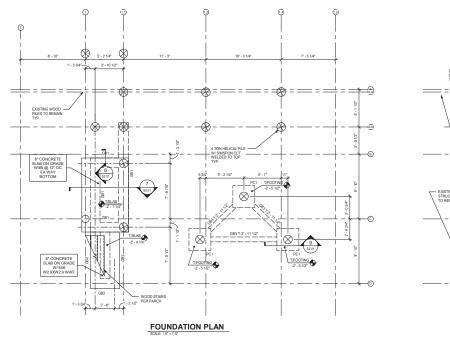
	• 1 • 2 • 3 • 4 • 5 • 6 • 7	8 9 • 10 • 11 • 12 GENERAL STRUCTURAL NOTES	• 13 • 14 • 15 • 16	•
		GENERAL: DETALS AND SECTIONS SHOWN ON THE DRAWINGS ARE TYPICAL AND APPLY TO SIMILAR SITUATIONS ELSEWHERE, EXCEPT AS OTHERWISE INDICATED, ADAPT REQUIREMENTS OF DETALS, SECTIONS, PLANS, AND NOTES AT LOCATIONS WHERE CONDITIONS ARE SIMILAR.		
ž	M	INDICATED, ADAPT REQUIREMENTS OF DETAILS, SECTIONS, PLANS, AND NOTES AT LOCATIONS WHERE CONDITIONS ARE SIMILAR. CENTER ALL FOOTINGS AND PIERS UNDER COLUMNS ABOVE UNLESS SPECIFICALLY DIMENSIONED OTHERWISE.		м
ments		STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.		DCCA
avorgn	•	CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES PRIOR TO EXCAVATION FOR BUILDING FOUNDATIONS. THE STRUCTURAL ENGINEER SHALL BE		. BSSVV
cility in		NOTIFIED OF POTENTIAL CONFLICTS BETWEEN FOUNDATIONS AND BURIED UTLITES. CODE REQUIREMENTS: THE BUILDING STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2220 THE EDITION OF THE FLORIDA BUILDING CODE FOLLOW ALL APPLICABLE PROVISIONS FOR ALL PHYSISS OF CONSTRUCTION. ADDITIONS ARE IN COMPLIANCE WITH THE 2020 EDITION OF THE FLORIDA EXISTING		A R C H I T E C T S I N C License # AA C001863
k Park Fa		BUILDING CODE.		1500 Jackson Street, Suite 200 Fort Myers, Florida 33901
wdermill	•	TEMPORARY CONDITIONS. THE STRUCTURAL INTEGRITY OF THE COMPLETED STRUCTURE DEPENDS ON INTERACTION OF VARIOUS CONNECTED COMPONENTS. PROVIDE ADEQUATE BRACING, SHIGKING, AND OTHER TRANSPORTS PROPORTS ARE ROUGHED TO SAFELY COMPLETE THE WORK. THE STRUCTURE BROWN ON THE BRACING SHIGKING HOSPIGED FOR SHIGKING THE CONFIGURATION ON.Y.		Phone: 239-278-3838 Fax: 239-275-5356 949 Central Ave. Naples, Florida 34102
71,00	•	RETAINING WALLS WHICH TIE TO UPPER SLABS SHALL NOT BE BACKFILLED UNTIL THE UPPER SLABS REACH FULL STRENGTH, UNLESS ADEQUATE BRACING IS PROVIDED AT THE TOP OF THE WALL.		Phone: 239-643-3103 Fax: 239-275-5356
nts/22!		EXISTING CONDITIONS: ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY SIGNIFICANT DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS.		Lowdermilk Park
ометь	w	DESIGN CRITERIA: DESIGN WAS BASED ON STRENGTH AND DEFLECTION CRITERIA OF THE 2020 FLORIDA BUILDING CODE. THE FOLLOWING LOADS WERE USED FOR DESIGN, WITH LIVE LOADS REDUCED PER THE 2020 FBC.		Facilities
lity Imp	h.	SUPERIMPOSED DEAD LOADS: ROOF 20 PSF 300 POUND CONCENTRATED FLOORS 20 PSF		Improvements
ark Fad	•	INCLUDES AN ALLOWANCE OF 5 PSF AND A 250 LB POINT LOAD FOR WATER FILLED SPRINKLER PIPING.		. 1301 Gulf Shore Blvd
rmilk F		ROOF LIVE: 20 PSF		North
- Iowd		RAIN LOAD: RAINFALL INTENSITY 5.0 INMR		Naples, Fla. 34102
108.01	1	SUPERIMPOSED FLOOR LIVE LOADS: PUBLIC ROOMS 100 PSF STAIRS 100 PSF	⇒√-®	J. Owner:
///soo		WIND SPEED (ASCE 7-16) 170 MPH (132 MPH ALLOWABLE) RISK CATEGORY II		. City of
