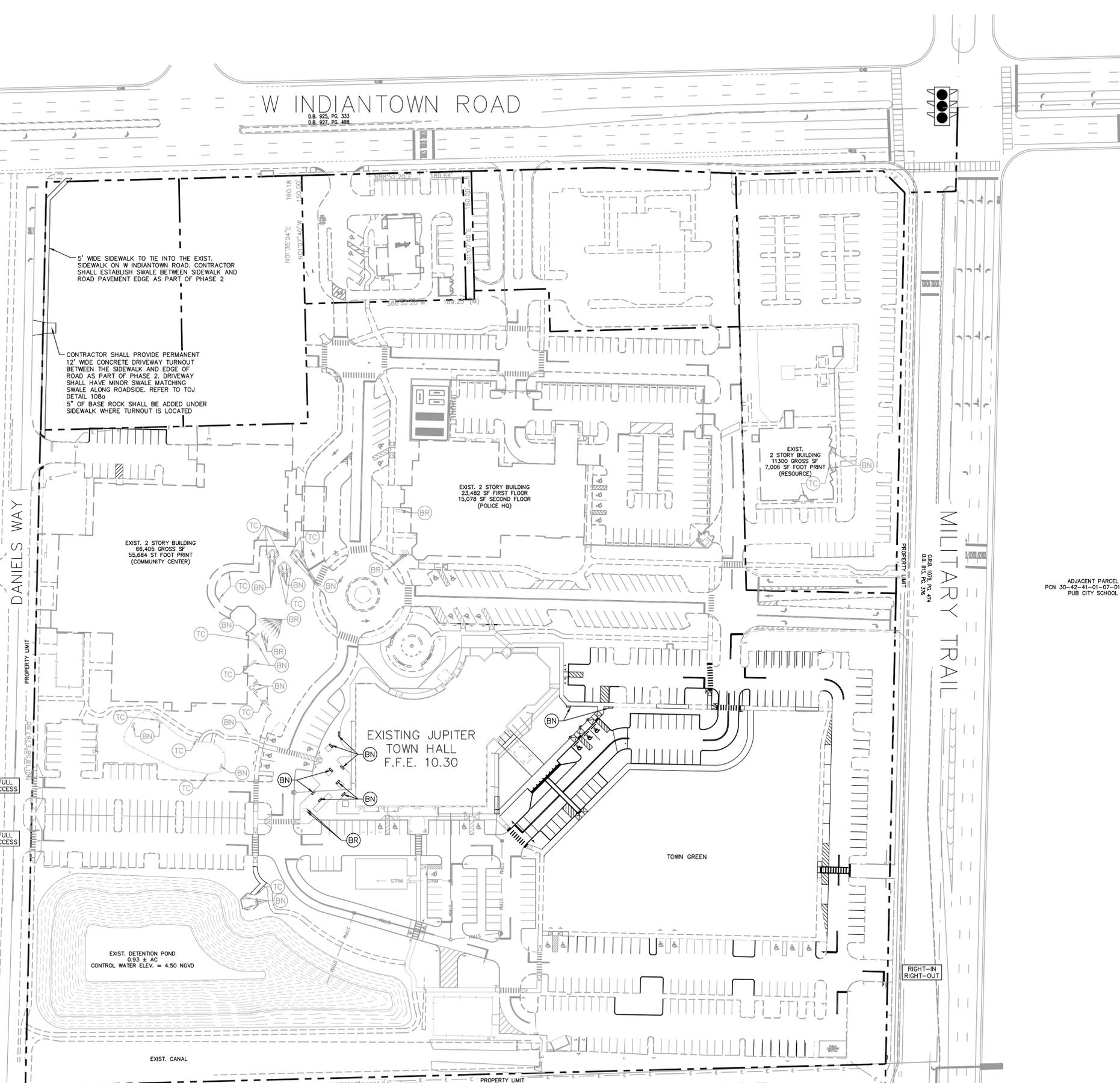
### LEGEND:

- PROPERTY LINE
- (BN) EXIST. BENCH
- (TC) EXIST. TRASH CAN
- (PT) EXIST. PICNIC TABLE
- (BR) EXIST. BIKE RACK
- (BN) PROPOSED BENCH
- (TC) PROPOSED TRASH CAN
- (PT) PROPOSED PICNIC TABLE
- (BR) PROPOSED BIKE RACK

### SITE FURNISHING QUANTITIES TABLE

	EXISTING	PROPOSED
BENCH	27	10
PICNIC TABLE	0	0
BIKE RACK	16	2
TRASH CAN	21	0

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5' WIDE SIDEWALK TO TIE INTO THE EXIST. SIDEWALK ON W INDIANTOWN ROAD. CONTRACTOR SHALL ESTABLISH SWALE BETWEEN SIDEWALK AND ROAD PAVEMENT EDGE AS PART OF PHASE 2

CONTRACTOR SHALL PROVIDE PERMANENT 12' WIDE CONCRETE DRIVEWAY TURNOUT BETWEEN THE SIDEWALK AND EDGE OF ROAD AS PART OF PHASE 2. DRIVEWAY SHALL HAVE MINOR SWALE MATCHING SWALE ALONG ROADSIDE. REFER TO TQJ DETAIL 108a. 5" OF BASE ROCK SHALL BE ADDED UNDER SIDEWALK WHERE TURNOUT IS LOCATED

EXIST. 2 STORY BUILDING  
23,482 SF FIRST FLOOR  
15,078 SF SECOND FLOOR  
(POLICE HQ)

EXIST. 2 STORY BUILDING  
11,300 GROSS SF  
7,006 SF FOOT PRINT  
(RESOURCE)

EXIST. 2 STORY BUILDING  
86,405 GROSS SF  
55,684 SF FOOT PRINT  
(COMMUNITY CENTER)

EXISTING JUPITER TOWN HALL  
F.F.E. 10.30

EXIST. DETENTION POND  
0.83 ± AC  
CONTROL WATER ELEV. = 4.50 NGVD

EXIST. CANAL

ADJACENT PARCEL  
PCN 30-42-41-01-07-014-  
PUB CITY SCHOOL

ADJACENT PARCEL  
PCN 30-42-41-01-00-000-7120  
PUB CITY SCHOOL

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

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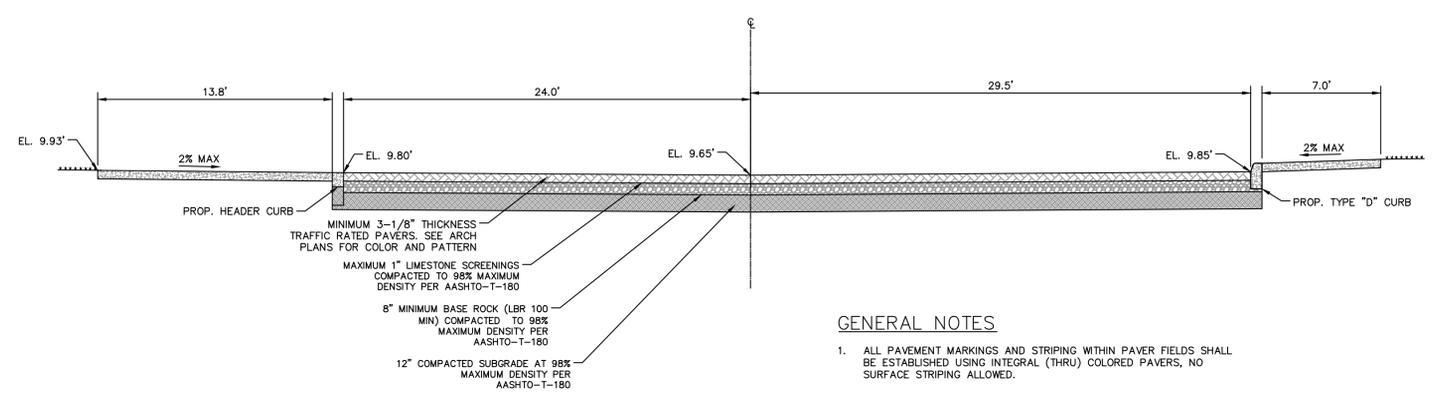
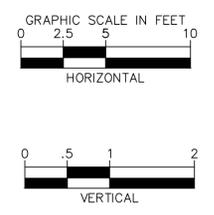
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VERTICAL DATUM  
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SECTION A-A

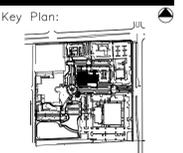
**GENERAL NOTES**

1. ALL PAVEMENT MARKINGS AND STRIPING WITHIN PAVER FIELDS SHALL BE ESTABLISHED USING INTEGRAL (THRU) COLORED PAVERS, NO SURFACE STRIPING ALLOWED.

**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458



Revisions:


Date: 05/16/2024  
S-A Project No: 21004  
Owner Project No:  
Drawn By: LM  
Checked By: JAW

Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:

**CROSS SECTIONS**

Sheet #:

**C-601**

**THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.**

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

CALL 2 WORKING DAYS BEFORE YOU DIG

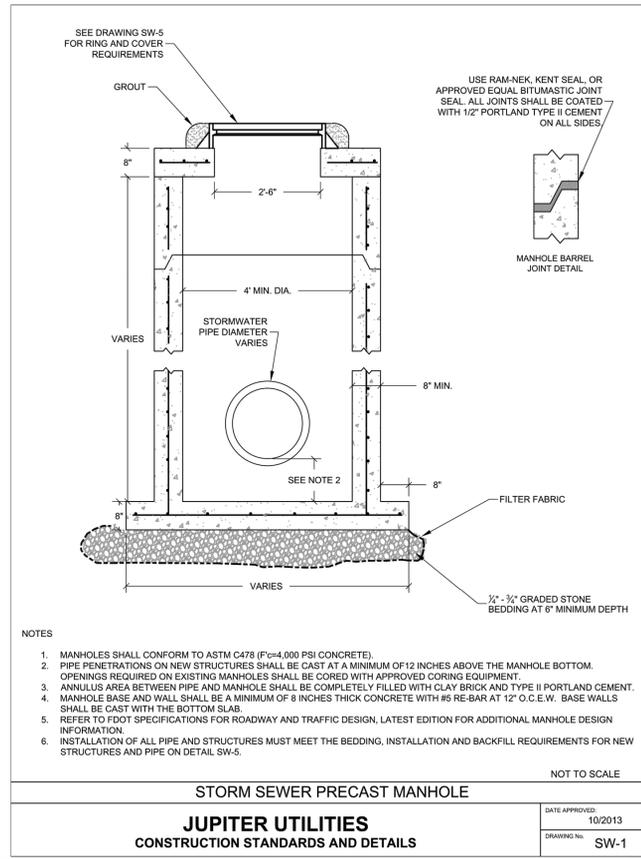
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VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. NGVD '29 ELEVATION - 1.526 = NAVD '88 ELEVATION

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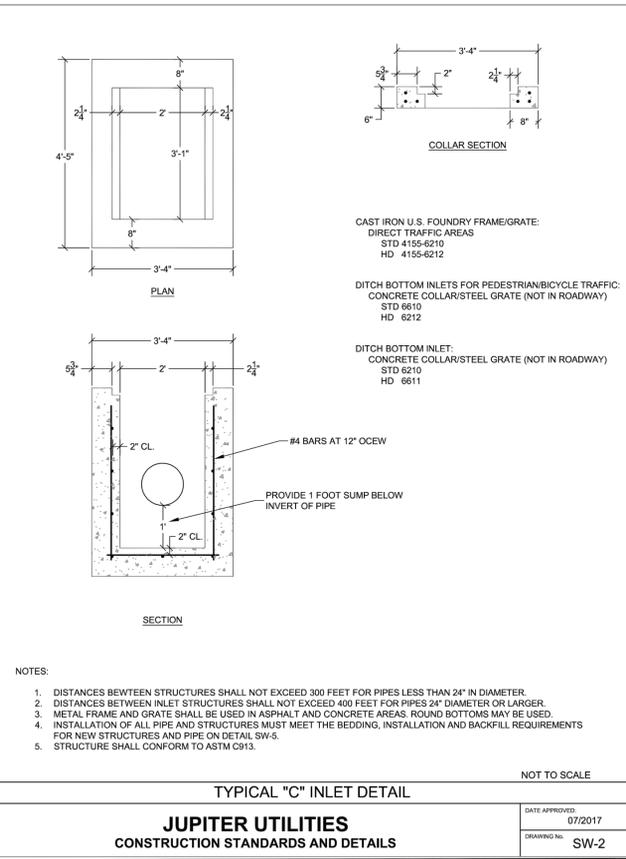
Plotted By: Martinez, Jeannie Sheet: JUPITER TOWN HALL - LAYOUT: C-611 PAVING GRADING AND DRAINAGE DETAILS May 16, 2024 11:43:53am K:\bocd\_civil\144418006 - Jupiter town hall\CADD\plansheets\C-610 PAVING GRADING AND DRAINAGE DETAILS.dwg  
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**NOTES**

- MANHOLES SHALL CONFORM TO ASTM C478 (F<sub>cr</sub>=4,000 PSI CONCRETE).
- PIPE PENETRATIONS ON NEW STRUCTURES SHALL BE CAST AT A MINIMUM OF 12 INCHES ABOVE THE MANHOLE BOTTOM. OPENINGS REQUIRED ON EXISTING MANHOLES SHALL BE CORED WITH APPROVED CORING EQUIPMENT.
- ANNULUS AREA BETWEEN PIPE AND MANHOLE SHALL BE COMPLETELY FILLED WITH CLAY BRICK AND TYPE II PORTLAND CEMENT.
- MANHOLE BASE AND WALL SHALL BE A MINIMUM OF 8 INCHES THICK CONCRETE WITH #5 RE-BAR AT 12" O.C.E.W. BASE WALLS SHALL BE CAST WITH THE BOTTOM SLAB.
- REFER TO TDDT SPECIFICATIONS FOR ROADWAY AND TRAFFIC DESIGN, LATEST EDITION FOR ADDITIONAL MANHOLE DESIGN INFORMATION.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

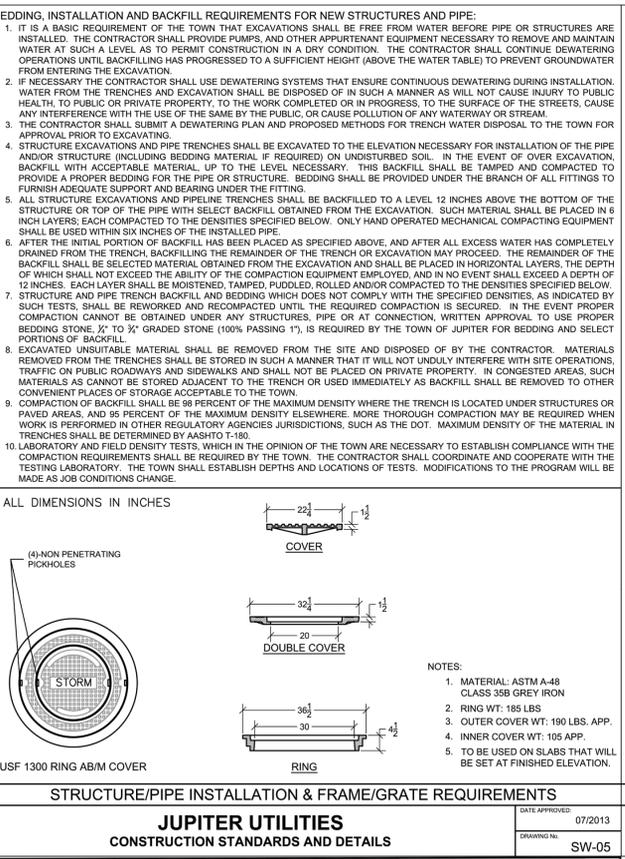
DATE APPROVED: 10/2013  
DRAWING No: SW-1



**NOTES**

- DISTANCES BETWEEN STRUCTURES SHALL NOT EXCEED 300 FEET FOR PIPES LESS THAN 24" IN DIAMETER.
- DISTANCES BETWEEN INLET STRUCTURES SHALL NOT EXCEED 400 FEET FOR PIPES 24" DIAMETER OR LARGER.
- METAL FRAME AND GRATE SHALL BE USED IN ASPHALT AND CONCRETE AREAS. ROUND BOTTOMS MAY BE USED.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.
- STRUCTURE SHALL CONFORM TO ASTM C913.

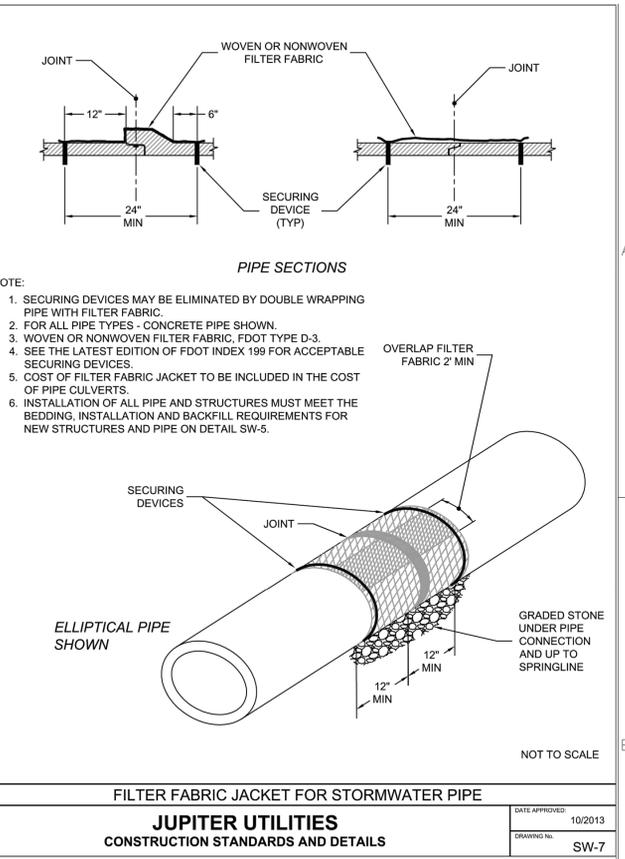
DATE APPROVED: 07/2017  
DRAWING No: SW-2



**NOTES**

- MATERIAL: ASTM A-48 CLASS 35B GREY IRON
- RING WT: 185 LBS
- COVER WT: 190 LBS, APP.
- INNER COVER WT: 105 APP.
- TO BE USED ON SLABS THAT WILL BE SET AT FINISHED ELEVATION.

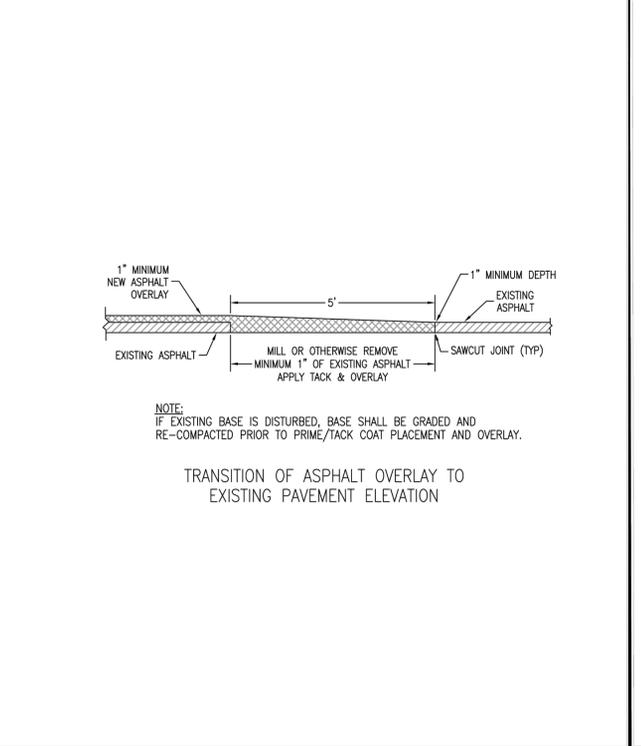
DATE APPROVED: 07/2013  
DRAWING No: SW-05



**NOTES**

- SECURING DEVICES MAY BE ELIMINATED BY DOUBLE WRAPPING PIPE WITH FILTER FABRIC.
- FOR ALL PIPE TYPES - CONCRETE PIPE SHOWN.
- WOVEN OR NONWOVEN FILTER FABRIC, FDOT TYPE D-3.
- SEE THE LATEST EDITION OF FDOT INDEX 199 FOR ACCEPTABLE SECURING DEVICES.
- COST OF FILTER FABRIC JACKET TO BE INCLUDED IN THE COST OF PIPE CULVERTS.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

DATE APPROVED: 10/2013  
DRAWING No: SW-7



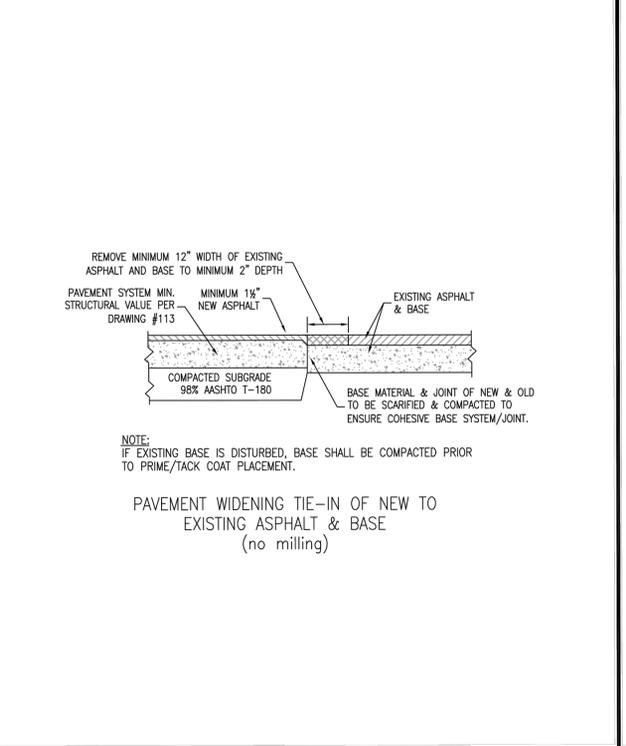
**NOTE:**  
IF EXISTING BASE IS DISTURBED, BASE SHALL BE GRADED AND RE-COMPACTED PRIOR TO PRIME/TACK COAT PLACEMENT AND OVERLAY.

TRANSITION OF ASPHALT OVERLAY TO EXISTING PAVEMENT ELEVATION

**TOWN OF JUPITER ENGINEERING DIVISION**  
210 MILITARY TRAIL  
JUPITER, FLORIDA 33408  
(561) 746-5134

**ASPHALT OVERLAY Transition to Existing Asphalt**  
DETAIL AND REQUIREMENTS

DETAIL NUMBER: **112a**  
Revised: 20070402



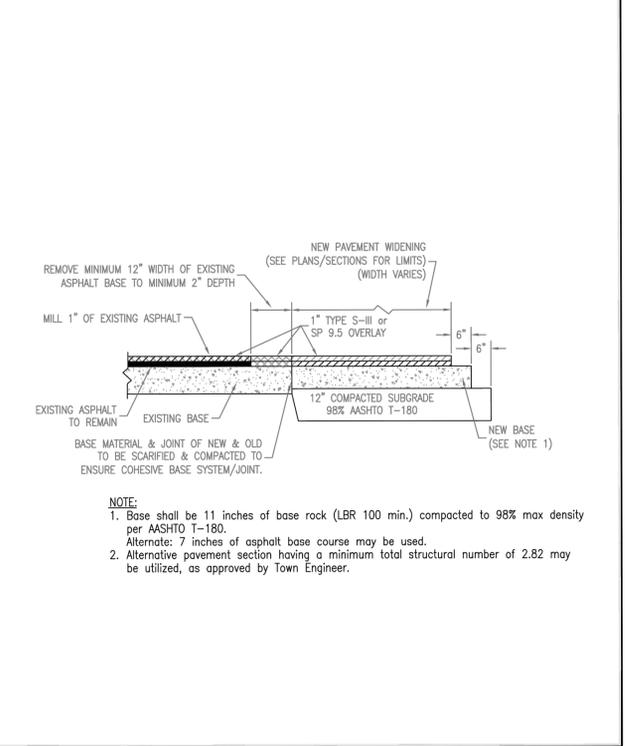
**NOTE:**  
IF EXISTING BASE IS DISTURBED, BASE SHALL BE COMPACTED PRIOR TO PRIME/TACK COAT PLACEMENT.

PAVEMENT WIDENING TIE-IN OF NEW TO EXISTING ASPHALT & BASE (no milling)

**TOWN OF JUPITER ENGINEERING DIVISION**  
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JUPITER, FLORIDA 33408  
(561) 746-5134

**PAVEMENT WIDENING Tie-in to Existing Pavement**  
DETAIL AND REQUIREMENTS

DETAIL NUMBER: **112b**  
Revised: 20070402



**NOTE:**

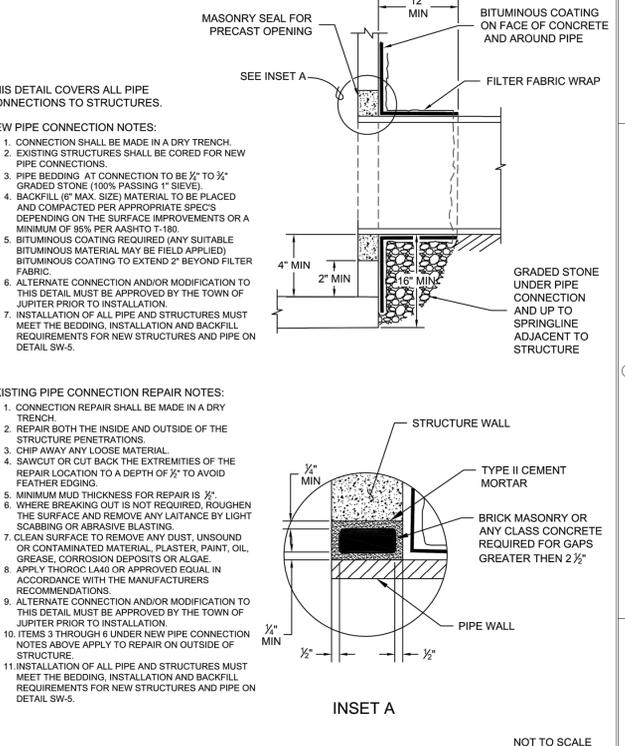
- Base shall be 11 inches of base rock (LBR 100 min.) compacted to 98% max density per AASHTO T-180. Alternate: 7 inches of asphalt base course may be used.
- Alternative pavement section having a minimum total structural number of 2.82 may be utilized, as approved by town Engineer.

