

BON SECOUR VISITOR CENTER & ADMINISTRATION

ISSUED FOR CONSTRUCTION 05/02/2024





FISH & WILDLIFE SERVICES **BON SECOUR NATIONAL** WILDLIFE REFUGE

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12295 STRONG RD. GULF SHORES, AL 36542



1.	THE DRAWINGS ARE PREPARED AND COORDINATED WITH THE
	PROJECT MANUAL WHICH INCLUDE TECHNICAL SPECIFICATIONS. THEY, ALONG WITH OTHER DOCUMENTS ISSUED BY WILEY WILSON AND ENUMERATED IN THE OWNER-CONTRACTOR AGREEMENT,
	STATED IN ONE DOCUMENT MUST BE UNDERSTOOD AS STATED IN ALL. ANY AMBIGUITIES OR INCONSISTENCIES MUST BE RESOLVED
2	DRAWING REFERENCES ARE FOR CONVENIENCE ONLY AND DO NOT LIMIT THE EXTENT OF APPLICATION OF THE DRAWINGS OR DETAILS.
	ALL DIMENSIONS, DESCRIPTIONS AND/OR SYMBOLS WITHIN A DRAWING ARE COMPLEMENTARY. DRAWINGS AND SPECIFICATIONS WHETHER TAKEN SEPARATELY OR TOGETHER ARE TO BE
	SPIRIT; AND MUST BE DEEMED TO EXPLIN MUTUALLY EACH OTHER AND TO BE DESCRIPTION OF THE WORK TO BE DONE UNDER THE CONTRACT.
3	THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL AND OR WORK THAT IS NOT IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4	ALL WORK INDICATED MUST INCLUDE ALL LABOR, MATERIALS AND FINISHED ASSEMBLIES NECESSARY TO MAKE A COMPLETE, PROPERLY WORKING AND FINISHED INSTALLATION.
5	COMPLY WITH ALL APPLICABLE AND GOVERNING CODES AND REGULATIONS; AND MUST COMPLY WITH ALL LIFE SAFETY REQUIREMENTS OF APPLICABLE GOVERNING AUTHORITIES. ALL
	WORK MUST BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND ORDINANCES. SEE SHEET GL001 FOR ADDITIONAL CODE INFORMATION.
6	ALL WORK MUST BE IN ACCORDANCE WITH ACCEPTED HIGH QUALITY CONSTRUCTION PRACTICES AND STANDARDS AND DONE IN A WORKMAN-LIKE MANNER.
7	IF AN UNSAFE CONDITION OR A LIFE THREATHENING HAZARD IS NOTED AT THE SITE, NOTIFY THE ARCHITECT AND THE AUTHORITY HAVING JURISDICTION IMMEDIATELY.
8	ANY RULES OR REGULATIONS FOR THE USE AND CONSTRUCTION ON THE PROPERTY WITH RESPECT TO BUT NOT LIMITED TO HOURS OF CONSTRUCTION LIMITS OF WORK OPERATIONS OF THE BUILDING
	SAFETY OF THE OWNERS EMPLOYEES OR GENERAL LOCATIONS OF DUMPSTERS, USE OF THE OWNER'S UTILITIES AND FACILITIES, SCHEDULING OF DELIVERIES, ETC.
9	COORDINATE WITH THE OWNER ALL WORK SO AS TO AVOID DISRUPTION TO THE NORMAL OPERATIONS AND WORK OF THE OWNER.
10 11	INSTALL ALL MANUFACTURED ITEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. MANUFACTURER'S NAMES AND/OR MODEL NUMBERS CITED ARE
	USED TO PROVIDE AN INDICATION OF QUALITY, STYLE AND/OR SIZE DESIRED. OTHER MANUFACTURERS ARE ACCEPTABLE IF PRODUCTS ARE EQUAL IN QUALITY, STYLE AND SIZE.
12	MANUFACTURER'S NAMEPLATES, INCLUDING TRADEMARK AND OTHER IDENTIFYING SYMBOLS, MUST NOT BE PERMITTED IN SURFACES VISIBLE TO THE PUBLIC, UNLESS OTHERWISE INDICATED
13	REMOVE ALL CONSTRUCTION AND/OR DEMOLITION DEBRIS FROM THE JOB SITE TO MAINTAIN A CLEAN AND SAFE ENVIRONMENT AND TO PREVENT THE POSSIBILITY OF A FIRE OR LIFE SAFETY HAZARD
14	ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS, OR ANY AMBIGUITIES OR INCONSISTENCIES CONTAINED THEREIN, MUST BE REPORTED TO THE ARCHITECT IMMEDIATELY, AND A SUITABLE RESOLUTION ESTABLISHED PRIOR TO THE SUBMITTAL OF BIDS OR THE BEGINNING OF THE AFFECTED WORK. WORK THAT PROCEEDS IN VIOLATION OF
	OF ANY CHANGES REQUIRED BY THE CLIENT TO SUITABLY MODIFY SUCH WORK MUST BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
15	SAFEGUARD THE OWNERS' PROPERTY AND ADJACENT PROPERTIES DURING CONSTRUCTION AND MUST PROTECT FROM DAMAGE ANY EXISTING OR ADJACENT FINISHES, MATERIALS, FIXTURES OR BUILDING ASSEMBLIES. REPAIR ALL AREAS AFFECTED BY THE
16	APPEARANCE, UNLESS NOTED OTHERWISE. MUST NOT REMOVE, ALTER, LOAD, PENETRATE OR ADD TO ANY EXISTING BUILDING ASSEMBLY OR STRUCTURE WHICH MAY
17	COMPROMISE ITS INTEGRITY OR STRUCTURAL STABILITY OR THE INTEGRITY AND STRUCTURAL STABILITY OF ADJACENT BUILDING ASSEMBLIES WITHOUT PRIOR INVESTIGATION, REMEDY OR ACTION.
.,	REMAIN. REPAIR ALL SURFACES AND FINISHES TO MATCH EXISTING, AFTER DEMOLITION IS COMPLETE. IF A PORTION OF AN EXISTING WALL TO REMAIN IS DEMOLISHED, THE ENTIRE WALL OR CEILING MUST BE PAINTED AFTER NEW CONSTRUCTION IS COMPLETED.
18	DEMOLITION OF ENTIRE PROJECT IS REQUIRED IF DEMOLITION IS REQUIRED, THE CONTRACTOR MUST BE RESPONSIBLE FOR MAINTAINING THE STRUCTURAL INTEGRITY OF THE BUILDING DURING DEMOLITION AND CONSTRUCTION. THE
	CONTRACTOR MUST BRACE ALL STRUCTURAL ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION AS REQUIRED. THE CONTRACTOR MUST INFORM THE ARCHITECT OF ANY STRUCTURAL CONDITIONS UNCOVERED DURING THE DEMOLITION AND NEW WORK
19	WHICH ARE NOT ADDRESSED ON THE CONSTRUCTION DOCUMENTS. IF DEMOLITION IS REQUIRED, CONTRACTOR MUST MAINTAIN SAFE PUBLIC ACCESS TO AND FROM ALL BUILDING EXITS AT ALL TIMES. CONTRACTOR MUST COORDINATE WITH OWNER THE SCHEDULING OF WORK TIMES, PRIOR TO COMMENCEMENT OF ANY AND ALL

PROJECT GENERAL NOTES

20 THE CONTRACTOR OR ANY OF HIS EMPLOYEES, OR SUB-CONTRACTORS MUST NOT SCALE THESE DRAWINGS FOR DIMENSIONS. IF THERE IS ANY QUESTION CONCERNING THE DIMENSIONS THE CONTRACTOR MUST CONTACT THE ARCHITECT CLARIFY THE DIMENSIONS.

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- 21 VERIFY THAT THERE ARE NO UTILITIES IN THE AREA OF CONSTRUCTION OR PROTECT ALL KNOWN UTILITIES BEFORE ANY WORK IS STARTED.
- 22 FIELD VERIFY ALL CONDITIONS, DIMENSIONS AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK OR ORDERING OF MATERIALS. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS MUST BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE PROCEEDING WITH THAT PORTION OF WORK.
- 23 THE FLOOR ELEVATIONS INDICATED ON ARCHITECTURAL DRAWING ARE REFERENCED FROM THE TOP OF THE FIRST FLOOR STRUCTURE/SLAB (DATUM) ELEVATION OF 00.00 FEET. REFER TO CIVIL DRAWINGS FOR ABSOLUTE ELEVATION.
- 24 DIMENSIONS INDICATED FOR INTERIOR ARE FROM THE FACE OF STUD FACE OF MASONRY STRUCTURE OR FACE OF EXISTING SURFACES UNLESS OTHERWISE NOTED.
- 25 DIMENSIONS INDICATED FOR EXTERIOR ARE FROM THE EXTERIOR FACE OF WALL.
- 26 DIMENSIONS FOR EXISTING WORK ARE INDICATED AS "±". ALL DISCREPANCIES MUST BE BROUGHT TO THE IMMEDIATE ATTENTIO OF THE CONTRACTING OFFICER IN WRITING.
- 27 ALL WOOD MUST BE PRESSURE TREATED WHEN IN CONTACT THE GROUND OR CONCRETE.
- 28 ALL WOOD BLOCKING AND MISCELLANEOUS STEEL SHOWN IN DETAILS AND SECTIONS MUST BE CONTINUOUS UNLESS SPECIFICALLY NOTED OTHERWISE.
- 29 MAINTAIN ALL MEANS OF EGRESS DURING CONSTRUCTION OR MAR ARRANGEMENTS FOR CODE COMPLIANT EXITS FOR TIMES WHEN THE BUILDING IS OCCUPIED.
- 30 COORDINATE ALL WORK INCLUDING, SOFFIT FRAMING AS NEEDED WITH ALL WORK SHOWN ON THE MECHANICAL, PLUMBING, FIRE-PROTECTION, ELECTRICAL AND STRUCTURAL DRAWINGS.
- 31 FOLLOW LATEST ASTM C840 AND USG GYPSUM CONSTRUCTION HANDBOOK FOR THE INSTALLATION AND RECOMMENDED LOCATIONS OF CONTROL JOINTS IN GYPSUM BOARD WALLS AND CEILINGS, TYPICAL U.N.O.

SHEET NUMBEF)0 GENERAL 3-001 3-002			RE//ICI	ON
G-001	SHEET NAME	NUMBER	DATE	DESCRIPTION
3-002	COVER SHEET			
	SHEET INDEX & PROJECT GENERAL NOTES			
JLUU1 21 101				
)4 CIVIL				
/-001	TOPOGRAPHIC SURVEY			
2-001	CIVIL NOTES, ABBREVIATIONS, AND LEGENDS			
2-101	EXISTING CONDITIONS AND DEMOLITION PLAN			
2-102 2-103				
C-104	EROSION AND SEDIMENT CONTROL PLAN			
C-501	CIVIL DETAILS			
2-502	CIVIL DETAILS			
)6 STRUCTURAL	-	1		
3-001	STRUCTURAL GENERAL NOTES			
5-002				
3-003 3-004	SPECIAL INSPECTIONS			
S-005	SPECIAL INSPECTIONS			
S-101	FOUNDATION PLAN			
5-102	ROOF FRAMING PLAN			
5-201	TRUSS ELEVATIONS			
3-202	CFS STRAP BRACE ELEVATIONS			
5-203				
১-৩০। ২_२११				
S-312	STRUCTURAL SECTIONS			
5-401	PARTIAL PLANS			
S-501	TYPICAL FOUNDATION DETAILS			
5-511	TYPICAL CFS DETAILS			
3-521	TYPICAL FRAMING DETAILS			
3-601	WALL WIND PRESSURE ELEVATIONS			
602	ROOF UPLIFT DIAGRAM			
\G002 \-101	LEGENDS OVERALL FIRST FLOOR PLAN			
A-102	ROOF PLANS			
A-104	ROOF PLANS			
\-201	OVERALL BUILDING ELEVATIONS			
\ -202	OVERALL BUILDING ELEVATIONS			
<u>\-301</u>	OVERALL BUILDING SECTIONS			
1-302 1 211	UVERALL BUILDING SECTIONS			
<u></u> 	TOIL ET ACCESSORY DIAGRAMS			
<u>\</u> -402	SHOWER ACCESSORY DIAGRAMS			
∖- 410	ENLARGED RESTROOM PLANS AND ELEVATIONS			
\-411	INTERIOR ELEVATIONS & DETAILS			
\-412	MILLWORK PLANS & SECTIONS			
1-550	COLUMN PLAN & SECTION DETAILS			
1001 1001				
	DIAGRAMS			
\-602	HORIZONTAL ASSEMBLIES			
\-603	EXTERIOR VERTICAL ASSEMBLIES			
\-604	EXTERIOR VERTICAL ASSEMBLIES & EXPANSION			
1-011				
<u>\-631</u>	DOOR DETAILS			
λ-631 λ-632	WINDOW SCHEDUI F			
4-631 4-632 4-640		T		
A-631 A-632 A-640 A-641	WINDOW DETAILS			
A-631 A-632 A-640 A-641 A-701	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE			
A-631 A-632 A-640 A-641 A-701 A-702	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901)8 INTERIOR -801	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 V8 INTERIOR -801 -811	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812 0 PLUMBING 2-001	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS LEGEND, ABBREVIATIONS & GENERAL NOTES FURDIT FLOOR DEFENSIVE DETAILS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812 0 PLUMBING 2-001 2-101 A 201	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS LEGEND, ABBREVIATIONS & GENERAL NOTES FIRST FLOOR PRESSURE PIPING PLAN EIRST FLOOR PRESSURE PIPING PLAN			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 08 INTERIOR -801 -811 -812 0 PLUMBING 2-001 2-101 2-201 2-201 2-301	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS LEGEND, ABBREVIATIONS & GENERAL NOTES FIRST FLOOR PRESSURE PIPING PLAN FIRST FLOOR SANITARY PIPING PLAN ENI ARGED PLANS AND SECTIONS			
A-631 A-632 A-640 A-641 A-701 A-702 A-901 BINTERIOR -801 -811 -812 0 PLUMBING 2-001 2-001 2-101 2-201 2-301 2-501	WINDOW DETAILS MATERIAL AND FINISH SCHEDULE INTERIOR DETAILS 2D/3D PRESENTATION VIEWS FURNITURE PLAN SIGNAGE SCHEDULES TYPICAL SIGNAGE DETAILS & DOORWAY LOCATIONS LEGEND, ABBREVIATIONS & GENERAL NOTES FIRST FLOOR PRESSURE PIPING PLAN FIRST FLOOR SANITARY PIPING PLAN ENLARGED PLANS AND SECTIONS DETAILS			

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SHEET NUMBER	
P-801	DOMESTIC V
P-802	SANITARY W
11 MECHANICAL	
VI-001	LEGEND, ABI
VI-101	FIRST FLOOF
VI-201	FIRST FLOOF
VI-301	ENLARGED F
M-501	DETAILS
M-601	SCHEDULES
M-701	CONTROLS
12 ELECTRICAL	
E-001	ELECTRICAL
E-002	ELECTRICAL
E-100	SITE PLAN
E-101	LIGHTING PL
E-102	POWER PLAN
E-103	MECHANICA
E-104	TELECOMML
E-105	LIGHTNING F

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	SHEET IND	EX		
			REVIS	ION
)	SHEET NAME	NUMBER	DATE	DESCRIPTION
	DOMESTIC WATER RISER DIAGRAMS			
	SANITARY WASTE RISER DIAGRAM			
	LEGEND, ABBREVIATIONS & GENERAL NOTES			
	FIRST FLOOR DUCTWORK PLAN			
	FIRST FLOOR MECHANICAL PIPING PLAN			
	ENLARGED PLANS AND SECTIONS			
	DETAILS			
	SCHEDULES			
	CONTROLS			
	ELECTRICAL LEGENDS AND SYMBOLS			
	ELECTRICAL GENERAL NOTES AND ABBREVIATIONS			
	SITE PLAN			
	LIGHTING PLAN			
	POWER PLAN			
	MECHANICAL POWER PLAN			
	TELECOMMUNICATION & TECHNICAL SECURITY PLAN			
	LIGHTNING PROTECTION & GROUNDING PLAN			
	DETAILS			
	LIGHTING DIAGRAMS			
	ONE-LINE & PANEL SCHEDULES			

	Constant Progress	5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
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FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR	CENTER & AUMINICIATION 12295 STRONG RD. GULF SHORES, AL 36542
		REVISION DESCRIPTION
COMM NO: DATE: 05 DRAWN: NXE CHECK: SHEET TITLE	230182 5/02/2024 DESIGN:	NXE SAT
SHEET INDE GENERA SHT. NO. G-002	X & PRC L NOTE	DJECT S EV. NO.

APPLICABLE BUILDING CODES:

The 2021 International Building Code adopted on July 1, 2022 as the State Building Code and enforced by the Division of Construction Management (DCM) includes the following:

Companion Codes

- 2021 International Existing Building Code July 1, 2022
 2021 International Plumbing Code July 1, 2022
- 2021 International Fuel Gas Code July 1, 2022
- 2021 International Mechanical Code July 1, 2022
- 2020 National Electrical Code (NFPA 70) July 1, 2022
- 2021 International Fire Code July 1, 2022
- July 1, 2022 ANSI/ASHRAE/IES Standard 90.1-2013 Energy Standard for Buildings Except Low-Rise Residential Buildings, with exceptions permitted to:
- 6.5.1 Economizers
- 8.4.2 Automatic Receptacle Control
- 8.4.3 Electrical Energy Monitoring
- 2010 ADA Standards for Accessible Design April 18, 2011
- These requirements supersede the accessibility requirements contained in the International Building Code and ANSI A117.1.

DCM Code Supplements

- 2020 ICC/NSSA-500 Standard for the Design and Construction of Storm Shelters July 1, 2022
- 2019 National Fire Alarm and Signaling Code (NFPA 72) July 1, 2022

PROJECT SCOPE:

NEW CONSTRUCTION OF A VISITOR CENTER AND OFFICES FOR THE BON SECOUR WILDLIFE REFUGE

<u>ZONING:</u> N/A

OCCUPANCY CLASSIFICATION (IBC CH 3, 304, 311:

BUSINESS GROUP B

CONTROL AREAS (IBC TABLE 414.2.2):

PERMITTED: N/A PROPOSED: N/A

ALLOWABLE HEIGHT IN FEET (IBC TABLE 504.3):

MAXIMUM PERMITTED: 55 FEET, NOT SPRINKLERED (TYPE IIB)

PROVIDED: 30 FEET 0 INCHES

ALLOWABLE NUMBER OF STORIES (IBC TABLE 504.4):

MAXIMUM PERMITTED: 2 STORIES, NOT SPRINKLERED (TYPE IIB)

PROVIDED: 1 STORY

AREA LIMITATION (IBC 505.2.1):

MAXIMUM PERMITTED: AGGREGATE FLOOR AREA OF MEZZANINE NOT > 1/3 OF FLOOR AREA OF THAT SPACE. PROVIDED: N/A

ALLOWABLE FLOOR AREA (IBC TABLE 506.2): MAXIMUM PERMITTED: 23,000 SQFT NOT SPRINKLERED GROUP-B (TYPE IIB)

PROVIDED: 4440 GROSS SQFT

FIRE RESISTANCE REQUIREMENTS (IBC TABLE 601):

CONSTRUCTION TYPE: PROPOSED: TYPE IIB

STRUCTURAL FRAME, INCLUDING COLUMNS:

REQUIRED: NO FIRE RESISTANCE RATING PROVIDED: NO FIRE RESISTANCE RATING

FLOORS, INCLUDING SUPPORT BEAMS:

REQUIRED: NO FIRE RESISTANCE RATING PROVIDED: NO FIRE RESISTANCE RATING

ROOF, INCLUDING SUPPORT BEAMS:

REQUIRED: NO FIRE RESISTANCE RATING PROVIDED: NO FIRE RESISTANCE RATING

EXTERIOR WALL PROJECTION DISTANCE (IBC TABLE 705.2):

REQUIRED: EXCEPTION - BUILDINGS ON SAME LOT NOT REQUIRED TO COMPLY PROVIDED: NO FIRE SEPARATION DISTANCE FOR PROJECTIONS.

BUILDINGS ON SAME LOT (IBC TABLE 705.3):

ASSUME IMAGINARY LINE BETWEEN BUILDINGS FOR DETERMINING REQUIRED WALL AND OPENING PROTECTION

FIRE-RESISTANCE RATINGS (IBC TABLE 705.5):

6

MIN. DISTANCE OF PROJECTION: 30FEET OR GREATER FIRE SEPARATION DISTANCE MUST HAVE NO LIMIT FOR EXPOSURE FROM BOTH SIDES. PROVIDED: BUILDING SEPARATION IS MORE THAN 30 FEET FROM ADJACENT STRUCTURES.

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ALLOWABLE AREA BASED ON FIRE SEPARATION DISTANCE (IBC TABLE 705.8): MAXIMUM PERMITTED: ALLOWABLE AREA PERMITTED FOR 30 FEET OR GREATER SEPARATION DISTANCE PROVIDED: NO LIMIT

	I	
FIRE BARRIERS: INTERIOR FIRE RESISTANCE SEPARATION (IBC SECTION 707):	PORTABLE FI	RE EXTINGUISHERS
MECHANICAL ROOM (IBC TABLE 509).1: REQUIRED: 1-HOUR FIRE RESISTANCE RATING WHERE EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT PROVIDED: NOT EXCEEDED, NOT REQUIRED	EXTINGUISHE CHEMICAL PO LOCATED SU(RS WILL BE SIZED A RTABLE FIRE EXTIN CH THAT AN OCCUP
INFORMATION TECHNOLOGY EQUIPMENT (ITE) ROOM (NFPA 75 SECTION 6.1.3.4): REQUIRED: 1-HOUR FIRE RESISTANCE RATING PROVIDED: 1-HOUR FIRE RESISTANCE RATING	IN ALL AREAS APPROPRIATE FIRE ALARM S	E HAZARD, SUCH AS
STORAGE ROOMS NOT REQUIRED TO BE SEPARATED BY SMOKE OR FIRE RESISTANCE RATED CONSTRUCTION IN	A FIRE ALARM AND FOR GRC	SYSTEM IS NOT RE DUP-S NOT SELF-STO
ACCORDANCE WITH IBC, AS THESE SPACES STORE ROUTINE OFFICE SUPPLIES.	ACCESSIBILIT ACCESSIBILIT	Y: Y MUST BE AS PER ¹
OPENING PROTECTION IN 1-HOUR WALLS, EXCLUDING SHAFT, EXIT ENCLOSURE AND EXIT PASSAGEWAY WALLS (IBC TABLE 716.1(2)): REQUIRED: 45-MINUTE FIRE DOORS PROVIDED: N/A	PLUMBING FIX PLUMBING CA REQUIRES 1 V REQUIRES LA	(TURE COUNT: LCULATIONS ARE B VATER CLOSET PER VARTORIES OF 1 PE
OPENING PROTECTION IN 2-HOUR WALLS, EXCLUDING SHAFT, EXIT ENCLOSURE AND EXIT PASSAGEWAY WALLS (IBC TABLE 716.1(2)): REQUIRED: 1 1/2-HOUR FIRE DOORS PROVIDED: N/A TO PROJECT	FOUNTAIN RE	QUIRES 1 PER 100 C
CORRIDORS (IBC 1020): REQURIED: OCCUPANT LOAD SERVED BY CORRIDOR GREATER THAN 30 MUST HAVE 1 HOUR FIRE-RESISTANCE RATING. PROVIDED: N/A	— ——	
MEANS OF EGRESS:		
OCCUPANT LOAD (IBC 1004): REQUIRED: 150 GROSS SQFT FOR BUSINESS AREAS, 500 GROSS FOR WAREHOUSES TOTAL OCCUPANT LOAD: SEE SHEET GI002	#	Room Na
NUMBER OF EXITS (IBC 1006.1): REQUIRED: 2 (OCCUPANCY LOAD DOES NOT EXCEED 600 PERSONS)		
	101	VISITORS CENTE
TWO EXITS ARE REQUIRED . THE EXITS ARE ALSO ARRANGED TO DISCHARGE DIRECTLY TO THE OUTSIDE AND CONFIGURED TO	102	CONFERENCE
PREVENT UNOCCUPIED AREAS FROM OPENING DIRECTLY INTO AN EXIT ENCLOSURE.	103	BREAK
EXIT CAPACITY (IBC SECTION 1005 3 2)	104	
REQUIRED: 32 INCHES (0.2 INCH PER OCCUPANT FOR OTHER EGRESS COMPONENTS)	105	
PROVIDED: 32 INCHES	100	
TRAVEL DISTANCE (IBC 1017 1):	108	SHOP
MAXIMUM PERMITTED: 200 FEET WITHOUT SPRINKLER SYSTEM	109	EMPLOYEE RR
MAXIMUM PROVIDED: FEET	111	SPARE PRIVATE
COMMON PATH OF TRAVEL (IBC SECTION 1016.2.1)	112	MECH.
MAXIMUM PERMITTED: 75 FEET WITHOUT SPRINKLER SYSTEM	113	PUBLIC RR
MAXIMUM PROVIDED: FEET INCHES	114	SPARE PRIVATE
DEAD-END CORRIDORS (IBC 1020.5):		
MAXIMUM PERMITTED: 20 FEET		ں۔ 1
MAXIMUM PROVIDED: 20 FEET	Grand to	otal
INTERIOR FINISHES (IBC CHAPTER 8): EXIT ENCLOSURES: CLASS A OR B		

EXILENCLUSURES: CLASS A UR EXIT ACCESS CORRIDORS: CLASS A OR B ROOMS AND ENCLOSED SPACES: CLASS A, B OR C FLOOR FINISH: CLASS I OR II SPECIFIC WALL AND FLOOR FINISHES WILL BE SHOWN ON THE INTERIOR FINISH SCHEDULE

EMERGENCY LIGHTING (IBC 1008.3.5):

4

ALL MEANS OF EGRESS, INCLUDING EXIT ACCESS CORRIDORS AND EXIT DISCHARGE WILL BE PROVIDED WITH EMERGENCY LIGHTING. EMERGENCY LIGHTING WILL BE PROVIDED VIA STANDARD FIXTURES ON THE EMERGENCY POWER SYSTEM CONNECTED TO A CENTRALIZED INVERTER SYSTEM. EMERGENCY LIGHTING WILL ALSO BE PROVIDED IN THE MECHANICAL ROOM. EMERGENCY LIGHTING WILL BE PROVIDED FOR A MINIMUM OF 1¹/₂ HOURS IN THE EVENT OF INTERNAL POWER FAILURE. AVERAGE ILLUMINATION WILL NOT BE LESS THAN 10 LUX (1-FOOT CANDLE) WITH A MINIMUM OF 1 LUX (0.1-FOOT CANDLE) AT ANY POINT.

