CONSTRUCTION DOCUMENTS

For the construction of the

PATRICIA & ASHBY STORMWATER IMPROVEMENTS PHASE 1





Prepared for the CITY OF KEY WEST KEY WEST, FLORIDA

VOLUME 2 OF 2 DRAWINGS

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Project No. D3154102 KEY WEST BID # XX-XXX JANUARY 2020 KEY WEST PROJ No. SE38031901

GENERAL SITE NOTES:

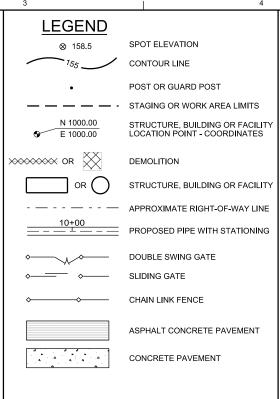
- SOURCE OF TOPOGRAPHY SHOWN ON THE CIVIL PLANS ARE BASE MAPS PROVIDED BY AVIROM & ASSOCIATES, INC, MAY 2019. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION
- EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
- HORIZONTAL DATUM: 2011 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83/2011, EPOCH 2010.00), OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (TRANVERSE MERCATOR PROJECTION), EAST ZONE
- VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988), BENCHMARKS ESTABLISHED WERE DERIVED FROM A CLOSED LOOP BENCH RUN ORIGINATING ON NGS BENCHMARK "D121" (PID AA0020), ELEVATION 2.57 FEET (NAVD 1988)
- ALL UNITS ARE IN US SURVEY FEET.
- MAINTAIN, RELOCATE, OR REPLACE EXISTING SURVEY MONUMENTS, CONTROL POINTS, AND STAKES WHICH ARE DISTURBED OR DESTROYED. PERFORM THE WORK TO PRODUCE THE SAME LEVEL OF ACCURACY AS THE ORIGINAL MONUMENT(S) IN A TIMELY MANNER, AND AT THE CONTRACTOR'S EXPENSE.
- STAGING AREA SHALL BE FOR CONTRACTOR'S EMPLOYEE PARKING, CONTRACTOR'S TRAILERS AND ON-SITE STORAGE OF
- ELEVATIONS GIVEN ARE TO FINISH GRADE AND PIPE INVERT UNLESS OTHERWISE SHOWN.
- ALL DISTURBED AREAS NOT RECEIVING A HARD SURFACE SHALL BE COVERED WITH GRASS, SEE SPECIFICATION 32 92 00.
- 10. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION. EROSION CONTROL DEVICES SHOWN ARE THE MINIMUM REQUIRED.
- 11. CONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE EROSION MATERIALS FROM LEAVING THE SITE.
- 12. LIMIT CONSTRUCTION OPERATIONS TO WITHIN THE RIGHT-OF-WAY EASEMENTS AND ANY OTHER DESIGNATED WORK AREAS AS INDICATED. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGES AS A RESULT OF CONSTRUCTION ACTIVITIES. OUTSIDE OF RIGHT-OF-WAY. EASEMENTS AND ANY OTHER DESIGNATED WORK AREAS SHOWN ON THE DRAWINGS
- 13. CONTRACTOR SHALL COORDINATE ANY CLOSING OF DRIVEWAYS WITH THE PROPERTY OWNERS
- 14. CONTRACTOR SHALL REPLACE IN-KIND ALL SIDEWALKS, DRIVEWAYS, CURBING, MAILBOXES, PAVEMENTS, PAVEMENT MARKINGS SIGNS, AND REFLECTIVE MARKERS DISTURBED OR REMOVED DURING CONSTRUCTION.
- 15. TREE AND SHRUB REMOVAL AND/OR TRIMMING MUST BE COMPLETED BY A CITY APPROVED ISA CERTIFIED ARBORIST
- 16. CONTRACTOR SHALL DESIGN AND MAINTAIN ALL MAINTENANCE OF TRAFFIC PLANS AND OBTAIN ANY NECESSARY PERMITS FOR

GENERAL PIPING AND UTILITIES NOTES:

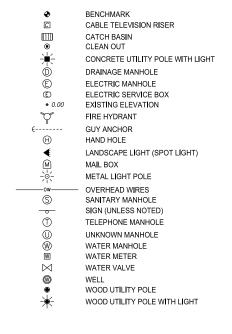
- 1. EXISTING UNDERGROUND UTILITIES OBTAINED FROM AS-BUILTS AND FROM FIELD SURVEY AND HAS NOT BEEN FIELD VERIFIED FOR ACCURACY, CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION, PROTECT ALL
- 2. EXISTING PIPING AND EQUIPMENT ARE SHOWN SCREENED, LIGHT-LINED, OR NOTED AS EXISTING. NEW PIPING AND EQUIPMENT ARE SHOWN BOLD AND/OR HEAVY-LINED
- 3. UNLESS OTHERWISE SHOWN ALL PIPING SHALL HAVE A MINIMUM OF 36" COVER.
- 4. ALL PIPES SHALL HAVE A CONSTANT SLOPE BETWEEN INVERT ELEVATIONS UNLESS A FITTING IS SHOWN.
- 5. FOR TRENCHING AND BACKFILL, SEE (3123-110)
- 6. FOR SURFACE RESTORATION OF ASPHALT CONCRETE, SEE (3123-115), FOR GRASS, SEE SPECIFICATION 32 92 00.
- 7. MINIMUM ALLOWABLE CLEARANCE BETWEEN PIPES AT CROSSINGS SHALL BE 12", UNLESS OTHERWISE SHOWN.
- 8. PIPELINE STATIONING AND LENGTHS OF PIPE INDICATED ARE BASED ON HORIZONTAL PROJECTION OF THE PIPE CENTERLINE.
- 9. VERIFY THE ACTUAL LOCATION, ELEVATION AND CONDITION OF POINTS OF CONNECTION TO EXISTING FACILITIES AND PROVIDE NOTICE OF ANY DISCREPANCIES

ABBREVIATIONS

@	AT	MIN	MINIMUM	T, TEL	TELEPHONE
ČLDI	CEMENT LINED	MJ	MECHANICAL JOINT	TYP	TYPICAL
	DUCTILE IRON	N	NORTH	VERT	VERTICAL
CONC	CONCRETE	NO	NUMBER	W	WATER, WEST
CPE	CORRUGATED	NTS	NOT TO SCALE	W/	WITH
	POLYETHYLENE	OC	ON CENTER	WT	WEIGHT
DBI	DITCH BOTTOM INLET	OD	OUTSIDE DIAMETER		
DIA	DIAMETER	PL	PROPERTY LINE		
DR	DRIVE OR	PP	POWER POLE		
	DIMENSION RATIO	PVC	POLYVINYLCHLORIDE		
DFM	DRAINAGE	RCP	REINFORCED		
	FORCE MAIN		CONCRETE PIPE		
E	EAST	RD	ROAD		
ECC	ECCENTRIC	REQD	REQUIRED		
EL	ELEVATION	RJ	RESTRAINED JOINT		
EX OR EXST	EXISTING	RT	RIGHT		
EW	EACH WAY	R/W	RIGHT OF WAY		
HDPE	HIGH DENSITY	S	SOUTH		
	POLYETHYLENE	SD	STORM DRAIN		
HORIZ	HORIZONTAL	SDR	STANDARD		
INV	INVERT		DIMENSION RATIO		
IP	IRON POST	SPECD	SPECIFIED		
LT	LEFT	SS	SANITARY SEWER		
MAX	MAXIMUM	SST	STAINLESS STEEL		
MH	MANHOLE	STA	STATION		



SURVEY LEGEND



TREE LEGEND



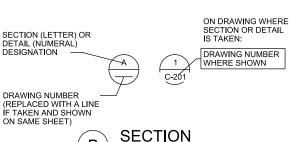
Ficus Palm

(?) Unknown Species

SECTION / DETAIL DESIGNATIONS

NAVA

STATION

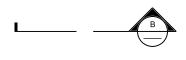


В ON DRAWING WHERE SECTION DRAWING NUMBER(S) WHERE TAKEN

DETAIL SCALE ON DRAWING WHERE DETAIL IS SHOWN: C-201 DRAWING NUMBER(S) WHERE TAKEN

DRAWING TITLE

ON DRAWING WHERE ONLY A TITLE IS REQUIRED WITH NO REFERENCE (eg: ELEVATIONS)



SECTION CALLOUT WHERE SECTION IS ON THE SAME SHEET AND CUT EXTENDS

REVISION / ADDENDA NUMBER

NORTH ARROW; CAN BE MODIFIED TO INCLUDE MAGNETIC NORTH ALONG WITH PROJECT NORTH

DESIGN DETAIL DESIGNATION

DESIGNATION SHOWN ON DESIGN DETAIL DRAWING(S

- ALL DESIGN DETAILS ARE TYPICAL AND MUST BE USED IF DESIGN DETAIL DESIGNATION IS NOT SHOWN
- THE TERM STANDARD DETAIL, OR A FORM OF IT, IS SYNOMONOUS WITH DESIGN DETAIL. THE DESIGN DETAILS REPRESENT THE CHARACTER AND NATURE OF THE WORK ASSOCIATED WORK SHALL BE IN ACCORDANCE WITH THE DESIGN DETAILS SHOWN WHETHER THE DETAILS ARE SPECIFICALLY REFERENCED OR NOT

PROJECT LOCATION

DESIGN DETAIL

LOCATION MAP

FLORIDA BAY

REQUIRED THROUGHOUT THE PROJECT. ALL



RIFY SCALE
IS ONE INCH ON SINAL DRAWING.

JANUARY 2020 VERIFY SCALE BAR IS ONE INCH ON ATE D3154102 🕜 ROJ

GENERAL NOTES, LEGEN AND ABBREVIATIONS

DOCUMENTS

G-00°

JACOBS

HEET

WG