ode sk. E	•	NOSIL ALEGUAYT 0 C DEPOSITIES NITERRAL PRESSURE COEFF ++ 0.55 PARTIMLLY ENCLOSED NULL PRESSURE		Naples, Fla.
Aus		FLOOD ESIGN THE STRUCTURAL ELEMENTS BELOW FLOOD ELEVATION SHALL BE FLOOD DAMAGE.RESISTANT MATERIALS PER ASCE 24-14. THE STRUCTURE IS LOCATED IN A LIZONE. ALL WALLS AT CROUND LEVEL MOST DESPRINGED AS QUESTIONED AS CONTROL AND SHALL BE ADDRESS.	0 0	
	н	ELODICESION. THE STRUCTURAL ELEMENT SELDY FLOOD ELEVITORS WHILE BE FLOOD DAMAGE RESISTANT MATERIALS PER ACE SHALL THE STRUCTURES IS COLORED AN A SCHOOL ALVENLA OF ROOM LOVENLA FOR SEGENETIC AS SHEARMAN, AND ARE RESEARMAN WALL AND SHALL AND SHALL MAKE RECOLORISMOST OF RESISTANT AND ARE RESEARMAN WALL AND SHALL AND SHALL MAKE AND ARE SHALL AND SH	0 1	H Consultant:
		HTUROUTHANIL CORDS AND EPPELTS OF BOUTAINCH MICROSTRANCE WITH PEAK GOBERNES AND ASSE 24-14. HELICAL PILES - HELICAL PILES SHALL BE DESIGNED TO SUPPORT A 10 TON NOMINAL COMPRESSIVE LOAD. THE OVERALL LENGTH, HELIX CONFIGURATION AND INMINUM TORSIONAL RESISTANCE, AND APPROPRIATE BEARING STRATUM SHALL BE DETERMINED BY		SELECT STRUCTUAL 12573 New Brittarry Blvc
	•	CONFIGURATION AND INNIVIOUS TORSOLVAL RESISTANCE, AND APPROPRIATE BEARING STRATUM SHALL BE UP LEMBINED BY MANUFACTURERINSTALLED. ALL PLES SHALL BE INSTALLED TO PROVIDE A MINIMUM FACTOR OF SAFETY AGAINST ULTIMATE BEARING RESISTANCE OF 2. EACH PILE SHALL BE	0 110	Phone: (239) 210-5090 Project No.: 22571 Certification Auth. 2835:
		ALL PILES SYMULE BE INSTALLED TO PROVIDE A MINIMUM PALLOK OF SAPE IT ADAMS). LUI MADE BENKING RESISTANCE OF Z. BIACH PILE SYMULE BE DESINED TO MEET A CORROSION SERVICE LIFE OF SY PASHS AN ACCORDANCE WITH ICCES ACCEPTANCE OR CHITER MISS. THE PILE DESIGN SHALL TAKE INTO ACCOUNT SUCH PILE SPACING, SOIL STRATTFICATION, CORROSION AND STRAIN COMPATBILITY ISSUES AS ARE	0 0	SELECT STRUCTURAL
	G	PRESENT FOR THE PROJECT. HELPGAL PLES SHALL BE INSTALLED WITHIN 3 INCHES OF THE INDICATED PLANLOCATION. HELPGAL PILE SHAFT AUGMBERT SHALL BE WITHIN 2 EGREERS OF THE INDILINATION ANGLE SHOWN ON THE PLANS. TOP ELEVATION OF HELICAL PLES SHALL BE WITHIN 2 INCHES OF THE DESIGN VERTICAL ELEVATION.		G Seal:
	•	AN INDEPENDENT GEOTECHNICAL CONSULTANT SWALL BE RETAKED TO MONITIOR PLE INSTALLATION AND VERRY LOAD CAPACITY. <u>SUBMITTALE</u> : SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION REGARDING ALL STRUCTURAL ITEMS INCLUDINGS THE FOLLOWING:	ALLOWABLE COMPONENT & CLADDING WIND PRESSURES (PSF) ZONE TRIBUTARY AREA	No 53515
		THEMS INCLUDING THE FOLICITINES: CONCRETE MAY DESIGNS, CONCRETE AND MASONRY REINFORCING.	ZONE	D STATE OF U
	F	CONTRETE IN MAIN MASTORY REPORTANCE. SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECTIENGINEER. DRAWINGS SUBMITTED WITHOUT REVEW WILL BE RETURNED UNCHECKED.	RIDGE 2r 40 / -94 31 / -76 27 / -67 CORNER 3 40 / -75 31 / -63 27 / -68	F ORID ORID