EXIT SIGNS (IBC 1013.1):

EXIT SIGNS MUST BE INTERNALLY-ILLUMINATED LED TYPE. BACKUP POWER TO THE EXIT SIGNS WILL BE VIA A CENTRALIZED INVERTER SYSTEM CONNECTED TO THE EMERGENCY CIRCUIT. SIGNS WILL BE LOCATED AT ALL BUILDING EXITS AND WHENEVER THE DIRECTION TO THE EXIT IS NOT READILY APPARENT.

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INGUISHERS (IBC SECTION 906):

INGUISHERS REQUIRED IN GROUPS A, B, E, F, H, I, M, R-1, R-2, R-4 AND S OCCUPANCIES. PORTABLE FIRE L BE SIZED AND SPACED IN ACCORDANCE WITH NFPA 10. AT LEAST ONE CLASS 4A:80B:C RATED DRY E FIRE EXTINGUISHER WILL BE PROVIDED FOR EVERY 11,250 SQUARE FEET OF FLOOR AREA AND AT AN OCCUPANT TRAVELS NO MORE THAN 75 FEET BEFORE REACHING A PORTABLE FIRE EXTINGUISHER E. ONE CLASS 4A:80B:C RATED PORTABLE FIRE EXTINGUISHER WILL BE LOCATED WITHIN 30 FEET OF THE RD, SUCH AS THE MAIN ELECTRICAL PANEL.

1 (IBC SECTION 907):

2

EM IS NOT REQUIRED PER CODE. PER EXCEPTION FOR GROUP-B HAVING LESS THAN 500 OCCUPANT LOAD NOT SELF-STORAGE.

T BE AS PER THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

TIONS ARE BASED ON IPC TABLE 403.1 BUSINESS OCCUPANCY.

CLOSET PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50 OCCUPANTS. RIES OF 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80. DRINKING S 1 PER 100 OCCUPANTS. 1 SERVICE SINK IS REQUIRED.

				IBC	Calc
	Occupancy		Floor Area per	Occupancy	Occupant
Room Name	Classification	Area (SF)	000	Gross or Net	Load
RIOR		1498.91 SF			
		1498.91 SF			0
DRS CENTER	GROUP-B	424.53 SF	150.00 SF	Gross	3
ERENCE	GROUP-B	231.59 SF	150.00 SF	Gross	2
K	GROUP-B	169.60 SF	150.00 SF	Gross	2
LE	GROUP-B	120.59 SF	150.00 SF	Gross	1
TE OFFICE	GROUP-B	174.86 SF	150.00 SF	Gross	2
IDOR	GROUP-B	278.82 SF	150.00 SF	Gross	2
NTER	GROUP-B	103.01 SF	150.00 SF	Gross	1
	GROUP-B	111.94 SF	150.00 SF	Gross	1
OYEE RR	GROUP-B	66.97 SF	150.00 SF	Gross	1
E PRIVATE OFFICE	GROUP-B	90.25 SF	150.00 SF	Gross	1
	GROUP-B	88.66 SF	150.00 SF	Gross	1
C RR	GROUP-B	55.32 SF	150.00 SF	Gross	1
E PRIVATE OFFICE	GROUP-B	108.90 SF	150.00 SF	Gross	1
	GROUP-B	13.69 SF	150.00 SF	Gross	1
		2038.72 SF			20
		3537.63 SF			20
		3537.63 SF			20







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Code_BLDG ANALYSIS - EGRES

DOOR (0.20 INCHES PER OCCUPANT)			DOOR (0.20 INCHES PER OCCUPANT) STAIR (0.3 INCHES PER OCCUPANT)			
EXIT NU	SIZE	EGRESS WIDTH	OCCUPANT LOAD	EGRESS WIDTH	OCCUPANT LOAD	MOST STRINGENT OCCUPANT LOAD
101A	6'-0"	68	340			340
101B	3'-0"	32	160			160
106	3'-0"	32	160			160
112	6'-0"	68	340			340

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GENERAL SHEET NOTES

1 PROVIDE SEMI-RECESSED FIRE EXTINGUISHER CABINETS. PROVIDE FIRE EXTINGUISHER AT ALL FIRE EXTINGUISHER CABINETS.

- 2 SURFACE MOUNTED FIRE EXTINGUISHER CABINETS ARE REQUIRED IN MECHANICAL AND ELECTRICAL SPACES ONLY. 3 ALL ROOM OCCUPANT LOADS ARE BASED ON NFPA 101
- CALCULATIONS. 4 PROVIDE APPLICABLE SIGNAGE FOR AED AND FIRE EXTINGUISHERS AS
- REQUIRED. SEE SIGNAGE SHEETS FOR ADDITIONAL INFORMATION. 5 SEE WALL TYPES FOR WALL CONSTRUCTION AND ADDITIONAL
- INFORMATION AND RATINGS.
- 6 SEE DOOR SCHEDULE FOR DOOR/FRAME RATINGS.
- 7 REFER TO CIVIL DRAWINGS FOR THE LOCATION OF THE ADJACENT BUILDINGS.
- 8 REFER TO CIVIL DRAWINGS FOR FIRE DEPARTMENT VEHICLE ACCESS. 9 SEE SHEET GL001 FOR ADDITIONAL CODE AND LIFE SAFETY INFORMATION.
- 10 PERMANENTLY IDENTIFY WITH SIGNS OR STENCILING THAT ARE NOT LESS THAN 3 INCHES IN HEIGHT, MIN 3/8 INCH STROKE IN CONTRACTING COLOR AND LOCATED WITHIN 15 FEET OF EACH END WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY FOR FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS.

LIFE SAFETY LEGEND		
SYMBOL	DESCRIPTION	
	OPEN PERIMETER	
- 	1 HOUR FIRE WALL	
	SMOKE PARTITION	
	FIRE SEPARATION WALL	
	EGRESS PATH & DIRECTION	
	EGRESS START	
### OCC	CALCULATED OCCUPANCY	
### OCC	EGRESS CAPACITY (MAX)	
##'-##"	EGRESS DISTANCE	
AED	AUTOMATIC EXTERNAL DEFIBRILLATOR	
FEC	FIRE EXTINGUISHER CABINET	
FE	FIRE EXTINGUISHER	
\bigotimes	EXIT LIGHT	
$\mathbf{\Theta}$	EXIT LIGHT (DOUBLE SIDED)	
ţ	EXIT LIGHT WITH ARROW	
€ H	EMERGENCY LIGHT (WALL MOUNTED)	
	EXIT LIGHT (WALL MOUNTED)	
	EMERGENCY LIGHT (CEILING MOUNTED)	









	GF	NERAL CIVIL NOTES	GENERAL EROSION AND SEDIMENT (
	<u>UL</u> 1.	ALL WORK MUST BE PERFORMED IN STRICT COMPLIANCE WITH THE MOST CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS, INCLUDING BUT NOT LIMITED TO, ENVIRONMENTAL PROTECTION AGENCY (EPA), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAPS), AND NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH).	THE PURPOSE OF THE EROSION CONTROL MEASURES OF ALL WATERBORNE SEDIMENTS RESULTING FROM O PROPERTIES OR STATE WATERS. IF FIELD INSPECTION SEDIMENT TO THE PROJECT SITE, APPROPRIATE MOD DEFICIENCIES.
E	2.	WHEN DURING THE COURSE OF CONSTRUCTION, ANY OBJECT OF AN UNUSUAL NATURE IS ENCOUNTERED, CEASE WORK IN THAT AREA AND IMMEDIATELY NOTIFY THE CONTRACTING OFFICER.	 THE CONTRACTOR MUST BE THOROUGHLY FAMI PERTINENT TO THE PROJECT. MAINTENANCE WII SUBCONTRACTOR INCLUDING THOSE OF THE PU SEDIMENT CONTROL DEVICES NOT LOCATED IN
	3.	GRADING, EXCAVATING, AND CONSTRUCTION OF THE PROJECT MUST NOT COMMENCE UNTIL THE APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE AS SPECIFIED	 SEDIMENT CONTROL DEVICES NOT LOCATED IN CONSTRUCTED PRIOR TO ALL OTHER LAND DIST SURFACE FLOWS OVER CUT AND FILL SLOPES M TRAVERSING THE SLOPES.
	4.	PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES IN ALL GRADED AREAS.	4. SEDIMENT CONTROL MEASURES MAY REQUIRE N TO ENSURE THEIR INTENDED PURPOSE IS ACCO REQUIRED FOR OTHER DEVIATION FROM THE AP
	5.	IF PORTABLE TOLIETS ARE NECESSARY FOR THE CONSTRUCTION OF THE PROJECT, LOCATE A MINIMUM OF 25 FEET AWAY FROM THE NEAREST STORMWATER FEATURE (INLET, SWALE, POND, ETC.).	5. TEMPORARY STOCKPILES OF SOIL / TOPSOIL EX AT A TEMPORARY LOCATION IN ACCORDANCE W
	6.	A SMOOTH GRADE MUST BE MAINTAINED FROM EDGE OF EXISTING PAVEMENT TO CURB AND GUTTER AND/OR PAVEMENT TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF ANY WATER ON THE PAVEMENT. REMOVE AND RECONSTRUCT EXISTING PAVEMENT AND/OR CURB AS DICTATED BY FIELD CONDITIONS TO PROVIDE POSITIVE	 TEMPORARY VEGETATIVE COVER MUST BE PRO' PAVING, UNDERGROUND UTILITIES, OR STRUCTU PERIODS EXCEEDING 14 DAYS. TEMPORARY VEG VEGETATIVE COVER IF CONSTRUCTION AND SEA ALL AREAS DESIGNATED FOR PAVING, UNDERGR
	7.	DRAINAGE AT TIE-IN-POINTS. ALL SOLID WASTE, HAZARDOUS WASTE, AND HAZARDOUS MATERIALS MUST BE MANAGED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.	COMPACTED, SEEDED, AND MULCHED AS SOON INSTALLATION. NO MORE THAN 500' OF UTILITY T 8. THE TERM SEEDING, FINAL VEGETATIVE COVER SUCCESSFUL GERMINATION AND ESTABLISHMEN SEEDBED CONTAINING THE SPECIFIED AMOUNTS
	8.	ALL EXISTING UTILITIES MAY OR MAY NOT BE SHOWN IN THEIR EXACT LOCATION. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION.	9. INLET PROTECTION MUST BE PROVIDED FOR ALL
D	9.	REPAIR ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AND NOTIFY THE CONTRACTING OFFICER OF THE DAMAGE.	 BASE COURSE MATERIAL MUST BE PLACED IN AL TEMPORARY EROSION CONTROL MEASURES AR STABILIZED. AFTER STABILIZATION IS COMPLETE
	10.	LENGTHS OF LINES INDICATED ON THE DRAWINGS FOR UTILITY SYSTEMS ARE APPROXIMATE ONLY. DETERMINE THE EXACT AMOUNT OF PIPING REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM IN ACCORDANCE WITH THE INTENT OF THE DRAWINGS.	 TRAPPED SEDIMENT MUST BE SPREAD AND SEE 12. SEED AND MULCH AND PROVIDE TOPSOIL TO ALI PAVEMENT.
	11.	SUBMIT A UTILITY OUTAGE REQUEST A MINIMUM OF SEVEN (7) DAYS IN ADVANCE OF ANY UTILITY OUTAGE.	
	12.	PHASE CONSTRUCTION IN ORDER TO MINIMIZE DISRUPTION TO UTILITIES DURING INSTALLATION, DEMOLITION, AND REMOVAL.	1. A MINIMUM COVER OF THREE (3) FEET IS REQUIRE
	13.	GEOTECHNICAL INFORMATION IS CONTAINED IN A REPORT PREPARED BY ECS SOUTHEAST,	DESIGN PROFILE.
		TEST RESULTS ARE INCLUDED FOR REFERENCE IN THE PROJECT MANUAL.	 XERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAV.
	14.	THE CONTRACTOR MUST PROCURE AND MAINTAIN AN ECS GEOTECHNICAL RESPRESENTATIVE ON-SITE FULL TIME DURING EARTHWORK AND FOUNDATION CONSTRUCTION ACTIVITIES. THE GEOTECHNICAL REPRESENTATIVE MUST VERIFY COMPLIANCE WITH THE PROJECT'S GEOTECHNICAL REPORT AND REQUIDE REMEDIAL ACTIONS AS REQUIRED.	4. REPAIR ANY ACTIVE UTILITIES DAMAGED DURING COST TO THE GOVERNMENT.
С	15.	LOW CONSISTENCY AND MOISTURE SENSITIVE SOILS, THAT MUST BE UNDERCUT, REMOVED, AND REPLACED, ARE EXPECTED TO BE ENCOUNTERED ON SITE. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT AND THE	5. LENGTHS OF LINES INDICATED ON THE DRAWINGS THE EXACT AMOUNT OF PIPING REQUIRED TO FUR THE INTENT OF THE DRAWINGS.
0	16	PROJECT SPECIFICATIONS WHEN PERFORMING EXCAVATIONS AND PREPARING THE SUBGRADE UNDER SIDEWALKS AND PAVEMENTS.	 PHASE CONSTRUCTION IN ORDER TO MINIMIZE DIS AND REMOVAL. COORDINATE ALL UTILITY DISCOM RECONNECTION OF UTILITIES MUST BE COORDINA RECONNECTION PLAN AFTER CONTRACT AWARD.
			7. CONSTRUCTION OF WATER AND SEWER LINES MU CONSTRUCTION REQUIREMENTS.
	-		GENERAL CONSTRUCTION SEQUENC
	HOR	IZONTAL CONTROL: ALABAMA STATE PLANE COORDINATE SYSTEM (WEST ZONE)	SEE SPECIFICATION SECTION 01 10 00 SUMMARY OF W
	ROB DATI	OTIC TOTAL STATION: TOPCON UM: NAD 1983(CONUS)	1. DEMOLITION OF EXISTING OFFICE TRAILER TO BE
	GEO CON	ID MODEL: G2018U7 VERGENCE: -0.15799444 IBINED SCALE FACTOR: 0.99994834	2. PROVIDE TEMPORARY POWER TO EXISTING PARK
	*ALL	COORDINATES REPORTED AND DRAWING PROVIDED IN ASP	 DEMOLISH OVERHEAD POWER AND UTILITY POLE. CLEAR STUMPS AND GRUB THE SITE (TREES WILL
В			5. COMPLETE OTHER DEMOLITION AND SITEWORK. C ACCESS TO THE EXISTING OFFICE BUILDING THRC
			6. PROVIDE 1 MONTH NOTICE PRIOR TO DEMOLITION
			7. DISCONNECT UTILITIES FROM EXISTING OFFICE BI
			8. DEMOLISH EXISTING OFFICE BUILDING.
			9. FINISH GRADING AND PARKING LOT CONSTRUCTION
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AL EROSION AND SEDIMENT CONTROL NOTES

DSE OF THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS IS TO PRECLUDE THE TRANSPORT ERBORNE SEDIMENTS RESULTING FROM CONSTRUCTION ACTIVITIES FROM ENTERING ONTO ADJACENT S OR STATE WATERS. IF FIELD INSPECTION REVEALS THE INADEQUACY OF THE PLAN TO CONFINE TO THE PROJECT SITE, APPROPRIATE MODIFICATIONS WILL BE MADE TO CORRECT ANY PLAN

CONTRACTOR MUST BE THOROUGHLY FAMILIAR WITH ALL APPROVED PROCEDURES, WHICH MAY BE INENT TO THE PROJECT. MAINTENANCE WILL INCLUDE THE REPAIR OF MEASURES DAMAGED BY ANY ONTRACTOR INCLUDING THOSE OF THE PUBLIC UTILITY COMPANIES.

MENT CONTROL DEVICES NOT LOCATED IN PROPOSED FILL OR EXCAVATION AREAS MUST BE STRUCTED PRIOR TO ALL OTHER LAND DISTURBANCE.

ACE FLOWS OVER CUT AND FILL SLOPES MUST BE CONTROLLED BY REDIRECTING FLOWS FROM

MENT CONTROL MEASURES MAY REQUIRE MINOR FIELD ADJUSTMENTS AT THE TIME OF CONSTRUCTION SURE THEIR INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTING OFFICER APPROVAL WILL BE IRED FOR OTHER DEVIATION FROM THE APPROVED PLANS.

ORARY STOCKPILES OF SOIL / TOPSOIL EXCAVATED DURING SITE CONSTRUCTION MUST BE KEPT ONSITE TEMPORARY LOCATION IN ACCORDANCE WITH STATE AND FEDERAL LAW.

ORARY VEGETATIVE COVER MUST BE PROVIDED IN ALL AREAS WHICH ARE NOT DESIGNATED FOR IG, UNDERGROUND UTILITIES, OR STRUCTURAL USES. SUCH AREAS MUST NOT BE EXPOSED FOR DDS EXCEEDING 14 DAYS. TEMPORARY VEGETATIVE COVER MAY BE ELIMINATED IN FAVOR OF FINAL TATIVE COVER IF CONSTRUCTION AND SEASONAL CONDITIONS PERMIT.

REAS DESIGNATED FOR PAVING, UNDERGROUND UTILITIES, AND STRUCTURAL USE MUST BE PACTED, SEEDED, AND MULCHED AS SOON AS POSSIBLE BUT NOT EXCEEDING 14 DAYS FOLLOWING ALLATION. NO MORE THAN 500' OF UTILITY TRENCHES ARE TO BE OPEN AT ONE TIME.

ERM SEEDING, FINAL VEGETATIVE COVER OR STABILIZATION, ON THIS PLAN MUST MEAN THE ESSFUL GERMINATION AND ESTABLISHMENT OF A STABLE GRASS COVER FROM A PROPERLY PREPARED BED CONTAINING THE SPECIFIED AMOUNTS OF SEED, LIME, AND FERTILIZER. IRRIGATION MUST BE IIRED AS NECESSARY TO ENSURE ESTABLISHMENT OF GRASS COVER.

PROTECTION MUST BE PROVIDED FOR ALL CULVERTS AS SOON AS PRACTICAL.

COURSE MATERIAL MUST BE PLACED IN ALL PAVED AREAS WITHIN 30 DAYS OF FINAL GRADING. ORARY EROSION CONTROL MEASURES ARE NOT TO BE REMOVED UNTIL ALL DISTURBED AREAS ARE ILIZED. AFTER STABILIZATION IS COMPLETE, ALL MEASURES MUST BE REMOVED WITHIN 30 DAYS. PED SEDIMENT MUST BE SPREAD AND SEEDED.

AND MULCH AND PROVIDE TOPSOIL TO ALL DISTURBED AREAS THAT WILL NOT BE COVERED WITH

MUM COVER OF THREE (3) FEET IS REQUIRED OVER PROPOSED LINES UNLESS SHOWN OTHERWISE IN

ISTING UTILITIES MAY OR MAY NOT BE SHOWN IN THEIR EXACT LOCATION.

ALL UTILITY LOCATIONS PRIOR TO EXCAVATION.

R ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AND NOTIFY THE COR OF THE DAMAGE AT NO

HS OF LINES INDICATED ON THE DRAWINGS FOR UTILITY SYSTEMS ARE APPROXIMATE ONLY. DETERMINE ACT AMOUNT OF PIPING REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM IN ACCORDANCE WITH

CONSTRUCTION IN ORDER TO MINIMIZE DISRUPTION TO UTILITIES DURING INSTALLATION, DEMOLITION, EMOVAL. COORDINATE ALL UTILITY DISCONNECTION AND DEMOLITION. ALL TRANSITION AND NECTION OF UTILITIES MUST BE COORDINATED WITH OWNER. COORDINATE FINAL TRANSITION AND INECTION PLAN AFTER CONTRACT AWARD.

RUCTION OF WATER AND SEWER LINES MUST BE IN ACCORDANCE WITH DECATUR UTILITIES

AL CONSTRUCTION SEQUENCE

FICATION SECTION 01 10 00 SUMMARY OF WORK.

ITION OF EXISTING OFFICE TRAILER TO BE COMPLETED BY OTHERS PRIOR TO THIS PROJECT.

DE TEMPORARY POWER TO EXISTING PARKING CANOPY EAST OF THE REMOVED OFFICE TRAILER.

STUMPS AND GRUB THE SITE (TREES WILL HAVE BEEN REMOVED PRIOR TO THIS PROJECT)

ETE OTHER DEMOLITION AND SITEWORK. CONSTRUCT NEW BUILDING. MAINTAIN VISITOR PARKING TO THE EXISTING OFFICE BUILDING THROUGHOUT CONSTRUCTION.

DE 1 MONTH NOTICE PRIOR TO DEMOLITION OF THE EXISTING OFFICE BUILDING BY OTHERS.

4

NNECT UTILITIES FROM EXISTING OFFICE BUILDING.

GRADING AND PARKING LOT CONSTRUCTION.

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ABBREVIATIONS

COMMUNICATION CONCRETE EASTING ELEVATION FINISHED FLOOR ELEVATION FORCEMAIN LIMITS OF DISTURBANCE NORTHING OVERHEAD POWER **ŠANITARY SEWER** WATER

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DESIGN	EXISTING	
		EDGE OF VEGETATION
		MAJOR CONTOURS
		MINOR CONTOURS
<u> </u>		CHAIN LINK FENCE
W		WATER LINE
FM		SANITARY SEWER FORCEMAIN
OHE	OHP OHP	OVERHEAD ELECTRIC
	TTT	BURIED FIBER
LOD		LIMITS OF CONSTRUCTION
		TREELINE
		BUILDING OVERHANG
		EDGE OF PAVEMENT
•/ •/ •		DEMOLISH UTILITY
	ВМ	BENCHMARK
	TV	CABLE TV JUNCTION BOX
		CLOSED CIRCUIT SECURITY CAMERA
	C	COMMUNICATIONS JUNCTION PEDESTA
	400	FIRE HYDRANT
		IRON PIPE
	S	SANITARY SEWER DOSING TANK
\bullet		SANITARY SEWER MANHOLE
		SIGN
۶	×	UTILITY POLE
	Ŵ	WATER METER /VALVE

CONCRETE BUILDING DEMOLITION PAVEMENT GRAVEL

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CIVIL NOTES SHT. NO. REV. NO. C-001

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230182

05/02/2024

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DATE:





GENERAL PLAN NOTES

- 1. SEE SHEET C-001 FOR CIVIL NOTES, LEGENDS, AND ABBREVIATIONS
- 2. KEEP EXISTING BUILDING OPERATIONAL UNTIL NEW BUILDING IS COMPLETE

	DEMOLITION NOTES
1	CLEAR STUMPS AND GRUB THIS AREA. AREA TO BE CLEARED OF TREES AND STRUCTURES BY OTHERS PRIOR TO CONSTRUCTION
2	DEMOLISH AND REMOVE FENCE. STOP DEMOLITION AT THE NEXT EXISTING FENCE POST
3	REMOVE OVERHEAD ELECTRIC
4	TREE TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION
5	DEMOLISH AND REMOVE POWER POLE; COORDINATE WITH LOCAL UTILITY
6	REMOVE LANDSCAPING

- 7 REMOVE GATE 8 REMOVE UNDERGROUND COMMUNICATION 9 DEMOLISH AND REMOVE SIGN
- 10 DEMOLISH AND REMOVE PAVEMENT. REPLACE WITH GRAVEL TO MAINTAIN PARKING LOT FOR EXISTING BUILDING 11 DEMOLISH AND REMOVE CONCRETE
- 12 REMOVE EQUIPMENT AND CONCRETE PAD
- 13 BUILDING TO BE DEMOLISHED BY OTHERS
- 14 DEMOLISH AND REMOVE SANITARY MANHOLE AND PUMP 15 OFFICE TRAILER TO BE DEMOLISHED BY OTHERS 16 SAWCUT PAVEMENT
- 17 REMOVE FLAG POLE



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FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		BON SECOUR VISITOR	CENTER & ADMINISTRATION	12295 STRONG RD. GULF SHORES, AL 36542
				REVISION DESCRIPTION
				DATE
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GENERAL PLAN NOTES

- 1. SEE SHEET C-001 FOR SITE NOTES, LEGENDS, AND ABBREVIATIONS
- 2. 19 TOTAL PARKING SPACES PROVIDED, INCLUDING 2 VAN ACCESSIBLE SPACES

$\langle x \rangle$	WORK NOTES	
		DETAIL
1	INSTALL NEW FENCE LINE AND CONNECT TO BUILDING. CONNECT TO EXISTING FENCE POST. FENCE TO MATCH EXISTING	1/C-501
2	VEHICLE GATE	2/C-501
3	CONCRETE SIDEWALK	6,12/C-501
4	EQUIPMENT PAD	11/C-501
5	PAVEMENT	5/C-501
6	ACCESSIBLE PARKING SPACES	7,8,9/C-501
7	PAVEMENT TRENCH	3/C-502
8	PRECAST CONCRETE WHEEL STOP	4/C-501



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	CO	ORDINAT	E POINTS
POINT #	NORTHING	EASTING	DESCRIPTION
1	92,010.85	1,869,526.64	BUILDING CORNER
2	91,988.37	1,869,560.85	SIDEWALK CORNER
3	91,988.37	1,869,509.35	SIDEWALK CORNER
4	91,983.37	1,869,509.35	SIDEWALK CORNER
5	91,983.37	1,869,599.35	SIDEWALK CORNER
6	91,988.37	1,869,599.35	SIDEWALK CORNER
7	91,996.67	1,869,482.09	PAVEMENT END
8	91,983.90	1,869,483.03	PAVEMENT POINT OF CURVATURE
9	91,965.37	1,869,502.98	PAVEMENT POINT OF TANGENCY
10	91,965.37	1,869,504.35	PAVEMENT POINT OF CURVATURE
11	91,970.37	1,869,509.35	PAVEMENT POINT OF TANGENCY
12	91,970.37	1,869,599.35	PAVEMENT POINT OF CURVATURE
13	91,965.37	1,869,604.35	PAVEMENT CORNER
14	91,941.37	1,869,604.35	PAVEMENT POINT OF CURVATURE
15	91,936.37	1,869,599.35	PAVEMENT POINT OF TANGENCY
16	91,923.37	1,869,599.35	PAVEMENT CORNER
17	91,923.37	1,869,509.32	PAVEMENT CORNER
18	91,936.37	1,869,509.32	PAVEMENT POINT OF CURVATURE
19	91,941.37	1,869,504.32	PAVEMENT POINT OF TANGENCY
20	91,941.37	1,869,497.94	PAVEMENT POINT OF CURVATURE
21	91,921.37	1,869,477.94	PAVEMENT POINT OF TANGENCY
22	91,915.78	1,869,477.94	PAVEMENT END
23	91,988.37	1,869,566.86	SIDEWALK CORNER

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GENERAL PLAN NOTES

1. SEE SHEET C-001 FOR CIVIL NOTES, LEGENDS, AND ABBREVIATIONS

$\left \left< X \right> \right $	WORK NOTES	
		DETAIL
1	1.25" PVC SANITARY SEWER FORCEMAIN	
2	SANITARY SEWER PUMP STATION	2/C-502
3	2.5" PVC WATER LINE	
4	2.5" PVC WATER LINE 90° BEND	
5	2.5" PVC WATER LINE 45° BEND	
6	2.5" PVC WATER LINE 22.5° BEND	
7	CONNECT TO EXISTING GULF SHORES UTILITIES WATER LINE ON THE NORTH SIDE OF FORT MORGAN ROAD (TOTAL WATER LINE LENGTH APPROXIMATELY 520 FEET).	
8	CONNECT TO EXISTING GULF SHORES UTILITIES SANITARY SEWER ON THE NORTH SIDE OF FORT MORGAN ROAD (TOTAL FORCE MAIN LENGTH APPROXIMATELY 400 FEET).	