DATE APPROVED: 10/2013  
DRAWING No: SW-20

**TOWN OF JUPITER ENGINEERING DIVISION**  
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JUPITER, FLORIDA 33408  
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**PAVEMENT WIDENING w/ Asphalt Milling & Overlay**  
DETAIL AND REQUIREMENTS

DETAIL NUMBER: **112c**  
Revised: 20220303



**NEW PIPE CONNECTION NOTES:**

- CONNECTION SHALL BE MADE IN A DRY TRENCH.
- EXISTING STRUCTURES SHALL BE CORED FOR NEW PIPE CONNECTIONS.
- PIPE BEDDING AT CONNECTION TO BE 1/2" TO 3/4" GRADED STONE (100% PASSING 1" SIEVE).
- BACKFILL (6" MAX. SIZE) MATERIAL TO BE PLACED AND COMPACTED PER APPROPRIATE SPECS DEPENDING ON THE SURFACE IMPROVEMENTS OR A MINIMUM OF 95% PER AASHTO T-180.
- BITUMINOUS COATING REQUIRED (ANY SUITABLE BITUMINOUS MATERIAL MAY BE USED) APPLIED TO BITUMINOUS COATING TO EXTEND 2" BEYOND FILTER FABRIC.
- ALTERNATE CONNECTION AND/OR MODIFICATION TO THIS DETAIL MUST BE APPROVED BY THE TOWN OF JUPITER PRIOR TO INSTALLATION.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

**EXISTING PIPE CONNECTION REPAIR NOTES:**

- CONNECTION REPAIR SHALL BE MADE IN A DRY TRENCH.
- REPAIR BOTH THE INSIDE AND OUTSIDE OF THE STRUCTURE PENETRATIONS.
- CHIP AWAY ANY LOOSE MATERIAL.
- SAWCUT OR CUT BACK THE EXTREMITIES OF THE REPAIR LOCATION TO A DEPTH OF 3/4" TO AVOID FEATHER EDGING.
- MINIMUM MUD THICKNESS FOR REPAIR IS 1/2".
- WHERE BREAKING OUT IS NOT REQUIRED, ROUGHEN THE SURFACE AND REMOVE ANY LAITANCE BY LIGHT SCABBING OR ABRASIVE BLASTING.
- CLEAN SURFACE TO REMOVE ANY DUST, UNSOUND OR CONTAMINATED MATERIAL, PLASTER, PAINT, OIL, GREASE, CORROSION DEPOSITS OR ALGAE.
- APPLY THOROUGH AND/OR APPROVED EQUAL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
- ALTERNATE CONNECTION AND/OR MODIFICATION TO THIS DETAIL MUST BE APPROVED BY THE TOWN OF JUPITER PRIOR TO INSTALLATION.
- ITEMS 3 THROUGH 6 UNDER NEW PIPE CONNECTION NOTES ABOVE APPLY TO REPAIR ON OUTSIDE OF STRUCTURE.
- INSTALLATION OF ALL PIPE AND STRUCTURES MUST MEET THE BEDDING, INSTALLATION AND BACKFILL REQUIREMENTS FOR NEW STRUCTURES AND PIPE ON DETAIL SW-5.

DATE APPROVED: 10/2013  
DRAWING No: SW-20

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210 MILITARY TRAIL  
JUPITER, FLORIDA 33408  
(561) 746-5134

**PIPE TO STRUCTURE CONNECTION**  
DETAIL AND REQUIREMENTS

DETAIL NUMBER: **112d**  
Revised: 20220303

**宋 Song + Associates**

Architecture • Planning • Interior Design

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**Kimley-Horn**

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**JUPITER TOWN HALL - PHASE 2**

**TOWN OF JUPITER FLORIDA**

**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:

Revisions:

Date: 05/16/2024  
S+A Project No.: 21004  
Owner Project No.:  
Drawn By: LM  
Checked By: JAW  
Phase: 100% CONSTRUCTION DOCUMENTS

Sheet Title: PAVING GRADING AND DRAINAGE DETAILS

Sheet #: C-611

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

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VERTICAL DATUM ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. NSVD '23 ELEVATION - 1.526 + NAVD '88 ELEVATION

SUNSHINE STATE ONE CALL OF FLORIDA, INC.





Song + Associates

Architecture • Planning • Interior Design

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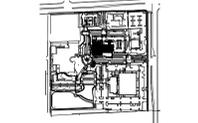
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### JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 MILITARY TRAIL  
JUPITER, FL 33458

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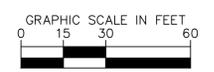
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Sheet Title:

### UTILITY PLAN

Sheet #:

C-700



### UTILITY NOTES

- ALL WATER MAIN (WM) SHALL BE DUCTILE IRON PIPE (DIP) CLASS 51 UNLESS OTHERWISE NOTED. ALL WATER SERVICE SHALL BE PVC C-900 UNLESS OTHERWISE NOTED.
- ALL FIRE MAIN (FM) SHALL BE PVC-C900 DR-14 UNLESS OTHERWISE NOTED. RESTRAIN ALL JOINTS. ALL FIRE MAIN SHALL BE INSTALLED BY A CERTIFIED FIRE SPRINKLER CONTRACTOR.
- ALL DUCTILE IRON PIPE (DIP) SHALL BE CLASS 51 UNLESS OTHERWISE NOTED. ALL DIP SHALL BE MARKED PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) STANDARDS.
- ALL WATER MAIN AND FIRE MAIN SHALL HAVE A MINIMUM OF 30" COVER OVER THE TOP OF THE PIPE UNLESS OTHERWISE NOTED.
- ALL FITTINGS FOR WATER MAIN AND FIRE MAIN SHALL BE DUCTILE IRON MECHANICAL JOINT FITTINGS UNLESS OTHERWISE NOTED.
- ALL GRAVITY SEWER LATERALS (SS) SHALL BE PVC SDR-26 UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW UTILITIES.
- CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION PIPE MATERIALS WHEN REQUIRED AND TO CONNECT TO BUILDING PLUMBING.
- ALL MANHOLES, VALVES, CLEANOUTS, AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE H-20 TRAFFIC RATED.
- CONTRACTOR SHALL FIELD VERIFY EXISTING SANITARY SEWER SYSTEM AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- FPL FEEDER / ELECTRIC SHOWN IS FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO MEP PLANS AND FPL DESIGN FOR INFORMATION. CONTRACTOR SHALL PROVIDE AS-BUILT FOR PROPOSED FPL CONDUIT LOCATION. AS-BUILT SHALL DEFINE THE BEND POINTS, BOX LOCATION, QUANTITY AND SIZE OF CONDUITS AND SHALL BE IN STATE PLANE COORDINATES.
- ALL FPL SPlice BOXES SHALL BE 48"X36"X26" DEEP AND MEET FPL REQUIREMENTS.
- ALL FIRE RELATED CONSTRUCTION SHALL FOLLOW THE NATIONAL FIRE PROTECTION ASSOCIATION 13, 2016 EDITION.
- TREES SHOULD NOT BE INSTALLED WITHIN 5' OF OUTSIDE WALL OF WATERMAIN AND DRAINAGE PIPE. MIN 42" DEEP ROOT BARRIER SHALL BE INSTALLED FOR TREES PLANTED WITH 5' HORIZONTAL SEPARATION FROM THE PIPE.
- CONTRACTOR SHALL RESTRAIN EXISTING WATERMAIN AS NEEDED TO CONSTRUCT NEW WATERMAIN AND RETURN TO SERVICE. ALL NEW WATERMAIN SHALL BE RESTRAINED.

### LEGEND

	PROPERTY LINE
	PHASING LINE
	PROPOSED SANITARY LINE
	PROPOSED WATER LINE
	PROPOSED FIRE MAIN
	PROPOSED CHWS&R (SEE MEP PLANS)
	PROPOSED CONDENSATE (SEE MEP PLANS)
	PROPOSED STORM PIPE
	PROPOSED ELECTRICAL LINE
	PROPOSED FIBER OPTIC CONDUIT
	EXISTING STORM PIPE
	EXISTING WATER LINE
	EXISTING SANITARY PIPE
	EXISTING GAS LINE
	EXISTING ELECTRICAL LINE
	EXISTING FIBER OPTICS
	EXISTING EASEMENT
	PROPOSED EASEMENT

THE FIRE PROTECTION DESIGNER SHALL CALCULATE THE BUILDING FIRE FLOW RATE. AS PER NFPA 13, SECTION 16.14.5.1.1; A 2-1/2" HOSE VALVE SHALL BE PROVIDED DOWNSTREAM OF THE BACKFLOW PREVENTION VALVE FOR EVERY 250 GPM OF FLOW RATE REQUIRED BY THE SYSTEM DEMAND INCLUDING HOSE ALLOWANCE WHERE APPLICABLE. EITHER THE FIRE RISER OR THE 90 DEGREE BEND DOWNSTREAM OF THE DOVS SHALL BE REPLACED WITH A TEE AND A TEST HEADER WITH ONE (1) 2-1/2" HOSE VALVE PER FOR EVERY 250 GPM OF FLOW RATE AS NOTED ABOVE.

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

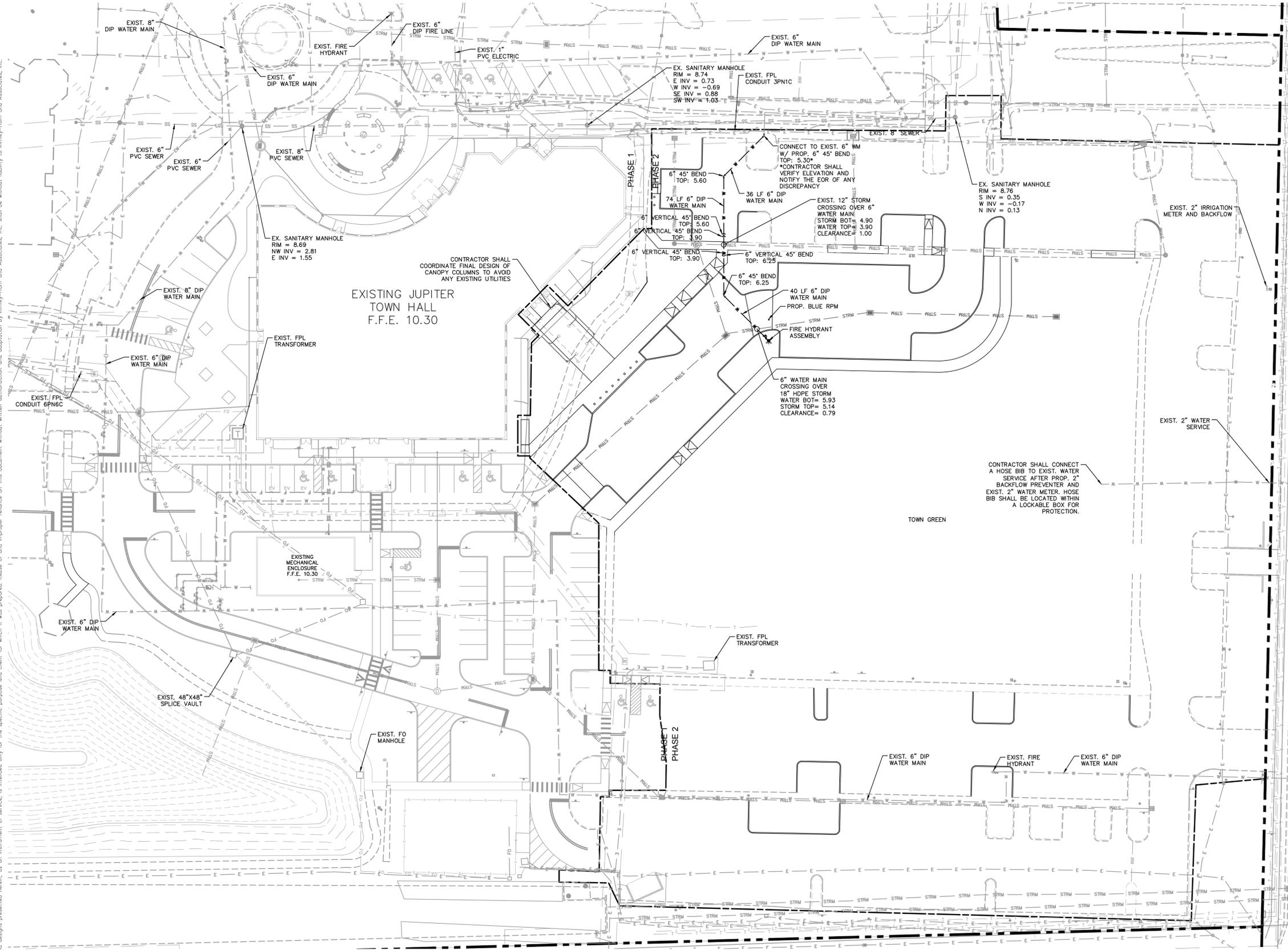
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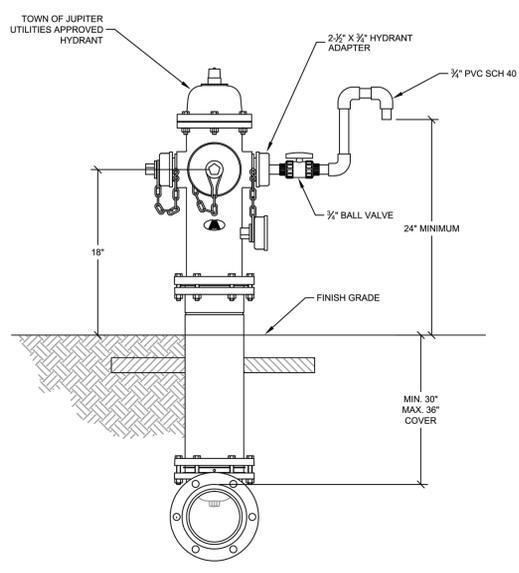


ANY MODIFICATIONS TO THE EXISTING TOJ'S UNDERGROUND FIBER OPTIC CONDUIT AND PULL-JUNCTION BOXES NOT SHOWN ON THIS PLAN SHALL BE COORDINATED WITH TOJ IS DEPT. MODIFICATIONS THAT ARE DETERMINED NEEDED AFTER ISSUANCE OF THIS PERMIT SHALL BE PRESENTED FOR APPROVAL BY TOJ VIA EMAIL.

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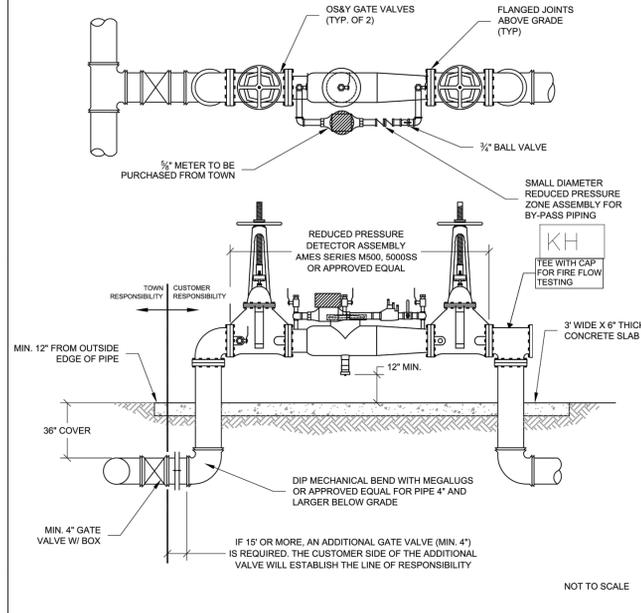
Plotted By: Martinez, Jeannie - Sheet Set: JUPITER TOWN HALL - Layout: C-711 WATER AND SEWER DETAILS  
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FIRE HYDRANT SAMPLING POINT

**JUPITER UTILITIES**  
CONSTRUCTION STANDARDS AND DETAILS

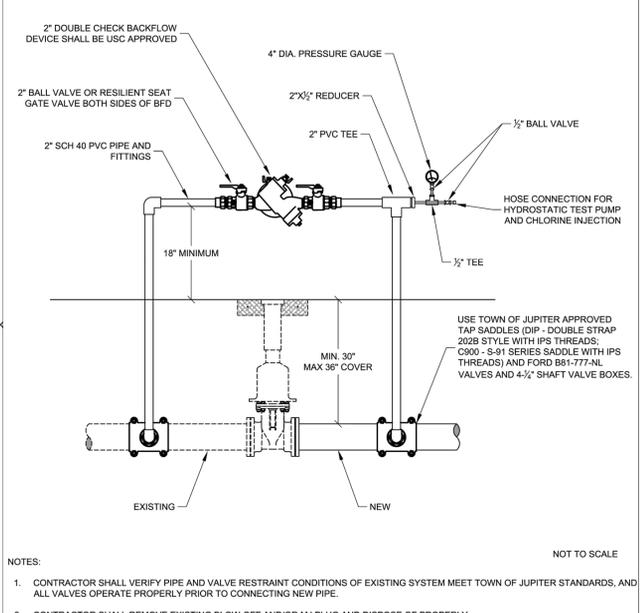
DATE APPROVED: 12/2008  
DRAWING NO: W-17



FIRE ONLY - REDUCED PRESSURE DETECTOR ASSEMBLY (2 1/2" - 10")

**JUPITER UTILITIES**  
CONSTRUCTION STANDARDS AND DETAILS

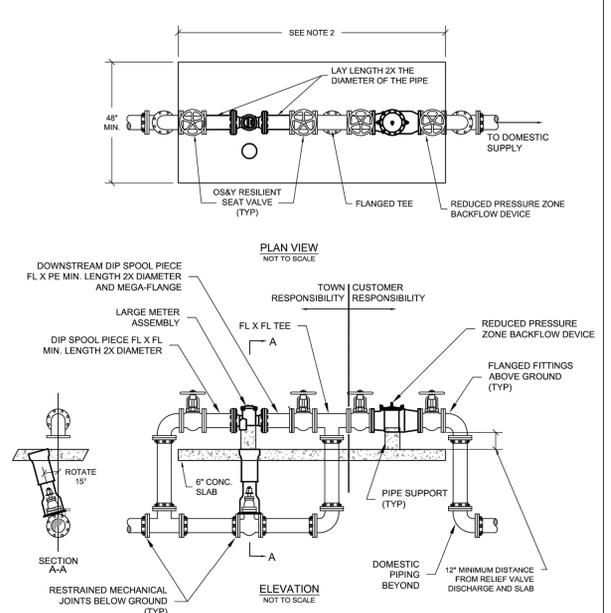
DATE APPROVED: 09/2017  
DRAWING NO: W-27



WATER MAIN JUMPER

**JUPITER UTILITIES**  
CONSTRUCTION STANDARDS AND DETAILS

DATE APPROVED: 09/2018  
DRAWING NO: W-30



DOMESTIC METER ASSEMBLY (3" - 12")

**JUPITER UTILITIES**  
CONSTRUCTION STANDARDS AND DETAILS

DATE APPROVED: 09/2017  
DRAWING NO: W-25



MAXIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED TO MAINTAIN PRESSURE WITHIN 2 P.S.I. OF THE SPECIFIED TEST PRESSURE (MECHANICAL OR PUSH-ON JOINT, 18 FT. NOMINAL LENGTHS, PER 1000 FT. OF PIPE)

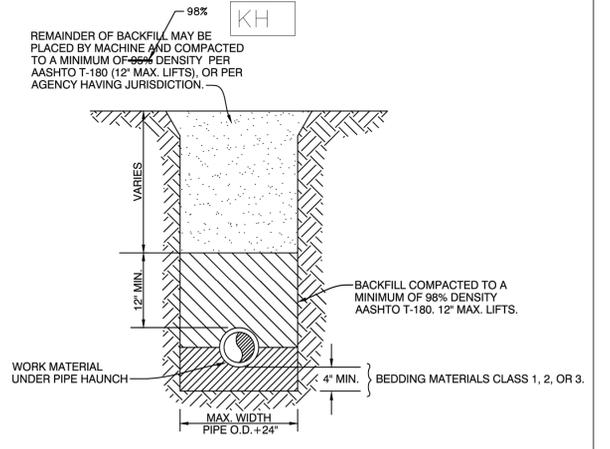
AVG. TEST PRESSURE, PSI	2	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
150	0.10	0.14	0.18	0.27	0.37	0.46	0.55	0.64	0.73	0.83	0.92	1.10	1.38	1.65	1.93	2.20
200	0.10	0.15	0.21	0.31	0.42	0.53	0.63	0.74	0.84	0.95	1.06	1.27	1.59	1.91	2.22	2.54

FORMULA BASIS:  $L = \frac{(3) \times (D) \times (P)^{1/2} \times 1/2}{148,000}$

L = MAXIMUM QUANTITY OF WATER TO BE ADDED (GALLONS PER HOUR)  
 D = LENGTH OF PIPE TESTED (FEET)  
 P = TEST PRESSURE (P.S.I.)

- NOTES:
- TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY CALCULATED FROM THE TABLE BY 0.9
  - THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR AS OBTAINED FROM THE ABOVE TABLE BY THE DURATION OF THE TEST IN HOURS AND BY THE TOTAL LENGTH OF THE LINE BEING TESTED DIVIDED BY 1,000. IF THE LINE UNDER TEST CONTAINS SECTIONS OF VARIOUS DIAMETERS, THE MAXIMUM QUANTITY ADDED WILL BE THE SUM OF THE COMPUTED QUANTITIES FOR EACH SIZE.
  - MAXIMUM TEST LENGTH = 2,500 FEET PER SECTION.
  - THIS STANDARD SHALL REFLECT ANY REVISION OF A.S.H.T.O. C-600. HOWEVER, THE MAXIMUM QUANTITY OF WATER ADDED SHALL NOT EXCEED 20% OF THE RECOMMENDED LIMIT PER APPLICABLE A.S.H.T.O. C-600 STANDARD.
  - STANDARD TEST PRESSURE = 150 P.S.I.; 200 P.S.I. FOR MAINS LARGER THAN 24"
  - PRESSURE TEST DURATION TO BE MIN. 2 HOURS.

POTABLE WATER MAIN PRESSURE TEST CRITERIA

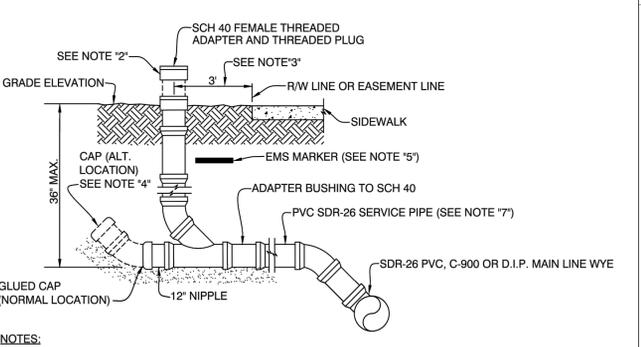


- NOTES:
- IF CLASS 1 MATERIAL IS USED FOR BEDDING, IT MUST BE USED FOR THE ENTIRE EMBEDMENT. A DRY TRENCH SHALL BE MAINTAINED WHEN USING CLASS 2 AND CLASS 3 MATERIAL.
  - DENSITY TESTING IS REQUIRED IN 1 FOOT LIFTS ABOVE PIPELINE.
  - UNSATURABLE IN-SITU MATERIAL SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
  - THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT / CONTRACT DOCUMENTS.