		REVIEW WILL BE RELIDINED UNIVELCAEL. CONCRETE: REINFORCED CONCRETE CONSTRUCTION SHALL CONFORM TO THE FBC AND ACI 319 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE": CONCRETE STERNISTING SHALL BE VERHELD BY STANDARD 28 DAY CYLINDER TESTS PER ASTM CISI, AND SHALL BE AS FOLLOWS:	WALL INTERIOR 4 50 /-53 46 /-49 44 /-47 CORNER 5 50 /-62 46 /-55 44 /-51	12/15/2022
	•	CONNECTE: CONNECTE IS NEARLY THIS SHALL BE VERRIED BY STANDARD 28-DAY CYTURDER LESTS PER ASTAL C39, AND SHALL BE AS FULLDIVIS: 15. USE 3000 PSI ALL USES	a= 3 ft	Project Phase:
		2000 PSI ALL USES: CEMENT SHALL CONFORM TO ASTIM CHO, TYPE 1. FLY ASH CONFORMING TO ASTIM CHIR, TYPE F OR TYPE C. MAY BE USED TO REPLACE UP TO 20% OF THE CEMENT CONTENT, PROVIDED THAT THE MLX STRENGTH'S SUBSTANTIATED BY TEST DATA. COMPSEX AGGREGATE SHALL CONFORM TO ASTIM CAS WITH AMAXIMAN SEC OF SUF, PROGREGATE SHALL CONFORM TO ASTIM CAS WITH AMAXIMAN SEC OF SUF, PROGREGATE SHALL CONFORM TO ASTIM CAS.	COMPONENT & CLADDING DIAGRAM SOLE HOT TO SOLE	Issued for Permit
	Ε	A WATER REDUCING ADMINTURE, IF USED, SHALL CONFORM TO ASTIN C494 AND USED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, SHALL BE INCORPORATED IN CONCRETE DESIGN MUSES. A HIGH-RANGE WATER REDUCING ADMIXTURE CONFORMING TO ASTIN C494, TYPE F OR (MAY BE USED ON CONCRETE MUSE PROVIDING THAT THE SUMPID (OSE NOT EXCEED B').	Shawn Anderson Shawn Sha	Project Issued: 12-09-22 Sheet Issued:
	•	REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, FOR DEFORMED BAR. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.	THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND	No. Date Revision
58 AM		ALL DETAILING AND ACCESSORIES SHALL CONFORM TO ACI DETAILING MANUAL SP-86. PROVIDE CHAIRS, SPACERS, BOLSTERS, AND ITEMS IN CONTACT WITH FORMS WITH HOT-DIP CALVANUED LESS OR PLASTIC LESS. ACCURATELY POSITION, SUPPORT, MOS	SEALED LISHO, A DIGITAL SIGNATURE. PRINTED CORRES OF THE DOCUMENT ARE NOT CONSIDERED GRAVED AND SEALED AND THE SIGNATURE MADE THE VIEWFILM OF MADE LECTRONIC DIGITAL THREE MADE THE VIEWFILM DOLAN AT LECTRONIC DIGITAL THREE MADE THE VIEWFILM DOLAND AT LECTRONIC DIGITAL THREE MADE THE VIEWFILM DIGITAL THREE MADE THREE MA	• <u>A</u>
10:49:	D	REQUIRED CONCRETE COVER FOR REINFORCING STEEL (UNLESS NOTED OTHERWISE):	SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
15/2023		FOOTINGS 3" BOTTOM AND SIDES, 2" TOP SLABS 34"		
12/2	•	AP BY DEC CONTRIBUCIÓS ESTITALA ON HORDOTTAL BURR IN CONCRETE ESMESSER IN ACCIORANCE UTITALO 18-14 FERO LAS PET ENERGALAP SPLESS. DON POS LEC CONTRIALOS TO PRASI RE MEMAR À TENDO E CLARA SPANO, DON ET SPLEC CONTRIALOS ESTITAL BASES ES REMAIN I CLARA PANA SETTIMEN SUPPORTS. SHOW ALL SPLICES ON SHOP DRAWNOS. SPLICE LOCATIONS AND METHODS SURJECT TO APPROVAL OF STRUCTURAL BENDREER.		•