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FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
	DESCRIPTION
	REVISION
	DATE
	MRK
COMM NO:	230182
DATE: 0	5/02/2024
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	Constant Progress 5901 Peachtree Dunwoody Road, Building C Suite 515	Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
FISH & WILDLIFE SERVICE		ALL
No.	N 50 7	
FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION	12295 STRONG RD. GULF SHORES, AL 36542
		REVISION DESCRIPTION
COMM NO: DATE: 05 DRAWN: MKA CHECK: GKT SHEET TITLE	230182 5/02/2024 DESIGN: SM	MRK DATE
CIVIL D	ETAILS	

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	<u>A. G</u> 1 2	ENERAL STRUCTURAL GENERAL NOTES ARE INTENDED TO HIGHLIGHT OR IN PROJECT SPECIFICATIONS FOR COMPLETE WORK COVERAGE. THE DESIGN OF THE STRUCTURE COMPLIES WITH THE INTERNATION CODE.	I SOME CASES SUPPLEMENT PROJECT SPECIFICATIONS. REFER TO THE NAL BUILDING CODE 2021 AS ADOPTED BY THE 2021 ALABAMA BUILDING
	3	. GRAVITY DESIGN LOADS ARE AS FOLLOWS:	
E		a. SUPERIMPOSED DEAD LOADS: FINISHES MECHANICAL AND CEILING ROOFING – MECHANICALLY FASTENED SINGLE PLY SPRINKLER SYSTEMS	ACTUAL 5 PSF 1 PSF AS REQ'D (3 PSF MIN)
		b. LIVE LOADS: MECHANICAL SPACE STORAGE – LIGHT ASSEMBLY AREAS – MOVEABLE SEATS LOBBIES LATRINES, HEADS, TOILETS OFFICE SPACE ROOF – MINIMUM	150 PSF 125 PSF 100 PSF 100 PSF 70 PSF 50 PSF 20 PSF
_	4	. HANDRAILS AND GUARDS RAILS MUST BE DESIGNED FOR A LINEAR POUNDS, EACH APPLIED NON-CONCURRENTLY TO THE TOP OF THE BALUSTERS, PANEL FILLERS, AND GUARDRAIL INFILL COMPONENTS DESIGNED FOR A HORIZONTAL LOAD OF 50 POUNDS OVER A 12 INCI	LOAD OF 50 POUNDS PER FOOT OR CONCENTRATED LOAD OF 200 HANDRAIL, IN ANY DIRECTION TO CREATE THE WORST LOAD EFFECT. , INCLUDING ALL RAILS EXCEPT THE HANDRAIL AND TOP RAIL, MUST BE H BY 12 INCH AREA LOCATED TO CREATE THE WORST LOAD EFFECT.
	5	. IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECT CONCENTRATED LOADS ASSUMED ACTING UNIFORMLY ON A 2-1/2 F IN STRUCTURAL MEMBERS.	TION 1607.4, THE FLOOR SYSTEM IS DESIGNED TO WITHSTAND EET SQUARE AREA AND LOCATED TO PRODUCE THE MAXIMUM EFFECT
	6	. THE DESIGN OF THE STRUCTURE TO RESIST SNOW LOADS IS IN ACC AND ASCE 7, CHAPTER 7	CORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECTION 1608
		GROUND SNOW LOAD FLAT ROOF SNOW LOAD EXPOSURE FACTOR IMPORTANCE FACTOR ROOF THERMAL FACTOR ROOF SLOPE FACTOR	$P_{g} = 0.0 \text{ PSF} P_{f} = 0.0 \text{ PSF} C_{e} = 1.0 I_{s} = 1.0 C_{t} = 1.0 C_{s} = 1.0 $
D	7	. THE DESIGN OF THE STRUCTURE TO RESIST WIND PRESSURES IS IN WHICH IS BASED ON ASCE 7, CHAPTER 26. DESIGN INFORMATION IS	N ACCORDANCE WITH INTERNATIONAL BUILDING CODE'S SECTION 1609.0, AS FOLLOWS:
		DESIGN WIND SPEED (ULTIMATE) DESIGN WIND SPEED (SERVICE) RISK CATEGORY WIND EXPOSURE CATEGORY FOR MWFRS INTERNAL PRESSURE COEFFICIENT COMPONENTS AND CLADDING PRESSURE	V = 160 MPH V_{ASD} = 124 MPH II D GC _{PI} = \pm 0.18 SEE PLANS
	8	. THE DESIGN OF THE STRUCTURE TO RESIST RAIN LOADS IS IN ACCO AND ASCE 7 CHAPTER 8. THE 60-MINUTE RAIN INTENSITY, I, IS 4.94 IN	ORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECTION 1611, I/HR.
	9	. THE DESIGN OF THE STRUCTURE TO RESIST SEISMIC FORCES IS IN AND ASCE 7, CHAPTERS 11 TO 18:	ACCORDANCE WITH INTERNATIONAL BUILDING CODE'S SECTION 1613,
		RISK CATEGORY IMPORTANCE FACTOR MAPPED SPECTRAL RESPONSE ACCELERATIONS	II I _e = 1.0
		SHORT PERIODS (T=0.2 s) LONG PERIODS (T=1.0 s) SITE CLASS	S _S = 0.085g S ₁ = 0.055g D
		DESIGN SPECTRAL RESPONSE ACCELERATIONS SHORT PERIODS (T=0.2s) LONG PERIODS (T=1.0s)	S _{DS} = 0.09g S _{D1} = 0.087g
		SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE RESISTING SYSTEM RESPONSE MODIFICATION FACTOR	B STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE R= 3.0
с		DESIGN BASE SHEAR ANALYSIS PROCEDURE	Cs = 0.03 V = 10.0 KIPS EQUIVALENT LATERAL FORCE
	1	0.IMPOSED CONSTRUCTION LOADS IN EXCESS OF STATED DESIGN LC THE IMPOSITION OF SUCH LOADS.	DADS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO
	1	1. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS MUST DETER DOCUMENTS TAKEN AS A WHOLE. THE STRUCTURAL DRAWINGS MU STRUCTURAL WORK. DUE CONSIDERATION MUST BE GIVEN TO OTH INCLUDING NECESSARY COORDINATION DESCRIBED OR IMPLIED BY	RMINE THE SCOPE OF THE STRUCTURAL WORK FROM THE CONTRACT JST NOT BE CONSIDERED SEPARATELY FOR PURPOSES OF BIDDING THE IER STRUCTURAL WORK OR WORK RELATED TO THE STRUCTURE, ' THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
	1	2. THE REPRODUCTION OF THE STRUCTURAL CONTRACT DOCUMENTS PROHIBITED.	
_	1	SCALING OF THE DRAWINGS AND TO CENERAL INFORMATION 4.DETAILS. SECTIONS AND NOTES SHOWN ON THESE DRAWINGS ARE	INTENDED TO BE TYPICAL AND MUST APPLY TO SIMILAR CONDITIONS
	1	ELSEWHERE UNLESS OTHERWISE SHOWN OR NOTED. 5.STRUCTURAL MEMBERS HAVE BEEN LOCATED AND DESIGNED TO A	CCOMMODATE THE MECHANICAL EQUIPMENT AND OPENINGS SPECIFIED
		BY THE MECHANICAL ENGINEER. ANY SUBSTITUTIONS RESULTING IN CONTRACTOR TO COORDINATE WITH THE STRUCTURAL ENGINEER.	N REVISIONS TO THE STRUCTURE MUST BE THE RESPONSIBILITY OF THE
	1	6.COORDINATE STRUCTURAL SUPPORT LOCATIONS WITH EQUIPMEN MANUFACTURER AND PER BUILDING CODE.	
в	I	ELECTRICAL, AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INS SIDE DIMENSION OR DIAMETER OF 12 INCHES OR LESS MUST NOT R OTHERWISE. LOCATION OF SLEEVES OR OPENINGS IN STRUCTURAL APPROVAL.	ERTS, ETC. NOT HERIN INDICATED. OPENINGS IN SLABS WITH A MAXIMUM REQUIRE ADDITIONAL FRAMING OR REINFORCEMENT, UNLESS NOTED MEMBERS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR
	1	8. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION RESULT OF ACCEPTANCE OF CONTRACTOR PROPOSED ALTERNATI	OF ALL RESULTING REVISIONS TO THE STRUCTURAL SYSTEM AS A VES OR SUBSTITUTIONS.
	1	9. THE GENERAL CONTRACTOR (OR CONSTRUCTION MANAGER) MUST THE CONTRACT DOCUMENTS FOR APPROVAL. THE STRUCTURAL EN CERTIFICATION AND DESIGN OF THE PROJECT IF THE GENERAL COI DRAWINGS ARE REVIEWED AS A CONVENIENCE TO THE GENERAL C CONTRACTOR MUST STATE ON THE SHOP DRAWINGS THAT CONTRA DIMENSIONS, CONDITIONS, AND QUANTITIES HAVE BEEN REVIEWED DRAWINGS.	SUBMIT SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON NGINEER WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL NTRACTOR FAILS TO OBTAIN APPROVAL OF THE SHOP DRAWINGS. SHOP CONTRACTOR AND ARE NOT A CONTRACT DOCUMENT. THE GENERAL ACT DOCUMENT REQUIREMENTS HAVE BEEN MET AND THAT ALL AND VERIFIED AS SHOWN AND/OR CORRECTED ON THE SHOP
	2	0.THE CONTRACTOR MUST BE RESPONSIBLE FOR PROVIDING TEMPO LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THER	RARY BRACING AND SHORING, AS REQUIRED, TO ENSURE VERTICAL AND EOF DURING CONSTRUCTION.
_	_ 2	1. TEMPORARY BRACING MUST BE PROVIDED FOR ALL WALLS SUBJEC ELEMENT ABOVE IS IN PLACE.	CT TO UNBALANCED BACKFILL. BRACE WALL PLUMB UNTIL STABILIZING
	2	2.ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR S BRACED DURING CONSTRUCTION.	SYSTEMS. CONTRACTOR MUST ENSURE THAT WALLS ARE ADEQUATELY
	2 2	3.ALL COLUMNS AND FOOTINGS MUST BE CENTERED ON GRIDLINES I 4.THE STRUCTURE HAS BEEN DESIGNED FOR THE IN-SERVICE LOADS	N EACH DIRECTION, UNLESS NOTED OTHERWISE.
	2	CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. S NOT BE REMOVED BEFORE THE CONCRETE HAS GAINED SUFFICIEN LOADS WHICH WOULD BE SUBSEQUENTLY APPLIED. THE CONTRAC ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CO	THE RESPONSIBILITY OF THE CONTRACTOR, THE CONSTRUCTION MUST STRENGTH TO SAFELY SUPPORT THE DEAD AND SUPERIMPOSED TOR MUST TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND DISTRUCTION.
A	2	TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE TH	A STATE ALL STATE CONTRACTOR MUST HE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
	2	STANDARDS FOR STEEL ERECTION; FINAL RULE.	TURAL ELEMENTS SUCH AS, BUT NOT LIMITED TO THE FOLLOWING:
		MULLIONS, RAILINGS AND COLD-FORMED STEEL FRAMING TO MEET CALCULATIONS AND SHOP DRAWINGS WITH THE RESPONSIBLE ENC CONSTRUCTION TAKES PLACE.	I HE REQUIREMENTS OF THE LOCAL GOVERNING JURISDICTION. SUBMIT GINEER'S SEAL AND SIGNATURE FOR THE STATE WHERE THE
	2	8.DELEGATED DESIGN ITEMS IDENTIFIED IN THE CONSTRUCTION DRA THE REQUIREMENTS OF THE LOCAL GOVERNING JURISDICTION. SU ENGINEER'S SEAL AND SIGNATURE FOR THE STATE WHERE THE CC	WINGS MUST BE ENGINEERED BY A REGISTERED ENGINEER TO MEET JBMIT CALCULATIONS AND SHOP DRAWINGS WITH THE RESPONSIBLE INSTRUCTION TAKES PLACE.

B. FOUNDATIONS AND EARTHWORK

- 1. GEOTECHNICAL INFORMATION IS CONTAINED IN A REPORT PREPARED BY ECS SOUTHEAST, LLC, REPORT NUMBER 30:2598, DATED FEBRUARY 12, 2024. BORING LOGS AND LABORATORY TEST RESULTS ARE INCLUDED FOR REFERENCE IN THE PROJECT MANUAL.
- 2. THE CONTRACTOR MUST PROCURE AND MAINTAIN AN ECS GEOTECHNICAL RESPRESENTATIVE ON-SITE FULL TIME DURING EARTHWORK AND FOUNDATION CONSTRUCTION ACTIVITIES. THE GEOTECHNICAL REPRESENTATIVE MUST VERIFY COMPLIANCE WITH THE PROJECT'S GEOTECHNICAL REPORT, CONFIRM ALLOWABLE BEARING PRESSURE, AND PROVIDE REMEDIAL ACTIONS, AS REQUIRED.
- 3. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT AND THE PROJECT SPECIFICATIONS WHEN PERFORMING EXCAVATIONS, FOOTING CONSTRUCTION, AND PREPARING THE SUBGRADE UNDER THE SLAB ON GRADE.
- 4. LOW CONSISTENCY AND MOISTURE SENSITIVE SOILS ARE EXPECTED TO BE ENCOUNTERED ON SITE. AREAS OF THE SITE WITH THESE SOILS MUST BE DENSIFIED PRIOR TO PLACEMENT OF STRUCTURAL FILL. BEFORE STRUCTURAL FILL IS PLACED, DENSIFIED AREAS MUST BE PROOFROLLED UNDER THE OBSERVATION OF AN ECS ENGINEER. IF DENSIFIED SOILS EXHIBIT EXCESSIVE MOVEMENT OR DEFLECTION DURING PROOFROLLING THAN THE SOIL MUST BE UNDERCUT AND REPLACED WITH STRUCTURAL FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT
- 5. CONTRACTOR MUST PROVIDE SITE DRAINAGE AND DEWATERING PLAN AT THE ONSET AND DURING CONSTRUCTION IN ACCORANCE WITH THE GEOTEHCANIAL REPORT AND PROJECT SPECIFICATIONS. CONSTRUCTION TRAFFIC MUST BE MINIMIZED ACROSS THE SITE DURING WET PERIODS TO MITIGATE STRENGTH LOSE OF SITE SOILS.
- 6. THE FOUNDATION DESIGN FOR THE STRUCTURE IS FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 1,500 PSF. FOUNDATIONS EXPOSED TO FROST MUST BEAR A MINIMUM OF 24 INCHES BELOW FINISHED GRADE.
- 7. DO NOT OVER EXCAVATE THE FOOTPRINT OF SPREAD FOOTINGS, STRIP FOOTINGS, OR OTHER SOIL FORMED FOUNDATION ELEMENTS. IF OVER EXCAVATION IS REQUIRED BEYOND THE 4 INCH CONSTRUCTION TOLERANCE, FORM THE SIDES OF THE FOOTING.
- 8. CLEAN AND TAMP SHALLOW FOUNDATION EXCAVATIONS TO A UNIFORM SURFACE. PLACE FOUNDATION CONCRETE THE SAME DAY THAT PROPER EXCAVATION AND BEARING PRESSURE CAPACITY IS ACHIEVED AND APPROVED BY THE GEOTECHNICAL REPRESENTATIVE. IF THE FOUNDATION EXCAVATION MUST REMAIN OPEN OVERNIGHT, OR IS SUBJECT TO RAIN, PROVIDE A 3" THICK MUD MAT OF LEAN CONCRETE OVERTOP THE EXPOSED BEARING SOILS. REMOVE ANY WATER FROM FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF FOUNDATION CONCRETE.
- 9. PLACE CONCRETE FOR WALL FOOTINGS MONOLITHICALLY WITH COLUMN FOOTINGS. CONSTRUCTION JOINTS IN WALL FOOTINGS MUST BE MADE ONLY MIDWAY BETWEEN COLUMN FOOTINGS UNLESS OTHERWISE NOTED OR DIRECTED BY GEOTECHNICAL REPRESENTATIVE. PROVIDE A CONSTRUCTION JOINT, IN ACCORDANCE WITH DETAIL ON S-501, WHERE CONTINUOUS FOOTINGS TRANSITION FROM EXISTING SOIL TO NEWLY PLACED AND COMPACTED FILL. FINAL LOCATIONS OF ALL CONSTRUCTION JOINTS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PLACEMENT.

10.ALWAYS PROVIDE POSITIVE SURFACE WATER DRAINAGE AWAY FROM THE STRUCTURE.

C. SOIL SUPPORTED SLABS

- 1. FILL THAT SUPPORTS SLABS MUST HAVE A MAXIMUM PLASTICITY INDEX OF <10. PREPARE, PLACE AND COMPACT AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
- 2. FOR SOIL SUPPORTED SLABS, PROPERLY COMPACT AND PROOFROLL SUBGRADE AS RECOMMENDED IN THE GEOTECHNICAL REPORT. MAINTAIN THE SUBGRADE FREE OF STANDING WATER, MUD AND FROZEN SOIL. PROVIDE A MINIMUM OF 6 INCHES OF GRANULAR PER THE GEOTECHNICAL REPORT. COVER GRANULAR MATERIAL WITH A VAPOR RETARDER BEFORE PLACING THE SLAB.
- 3. FOR SLAB ON GRADE REINFORCEMENT, PROVIDE WELDED WIRE FABRIC IN FLAT SHEETS.
- 4. SUPPORT SLAB ON GRADE REINFORCEMENT WITH STANDARD CORROSION RESISTANT HIGH CHAIRS WITH SAND BEARING PLATES. 5. PROVIDE SLAB CONTROL JOINTS AT EACH COLUMN LINE IN EACH DIRECTION FOR SLABS ON GRADE. SPACE ADDITIONAL JOINTS AT A
- MAXIMUM OF 30 TIMES THE SLAB THICKNESS OR 15 FEET, WHICHEVER IS LESS. PLACE JOINTS SO THAT PANEL LENGTH TO WIDTH RATIOS ARE LESS THAN 1.5.
- 6. FREE WATER ON THE SLAB SURFACE DURING FINISHING OPERATIONS IS PROHIBITED. SOFT CUT CONTROL JOINTS AS SOON AS POSSIBLE -GENERALLY WITHIN 6 HOURS AFTER FINISHING.
- 7. WHERE SLAB CONTROL JOINTS ARE SHOWN ON THE DRAWINGS, CONSTRUCTION JOINTS MAY BE SUBSTITUTED TO ACCOMMODATE THE CONTRACTOR'S PLACEMENT STRATEGY. UNLESS OTHERWISE NOTED ON THE DRAWINGS, PROVIDE 3/4" DIAMETER BY 1'-4" SMOOTH DOWELS AT 12 INCHES ON CENTER AT SLAB ON GRADE CONSTRUCTION JOINTS. GREASE ONE END OF DOWELS.
- 8. WHERE SHEAR TRANSFER IS REQUIRED ACROSS SLAB CONTROL JOINTS, PROVIDE DOWEL BASKET ASSEMBLIES. AREA OF STEEL MUST MEET THE REQUIREMENTS OF ACI 360 TABLE 6.1 FOR ROUND DOWELS OR SQUARE BARS OR AS REQUIRED BY MANUFACTURER FOR PLATE DOWELS.

D. CONCRETE

- 1. ALL CONCRETE WORK MUST BE IN ACCORDANCE WITH ACI 301, ACI 318 AND ACI 302
- 2. PROVIDE CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH (f'c) AT 28 DAYS, A MAXIMUM WATER/CEMENT RATIO, AND DURABILITY EXPOSURE CATEGORIES (FREEZE/THAW, SULFATE, WATER CONTACT, AND CORROSION PROTECTION, RESPECTIVELY) AS FOLLOWS:

	COMPRESSIV	'E WATER/	
<u>ELEMENT</u>	STRENGTH	CEMENT RATIO	DURABILITY
FOOTINGS	3000 PSI	0.55	F0, S0, W0, C0
SLABS ON GRADE	4000 PSI	0.45	F0, S0, W0, C0
PIERS & STEM WALLS	4500 PSI	0.45	F2, S0, W1, C0
EXTERIOR CONCRETE	4500 PSI	0.45	F2, S0, W1, C0

USE NORMAL WEIGHT AGGREGATES CONFORMING TO ASTM C33 AND TYPE I/II PORTLAND CEMENT CONFORMING TO ASTM C150.

- 3. FLY ASH CONFORMING TO ASTM C618, TYPE C OR F MAY BE USED AS TO REPLACE A PORTION OF THE PORTLAND CEMENT IN A CONCRETE MIX. THE AMOUNT OF PORTLAND CEMENT CONTENT MUST NOT BE LESS THAN 70 PERCENT OF THE TOTAL AMOUNT OF CEMENTITIOUS MATERIAL IN THE MIX.
- 4. GROUND GRANULATED BLAST-FURNACE SLAG CONFORMING TO ASTM C989, MAY BE USED AS TO REPLACE A PORTION OF THE PORTLAND CEMENT IN A CONCRETE MIX. THE AMOUNT OF PORTLAND CEMENT CONTENT MUST NOT BE LESS THAN 70 PERCENT OF THE TOTAL AMOUNT OF CEMENTITIOUS MATERIAL IN THE MIX.
- 5. CONCRETE REINFORCEMENT BARS MUST CONFORM TO ASTM A615, GRADE 60. REINFORCEMENT BARS MUST NOT BE TACK WELDED, WELDED, HEATED OR CUT UNLESS INDICATED ON THE CONTRACT DOCUMENTS OR APPROVED BY THE STRUCTURAL ENGINEER.
- 6. PROVIDE WELDED WIRE FABRIC CONFORMING TO ASTM A1064 IN FLAT SHEETS. LAP FABRIC TWO MESHES AT SPLICES.
- 7. GROUT UNDER ALL COLUMN BASE PLATES AND BEAM BEARING PLATES WITH NON-SHRINK, NON-METALLIC GROUT WHICH CONFORMS TO CORPS OF ENGINEERS SPECIFICATION CRD-C 621-82 OR ASTM C1107.
- 8. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES MUST CONFORM TO THE RECOMMENDATIONS OF ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND ACI SP-66 "DETAILING MANUAL". PLACING OF REINFORCING BARS MUST CONFORM TO THE RECOMMENDATIONS OF ACI 315R "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES" AND CRSI "MANUAL OF STANDARD PRACTICE".
- 9. MIX, TRANSPORT, AND PLACE CONCRETE PER THE RECOMMENDATIONS OF ACI 301.
- 10.PROVIDE CONCRETE COVER PROTECTION OF REINFORCEMENT PER ACI 318 SECTION 20.6.1.3 WITH STANDARD BAR CHAIRS AND SPACERS REQUIRED TO MAINTAIN MINIMUM CONCRETE PROTECTION. TYPICAL COMMON MINIMUM CONCRETE COVER APPLYING TO THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3 INCHES
#6 BARS AND LARGER #5 BARS AND SMALLER	2 INCHES 1 1/2 INCHES
SLABS, WALLS OR JOISTS	
#14 BARS AND LARGER #11 BARS AND SMALLER	1 1/2 INCHES ¾ INCHES
ADDITIONALLY, COVERS MUST NOT EXCEED THE FOLLOWING: WALLS BELOW GRADE (BACKFILL SIDE) WALLS BELOW GRADE (NO BACKFILL) SLABS ON GRADE	2 INCHES ¾ INCHES 2 INCHES (TOP)

11.WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.

12.REINFORCEMENT DESIGNATED AS "CONTINUOUS" MUST LAP 48 BAR DIAMETERS AT SPLICES UNLESS NOTED OTHERWISE. REINFORCEMENT BAR SPLICES IN GRADE BEAMS MUST BE LOCATED AT THE CENTERLINE OF SUPPORTS FOR BOTTOM BARS AND AT MIDSPAN FOR TOP BARS. PROVIDE STANDARD ACI HOOKS FOR TOP AND BOTTOM BARS AT DISCONTINUOUS ENDS OF ALL GRADE BEAMS.

13.HORIZONTAL FOOTING AND HORIZONTAL WALL REINFORCEMENT MUST BE CONTINUOUS AND MUST HAVE 90-DEGREE BENDS AND EXTENSIONS, OR CORNER BARS OF EQUIVALENT SIZE LAPPED 48 BAR DIAMETERS, AT CORNERS AND INTERSECTIONS.

14. PROVIDE CORNER BARS AT ALL WALL INTERSECTIONS WITH SIZE AND SPACING TO MATCH HORIZONTAL WALL REINFORCEMENT.

15.TIE DOWELS IN PLACE BEFORE PLACING CONCRETE. DO NOT STAB OR "WET-SET" DOWELS.

16.HORIZONTAL JOINTS WILL NOT BE PERMITTED IN CONCRETE CONSTRUCTION EXCEPT AS SHOWN ON THE CONTRACT DOCUMENTS. VERTICAL JOINTS MUST OCCUR AT CENTER OF SPANS AT LOCATIONS APPROVED BY THE STRUCTURAL ENGINEER.