LOXAHATCHEE RIVER DISTRICT

TYPICAL GRAVITY SEWER EMBEDMENT DETAIL

SD-4

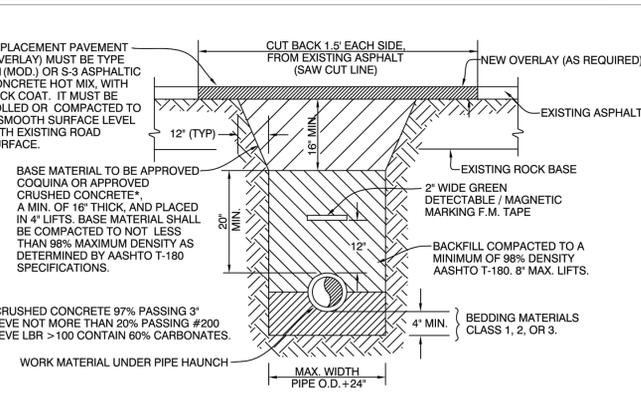


- NOTES:
- WHERE SEWER LATERALS MAY BE FORCED TO BE INSTALLED AT A DEPTH GREATER THAN 36" DUE TO CONFLICT WITH OTHER UTILITIES, THE WYE FITTING MAY BE PLACED IN A VERTICAL POSITION ON THE CLEAN-OUT RISER PIPE (MAX. 36")
  - LEAVE RISER 18" (MIN.) ABOVE GRADE. WHEN HOUSE RISER CONNECTION IS MADE BY BUILDING PLUMBER, RISER PIPE WILL BE CUT OFF, AND SET 2" ABOVE SOD GRADE (ADAPTER SHALL BE LEFT UNGLUED).
  - IN AREAS WHERE NO SIDEWALK EXISTS OR WHERE NONE ARE PLANNED, THE CLEAN OUT RISER WILL BE SET AT R/W OR EASEMENT LINE.
  - IN AREAS WHERE GROUND WATER TABLE IS LESS THAN 36" FROM FINISHED GRADE, NIPPLE OUT OF WYE WILL BE EXTENDED UP TO A POINT 6" MIN. ABOVE GROUND WATER TABLE.
  - EMS MARKER MODEL NO. 1258, SERVICE LINE ELECTRONIC MARKER AS MFG. BY 3M CO., TO REMAIN IN PLACE AFTER CONNECTION OF BUILDING SEWER. BURY IN FRONT OF CLEAN OUT RISER 18" BELOW FINISHED GRADE.
  - 6" SINGLE SERVICES USED ONLY FOR COMMERCIAL OR MULTI-FAMILY RESIDENTIAL UNITS.
  - WHEN MAIN LINE IS C-900 PVC OR DIP (EPOXY COATED), SERVICE PIPE SHALL BE SAME MATERIAL AS MAIN LINE.
  - WHEN APPROVED BY THE DISTRICT, CLEAN-OUTS MAY BE PLACED IN PAVED AREAS, HOWEVER, PROTECTIVE BOXES AS SHOWN ON DETAIL SD-1 MUST BE INSTALLED.
- (PLUMBERS ONLY)
- WHERE EXISTING SERVICE LATERAL IS VITRIFIED CLAY PIPE, BELL (HUB) WILL BE REMOVED WITH APPROVED SAW AND A "FERNOCO" VCP X PVC COUPLING WILL BE USED TO JOIN THE EXISTING AND NEW PIPE. FERNOCO COUPLING WILL BE WRAPPED IN STRANDS OF COPPER WIRE AND COUPLING WILL BE BEDDED IN TYPE "57" ROCK TO UNDISTURBED MATERIAL. WHERE EXISTING SERVICE LATERAL IS DIP OR C-900, A DISTRICT APPROVED PVC TRANSITION COUPLING WILL BE USED.

LOXAHATCHEE RIVER DISTRICT

4" OR 6" SINGLE SERVICE CONNECTION DETAIL

SD-6



- NOTES:
- CLASS 1 MATERIAL - ANGULAR, 25" TO 75" GRADED STONE SUCH AS CORAL, CRUSHED STONE, OR CRUSHED SHELLS OR BEDDING ROCK (100% PASSING 1" SIEVE).
  - CLASS 2 MATERIAL - COURSE SAND AND GRAVEL'S WITH MAXIMUM PARTICLE SIZE OF .25 INCH WITH SMALL PERCENTAGE OF FINES. COMPACT TO A MIN. 98% DENSITY PER AASHTO T-180.
  - CLASS 3 MATERIAL - FINE SAND AND CLAYEY GRAVEL'S, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES. INCLUDED IN CLASS 3 ARE EXISTING SOIL TYPES CLASSIFIED AS SELECT BACKFILL. COMPACT TO A MIN. 98% DENSITY PER AASHTO T-180.
- ALL CUTS WILL REQUIRE COMPACTION TO DENSITY SPECIFICATIONS.
  - SAW CUT ASPHALT BEFORE EXCAVATING.
  - COMPACTION MUST BE DONE BY A MECHANICAL VIBRATORY COMPACTOR. EACH LIFT MUST RECEIVE 5 PASSES OF THE COMPACTOR OVER ENTIRE SURFACE. BEFORE COMPACTION EACH LIFT, WATER MUST BE APPLIED AT THE RATE OF 1 GAL. PER LINEAL FOOT OF THE TRENCH FOR BACKFILL AND 0.5 GAL. PER LINEAL FOOT OF TRENCH FOR COQUINA BASE. WATER TO BE SPRINKLED EVENLY OVER TRENCH WIDTH.
  - UNSATURABLE IN-SITU MATERIAL SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT / CONTRACT DOCUMENTS.
  - EMS MARKER REQUIRED MINIMUM EVERY 300 FEET OF PRESSURE PIPELINE.

LOXAHATCHEE RIVER DISTRICT

TYPICAL TRENCH & PAVEMENT RESTORATION DETAIL

SD-2

**KH** KIMLEY-HORN & ASSOCIATES, INC. DETAIL  
**LRD** LOXAHATCHEE RIVER DISTRICT DETAIL  
**TOJ** TOWN OF JUPITER DETAIL

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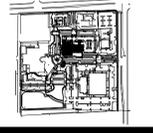
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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
 210 MILITARY TRAIL  
 JUPITER, FL 33458

Key Plan:



Revisions:

Date: 05/16/2024

S+A Project No.: 21004

Owner Project No.:

Drawn By: LM

Checked By: JAW

Phase: 100% CONSTRUCTION DOCUMENTS

Sheet Title:

WATER AND SEWER DETAILS

Sheet #:

C-711

Plotted By: Martinezfj, Jeannie Sheet Set: JUPITER TOWN HALL Layout: C-712 WATER AND SEWER DETAILS May 16, 2024 11:45:08am K:\bced\_civil\144418006 - Jupiter town hall\CADD\plan sheets\C-710 WATER AND SEWER DETAILS.dwg  
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- THE FOLLOWING SHALL BE USED AS A GUIDE FOR SUBMITTAL OF RECORD DRAWINGS TO THE LOXAHATCHEE RIVER DISTRICT
- TWO (2) SETS OF PRINTS SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW 48 HOURS PRIOR TO REQUESTING INSPECTIONS SUCH AS, FINAL INSPECTION, PRESSURE TESTS, SANITARY SEWER LAMPING OR ANY OTHER ELEMENT OF THE SYSTEM WHICH IS DETERMINED BY THE DISTRICT TO REQUIRE CLARIFICATION.
  - THE DRAWINGS WILL BE REVIEWED BY THE DISTRICT FOR DEFICIENCIES. DEFICIENCIES WILL BE INDICATED ON ONE (1) SET OF PRINTS WHICH WILL BE RETURNED TO THE E.O.R. OR CONTRACTOR FOR NECESSARY CORRECTIVE ACTION.
  - UPON CORRECTION, TWO (2) SETS OF PRINTS (SIGNED/SEALED BY A FLORIDA LICENSED SURVEYOR) SHALL BE SUBMITTED.
  - NO DISCLAIMERS ON DRAWINGS WILL BE ACCEPTED.
  - UPON FINAL SUBMITTAL OF RECORD DRAWINGS, AN AUTOCAD VER. 2009 OR LATER AND ADOBE .PDF (24"X36") ELECTRONIC DATA FILE SHALL BE FURNISHED ON A CD-R DISK TO THE DISTRICT. ONLY ONE CAD FILE WITH ALL SHEETS OF RECORD DRAWINGS ALLOWED.
  - ALL SEWER ITEMS SHALL BE CATEGORIZED AND ASSIGNED TO THE DRAWING LAYERS SUCH AS: AB-MANHOLE, AB-FORCEMAIN, AB-VALVE, AB-GRAVITY MAIN, ETC.
  - REDRAW ALL SEWER LINES AND INFRASTRUCTURE ON RECORD DRAWINGS AS CONSTRUCTED HORIZONTALLY & VERTICALLY. USING ORIGINAL DESIGN LINEWORK & ONLY UPDATING THE CORRESPONDING TEXT CALLOUTS WILL NOT BE ACCEPTED AS RECORD DRAWINGS.

- REQUIRED INFORMATION ON RECORD DRAWINGS**
- DRAWINGS ON 24" X 36" BOND PAPER THAT WILL REPRODUCE LEGIBLY.
  - LABEL DRAWINGS "RECORD DRAWINGS" WITH DATE. COMPLETE TITLE BLOCK WITH CURRENT FILE NAME.
  - DRAWINGS SHALL BE SIGNED / SEALED BY A FORIDA LICENSED PROFESSIONAL LAND SURVEYOR.
  - CORRECT STREET/ROAD NAMES AND LOT AND BLOCK NUMBERS.
  - SHOW AS-BUILT CONSTRUCTED SEWER FACILITIES HEAVIED UP, BOLD OR BOXED OUT TO STAND OUT FROM REST OF EACH DRAWING.
  - ALL ITEMS LISTED BELOW MUST BE CORRECTLY GEOREFERENCED WITH NORTHINGS/EASTINGS CLEARLY SHOW. THE AS BUILTS SHALL BE GEOREFERENCED TO THE STATE PLANE COORDINATES IN NAD 83, FLORIDA EAST ZONE, WHILE THE VERTICAL DATUM SHALL BE NGVD 29.

- GRAVITY SEWER**
- AS-BUILT DISTANCE OF GRAVITY MAIN FROM CENTER LINE OF ROAD OR EASEMENT RIGHT- OF-WAY LINE, BUILDINGS, OR AS DETERMINED BY THE LOXAHATCHEE RIVER DISTRICT. EXTENSIONS OF AN IMAGINARY LINE WILL NOT BE ACCEPTABLE AS REFERENCED POINTS.
  - TYPE OF MATERIALS INSTALLED - MAINS AND SERVICES.
  - SHOW EACH SEWER SERVICE LATERAL INCLUDING THE CONNECTION TO THE MAIN AND PROVIDE THE NORTHING & EASTING POINTS FOR EACH CLEANOUT & INDICATE CLEANOUT DIAMETER.
  - AS-BUILT LOCATIONS OF MANHOLES WITH A NORTHING & EASTING PROVIDED.
  - AS-BUILT ELEVATIONS, RIM ELEVATION, EACH INVERT AND PIPE SLOPE.
  - UPDATE LIFT STATION DETAILS/ELEVATIONS INCLUDING START UP DATA.
  - LIFT STATION AND UTILITY EASEMENTS, INCLUDING LOCATION OF F.P.&L. SERVICE TO CONTROL PANEL.

- PRESSURE PIPE**
- AS-BUILT DISTANCE OF MAINS AT 100' INTERVALS FROM CENTER LINE OF ROAD, EASEMENT, RIGHT-OF-WAY LINE, BUILDINGS, SEWER MAINS OR AS DETERMINED BY THE LOXAHATCHEE RIVER DISTRICT. EXTENSIONS OF AN IMAGINARY LINE WILL NOT BE ACCEPTABLE AS REFERENCED POINTS.
  - SHOW ELEVATIONS, NORTHING/EASTING OF EACH VALVE, FITTING, AIR RELEASE VALVE, SERVICE LINE, TAP, ETC., AND RADIAL DIMENSIONS (TIES) FROM A NEARBY PERMANENT OBJECT WHERE POSSIBLE. (SEE NOTE NO. 6 IN GENERAL).
  - TYPE OF MATERIALS INSTALLED - PIPE AND APPURTENANCES. INDICATE ALL LOCATIONS OF CHANGE OF MATERIAL INCLUDING JOINT TYPE (W.L., SLIP, RESTRAINED).
  - VALVE TYPE (BUTTERFLY, GATE, PLUG) INCLUDING THE NORTHING & EASTING POINT.
  - AS-BUILT LENGTH OF ALL JACK AND BORE CASINGS INDICATING DISTANCE FROM CENTER LINE OF PAVING TO EACH END OF CASING. THE AS-BUILT INVERT ELEVATION OF EACH END OF CASING, (INCLUDING NORTHING/EASTING) AND AS-BUILT DISTANCE FROM EACH END OF CASING TO LIMITS OF MECHANICAL JOINT PIPE IS ALSO REQUIRED.
  - AS-BUILT ELEVATIONS AT 100' INTERVALS AS WELL AS ANY MAJOR CHANGES IN DIRECTION AND/OR ELEVATION. ELEVATIONS SHOWN AT THESE INTERVALS AND CHANGES MUST SHOW TOP OF PIPE ELEVATION, NORTHING/EASTING AND FINISHED GRADE ELEVATION AT THAT LOCATION. SHOW LOCATION OF EMS MARKERS.
  - UTILITY EASEMENTS SHALL BE CORRECTLY SHOWN AND DIMENSIONED WITH REFERENCED SEWER FACILITY.

LRD

LRD

## SEPARATION REQUIREMENTS

62-555.314 F.A.C. AUGUST 28, 2003

1. HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

- NEW OR RELOCATED UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
- NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

2. VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

- NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESURE- TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATERMAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

3. AT THE UTILITY CROSSING DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

\*REQUIRED BY: HRS, STATE OF FLORIDA, PALM BEACH COUNTY PUBLIC HEALTH UNIT

LOXAHATCHEE RIVER DISTRICT		LOXAHATCHEE RIVER DISTRICT	
N.T.S.	RECORD DRAWING SUBMITTAL GUIDE	N.T.S.	STANDARD WATER AND SEWER SEPARATION STATEMENT
REVISION: APRIL, 2012	SD-29	REVISION: APRIL, 2012	SD-30

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**Kimley»Horn**

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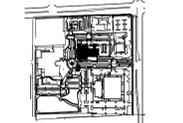
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions :


Date : 05/16/2024

S+A Project No : 21004

Owner Project No :

Drawn By : LM

Checked By : JAW

Phase :  
100% CONSTRUCTION DOCUMENTS

Sheet Title :

**WATER AND SEWER DETAILS**

Sheet # :

C-712

KH	KIMLEY-HORN & ASSOCIATES, INC. DETAIL
LRD	LOXAHATCHEE RIVER DISTRICT DETAIL
TOJ	TOWN OF JUPITER DETAIL

CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF JUPITER - GUIDE FOR DEVELOPMENT DESIGN AND CONSTRUCTION STANDARDS - WATER AND STORMWATER.

VERTICAL DATUM  
ELEVATIONS SHOWN HEREON ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929: NGVD '29 ELEVATION - 1.526 = NAVD '88 ELEVATION

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

CALL 2 WORKING DAYS BEFORE YOU DIG

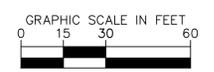
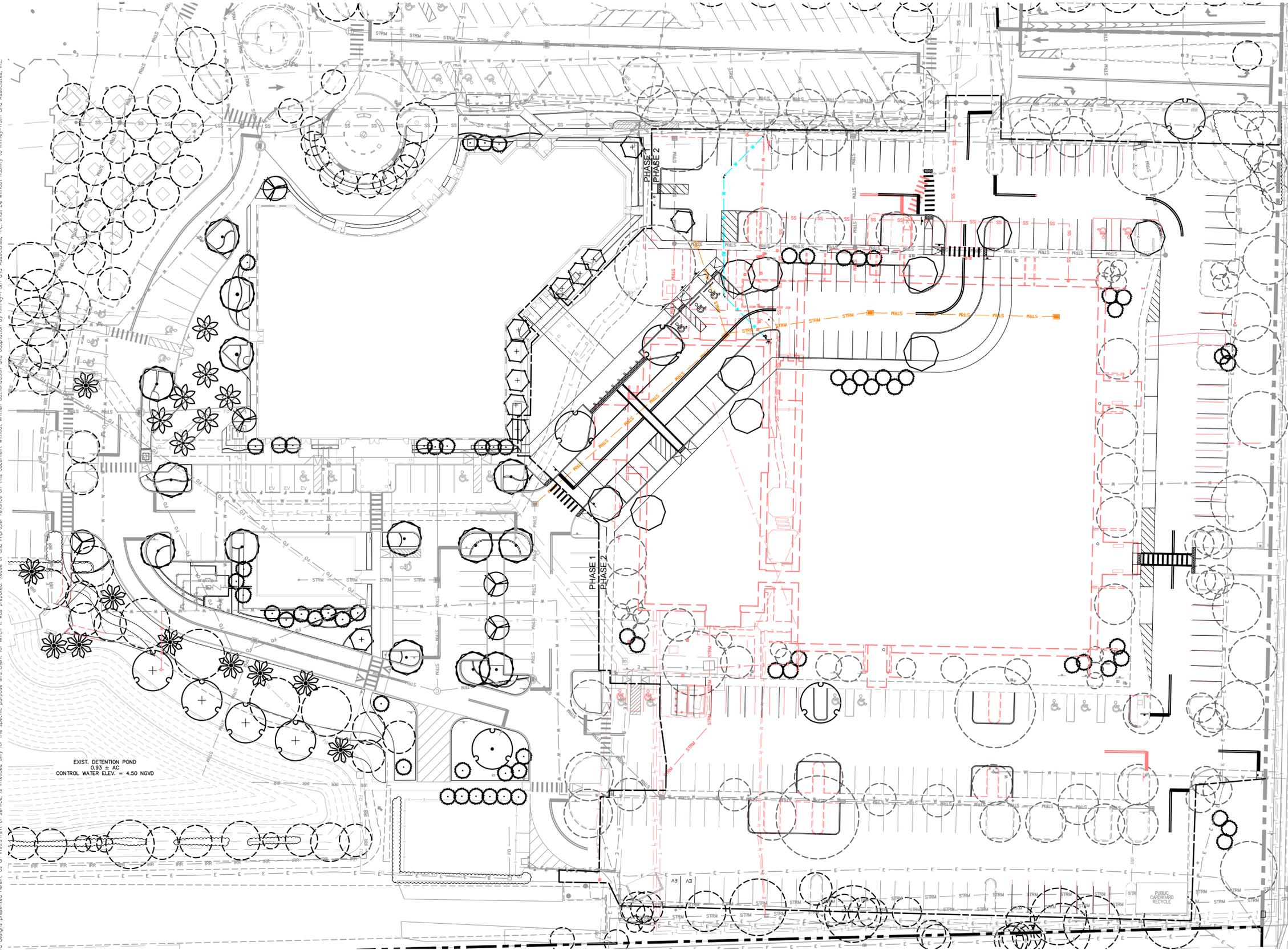


IT'S THE LAW!  
DIAL 811 Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.



Plotted By: Martinezfojo, Jeanine - Sheet Set: JUPITER TOWN HALL - Layout: C-900 COMPOSITE PLAN - May 16, 2024 11:45:53am - K:\bcd\_civil\144418006 - Jupiter town hall\CAAD\plansheets\C-900 COMPOSITE PLAN.dwg  
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**LEGEND**

- PROPERTY LINE
- SS --- SS --- EXISTING SEWER
- W --- W --- EXISTING WATER
- STRM --- STRM --- EXISTING STORM
- E --- E --- EXISTING ELECTRICAL
- IRR --- IRR --- EXISTING IRRIGATION
- FO --- FO --- EXISTING FIBER OPTICS
- TO BE DEMOLISHED
- PROPOSED SEWER LATERAL
- PROPOSED WATER
- PROPOSED STORM
- PROPOSED ELECTRICAL
- PROPOSED FIRE
- PROPOSED TREES (SEE LANDSCAPE PLANS FOR DETAILS)
- EXISTING TREES (SEE LANDSCAPE PLANS FOR DETAILS)

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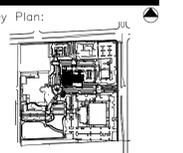
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
 210 MILITARY TRAIL  
 JUPITER, FL 33458



Revisions :

No.	Description	Date

Date : 05/16/2024  
 S+A Project No : 21004  
 Owner Project No :  
 Drawn By : LM  
 Checked By : JAW  
 Phase :  
 100% CONSTRUCTION DOCUMENTS

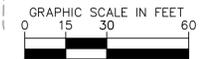
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**COMPOSITE PLAN**

Sheet # :

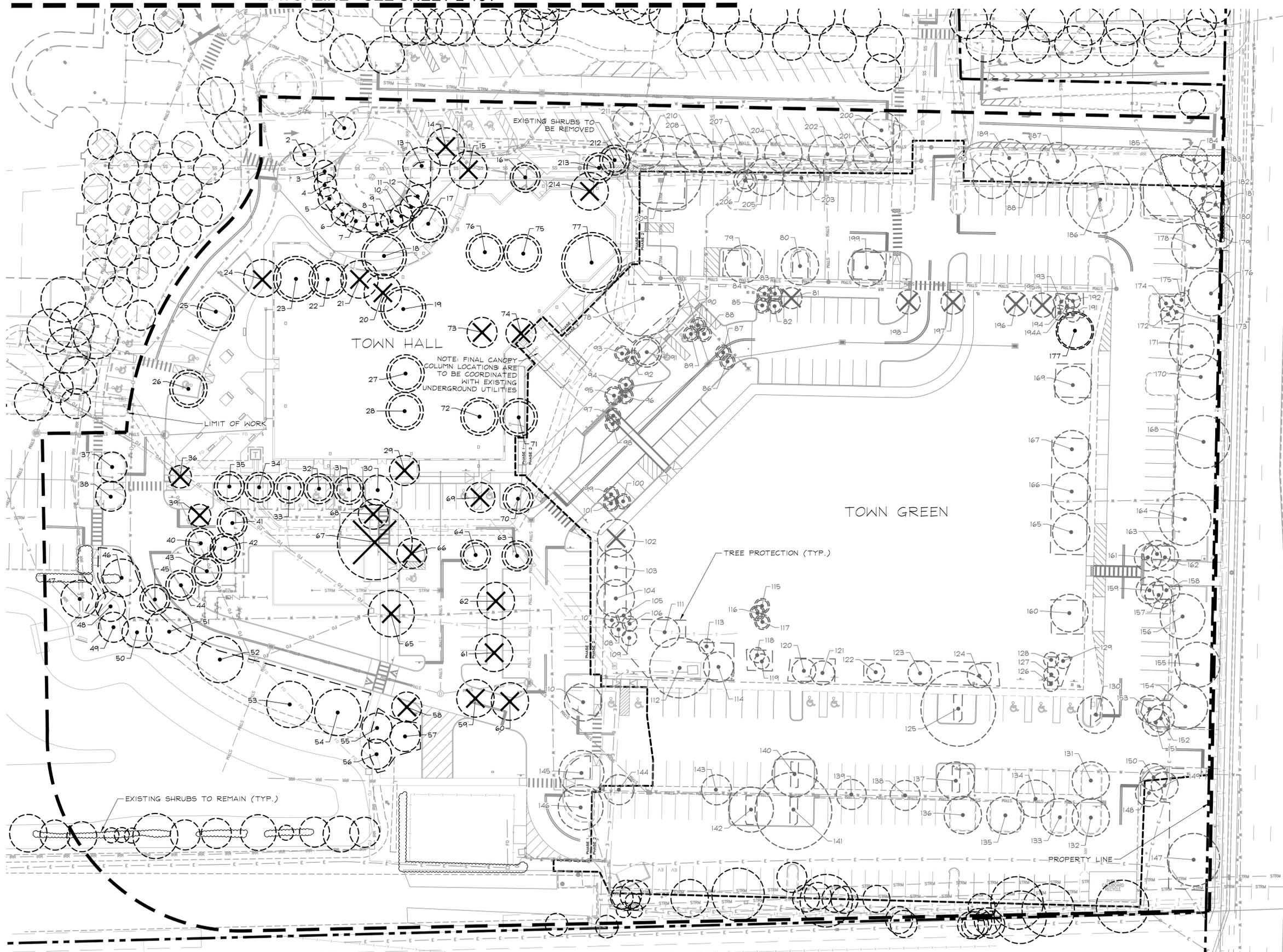
**C-900**

MATCHLINE - SEE SHEET L-101



KEY:

	TREE TO REMAIN
	TREE TO BE REMOVED
	TREE TO BE RELOCATED
	TREE TO BE PROTECTED PER DETAIL ON SHEET L-101



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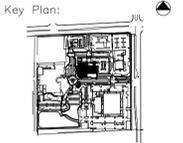
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
 210 MILITARY TRAIL  
 JUPITER, FL 33458



Revisions:


Date: 05/16/2024  
 S+A Project No.: 21004  
 Owner Project No.: AVB  
 Drawn By: TCR  
 Checked By: TCR  
 Phase: 100% CONSTRUCTION DOCUMENTS

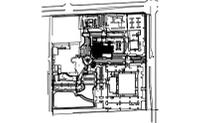
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**TREE DISPOSITION PLAN**