	c	SLASS ON GROOF, PREPARE SUBGRADE AS PER THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT, CHARL WIRE FABRIC DURING CONCRETE PLACEMENT TO ENSURE PROPER POSITION IN SLAB. USE VAPOR BARRIER UNDER ALL ENCLOSED INTERIOR SPACES, PER ARCHITECTURAL DRAWNISS.		c
		PLACE CRACK CONTROL JOINTS AS SHOWN ON PLAN OR AT 12 FEET MAXIMUM FOR 4" SLAB, OR 15 FEET MAXIMUM FOR 6" SLAB. JOINT SPACING SHALL NOT INCIDENCE A 1 STO 1 WIDTH TO LENGTH RATIO, CONTRACTOR SHALL SUBMIT A CONTROL JOINT LAYOUT FOR ENGINEER'S AND ARCHITECT'S REVIEW PRIOR TO CONCRETE PLACEMENT.		
	•	FOR 6"THICK SLABS ON GRADE, PROVIDE 6X8 W2.9XW2.9 WELDED WIRE FABRIC PLACED 2" BELOW TOP OF SLAB OR 3 POUNDS PER CUBIC YARD OF MACRO SYNTHETIC FIBERS (FORTA FERRO OR EQUAL), UNLESS NOTED OTHERWISE.		•
		SAWN LUMBER: SAWN LUMBER SHALL BE SOUTHERN PINE #2 WITH THE ALLOWABLE FIBER STRESSES PER THE AWC NATIONAL DESIGN SPECIFICATION. ALL LUMBER EXPOSED TO WEATHER SHALL BE PROTECTED OR PRESSURE TREATED. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL		Copyright © 2022. BSSW Architects, Inc. reserves copyright and other rights restricting these documents to the
	8	BE PROTECTED OR PRESSURE TREATED. ALL FRAMING MAS SHALL BE COMMON NAILS AND SHALL BE OF THE SZE AND NUMBER INDICATED ON THE DRAWINGS. NAILING NOT SHOWN SHALL BE AS NOCATED IN TABLE 2014 OF OTHER FOR. BOLTS AND LAS SCREWS SHALL CONFORM TO ANSWARE STANDARD BIRST. ALL BOLTS AND LAG		lec. reserves copyright and other rights restricting these documents to the original site or purpose for which they were prepared. Reproductions, changes or assignments are prohibited.
				Sheet Title: GENERAL NOTES SHEET
	•	SHORT SHALL BE RISTIFICATE WITH STRUMEND OF THREETING. WOOD FRAUNCO CONNECTIORS FRANK ACCESSIONES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON COMPANY (OR APPROVED EQUAL) AND OF THE SEZ MAD TYPE SHOWN ON THE DRAWINGS. HANGERS NOT SHOWN SHALL BE SIMPSON HID OF SEZ RECOMMENDED FOR MEMBER AT LICONACTIONS SHALL BE CALVANIZED. UNLESS SHOWN OTHERWISE, INSTALL MAXIMUS SEZ AND NUMBER OF FASTENERS SHOWN IN LITEST SIMPSON CATALOG. LITEST SIMPSON CATALOG.		•
	А	HEADERS MID IDECSES, HEADERS AND LIDDERS LOUGED FROM TOO BHALLS CONNECTED TOCKTIERS WITH 2 ROWS SWIPON BBY SCRIPES AT 19' OF TRECORDINAL TAYS WITH 138 WINAMAN BEREMENT, FLORESS AND LIDDERS LOUDED 19' FACE MANDED BUICEST SHALL BE CONNECTED TOCKTIERS AND EXCESS FOLLOWS: 20X AND 20X CONNECTED TOCKTIERS WITH 2 ROWS SWIPSON SON SCRIPES AT 12" OC. 2XIO AND 2XI CONNECTED TOCKTIERS WITH 2 ROWS SWIPSON SON SCRIPES AT 12" OC. 2XIO AND 2XI CONNECTED TOCKTIERS WITH 2 ROWS SWIPSON SON SCRIPES AT 12" OC. 2XIO AND 2XI CONNECTED TO CONTROL TO CONTRO		A Sheet No.
		SDW SCREWS SHALL BE INSTALLED WITH 1 1/2" EDGE DISTANCE, 6" END DISTANCE, AND 4" MINIMUM CENTER TO CENTER.		S0.01
	• 1 • 2 • 3 • 4 • 5 • 6 • 7	* 8 * 9 * 10 * 11 * 12	• 13 • 14 • 15 • 16	•