17.PROVIDE HORIZONTAL CONSTRUCTION JOINTS ONLY WHERE SHOWN IN THE CONTRACT DOCUMENTS. AT HORIZONTAL JOINTS. ROUGHEN THE LOWER CONTACT SURFACE WITH ABOUT A 1/4 INCH AMPLITUDE. REMOVE ANY LAITANCE FROM THE HARDENED CONTACT SURFACE AND MAINTAIN A CLEAN CONTACT SURFACE FOR THE ADJOINING POUR.

18.CHAMFER EXPOSED EDGES OF CONCRETE 3/4" UNLESS OTHERWISE NOTED.

D. CONCRETED CONTINUED

- SUPERIMPOSED LOADS.
- IMMEDIATELY AFTER FINISHING.
- CONCRETE PLACEMENT.
- STRUCTURAL ENGINEER.
- THE STRUCTURAL DOCUMENTS.
- E. STRUCTURAL COLD-FORMED STEEL

- A525 G-60.

- 6. WELDING MUST CONFORM TO AWS D1.1, AWS D1.3 AND AISI MANUAL SECTION 4.2.
- FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER.
- OF TT-P-636C.
- 12.MILL CERTIFICATION OF THE STEEL PROPERTIES IS REQUIRED.
- AND/OR STRUCTURAL ENGINEER FOR REVIEW.

15.AXIALLY LOADED STUDS MUST BE INSTALLED IN A MANNER WHICH WILL ASSURE THAT ENDS OF THE STUDS ARE POSITIONED AGAINST THE INSIDE TRACK WEB, PRIOR TO STUD AND TRACK ATTACHMENT. 16.WIRE TYING IS NOT PERMITTED.

- REPRESENTATIVE PRIOR TO INSTALLATION.
- INSTALLED BY GENERAL CONTRACTOR.
- FIFTH POINTS.

20.STUDS MUST BE ATTACHED TO TRACK ON TWO SIDES. 23.METAL STUD ERECTOR MUST BE RESPONSIBLE FOR LOCATION AND ATTACHING CONNECTION PLATES TO HOT ROLLED STEEL SECTIONS. 24. HEADER WITH INTERIOR STIFFENERS MUST HAVE INDIVIDUAL STIFFENERS INSPECTED PRIOR TO ASSEMBLING THE TWO JOIST MEMBERS. 25.AT TRACK BUTT JOINTS, ABUTTING PIECES OF TRACK MUST BE SECURELY ANCHORED TO A COMMON STRUCTURAL ELEMENT, OR THEY

MUST BE BUTT-WELDED OR SPLICED TOGETHER.

27. WALL STUD BRIDGING MUST BE ATTACHED IN A MANNER TO PREVENT STUD ROTATION. BRIDGING ROWS MUST BE SPACED AT THIRD POINTS AND BRIDGING MUST BE 16 GAGE, 1-1/2" WIDE WITH 9/16" FLANGES.

28.SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED. 29. WINDOW SILLS MUST BE THE SAME SIZE AND GAGE AS THE OTHER MEMBERS DESIGNATED IN THE WALL PANEL UNLESS OTHERWISE

NOTED.

F. CONCRETE MASONRY

- 602, "SPECIFICATION FOR MASONRY STRUCTURES."
- BE 1.500 PSI.
- FOLLOWING:
- b. GROUT IN SPACES 2" X 4" AND SMALLER MUST HAVE A SLUMP OF 5" AND CONFORM TO ASTM C476.
- REINFORCEMENT MUST CONFORM TO ATSM A82.
- 8. CELLS TO BE GROUTED MUST BE CLEAN AND FREE OF EXCESS MORTAR AND FOREIGN MATERIALS.

- TYPICAL WALL REINFORCING UNLESS OTHERWISE NOTED.
- PERMITTED.
- AND/OR ANCHORS.

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19. SHORING UNDER FORMS MUST NOT BE REMOVED UNTIL THE CONCRETE IT SUPPORTS IS CAPABLE OF SUPPORTING ITSELF AND ALL

20.PROTECT AND CURE ALL CONCRETE SURFACES. BEGIN CURING WALLS IMMEDIATELY AFTER STRIPPING FORMS AND FLATWORK

21.INSTALL AND SECURE EMBEDMENTS SUCH AS ANCHOR BOLTS AND EMBEDMENT PLATES WITHIN SPECIFIED TOLERANCES BEFORE

22.DO NOT SLEEVE BEAMS OR COLUMNS WHERE NOT SHOWN ON THE STRUCTURAL DRAWINGS WITHOUT PRIOR APPROVAL OF THE

23.DO NOT PLACE CONDUIT OR PIPES IN ANY CONCRETE ELEMENTS INCLUDING SLABS, BEAMS, WALLS OR COLUMNS UNLESS INDICATED IN

1. ALL GALVANIZED STUDS AND JOISTS 16 GAGE AND HEAVIER MUST BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A1003, GRADE ST50H, WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI. ALL 18 GAGE STUDS MUST CONFORM TO ASTM A1003 GRADE ST33H, WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.

2. ALL GALVANIZED TRACK, BRIDGING, END CLOSURES AND ACCESSORIES MUST BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A1003, GRADE ST33H, WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.

3. ALL GALVANIZED STUDS AND ACCESSORIES MUST BE FORMED FROM STEEL HAVING A GALVANIZED COATING WHICH CONFORMS TO ASTM

4. ALL PAINTED STUDS AND JOISTS 16 GAGE AND HEAVIER MUST BE FORMED FROM STEEL THAT CONFORMS TO ASTM A570 GRADE 50, MINIMUM YIELD STRENGTH 50,000 PSI. ALL PAINTED STUDS AND JOISTS 18 GAGE AND LIGHTER MUST BE FORMED FROM STEEL THAT CONFORMS TO ASTM A611 GRADE C, MINIMUM YIELD STRENGTH 33,000 PSI.

5. ALL PAINTED TRACK, BRIDGING, END CLOSURES AND ACCESSORIES MUST BE FORMED FROM STEEL THAT CORRESPONDS TO THE REQUIREMENTS OF ASTM A611, GRADE C WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI.

7. WELDING MUST BE BY FUSION WELDING UTILIZING ELECTRODES WITH ASTM CLASSIFICATION E60. ALL WELDERS MUST BE QUALIFIED BY TESTING IN ACCORDANCE WITH THE "CODE FOR WELDING IN BUILDING CONSTRUCTION", AWS D1.1 OF THE AMERICAN WELDING SOCIETY. 8. BOLTING AND SELF DRILLING/SELF TAPPING SCREWS MAY BE EMPLOYED. THE CONTRACTOR MUST SUBMIT MECHANICAL FASTENER DATA

9. STUD MEMBERS MAY BE PUNCHED. JOIST AND HEADER MEMBERS MUST NOT BE PUNCHED.

10.ALL PAINTED MATERIAL AND ACCESSORIES MUST BE PRIMED WITH RUST INHIBITIVE PAINT MEETING THE PERFORMANCE REQUIREMENTS

11.METAL STUDS MUST BE EITHER PAINTED OR GALVANIZED AS INDICATED ABOVE WITH THE EXCEPTION OF STUDS, HEADERS AND TRACK LOCATED AT EXTERIOR WALLS WHICH MUST BE GALVANIZED.

13.PRIOR TO PREFABRICATION OF FRAMING, THE CONTRACTOR MUST SUBMIT FABRICATION AND ERECTION DRAWINGS TO THE ARCHITECT

14.ALL FRAMING COMPONENTS MUST BE CUT SQUARELY FOR ATTACHMENT TO PERPENDICULAR MEMBERS, OR AS REQUIRED FOR AN ANGULAR FIT AGAINST ABUTTING MEMBER. MEMBERS MUST BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.

17.ALL LOAD BEARING PANELS AND HEADER MEMBERS WITH STIFFENERS MUST BE PRE-LOADED WITH CLAMPING DEVICE TO INSURE FULL BEARING BETWEEEN STUDS AND TRACKS. HEADERS MUST BE REVIEWED BY THE STRUCTURAL ENGINEER OR AUTHORIZED

18.METAL STUD ERECTOR IS RESPONSIBLE FOR INSTALLING WIND BRACING WHERE INDICATED ON THE PLANS. FLOOR PLATES WILL BE

19. COLD FORMED HEADERS MUST HAVE STIFFENERS COMPRISED OF 14 GAGE TRACK PLACED VERTICALLY BETWEEN THE FLANGES. CONNECTION BETWEEN THE 2 MEMBERS COMPRISING THE LINTEL, END SPACERS AND STIFFENERS MUST BE WELDED OR SCREWED AT

26.STUDS MUST BE PLUMBED, ALIGNED AND SECURELY ATTACHED TO THE FLANGE OR WEBS OF BOTH UPPER AND LOWER TRACKS.

30.CFS TRUSSES MUST BE LOCATED DIRECTLY OVER BEARING STUDS.

1. MASONRY CONSTRUCTION MUST BE PERFORMED IN ACCORDANCE WITH TMS 402 "BUILDING CODE FOR MASONRY STRUCTURES" AND TMS

2. CONCRETE MASONRY UNITS MUST CONFORM TO ASTM C90, GRADE N-1 UNLESS OTHERWISE NOTED. COMPRESSIVE STRENGTH ON NET CROSS SECTIONAL AREA OF INDIVIDUAL MASONRY UNITS MUST BE 2,000 PSI. NET AREA COMPRESSIVE STRENGTH OF MASONRY (f'm) MUST

3. MASONRY MUST BE LAID IN ASTM C270, TYPE "S" MORTAR, UNLESS NOTED OTHERWISE AND MUST HAVE FULL MORTAR COVERAGE OF THE FACE SHELLS IN BOTH HORIZONTAL AND VERTICAL JOINTS.

GROUT FOR REINFORCED MASONRY MUST CONFORM TO ASTM C476.

5. GROUT FOR REINFORCED MASONRY MUST HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND MUST CONFORM TO THE a. GROUT IN SPACES 3" X 4" AND GREATER MUST HAVE A SLUMP OF 9" TO 11" WITH 3/8" MAXIMUM AGGREGATE SIZE.

6. GALVANIZED HORIZONTAL JOINT REINFORCEMENT MUST BE PLACED IMMEDIATELY ABOVE AND BELOW ALL OPENINGS AND AT 16 INCHES ON CENTER VERTICALLY. REINFORCEMENT MUST BE LADDER, TRUSS TYPE, AND WHERE SPLICED, MUST LAP A MINIMUM OF 6 INCHES.

7. EXCEPT FOR WALL PILASTERS, VERTICAL MASONRY REINFORCEMENT MUST BE FIELD CUT FOR 4'-0" LIFTS AND LAPPED SPLICED A MINIMUM OF 48 BAR DIAMETERS. MASONRY CORES CONTAINING VERTICAL REINFORCEMENT MUST BE GROUTED SOLID.

9. GROUT ALL CELLS THAT INCLUDE REINFORCEMENT, ANCHORS OR STRUCTURAL EMBEDMENTS. PLACE GROUT IN 4'-0" LIFTS. CONSOLIDATE ALL GROUT PLACEMENTS BY MECHANICAL VIBRATION. PROVIDE CLEANOUTS FOR TOTAL GROUT PLACEMENT HEIGHT OVER 5'-0".

10. PROVIDE MASONRY ACCESSORIES TO SECURE VERTICAL REINFORCEMENT IN PLACE AND CORRECTLY POSITIONED. VERTICAL REINFORCEMENT IS TO BE CENTERED IN THE MASONRY CELLS UNLESS INDICATED OTHERWISE.

11. REINFORCEMENT MUST CONFORM TO THE STANDARDS SPECIFIED IN THE CONCRETE NOTES. REINFORCEMENT MUST BE LAP SPLICED A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.

12. THE MASONRY CONTRACTOR MUST PROVIDE AND PLACE SUCH SPECIAL UNITS AS MAY BE REQUIRED TO FORM ALL CORNERS, RETURNS, AND OFFSETS WHILE MAINTAINING THE PROPER BOND. 13. WHERE INTERIOR CONCRETE MASONRY PARTITIONS INTERSECT WITH OTHER INTERIOR PARTITIONS OR EXTERIOR WALLS. A MASONRY

BOND, OR THE EQUILVALENT IN APPROVED METAL TIES, MUST BE PROVIDED UNLESS NOTED OTHERWISE ON THE DRAWINGS. 14. REINFORCE ALL JAMB CELLS, CORNER CELLS, TEE CELLS, END CELLS AND AT EACH SIDE OF CONTROL JOINTS FULL HEIGHT – MATCH

15. FACE SHELL BEDDING MUST BE USED WITH COMPLETE COVERAGE OF FACE SHELLS. FURROWING OF THE MORTAR MUST NOT BE

16. MORTAR JOINTS MUST BE 3/8" THICK WITH FULL MORTAR COVERAGE ON VERTICAL AND HORIZONTAL FACE SHELLS.

17. SECURE MASONRY VENEER TO SUPPORTING WALLS OR COLUMNS AT 16" ON CENTER VERTICAL AND HORIZONTAL WITH APPROVED TIES







FISH & WILDLIFE SERVICES BON SECOUR NAT'L		BON SECOUR VISITOR	CENTER & AUMINISTRATION	BON SECOUR MWR, AL
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	ANCHOR BOLTS WIDE FLANGE SHAPES ANGLES CHANNELS DI ATES	ASTM F1554, GRADE 36 ASTM A992-01, 50 KSI ASTM A36 ASTM A36
	HSS RECTANGULAR HSS ROUND	A36 ASTM A500, GRADE C (F_y = 50 KSI) ASTM A500, GRADE C (F_y = 50 KSI)
SL	JBMIT MILL TEST REPORTS FOR RE	EVIEW.
2. BC UN A	DLTS FOR STRUCTURAL STEEL CO NLESS NOTED OTHERWISE, PROVI HARDENED WASHER UNDER THE B	NNECTIONS MUST BE HIGH STRENGTH BOLTS PER THE REQUIREMENTS OF ASTM A325, TYPE N, OR DE BOLTS DESIGNED AS BEARING TYPE BOLTS AND INSTALL PER THE "SNUG TIGHT" CONDITION. INS ELEMENT TO BE TIGHTENED.
3. AN NC	NCHOR BOLTS LOCATED OUTSIDE DTED.	OF THE BUILDING ENVELOPE MUST BE HOT DIPPED GALVANIZED PER ASTM F2329 UNLESS OTHERW
4. De Of He	ETAIL, FABRICATE AND ERECT STR F STANDARD PRACTICE FOR STEEI EALTH ADMINISTRATION AND THE I	UCTURAL STEEL PER THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," THE AISC "CC ∟ BUILDINGS AND BRIDGES" AND THE SAFETY REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND _OCAL JURISDICTION. PROVIDE TEMPORARY SEATS TO FACILITATE SAFE ERECTION.
5. TH SH PA FC	IE FABRICATOR MUST PREPARE TI HOWN IN THE TYPICAL DETAILS. TH ARTIALLY DETAILED IN THE CONTR. DURTEENTH EDITION.	HE SHOP DRAWINGS BASED ON DESIGN LOADS PROVIDED OR CONNECTION DESIGN INFORMATION HE FABRICATOR IS RESPONSIBLE FOR CHOOSING, DESIGNING AND DETAILING ALL CONNECTIONS ACT DRAWINGS IN ACCORDANCE WITH PART 10 OF THE AISC "MANUAL OF STEEL CONSTRUCTION"
6. ST US	TEEL CONNECTION MUST DEVELOR SE A MINIMUM FACTORED END REA	? FACTORED END REACTIONS SHOWN ON DRAWINGS. PROVIDE AT LEAST TWO ROWS OF BOLTS AN ACTION OF 14.0 KIPS.
7. IF	THE FABRICATOR USES ALTERNA	TE CONNECTION DESIGNS, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONSTRUCT
8. FC	OR SIMPLE SHEAR CONNECTIONS,	THE MINIMUM DEPTH OF THE CONNECTION MUST EXCEED 1/2 OF THE DEPTH OF THE SUPPORTED
мі 9. РЕ	ERFORM WELDING IN ACCORDANC	E WITH THE AMERICAN WELDING SOCIETY STANDARD D1.1. PROVIDE ELECTRODES FOR SHOP AND
FII MI	ELD WELDS IN ACCORDANCE WITH NIMUM CVN VALUE OF 20 FT-LBS A	I AWS A5.1 OR AWS A5.5, CLASS E70XX, LOW HYDROGEN. ALL WELDS MUST USE FILLER METAL WITH T -20 DEGREES FAHRENHEIT.
10.AL TE 11.SH	L SHOP AND FIELD WELDING MUS EST AS PRESCRIBED IN AWS D1.1 C HOP OR FIELD WELDS AT NON-BOL	T BE EXECUTED BY WELDERS AND WELDING OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED IF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPES OF WELDS REQUIRED ON THE PROJE TED CONNECTIONS THAT ARE NOT SPECIFICALLY DETAILED MUST BE 3/16" CONTINUOUS FILLETS AT
EA 12.RE	ETURN ALL WELDS AT CORNERS T	WICE THE NOMINAL SIZE OF THE WELD MINIMUM, UNLESS OTHERWISE NOTED.
13.AL N(L COPES, BLOCKS, CUT-OUTS, AND DTCHED FREE TO A RADIUS OF AT	D OTHER CUTTING OF STRUCTURAL MEMBERS MUST HAVE ALL RE-ENTRANT CORNERS SHAPED, LEAST ½".
14.SE	E ARCHITECTURAL AND OTHER EI	NGINEERING DRAWINGS FOR MISCELLANEOUS STEEL NOT SHOWN ON THE STRUCTURAL DRAWING
16.NC AL	O OPENINGS IN BEAMS OR COLUMI L PROPOSED OPENING IN BEAMS	NS ARE PERMITTED UNLESS SPECIFIED IN THE STRUCTURAL DOCUMENTS. CONTRACTOR MUST SU FOR REVIEW BY THE STRUCTURAL ENGINEER.
17.SF	PLICING OF STRUCTURAL STEEL M	EMBERS WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS PROHIBITED WITHOUT PRIOR
18. TI 19.OI	HE CONTRACTOR MUST NOTIFY W	ILEY WILSON, INC. OF ANY MISFABRICATION OF STRUCTURAL STEEL PRIOR TO ERECTION OF SAME. APPLIED TO ALL STRUCTURAL STEEL WITH THE EXCEPTION OF AREAS TO BE WELDED.
21.EX	(POSED STEEL MUST BE HOT DIPP DLTS, NUTS AND WASHERS MUST F	ED GALVANIZED. STEEL SHAPES, PLATES AND BARS MUST BE GALVANIZED PER ASTM A123. STEEL 3E GALVANIZED PER ASTM A153, CLASS C. DAMAGED AND UNCOATED AREAS MUST BE REPAIRED PI
ROO	F DECK	
1. RC	DOF DECK MUST BE TYPE B ROOF	DECK. TYPE B DECK MUST BE 20 GAGE COLD FORMED STEEL CONFORMING TO ASTM A653 SQ GRA
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1. R(50 2. C("D EE 3. ST 01 4. TH DE POSI 1. PC 2. TH OF 3. AN a. b. 4. IN 5. AN IN 5. AN IN 6. EX DF TC	DOF DECK MUST BE TYPE B ROOF , COATING DESIGNATION G60 FOR DNTRACTOR MUST PROVIDE MATE ESIGN MANUAL FOR COMPOSITE D DITION OF AISI SPECIFICATIONS FO TEEL DECK MUST BE INSTALLED CO N STEEL SUPPORTS. HE CONTRACTOR MUST PROVIDE S ECK WHERE NOT SHOWN ON DRAV T-INSTALLED ANCHORS DST-INSTALLED ANCHORS MUST O HE CONTRACTOR MUST OBTAIN AP TMISSING OR MISPLACED CAST-IN NCHORAGE TO CONCRETE: MECHANICAL ANCHORS MUST HA CRACKED AND UNCRACKED CON ADHESIVE ANCHORS MUST HAVE CRACKED AND UNCRACKED CON STALL ANCHORS PER THE MANUF/ NCHOR CAPACITY IS DEPENDANT L STALL ANCHORS IN ACCORDANCE KISTING REINFORCING BARS IN THI RAWINGS THAT THE BARS CAN BE D LOCATE THE POSITION OF THE R	DECK. TYPE B DECK MUST BE 20 GAGE COLD FORMED STEEL CONFORMING TO ASTM A653 SQ GRA GALVANIZED DECK METAL DECK MUST BE 1-1/2 INCHES DEEP. RIALS, DESIGN AND INSTALLATION OF DECK FOR THE REQUIREMENTS OF STEEL DECK INSTITUTE'S DECKS, FORM DECKS AND ROOF DECKS." DECK PROPERTIES MUST BE COMPUTED USING THE LATES R THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS." DNTINUOUS OVER 3 SPANS MINIMUM (UNLESS OTHERWISE NOTED) AND MUST BEAR AT LEAST 2 INC SUPPLEMENTAL FRAMING L4 X 4 X 3/8. TS 2-1/2 X 2-1/2 X ¼ AS NECESSARY FOR THE SUPPORT OF ME VINGS UNLESS OTHERWISE INDICATED. NLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. "PROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PL -PLACE ANCHORS. VE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRETE RECOGNITION. BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC 308 FOR CRETE RECOGNITION. ACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING. IPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING BAD EDGE CLEARANCES INDICATED ON THE DRAWINGS. E CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON T CUT, THE CONTRACTOR MUST REVIEW THE EXISTING STRUCTURAL DRAWINGS AND MUST UNDERT, ENFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS.
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1. R(50 2. C(EE 3. ST 0 4. TH DE POST 1. PC 2. TH 3. AN 4. IN 5. AN 5. AN 6. EX TC 7. TH STE BL DF TC 7. TH SF SF SF	DOF DECK MUST BE TYPE B ROOF , COATING DESIGNATION G60 FOR DNTRACTOR MUST PROVIDE MATE ESIGN MANUAL FOR COMPOSITE D DITION OF AISI SPECIFICATIONS FO TEEL DECK MUST BE INSTALLED CO N STEEL SUPPORTS. TECONTRACTOR MUST PROVIDE S ECK WHERE NOT SHOWN ON DRAW FINSTALLED ANCHORS DST-INSTALLED ANCHORS MUST O TE CONTRACTOR MUST OBTAIN AP TO MISSING OR MISPLACED CAST-IN NCHORAGE TO CONCRETE: MECHANICAL ANCHORS MUST HAVE CRACKED AND UNCRACKED CON ADHESIVE ANCHORS MUST HAVE CRACKED AND UNCRACKED CON STALL ANCHORS PER THE MANUF/ NCHOR CAPACITY IS DEPENDANT U STALL ANCHORS PER THE MANUF/ NCHOR CAPACITY IS DEPENDANT U STALL ANCHORS IN ACCORDANCE (ISTING REINFORCING BARS IN THI RAWINGS THAT THE BARS CAN BE D LOCATE THE POSITION OF THE R TEEL WITH PLACEMENT OF NEW AN EINFORCING STEEL IS ENCOUNTEF NGINEER. ABANDONED HOLES MUS IT AT LEAST 1 INCH FROM ANY AB/ RILLING, UNLESS OTHERWISE DIRE CIAL INSPECTIONS REQUIRED BY PECIAL INSPECTIONS REQUIRED BY PECIAL INSPECTIONS REQUIRED BY PECIAL INSPECTIONS DIRECTLY TO PECIAL INSPECTIONS DIRECTLY TO	DECK. TYPE B DECK MUST BE 20 GAGE COLD FORMED STEEL CONFORMING TO ASTM A653 SQ GRA GALVANIZED DECK METAL DECK MUST BE 1-1/2 INCHES DEEP. RIALS, DESIGN AND INSTALLATION OF DECK FOR THE REQUIREMENTS OF STEEL DECK INSTITUTE'S DECKS, FORM DECKS AND ROOF DECKS." DECK PROPERTIES MUST BE COMPUTED USING THE LATE: R THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS." DNTINUOUS OVER 3 SPANS MINIMUM (UNLESS OTHERWISE NOTED) AND MUST BEAR AT LEAST 2 INC 3UPPLEMENTAL FRAMING L4 X 4 X 3/8. TS 2-1/2 X 2-1/2 X ½ AS NECESSARY FOR THE SUPPORT OF ME VINGS UNLESS OTHERWISE INDICATED. NLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. PROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PL -PLACE ANCHORS. VE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRETE RECOGNITION. BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC 308 FOR CRETE RECOGNITION. ACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING. IPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING BAND EDGE CLEARANCES INDICATED ON THE DRAWINGS. E CONCRETE STRUCTURE MAST REVIEW THE EXISTING STRUCTURAL DRAWINGS AND MUST UNDERT. EINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS. SURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REIMPORCIN (CHORS (DOWELS, EXPANSION BOLTS, ADHES/VE THE EXISTING STRUCTURAL DRAWINGS AND MUST UNDERT. EINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS. SURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REIMPORCIN (CHORS (DOWELS, EXPANSION BOLTS, ADHES/VE ANCHORS) DOES NOT OCCUR. IF EXISTING (CHORS (DOWELS, EXPANSION BOLTS, ADHES/VE ANCHORS) DOES NOT OCCUR. IF EXISTING (ED DURING DRILLING, ADJUST THE ANCHOR SHORT MUST MEET THE COMPETENCE AND RELEVANT MENTS OF THE STRUCTURAL ENGINEER.
1. RC 50 2. CC "D EL 3. ST 01 4. TH DE POSI 1. PC 2. TH 0F 3. AN a. b. 4. IN 5. AN 5. AN 5. AN 5. AN 5. AN 5. AN 5. AN 5. CO 7. TH SE EN BL DF TC 7. TH SF SF SF 2. WO	DOF DECK MUST BE TYPE B ROOF , COATING DESIGNATION G60 FOR DITRACTOR MUST PROVIDE MATE ESIGN MANUAL FOR COMPOSITE D DITION OF AISI SPECIFICATIONS FO TEEL DECK MUST BE INSTALLED CO N STEEL SUPPORTS. TECONTRACTOR MUST PROVIDE S ECK WHERE NOT SHOWN ON DRAW FINSTALLED ANCHORS DST-INSTALLED ANCHORS MUST O TE CONTRACTOR MUST OBTAIN AP F MISSING OR MISPLACED CAST-IN NCHORAGE TO CONCRETE: MECHANICAL ANCHORS MUST HA CRACKED AND UNCRACKED CON ADHESIVE ANCHORS MUST HAVE CRACKED AND UNCRACKED CON ADHESIVE ANCHORS MUST HAVE CRACKED AND UNCRACKED CON STALL ANCHORS PER THE MANUFA NCHOR CAPACITY IS DEPENDANT L STALL ANCHORS PER THE MANUFA STALL ANCHORS IN ACCORDANCE (ISTING REINFORCING BARS IN THE RAWINGS THAT THE BARS CAN BE D LOCATE THE POSITION OF THE R TEEL WITH PLACEMENT OF NEW AP EINFORCING STEEL IS ENCOUNTER NGINEER. ABANDONED HOLES MUS JT AT LEAST 1 INCH FROM ANY ABA RILLING, UNLESS OTHERWISE DIRE CIAL INSPECTIONS AS PART OF PECIAL INSPECTIONS AS PART OF PECIAL INSPECTIONS REQUIRED B PECIAL INSPECTIONS DIRECTLY TO RITTEN REPORTS MUST BE SUBMI DOCUMENTS AND SPECIFICATIONS. TATE WHERE THE CONSTRUCTION	DECK. TYPE B DECK MUST BE 20 GAGE COLD FORMED STEEL CONFORMING TO ASTM A663 SQ GRA GALVANIZED DECK METAL DECK MUST BE 1-1/2 INCHES DEEP. RIALS, DESIGN AND INSTALLATION OF DECK FOR THE REQUIREMENTS OF STEEL DECK INSTITUTE'S DECKS, FORM DECKS AND ROOF DECKS." DECK PROPERTIES MUST BE COMPUTED USING THE LATES R THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS." DNTINUOUS OVER 3 SPANS MINIMUM (UNLESS OTHERWISE NOTED) AND MUST BEAR AT LEAST 2 INC SUPPLEMENTAL FRAMING L4 X 4 X 3/8. TS 2-1/2 X 2-1/2 X ¼ AS NECESSARY FOR THE SUPPORT OF ME VINGS UNLESS OTHERWISE INDICATED. NLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. PROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PL -PLACE ANCHORS. VE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRETT ERECOGNITION. BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC 308 FOR CRETT RECOGNITION. BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC 308 FOR CRETE RECOGNITION. BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC 308 FOR CRETE RECOGNITION. ACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING. IPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS. E CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON ' CUT, THE CONTRACTOR MUST REVIEW THE EXISTING STRUCTURAL DRAWINGS AND MUST UNDERT. ENHFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS. SURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REINFORCIN (CHORS [DOWIELS, EXPANSION BOLTS, ADHESIVE ANCHORS). DOES NOT OCCUR. IF EXISTING GENER SIDURED TAKEN HOCATIONS OF THE CONCRETE ANCHORS. SURES TO COORDINATE THE LOCATIONS OF THE ONORETE ANCHORS. SURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REINFORCING (CHOR SPECIAL INSPECTIONS PER THE INTERNATIONAL BUILDING CODE. IN ACCORDANCE WITH TION 1704 2.1, THE RESPONSIB

4. FAILURE TO RETAIN AN INDEPENDENT TESTING AGENCY TO PERFORM THE REQUIRED SERVICES SPECIFIED ABOVE, OR FAILURE TO SUBMIT SIGNED AND SEALED REPORTS, INDICATES NON-COMPLIANCE WITH THE CONTRACT DOCUMENTS.