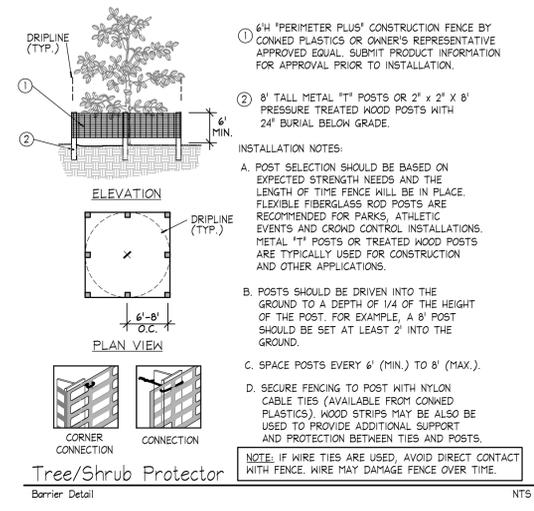
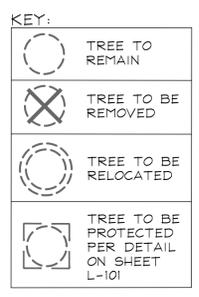
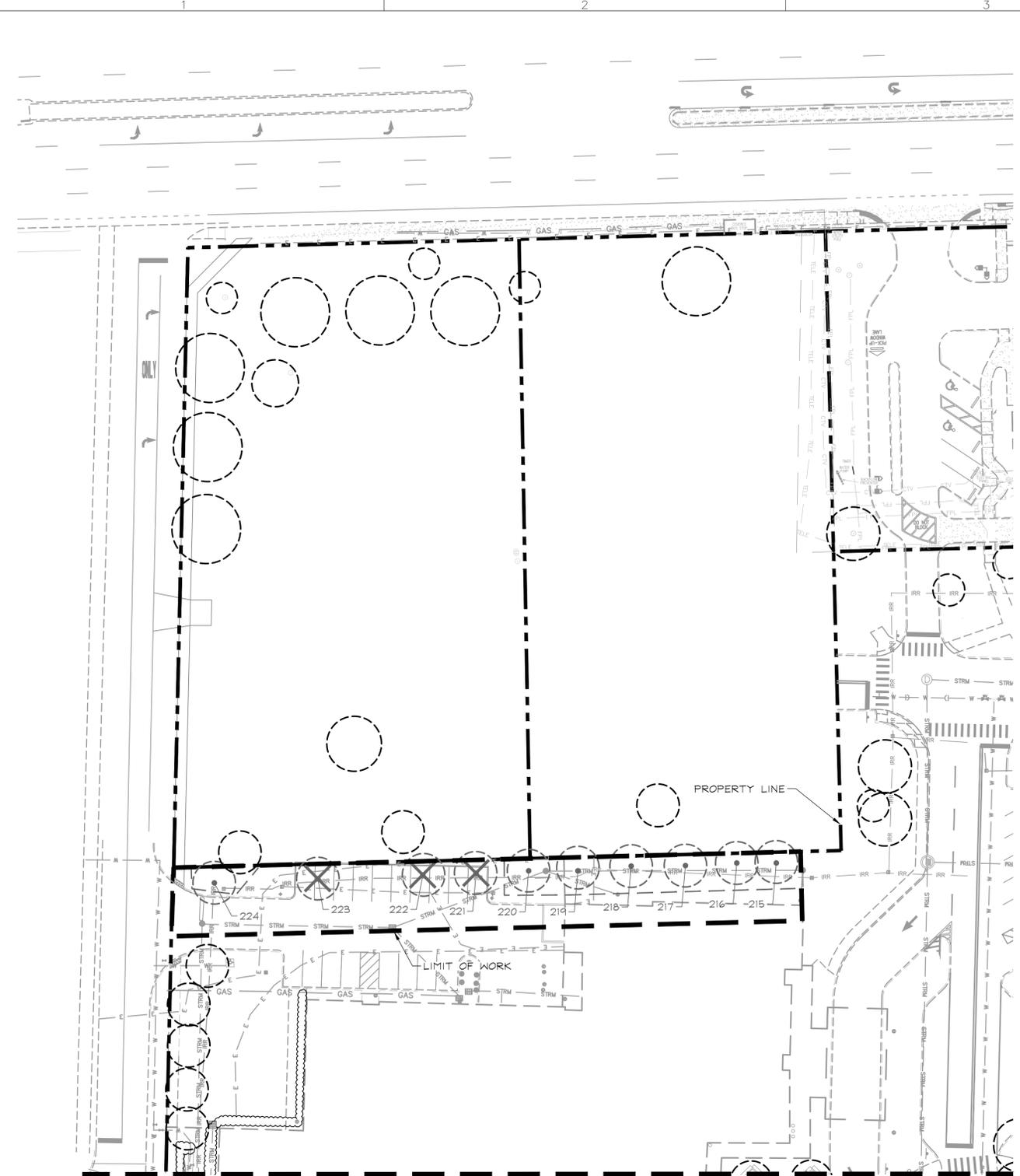
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**L-100**

Plotted By: Bogenrief, Alex. Sheet: Set: JUPITER TOWN HALL. Layout: L-100 TREE DISPOSITION PLAN. May 16, 2024. 12:41:25pm. K:\BCD\_CW\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-100 TREE DISPOSITION PLAN.dwg  
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- ROOT PRUNING**
- THE LANDSCAPE ARCHITECT HAS OBSERVED TREES THAT COULD BE IMPACTED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
  - IF CONSTRUCTION ACTIVITIES OCCUR WITHIN THE DRIPLINE (OR THE HORIZONTAL EXTENT OF THE CANOPY) OF A TREE, THEN THAT TREE IS A CANDIDATE FOR ROOT PRUNING.
  - ROOT PRUNING MUST OCCUR PRIOR TO TRENCHING OPERATIONS TO INSURE THAT THE ROOTS ARE CUT CLEAN AND AT PROPER ANGLES AND NOT MECHANICALLY RIPPED FROM THE EARTH DURING CONSTRUCTION.
  - FOR TREES REQUIRING ROOT PRUNING, A TREE ASSESSMENT SHALL BE CONDUCTED AND A ROOT-PRUNING PLAN SHALL BE DEVELOPED BY A CERTIFIED ARBORIST OR CONSULTING ARBORIST. THIS PLAN SHOULD IDENTIFY:
    - MAXIMUM ALLOWABLE SIZE OF ROOTS TO BE CUT
    - ALLOWABLE PROXIMITY TO THE TRUNK FOR CUTS
    - TIME OF YEAR WHEN ROOT CUTTING IS ALLOWABLE (NOTE: IN FLORIDA, IT IS BEST TO AVOID ROOT PRUNING DURING TIMES OF THE "MAY" THROUGH "SEPTEMBER", WHEN THE POTENTIAL FOR DAMAGING WIND LOADS ON TREES ARE GREATEST.)
    - METHOD FOR MAKING CUTS
    - MITIGATING CANOPY PRUNING
    - TYPE AND EXTENT OF NECESSARY STRUCTURAL SUPPORT
    - SCHEDULE FOR WATERING/FERTILIZATION AFTER PRUNING
  - IMPLEMENT THE ROOT PRUNING PLAN PER THE ARBORIST'S RECOMMENDATION.

- TREE RELOCATION**
- TREE RELOCATION GENERAL NOTES
- TREES SHALL BE RELOCATED FROM THEIR PRESENT LOCATION TO A DESIGNATED LOCATION PER THE DIRECTION OF THE PROJECT ENGINEER WHO SHALL DETERMINE THE EXACT LOCATION FOR EACH RELOCATED TREE AND/OR PALM. RELOCATION ACTIVITIES WILL INCLUDE PLANTING ON SLOPES AND/OR LEVEL GRADE.
  - AN ISA - CERTIFIED ARBORIST OR A CERTIFIED LANDSCAPE CONTRACTOR CERTIFIED BY THE FLORIDA NURSERYMEN AND GROWERS ASSOCIATION SHALL PERFORM AND MONITOR ALL TREE ROOT PRUNING AND RELOCATION ACTIVITIES.
  - LANDSCAPE SPECIFICATIONS PROVIDED IN THIS CONSTRUCTION SET SHALL APPLY TO ALL RELOCATED TREES AND/OR PALMS.
  - CONTRACTOR SHALL STAKE AND GUY ALL TREES AT THE TIME OF RELOCATION AS PER DETAILS PROVIDED IN THIS CONSTRUCTION SET. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND/OR REPAIR OF STAKING AND GUYING DURING THE WARRANTY PERIOD. ALL TREES AND/OR PALMS SHALL BE BRACED AT LEAST ONE (1) YEAR OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  - SOIL BACKFILL FOR THE INSTALLATION OF TREES, PALMS, SHRUBS, AND GROUND COVERS SHALL BE UNIFORM MIX OF 25% WELL-ROTTED COMPOST, 25% TOPSOIL, AND 50% CLEAN, WEED-FREE LOOSENED NATIVE SOIL BACKFILL.
  - CONTRACTOR SHALL SUBMIT MANUFACTURERS CERTIFIED ANALYSIS FOR SOIL AMENDMENTS TO THE OWNER'S REPRESENTATIVE.
  - CONTRACTOR SHALL PAY TO HAVE THE BACKFILL LAB TESTED IF REQUESTED BY THE OWNER'S REPRESENTATIVE. NON-SOLUBLE WETTING AGENT SHALL BE ADDED TO THE BACKFILL PER THE MANUFACTURER'S SPECIFICATIONS.

- WATERING RELOCATED TREES**
- THROUGHOUT THE DURATION OF CONSTRUCTION WATER MONITORING SHALL BE SCHEDULED FOR ALL PLANTINGS UNDER THIS CONTRACT.
  - IF SITE EXPERIENCES DROUGHT OR IF RAINFALL DOES NOT ACCUMULATE 2" PER WEEK DURING THE MONITORING PERIOD, HAND WATERING WILL BE NECESSARY.
  - WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER (MEETING THE ABOVE STANDARD) FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. SUITABLE WATER MAY BE AVAILABLE IN THE ADJACENT CANAL - COORDINATE WITH OWNER FOR PERMISSIONS.
  - WATERING PROJECT PLANTINGS MAY BE ACHIEVED BY WATER TRUCK OR BY TEMPORARY IRRIGATION SYSTEM, WHICH MUST BE REMOVED AT THE END OF THE MAINTENANCE PERIOD.
  - CONTRACTOR SHALL SUPPLEMENT RAINFALL BY HAND-WATERING AND DOCUMENT WATERING EFFORTS THROUGH RAINFALL DATA AND MONITORING RECORDS.
  - FOR BIDDING PURPOSES, FOLLOW THE SCHEDULE BELOW:
- DAY 1: WATER IN PLANTINGS PER SPECS.  
 DAY 2-30: 1/2" OF WATER EACH DAY FOR MON, TUES, WED, THURS, SATURDAY  
 DAY 31-90: 1/2" OF WATER EACH DAY FOR MON, WED, SATURDAY  
 DAY 91-180: 1/2" OF WATER EACH DAY FOR WED, SAT

MATCHLINE - SEE SHEET L-100

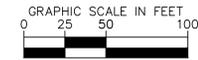
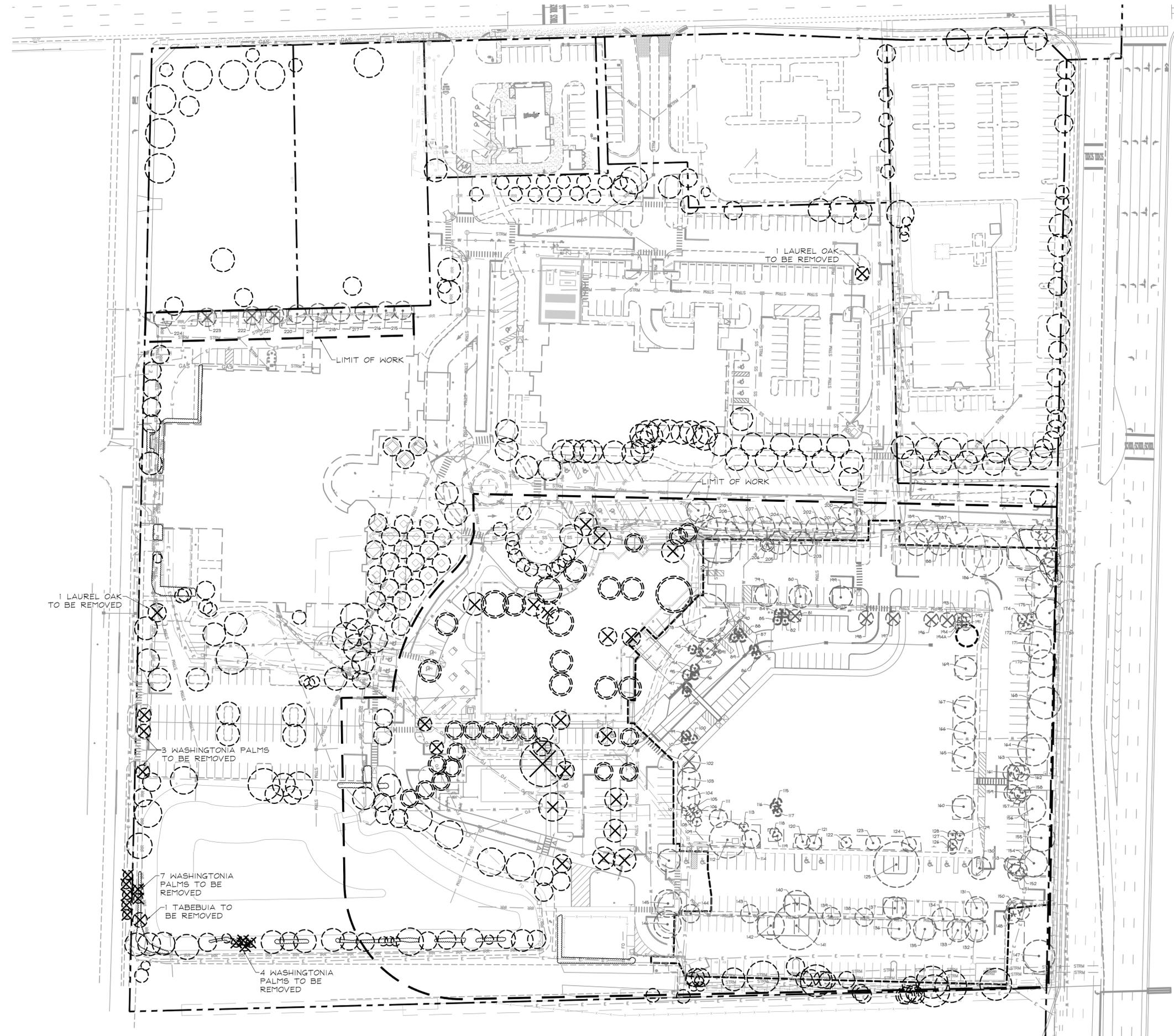
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NO.	BOTANICAL NAME	COMMON NAME	DBH (IN)	SPR (FT)	HT (FT)	REPLACE CRED.	REMAIN CRED.	DISPOSITION
1	Roystonea regia	Royal Palm		15'	t			REMAIN
2	Roystonea regia	Royal Palm		15'	25'			REMAIN
3	Roystonea regia	Royal Palm		15'	25'			REMAIN
4	Lagerstromia indica	Crape Myrtle	8"	10'	15'		4	REMAIN
5	Roystonea regia	Royal Palm		15'	25'			REMAIN
6	Lagerstromia indica	Crape Myrtle	10"	10'	15'		4	REMAIN
7	Roystonea regia	Royal Palm		15'	25'			REMAIN
8	Lagerstromia indica	Crape Myrtle	7"	10'	15'		3	REMAIN
9	Roystonea regia	Royal Palm		15'	25'			REMAIN
10	Lagerstromia indica	Crape Myrtle	9"	10'	15'		4	REMAIN
11	Roystonea regia	Royal Palm		15'	25'			REMAIN
12	Lagerstromia indica	Crape Myrtle	10"	10'	15'		4	REMAIN
13	Quercus virginiana	Live Oak	11"	20'	25'		4	REMAIN
14	Quercus virginiana	Live Oak	8"	15'	20'	4		REMOVE
15	Quercus virginiana	Live Oak	15"	30'	30'	4		REMOVE
16	Quercus virginiana	Live Oak	15"	30'	30'		4	RELOCATE
17	Bursera simaruba	Gumbo Limbo	4"	10'	20'		2	RELOCATE
18	Bursera simaruba	Gumbo Limbo	19"	30'	35'		5	RELOCATE
19	Bursera simaruba	Gumbo Limbo	24"	30'	25'		6	RELOCATE
20	Bursera simaruba	Gumbo Limbo	10"	30'	25'	4		REMOVE
21	Bursera simaruba	Gumbo Limbo	10"	30'	25'	4		REMOVE
22	Bursera simaruba	Gumbo Limbo	17"	30'	25'		5	RELOCATE
23	Bursera simaruba	Gumbo Limbo	24"	30'	25'	6		RELOCATE
24	Tabebuia aurea	Tabebuia	14"	30'	30'	4		REMOVE
25	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
26	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
27	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
28	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
29	Quercus virginiana	Live Oak	4"	6'	16'	2		REMOVE
30	Roystonea regia	Royal Palm		15'	25'			RELOCATE
31	Roystonea regia	Royal Palm		15'	25'			RELOCATE
32	Roystonea regia	Royal Palm		15'	30'			RELOCATE
33	Roystonea regia	Royal Palm		15'	35'			RELOCATE
34	Roystonea regia	Royal Palm		15'	30'			RELOCATE
35	Roystonea regia	Royal Palm		15'	35'			RELOCATE
36	Platanus occidentalis	Sycamore	12"	15'	25'	4		REMOVE
37	Roystonea regia	Royal Palm		15'	25'			REMAIN
38	Roystonea regia	Royal Palm		15'	25'			REMAIN
39	Platanus occidentalis	Sycamore	13"	15'	25'	4		REMOVE
40	Roystonea regia	Royal Palm		15'	25'			RELOCATE
41	Roystonea regia	Royal Palm		15'	25'			RELOCATE
42	Roystonea regia	Royal Palm		15'	25'			RELOCATE
43	Roystonea regia	Royal Palm		15'	25'			RELOCATE
44	Roystonea regia	Royal Palm		15'	25'			RELOCATE
45	Roystonea regia	Royal Palm		15'	25'			RELOCATE
46	Quercus virginiana	Live Oak	15"	40'	30'		4	REMAIN
47	Quercus virginiana	Live Oak	17"	40'	30'		5	REMAIN
48	Quercus virginiana	Live Oak	8"	25'	30'		4	REMAIN
49	Roystonea regia	Royal Palm		15'	30'			REMAIN
50	Roystonea regia	Royal Palm		15'	30'			REMAIN
51	Quercus virginiana	Live Oak	19"				5	REMAIN
52	Quercus virginiana	Live Oak	13"				4	REMAIN
53	Quercus virginiana	Live Oak	14"				4	REMAIN
54	Quercus virginiana	Live Oak	21"				6	REMAIN
55	Bursera simaruba	Gumbo Limbo	14"	20'	20'		4	REMAIN
56	Bursera simaruba	Gumbo Limbo	18"	20'	20'		5	REMAIN
57	Bursera simaruba	Gumbo Limbo	24"	30'	25'		6	REMAIN
58	Bursera simaruba	Gumbo Limbo	23"	30'	25'			REMOVE
59	Quercus laurifolia	Laurel Oak	17"	25'	30'	5		REMOVE
60	Quercus laurifolia	Laurel Oak	17"	25'	30'	5		REMOVE
61	Platanus occidentalis	Sycamore	14"	15'	25'	4		REMOVE
62	Platanus occidentalis	Sycamore	8"	15'	25'	4		REMOVE
63	Quercus virginiana	Live Oak	19"	25'	30'		5	RELOCATE
64	Quercus virginiana	Live Oak	24"	25'	30'		6	RELOCATE
65	Bucida buceras	Black Olive	28"	30'	30'	6		REMOVE
66	Quercus virginiana	Live Oak	17"	30'	30'		5	REMOVE
67	Clusia rosea	Pitch Apple	33"	40'	35'	6		REMOVE
68	Roystonea regia	Royal Palm		15'	35'			REMOVE
69	Quercus virginiana	Live Oak	20"	25'	30'	6		REMOVE
70	Quercus virginiana	Live Oak	18"	25'	30'		5	RELOCATE
71	Quercus virginiana	Live Oak	4"	8'	16'		2	RELOCATE
72	Quercus virginiana	Live Oak	4"	8'	16'		2	RELOCATE
73	Quercus virginiana	Live Oak	14"	20'	25'	4		REMOVE
74	Quercus virginiana	Live Oak	14"	20'	25'	4		REMOVE
75	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
76	Quercus virginiana	Live Oak	4"	8'	20'		2	RELOCATE
77	Quercus virginiana	Live Oak	27"	40'	30'		6	RELOCATE
78	Quercus virginiana	Live Oak	36"	60'	30'		6	REMAIN
79	Quercus virginiana	Live Oak	16"	30'	30'		5	REMAIN
80	Quercus virginiana	Live Oak	30"	30'	30'		6	REMAIN
81	Lagerstromia indica	Crape Myrtle	6"	10'	10'	3		REMOVE
82	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
83	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE

NO.	BOTANICAL NAME	COMMON NAME	DBH (IN)	SPR (FT)	HT (FT)	REPLACE CRED.	REMAIN CRED.	DISPOSITION
84	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
85	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
86	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
87	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
88	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
89	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
90	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
91	Magnolia grandiflora	Southern Magnolia	11"	20'	25'		4	RELOCATE
92	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
93	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
94	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
95	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
96	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
97	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
98	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
99	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
100	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
101	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
102	Swietenia macrophylla	Mahogany	24"	20'	30'	6		REMOVE
103	Swietenia macrophylla	Mahogany	16"	20'	30'		5	REMAIN
104	Swietenia macrophylla	Mahogany	27"	20'	30'		6	REMAIN
105	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
106	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
107	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
108	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
109	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
110	Quercus virginiana	Live Oak	29"	30'	30'		6	REMAIN
111	Quercus virginiana	Live Oak	29"	30'	30'		6	REMAIN
112	Quercus virginiana	Live Oak	30"	30'	30'		6	REMAIN
113	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
114	Quercus virginiana	Live Oak	26"	30'	30'		6	REMAIN
115	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
116	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
117	Sabal palmetto	Sabal Palm		10'	20'			RELOCATE
118	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
119	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
120	Lagerstromia indica	Crape Myrtle	12"	15'	20'		4	REMAIN
121	Lagerstromia indica	Crape Myrtle	8"	15'	20'		4	REMAIN
122	Thrinax radiata	Thatch Palm		15'	25'			REMAIN
123	Lagerstromia indica	Crape Myrtle	10"	15'	20'		4	REMAIN
124	Lagerstromia indica	Crape Myrtle	7"	15'	20'		3	REMAIN
125	Quercus virginiana	Live Oak	32"	60'	35'		6	REMAIN
126	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
127	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
128	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
129	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
130	Quercus virginiana	Live Oak	31"	40'	30'		6	REMAIN
131	Quercus virginiana	Live Oak	13"	30'	30'		4	REMAIN
132	Quercus virginiana	Live Oak	18"	30'	30'		5	REMAIN
133	Quercus virginiana	Live Oak	14"	30'	30'		4	REMAIN
134	Platanus occidentalis	Sycamore	7"	15'	25'		3	REMAIN
135	Quercus virginiana	Live Oak	15"	30'	30'		4	REMAIN
136	Quercus virginiana	Live Oak	13"	30'	30'		4	REMAIN
137	Quercus virginiana	Live Oak	22"	30'	30'		6	REMAIN
138	Platanus occidentalis	Sycamore	7"	15'	20'		3	REMAIN
139	Platanus occidentalis	Sycamore	5"	10'	20'		2	REMAIN
140	Quercus virginiana	Live Oak	13"	30'	30'		4	REMAIN
141	Quercus virginiana	Live Oak	16"	30'	30'		5	REMAIN
142	Quercus virginiana	Live Oak	11"	30'	30'		4	REMAIN
143	Platanus occidentalis	Sycamore	8"	15'	20'		4	REMAIN
144	Platanus occidentalis	Sycamore	6"	15'	20'		3	REMAIN
145	Quercus virginiana	Live Oak	20"	30'	30'		6	REMAIN
146	Quercus virginiana	Live Oak	18"	30'	30'		5	REMAIN
147	Quercus virginiana	Live Oak	48"	60'	35'		6	REMAIN
148	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
149	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
150	Sabal palmetto	Sabal Palm		10'	25'			REMAIN
151	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
152	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
153	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
154	Quercus virginiana	Live Oak	25"	50'	30'		6	REMAIN
155	Quercus virginiana	Live Oak	24"	50'	30'		6	REMAIN
156	Quercus virginiana	Live Oak	27"	50'	30'		6	REMAIN
157	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
158	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
159	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
160	Quercus virginiana	Live Oak	26"	40'	30'		6	REMAIN
161	Sabal palmetto	Sabal Palm		10'	10'			REMAIN
162	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
163	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
164	Quercus virginiana	Live Oak	38"	50'	30'		6	REMAIN
165	Quercus virginiana	Live Oak	39"	40'	30'		6	REMAIN
166	Ligustrum	Ligustrum	15"	30'	20'		4	REMAIN

NO.	BOTANICAL NAME	COMMON NAME	DBH (IN)	SPR (FT)	HT (FT)	REPLACE CRED.	REMAIN CRED.	DISPOSITION
167	Quercus virginiana	Live Oak	24"	30'	30'		6	REMAIN
168	Quercus virginiana	Live Oak	42"	50'	30'		6	REMAIN
169	Quercus virginiana	Live Oak	24"	40'	30'		6	REMAIN
170	Quercus virginiana	Live Oak	26"	40'	30'		6	REMAIN
171	Quercus virginiana	Live Oak	16"	30'	30'		5	REMAIN
172	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
173	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
174	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
175	Sabal palmetto	Sabal Palm		10'	20'			REMAIN
176	Quercus virginiana	Live Oak	25"	40'	30'		6	REMAIN
177	Magnolia grandiflora	Southern Magnolia	7"	15'	25'		3	RELOCATE
178	Quercus virginiana	Live Oak	15"	40'	30'		4	REMAIN
179	Phoenix robellini	Pygmy Date Palm		15'	10'			REMAIN
180	Roystonea regia	Royal Palm		15'	35'			REMAIN
181	Roystonea regia	Royal Palm		15'	35'			REMAIN

Plotted By: Bogenrief, Alex. Sheet: Set: JUPITER TOWN HALL. Layout: L-103 OVERALL DISPOSITION PLAN. May 16, 2024. 12:42:05pm. K:\BCD\_Civil\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-100 TREE DISPOSITION PLAN.dwg  
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KEY:

-  TREE TO REMAIN
-  TREE TO BE REMOVED
-  TREE TO BE RELOCATED
-  TREE TO BE PROTECTED PER DETAIL ON SHEET L-101



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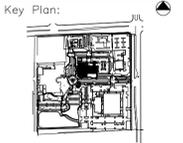
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458



Revisions:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 05/16/2024  
S+A Project No.: 210004  
Owner Project No.: LM  
Drawn By: LM  
Checked By: JAW

Phase:  
100% CONSTRUCTION DOCUMENTS

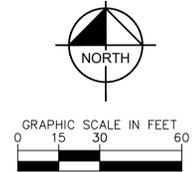
Sheet Title:

**OVERALL DISPOSITION PLAN**

Sheet #:

**L-103**

MATCHLINE - SEE SHEET L-201



# 宋

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**JUPITER TOWN HALL - PHASE 2**

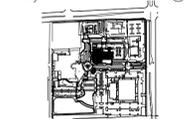


**TOWN OF JUPITER**

210 MILITARY TRAIL

JUPITER, FL 33458

Key Plan:



Revisions:

ENG COMMENTS 5/16/24

Date: 2/8/24

S+A Project No.: 21004

Owner Project No.:

Drawn By: LM

Checked By: JAW

Phase:

100% CONSTRUCTION DOCUMENTS

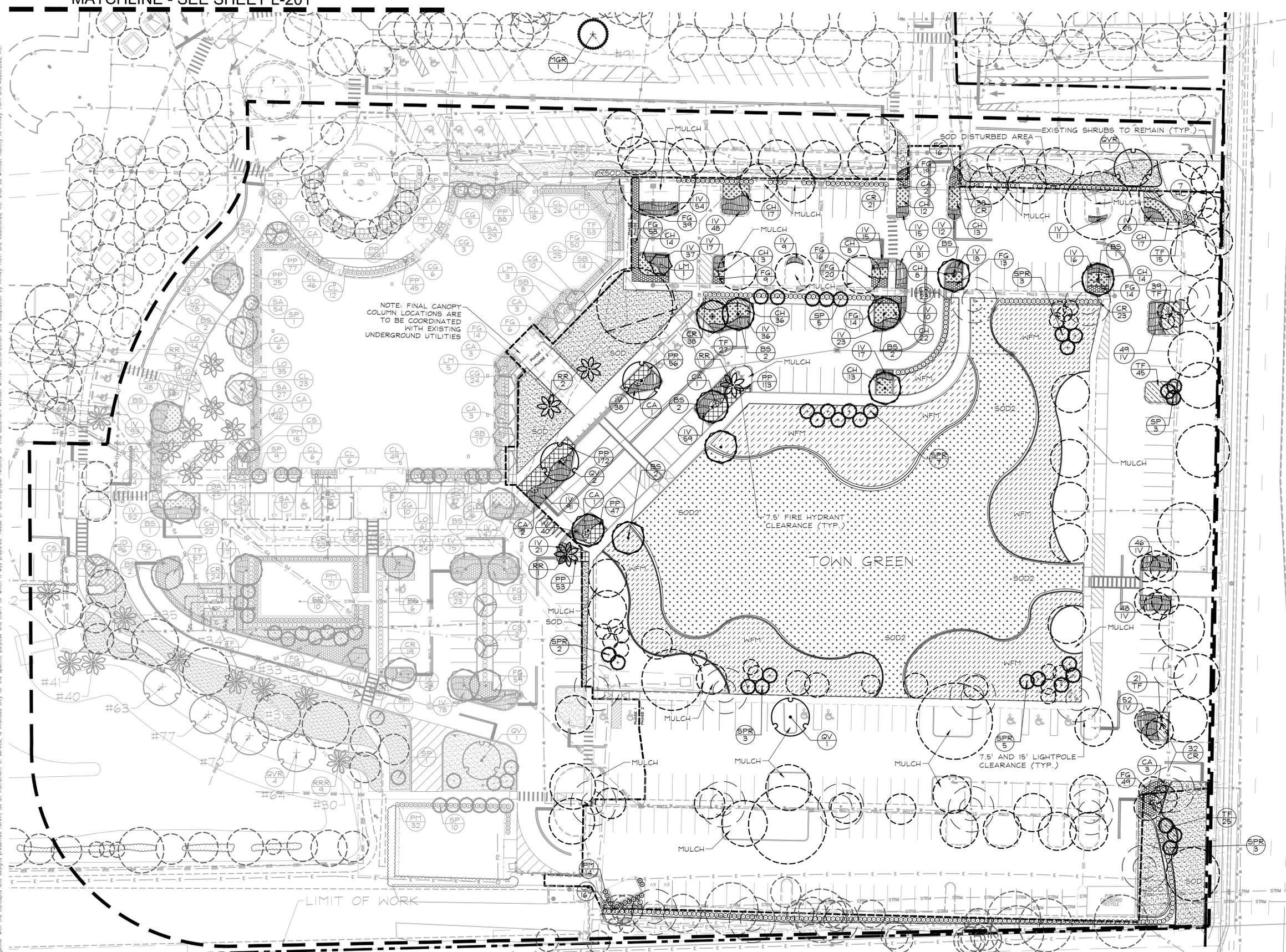
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LANDSCAPE PLAN

Sheet #:

L-200

Plotted By: Bogner, Alex. Sheet: JUPITER TOWN HALL - PHASE 2 - LANDSCAPE PLAN - L-200. Date: 2/8/24. Time: 12:44:00pm. K:\BCD\_Civil\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-200 LANDSCAPE PLAN - PH2.dwg  
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NOTE: FINAL CANOPY COLUMN LOCATIONS ARE TO BE COORDINATED WITH EXISTING UNDERGROUND UTILITIES

7.5' FIRE HYDRANT CLEARANCE (TYP.)

7.5' AND 15' LIGHTPOLE CLEARANCE (TYP.)

**PLANT SCHEDULE**

TREES	PALM TREES	SHRUBS	SHRUB AREAS	GROUND COVERS
BS Gumbo Limbo	RR Royal Palm	CA Crinum Lily	CH Horizontal Cocoplum	FG Green Island Ficus
LM 'Muskogee' Crape Myrtle	SP Sabal Palm	CR Red Tip Cocoplum	PP Pringles Podocarpus	IV Dwarf Yaupon Holly
MGR Southern Magnolia	SPR Sabal Palm	HC Compact Firebush	SB Sand Cordgrass	SOD Floratam St. Augustine Grass
QV Southern Live Oak		PM Podocarpus	TF Florida Gamagrass	SOD2 Argentine Bahiagrass
QVR Southern Live Oak				WFM Wildflower Mix



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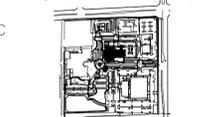
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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions :

ENG COMMENTS 5/16/24

Date : 2/8/24

S+A Project No. : 21004

Owner Project No. :

Drawn By : LM

Checked By : JAW

Phase :

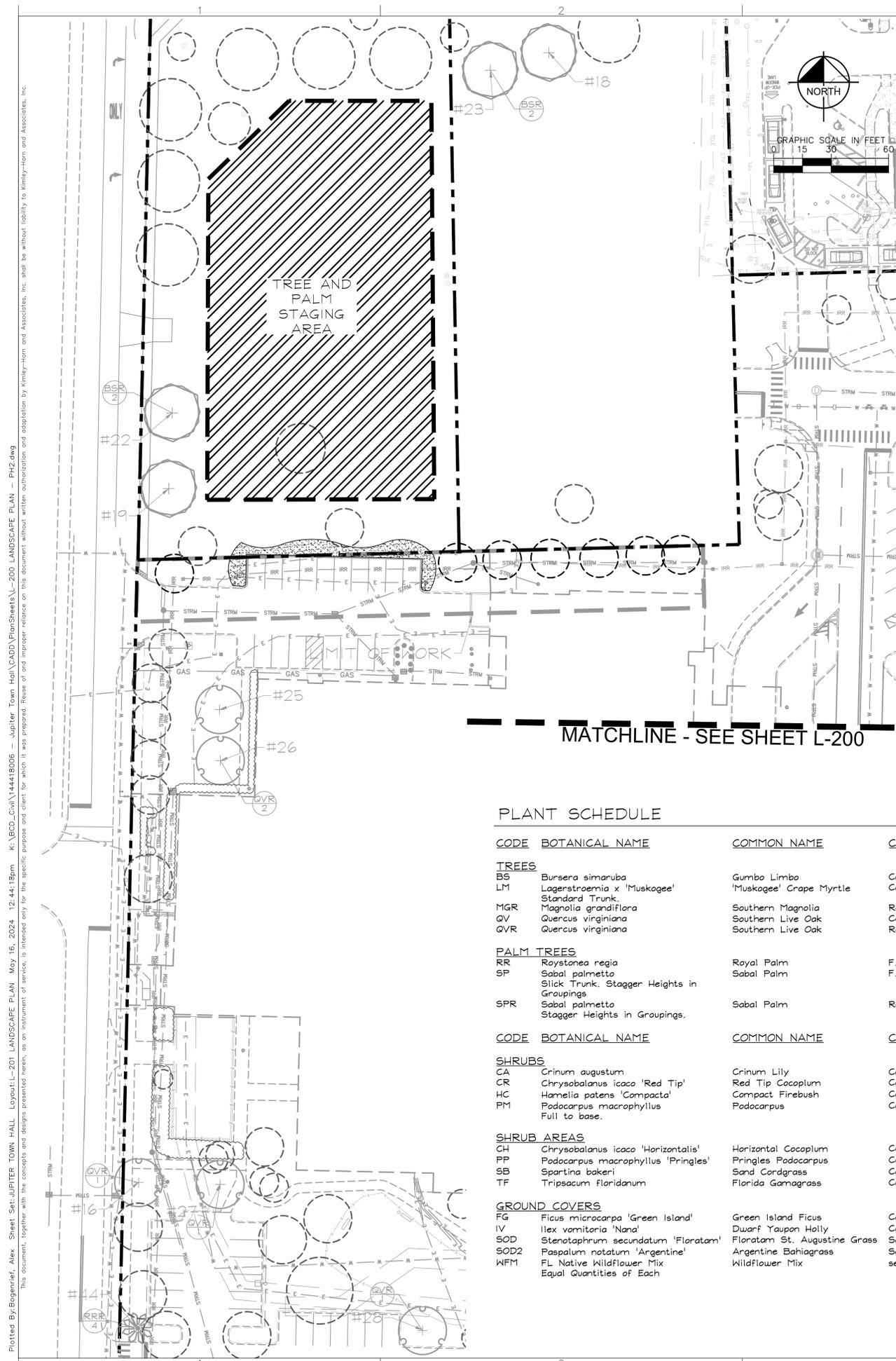
100% CONSTRUCTION DOCUMENTS

Sheet Title :

LANDSCAPE PLAN

Sheet # :

L-201

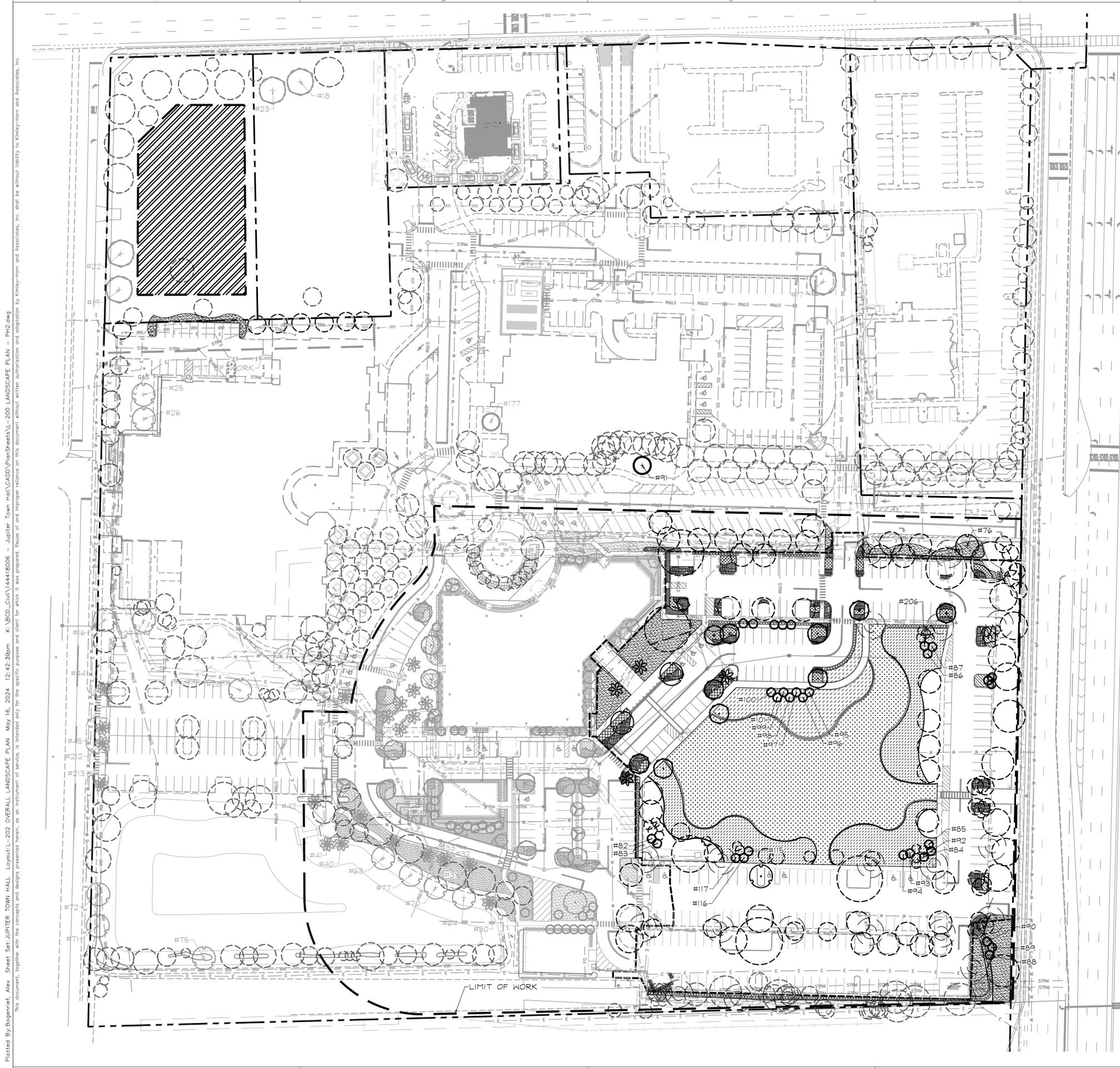


CODE REQUIREMENTS (PER JUPITER LAND DEVELOPMENT CODE - CHAPTER 23)			
SITE AREA: 981,557 SF ZONING: PI PUBLIC/INSTITUTIONAL LAND USE: CIVIC		REQUIRED	PROVIDED
<b>SEC. 23-70.1</b> 20% OF THE AMOUNT OF VEHICULAR USE AREA SHALL BE REQUIRED INTERIOR LANDSCAPE AREA 290,783 x 20% = 58,257 SF		58,157 SF	58,157 SF
<b>SEC. 23-70.2</b> 40% OF THE PERIMETER OF THE PRINCIPAL BUILDING(S) SHALL BE IMPROVE PLANTING. 784 LF x 3.75 = 2,940 SF A MINIMUM OF 1 SHADE TREE (12-14' HT), 3 PALMS (8-12' HT), OR 3 ACCENT TREES (6-10' HT) FOR EVERY 250 SQUARE FEET OF FOUNDATION PLANTING. 2,940 SF / 250 SF = 12 TREES		2,940 SF 12 TREES	2,940 SF 12 TREES
<b>SEC. 23-70.3</b> EACH LANDSCAPE PENINSULA OR ISLAND SHALL CONTAIN MINIMUM 1 TREE (12-14' HT), AND 7 SHRUBS (2-3' HT) OR 15 GROUNDCOVER PLANTS (.5-2' HT) 58 ISLANDS = 59 TREES AND 413 SHRUBS OR 885 GROUND COVERS		58 TREES 406 SHRUBS 870 GROUNDCOVER	54 TREES 406 SHRUBS 870 GROUNDCOVER
<b>SEC. 23-71</b> ALL PARCEL MUST MEET THE MINIMUM GREEN SPACE REQUIREMENT. 981,557 SF x 0.30 (CLASSIFIED AS PI BY CODE ZONING CHAPTER 27) = 294,468 SF		294,468 SF	316,587 SF
<b>SEC. 23-74</b> ALL ABOVE GROUND UTILITIES SHALL BE SCREENED.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>SEC. 23-96</b> NO MORE THAN 50% OF ALL TOTAL TREES REQUIRED OR PROPOSED MAY BE PALMS. 91 TREES/PALMS x 50% = 45 PALMS 50% OF PLANT MATERIAL SHALL BE NATIVE		45 PALMS 50% NATIVE	39 PALMS 54% NATIVE

PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	CONT.	CAL.	SIZE	QTY
<b>TREES</b>						
BS	Bursera simaruba	Gumbo Limbo	Cont.	3" Cal.	12' HT x 5' SPR	10
LM	Lagerstroemia x 'Muskogee' Standard Trunk	'Muskogee' Grape Myrtle	Cont.	3" Cal.	12' HT x 5' SPR	1
MGR	Magnolia grandiflora	Southern Magnolia	Relocated			1
QV	Quercus virginiana	Southern Live Oak	Cont.	3" Cal.	12' HT x 5' SPR	3
QVR	Quercus virginiana	Southern Live Oak	Relocated			1
<b>PALM TREES</b>						
RR	Roystonea regia	Royal Palm	F.G.		14'GW	4
SP	Sabal palmetto Slick Trunk. Stagger Heights in Groupings	Sabal Palm	F.G.		18' - 22' CT	8
SPR	Sabal palmetto Stagger Heights in Groupings.	Sabal Palm	Relocated			23
<b>SHRUBS</b>						
CA	Crinum augustum	Crinum Lily	Cont.	As Shown	36"HT	10
CR	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	Cont.	36" O.C.	24"x24"	326
HC	Hamelia patens 'Compacta'	Compact Firebush	Cont.	36" O.C.	24"x24"	7
PM	Podocarpus macrophyllus Full to base.	Podocarpus	Cont.	36" O.C.	5' HT	14
<b>SHRUB AREAS</b>						
CH	Chrysobalanus icaco 'Horizontalis'	Horizontal Cocoplum	Cont.	36" O.C.	15"x15"	177
PP	Podocarpus macrophyllus 'Pringles'	Pringles Podocarpus	Cont.	18" O.C.	15"x15"	441
SB	Spartina bakeri	Sand Cordgrass	Cont.	36" O.C.	18" HT	14
TF	Tripsacum floridanum	Florida Gamagrass	Cont.	30" O.C.	18" HT	172
<b>GROUND COVERS</b>						
FG	Ficus microcarpa 'Green Island'	Green Island Ficus	Cont.	24" O.C.	12" SPR	248
IV	Ilex vomitoria 'Nana'	Dwarf Yaupon Holly	Cont.	24" O.C.	12"x12"	841
SOD	Stenotaphrum secundatum 'Floratum'	Floratum St. Augustine Grass				±10,590 sf
SOD2	Paspalum notatum 'Argentine'	Argentine Bahiagrass				±31,518 sf
WFM	FL Native Wildflower Mix Equal Quantities of Each	Wildflower Mix	seed			±23,721 sf

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**PLANTING NOTES:**

1. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
5. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
7. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
8. ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.

**SEEDING NATIVE WILDFLOWERS AND GRASSES**

**PLANT MATERIALS (SEED)**

A. PLANT SPECIES AND SEED SOURCES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES AS PUBLISHED BY THE INSTITUTE OF SYSTEMATIC BOTANY (UNIVERSITY OF SOUTH FLORIDA) ATLAS OF FLORIDA VASCULAR PLANTS (UNIVERSITY OF SOUTH FLORIDA). SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT. PRE-ORDERING OF SEED IS STRONGLY ENCOURAGED TO ENSURE QUANTITY/ AVAILABILITY.

- SPECIES**
1. WILDFLOWER MIX - FLORIDA NATIVE BLEND; SUBJECT TO AVAILABILITY.  
CONTACT: THE NATIVES, INC. www.thenatives.net 863-422-6664
  - B. SEED WHICH HAS BECOME WET, MUSTY OR OTHERWISE DAMAGED IN TRANSIT OR STORAGE WILL NOT BE ACCEPTABLE.

**SEED APPLICATION**

A. WILDFLOWERS AND GRASSES SHALL BE SOWN IN ACCORDANCE WITH THE SPECIFIC SEED SUPPLIER'S INSTALLATION RECOMMENDATIONS.

**WATERING**

A. NEWLY SEEDED AREAS SHALL BE WATERED ONLY AS NEEDED TO PROMOTE SEED GERMINATION, SEEDLING EMERGENCE, EARLY ESTABLISHMENT OF THE SEEDLINGS, AND IN CASES OF SEVERE DROUGHT TO SUSTAIN PLANTINGS. WATER SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH, AND SHALL NOT CONTAIN NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY THEIR TANKS, HOSES, SPRINKLERS, ETC. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER. \*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

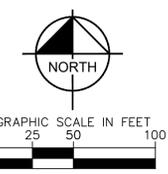
B. WHERE IRRIGATION IS NEEDED FOR SEEDED AREAS, WATERING OF THE SEED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

C. IF A TEMPORARY SPRINKLER SYSTEM IS USED, KEEP ALL PIPE CONNECTIONS TIGHT TO AVOID LEAKAGE AND LOSS OF WATER, AND TO PREVENT WASHING OF EROSION OF GROWING AREAS. MAINTAIN SPRINKLERS IN PROPER WORKING ORDER DURING WATERING.

D. WATERING APPLICATION SHALL BE DONE IN A MANNER WHICH WILL PROVIDE UNIFORM COVERAGE BUT WHICH WILL NOT CAUSE EROSION, MOVEMENT OR DAMAGE TO THE SOIL SURFACE.

E. APPLY A MINIMUM OF 3/8 INCH OF WATER PER APPLICATION

1. MOWING - WILDFLOWERS AND GRASSES SHALL BE MOWED IN ACCORDANCE WITH THE SPECIFIC SEED SUPPLIER'S RECOMMENDATIONS.



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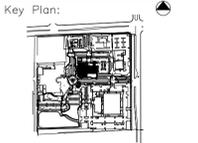
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458



Revisions:

No.	Description	Date

Date: 2/8/24  
S+A Project No.: 21004  
Owner Project No.:  
Drawn By: LM  
Checked By: JAW

Phase: 100% CONSTRUCTION DOCUMENTS

**OVERALL LANDSCAPE PLAN**

Sheet #: L-202

Plotted By: Bogenrief, Alex. Sheet: JUPITER TOWN HALL - LAYOUT - 202 OVERALL LANDSCAPE PLAN. May 16, 2024. 12:42:38pm. K:\BCD\_Civil\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-200 LANDSCAPE PLAN - PH2.dwg  
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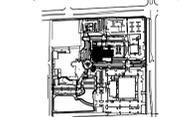
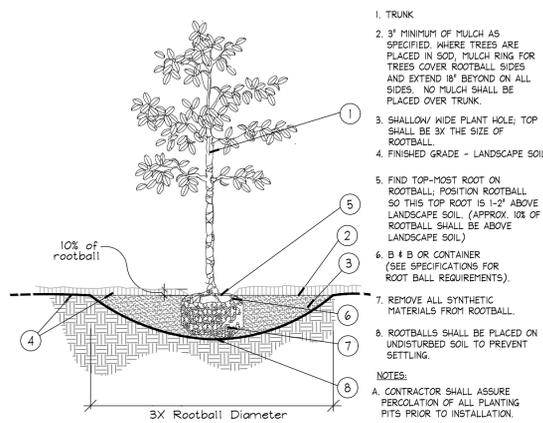
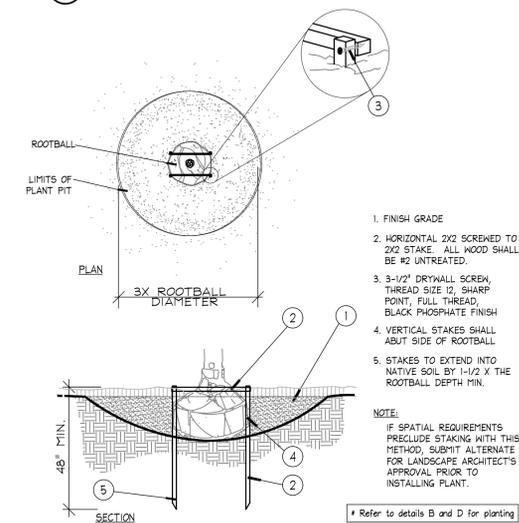


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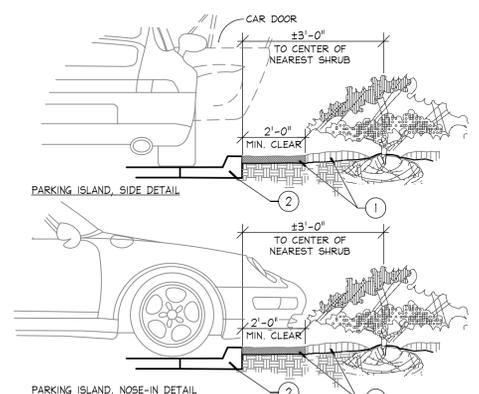
A Tree Planting

SECTION NTS



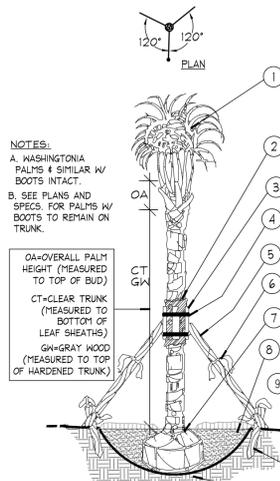
E Staking - up to 65 gal. or B&B to 3-1/2" Cal.