Exhibit B - Lowdermilk Park Facility Improvements-Structural-SS



FLOOR FRAMING PLAN NOTES

- 2. INDICATES STRUCTURAL WOOD BEAM.
- ZD1 INDICATES SPAN DIRECTION OF 2x6 DECKING, ATTACH TO SUPPORTS W/ (2) 8d EA SUPPORT.
- 4. INDICATES 2x6 @ 16" OC WOOD STUD BEARING WALLS.

EXISTING — STRUCTURE TO REMAIN DECK FRAMING PLAN

FOUNDATION PLAN NOTES:

- 3. VERIFY/COORDINATE THE LOCATION OF ALL UNDERGROUND PIPING WITH THE FOUNDATION
- 5. GBX INDICATES GRADE BEAM TYPE, REFER TO GRADE BEAM SCHEDULE ON THIS SHEET.
- INDICATES 10 TON CAPACITY HELICAL PILES. PILES NOT SUPPORTING A GRADE BEAM TO RECIEVE SIMPSON CCOQ WELDED TO TOP FOR FRAMING CONNECTION.

GRADE BEAM SCHEDULE									
				RE	NFOR	CING			
MARK	WIDTH	DEPTH	TOP	MID	BOT	STIRRUPS	COMMENTS		
GB1	1' - 4"	2' - 9"	(3)#5			#3 @ 12" OC	-		
GB2	1' - 4"	2' - 0"	(3)#5	-	(3) #5	#3 @ 10" OC	•		
GB3	8*	1' - 4"	(3)#5		(3) #5	#3 @ 8" OC			

PILE CAP SCHEDULE									
MARK	WIDTH	LENGTH	THICKNESS	REINFORCEMENT	COMMENTS				

E Project #: 2108.01 Project Issued: 12-09-22 Sheet Issued: 12-09-22

L | 1500 Jackson Street, Suite 200 Fort Myers, Florida 33901 Phone: 239-278-3838 Fax: 239-275-5356 949 Central Ave. Naples, Florida 34102 Phone: 239-643-3103 Fax: 239-275-5356 Lowdermilk Park **Facilities** Improvements . 1301 Gulf Shore Blvd. North Naples, Fla. 34102

> City of Naples, Fla.

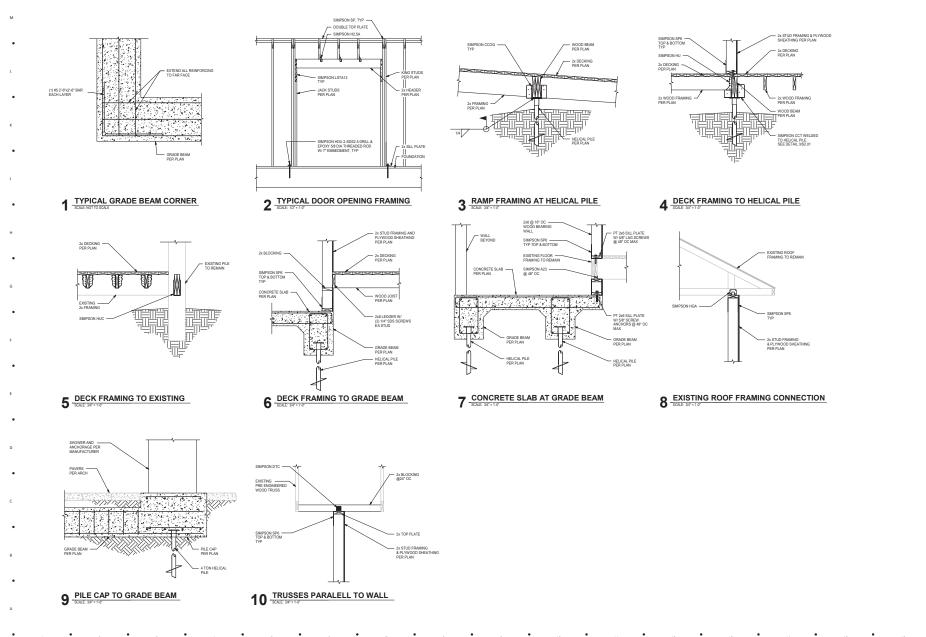
SELECT STRUCTURAL

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STRUCTURAL PLANS

S1.01

Exhibit B - Lowdermilk Park Facility Improvements-Structural-SS



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Lowdermilk Park Facilities Improvements

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Dwner:

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Seal:

Project Phase:

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Sheet Title: DETAILS

DETAILS

S2.01