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#	NUMBER
&	AND
=	EQUAL EQUALS
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AD	
ACI	AMERICAN CONC
ADD'L	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISEHD
AH. AHU	AIR HANDLING U
AISC	
Aloo	CONSTRUCTION
ALI	
APPROX	
ARCH	ARCHITECTURAL
AWS	AMERICAN WELD
BOT, B/	BOTTOM
BRG	BEARING
CES	
CJ	CONTROL JOINT/
CJP	COMPLETE JOIN
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MAS
COL	COLUMN
CONC	
CONC	CONCILLE
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DWG(S)	DRAWINGS
DWL	DOWEL
EA	EACH
EF	EACH FACE
ELEC	ELECTRICAL
ELEV	
EO	
EQUIP	
ES	EACH SIDE
EW	EACH WAY
EXIST	EXISTING
EXT	EXTERNAL, EXTE
FF	FAR FACE
FFF	FINISH FLOOR FL
FIND	
FUC	FACE OF CONCR
FOM	FACE OF MASON
FOS	FACE OF STUD
FS	FAR SIDE
FT. '	FOOT
FTG	FOOTING
Fv	
GA	GAUGE
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUC
HT	HEIGHT
HVAC	HEATNG/ VENTIL
1	MOMENT OF INE
IBC	
ICE	
ישו ואו "	
IIN, [~]	
INCL	INCLUDE
INFO	INFORMATION
INS	INSULATED, INSU
JST	JOIST
K, KIPS	THOUSAND POUI
Ľ	LENGTH ANGLE
– I B	
LL	
LLH	LONG LEG HORIZ
LLV	LONG LEG VERTI
LOC	LOCATE, LOCATI
LONG	LONGITUDINAL
LP	LOW POINT
LW	LIGHT WEIGHT
MAS	MASONRY
MR	
MRK .	
MECH	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MF	MOMENT FRAM
MFG, MANUF	MANUFACTURING
MIN	MINIMUM
MO	
MOD	

ABBREVIATIONS

JALS LT CONCRETE INSTITUTE

SEHD FLOOR NG UNIT NSTITUTE OF STEEL TION

TELY URAL WELDING SOCIETY

IED STEEL ACE OINT/CEILING JOIST JOINT PENETRATION

MASONRY UNIT

TION OR

EXTERIOR

OR ELEVATION DNCRETE ASONRY UD

RUCTURAL SECTION

ENTILATING/ AIR CONDITIONING - INERTIA NAL BUILDING CODE CONCRETE FORM **IETER**

)N , INSULATION

POUNDS IGLE

HORIZONTAL /ERTICAL CATION

ЭHТ

AM

URING OPENING

DIFIED

MRF NF NOM NS OC OD OH OWSJ P/C PAR PCC PCF PEN PFJ PL PLUMB PLYWD PNL PSF PSI PT RAP REINF REQ RET REV RF RFT RPM RS RT S SC SCBRW SCHED SDI SECT SEIS SEP SHT SIM SJI SMS SPEC(S) SPRT SQ SS ST STD STIF/STIFF STL STRUCT SUSP SYM T&B T&G T/ TGB THK ΤL ΤN TOB TOC TOF TOW TYP UFC UNO UON VB VERT W w/ WF WPT WWF WWM х

MANUFACTURER NEAR FACE NOMINAL NEAR SIDE ON CENTER OUTSIDE DIAMETER OPPOSITE HAND, OVERHEAD OPEN WEB STEEL JOIST PIN CONNECTED PARALLEL PRECAST CONCRETE POUNDS PER CUBIC FOOT PENETRATION PERIMETER FELT JOINT PLATE PLUMBING PLYWOOD PANEL POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH PRESSURE TREATED, POINT, PRETENSIONED AGGREGATE PIERS REINFORCING, REINFORCED REQUIRED RETURN, RETAINING **REVISION, REVISED** ROOF RAFTERS **REVOLUTIONS PR MINUTE** ROUGH SAWN ROOF TRUSS SECTION MODULUS SLIP CRITICAL SEGMENTAL CONCRETE BLOCK RETAINING WALL SCHEDULE STEEL DECK INSTITUTE SECTION SEISMIC SEPARATION SHEET SIMILAR STEEL JOIST INSTITUTE SHEET METAL SCREW SPECIFICATION(S) SUPPORT SQUARE STAINLESS STEEL SNUG TIGHT STANDARD STIFFENER STEEL STRUCTURAL, STRUCTURE SUSPENDED SYMMETRICAL TOP AND BOTTOM TONGUE AND GROOVE TOP OF TOP OF GRADE BEAM THICK, THICKNESS TOTAL LOAD TOE NAIL TOP OF BEAM TOP OF CONCRETE TOP OF FOOTING TOP OF WALL TYPICAL UNITED FACILITES CRITERIA UNLESS NOTED OTHERWISE UNLESS OTHERWISE NOTED VAPOR BARRIER VERTICAL WIDTH, WEST, WIDE FLANGE WITH WIDE FLANGE WORKING POINT WELDED WIRE FABRIC WELDED WIRE MESH BY, TIMES

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			VELDED SECTION	B. STRUCTURAL - STEEL- BOLTING SECTION				
	STEEL INSPECTION PRIOR TO WELDING-VERFIY THE F	FOLLOWING ARE IN COM	MPLIANCE WITH IBC 1705.2.1, AISC 360-10:TABLE C-N5.4-1	STEEL IN	ISPECTION PRIOR TO BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC	1705.2.1, AISC	C 360-10: TABLE C-N5.6-1	
INSP REQ?	TASK	INSP TYPE	DESCRIPTION	INSP REQ?	TASK	INSP TYPE	DESCRIPTION	
Y	1. VERIFY THAT THE WELDING PROCEDURES SPECIFICATION (WPS) IS AVAILABLE	Р		Y	1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	P		
Y Y	2. VERIFY MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE 3. VERIFY MATERIAL IDENTIFICATION	P TYPE AND G	RADE	Y	2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQS	0		
Y	4. WELDER IDENTIFICATION SYSTEM	P THE FABRICA A WELDER W MEMBER CAI	THE FABRICATOR OR ERECTOR, AS APPLICABLE, MUST MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE		 PROPER FASTENERS SELECTED FOR JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE) 	0		
		JOINT PRE DIMENSIO		Y	4. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	0		
Y	5. FIT-UP GROOVE WELDS (INCLUDING JOINT GEOMETERY)	O • CLEANLIN • TACKING • BACKING	INS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) IESS (CONDITION OF STEEL SURFACES) (TACK WELD QUALITY AND LOCATION) TYPE AND FIT (IF APPLICABLE	Y	5. CONNECTING ELEMENTS, INCLUDING APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	0		
Y	6. CONFIGURATION AND FINISH OF ACCESS HOLES	0		Y	6. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	0		
Y	7. FIT-UP OF FILLET WELDS	O DIMENSIO O CLEANLIN TACKING	DNS (ALIGNMENT, GAPS AT ROOT) IESS (CONDITION OF STEEL SURFACES) (TACK WELD QUALITY AND LOCATION)	STEEL INS	SPECTION DURING BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 17	05.2.1, AISC 3	360-10: TABLE C-N5.6-2	
	STEEL INSPECTION DURING WELDED-VERIFY THE FO		PLIANCE WITH IBC 1705.2.1, AISC 360-10: TABLE C-N5.4-2	INSP REQ?	TASK	INSP TYPE	DESCRIPTION	
INSP REQ?	TASK	INSP TYPE	DESCRIPTION	Y	7. FASTENER ASSEMBLIES OF SUITABLE CONDITION PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQD	0		
Y	8. USE OF QUALIFIED WELDERS	P WELDING BY QUALIFIED IN	WELDERS, WELDING OPERATORS, AND TACK WELDERS WHO ARE N CONFORMANCE WITH REQS	Y	8. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	0		
Y	9. CONTROL AND HANDLING OF WELDING CONSUMABLES	O PACKAGIN • ELECTROI	NG DE ATMOSPHERIC EXPOSURE CONTROL	Y	9. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	0		
Y	10. NO WELDING OVER CRACKED TACK WELDS	O • WIND SPE O • PRECIPITA	EED WITHIN LIMITS ATION AND TEMPERATURE	Y	10.BOLTS ARE PRETENSIONED IN ACCORDANCE WITH RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	0		
		SETTINGS TRAVEL S	WIND SPEED WITHIN LIMITS PRECIPITATION AND TEMPERATURE SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE/FLOW RATE DREHEAT ADDUED		SPECTION AFTER BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 201	5 1705.2.1, AIS	SC 360-10: TABLE C-N5.6-3	
Y	12. WELDING PROCEDURES SPECIFICATIONS FOLLOWED	SELECTEL SHIELDING PREHEAT INTERPAS PROPER F	D WELDING MATERIALS G GAS TYPE/FLOW RATE APPLIED SS TEMPERATURE MAINTAINED (MIN./MAX.) POSITION (F, V, H, OH)	INSP REQ?	TASK	INSP TYPE	DESCRIPTION	
		INTERMIX	OF FILLER METALS AVOIDED	Y	11.DOCUMENT ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	D		
Y	13. WELDING TECHNIQUES	INTERPAS EACH PAS EACH PAS EACH PAS	SS AND FINAL CLEANING SS WITHIN PROFILE LIMITATIONS SS MEETS QUALITY REQUIREMENTS	C. ST	RUCTURAL - STEEL - NON DESTRUCTIVE TE	STING	SECTION	
STEEL INS	SPECTION AFTER WELDING-VERFIY THE FOLLOWING ARE IN COMP	PLIANCE WITH IBC 2015	1705.2.1, AISC 360-10: TABLE C-N5.4-3	NONDEST	TRUCTIVE TESTING OF WELDED JOINTS-VERIFY THE FOLLOWING ARE IN COMPLIANCE I	BC 1705.2.1, A	AISC 360-10: SECTION N5.5	
INSP	TASK	INSP	DESCRIPTION	INSP REQ?	TASK	INSP TYPE	DESCRIPTION	
Y	14.WELDS CLEANED	0		Y	1. USE OF QUALIFIED NONDESTRUCTIVE TESTING	P \\(VISUAL WELD INSPECTION AND NONDESTRUCTIVE TES CONDUCTED BY PERSONNEL QUALIFIED IN ACCORDAN CLAUSE 7.2	
Y	15.SIZE, LENGTH, AND LOCATION OF ALL WELDS	P SIZE, LENGTH TO THE REQU	H, AND LOCATION OF ALL WELDS CONFORM UIREMENTS OF THE DETAIL DRAWINGS			1	DYE PENETRANT TESTING (DT) AND ULTRASONIC TEST PERFORMED ON 20% OF CJP GROOVE WELDS FOR MA	
Y	16.WELDS MEET VISUAL ACCEPTANCE CRITERIAL	CRACK PF WELD/BAS P CRATER C AND WELD PRC D WELD SIZ	ROHIBITION SE-METAL FUSION CROSS SECTION OFILES E	Y	2. CJP GROOVE WELDS	O F (5/26" (8mm) THICK. TESTING RATE MUST BE INCREASED TO 100% IF GREATER THAN OF WELDS TESTED HAVE UNACCEPTABLE DEFECTS.	
		POROSITY	Y	Y	3. WELDED JOINTS SUBJECT TO FATIGUE	0	DYE PENETRAN TESTING (DT) AND ULTRASONIC TESTI SHALL BE PERFORMED ON 100% OF WELDED JOINTS IDENTIFIED ON CONTRACT DRAWINGS AS BEING SUBJI FATIGUE	
Y	17. ARC STRIKES	P WHEN WELD	DING OF DOUBLER PLATES, CONTINUITY PLATES		4. WELD TAB REMOVAL SITES		AT THE ENDS OF WELDS WHERE WELD TABS HAVE BEI REMOVED, MAGNETIC PARTICLE TESTING SHALL BE PE BEAM-TO-COLUMN JOINTS RECEIVING UT	
Y	18. K-AREA		SPECT THE WEB K-AREA FOR CRACKS					
Y	19.BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED WHERE REQUIRED	P AND D						
Y	20. REPAIR ACTIVITIES	P AND D						

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IVE TESTING (NDT) SHALL BE CORDANCE WITH AWS D1.8

IC TESTING (UT) SHALL BE FOR MATERIALS GREATER THAN ER THAN 5% ECTS.

C TESTING (UT) DINTS G SUBJECT TO

AVE BEEN LL BE PERFORMED ON THE SAME

INSPECTION **DEFINITIONS**:

1. PERFORM:

PERFORM THESE TASKS FOR EACH ELEMENT, OCCURANCE, WELD, FASTENER OR BOLTED CONNETION, AND REQUIRED VERIFICATION.

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OBSERVE THESE ITEMS RANDOMLY DURING THE COURSE OF EACH WORK DAY TO INSURE THAT APPLICABLE REQUIREMENTS ARE BEING MET. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS AT CONTRACTOR'S RISK.

3. DOCUMENT:

DOCUMENT, WITH A REPORT, THAT THE WORK HAS BEEN PERFOMRED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS IS IN ADDITION TO ANY OTHER REPORTS REQUIRED IN THE SPECIAL INSPECTIONS GUIDE SPECIFICATION.

4. CONTINUOUS:

CONSTANT MONITORING OF IDENTIFIED TASKS BY A SPECIAL INSPECTOR OVER THE DURATION OF PERFORMANCE OF SAID TASKS.

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Wiley Wilson Constant Progress





FISH & WILDLIFE SERVICES BON SECOUR NAT'L WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION	BON SECOUR MWR, AL				
		REVISION DESCRIPTION				
		DATE				
		<u> </u>				
COMM NO:	230182.00					
DATE: 05	5/02/2024					
DRAWN: JH	DESIGN:	JH				
		JR				
SPECIAL INSPECTIONS						
ыт. NO. S-003	REV.	NO.				

	NONDESTRUCTIVE TESTING OF WELDED JOINTS-VERIFY THE FO	LLOWIN	IG ARE IN COMPLIANCE IBC 1705.2.1, AISC 360-10	METAL DE	ECK INSPECTION BEFORE MECHANICAL FASTENING – VERIFY THE FOL	LOWING	ARE IN COMPLIANCE
INSP REQ?	TASK	INSP TYPE	DESCRIPTION	INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL	Р	VERIFY THE DIAMETER, GRADE, TYPE, AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE	Y	1. MANUFACTURER'S INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENER'S	0	
				Y	2. PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	0	
. S1	FRUCTURAL - STEEL - COLD-FORMED METAL	L DE	ECK - PLACEMENT SECTION	METAL DE SDI QA/QO	ECK INSPECTION <u>DURING</u> MECHANICAL FASTENING – VERIFY THE FOI C-2011, APPENDIX 1, TABLE 1.7	LOWING	ARE IN COMPLIANCE
IETAL DI DI QA/Q	ECK INSPECTION <u>PRIOR TO</u> DECK PLACEMENT – VERIFY THE FOLLOWING ARE IN COM C-2011, APPENDIX 1, TABLE 1.1	/IPLIANC	DE	INSP	TAOK	INSP	DECODIDITION
INSP REQ	TASK	INSP TYPE	DESCRIPTION	REQ?		TYPE	DESCRIPTION
				Y	3. FASTENERS ARE POSITIONED AS REQUIRED	0	
Y	 VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS 	Р		Y	4. FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	0	
				METAL DE SDI QA/QO	ECK INSPECTION <u>AFTER</u> MECHANICAL FASTENING – VERIFY THE FOLL C-2011, APPENDIX 1, TABLE 1.8	OWING A	
Y	2. DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	D		INSP REQ?	TASK	INSP TYPE	DESCRIPTION
ETAL DE	CK INSPECTION <u>DURING</u> DECK PLACEMENT – VERIFY THE FOLLOWING ARE IN COMPL C-2011, APPENDIX 1, TABLE 1.2	IANCE		Y	5. CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT	Р	
INSP REQ	TASK	INSP TYPE	DESCRIPTION	Y	6. CHECK SPACING, TYPE, AND INSTALLATION	P	
Y	3. VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION	Р		Y	7. CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER	P	
				v		P	
Y	4. VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	Р		T			
Y	5. DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	D		Y	9. DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENER'S	D	
/IETAL DI SDI QA/Q	ECK INSPECTION <u>AFTER</u> DECK PLACEMENT – VERIFY THE FOLLOWING ARE IN COMPLI C-2011, APPENDIX 1, TABLE 1.3	IANCE					
INSP REQ	TASK	INSP TYPE	DESCRIPTION				
Y	6. WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE	Р					
Y	7. MANUFACTURER'S CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	0					
Y	8. MATERIAL IDENTIFICATION (TYPE/GRADE)	0					
Y	9. CHECK WELDING EQUIPMENT	0					
F. S	TRUCTURAL - STEEL - COLD-FORMED META		ECK - WELDING SECTION				
IETAL DI DI QA/Q	ECK INSPECTION <u>DURING</u> WELDING – VERIFY THE FOLLOWING ARE IN COMPLIANCE C-2011, APPENDIX 1, TABLE 1.4						
INSP REQ?	TASK	INSP TYPE	DESCRIPTION				
Y	1. USE OF QUALIFIED WELDERS	0					
Y	2. CONTROL AND HANDLING OF WELDING CONSUMABLES	0					
Y	3. ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	0					
		0					
	C-2011, APPENDIX 1, TABLE 1.5	INSP					
REQ?	TASK	TYPE	DESCRIPTION				
Y	5. VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	Р					
Y	6. WELDS MEET VISUAL ACCEPTANCE CRITERIAL	Р					
Y	7. VERIFY REPAIR ACTIVITIES	0					
Y	8. DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	D					

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INSPECTION **DEFINITIONS:**

1. PERFORM:

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4. CONTINUOUS:

CONSTANT MONITORING OF IDENTIFIED TASKS BY A SPECIAL INSPECTOR OVER THE DURATION OF PERFORMANCE OF SAID TASKS.







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HISH & WILDLIFE SERVICES BON SECOUR NAT'L			BONI SECOLIE VISITOR		CENTER & ADMINISTRATION		BON SECOUR MWR, AL	
								REVISION DESCRIPTION
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H. ST	RUCTURAL - LIGHT GAUGE STEEL F	RAMI	NG AND/OR LIGHT GAUGE TR
LIGHT GA	AUGE STEEL CONSTRUCTION AND CONNECTIONS – VERIFY THE FOLLO 2.2, 1705.11.2, 1705.11.3, UFC 4 023 03	WING ARE	IN COMPLIANCE
INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. TRUSSES SPANNING 60-FEET OR GREATER WHERE/IF APPLIES	Ρ	VERIFY THAT TEMPORARY AND PERMANENT TRUSS F INSTALLED IN ACCORDANCE WITH APPROVED TRUSS
Y	2. WELDED CONNCECTIONS (SEISMIC AND/OR WIND RESISTING SYSTEM)	Ο	VISUALLY INSPECT ALL WELDS COMPOSING PART OF FORCE RESISTING SYSTEM, INCLUDING SHEARWALLS (DRAG STRUTS), AND HOLD-DOWNS
Y	3. CONNECTIONS (SEISMIC AND/OR WIND RESISTING SYSTEM)	0	VISUALLY INSPECT ALL SCREW ATTACHMENT, BOLTIN FASTENING OF COMPONENTS WITHIN THE MAIN WINE RESISTING SYSTEM, INCLUDING ROOF DECK, ROOF F COVERING, WALL TO ROOF/FLOOR CONNECTIONS, BI

STRUCTURAL - CONCRETE CONSTRUCTION SECTION

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CONCRETE CONSTRUCTION, INCLUDING COMPOSITE DECK – VERIFY THE FOLLOWING ARE IN COMPLIANCE IBC TABLE 1705.3 (ACI 318 REFERENCES NOTED IN IBC TABLE)

STRUTS) AND HOLD-DOWNS

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INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT	0	VERIFY PRIOR TO PLACING CONCRETE THAT REINFORD IS OF SPECIFIED TYPE, GRADE AND SIZE; THAT IS FREE OF OIL, DIRT AND UNACCEPTABLE RUST; THAT IS LOCATED AND SPACED PROPERLY; THAT HOOKS, BEND TIES, STIRRUPS AND SUPPLEMENTAL REINFORCEMENT PLACED CORRECTLY; THAT LAP LENGTHS, STAGGER AN OFFSETS ARE PROVIDED; AND THAT ALL MECHANICAL CONNECTIONS ARE INSTALLED PER THE MANUFACTURI INSTRUCTIONS AND/OR EVALUATION REPORT
Y	2. REINFORCING BAR WELDING	0	 VERIFY WELDABILITY OF REINFORCING BARS OTHER ASTM A 706 INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16 IN ACCORDANCE WITH AWS D1.4
Y	3. ALL OTHER WELDING	С	VISUALLY INSPECT ALL WELDS IN ACCORDANCE WITH A D1.4
Y	4. CAST IN PLACE ANCHORS AND POST INSTALLED DRILLED ANCHORS (DOWNWARD INCLINED)	0	VERIFY PRIOR TO PLACING CONCRETE THAT CAST IN PLACE ANCHOR AND POST INSTALLED DRILLED ANCHO HAVE PROPER EMBEDMENT, SPACING AND EDGE DISTA
Y	5. POST-INSTALLED ADHESIVE ANCHORS IN HORIZONTAL OR UPWARD INCLINED ORIENTATION	C & D	 INSPECT AS REQUIRED PER APPROVED ICC-ES REPO VERIFY THAT INSTALLER IS CERTIFIED FOR INSTALLA OF HORIZONTAL AND OVERHEAD APPLICATIONS INSPECT PROOF LOADING AS REQUIRED BY THE CONTRACT DOCUMENTS
Y	6. VERIFY USE OF REQUIRED MIX DESIGN	0	VERIFY THAT ALL MIXES USED COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS
Y	7. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORMSLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	С	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRIC SPECIMENS FOR STRENGTH TEST VERIFY THESE TESTS ARE PERFORMED BY QUALIFIED TECHNICIANS
Y	8. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	С	VERIFY PROPER APPLICATION TECHNIQUES ARE USED DURING CONCRETE CONVEYANCE AND DEPOSITING AV SEGREGATION OR CONTAMINATION. VERIFY THAT CON
Y	9. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUE	0	INSPECT CURING, COLD WEATHER PROTECTION, AND H WEATHER PROTECTION PROCEDURES
Y	10. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	0	

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RUSSES SECTION

RESTRAINT/BRACING IS SUBMITTAL PACKAGE.