PLAN/SECTION NTS



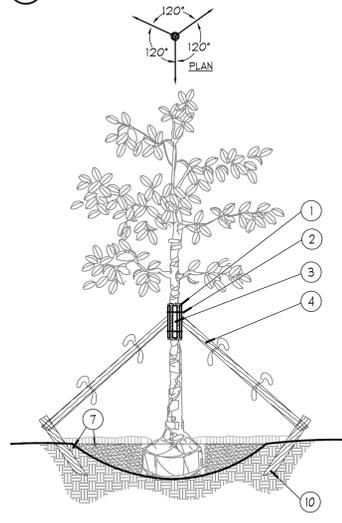
I Parking Space/Curb Planting

SECTION NTS



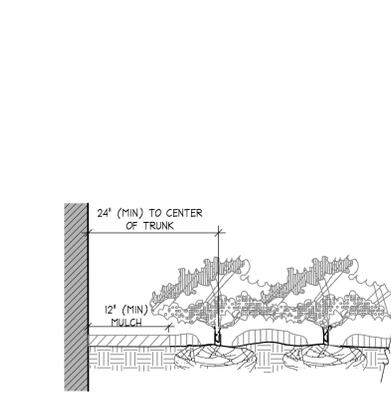
B Palm Planting and Staking

SECTION NTS



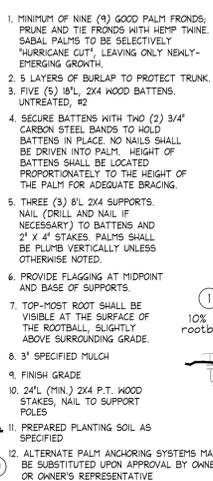
F Large Tree Staking - 100 Gal + or B&B 4" +

SECTION NTS



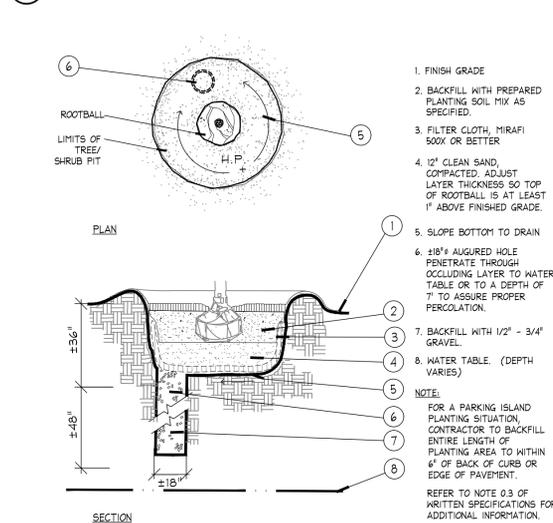
J Plantings Adjacent to Buildings

SECTION NTS



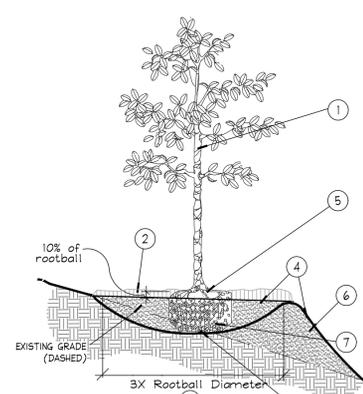
C Shrub / Groundcover Planting

PLAN/SECTION NTS



G Poor Drainage Condition

PLAN/SECTION NTS



K Planting on a Slope

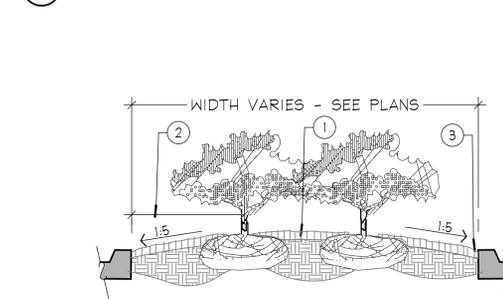
SECTION NTS

NOTES:

- 1. FIND POINT WHERE TOPMOST ROOT EMERGES FROM TRUNK WITHIN 2' OF SURFACE. CLEAR EXCESS SOIL IF NECESSARY.
- 2. TOP 10% OF SHRUB AND GROUNDCOVER ROOTBALLS TO BE PLANTED ABOVE THE LANDSCAPE GRADE. DO NOT COVER EXPOSED 10% ON SIDES WITH SOIL.
- 3. PRUNE ALL LIKE SHRUBS WITHIN A PLANTED MASS TO ACHIEVE A UNIFORM MASS/HEIGHT.
- 4. 3" MINIMUM MULCH AS SPECIFIED - DO NOT COVER ENTIRE SHRUB ROOTBALL OR CREATE WATER RINGS! ONLY COVER SIDES OF ROOTBALL WITH MULCH.
- 5. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER (SEE GRADING PLAN).
- 6. FINISHED GRADE (SEE GRADING PLAN).
- 7. PREPARED PLANTING SOIL AS SPECIFIED. NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
- 8. SCARIFY ROOTBALL SIDES AND BOTTOM.

D Fire Hydrant Clear Zone

PLAN NTS



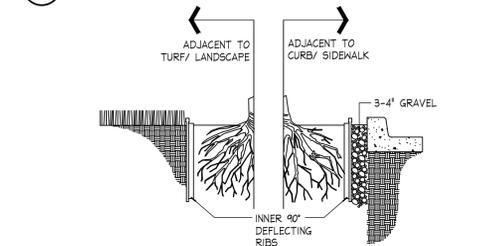
PLANTER ISLAND NOTES

- 1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
- 2. CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF. SEE PLANS, SEE DETAIL 'I' FOR PLANTER MEDIANS ADJACENT TO PARKING SPACES.
- 3. 1" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

- EXCAVATE CONTINUOUS 36" DEEP (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.
- PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).
- ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS.

H Planted Parking Lot Islands / Medians

SECTION NTS



LINEAR APPLICATION

ROOT BARRIER BY: Century Root Barrier (714)632-7083 (or) DeepRoot (800)458-7668 (or approved equal)

SIZE: 42" D  
MATERIAL: POLYETHYLENE WITH ULTRAVIOLET INHIBITORS  
THICKNESS: .085 IN. (min.)

NOTES:

- 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 2. INSTALL AS REQUIRED, PER PLAN NOTES.
- 3. SUBMIT PRODUCT DATA FOR APPROVAL.

L Root Barrier

Barrier Detail NTS

Plotted By: Bogner, Alex. Sheet: Set-JUPITER TOWN HALL. Layout: L-21 LANDSCAPE NOTES. May 16, 2024. 12:42:58pm. K:\BCD\_CAD\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-21 LANDSCAPE DETAILS.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

## GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

### A. SCOPE OF WORK

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

### B. PROTECTION OF EXISTING STRUCTURES

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

### C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

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

### D. MATERIALS

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

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

FERTILIZER	PRODUCT DATA
INOCULANT	PRODUCT DATA
HERBICIDE	PRODUCT DATA
STAKING/GUYING	FOR ALTERNATE TO DETAILS: SEND PRODUCT DATA, DETAIL

### 2. PLANT MATERIALS

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

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

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

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

1. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF 20% CLEAN FLORIDA MUCK AND 80% PARTS CLEAN SAND. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
2. MUCK (OR MUCKY PEAT) FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, AND OF A VERY HIGH ORGANIC CONTENT DERIVED FROM FLORIDA SOURCES; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.
3. SAND FOR USE IN PREPARING SOIL MIXTURE SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY THE OWNER.
4. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
5. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

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

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

### G. FERTILIZER

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

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

### H. MULCH

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

### I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTFRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.
3. PLANTS MARKED 'BR' IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.
4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.
5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB- BASES.

### J. CONTAINER GROWN STOCK

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

### K. COLLECTED STOCK

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

### L. NATIVE STOCK

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

### M. MATERIALS LIST

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

### N. FINE GRADING

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

### O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.
3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

### 4. SODDING

- A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
  - B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
  - C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

### 6. LAWN MAINTENANCE:

- A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRAIDING IF NECESSARY).
- B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

### Q. CLEANUP

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

### R. PLANT MATERIAL MAINTENANCE

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

### S. MAINTENANCE (ALTERNATE BID ITEM)

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

### T. FINAL INSPECTION AND ACCEPTANCE OF WORK

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

### U. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL 7 GALLON AND LARGER PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER 'PLANTING', AT NO ADDITIONAL COST TO THE OWNER.
4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

# 宋

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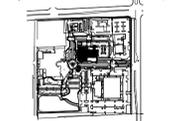
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions :

Date: 05/16/2024

S+A Project No.: 210004

Owner Project No.:

Drawn By: LM

Checked By: JAW

Phase :

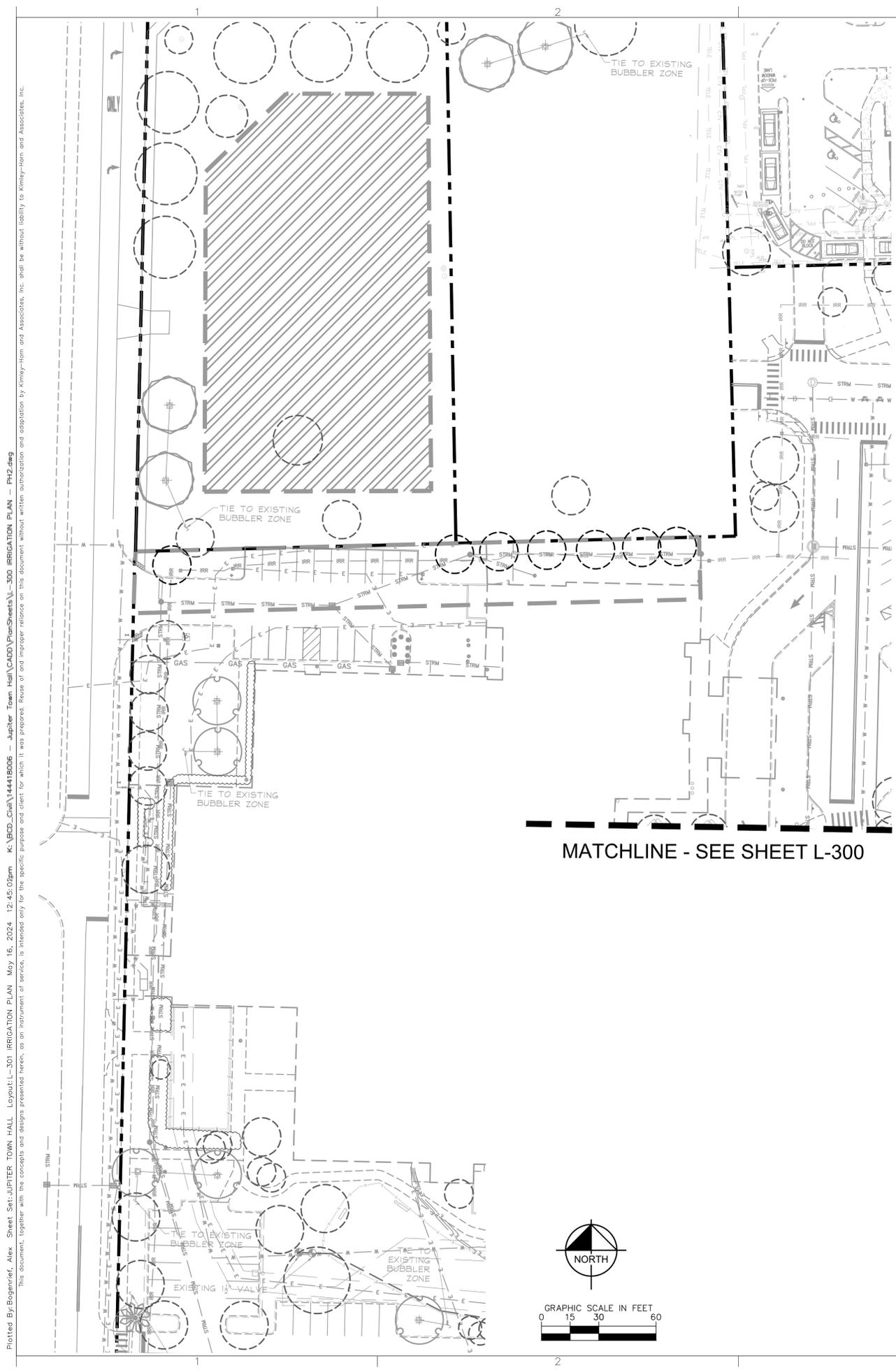
100% CONSTRUCTION DOCUMENTS

Sheet Title :

Sheet # :

L-211





**IRRIGATION SYSTEM NOTES**

- CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
  - IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
  - ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
  - CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
  - CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
  - IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.
- THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH SOURCE 1 PROVIDING 75 GPM AT 60 PSI, SOURCE 2 PROVIDING 75 GPM AT 60 PSI, AND SOURCE 3 PROVIDING 75 GPM AT 60 PSI.
- SPRAY HEAD DESIGN PRESSURE: 30 PSI  
 BUBBLER DESIGN PRESSURE: 30 PSI  
 ROTOR DESIGN PRESSURE: 35 PSI

**IRRIGATION CONNECTIONS TO EXISTING SYSTEM**

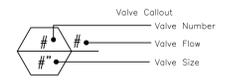
- THE IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR.
- WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
- CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR OPERATING PARAMETERS OF THE EXISTING SYSTEM.
- CONTRACTOR SHALL VERIFY CONTROLLER AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH PROPERTY OWNER.
- COORDINATE WITH PLANTING PLAN FOR PLANTER BED LOCATIONS AND TREE LOCATIONS.
- ALL WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE.
- IF THE MASTER SYSTEM CANNOT PROVIDE THE PARAMETERS OUTLINED IN THESE PLANS, CONTRACTOR SHALL MAKE ADJUSTMENTS TO THE DESIGN BY ADDING CONTROLLER EXPANSIONS, CONTROL VALVES, MAINLINE, AND LATERALS.
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY THEIR LOCATION.
- ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED. WHERE ELECTRIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT. ALL SLEEVES SHALL BE SIZED TWO PIPE SIZES GREATER THAN PIPE IT CARRIES.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.

SLEEVE SIZE SCHEDULE (SCH 40)	
PIPE SIZE (or combination of pipe sizes)	SLEEVE SIZE
1"	2"
1 1/2"	4"
2"	4"
2 1/2"	6"
3"	6"

**IRRIGATION SCHEDULE - PHASE 2**

2024-05-16 09:53

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1806-PRS 15 Strip Series Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	6	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1806-PRS 8 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	7	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1806-PRS 10 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	18	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1806-PRS 12 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	7	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1806-PRS 15 Series MPR Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	43	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1806-PRS ADJ Turf Spray 6.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. Pressure Regulating.	28	30
▲ ▲ ▲ ▲ ▲ EST LCS RCS CST SST	Rain Bird 1812-PRS 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. With Pressure Regulating Device.	63	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1812-PRS 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. With Pressure Regulating Device.	17	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1812-PRS 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. With Pressure Regulating Device.	55	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1812-PRS 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. With Pressure Regulating Device.	12	30
⊙ ⊙ ⊙ ⊙ ⊙	Rain Bird 1812-PRS 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. With Pressure Regulating Device.	29	30
⊙ 4 6 18	Rain Bird 1812-PRS ADJ Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	3	30
⊙ 08HE-VAN ⊙ 12HE-VAN ⊙ 10HE-VAN ⊙ 15HE-VAN	Rain Bird 1812-PRS ADJ Shrub Spray 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. With Pressure Regulating Device.	54	30
▲ ▲ ▲ ▲ ▲ 1401 1402 1404 1408	Rain Bird Flood 1401 Flood Bubbler on IPS flex hose per detail.	25	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
⊙	Rain Bird PEB 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration.	13	
⊙ BF	Existing PVB 2 2" Existing 2" Pressure Vacuum Breaker.	1	
⊙ BF	Febco 825Y 1-1/2" Reduced Pressure Backflow Preventer	1	
⊙ M	Water Meter 2" Existing 2" Meter	1	
⊙ WE	Water Meter 2" Existing 2" Meter	1	
---	Irrigation Lateral Line: PVC Class 200 SDR 21 ±5,547 I.F.		
---	Irrigation Mainline: PVC Schedule 40	±862.8 I.F.	
---	Pipe Sleeve: PVC Schedule 40	AS NEEDED	



MATCHLINE - SEE SHEET L-300



Plotted By: Bogenrief, Alex. Sheet: JUPITER TOWN HALL Layout: L-301 IRRIGATION PLAN. May 16, 2024, 12:45:02pm. K:\BCD\_Civil\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-300 IRRIGATION PLAN - PH2.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



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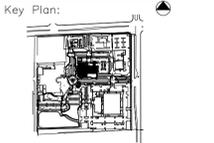
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**JUPITER TOWN HALL - PHASE 2**



**TOWN OF JUPITER**  
 210 MILITARY TRAIL  
 JUPITER, FL 33458



Revisions:  
 ENG COMMENTS 5/16/24

Date: 05/16/2024  
 S+A Project No.: 21004  
 Owner Project No.:  
 Drawn By: LM  
 Checked By: JAW

Phase:  
 100% CONSTRUCTION DOCUMENTS

**IRRIGATION PLAN**

Sheet #:



UNDERGROUND IRRIGATION SYSTEM

PART I: GENERAL
1.01 SCOPE

- A. The work covered by this specification shall include the furnishing of all labor, materials, tools and equipment necessary to perform and complete the installation of an automatic irrigation system as specified herein and as shown on the drawings and any incidental work not shown or specified which can reasonably be determined to be part of the work and necessary to provide a complete and functional system.
B. The work covered by this specification also includes all permits, federal, state and local taxes and all other costs, both foreseeable and unforeseeable at the time of construction.
C. No deviation from these specifications, the accompanying drawings, or agreement is authorized or shall be made without prior written authorization signed by the Owner or his duly appointed representative.

1.02 QUALITY ASSURANCE

- A. Installer Qualifications: A firm specializing in irrigation work with not less than five (5) years of experience in installing irrigation systems similar to those required for this project.
B. Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.
C. Inspection of Site: The Contractor shall acquaint himself with all site conditions, including underground utilities before construction is to begin. Contractor shall coordinate placement of underground materials with contractors previously working underground in the vicinity or those scheduled to do underground work in the vicinity. Contractor is responsible for minor adjustments in the layout of the work to accommodate existing facilities.
D. Protection of Existing Plants and Site Conditions: The Contractor shall take necessary precautions to protect site conditions to remain. Should damages be incurred, this Contractor shall repair the damage to its original condition at his own expense. Any disruption, destruction, or disturbance of any existing plant, tree, shrub, or turf, or any structure shall be completely restored to the satisfaction of the Owner and his representatives, solely at the Contractor's expense.
E. Protection of Work and Property: The Contractor shall be liable for and shall take the following actions as required with regard to damage to any of the Owner's property.

- 1. Any existing building, equipment, piping, pipe coverings, electrical systems, sewers, sidewalks, roads, grounds, landscaping or structure of any kind (including without limitation, damage from leaks in the piping system being installed or having been installed by Contractor) damaged by the Contractor, or by his agents, employees, or subcontractors, during the course of his work, whether through negligence or otherwise, shall be replaced or repaired by Contractor at his own expense in a manner satisfactory to Owner, which repair or replacement shall be a condition precedent to Owner's obligation to make final payment under the Contract.

- 2. Contractor shall also be responsible for damage to any work covered by these specifications before final acceptance of the work. He shall securely cover all openings into the systems and cover all apparatus, equipment and appliances, both before and after being set in place to prevent obstructions on the pipes and the breakage, misuse or disfigurement of the apparatus, equipment or appliance.
3. All trenching or other work under the leaf canopy of any and all trees shall be done by hand or by other methods so that no branches are damaged in any way.

- Buildings, walks, walls, and other property shall be protected from damage. Open ditches left exposed shall be flagged and barricaded by the Contractor by approved means. The Contractor shall restore disturbed areas to their original condition.
4. The Contractor shall be responsible for requesting the proper utility company to stake the exact location of any underground lines including but not limited to electric, gas, telephone service, water, and cable.

The Contractor shall take whatever precautions are necessary to protect these underground lines from damage. In the event damage does occur, all damage shall be completely repaired to its original condition, at no additional cost to the Owner.

- 5. The Contractor shall request the Owner, in writing, to locate any private utilities (i.e., electrical service to outside lighting) before proceeding with any excavation. If, after such requests and necessary staking, private utilities which were not staked are encountered and damaged by the Contractor, they shall be repaired by the Owner at no cost to the Contractor. If the Contractor damages staked or located utilities, they shall be repaired at the Contractor's expense.

- F. Codes and Inspections: The entire installation shall comply fully with all local and state laws and ordinances and with all established codes arrange for all necessary inspections and shall pay all fees and expenses in connection with same, as part of the work under this Contract. Upon completion of the work, he shall furnish to the "Owner" all inspection certificates customarily issued in connection with the class of work involved.

- G. The Contractor shall keep on his work, during its progress, a competent superintendent and any necessary assistants, all satisfactory to the Owner, or Owner's representative.
H. The superintendent shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

- I. The Owner's Landscape Architect or designated individual shall have full authority to approve or reject work performed by the Contractor. The Owner's Authorized Representative shall also have full authority to make field changes that are deemed necessary.

- J. Final Acceptance: Final acceptance of the work may be obtained from the Owner upon the satisfactory completion of all work. Acceptance by the Landscape Architect and/or Owner in no way removes the Contractor of his responsibility to make further repairs, corrections and adjustments to eliminate any deficiencies which may later be discovered.

- K. Guarantees: All work shall be guaranteed for one year from date of final acceptance against all defects in material, equipment and workmanship to the satisfaction of the Owner. Repairs, if required, shall be done promptly at no cost to the Owner.

- 1. The guarantee shall also cover repair of damage to any part of the premises resulting from leaks or workmanship, to the satisfaction of the Owner. The Contractor shall not be responsible for work damaged by others. Repairs, if required, shall be done promptly. The guarantee shall state the name of the Owner, provide full guarantee terms, effective and termination date, name and license number of Contractor providing guarantee, address, and telephone number. It shall be signed by the chief executive of the Contractor of his liability under the guarantee. Such warranties shall only supplement the guarantee.

- 2. If, within ten (10) days after mailing of written notice by the Owner to the Contractor requesting repairs or replacement resulting from a breach of warranty, the Contractor shall neglect to make or undertake with due diligence to make the same, the Owner may make such repairs at the Contractor's expense; provided, however, that in the case of emergency where, in the judgment of the Owner, delay would cause serious loss or damage, repairs or replacement may be made without notice being sent to the Contractor, and Contractor shall pay the cost thereof.

- L. The Contractor shall provide full, 100% irrigation coverage in all areas designed with proposed plantings, in accordance with the site's governing permitting requirements and as designed.

- M. On-site Observation: At any time during the installation of the irrigation system by the Contractor, the Owner or Landscape Architect may visit the site to observe work underway. Upon request, the Contractor shall be required to uncover specified work as directed by the Owner or material, workmanship or method of installation not meet the standards specified herein, the Contractor shall replace the work at his own expense.

- N. Workmanship: All work shall be installed by qualified, skilled personnel, proficient in the trades required, in a neat, orderly, and responsible manner with recognized standards of workmanship. The Contractor shall have had considerable experience and demonstrated ability in the installation of sprinkler irrigation systems of this type.

1.04 SUBMITTALS

All materials shall be those specified and/or approved by the Landscape Architect.

- A. Product Data: After the award of the Contract and prior to beginning work, the Contractor shall submit for approval by the Owner and Landscape Architect, two copies of the complete list of materials, manufacturer's technical data, and installation instructions which he proposes to install.

- B. Commence no work before approval of material list and descriptive material by the Landscape Architect.

- C. Record Drawings: The Contractor shall record on reproduces, all changes that may be made during actual installation of the system. Provide controller sequencing and control valve locations.

- 1. Immediately upon installation of any piping, valves, wiring, sprinklers, etc., in locations other than shown on the original drawings or of sizes other than indicated, the Contractor shall clearly indicate such changes on a set of blue-line prints. Records shall be made on a daily basis. All records shall be neat and subject to the approval of the Owner.

- 2. The Contractor shall also indicate on the record prints the location of all wire splices, original or due to repair, that are installed underground in a location other than the controller pedestal, remote control valve box, power source or connection to a valve-in-head sprinkler.

- 3. These drawings shall also serve as work progress sheets. The Contractor shall make neat and legible notations thereon daily as the work proceeds, showing the work as actually installed. These drawings shall be available at all times for review and shall be kept in a location designated by the Owner's Representative.

- 4. Progress payment request and record drawing information must be approved by Landscape Architect before payment is made.

- 5. If in the opinion of the Owner or his representative, the record drawing information is not being properly or promptly recorded, construction payment may be stopped until the proper information has been recorded and submitted.

- 6. Before the date of the final site observation and approval, the Contractor shall deliver one set (copies) of reproducible record drawing plans and notes to the Landscape Architect. Record drawing information shall be approved by the Landscape Architect prior to submittal to Owner for final payments, including retentions.

- D. Operations and Maintenance Manuals: The Contractor shall prepare and deliver to the Owner, or his designated representative within ten (10) calendar days prior to completion of construction, a hard cover binder with three rings containing the following information:

- 1. Index sheet stating the Contractor's address and business telephone number, list of equipment with name(2) and address(es) of local manufacturer's representative(s).

- 2. Catalog and parts sheets on every material and equipment installed under this Contract.

- 3. Complete operating and maintenance instruction on all major equipment. Include initial controller schedule and recommended schedule after establishment period.

- 4. Demonstrate to and provide the Owner's maintenance personnel with instructions for major equipment and show evidence in writing to the Owner, or his designated representative at the conclusion of the project that this service has been rendered.

1.05 EXPLANATION OF DRAWINGS

- A. Due to the scale of the drawings, it is not possible to indicate all offsets, fittings and sleeves which may be required. The Contractor shall carefully investigate the structural and finished conditions affecting all of the work and plan his work accordingly, furnishing such offsets, fittings and sleeves as may be required to meet such conditions.

- B. The drawings are generally diagrammatic and indicative of the work to be installed. The work shall be installed in such a manner as to avoid conflicts between irrigation systems, planting and architectural features. Deviations shall be brought to the Landscape Architects attention.

- C. All work called for a on the drawings by notes or details shall be furnished and installed whether or not specifically mentioned in the specifications.

- D. The Contractor shall not willfully install the irrigation system as shown on the drawings when it is obvious in the field that obstructions, grade differences or discrepancies in area dimensions exist that might not have been known in engineering. Such obstructions or differences should be brought to the attention of the Landscape Architect. In the event that notification is not performed, the Contractor shall assume full responsibility for any revision necessary.

