

EXISTING SITE SURVEY SYMBOLS

	PROPERTY LINE
	CENTER LINE
	FLOW LINE
	FENCE
	RAILROAD TRACK
	MAJOR CONTOUR
	MINOR CONTOUR
	STORM SEWER
	SANITARY SEWER
	PROCESS SEWER
	GAS LINE
	HIGH PRESSURE GAS LINE
	DOMESTIC WATER LINE
	PROCESS WATER LINE
	FIRE WATER LINE
	OVERHEAD ELECTRICAL
	ELECTRICAL DUCTBANK
	TELECOMMUNICATIONS DUCTBANK
	SUBDRAIN
	WALL FOUNDATION SUBDRAIN
	MANHOLE
	CURB INLET
	AREA INLET
	FLARED END SECTION
	TRENCH DRAIN
	CLEANOUT
	HIGH POINT VALVE
	FIRE HYDRANT
	FIRE DEPT. CONNECTION
	VALVE AND VALVE BOX
	POST INDICATOR VALVE
	CHECK VALVE
	PIPE FITTINGS
	PIPE PLUG
	LIGHTPOLE
	POWER POLE
	POWER POLE W/ GUY WIRE
	POWER AND LIGHT POLE
	POWER POLE W/ TRANSFORMER
	TELEPHONE POLE
	GUY POLE
	GUY WIRE
	STREET SIGN
	RAILROAD SIGNAL
	BENCHMARK
	SHRUB
	HEDGE
	DECIDUOUS TREE W/ DIAMETER
	EVERGREEN TREE W/ DIAMETER
	UTILITY EASEMENT
	HIGHWAY EASEMENT
	WETLAND

SITE SYMBOLS

	CENTER LINE
	CHAIN-LINK FENCE
	CATTLE FENCE
	PEDESTRIAN SWING GATE
	PEDESTRIAN TURNSTILE
	VEHICULAR SWING GATE
	VEHICULAR CANTILEVER GATE
	VEHICULAR CRASH RATED DROP ARM
	VEHICULAR DROP ARM
	VEHICULAR BI-FOLD SPEED GATE
	VEHICULAR GUARDRAIL
	FIXED SITE BOLLARD
	REMOVABLE SITE BOLLARD
	FIXED SITE BOLLARD WITH SITE SIGN
	SITE SIGN
	PAVEMENT MARKINGS
	SPEED HUMP
	EGRESS PAD WITH BOLLARDS
	SITE FURNISHINGS
	TABLE BENCH TRASH
	BICYCLE STORAGE SHED
	SMOKING SHELTER
	CONC TORNADO SHELTER
	ELECTRIC (EV) CHARGING PEDESTAL WITH BOLLARDS
	SITE LIGHTING
	MAJOR CONTOUR
	MINOR CONTOUR
	STORM SEWER
	SANITARY SEWER
	PROCESS SEWER
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	FIRE DEPT. CONNECTION
	VALVE AND VALVE BOX
	POST INDICATOR VALVE
	CHECK VALVE
	PIPE FITTINGS
	PIPE PLUG
	DRAINAGE AREA BOUNDARY
	LIMITS OF DISTURBANCE
	SILT FENCE
	SUPER SILT FENCE
	TREES
	SHRUBS