F THE MAIN WIND OR SEISMIC S, BRACES, COLLECTORS

NG, ANCHORING AND OTHER D OR SEISMIC FORCE FRAMING, EXTERIOR WALL RACES, COLLECTORS (DRAG

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J. STRUCTURAL - MASONRY CONSTRUCTION SECTION (ALL RISK CATEGORIES) MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE AT START OF CONSTRUCTION IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3) INSP TYPE INSP TASK DESCRIPTION REQ ? Y 1. COMPLIANCE WITH APPROVED SUBMITTALS PRIOR TO START 0 Y 2. PROPORTIONS OF SITE-MIXED MORTAR 0 0 3. GRADE AND TYPE OF REINFORCEMENT, ANCHOR BOLTS, AND Y ANCHORAGES MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE <u>PRIOR TO</u> GROUTING IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3) INSP REQ? INSP TYPE TASK DESCRIPTION 0 Y 4. GROUT SPACE Y 5. PLACEMENT OF MASONRY UNITS AND MORTAR JOINTS 0 Y 6. WELDING OF REINFORCEMENT С MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE <u>DURING</u> CONSTRUCTION IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3) INSP INSP TYPE TASK DESCRIPTION REQ ? 7. SIZE AND LOCATION OF STRUCTURAL ELEMENTS 0 Υ IS IN COMPLIANCE Y 8. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY 0 DURING COLD WEATHER (TEMPERATURE BELOW 40 DEGREES (4.4 DEGREES CELSIUS) OR HOT WEATHER (TEMP ABOVE 9 DEGREES FARENHEIT 932.2 DÉGRESS CELSIUS) 9. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR 0 Y SPECIMENS, AND/OR PRISMS

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10. TYPE, SIZE AND PLACEMENT OF REINFORCEMENT, CONNECTORS,

ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR

ANCHOR BOLTS AND ANCHORAGES, INDLUDING DETAILS OF

K. GEOTECHNICAL - SOILS INSPECTION SECTION

SOILS INSPECTION - VERIFY THE FOLLOWING ARE IN COMPLIANCE ...

OTHER CONSTRUCTION

Y

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INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	0	
Y	2. EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		
Y	3. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	С	
Y	4. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	Ο	DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SI PROPER MATERIALS AND PROCEDURES ARE USED IN THE PROVISIONS OF THE APPROVED GEOTECHNICAL I

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FISH & WILDLIFE SERVICES BON SECOUR NAT'L WILDLIFE REFUGE	BON SECOUR VISITOR	CENTER & AUMINISTRATION BON SECOUR MWR, AL				
		REVISION DESCRIPTION				
		DATE				
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CFS SHEAR WALL SCHEDULE							
ORDS	DIAGONA	L STRAPS	HOLDDOWN (NOTE 2)				
ERIOR	"A"	"B"	PRODUCT	SCEWS	ANCHOR	EMBEDMENT	
0S250-68	6" x 54 MIL	6" x 54 MIL	(1) CD8	(17) #14	7/8" DIA	0' - 10"	
0S250-68	6" x 54 MIL	6" x 54 MIL	(1) CD8	(17) #14	7/8" DIA	0' - 10"	
0-68 (BOXED)	6" x 68 MIL	6" x 68 MIL	(2) CD10	(23) #14	7/8" DIA	0' - 10"	
0S250-68	6" x 54 MIL	6" x 54 MIL	(1) CD8	(17) #14	7/8" DIA	0' - 10"	









Wilev Wilson	Constant Progress	5901 Peachtree Dunwoody Road, Building C S Atlanta GA 303281 678	wileywilson.com 100% Employee	Certificate of Authorization Number: PEF003408 Expiration: 06
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FISH & WILDLIFE SERVICES BON SECOUR NAT'L WILDLIFE REFUGE	BON SECOUR VISITOR	CENTER & ADMINISTRATION		BON SECOUR MWR, AL

COMM NO: 230182.00 05/02/2024 DATE: JH DESIGN: DRAWN: CHECK: SHEET TITLE STRUCTURAL SECTIONS

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							Constant Progress			5901 Peachtree Dunwoodv Road, Building C I Suite 515	Atlanta, GA 30328 678.320.1888	wileywilson.com 100% Employee-Owned
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WALL WIND PRESSURES (PSF)					
LOCATION	EFFECTIVE AREA <= 10FT2	EFFECTIVE AREA <= 500FT2			
1	-90.7	-56.2			
1	+67.7	+50.5			
2	-73.4	-56.2			
	+67.7	+50.5			

NOTES:

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- Ae DENOTES EFFECTIVE AREA.
 WIND PRESSURES ARE ULTIMATE VALUE.
 FOR INTERMEDIATE AREAS OF AFFECTED, LINEAR INTERPOLATION IS PERMITTED.
 VALUES SHOWN INCLUDE DIRECTIONALITY FACTOR Kd=0.85.
 PRESSURE MAY NOT BE REDUCED BY 33% NOR MAY ALLOWABLE STRESSES BE
- INCREASED BY 33%.
 POSITIVE VALUES INDICATE WIND PRESSURE TOWARD SURFACE. NEGATIVE WIND PRESSURES INDICATES WIND PRESSURE AWAY FROM THE SURFACE.
 ALL WIND PRESSURES ACT NORMAL TO THE SURFACE.

	VIIEY VIISON Constant Progress	5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned
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PROFESSIONAL	S/2/2024	(Maken
FISH & WILDLIFE SERVICES BON SECOUR NAT'L WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION	BON SECOUR MWR, AL
		REVISION DESCRIPTION
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ROOF UPLIFT LOADING									
EFFECTIVE	LC)W ROOF P	RESSURE (PSF)	HIGH ROOF PRESSURE (PSF)				
WIND AREA	ZONE 3	ZONE 2e	ZONE 2r	ZONE 1	ZONE 3	ZONE 2e	ZONE 2r	ZONE 1	
< 10 FT2	-113.6	-113.6	-148.0	-84.9	-159.5	-159.5	-148.0	-113.6	
≤ 10 F I*	+50.5	+50.5	+50.5	+50.5	+50.5	+50.5	+50.5	+50.5	
≥ 500 FT²	-73.4	-73.4	-84.9	-67.7	-73.4	-73.4	-84.9	-67.7	
	+27.5	+27.5	+27.5	+27.5	+27.5	+27.5	+27.5	+27.5	

1.	WIND PRESSURES SHOWN ARE U
	LEVEL LOADS IS PERMITTED.
2.	LINEAR INTERPOLATION IS NOT PI
3.	(-) NEGATIVE PRESSURES ACT OL
4.	(+) POSITIVE PRESSURE ACT INW/
5.	ROOF COMPONENTS AND FASTER
6.	VALUES SHOWN INCLUDE DIRECT
7.	PRESSURE MAY NOT BE REDUCE
Q	NET LIDUET MUST BE CALCULATE

(-) NEGATIVE PRESSURES ACT OUTWARD (AWAY FROM THE ROOF SURFACE.
 (+) POSITIVE PRESSURE ACT INWARD (TOWARDS) THE BUILDING.
 ROOF COMPONENTS AND FASTENERS MUST BE DESIGNED FOR THE WIND PRESSURES SHOWN IN THE TABLE AND DIAGRAM.
 VALUES SHOWN INCLUDE DIRECTIONALITY FACTOR Kd=0.85.
 PRESSURE MAY NOT BE REDUCED BY 33% NOR MAY THE ALLOWABLE STRESSES BE INCREASED BY 33%.
 NET UPLIFT MUST BE CALCULATED USING THE APPROPRIATE LOAD COMBINATIONS FROM IBC AND AISC 7.
 LOADS PROVIDED ARE FOR WIND LOAD ONLY, DEAD LOADS HAVE NOT BEEN INCLUDED.



1. WIND PRESSURES SHOWN ARE ULTIMATE WIND LOADS PER ASCE 7-16. THE USE OF A 0.6 FACTOR TO COVERT DESIGN LEVEL WIND LOADS TO SERVICE

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PERMITTED. DUTWARD (AWAY FROM THE ROOF SURFACE.



AA/C - AIR CONDITION AB - ANCHOR BOLT	D - DEEP/DEPTH, DRYER DBL - DOUBLE	I IBC - INTERNATIONAL BUILDING CODE IBC - INTERNATIONAL BUILDING CODE
ABA - ARCHITECTURAL BARRIERS ACT ABBRV - ABBREVIATION	DEG - DEGREE DEMO - DEMOLITION	IN INCHES
AC - ACOUSTICAL ACC - ACCESSIBLE	DEG - DEGREE DET - DETAIL	INFO - INFORMATION INS(UL) - INSULATION/INSULATED
ACS PNL - ACCESS PANEL		INSTL - INSTALL
ACT - ACOUSTICAL CEILING TILE ACOUS - ACOUSTIC(AL)	DH - DOUBLE HUNG (DOOR WINDOW) DIA(M) - DIAMETER	INV - INVERT
ACU - AIR CONDITIONING UNIT ADA - AMERICAN WITH DISABILITIES ACT	DIAG - DIAGONAL DIM - DIMENSION	J
ADDM - ADDENDUM	DIST - DISTANCE	JAN - JANITOR
AED - AUTOMATIC EXTERNAL	DOR - DESIGNER OF RECORD	JST - JOIST
DEFIBRILLATOR AFF - ABOVE FINISH FLOOR	DR - DOOR DS - DOWN SPOUT	JT - JOINT
AHU - AIR HANDLING UNIT AI T - AI TERNATE	DUPL - DUPLICATE DW - DISHWASHER	KKIT - KITCHEN
ALUM - ALUMINUM	DWG(S) - DRAWING(S)	
ANOD - ANODIZE APP - APPLICABLE	EEA - EACH	L - LENGTH LAM - LAMINATE(D)
APPROX - APPROXIMATE ARCH - ARCHITECT(URAL)	EJ - EXPANSION JOINT EL (EV) - EL EVATION, EL EVATOR	LAV - LAVATORY I B - POUND
ASB - ASBESTOS	ELEC - ELECTRICAL, ELECTRIC	LF - LINEAR FEET (FOOT)
ASWG - AMERICAN STEEL WIRE GAUGE AVE - AVERAGE	ENCL - ENCLOSURE ENGR - ENGINEER	LLH - LONG LEG HORIZONTAL LLV - LONG LEG VERTICAL
AWC - ACRYLIC WALL COVERING	ENVIR - ENVIRONMENT EP - ELECTRICAL PANELBOARD	LOC - LOCATION I R - LIVING ROOM
В В - ВОТТОМ	EPDM - ETHYLENE PROPYLENE DIENE	LRG - LARGE
B LABEL - CLASS B DOOR	MONOMER EQ - EQUAL	LI - LIGHI
dai - daiien, baiiery BD - BOARD	EQ(UIP) - EQUIPMENT ETR - FXISTING TO REMAIN	M M - MAI F
BDRY - BOUNDARY BKBD - BACKBOARD	ETC - ETCETERA	MACH - MACHINE
BKD - BACKING	EWC - ELECTRIC WATER COOLER	MAINT - MAINTENANCE MAS - MASONRY
BLW - BELOW	EWH - ELECTRIC WATER HEATER FXH - FXHAUST	MAT(L) - MATERIAL MAX - MAXIMUM
BM - BEAM BMS - BEAMS	EX(IST) - EXISTING	MECH - MECHANICAL
BOT - BOTTOM	EXP - EXPOSED EXT - EXTERIOR	MEZZ - MEZZANINE MFR - MANUFACTURER
BRG - BEARING	F	MH - MOUNTING HEIGHT MIN - MINIMUM
3S - BOTH SIDES 3TWN - BETWEEN	FCU - FAN COIL UNIT	MISC - MISCELLANEOUS
BUR - BUILT UP ROOFING	FD - FLOOR DRAIN FDTN - FOUNDATION	MO - MASONRY OPENING MOD - MODIFY, MODEL
B-U - BUILT-UP	FE - FIRE EXTINGUISHER	MRT - MARBLE THRESHOLD MT - METAL THRESHOLD
с	FF - FINISH FLOOR	MTL - METAL
C - CONTINUED	FF&E - FURNITURE, FIXTURE & EQUIPMENT FIN - FINISH	N
C TO C - CENTER TO CENTER	FIXT - FIXTURE	N(/)A - NOT APPLICABLE
CAB - CABINET CALC - CALCULATE(D)	FL(R) - FLOOR	NIC - NOT IN CONTRACT NL - NIGHT LIGHT
CB - CERAMIC BASE	FLOUR - FLUORESCENT FNV - FEMALE NAPKIN/TAMPON VENDOR	NO NUMBER
CER - CERAMIC	FR - FIRE RATING, FRAME	NTS - NOT TO SCALE
CF - CUBIC FEET CFCI - CONTRACTOR FURNISHED.	FRT - FIRE RETARDANT TREATED	
	FSTNR - FASTENER FT - FEET (FOOT)	OC - ON CENTER
CG - CORNER GUARD	FTD - FACIAL TISSUE DISPENSER	OCC - OCCUPANT/OCCUPANCY OD - OUTSIDE DIAMETER
CIR - CIRCLE CJ - CONSTRUCTION/CONTROL JOINT	FURG - FURRING	OH - OVERHEAD/ OVERHANG OPNG - OPENING
CL - CENTER LINE	FURN - FURNITURE FWC - FABRIC WALLCOVERING	OPP - OPPOSITE
CLG - CEILING	<u>G</u>	OPH - OPPOSITE HAND ORD - OVERFLOW ROOF DRAIN
CLO - CLOSET CLR - CLEAR	GA - GAUGE	Р
CNTR - COUNTER	GALV - GALVANIZED GB - GRAB BAR	PANEL'G - PANELING
COL - COLUMN	GC - GENERAL CONTRACTOR GEN - GENERAL	PCF - POUNDS PER CUBIC FOOT
COMM - COMMUNICATION CONC - CONCRETE	GFCI - GOVERNMENT FURNISHED,	PEMB - PRE-ENGINEERED METAL BUIL PL - PLATE
CONST - CONSTRUCTION	GFGI - GOVERNMENT FURNISHED,	PLAS - PLASTER, PLASTIC
CONTR - CONTRACTOR	GOVERNMENT INSTALLED GLZ - GLAZING	PLAM - PLASTIC LAMINATE PLBG - PLUMBING
COORD - COORDINATE CORR - CORRIDOR	GOVT (GOV'T) - GOVERNMENT	PL(Y)WD - PLYWOOD PNL - PANEL
COTR - CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE	GR - GRILLE	
COV - COVER	GWB - GYPSUM WALL BOARD GYP - GYPSUM	PRMLD - PREMOLDED
CRS - COURSE		PSF - POUNDS PER SQUARE FOOT PT - PRESSURE TREATED / PAINT
CSWK - CASEWORK CT - CERAMIC TILE	HB - HOSE BIB	PTD - PAPER TOWEL DISPENSER
CTG - COATING	HC - HANDICAP/HOLLOW CORE HDR - HEADER	PTR - PAPER TOWEL RECEPTACLE
CUST - CUSTODIAN		
	HNDRL - HANDRAIL	
	HORIZ - HORIZONTAL HR - HOUR	
	Η(G)Τ - ΗΕΙGΗΤ Ηνας - μεατινό νεντιμάτιον αιθ	
	CONDITIONING	

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R	SYMB	OLS	
R - RISER/RADIUS RA - RETURN AIR	& Ø		AND AT
RB - RUBBER BASE	L		ANGLE
RCP - REFLECTED CEILING PLAN	£,	MODE	CENTERLINE
RD - ROOF DRAIN REC - RECOMMEND(ED)	±, +/- #	MORE	
REF - REFRIGERATOR, REFERENCE	#		NUMBER
REFL - REFLECT	Х		REFERENCE LETTER
REINF - REINFORCING	S_		STEEL LINE
REQ(D) - REQUIRE(D) RESIL - RESILIENT			
RG - RETURN AIR GRILLE			
RM - ROOM			
RND - ROUND			
RO - ROUGH OPENING			
S			
S - STEEL SAFB - SOUND ATTENTUATION FIRE BLANK	FT		
S/L - STEEL LINE	- '		
SC - SOLID CORE			
SCWD - SOLID CORE WOOD DOOR SECT - SECTION			
SF - SQUARE FOOT (FEET)			
SGL - SINGLE			
SHR - SHOWER			
SIT - SIEET SIM - SIMILAR			
SND - SOUND			
SPEC(S) - SPECIFICATIONS			
SQ - SQUARE			
ST - STAINLESS STEEL ST - STREET/ STAIRS			
STC - SOUND TRANSMISSION COEFFICIENT			
STD - STANDARD			
STD(NT) - STUDENT			
STOR - STORAGE			
STR - STRUCTURE, STRUCTURAL			
SUSP - SUSPEND, SUSPENDED			
Τ			
T - TREAD			
T.O TOP OF			
TB - TO BE DETERMINED			
TC - TOP OF CURB			
TD - TOWEL DISPENSER			
TECH - TECHNOLOGY/ TECHNICAL			
TEL - TELEPHONE TEMP - TEMPORARY, TEMPERATURE			
THK - THICKNESS			
THRESH - THRESHOLD			
THRU - THROUGH			
TOC - TOP OF CONCRETE			
TOF - TOP OF FLOOR			
TOM - TOP OF MASONRY			
TON - TOP OF SLAB, TOP OF STEEL			
TPD - TOILET PAPER DISPENSER			
TPH - TOILET PAPER HOLDER			
TRANS - TRANSLUCENT			
TYP - TYPICAL			
U			
UNO - UNLESS NOTED OTHERWISE			
VAR - VARIES			
VB - VINYL BASE			
VCT - VINYL COMPOSITION TILE			
VEST - VESTIBULE VIE - VERIEY IN FIFI D			
VR - VAPOR RETARDER			
VTR - VENT TROUGH ROOF			
VWC - VINYL WALL COVERING			
W			
W - WIDE, WASH, WASHER			
W/O - WITHOUT			
WB - WOOD BASE			
WC - WALL COVERING/ WATER CLOSET			
WD - WOOD/ WOOD DOOR			
WR - WATER RESISTANT			
WWF - WELDED WIRE FABRIC			

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SECTION
WOOD - ROUGH
WOOD BLOCKING
PLYWOOD
CONCRETE MASONRY UNIT
BRICK
CAST-IN-PLACE CONCRETE
STEEL
ALUMINUM
GYPSUM BOARD
BATT/LOOSE FILL INSULATION
RIGID INSULATION
SAND / MORTAR / PLASTER
EARTH / COMPACT FILL
POROUS FILL / GRAVEL
ACOUSTICAL TILE CEILING
CERAMIC TILE
FINISHED WOOD

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1 Wiley Wilson Constant Progress MATERIALS LEGEND ELEVATION EIFS - PAINTED CMU - PAINTED CMU - PAINTED - ACCENT GLAZED BLOCK # GLAZING SPANDREL GLAZING / STEEL PANEL ✓ CONCRETE FOUNDATION E of ALA RED AR 8916 BON SECOUR VISITOR CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542 FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE

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GENERAL NOTES & ABBREVIATIONS

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0.00 E stance 00' 00" E stance 00' 00" E	DECIMAL DEGREES DEGREES MINUTES SECONDS	STAIR SUPPOR TAG	T	1t 20R @ 7 1/2"	STANDARD	1 A-501	 DETAIL NUMBER DETAIL TAG SHEET WHERE DRAWN 	
stance	PROPERTY LINE TAG			—— Stair 1	TYPE MARK			
Radius Distance		STRUCTU BEAM SYSTEM	JRAL TAG	eam Type @ Spacing		A1	BUILDING	
1		STRUCTU FRAMING	JRAL	1i	BOXED	A-301		
n name 101	ROOM TAG	TAG		1i	STANDARD			
n name 101 0 SF	ROOM TAG WITH AREA		NCE	1 / A101		A1 A-301	BUILDING SECTION TAG	•
n name 101 Jume	ROOM TAG WITH VOLUME	VERTICA EXTERIO ASSEMBI	L R WALL Y TAG	XX-XX-XX	-		- DIRECTION OF VIEW - ELEVATION NUMBER	
R-XX This is a sample This is a sample	e type comment e comment	WALL TA	G	XXXX		A1 A-301	EXTERIOR ELEVATION TAG	+
1 A101		WINDOW	TAG		-			
1 A101		[Ref		(101)	DOOR NUMBER (REFER TO DOOR SCHEDULE) COOR TAG	•
SIM A101			, Ref	A101 1 2	DETAIL NUMBER			
	3/16" X 1/2"		F	Ref			G	EN
I	3/32" X 3/8"		Ref View Name	Alou 1 Alou 1	DETAIL NUMBER AND VIEW NAME	1 A-501	DETAIL NUMBER	
	1/2" X 3/16" 3/8" X 3/32"	ELEVATION MARKER (SQUARE BODY)	V	Ref Ref			— SHEET WHERE DRAWN	
	ONE WAY SLAB		Ref	Ref View Name	FILLED ARROW	A1 A-301	BUILDING	
↓ 	TWO WAY SLAB		Ref View Name	Alon Name	FILLED ARROW AND VIEW NAME		- SECTION NUMBER	
+		[View Name		A1 A-301	WALL / PARTIAL BUILDING SECTION INDICATOR	•
•		ELEVATION MARK POINTER (SQUARE)	2	Ref View Name	DETAIL NUMBER AND VIEW NAME FILLED ARROW		- DIRECTION OF VIEW - ELEVATION NUMBER	
1t				Ref View Name	FILLED ARROW AND VIEW NAME	A1 A-201	EXTERIOR ELEVATION INDICATOR SHEET WHERE DRAWN	¥
R @ 7 1/2"	STANDARD				l			

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REFLEC1	ED CEILING PLA
SYMBOL	DESCRIP
	2' - 0" X 2' - 0" ACOUSTICAL CEIL
	ACOUSTICAL PANEL CEILING
	GYPSUM BOARD CEILING.
	NO CEILING - EXPOSED TO ROC
(8'-0" AFF) (X'-X")	FINISHED CEILING HEIGHT ABO
	LIGHT FIXTURE. REFER TO ELE
	EMERGENCY LIGHT FIXTURE. R DRAWINGS.
0	2X2 LIGHT FIXTURE (SURFACE S
\bigcirc \bigcirc	LIGHT FIXTURE (RECESSED/SUS
	1X4 LIGHT FIXTURE
·	LINEAR PENDANT - LENGTH VAF DRAWINGS
•	EXIT SIGN. REFER TO ELECTRIC
	ILLUMINATED EXIT SIGN - SHAD TEXT - DIRECTIONAL ARROWS /
OS	OCCUPANCY SENSOR. REFER 1 DRAWINGS.
	CEILING SUPPLY DIFFUSER. RE DRAWINGS.
	CEILING RETURN OR EXHAUST. DRAWINGS.
\bigotimes	MECHANICAL DIFFUSER TERMIN
	MECHANICAL RETURN TERMINA
	MECHANICAL EXHAUST TERMIN