- E. If, in the opinion of the Landscape Architect, the labor furnished by the Contractor is incompetent, unskilled, or unreliable, his equipment inadequate, improper or unsafe, or if the Contractor shall fail to continuously and diligently execute the construction, the Landscape Architect or Owner shall, in writing, instruct the Contractor to remove all such causes of noncompliance and the Contractor shall promptly comply.

- F. The Contractor shall be responsible for full and complete coverage of all irrigation areas. The Landscape Architect shall be notified of any necessary adjustments at no additional cost to the Owner. Any revisions to the irrigation system must be submitted and answered in written form, along with any change in Contract price. Layout may be modified, if necessary to obtain coverage. Spacing not to exceed 60% of the diameter.

PART II: PRODUCTS

2.01 MATERIALS

Material and equipment shall be supplied by the Contractor. No substitutions shall be allowed without the prior written approval of the Owner/Landscape Architect. The Contractor shall inspect all materials and equipment prior to installation, and defective materials shall be replaced with the proper materials and equipment. Those items used in the installation found to be defective, improperly installed or not as specified, shall be removed and the proper materials and equipment installed in the proper manner, as interpreted by the Owner/Landscape Architect. The Contractor shall remove all damaged and defective pipe and equipment from the site.

2.02 PIPING

- A. General Provisions: All materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

- B. Polyvinyl Chloride Pipe (PVC): (Where indicated on plan, use non-potable purple piping.)

- 1. Laterals: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220. All lateral piping less than 3" in diameter shall be Class 200 SDR-21.

- 2. Main Line Under Pressure: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220, Schedule 40 with belled end for solvent weld connection.

- 3. Pipe Markings: All PVC pipe shall bear the following markings:
o Manufacturer's Name
o Nominal Pipe Size
o Schedule or Class
o Pressure Rating of PSI
o NSF (National Sanitation Foundation) Approval
o Date of Extrusion

2.04 PVC JOINTS

Joints in PVC pipe smaller than 3" shall be solvent welded in accordance with the recommendations of the pipe manufacturer; the solvent cleaner and welding compound furnished with the pipe.

2.05 THREADED CONNECTIONS

- A. Threaded PVC connections shall be made up using Teflon tape only.

- B. Connection between mainline pipe fittings and automatic or manual control valves shall be made using Schedule 80 threaded fittings and nipples.

2.06 SOLVENT CEMENT

- A. General: Provide solvent cement and primer for PVC solvent weld pipe and fittings recommended by the manufacturer. Pipe joints for solvent weld pipe to be belled end. Pipe joints for gasketed pipe to be intricate ring type. Insert gaskets will not be accepted.

- B. Thrust Blocks: Main line piping 3" or greater in diameter shall have thrust blocks sized and placed in accordance with the pipe manufacturer's recommendations or, in the absence of specified recommendations by the pipe manufacturer. 3000 PSI concrete thrusts shall be properly installed at tees, elbows, 45's, crosses, reducers, plugs, caps and valves.

2.07 PIPE AND WIRE SLEEVES

- A. Sleeves to be installed:

- 1. The Contractor shall install irrigation system pipe and wire sleeves conforming to the following:

- a. All pipe sleeves shall extend a minimum of 36" beyond the edges of pavement.
b. All pipe sleeves to be installed beneath future/existing road surfaces shall be PVC pipe Schedule 40 or jack and bore steel pipe as per FDOT specifications, and as shown on plans.
c. All irrigation system wires shall be sleeved separately from main or lateral lines.
d. All pipe sleeves shall be installed at the minimum depth specified for main lines, lateral lines, and electric wire.
e. Contractor shall coordinate all pipe sleeve locations and depths prior to initiating installation of the irrigation system.

2.08 SPRINKLER HEADS

- A. Spray Sprinklers: The sprinkler shall be a fixed spray type designed for in-ground installation. The nozzle shall elevate 6" (or as designated on plan) when in operation. The body of the sprinkler shall be constructed of non-corrosive heavy duty Cyclocac. A filter screen shall be in the nozzle piston. All sprinkler parts shall be removable through the tip of the unit by removal of a threaded cap.

Riser mounted spray shall be as indicated on the plans. The sprinkler shall consist of a nozzle and body. The body of the riser-mount sprinkler shall be constructed of non-corrosive materials. A cone strainer shall be a separate part with the nozzle assembly to allow for easy flushing of the sprinkler. Maximum working pressure at the base of the sprinkler shall be 40 PSI.
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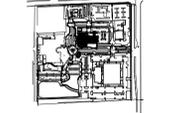


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TOWN OF JUPITER
210 MILITARY TRAIL
JUPITER, FL 33458

Key Plan:



Revisions:
1.
2.
3.
4.
5.

Date: 05/16/2024
S+A Project No.: 210024
Owner Project No.: LM
Drawn By: LM
Checked By: JAW

Phase:
100% CONSTRUCTION DOCUMENTS

Sheet Title:

IRRIGATION NOTES

Sheet #:

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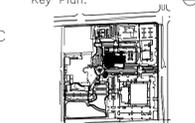
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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 MILITARY TRAIL  
JUPITER, FL 33458

Key Plan:



Revisions :

Date : 05/16/2024

S+A Project No. : 210024

Owner Project No. :

Drawn By : LM

Checked By : JAW

Phase :

100% CONSTRUCTION DOCUMENTS

Sheet Title :

IRRIGATION NOTES

Sheet # :

L-312

Plotted By: Bogentrieff, Alex. Sheet: Set: JUPITER TOWN HALL. Layout: L-312. IRRIGATION NOTES. May 16, 2024. 12:43:18pm. K:\\_BOD\_Civil\144418006 - Jupiter Town Hall\CADD\PlanSheets\L-312 IRRIGATION DETAILS.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

2.09 AUTOMATIC CONTROL VALVE

The automatic remote control valves shall be as specified on the plans, or approved equal.

2.10 GATE VALVES

- A. Gate valves for 3/4" through 2-1/2" shall be of brass or bronze construction, solid wedge, IPS threads, non-rising stem with wheel operating handle, for a continuous working pressure of 150 PSI.
B. Gate valves for 3" and larger: Iron body, brass or bronze mounted ANWA gate valves, with a clear waterway equal to the full nominal diameter of the valve, rubber gasket for a continuous working pressure of 150psi. Valve shall be equipped with a square operating nut.

2.11 VALVE BOXES

- A. For gate valves, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.
B. For control valves 3/4" through 2", the drip valve assemblies, use AMETEK #10-181-014 box with #10-181-015 locking lid, or sized as necessary to effectively house the equipment
C. For control wiring splices, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.

2.12 IRRIGATION WIRING

- A. Wiring used for connecting the electric control valves to the controllers shall be Type UF, 600 volt, single strand, solid copper with PVC insulation 4/64" thick. Size shall be 14 gauge, red for "hot" or lead wires, and common wire to be 14 gauge, white in color.
B. Contractor shall perform an ohm test on ground to assure adequate protection against surges and indirect lightning strikes.

2.13 MISCELLANEOUS MATERIALS

- A. Drainage Backfill: Cleaned gravel or crushed stone, graded from 1" maximum to 3/4" minimum.
B. Metalized Underground Tape: The detectable, underground utility marking tape shall consist of a minimum: 5 mil (0.005") overall thickness; five-ply composition; ultra-high molecular weight, 100% virgin polyethylene; acid, alkaline and corrosion resistant; with no less than 150 pounds of tensile break strength per 6" width; color-code impregnated with color stable, lead-free, organic pigments suitable for direct burial. Tapes utilizing reprocessed plastics or resins shall not be acceptable. The detectable, underground utility marking tape shall have a 35 gauge (0.0035") solid aluminum foil, core encapsulated within a 2.55 mil (0.00255") polyethylene backing and a 0.6 mil (0.006") PET cover coating. The laminate on each side shall consist of a 0.75 mil (0.00075") layer of hot LPDE, poly-fusing the "sandwich" without use of adhesives.

2.14 AUTOMATIC CONTROL SYSTEM

An Independent Station Controller: Furnish a solid state controller, as specified on the plans. Each station shall be capable of timing from zero (0) minute to 99 minutes per station in one (1) minute increments.

Each station shall be capable of operating two (2) 7VA electric valve-in-head solenoids.

The stand-alone controller shall have two (2) possible programs.

The stand-alone controller shall provide global percentage increase/decrease (water budget) for all stations simultaneously, from ten (10) to two hundred (200) percent, in ten (10) percent increments.

All stations shall be able to be turned on/off manually buy operating timing mechanism or by manual switch at station output.

The stand-alone controller shall incorporate an integral MOV surge protection into the terminal block for each of its 24 VAC field wire outputs. Controller power input wires will also incorporate surge protection.

The control panel shall provide continuous display time. It shall have alphanumeric displays of descriptive English menus and legend identifiers with cursor selection of function and precision value adjustment by rotary dial input.

The stand-alone controller shall be UL listed and FCC approved.

The stand-alone controller shall have 117 VAC, 60 Hz input, 26.5 VAC, 60 Hz output for operating 24 VAC solenoids.

The stand-alone controller cabinet shall be a lockable and weather-resistant outdoor cabinet. Mount as noted on plans.

The controller shall be equipped with lightning protection, by the Contractor, on both the primary (120v) and each secondary (24v) circuit. The controller circuits shall be grounded to a copper clad grounding rod located at each controller.

The controller shall be equipped for a water conservation device, as specified.

PART III: EXECUTION

3.01 INSPECTION

The Contractor shall examine the areas and conditions under which landscape irrigation system is to be installed and notify the Landscape Architect in writing of conditions detrimental to the proper and timely completion of the work. The Contractor shall proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Landscape Architect.

3.02 PREPARATION

The Contractor shall provide sleeves to accommodate piping under walks or paving. The Contractor shall coordinate with other trades and install to accurate levels prior to paving work. Cutting and patching of paving and concrete will not be permitted. The Contractor shall maintain all warning signs, shoring, barricades, flares and red lanterns, as required by any local codes, ordinances or permits.

3.03 TRENCHING AND BACKFILLING

A. Excavation: The Contractor shall stake out the location of each run of pipe, sprinkler heads, sprinkler valves and isolation valves prior to trenching. Excavation shall be open vertical construction sufficiently wide to provide free working space around the work installed and to provide ample space or backfilling and tamping. Trenches for pipe shall be cut to required grade lines, and compacted to provide accurate grade and uniform bearing for the full length of the line. The bottom of the trenches shall be free of rock or other sharp edged objects. Minimum cover shall be as follows:

Table with 2 columns: Pipe and Wire Depth, and corresponding measurements for Pressure Mainline, Lateral Piping (rotor), Lateral Piping (pop-up), and Control Wiring.

B. Minimum Clearances: All pipelines shall have a minimum clearance of six inches from each other and from lines of other crafts. Parallel lines shall not be installed directly over one another. No lateral line shall be installed in the main-line trench.

3.04 INSTALLATION OF PIPING

A. PVC Pipe and Joints: The Contractor shall not install solvent wild pipe when air temperature is below 40a F. Installation shall be in accordance with the manufacturer's instructions.

1. Only the solvent recommended by the pipe manufacturer shall be used. All PVC pipe and fittings shall be installed as outlined and instructed by the pipe manufacturer, and it shall be the Contractor's full responsibility to make arrangements with the pipe manufacturer for any field assistance that may be necessary. The Contractor shall assume full responsibility for the correct installation.

3.05 BACKFILLING PROCEDURES

Initial backfill on PVC lines shall be pulverized native soil, free of foreign matter. Within radius of 4" of the pipe shall be clean soil or sand. Plant locations shall take precedence over sprinkler and pipe locations. The Contractor shall coordinate the location of trees and shrubs with the routing of lines and final head locations.

A. Backfill and Compaction: The Contractor shall leave trenches slightly mounded to allow for settlement after the backfilling is completed. The Contractor shall clean the site of the work continuously of excess waste materials as the backfilling progresses, and leave in a neat condition. No trenches shall be left open for a period of more than 48 hours. Protect open trenches as required.

The Contractor shall carefully backfill excavated materials approved for backfilling, consisting of earth, loam, sand, and other approved materials, free of rock and debris over 1" in size. Backfill shall be compacted to original density of surrounding soil without dips, sunken areas, or irregularities.

The Contractor shall conform to DOT requirements for methods and required compaction percentages, for roads and paving.

The Contractor shall hand place the first 6" of backfill (or to top of pipe) and have it walked on so as to secure the position of the pipe and wire.

No wheel rolling will be allowed. The Contractor shall remove rock or debris extracted from backfill materials and dispose of offsite. The Contractor shall fill any voids left in backfill with approved backfill materials.

B. Existing Lawns: Where trenching is required across existing lawns, uniformly cut strips of sod 6" wider than trench. The Contractor shall remove sod in rolls of suitable size for handling and keep moistened until replanted. The Contractor shall replant sod within 48 hours after removal, roll and water generously. The Contractor shall reseed any areas not in healthy condition equal to adjoining lawns 10 days after replanting.

C. Seeded Area: Trenching will be required across existing seeded areas, primarily roadway edging. The Contractor shall conform to the requirements of seeding, Section 02930 for the reseeding of the disturbed trench area.

D. Pavements: Jack and bore or directional bore piping under paving materials as per local regulatory codes. No cutting and patching of pavement will be permitted.

3.06 VALVES

A. Isolation Valves: Shall be sized corresponding to adjacent pipe size. Specified valve boxes shall be installed flush with finish grade in such a manner that surface forces applied to their exposed area will not be transmitted to the piping in which the valve is installed nor any other piping, wiring or other lines in the vicinity of said valves.

B. Gate Valves: Install where shown, in valve boxes.

C. Electric Control Valves: Shall be installed in specified valve boxes. The valve shall have 6" of 3/4" pea gravel installed below the bottom of the valve. If the valve box does not extend to the base of the valve, a valve box extension shall be installed. Electric control valves shall be installed where shown and grouped together where practical. The Contractor shall place no closer than 24" to walk edges, bikeway edges, buildings and walls. The Contractor shall adjust the valve to provide flow rate or rated operating pressure required for each sprinkler circuit.

3.07 CONDUIT AND SLEEVES

A. Conduit and Sleeves for Control Wiring and Main/Lateral Pipe: The Contractor shall provide and install where necessary. Contractor shall coordinate locations of previously installed sleeving with the General Site Contractor.

The Contractor shall coordinate installation of sleeves with work of other disciplines.

3.08 CONTROLS

A. The Contractor shall connect electric control valves to controllers in a clockwise sequence to correspond with station settings beginning with Stations 1, 2, 3, etc. Automatic controllers shall be provided and installed by the Contractor as noted on the drawings. All zones will be labeled on the controller.

B. Controllers shall be equipped with lightning protection and grounded to a standard 5/8" copper clad steel ground rod driven a minimum of 8' into the ground and clamped.

C. The electrical service to the controllers shall be performed by an electrical subcontractor in compliance with NEC requirements.

3.09 CONTROL WIRE

A. Control wiring between the controller and electric valves shall be buried in main line trenches or in separate trenches. Electrical connection at valve will allow for pigtail so solenoid can be removed from valve with sufficient slack to allow ends to be pulled 12" above ground for examination and cleaning.

B. An expansion loop shall be provided at every valve at 100' o.c. Expansion loop shall be formed by wrapping wire at least eight times around a 3/4" pipe and withdrawing pipe.

C. The wire shall be bundled and taped every ten feet. The wire shall be laid in the trench prior to installing the pipe being careful to install wire beneath and 6" to the side of the main pipe line.

D. Electrical connections to electric control valves shall be made with Rainbird Pen-Tite or Techdel GT-3-GEL - Tite connectors or equal.

Power Connections: Electrical connections to power and signal wires shall be made using 3M 82-A2 power cable splice kits.

3.10 SPRINKLER HEADS

A. General Provisions:

1. Sprinkler heads shall be installed as designated on the shop drawings. Heads shall be installed on flexible PVC. Top to be flush with finish grade or top of curb.

2. Spacing of heads shall not exceed the maximum indicated on the shop drawings (unless directed by the Landscape Architect). In no case shall the spacing exceed the maximum recommended by the manufacturer.

B. Head Types:

1. Pop-up- Rotary Sprinkler Heads: Shall be installed on flex joint and be set with top of head flush with finish grade. Heads installed at curb shall have 6" to 10" between perimeter of head and concrete. Heads placed at edge of pavement having no curb shall be installed 24" from edge of pavement.

2. Spray Pop-up Sprinkler Heads: Shall be installed on flexible PVC and be set with top of head flush with finished grade. Sprinkler heads placed adjacent to curbs will be installed 9" from concrete. Sprinkler heads placed adjacent to pavement having no curb shall be installed 24" from the edge of pavement.

3.11 COMPLETION

A. Flushing: Before sprinkler heads are set, the Contractor shall flush the lines thoroughly to make sure there is no foreign matter in the lines.

The Contractor shall flush the main lines from dead end fittings for a minimum of five minutes under a full head of pressure.

B. Testing: The Contractor shall notify Landscape Architect and Owner forty-eight (48) hours in advance of testing.

Prior to backfilling of main line fittings, Contractor shall fill the main line piping with water, in the presence of the Owner/Landscape Architect, taking care to purge the air from it by operating all the sprinkler control valves one or more times and/or such other means as may be necessary. A small, high pressure pump or other means of maintaining a continuous water supply shall be connected to the main line and set so as to maintain 100 PSI in the main line system for two (2) hours without interruption. When this has been accomplished and while the pressure in the system is still 100 PSI, leakage testing shall be performed in accordance with ANWA Standard C-600. Pressure readings shall be noted and make up water usage shall be recorded. Should the rate of make up water usage indicate significant leakage, the source of such leakage shall be found and corrected and the system then retested until the Owner/Landscape Architect is satisfied that the system is reasonably sound. Lateral line testing shall be conducted during the operating testing of the system by checking visually the ground surface until no leaks in this portion of the system are evident. Leaks shall be repaired or paid for by the Contractor at any time they appear during the warranty period.

C. Adjustment and Coverage of System: Coordinate pressure testing with adjustments and coverage test of system so both may occur at the same time. The Contractor shall balance and adjust the various components of the system so that the overall operation of the system is most efficient. This includes a synchronization of the controllers, adjustments to pressure regulators, pressure relief valves, part circle sprinkler heads, and individual station adjustments on the controllers.

3.12 WARRANTY

A. The Contractor shall fully warrant the landscape irrigation system for a period of one (1) year after the written final acceptance and will receive a written confirmation from the Landscape Architect that the warranty period is in effect.

B. During the warranty period, the Contractor will enforce all manufacturer's and supplier's warranties as if made by the Contractor himself. Any malfunctions, deficiencies, breaks, damages, disrepair, or other disorder due to materials, workmanship, or installation by the Contractor and his suppliers shall be immediately and properly corrected to the proper order as directed by the Owner and/or Landscape Architect.

C. Any damages caused by system malfunction shall be the responsibility of the Contractor who shall make full and immediate restoration for said damages.



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06-01-2022

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Consultants:

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JUPITER TOWN HALL - PHASE 2



TOWN OF JUPITER  
210 Military Trail,  
Jupiter, FL 33458

Key Plan:

REVISION	DATE

Date: 05/16/2024

S+A Project No.: 21004

Owner Project No.:

Drawn By: WS

Checked By: RC

Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:

DEMOLITION SITE PLAN

Sheet #:

D-101

EXISTING POLICE  
2-STORY

EXISTING  
COMMUNITY  
CENTER  
2-STORY

NEW TOWN HALL  
2-STORY  
PHASE 1

EXISTING TOWN  
HALL  
2-STORY

EXISTING TOWN  
HALL  
1-STORY

MILITARY TRAIL

EXISTING CELLULAR  
TOWER TO REMAIN

MAINTAIN ACCESS  
THROUGHOUT CONSTRUCTION

EXISTING DUMPSTER TO REMAIN

EXISTING ELEC VEHICLE  
CHARGERS TO BE RELOCATED

EXISTING EQUIPMENT AND  
FENCING TO BE  
COMPLETELY REMOVED

EXISTING CONC  
SIDEWALK/LANDING  
LEADING TO BUILDING  
TO BE REMOVED

EXISTING BUILDING TO BE DEMOLISHED PHASE 2

EXISTING CONC  
SIDEWALK/LANDING  
LEADING TO BUILDING  
TO BE REMOVED

EXISTING CONC  
SIDEWALK/LANDING  
LEADING TO BUILDING  
TO BE REMOVED

EXISTING CONC  
SIDEWALK/LANDING  
LEADING TO BUILDING  
TO BE REMOVED

PROTECT AND PRESERVE  
EXISTING TREES AROUND  
EXISTING STRUCTURE TO  
BE REMOVED (TYP)

EXISTING CONC  
SIDEWALK/LANDING  
LEADING TO BUILDING  
TO BE REMOVED

COMPLETELY REMOVE ALL  
EXISTING SCREEN WALLS  
ASSOCIATED WITH PREVIOUS  
TOWN HALL BUILDING

EXISTING BUILDING TO BE DEMOLISHED  
PHASE 2

PHASE 1 ADDED SIDEWALK  
TO REMAIN. REMOVE ONLY  
PORTIONS AS NECESSARY  
FOR NEW WORK

TREE TO REMAIN. CURB  
& SIDEWALK TO BE  
REMOVED/MODIFIED

EXISTING SIDEWALK TO BE  
REMOVED AS NEEDED  
FOR NEW ACCESS DRIVE

REMOVE EXISTING  
FENCING AND GATE (TYP)

\* REMOVE ALL EXISTING CONCRETE FOOTINGS AND ALL DEBRIS TO A MINIMUM OF 2- FEET BELOW FINISHED GRADE.  
\* REMOVE ALL CONCRETE AND DELETERIOUS AND MANMADE MATERIALS.  
\* FILL EXCAVATIONS, OPEN PITS, AND HOLES USING SPECIFIED FILL.

EXIST. LANDSCAPE/HARDSCAPE TO BE REMOVED TO PREPARE FOR GREEN SPACE

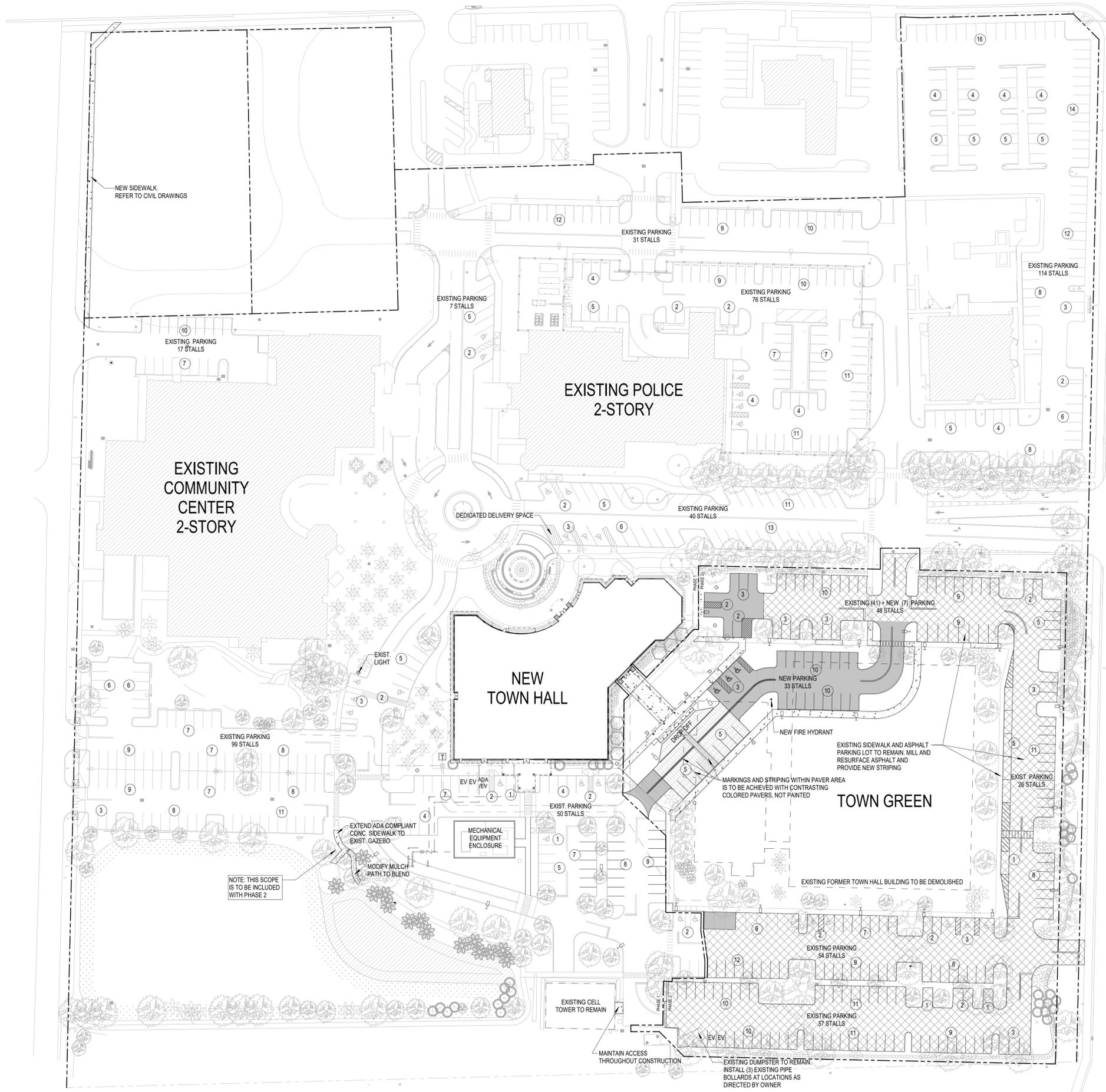
PROTECT AND PRESERVE  
EXISTING TREES AROUND  
BUILDING (TYP)