ABBREVIATIONS

A	AB ANCHOR BOLT	F	FDC FIRE DEPARTMENT CONNECTION	P	PB PULL BOX
	ABV ABOVE		FDN FOUNDATION		PC POINT OF CURVE
	ACP ASPHALTIC CONCRETE PAVING		FES FLARED END SECTION		PCN POINT OF COMPOUND CURVE
	AD AREA DRAIN		FFE FINISH FLOOR ELEVATION		PEN PENETRATION
	ADDL ADDITIONAL		FG FINISH GRADE		PERF PERFORATION
	ADH ADHESIVE		FH FIRE HYDRANT		PGL PROFILE GRADE LINE
	ADJ ADJUSTABLE		FL FLOOR		PI POINT OF INTERSECTION
	AGGR AGGREGATE		FLEX FLEXIBLE		PIV POST INDICATOR VALVE
	ALMT ALIGNMENT		FLO FLANGE		PL PROPERTY LINE
	ALT ALTERNATE		FNSH FINISH		PNL PANEL
	ALIM ALUMINUM		FO FIBER OPTIC		POB POINT OF BEGINNING
	APPRO APPROXIMATE		FOB FACE OF BUILDING		POC POINT OF CONNECTION
	ARCH ARCHITECTURAL		FOC FACE OF CONCRETE		POE POINT OF ENTRY
	ARV AIR RELEASE VALVE		FOW FACE OF WALL		POV PRIVATELY OWNED VEHICLE
	ASPH ASPHALT		FSA FACILITY SUPPORT AREA		PRKG PARKING
	ASSY ASSEMBLY		FPS FEET PER SECOND		PS PROCESS SEWER
	AVG AVERAGE		FT FOOT		PSF PER SQUARE FOOT
			FTG FOOTING		PSI PER SQUARE INCH
			FW FIRE WATER		PT POINT OF TANGENT
			FUT FUTURE		PVC POLYVINYL CHLORIDE PIPE
B	B SOIL STABILIZATION BLANKET	G	G NATURAL GAS LINE	PVI	PVI POINT OF VERTICAL INTERSECTION
	BC BOTTOM OF CURB		GA GAUGE		PVT POINT OF VERTICAL TANGENT
	BCOMP BITUMINOUS COATED - CORRUGATED METAL PIPE		GAL GALLON		PW PROCESS WATER
	BF BOTH FACES		GALV GALVANIZED		PWR POWER
	BFP BACKFLOW PREVENTER		GEN GENERATOR		
	BHP BRAKE HORSE POWER		GH GROUND HYDRANT		
	BITUM BITUMINOUS		GI GREASE INTERCEPTOR		
	BLDG BUILDING		GND GROUND		
	BLK BLOCK		GPM GALLONS PER MINUTE		
	BM BENCHMARK		GR GRADE		
	BOL BOLLARD		GRD GRADE		
	BOP BOTTOM OF PIPE		GT GREASE TRAP		
	BOS BOTTOM OF STEEL		GU GATE VALVE		
	BOT BOTTOM		GW GROUND WATER		
	BPL BASE PLATE				
	BS BOTH SIDES				
	BSMT BASEMENT				
	BTW BETWEEN				
	BW BOTTOM OF WALL				
C	C CONDUIT	H	H HIGH		
	CAM CAMERA		H2SO4 0.1% SULPHURIC ACID		
	CATV CABLE TELEVISION		HB HOSE BIB		
	CB CATCH BASIN		HDPE HIGH DENSITY POLYETHYLENE		
	CCTV CLOSED CIRCUIT TELEVISION		HDPE HORIZONTAL		
	CD CHECK DAMS		HP HIGH POINT		
	CE STABILIZED CONSTRUCTION ENTRANCE		HPG HIGH PRESSURE NATURAL GAS		
	CEM CEMENT		HPV HIGH POINT VALVE		
	CF CUBIC FEET		HR HOUR		
	CFE CAP FOR FUTURE		HT HEIGHT		
	CFS CUBIC FEET PER SECOND		HW HEAD WALL		
	CHFR CHAMFER		HWL HIGH WATER LEVEL		
	CI CURB INLET				
	CIP CAST IN PLACE				
	CJ CONTROL JOINT				
	CL CENTERLINE				
	CLR CLEAR				
	CMP CORRUGATED METAL PIPE				
	CO CLEAN OUT				
	COL COLUMN				
	COMM COMMUNICATION				
	CONC CONCRETE				
	CONN CONNECTION				
	CONSTR CONSTRUCTION				
	CONT CONTINUOUS CONTINUATION				
	CONTR CONTRACTOR				
	CTOC CENTER TO CENTER				
	CTR CENTER				
	CUB CENTRAL UTILITY BUILDING				
	CY CUBIC YARD				
D	D DEPTH	J	JB JUNCTION BOX		
	DBL DOUBLE		JT JOINT		
	DC DATA CENTER				
	DD DIVERSION EARTH DIKE				
	DEG DEGREE				
	DEMO DEMOLITION				
	DET DETAIL				
	DGA DENSE GRADED AGGREGATE				
	DIA DIAMETER				
	DIM DIMENSION				
	DISCH DISCHARGE				
	DIP DUCTILE IRON PIPE				
	DN DOWN				
	D-NaOCl DILUTED SODIUM HYPOCHLORITE				
	DOS DEPARTMENT OF STATE				
	DR DRAIN				
	DS DOWNSPOUT				
	DTB DETENTION BASIN				
	DV DIVERSION SWALE				
	DWB DEWATERING BASIN				
	DWG DRAWING				
E	E EAST	N	N NORTH		
	EA EACH		NA NOT APPLICABLE		
	EF EACH FACE		NC NORMALLY CLOSED		
	EJ EXPANSION JOINT		NIC NOT IN CONTRACT		
	EL ELEVATION		NO NORMALLY OPEN		
	ELEC ELECTRIC		NORM NORMAL		
	EMB EMBEDDED		NTS NOT TO SCALE		
	EMBD EMBEDMENT				
	EMER EMERGENCY				
	EMH ELECTRICAL MANHOLE				
	EOR END OF RETURN				
	EOP EDGE OF PAVEMENT				
	EOS EDGE OF SLAB				
	EQ EQUAL				
	EQUIV EQUIVALENT				
	EQUIP EQUIPMENT				
	EST ESTIMATE				
	ETR EXISTING TO REMAIN				
	EW EACH WAY				
	EXIST EXISTING				
	EXT EXTERIOR				

SITE SYMBOLS

	ASPHALT PAVEMENT
	HEAVY DUTY CONCRETE PAVING (TRUCK CONTAINMENT AREA)
	CONCRETE SIDEWALK
	LANDSCAPE SEEDING
	RIP-RAP OUTLET PROTECTION