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AN LEGEND	GENERAL SHEET NOTES	515 1888 1888 2024
IPTION ILING TILE. DOF DECK ABOVE. BOVE FINISHED FLOOR ECTRICAL DRAWINGS. REFER TO ELECTRICAL	 DIMENSIONS FOR NEW CONSTRUCTION ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS OTHERWISE NOTED. DIMENSIONS FOR EXISTING TO REMAIN WALLS ARE FROM FACE OF FINISHED ASSEMBLY COORDINATE ALL CEILING SYSTEMS WITH ALL WORK SHOWN ON THE MECHANICAL, PLUMBING, ELECTRICAL, AND FIRE-PROTECTION DRAWINGS FOR ALL CEILING MOUNTED EQUIPMENT, FIXTURES, DIFFUSERS, ETC. ANY CONFLICT WITH FIELD CONDITIONS, DRAWINGS AND/OR OTHER TRADES MUST BE REPORTED IMMEDIATELY UPON DISCOVERY FOR CLARIFICATION PRIOR TO PROCEEDING WITH ASSOCIATED WORK. PROVIDE SAG RESISTANT GYPSUM BOARD ON ALL CEILINGS AND SOFFITS. PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN ALL RESTROOMS UNLESS NOTED OTHERWISE. PROVIDE 5/8" TYPE "X" GYPSUM BOARD ON ALL FIRE-RATED ASSEMBLIES. FOLLOW ASTM C840 AND USG GYPSUM CONSTRUCTION HANDBOOK FOR THE INSTALLATION AND RECOMMENDED LOCATIONS OF CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS. PROVIDE TYPICAL ANNUAL INSPECTION AND CERTIFICATION OF EXISTING BRIDGE CRANES, ALL OF WHICH ARE ASSUMED TO BE IN GOOD WORKING ORDER. 	5901 Peachtree Dunwoody Road, Building C Suite Atlanta, GA 30328 678.320. wileywilson.com 100% Employee-Ow Certificate of Authorization Number: PEF003408 Expiration: 06/30/2
	5 ENSURE THAT LENSES IN LIGHTING FIXTURES ARE CLEAN AND FREE OF DUST, DIRT AND SMUDGES. PLASTIC AND LABELS MUST BE REMOVED FROM ALL LIGHT FIXTURES AT PROJECT COMPLETION	
USPENDED)		
- ,		RERVICE BERVICE
ARIES, SEE ELECTRICAL	# KEYNOTES	
RICAL DRAWINGS.		1
ADE DENOTES FACE W/ S AS INDICATED		
R TO ELECTRICAL		T STAR
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T. REFER TO MECHANICAL		LEANS REGIST
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		FISH & WILDLIFI BON SECOUR WILDLIFE R WILDLIFE R BON SECOUF CENTER & ADMI CENTER & ADMI CULF SHORES,
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EGEND	GENERAL SHEET NOTES	0 0.1888 0.2024
HED 2" STANDING SEAM OF PANEL SYSTEM P MECHANICAL IT (REFER TO MECH S) RECTION	 DIMENSIONS FOR NEW CONSTRUCTION ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS OTHERWISE NOTED. PROVIDE POSITIVE DRAINAGE TO ALL ROOF DRAINS, GUTTERS, AND SCUPPERS. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION OF ALL ROOFING ACCESSORIES AND TRIM INDICATED ON DRAWINGS. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND STANDARD DETAILS FOR THE INSTALLATION OF THE ROOFING SYSTEMS INDICATED. COORDINATE AND VERIFY ALL ROOF PENETRATIONS AND ROOFTOP EQUIPMENT LOCATIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS & SPECIFICATIONS. MECHANICAL EQUIPMENT LOCATIONS ARE SHOWN AS APPROXIMATE. COORDINATE EXACT ITEMS AND LOCATIONS FOR STRUCTURAL SUPPORT AND ROOF PENETRATIONS. PROVIDE WALKPADS AT SERVICE SIDE, TYP. LIGHTNING PROTECTION, REFER TO ELECTRICAL DRAWINGS FOR DETAILS COORDINATE WITH ELECTRICAL DRAWINGS FOR 	5901 Peachtree Dunwoody Road, Building C Su Atlanta, GA 30328 678.32 wileywison.com 100% Employee-Certificate of Authorization Number: PEF003408 Expiration: 06/3
	# KEYNOTES	HISH & WILDLIFE BERVICE SERVICE
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		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE BON SECOUR VISITOR BON SECOUR VISITOR CENTER & ADMINISTRATION CENTER & ADMINISTRATION
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ROOF	PLAN LEGEND		GENERAL SHEET NOTES		iite 515 0.1888 0wned 0/2024
	PRE-FINISHED 2" STANDING SEAM METAL ROOF PANEL SYSTEM ROOF TOP MECHANICAL EQUIPMENT (REFER TO MECH DRAWINGS) SLOPE DIRECTION	1 2 3 4 5 6 8	 DIMENSIONS FOR NEW CONSTRUCTION ARE FROM FACE OF STUD OR FACE OF MASONRY UNLESS OTHERWISE NOTED. PROVIDE POSITIVE DRAINAGE TO ALL ROOF DRAINS, GUTTERS, AND SCUPPERS. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION OF ALL ROOFING ACCESSORIES AND TRIM INDICATED ON DRAWINGS. FOLLOW MANUFACTURER'S RECOMMENDATIONS AND STANDARD DETAILS FOR THE INSTALLATION OF THE ROOFING SYSTEMS INDICATED. COORDINATE AND VERIFY ALL ROOF PENETRATIONS AND ROOFTOP EQUIPMENT LOCATIONS WITH PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS & SPECIFICATIONS. MECHANICAL EQUIPMENT LOCATIONS ARE SHOWN AS APPROXIMATE. COORDINATE EXACT ITEMS AND LOCATIONS FOR STRUCTURAL SUPPORT AND ROOF PENETRATIONS. PROVIDE WALKPADS AT SERVICE SIDE, TYP. LIGHTNING PROTECTION, REFER TO ELECTRICAL DRAWINGS FOR DETAILS. COORDINATE WITH ELECTRICAL DRAWINGS. 		VIIGY I VIISOUT Constant Progress 5901 Peachtree Dunwoody Road, Building C Su Atlanta, GA 30328 678.32 wileywilson.com 100% Employee-C Certificate of Authorization Number: PEF003408 Expiration: 06/3
		#	KEYNOTES	U.S. FISH & WILDLIFE SERVICE	
				C C	N 8916 SPEDARCHITIC
				FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
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1 2 3 4 5 6	GENERAL SH WHERE COLOR IS SHOWN AS BE MANUFACTURER, AN EQUIVALEN MANUFACTURERS AND MATERIA TO LIMIT THE SELECTION OF EQU MANUFACTURERS. PRIOR TO PR COLOR SELECTIONMUST BE PER REFER TO HORIZONTAL AND VER COLOR SELECTIONMUST BE PER REFER TO HORIZONTAL AND VER SHEETS A-601 THRU A-603 FOR E ASSEMBLY. REFER TO DOOR SCHEDULE FOR SHEETS A-601 THRU A-603 FOR E ASSEMBLY. REFER TO DOOR SCHEDULE FOR SHINSH AND STYLE. REFER TO WALL SECTION SHEET AND DIMENSIONS. CONTROL JOINT LOCATIONS IND CONFLICT WITH LINTELS. MOVEN DIRECTION, WALL OPENINGS, CH	ING SPECIFIC TO ONE ING SPECIFIC TO ONE IT COLOR BY ANOTHEF TTED FOR APPROVAL. LS SPECIFIED ARE NO JAL COLORS FROM OT OCURING MATERIAL TH COLORS FROM OT OCURING WALL AND RE FOR WINDOW TYPES, F IS FOR ADDITIONAL INF ICATED ARE APPROXIM OCATIONS IN FIELD TO MENT JOINTS AT CHANG	R T INTENDED HER HE FINAL AILS ON OOF TYPES, RAME TYPES, FORMATION MATE. AVOID GES IN WALL ITS, E SUPPORTS		Constant Progress 5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
7 8 #	CHANGES IN WALL MATERIALS, A TYPICALLY ALL CAULK/SEALANT ADJACENT MATCH THEIR RESPECTIVE COLO OTHERWISE. REFER TO AND COORDINATE WIT AND ELECTRICAL DRAWINGS FO QUANTITIES OF EXTERIOR LIGHT	TO WINDOWS/DOOR FF DRS UNLESS SPECIFIEI TH THE MECHANICAL, F R THE LOCATIONS, SIZ TS, LOUVERS AND VENT	Le Supports, Rames Must D Plumbing Es and TS.	U.S. FISH & WILDLIFE SERVICE	
1 2 3	INSTALL WALL MOUNTED ART FUR COORDINATE INSTALLATION WITH REQUIRED BLOCKING, ANCHORING REQUIRED ASSUME DEAD LOAD OF INSTALL AND PROCURE CAST MET CONFIRM FINAL SIGNAGE VERBIAG ORDERING AND INSTALLING. INSTALL AND PROCURE WALL MOU COORDINATE INSTALLATION WITH REQUIRED BLOCKING, ANCHORING REQUIRED ASSUME DEAD LOAD OF	NISHED BY GOVERNME GOVERNMENT AND PR PER LOADING REQUIF F 200 LBS. AL LETTERING & USFW GE WITH USFWS PRIOR JNTED INFORMATION K GOVERNMENT AND PR G PER LOADING REQUIF F 200 LBS.	ENT. ROVIDE REMENTS AS /S LOGO. TO NOS. ROVIDE REMENTS AS	SATTE OF ALACH	SPECIAL ENCLIPTION
MARK M01 M02 M03 M04	ELEVATION FIN BOD MFR SOUTH ALABAMA BRICK COMPANY BASIS OF DESIGN MANUFACTURER PAC-CLAD PAC-CLAD	BOD PRODUCT COMMON BRICK MASONRY 1 3/4" HIGH STANDING SEAM SNAP-CLAD PANEL PAC-TITE GOLD GUTTER & DOWNSPOUTS STORM DEFENDER	ULE COLOR SEASPRAY KLAYCOAT SILVER SMITH MATCH M03	FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
M06 M07 M08	ARCHITECTURAL MALL, INC ARCHITECTURAL MALL, INC BASIS OF DESIGN MANUFACTURER	FIBERGLASS BEAM WRAP FRP COLUMN WRAP	WINDOW TRIM WHITE WHITE		REVISION DESCRIPTION
			PLAN NORTH	COMM NO: DATE: 05 DRAWN: NXE CHECK: SHEET TITLE	230182 5/02/2024 DESIGN: NXE SAT
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	GENERAL SH	EET NOTES				515 888 ned
1 2 3 4 5 6	 WHERE COLOR IS SHOWN AS BE MANUFACTURER, AN EQUIVALE MANUFACTURER MAY BE SUBM MANUFACTURERS AND MATERIA TO LIMIT THE SELECTION OF EC MANUFACTURERS. PRIOR TO PE COLOR SELECTIONMUST BE PE REFER TO HORIZONTAL AND VE SHEETS A-601 THRU A-603 FOR ASSEMBLY. REFER TO DOOR SCHEDULE FO FINISH AND STYLE. REFER TO WINDOW SCHEDULE FINISH AND STYLE. REFER TO WALL SECTION SHEE AND DIMENSIONS. CONTROL JOINT LOCATIONS INIT COORDINATE CONTROL JOINT L CONFLICT WITH LINTELS. MOVE 	 WHERE COLOR IS SHOWN AS BEING SPECIFIC TO ONE MANUFACTURER, AN EQUIVALENT COLOR BY ANOTHER MANUFACTURER MAY BE SUBMITTED FOR APPROVAL. MANUFACTURERS AND MATERIALS SPECIFIED ARE NOT INTENDED TO LIMIT THE SELECTION OF EQUAL COLORS FROM OTHER MANUFACTURERS. PRIOR TO PROCURING MATERIAL THE FINAL COLOR SELECTIONMUST BE PER USFWS APPROVAL. REFER TO HORIZONTAL AND VERTICAL ASSEMBLY DETAILS ON SHEETS A-601 THRU A-603 FOR EXTERIOR WALL AND ROOF ASSEMBLY. REFER TO DOOR SCHEDULE FOR DOOR TYPES, FRAME TYPES, FINISH AND STYLE. REFER TO WINDOW SCHEDULE FOR WINDOW TYPES, FRAME TYPES, FINISH AND STYLE. REFER TO WALL SECTION SHEETS FOR ADDITIONAL INFORMATION AND DIMENSIONS. CONTROL JOINT LOCATIONS INDICATED ARE APPROXIMATE. COORDINATE CONTROL JOINT LOCATIONS IN FIELD TO AVOID CONFLICT WITH LINTELS. MOVEMENT JOINTS AT CHANGES IN WALL DIRECTION, WALL OPENINGS, CHANGES IN WALL HEIGHTS, CHANGES IN WALL MATERIALS, AND BELOW SELF ANGLE SUPPORTS, 				
7 8 [#	DIRECTION, WALL OPENINGS, C CHANGES IN WALL MATERIALS, TYPICALLY ALL CAULK/SEALANT ADJACENT MATCH THEIR RESPECTIVE COL OTHERWISE. REFER TO AND COORDINATE W AND ELECTRICAL DRAWINGS FO QUANTITIES OF EXTERIOR LIGH	HANGES IN WALL HEIGH AND BELOW SELF ANGL TO WINDOWS/DOOR FF ORS UNLESS SPECIFIEN ITH THE MECHANICAL, F OR THE LOCATIONS, SIZ TS, LOUVERS AND VENT	its, Le Supports, Rames Must D Plumbing Es And Ts.	U.S. FISH & WILDLIFE SERVICE		
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MARK M01 M02 M03	ELEVATION FIN BOD MFR SOUTH ALABAMA BRICK COMPANY BASIS OF DESIGN MANUFACTURER PAC-CLAD	BOD PRODUCT COMMON BRICK MASONRY 1 3/4" HIGH STANDING SEAM SNAP-CLAD	COLOR SEASPRAY KLAYCOAT SILVER SMITH	E SERVICES NATIONAL	A VISITOR	lg RD.
MARK M01 M02 M03 M04	ELEVATION FIN BOD MFR SOUTH ALABAMA BRICK COMPANY BASIS OF DESIGN MANUFACTURER PAC-CLAD PAC-CLAD	BOD PRODUCT COMMON BRICK MASONRY 1 3/4" HIGH STANDING SEAM SNAP-CLAD PANEL PAC-TITE GOLD GUTTER & DOWNSPOUTS STORM DEFENDED	COLOR SEASPRAY KLAYCOAT SILVER SMITH MATCH M03	WILDLIFE SERVICES SECOUR NATIONAL	SECOUR VISITOR	12295 STRONG RD.
MARK M01 M02 M03 M04 M05 M06	ELEVATION FIN BOD MFR SOUTH ALABAMA BRICK COMPANY BASIS OF DESIGN MANUFACTURER PAC-CLAD PAC-CLAD COOKSON	BOD PRODUCT COMMON BRICK MASONRY 1 3/4" HIGH STANDING SEAM SNAP-CLAD PANEL PAC-TITE GOLD GUTTER & DOWNSPOUTS STORM DEFENDER FIBERGLASS BEAM	ULE COLOR SEASPRAY KLAYCOAT SILVER SMITH MATCH M03 MATCH WINDOW TRIM WHITE	SH & WILDLIFE SERVICES 30N SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR	12295 STRONG RD.
MARK M01 M02 M03 M04 M05 M05 M06 M07 M08	ELEVATION FIN BOD MFR SOUTH ALABAMA BRICK COMPANY BASIS OF DESIGN MANUFACTURER PAC-CLAD PAC-CLAD COOKSON ARCHITECTURAL MALL, INC ARCHITECTURAL MALL, INC BASIS OF DESIGN MANUFACTURER	BOD PRODUCT COMMON BRICK MASONRY 1 3/4" HIGH STANDING SEAM SNAP-CLAD PANEL PAC-TITE GOLD GUTTER & DOWNSPOUTS STORM DEFENDER FIBERGLASS BEAM WRAP FRP COLUMN WRAP 	ULE COLOR SEASPRAY KLAYCOAT SILVER SMITH MATCH M03 MATCH M03 MATCH WINDOW TRIM WHITE WHITE	FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR	
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A3 WALL SECTION SCALE: 3/4" = 1'-0" (A-301)

0 9" 1'-6"

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	GENERAL SHEET NOTES		e 515 .1888 wned /2024
	 EQUIPMENT AND FIXTURES SHOWN ARE GENERAL REPRESENTATIONS. SEE SHEETS A-701 FOR FINISH SCHEDULE AND FINISH LEGEND/PLAN. VERIFY AND COORDINATE INSTALLATION OF TOILET ACCESSORIES AND REQUIRED BLOCKING FOR THE WALL CONSTRUCTION INDICATED. REINFORCE STUD WALLS FOR MOUNTING EQUIPMENT AND PROVIDE BLOCKING FOR TOILET ACCESSORIES. WHERE RECESSED IN RATED WALL, EITHER EXTEND FULL RATING AROUND ITEM OR PROVIDE RATED ITEM TO MAINTAIN INTEGRITY. INSTALL ALL EQUIPMENT AND FIXTURES PER MANUFACTURER REQUIREMENTS, U.N.O. MAINTAIN ALL REQUIRED CLEARANCES, TYP ALL RESTROOMS. COORDINATE WITH PLUMBING DRAWINGS FOR ACCESS PANEL LOCATIONS. COORDINATE FLOOR DRAIN LOCATIONS SO THAT THEY COINCIDE WITH 2 CORNER JOINTS ON THE TILE PATTERN. INSULATE OR PROTECT EQUIPMENT FROM CONTACT ALL EXPOSED PIPES. ALL EXPOSED PIPING UNDER LAVATORY MUST HAVE ADA/ANSI A117.1 COMPLIANT PIPE INSULATION. TOILET FLUSH HANDLE MUST BE INSTALLED ON THE WIDE SIDE OF THE TOILET FLUSH HANDLE MUST BE INSTALLED ON THE WIDE SIDE OF THE 	Milav Milaon®	Constant Progress 5901 Peachtree Dunwoody Road, Building C Sui Atlanta, GA 30328 678.320 wileywilson.com 100% Employee-C certificate of Authorization Number: PEF003408 Expiration: 06/30
DIAGRAMS	 IOILET (TRANSFER SIDE) ADJACENT TO THE LAVATORY/STALL. IF LOCATION OR HEIGHT CONFLICT OCCURS, COORDINATE WITH DOR PRIOR TO INSTALLING ACCESSORY. AS A GUIDELINE MOUNT THE OPERATING FEATURE AND/OR RECEPTACLE 40" AFF PROVIDE WALL STOPS ON HANDICAP TOILET STALL DOORS. PROVIDE WATERPROOF MEMBRANE UNDER FLOOR TILE AND CONTINUOUS PERIMETER FLASHING TURNED UP 6" ABOVE FLOOR TILE ELEVATION. PRE-FABRICATED SHOWER STALL 	FISH & WILDLIFE SERVICE	TOWNSHIP
		ALAR OF ALAR	SUID SUID STERED ARCHINE
		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
			REVISION DESCRIPTION
		COMM NO: DATE: 0! DRAWN: NXE CHECK:	230182 5/02/2024 DESIGN: NXE SAT
		SHEET TITLE SHOWER A DIAG SHT. NO. A-402	CCESSORY RAMS REV. NO.

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	TOILET ACCESSORIES SCHEDUL				
		SEE SHEET A-401 & A-402 FOR ADDITIONAL ACCESSORIES AN	ND DETAILS, TYP.		
TYPE	TYPE/MODEL	DESCRIPTION	BASIS OF DESIGN MFR		
TA-1	GRAB BAR T-1A AND TA-1B	GRAB BAR, SEE SHEET A-401			
TA-6	MIRROR/ 18Wx30H B-165 1830	Bobrick B-165 18Wx30H Channel Frame Mirror	Bobrick Washroom Equipment, Inc.		
TA-7	WASTE RECEPTACLE	Toilet Accessory as Specified in 10 28 13	American Specialties, Inc.		
TA-9	UTILITY SHELF / B-239	Bobrick B-239 Utility Shelf with Rag Hooks and Broom Holders	Bobrick Washroom Equipment, Inc.		
TA-11	BABY CHANGING STATION / KB200-05SS	Bobrick Horizontal Baby Changing Station - Koala Kare KB200-05SS	Bobrick Washroom Equipment, Inc.		

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Body Material Metal - Stainless Steel	 GENERAL SHEET NOTES EQUIPMENT AND FIXTURES SHOWN ARE GENERAL REPRESENTATIONS. SEE SHEETS A-701 FOR FINISH SCHEDULE AND FINISH LEGEND/PLAN. VERIFY AND COORDINATE INSTALLATION OF TOILET ACCESSORIES AND REQUIRED BLOCKING FOR THE WALL CONSTRUCTION INDICATED. REINFORCE STUD WALLS FOR MOUNTING EQUIPMENT AND PROVIDE BLOCKING FOR TOILET ACCESSORIES. WHERE RECESSED IN RATED WALL, EITHER EXTEND FULL RATING AROUND ITEM OR PROVIDE RATED ITEM TO MAINTAIN INTEGRITY. INSTALL ALL EQUIPMENT AND FIXTURES PER MANUFACTURER REQUIREMENTS, U.N.O. MAINTAIN ALL REQUIRED CLEARANCES, TYP ALL RESTROOMS. COORDINATE WITH PLUMBING DRAWINGS FOR ACCESS PANEL LOCATIONS. COORDINATE FLOOR DRAIN LOCATIONS SO THAT THEY COINCIDE WITH 2 CORNER JOINTS ON THE TILE PATTERN. INSULATE OR PROTECT EQUIPMENT FROM CONTACT ALL EXPOSED PIPES. ALL EXPOSED PIPING UNDER LAVATORY MUST HAVE ADA/ANSI A117.1 COMPLIANT PIPE INSULATION. TOILET FLUSH HANDLE MUST BE INSTALLED ON THE WIDE SIDE OF THE TOILET (TRANSFER SIDE) ADJACENT TO THE LAVATORY/STALL. 		5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
	 9 IF LOCATION OR HEIGHT CONFLICT OCCURS, COORDINATE WITH DOR PRIOR TO INSTALLING ACCESSORY. 10 AS A GUIDELINE MOUNT THE OPERATING FEATURE AND/OR RECEPTACLE 40" AFF 11 PROVIDE WALL STOPS ON HANDICAP TOILET STALL DOORS. 12 PROVIDE WATERPROOF MEMBRANE UNDER FLOOR TILE AND CONTINUOUS PERIMETER FLASHING TURNED UP 6" ABOVE FLOOR TILE ELEVATION. 13 PRE-FABRICATED SHOWER STALL # KEYNOTES 	U.S. FISH & WILDLIFE SERVICE	
		SATTE OF ALAGY	8916 SPHOLANCHINK
		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITOR CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
	KEY PLAN		REVISION DESCRIPTION
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	GRAPHIC SCALE(S)	ENLARGED PLANS AND SHT. NO. A-410) RESTROOM ELEVATIONS REV. NO.
2	11 PROVIDE WALL STOPS ON HANDICAP TOLET STALL DOORS. 12 PROVIDE WALL STOPS ON HANDICAP FLOOR TILE CONTINUOUS 13 PRE-FABRICATED SHOWER STALL Image: Im	LISHER NICE COMM NO: DATE: COMM NO: DATE: CHECK: SHEET TITLE ENLARGED PLANS AND SHT. NO. CHECK: SHEET TITLE	VILLE AND

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					UT	ILITY		
Type Mark	DESCRIPTION	MANUFACTURER	MODEL No.	ELEC	GAS	WATER	SEWER	RE
E-01	REFRIGERATOR	SEE SPECIFICATIONS	36" X 30"	Х		Х		
E-02	OVEN W/ RANGE	SEE SPECIFICATIONS	30" x 26"	Х				

INTERIOR ELEVATION - IT/PRINTER B3 SCALE: 1/4" = 1'-0" (A-101)

GENERAL SHEET NOTES Wiley Wilson Constant Progress CONTRACTOR TO COORDINATE WITH OWNER PRIOR TO CONSTRUCTION, THE DELIVER, HANDLING, SEQUENCING, EQUIPMENT SIZES & UTILITY REMARKS CONNECTIONS REQUIRED FOR ANY EQUIPMENT SCHEDULED TO BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. COORDINATE SCHEDULING TO PROVIDE FOR THE TIMELY ORDERING OF EQUIPMENT, SHOP DRAWINGS IF REQUIRED, INSTLALATION, AND OTHER RELATED ACTIVITIES TO AVOID DELAY OF CONSTRUCTION. OR ATION FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE BON SECOUR VISIT CENTER & ADMINISTR βĮ STRUN ORES, COMM NO: 230182 DATE: 05/02/2024 NXE DESIGN: DRAWN: NXE CHECK: SAT SHEET TITLE **INTERIOR ELEVATIONS &** DETAILS SHT. NO. REV. NO. A-411 2 1

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AIR BARRIER ENVELOPESURFACE AREA<<EDIT SF>>MAXIMUM ALLOWABLE LEAKAGE RATE0.25 CFM/FT2 AT 1.5MAXIMUM LEAKAGE<<EDIT 4,288 CFM >

THERMAL & MOISTURE PROTECTION

DEPICTS AREA TO BE TESTED FOR AIRTIGHTNESS. SINGLE ZONE BUILDING IS STRATEGY INDICATED.

— — AIR BARRIER ENVELOPE, CONTINUOUS

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E TABLE		GENERAL SHEET NOTES		0	ite 515 0.1888 0wned 0/2024
.57 PSF	1	SEE SHEETS A-551 THROUGH A-563 FOR AIR BARRIER DETAILS AND SPECIFIC AIR BARRIER COMPONENTS. REFER TO SPECIFICATION SECTION 01 91 19.43 FOR PRESSURE TESTING AN AIR BARRIER		rogress	ilding C Su 328 678.32 Employee-(iration: 06/3
	2	PROVIDE WEATHERSTRIPPING AND SEALS AT ALL DOORS AND LOUVER HEADS, JAMBS AND SILLS THAT ARE PART OF THE AIR BARRIER ENVELOPE, PROVIDE AIR BARRIER SHEET MEMBRANE		Nils onstant F	dy Road, Bu nta, GA 30 com 100% 03408 Exp
LEGEND		FLASHING AT HEADS, JAMBS AND SILLS OF EXTERIOR DOOR, WINDOW AND EXTERIOR WALL OPENINGS AND PENETRATIONS.		∧ No S	e Dunwood Atla /ileywilson.
	3	AIR BARRIER MATERIALS, ACCESSORIES AND BUILDING CONSTRUCTION THAT ARE INDICATED WITHIN THE BUILDING EXTERIOR ENVELOPE SERVES AS A CONTINUOUS AND WHOLE AIR		/ile	l Peachtre w zation Num
	4	BARRIER SYSTEM TO RESTRICT THE MOVEMENT OF AIR THROUGH THESE ASSEMBLIES. THE AIR BARRIER SYSTEM INCLUDES BUILDING SYSTEMS AND		5	5901 of Authori
		ASSEMBLIES SUCH AS FOUNDATION WALLS AND SLABS, EXTERIOR WALLS, VARIOUS EXTERIOR WALLS, ROOFS, ATTIC SPACES AND CONSTRUCTION, CONTROL JOINTS AND EXPANSION JOINTS,			Certificate
		PENETRATIONS; AND THEIR CONTINUITY, CONNECTIONS AND TRANSITIONS FROM ONE BUILDING SYSTEM AND ASSEMBLY TO ANOTHER AND BETWEEN DIFFRENT MATERIALS AND PRODUCTS			
		MUST BE CONTINUOUSLY SEALED. AIR BARRIER MATERIALS AND ACCESSORIES MUST HAVE THE CAPABILITY OF PREFORMING AS A CONTINUOUS AIR BARRIER AND MUST BE CAPABLE OF MOVEMENT,			
		EXPANSION, MATERIAL CHANGES WITHOUT DETERIORATION AND SHRINKAGE. ALL PENETRATIONS THROUGH THE AIR BARRIER SYSTEMS ARE FULLY SEALED IN ACCORDANCE WITH THE	ELIFE		RECEIPTION OF THE PARTY OF THE
		MANUFACTURER'S DESIGN INTENT IS TO ADDRESS ALL EXTERIOR JOINTS, CRACKS, AND HOLES WITH PROPER SEALING COMPONENT. RECOMMENDATIONS.	U.S. I & WILJ SERVIC		
	5	THERMAL INSULATION AT EXTERIOR WALLS, ROOF, AND FLOOR ASSEMBLIES IS NOT INDICATED ON THIS SHEET. REFER TO VERTICAL AND HORIZONTAL ASSEMBLY SHEETS	FISH	1	P. O. D.
	6	ACOUSTIC INSULATION IS NOT INDICATED ON THIS SHEET. REFER TO FLOOR PLANS AND INTERIOR PARTITION TYPES SCHEDULE.			
	7	THE CONTRACTOR MUST COORDINATE BETWEEN THE TRADES, THE PROPER INSTALLATION, SCHEDULING AND SEQUENCING OF THE WORK, INSPECTIONS, AND TESTS OF THE CONSTRUCTION OF THE			
		BUILDING ENCLOSURE AND THE CONTINUUS AIR BARRIER SYSTEM TO CONTROL THE AIR LEAKAGE. THE BUILDING'S CONTINUOUS AIR BARRIER MUST WITHSTAND THE BUILDING'S POSITIVE/NEGATIVE	ST.W.		
		AIR PRESSURE BARRIER TESTING APPLIED TO THE BUILDING ENCLOSURE. THE CONTRACTOR MUST COORDINATE ALL TESTING SERVICES THAT ARE REQUIRED TO VERIFY COMPLIANCE WITH	of ALA	8916 Ser	LED AR
		MUST INSPECT AIR BARRIER FOR TEARS, GAPS, HOLES, DISCONTINUITY, AND REPAIR FOR A FULLY SEALED SYSTEM.	HILAN		TEL S
	8	WHERE REQUIRED BY THE SPECIFICATIONS OR CONTRACT, AN INDEPENDENT QUALIFIED AGENCY OR PROVIDER IS TO BE ENGAGED TO PREFORM INSPECTIONS, SAMPLING, AND/OR TESTING			
		OF THE AIR BARRIER MATERIALS, LEAKAGE RATES, COMPONENTS AND ASSEMBLIES SPECIFIED IN THE TESTING REQUIREMENTS. REFER TO THE DRAWINGS FOR ANY ROOMS OR ZONES THAT ARE	ICES	л К	TION
	9	NOT REQUIRED TO BE TESTED, IF ANY. FAILURE IN THE AIR BARRIER TESTING AND/OR INSPECTIONS WILL BE CONSIDERED AND DEEMED NOT IN COMPLIANCE WITH THE	ATION		STRA
		BUILDING SPECIFIED REQUIREMENTS. THE CONTRACTOR MUST CORRECT ANY DEFECTIVE OR DEFICIENT MATERIAL, PRODUCT OR ASSEMBLY.	IFE 9 JR N/		MINI RONG RE RES, AL 36
	10	ALL ROOF ASSEMBLY SYSTEMS ARE PART OF THE AIR BARRIER ENVELOPE. ALL PENETRATIONS, TRANSISTIONS, AND JOINTS MUST BE AIR TIGHT.			& AD 12295 ST ULF SHOF
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DOOR AND FRAME FINISH LEGEND