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SITE PLAN-DEMOLITION

1

SCALE: 1" = 30'-0"



**SITE DATA**

NAME OF PROJECT:	TOWN OF JUPITER NEW TOWN HALL	
PROJECT NUMBER:	21004	
PROPOSED USE(S):	PUBLIC/INSTITUTIONAL	
FUTURE LAND USE DESIGNATION:	PUBLIC/INSTITUTIONAL	
ZONING DISTRICT:	P1 - PUBLIC, INDIAN ROAD OVERLAY - CIVIC AND PARK WAY	
SECTION/TOWNSHIP/RANGE:	0141S/42E	
PROPERTY CONTROL NUMBER:	30-42-41-01-00-000-7210	
PROPERTY AREA (PROJECT BOUNDARY):	981,557 SQ. FT.	
LEGAL DESCRIPTION:	1-41-42, NLY 1117 FT OF NE 1/4 OF SW 1/4 LYG BET SR 809 & DANIELS WAY & S OF & ADJ TO SR 706 R/SW (LESS NLY 290 FT OF WLY 314.57 FT, NLY 150.18 FT OF ELY 199.4 FT OF WLY 513.97 FT, N 140 FT OF E 88 FT OF WLY 611.97 FT, N 190 FT OF E 223 FT OF WLY 834.97 FT, NLY 409.37 FT OF ELY 180.01 FT OF 1014.98 FT)	
FOOTPRINT (FP) AND GROSS SQUARE FEET (GSF) PER BUILDING:		
EXISTING COMMUNITY CENTER	55,684 FP	66,405 GSF
EXISTING POLICE HEADQUARTERS	23,482 FP	38,560 GSF
EXISTING NEIGHBORHOOD RESOURCE CENTER	7,006 FP	14,012 GSF
NEW TOWN HALL	27,790 FP	42,335 GSF
TOTAL	113,962 FP	161,312 GSF
FLOOR AREA RATIO (FAR)	PROPOSED: 161,312/981,557 GSF = 0.16	
BUILDING COVERAGE (40% MAXIMUM)	PROPOSED: 113,962/981,557 GSF = 11.6%	
GREEN SPACE (30% MINIMUM)	PROPOSED: 316,587/981,557 GSF = 32.3%	

**PARKING CALCULATIONS**

PROJECT PARKING CALCULATION:	609 TOTAL STALLS
REQUIRED PARKING:	609 TOTAL STALLS
ACCESSIBLE STALLS REQUIRED (2% OF TOTAL):	13 STALLS
STANDARD PARKING STALLS PROVIDED:	606 STALLS
ACCESSIBLE SPACES PROVIDED:	35 STALLS
TOTAL PARKING (END OF CONSTRUCTION)	641 STALLS

**PAVING HATCH LEGEND**

	NEW PAVEMENT
	EXIST. PAVEMENT TO BE MILLED AND RESURFACED
	CONCRETE PAVERS. SEE DETAIL 6/A-150
	NEW CONCRETE SIDEWALK



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**JUPITER TOWN HALL - PHASE 2**



TOWN OF JUPITER  
210 Military Trail,  
Jupiter, FL 33458

Key Plan:

REVISION	DATE

Date: 05/16/2024  
S+A Project No.: 21004  
Owner Project No.:  
Drawn By: PD  
Checked By: RC

Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:  
**OVERALL SITE PLAN**

Sheet #:





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TOWN OF JUPITER  
210 Military Trail,  
Jupiter, FL 33458

Key Plan:

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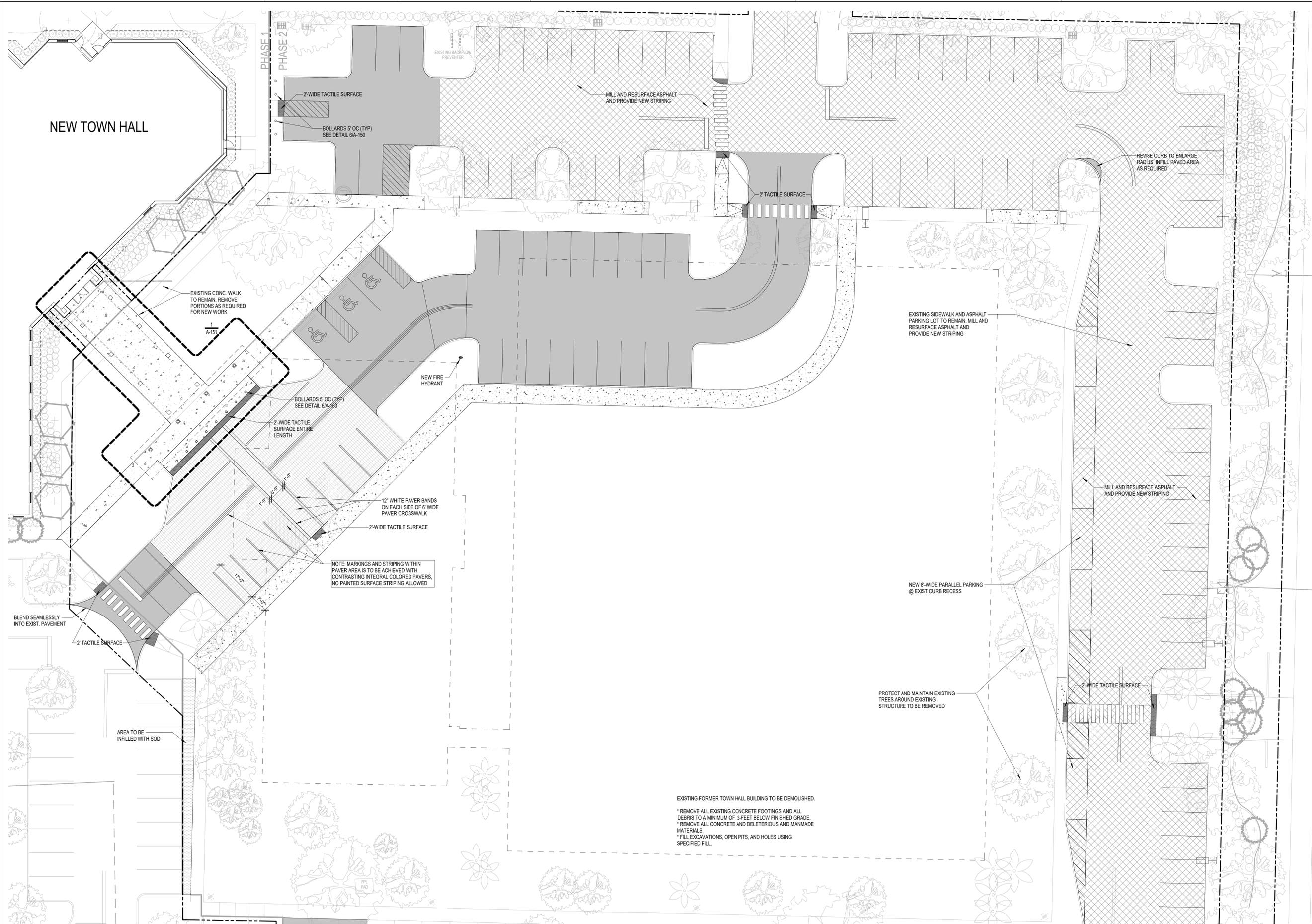
Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:

## ENLARGED SITE PLAN

Sheet #:

# A-102



NEW TOWN HALL

PHASE 1  
PHASE 2

2-WIDE TACTILE SURFACE  
BOLLARDS 9' OC (TYP)  
SEE DETAIL 6/A-150

MILL AND RESURFACE ASPHALT  
AND PROVIDE NEW STRIPING

2' TACTILE SURFACE

REVISE CURB TO ENLARGE  
RADIUS IN FILL PAVED AREA  
AS REQUIRED

EXISTING CONC. WALK  
TO REMAIN. REMOVE  
PORTIONS AS REQUIRED  
FOR NEW WORK

A-151

BOLLARDS 9' OC (TYP)  
SEE DETAIL 6/A-150

2-WIDE TACTILE SURFACE  
ENTIRE LENGTH

NEW FIRE  
HYDRANT

EXISTING SIDEWALK AND ASPHALT  
PARKING LOT TO REMAIN. MILL AND  
RESURFACE ASPHALT AND  
PROVIDE NEW STRIPING

12" WHITE PAVER BANDS  
ON EACH SIDE OF 6' WIDE  
PAVER CROSSWALK

2-WIDE TACTILE SURFACE

NOTE: MARKINGS AND STRIPING WITHIN  
PAVER AREA IS TO BE ACHIEVED WITH  
CONTRASTING INTEGRAL COLORED PAVERS,  
NO PAINTED SURFACE STRIPING ALLOWED

BLEND SEAMLESSLY  
INTO EXIST. PAVEMENT

2' TACTILE SURFACE

AREA TO BE  
INFILLED WITH SOD

NEW 8-WIDE PARALLEL PARKING  
@ EXIST CURB RECESS

PROTECT AND MAINTAIN EXISTING  
TREES AROUND EXISTING  
STRUCTURE TO BE REMOVED

2-WIDE TACTILE SURFACE

EXISTING FORMER TOWN HALL BUILDING TO BE DEMOLISHED.  
\* REMOVE ALL EXISTING CONCRETE FOOTINGS AND ALL  
DEBRIS TO A MINIMUM OF 2 FEET BELOW FINISHED GRADE.  
\* REMOVE ALL CONCRETE AND DELETERIOUS AND MANMADE  
MATERIALS.  
\* FILL EXCAVATIONS, OPEN PITS, AND HOLES USING  
SPECIFIED FILL.

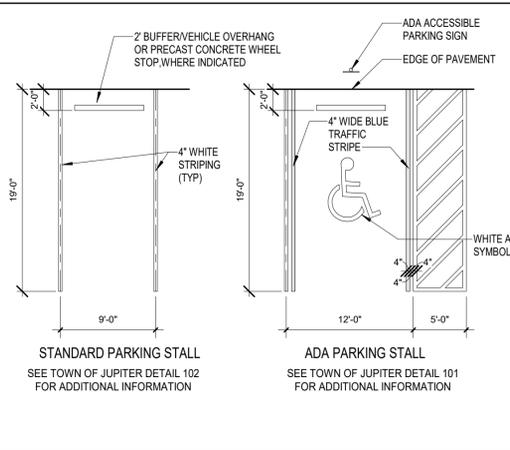
ENLARGED SITE PLAN

1

SCALE: 1/16" = 1'-0"



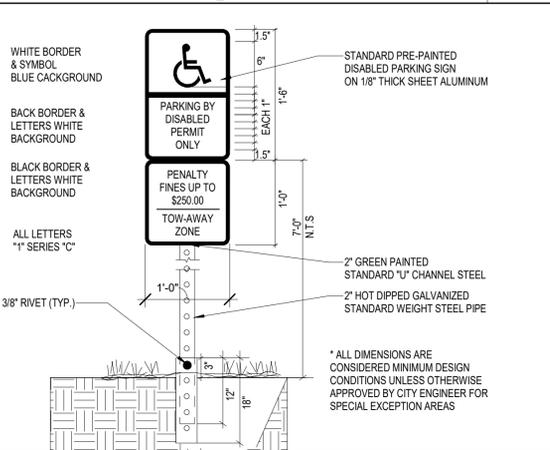
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**PARKING STALL**

**1**

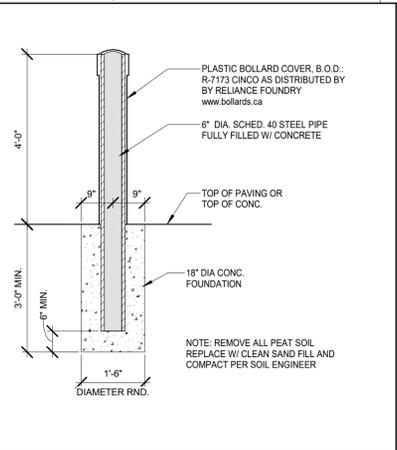
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**ADA PARKING SIGNAGE**

**2**

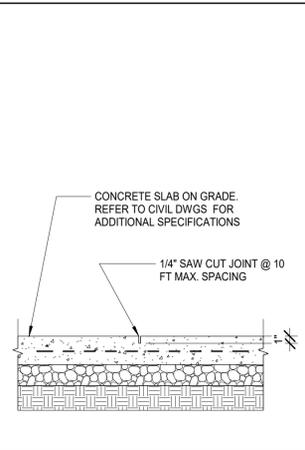
SCALE: 1" = 1'-0"



**BOLLARD SECTION**

**3**

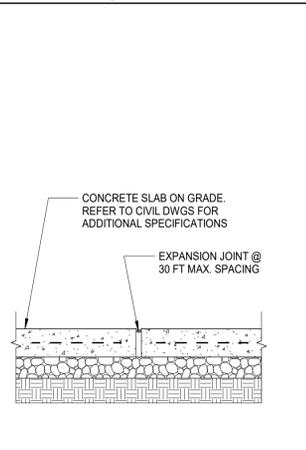
SCALE: 1/2" = 1'-0"



**SAWCUT JOINT**

**4**

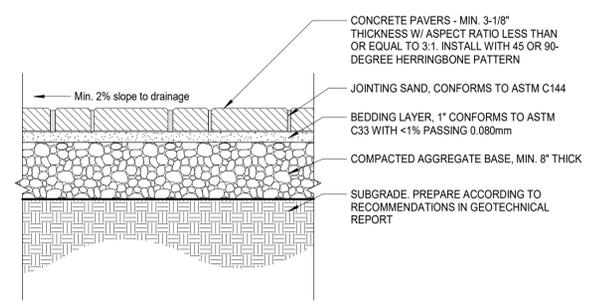
SCALE: 1" = 1'-0"



**EXPANSION JOINT**

**5**

SCALE: 1" = 1'-0"

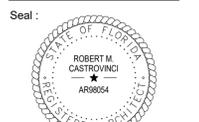


**VEHICULAR PAVER DETAIL**

**6**

SCALE: 1" = 1'-0"

NOTE: PAVER BASIS OF DESIGN IS TO BE OLDCASTLE/BELGARD 4"x8"x3-1/8" "HOLLAND". (3) COLOR PALLETS TO BE SELECTED FROM MANUFACTURER STANDARD OPTIONS.



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**JUPITER TOWN HALL - PHASE 2**



TOWN OF JUPITER  
210 Military Trail,  
Jupiter, FL 33458

Key Plan:

REVISION	DATE

Date: 05/16/2024  
S+A Project No: 21004  
Owner Project No:  
Drawn By: WS  
Checked By: RC PD

Phase:  
100% CONSTRUCTION DOCUMENTS

Sheet Title:  
**SITE PLAN DETAILS**

Sheet #:  
**A-150**



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TOWN OF JUPITER  
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Date: 05/16/2024

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Drawn By: WS,DL

Checked By: RC,PD

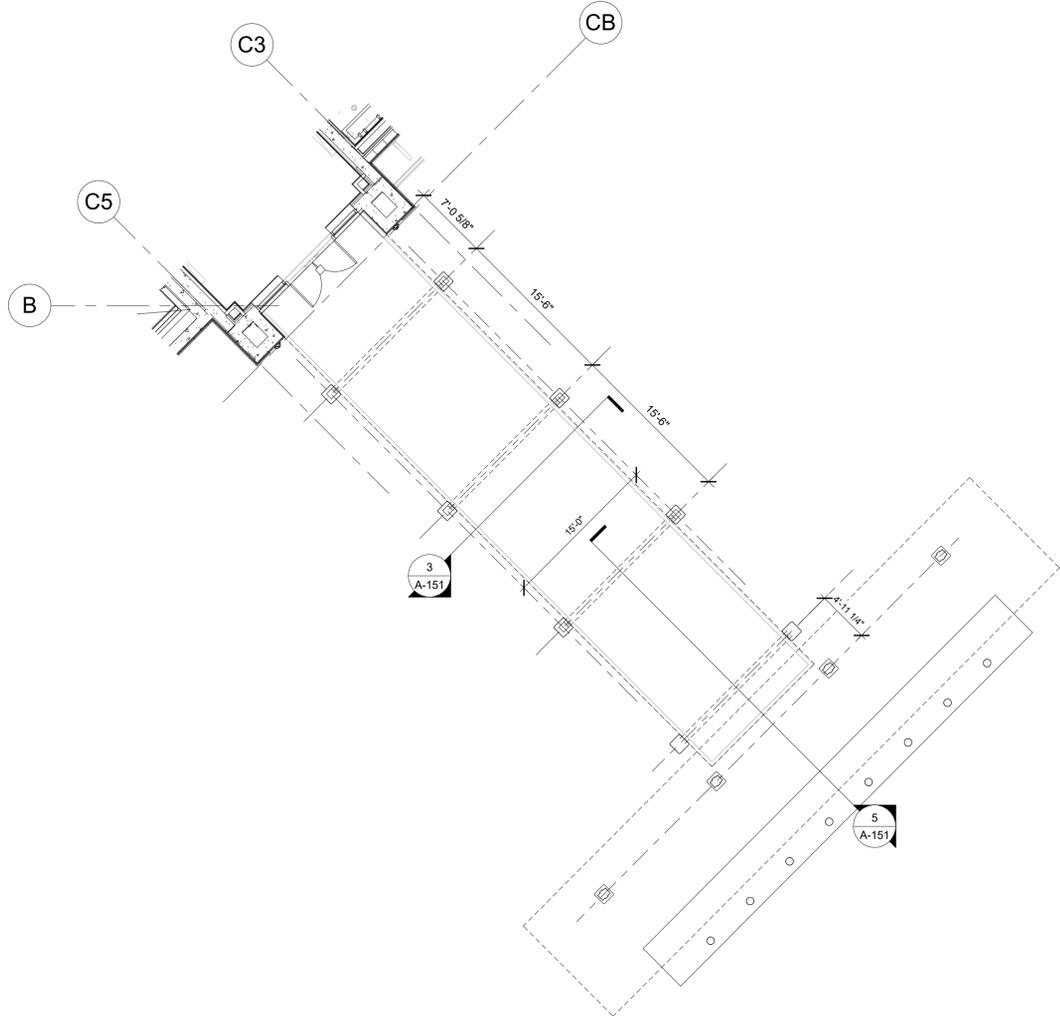
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Sheet Title:

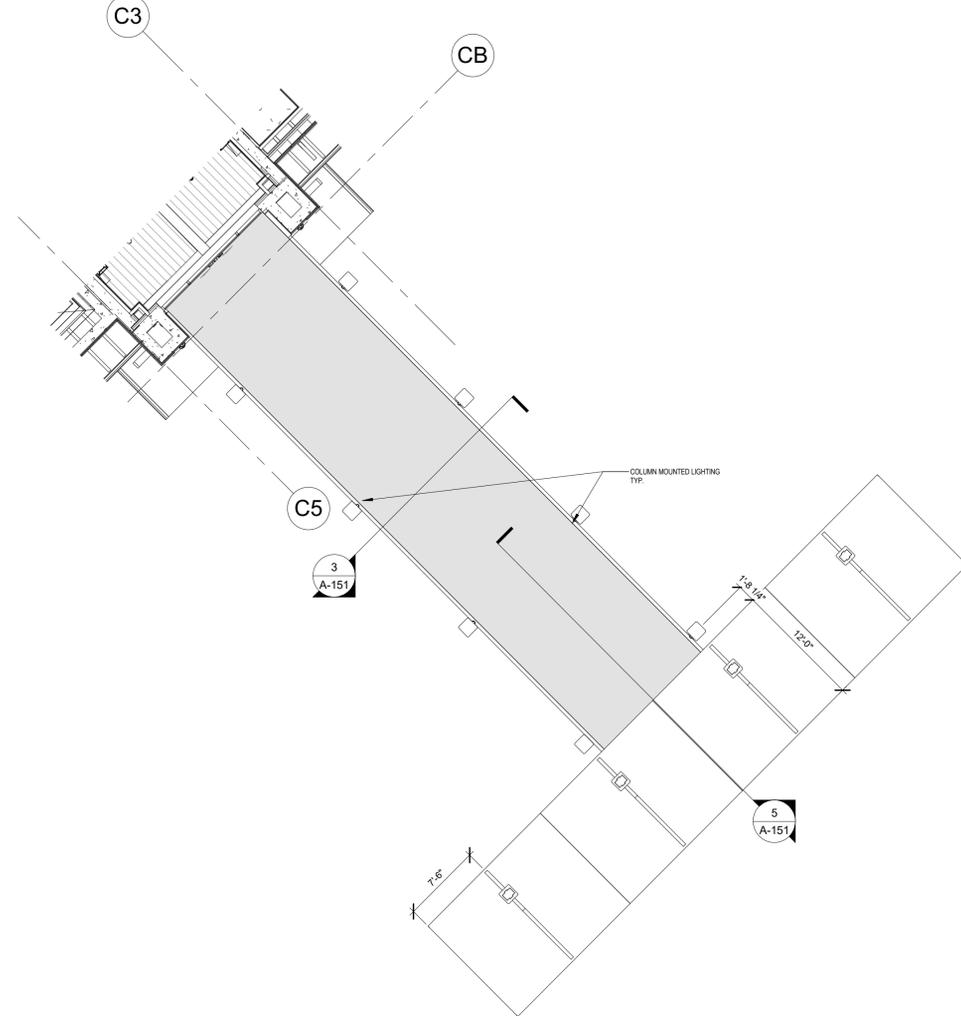
### SITE DETAILS-CANOPY

Sheet #: A-151

# A-151



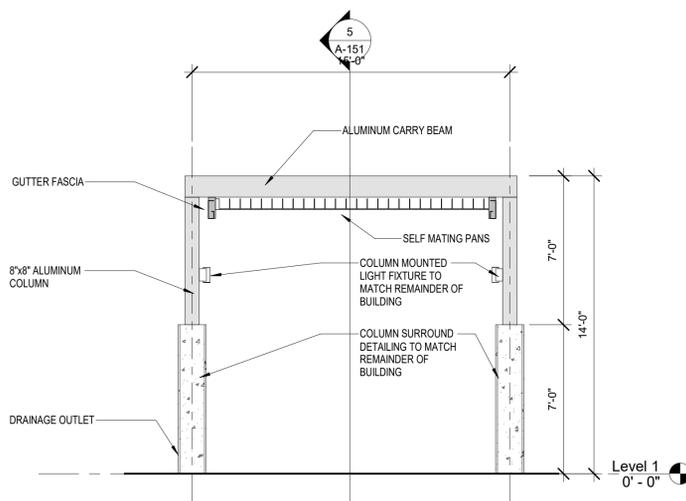
1 ENLARGED CANOPY PLAN 1  
1/8" = 1'-0"



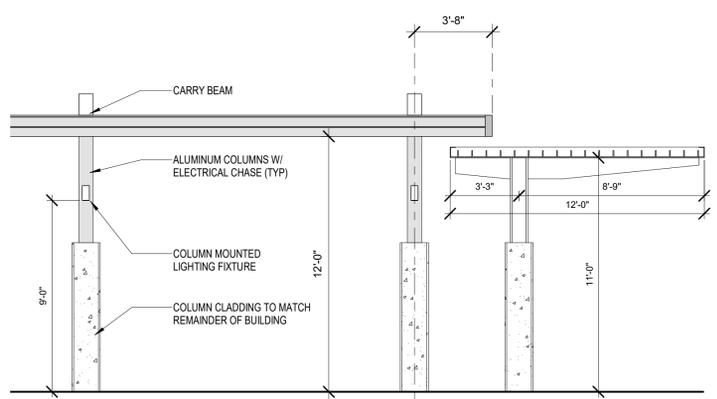
2 CANOPY REFLECTED CEILING PLAN  
1/8" = 1'-0"

**CANOPY NOTES:**

- CANOPY STRUCTURAL DESIGN IS TO BE PROVIDED BY CONTRACTOR AND IS TO INCLUDE DETAILED DRAWINGS AND CALCULATIONS SIGNED AND STAMPED BY A FLORIDA LICENSED ENGINEER PER CURRENT APPLICABLE CODES.
  - WIND SPEED: 180 MPH
  - RISK CATEGORY: III EXP. 3
  - LIVE LOAD: 20 PSF
  - DEAD LOAD: 20 PSF
- PRIOR TO COMMENCEMENT OF FABRICATION, SUBMIT DETAILED SHOP DRAWINGS SHOWING, PROFILES, SECTIONS OF COMPONENTS, FINISHES, AND FASTENING DETAILS ALONG WITH SIGNED AND STAMPED COMPREHENSIVE STRUCTURAL ANALYSIS OF DESIGN.
- CONTRACTOR IS TO PROVIDE 2-YEAR WARRANTY FOR CORRECTIVE WORK AND 1-YEAR WARRANTY FOR FACTORY FINISH AFTER SUBSTANTIAL COMPLETION.
- MATERIALS TO COMPLY WITH SPECIFICATIONS FOR ALUMINUM STRUCTURES (SAS), ASTM, ACl.
  - ALUMINUM: 6063-T6
  - FASTENERS: TYPE 304 STAINLESS STEEL
- FINAL CANOPY COLUMN LOCATIONS ARE TO BE COORDINATED WITH EXISTING UNDERGROUND UTILITIES.
- REINFORCED CONCRETE CANOPY COLUMN FOOTINGS AND ANCHORING ARE TO BE INCLUDED IN DESIGN AND PROJECT SCOPE.
- PROVIDE STORMWATER DRAINAGE THROUGH COLUMNS AND TIED INTO STORMWATER SYSTEM UNDERGROUND.
- MAXIMUM VARIATION FROM LEVEL: PLUS/MINUS 1/8-INCH.
- SHOP DRAWINGS FOR PREVIOUSLY INSTALLED CANOPIES ARE AVAILABLE UPON REQUEST.



3 CANOPY SECTION 1  
1/4" = 1'-0"



5 CANOPY SECTION 3  
1/4" = 1'-0"