GENERAL NOTES

- UTILITY FACILITIES SHOWN ARE FROM LOCATES OR RECORDS PROVIDED BY OTHERS, AND SHALL BE CONSIDERED APPROXIMATE. OTHER UTILITIES MAY EXIST (EITHER IN SERVICE OR ABANDONED) AND THEIR LOCATION MAY NOT BE PRESENTLY KNOWN OR IDENTIFIED ON THE PLANS. THE ENGINEER MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
- THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL PUBLIC AND PRIVATE UTILITY FACILITIES LOCATED WITHIN THE CONSTRUCTION AREA TO AVOID DAMAGE, DAMAGE TO UTILITIES DUE TO THE CONTRACTOR'S ACTIONS SHALL BE REPAIRED OR REPLACED WITHOUT COST TO THE OWNER OR ENGINEER.
- WHERE EXISTING UTILITY FACILITIES ARE SHOWN IN THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITIES AND CONDUCTING WORK NEAR UTILITY FACILITIES.
- THE CONTRACTOR SHALL COOPERATE WITH UTILITY COMPANIES IN ANY ADJUSTMENT OPERATIONS SO THAT THESE OPERATIONS MAY PROGRESS. THE DUPLICATION OF ADJUSTMENT WORK MAY BE REDUCED, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE INTERRUPTED.
- THE CONTRACTOR SHALL REVIEW ALL UTILITIES SHOWN IN THE PLANS AND COORDINATE WITH ALL UTILITY COMPANIES NECESSARY TO SCHEDULE WORK FOR ALL KNOWN AND POTENTIAL CONFLICTS. THE CONTRACTOR SHALL BE AWARE THAT UTILITY SERVICES ARE NOT ROUTINELY LOCATED OR SHOWN ON THE PLANS, HOWEVER MAY BE A CONFLICT WITH THE WORK PERFORMED.
- THE PRECEDING LIST OF ABBREVIATIONS IS PRESENTED AS A GENERAL GUIDE AND DOES NOT NECESSARILY SHOW ALL ABBREVIATIONS USED. OTHER GENERALLY ACCEPTED ABBREVIATIONS MAY BE FOUND AMONG THE DRAWINGS - REFER TO NCS FOR DEFINITIONS. ALL ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED WITHIN THIS DRAWING SET.
- EXISTING CONDITIONS SHOWN ON DRAWINGS MAY NOT REFLECT CURRENT FIELD CONDITIONS. CONTRACTOR SHALL VERIFY IN FIELD ALL EXISTING CONDITIONS AND IMMEDIATELY NOTIFY DESIGN PROFESSIONAL OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
- PROVIDE POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES. GRADE EARTHEN, NON-PAVED SURFACES TO A SMOOTH FINISH.

DRAWING REVISIONS AND LABEL SYMBOLS

PLAN NORTH ARROW, NORTH BOLD

SCALE

1
Detail Title
C-8100 1:25

DRAWING DETAIL TAG

DETAIL SECTION TAG

DIMENSION LINES

LEADER LABELS

BREAK LINE

DETAIL SECTION ELEVATION

SPOT GRADE

COORDINATE LABEL, NORTHERN / EASTING

REVISION CLOUD AND DELTA SYMBOL

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<p>777 Main St Fort Worth, TX 76102 P 817.735.6000 F 817.735.6148 www.jacobs.com</p>	<p>Discipline Principal, FL License No. 40772</p> <p>2025-09-15</p> <p>This item has been digitally signed and sealed by Mitchell Lee Griffin on the date adjacent to the seal. Signature must be verified on any electronic copies.</p>	<table border="1"> <thead> <tr><th colspan="3">REVISIONS</th></tr> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td>1.0</td><td>2025-06-20</td><td>TECHNICAL SITE PLAN APPLICATION</td></tr> <tr><td>2.0</td><td>2025-09-15</td><td>TECHNICAL SITE PLAN - 2ND SUBMISSION</td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS			NO.	DATE	DESCRIPTION	1.0	2025-06-20	TECHNICAL SITE PLAN APPLICATION	2.0	2025-09-15	TECHNICAL SITE PLAN - 2ND SUBMISSION																			<p>Drawn By: CEW</p> <p>Approved By: MG</p> <p>Design Team: Civil</p>	<p>GUMBO</p> <p>PROJECT ADDRESS: 1035 TOWN CENTER BLVD, PALM COAST, FL 32164 Project Number: K4018368</p>	<p>NOTES, SYMBOLS, AND ABBREVIATIONS</p> <p>Discipline: CIVIL</p> <p>Scale: Sheet Size: A0 - 33.1" x 46.8"</p>	<p>Sheet Number: C-001</p> <p>Current Rev: 2.0</p> <p>Phase: TECHNICAL SITE PLAN APPLICATION</p> <p>Model Name: GUMBO-CIVIL</p> <p>Native File Format: Autodesk Civil 3D 2022</p>
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