KEY	FRAME MATERIAL
AL	ALUMINUM
AN1	ANODIZED
BR	STAINLESS STEEL, BRUSHED FINISH
GALV	GALVANIZED STEEL
HM	HOLLOW METAL
RWV	REAL WOOD VENEER
S1	STAIN AND FINISH
STL	STEEL

\square											D	OOR	SCH	IEDULE						
												••••	•••	FRAME				Ö		
							SIZE								DETAILS					ER
DOOR No.	From Room: Nui	From Room: Nai	To Room: Numb	To Room: Name	ТҮРЕ	WIDTH	НЕІСНТ	THICKNESS	MATL	FINISH	ТҮРЕ	MATL	FINISH	HEAD	BEINIEG	SILL	FIRE RATING	HARDWARE SE	COMMENTS	REMARK NUME
LEVEL 1	1	-	1		1	1					1			1						
101A	XXX	EXTERIOR	101	VISITORS CENTER	GG3	6' - 0"	7' - 0"	1 3/4"	ALUM					D4/A-632	B4/A-632		N/A	01		
101B	101	VISITORS CENTER	106	CORRIDOR	F	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT				N/A	03		
102A	101	VISITORS CENTER	102	CONFERENCE	В	3' - 0"	7' - 5 3/128"	1 3/4"	SC/WD	ST	MFR			MFR STD TRIM	MFR STD TRIM	-	N/A	08	SLIDING POCKET DOOR	
102A	102	CONFERENCE	101	VISITORS CENTER	В	3' - 0"	7' - 5 3/128"	1 3/4"	SC/WD	ST	MFR			MFR STD TRIM	MFR STD TRIM	-	N/A	08	SLIDING POCKET DOOR	
102B	103	BREAK	102	CONFERENCE	В	3' - 0"	7' - 0"	1 3/8"	SC/WD	ST	MFR			MFR STD TRIM	MI MFR STD TRIM	-	N/A	09	SLIDING POCKET DOOR	
103A	106	CORRIDOR	103	BREAK	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	11		
103B	103	BREAK			BF	4' - 0"	7' - 0"	1 3/4"	SC/WD	ST	MFR			MFR STD TRIM	/ MFR STD TRIM			10	BI-FOLDING DOOR	
104	106	CORRIDOR	104	DOUBLE	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	06		
105	106	CORRIDOR	105	PRIVATE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	06		
106	106	CORRIDOR	XXX	EXTERIOR	F	3' - 0"	7' - 0"	1 3/4"	HM	PT	F3	HM	PT				N/A	02		
107	106	CORRIDOR	107	IT/PRINTER	F	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT				N/A	03		
108	106	CORRIDOR	108	SHOP	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	06		
109	106	CORRIDOR	109	EMPLOYEE RR	F	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT				N/A	05		
111	106	CORRIDOR	111	SPARE PRIVATE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	06		
112	XXX	EXTERIOR	112	MECH.	F	6' - 0"	7' - 0"	1 3/4"	ALUM					D4/A-632	B4/A-632		N/A	07		
113	113	PUBLIC RR	101	VISITORS CENTER	F	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT				N/A	05		
114	106	CORRIDOR	114	SPARE PRIVATE OFFICE	F	3' - 0"	7' - 0"	1 3/4"	SC/WD	ST	F1	HM	PT				N/A	06		
116	116	CLO.	101	VISITORS CENTER	FF	4' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT				N/A	04		

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FRAME TYPES

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		DEMADIA	
KEY	PANEL MATERIAL	REMARK	
	ALUMINUM	NUMBER	REMARK
GL	FIBERGLASS	1	SOUNDER INTEGRATED INTO PANIC DEVICE (PADDI
RP	FIBERGLASS REINFORCED POLYESTER	2	SCHEDULED DOOR IS INSTALLED AS PART OF INTER
L	GLAZING		SYSTEM AND IS SHOWN FOR REFERENCE ONLY. H
CWD	HOLLOW CORE WOOD		PROVIDED BY GLAZING SYSTEM MANUFACTURER.
М	HOLLOW METAL		
3	INSULATING GLASS		
IDF	MEDIUM DENSITY FIBERBOARD		
ЭН	OVERHEAD		
SCWD	SOLID CORE WOOD		
FGL	SAFETY GLASS		
RWD	STILE AND RAIL WOOD		
SS	STAINLESS STEEL		
ND	WOOD		

REMARKS

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LE TYPE, INSTEAD OF FULL BAR). RIOR ALUMINUM FRAME AND GLAZING RAME, DOOR AND HARDWARE TO BE

GENERAL NOTES - DOORS ALL EXTERIOR HOLLOW METAL DOORS MUST BE INSULATED

- ALL EXTERIOR HOLLOW METAL DOORS MUST BE INSULATED AND WEATHER STRIPPED. EXTERIOR DOOR U-VALUES MUST HAVE 0.45 MAX OPERABLE U-VALUE. (DOOR ASSEMBLY U-VALUE)
- WALL PARTITIONS STC RATING TAKES PRECEDENCE OVER DOOR OPENING STC RATING. DOORS ACHIEVING STC RATINGS MAY ALSO REQUIRE COMPLIANCE WITH UL DESIGN FIRE RATINGS. THE NECESSITY FOR STC COMPLIANCE, FIRE RATING COMPLIANCE OR BOTH ARE INDICATED WITHIN THE DOOR SCHEDULE.
- ALL INTERIOR DOORS MUST BE A MINIMUM STC 35 EVEN IF NO STC RATING IS INDICATED IN SCHEDULE.
- ACOUSTIC REQUIREMENTS EXCEEDING THE CAPABILITIES OF A STANDARD STC RATED DOOR WITH ACOUSTIC DOOR HARDWARE MUST BE A PREFABRICATED DOOR INCLUDING A PREASSEMBLED DOOR, FRAME AND SPECIFIED DOOR HARDWARE.
- 5 SWINGING DOOR SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY MUST CONFORM TO REQUIREMENTS OF ADA 404.2.1. DOORS MUST HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE THE FULL WIDTH OF THE DOOR. TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SHOE WITH THE TOP LEADING EDGE TAPERED AT 60 DEGREES MINIMUM FROM THE HORIZONTAL MUST NOT BE REQUIRED TO MEET THE 10" BOTTOM SMOOTH REQUIREMENT.
- 6 WHERE A DOOR IS LOCATED NEAR A CORNER OF A ROOM OR PERPENDICULAR TO A WALL AND IS NOT LOCATED BY DIMENSION ON PLAN OR DETAILS, DIMENSION SHALL BE 4" FROM FACE OF STALL (WALL) TO FACE OF ROUGH OPENING. DIMENSION SHALL BE 6" FROM FACE OF WALL TO EDGE OF ROUGH OPENING AT CONCRETE WALLS AND 8" FROM FACE OF WALL TO EDGE OF ROUGH OPENING AT CMU WALLS, U.N.O.
- THE FINISH ELEVATIONS OF EXIT LANDINGS MUST NOT EXCEED A MAXIMUM OF 1/2" BELOW THRESHOLDS.
- ALL LOCKING EXIT DOORS ARE TO HAVE EXIT DEVICES (PANIC HARDWARE) AND MUST SWING IN THE DIRECTION OF EGRESS.
- 9 ALL HOLLOW METAL FRAMES MUST BE FACTORY PRIME FINISHED AND PAINTED IN THE FIELD.
- 10 ALL HOLLOW METAL FRAMES WITH STC RATINGS OF 45 OR GREATER MUST BE FILLED TO COMPLY WITH ICS-705 SOUND INSULATION REQUIREMENTS. ACOUSTICAL SEALS AROUND FRAME AND ON THE FLOOR AS REQUIRED. DOUBLE DOORS AND UNEVEN PAIR DOORS MUST NOT HAVE A CENTER MULLION.
- 12 VERIFY AND COORDINATE ALL KEYING WITH THE END USER.13 PROVIDE BACKER ROD AS REQUIRED AND CONTINUOUS
- CAULK SEALANT COMPLETELY AROUND ALL FRAMES.
 ALL GLAZING IN DOOR PANELS MUST BE SAFETY GLAZING. TEMPERED GLASS MUST BE 1/4" THICK, U.N.O.

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\diamond	WINDOW SCHEDULE										
TYPE	R.O.							GLAZI	NG		
MARK	WIDTH	HEIGHT	TYPE	MANUFACTURER	HEAD	JAMB	SILL	THICKNESS	TYPE	COMMENTS	
W01	3' - 0"	4' - 0"	WNDW_FIXED	SEE SPECIFICATIONS	D2/A-641	D4/A-641	A2/A-641	1"	GL-01		
W02	3' - 0"	2' - 4"	WNDW_FIXED	SEE SPECIFICATIONS	D2/A-641	D4/A-641	A2/A-641	1"	GL-01	UPPER WINDOWS	
W03	2' - 4"	2' - 4"	WNDW_FIXED	SEE SPECIFICATIONS	D2/A-641	D4/A-641	A2/A-641	1"	GL-02	AT TOWER	

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3' - 0"

3

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

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-	CASEWC		IVIA I ERIAL	IVIAINUFACTUKER	
-	PL-1		LAMINATE	NEVAMAR	#W8343, COLOR: CRES
		26810			
		K UMMA			
-	PL-2		LAMINATE		COLLECTION: PATTER
-	SSM-1		SOLID SURFACE	HI-MACS	COLOR: #G111 MACCH
-	00110				
	୦୦୲୬୮-୵				
-	CEILING				
	ACP-1		CEILING TILE	ARMSTRONG	#673 KITCHEN ZONE, C
-	ACT-1		CEILING TILE	ARMSTRONG	#1911 ULTIMA TEGUI
					COLOR: WHITE
-	FIOOR	OVFRINGS			
-	EPT-1		EPOXY	STONHARD	
-	PC-1		1	i i i i i i i i i i i i i i i i i i i	
	-		POLISHED CONCRETE		COLLECTION:/ PATT
ŀ	SC-1		POLISHED CONCRETE SEALED CONCRETE	SIKA	COLLECTION:/ PAT
-	SC-1 PAINTS P-1		POLISHED CONCRETE SEALED CONCRETE		
-	SC-1 PAINTS P-1		POLISHED CONCRETE SEALED CONCRETE PAINT	SIKA BENJAMIN MOORE	COLLECTION:/ PAT
-	SC-1 PAINTS P-1		POLISHED CONCRETE SEALED CONCRETE PAINT	SIKA BENJAMIN MOORE	COLLECTION:/ PAT
-	SC-1 PAINTS P-1		POLISHED CONCRETE SEALED CONCRETE PAINT	SIKA BENJAMIN MOORE	COLLECTION:/ PATT
-	SC-1 PAINTS P-1 P-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT	BENJAMIN MOORE	COLLECTION:/ PATT
-	SC-1 PAINTS P-1 P-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT	BENJAMIN MOORE	COLLECTION:/ PATTI
-	SC-1 PAINTS P-1 P-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT	BENJAMIN MOORE	COLLECTION:/ PATTE
	SC-1 PAINTS P-1 P-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT	BENJAMIN MOORE	COLOR: I-04 DECORA
	SC-1 PAINTS P-1 P-2 P-3		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLLECTION:/ PATTE
	SC-1 PAINTS P-1 P-2 P-3		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLLECTION:/ PATTE
	SC-1 PAINTS P-1 P-2 P-3		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLLECTION:/ PATTE
	SC-1 PAINTS P-1 P-2 P-3 P-3		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE
	SC-1 PAINTS P-1 P-2 P-3 P-4		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE
	SC-1 PAINTS P-1 P-2 P-3 P-4		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE
	SC-1 PAINTS P-1 P-2 P-3 P-4 WALL CC	VERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE COLOR: #1-06 WHITE
	SC-1 PAINTS P-1 P-2 P-3 P-4 WALL CC AWP-1	DVERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLLECTION:/ PATTE
	SC-1 PAINTS P-1 P-2 P-3 P-4 WALL CC AWP-1	DVERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING PESILIENT DASE	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE	COLLECTION:/ PATTE COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE COLOR: #1-06 WHITE
	SC-1 PAINTS P-1 P-2 P-3 P-3 WALL CC AWP-1 B-1	DVERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE	COLLECTION:/ PATT COLOR: 1-04 DECOR/ COLOR: 1-04 DECOR/ COLOR: #1-06 WHITE COLOR: #0C-95 NAV COLOR: #0C-95 NAV COLLECTION: /PATTE
	SC-1 PAINTS P-1 P-2 P-3 P-4 WALL CC AWP-1 B-1	DVERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE	COLLECTION:/ PATTI COLOR: I-04 DECOR/ COLOR: I-04 DECOR/ COLOR: #1-06 WHITE COLOR: #0C-95 NAV/ COLOR: #0C-95 NAV/ COLLECTION: /PATTE
	SC-1 PAINTS P-1 P-2 P-3 P-4 WALL CC AWP-1 B-1	DVERINGS	POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE	COLLECTION:/ PATTE COLOR: I-04 DECORA COLOR: I-04 DECORA COLOR: #1-06 WHITE COLOR: #1-06 WHITE COLOR: #0C-95 NAVA COLOR: #0C-95 NAVA
	SC-1 PAINTS P-1 P-2 P-3 P-3 WALL CC AWP-1 B-1 B-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE ROPPE STONHARD	COLLECTION:/ PATTI COLOR: I-04 DECOR/ COLOR: I-04 DECOR/ COLOR: I-04 DECOR/ COLOR: #1-06 WHITE COLOR: #0C-95 NAV/ COLOR: #0C-95 NAV/ COLLECTION: /PATTE 4" COVE BASE, TYPE
	SC-1 PAINTS P-1 P-2 P-3 P-3 P-4 WALL CC AWP-1 B-1 B-1 B-1		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE ROPPE	COLLECTION:/ PATTI COLOR: I-04 DECOR/ COLOR: I-04 DECOR/ COLOR: #1-06 WHITE COLOR: #1-06 WHITE COLOR: #0C-95 NAV/ COLOR: #0C-95 NAV/ COLLECTION: /PATTE 4" COVE BASE, TYPE
	SC-1 PAINTS P-1 P-2 P-2 P-3 P-4 WALL CC AWP-1 B-1 B-1 B-1 B-1 CWT-1 CWT-2		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE WALL TILE WALL TILE	SIKA SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE ROPPE ROPPE STONHARD STONHARD ALTILE	COLLECTION:/ PATT COLOR: I-04 DECOR COLOR: I-04 DECOR COLOR: I-04 DECOR COLOR: #1-06 WHITE COLOR: #0C-95 NAV COLOR: #0C-95 NAV COLOR: #0C-95 NAV
	SC-1 PAINTS P-1 P-2 P-2 P-3 P-4 WALL CC AWP-1 B-1 B-1 B-1 B-1 CWT-1 CWT-2 WP-1		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE WALL TILE WALL TILE WALL TILE	SIKA SIKA BENJAMIN MOORE STONEPEAK AND STONEPEAK DALTILE SPECTRUM	COLOR: I-04 DECOR COLOR: I-04 DECOR COLOR: I-04 DECOR COLOR: #1-06 WHITE COLOR: #1-06 WHITE COLOR: #0C-95 NAV COLOR: #0C-95 NAV COLOR: #0C-95 NAV COLOR: #0C-95 NAV COLOR: #0C-95 NAV
	SC-1 PAINTS P-1 P-2 P-2 P-3 P-4 WALL CC AWP-1 B-1 B-1 B-1 B-1 CWT-1 CWT-2 WP-1		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE WALL TILE WALL TILE WALL TILE	SIKA SIKA BENJAMIN MOORE STONEPEAK DALTILE SPECTRUM	COLLECTION:/ PAT COLOR: I-04 DECOF COLOR: I-04 DECOF COLOR: #1-06 WHIT COLOR: #1-06 WHIT COLOR: #0C-95 NAY COLOR: #0C-95 NAY COLLECTION: /PAT 4" COVE BASE, TYP 6" COVE BASE, TYP
	SC-1 PAINTS P-1 P-2 P-3 P-3 P-4 WALL CC AWP-1 B-1 B-1 B-1 B-1 WINDOW		POLISHED CONCRETE SEALED CONCRETE PAINT PAINT PAINT PAINT PAINT PAINT ACOUSTIC WALL PANELING RESILIENT BASE EPOXY COVE BASE WALL TILE WALL TILE WALL TILE WALL TILE	SIKA BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE BENJAMIN MOORE STONEPEAK STONEPEAK DALTILE SPECTRUM	COLLECTION:/ PAT COLOR: I-04 DECO COLOR: I-04 DECO COLOR: I-04 DECO COLOR: #1-06 WHIT COLOR: #1-06 WHIT COLOR: #0C-95 NA COLOR: #0C-95 NA COLLECTION: /PAT 4" COVE BASE, TYF 6" COVE BASE, TYF 6" COVE BASE PATTERN: PARKLAI #0100, COLOR: WHI DAN LURIE ASSOC,

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\bigcirc				INTERIOR FINISH KEY			
		····		BASIS OF DESIGN			
TAG ASEWO	IMAGE RK	MATERIAL	MANUFACTURER	MODEL/COLLECTION/PATTERN	COLOR	DESCRIPTION	
PL-1		LAMINATE	NEVAMAR	#W8343, COLOR: CREST MAHOGANY	BROWN		
	語言則認						
PL-2 SSM-1		LAMINATE SOLID SURFACE	HI-MACS	COLLECTION: PATTERN: COLOR: #G111 MACCHIATO (CREAM WITH BROWN SPECKLE). FINISH: SATIN	COLOR BEIGE		-
SSM-2		SOLID SURFACE	HI-MACS	COLOR: #VN24 KOHALA (BROWN W/ BROWN, BLACK, GRAY), FINISH: SATIN	BROWN.		
	14				BLACK		
EILING							
ACP-1		CEILING TILE	ARMSTRONG	#673 KITCHEN ZONE, COLOR: WHITE, SQUARE LAY-IN, PRELUDE 15/16" GRID, COLOR: WHITE	VVHITE	24" X 24" X 5/8"	
ACT-1		CEILING TILE	ARMSTRONG	#1911 ULTIMA TEGULAR, COLOR: WHITE, BEVELED EDGE, PRELUDE 15/16" GRID,	WHITE	24" X 24" X 3/4"	-
				COLOR: WHITE			
EPT-1	OVERINGS	EPOXY	STONHARD		COLOR	FINISH WITH CONTINUOUS SEALANT	
PC-1		POLISHED CONCRETE	SIKA	COLLECTION:/ PATTERN:	COLOR		—
AINTS		SEALED CONCRETE	SINA				
P-1		PAINT	BENJAMIN MOORE	COLOR: I-04 DECORATORS WHITE, FINISH SEMI-GLOSS	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER	
P-2		PAINT	BENJAMIN MOORE	COLOR: I-04 DECORATORS WHITE, FINISH: FLAT	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER	
							_
P-3		PAINT	BENJAMIN MOORE	COLOR: #1-06 WHITE DOVE, EPOXY BLOCK FILLER, FINISHI SEMI-GLOSS (CMU)	WHITE		
					1000		-
P-4		PAINT	BENJAMIN MOORE	COLOR: #OC-95 NAVAJO WHITE, FINISH: EGGSHELL	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER	
AWP-1		ACOUSTIC WALL		COLLECTION: /PATTERN:	COLOR		
B-1		PANELING RESILIENT BASE	ROPPE	4" COVE BASE, TYPE TS: COLOR: 178 PEWTER	BEIGE		+
- •							
B-2		EPOXY COVE BASE	STONHARD	6" COVE BASE	BEIGE	EPOXY	US
<u>∩\\/T 4</u>							FL
CWT-2		WALL TILE	DALTILE	#0100, COLOR: WHITE, 4.25" X 4.25"	WHITE	EPOXY GROUT BY MAPEI, COLOR: 00 WHITE	<u> </u>
WP-1		WALL PANELING	SPECTRUM	DAN LURIE ASSOC, 704-521-9328	COLOR		IN CF
							FII
WW-1	COVERINGS	WINDOW BLINDS	PER SPEC	WHITE/LINEN	WHITE		\square
		1	I	1	1		

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INTERIOR FINISH KEY				GENERAL SHEET NOTES	. 1888 . 1888 Wned
ASIS OF DESIGN MODEL/COLLECTION/PATTERN	COLOR	DESCRIPTION	REMARKS	1 PRODUCTS LISTED ARE FOR BASIS OF DESIGN PUPROSES ONLY. PROVIDE SCHEDULED FINISH OR APPROVED EQUAL FOR USFWS VERIFICATION AND APPROVAL PRIOR TO PROCLIRING MATERIALS	gress ployee-O
LOR: CREST MAHOGANY	BROWN			2 MANUFACTURER'S INSTALLATION INSTRUCTIONS TO BE FOLLOWED FOR ALL PRODUCTS.	d, Buildin 100% Em
				3 WALL FINISHES ARE BASED ON PLAN NORTH LOCATIONS. IF COLOR OR FINISH IS NOT SPECIFIED, CONTACT DOR FOR DIRECTION.	Consta Donsta Donsta Di com
N: PATTERN:	COLOR			4 PROVIDE FLOOR TRANSITION STRIP (ADA/ANSI A117.1 COMPLIANT) BETWEEN DIFFERENT ADJACENT FLOOR MATERIALS.	e Dunwo
11 MACCHIATO (CREAM WITH BROWN SPECKLE), FINISH: SATIN	BEIGE			5 PROVIDE BLOCKING IN ALL WALLS FOR ALL WALL-MOUNTED ACCESSORIES, EQUIPMENT AND SYSTEMS FURNITURE AS REQUIRED.	ile Peachtre
				 6 PRIME AND PAINT ALL EXPOSED STEEL. 7 PRIME AND PAINT HOLLOW METAL DOORS AND FRAMES. FINISH: 	
24 KOHALA (BROWN W/ BROWN, BLACK, GRAY), FINISH: SATIN	BROWN.			8 REFER TO SHEET A-410 FOR WALL TILE PATTERNS.	
	DEAGK			FLOORS, U.N.O. 10. RUBBER BASE REQUIRED AT ALL GYPSUM BOARD AND MASONRY WALLS AS	
				NOTED, U.N.O 11 PROVIDE 1" ALUMINUM HORIZONTAL BLINDS ON INTERIOR SIDE OF ALL	
IN ZONE, COLOR: WHITE, SQUARE LAY-IN, PRELUDE 15/16" GRID, COLOR:	WHITE	24" X 24" X 5/8"		OFFICE WINDOWS BY HUNTER DOUGLAS OR EQUAL. CL MODEL MOUNT. 12 PROVIDE HPDE TOILET PARTITIONS.	
				13 REFER TO FINISH PLAN SHEET xxx FOR CORNER GUARD LOCATIONS.14 PROVIDE EPOXY SEAL ON ALL EXPOSED CONCRETE FLOORS WHERE	
				INDICATED. PROVIDE SILICA SAND/GROUT FOR NON-SLIP SURFACE. 15 CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM ARE PERMITTED TO BE VERTICAL A CHANCE IN LEVEL DETAILED 1/4 INCH AND 4/2 INCH MUCT DE	NICH NICH
A TEGULAR, COLOR: WHITE, BEVELED EDGE, PRELUDE 15/16" GRID,	WHITE	24" X 24" X 3/4"		1/4 INCH VERTICAL PLUS 1/4 INCH BEVELED. MAX VERTICAL CHANGE OF 1/2 INCH.	SHI & U
				16 FLOOR FINISH SURFACE STATIC FRICTION COEFFICIENT MUST BE SLIP RESISTANT. 0.5 IS ADEQUATE, EQUAL TO OR LESS THAN 0.40 CAUTION IS	E Distant
				NECESSARY AND MUST BE REVIEWED AND APPROVED BY DESIGNER OF RECORD.	
				17 PROVIDE CORNER AND END-WALL GUARDS AT OUTSIDE GYPSUM BOARD CORNERS. SEE SHEET A-702 FOR DETAILS AND REFER TO SPECIFICATIONS	
N:/ PATTERN:	COLOR COLOR	FINISH WITH CONTINUOUS SEALANT		PROJECT TO SAFEGUARD THE SURFACE THAT WILL BE EXPOSED AS FINAL FLOOR FINISH, TYP.	NA LOJI
				19 REMOVE SCRAPS, DEBRIS AND WASTE MATERIALS DAILY.	THE CHILL
DECORATORS WHITE, FINISH SEMI-GLOSS	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER			8916 SZED
					HILL S REGISTO
DECORATORS WHITE, FINISH: FLAT	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER			
					ON LES
6 WHITE DOVE, EPOXY BLOCK FILLER, FINISHI SEMI-GLOSS (CMU)	WHITE				CUIC ONA SE SATI
					SER ATIC ATIC ISTR
C-95 NAVAJO WHITE. FINISH: EGGSHELL	WHITE	TWO COATS PAINT OVER ONE COAT PRIMER			
					N SH CHER &
N: /PATTERN:	COLOR				BON BON BON ENTI
SE, TYPE TS; COLOR: 178 PEWTER	BEIGE				
SE	BEIGE	EPOXY	USE WHERE ALL EPOXY		
ARKLAND, COLOR: SHENANDOAH (WHITE), 12" X 12" DR: WHITE, 4,25" X 4,25"	WHITE	GROUT BY MAPEI, COLOR: 14 BISCUIT EPOXY GROUT BY MAPEI, COLOR: 00 WHITE			
ASSOC, 704-521-9328	COLOR		INSTALL TO 36" AFF. INCLUDE CROWN MOLDING SAME		
			FINISH		
N	WHITE				
ROOM	INISH	SCHEDULE			
ROOM ROOM NAME FLR BASE WALL	WAINSCO	CEILING T MATL REM	IARKS		
101 VISITORS CENTER PC-1 B-1 P-1 102 CONFERENCE PC-1 B-1 P-1		GYP BD/P-2 GYP BD/P-2			
103 BREAK PC-1 B-1 P-1 104 DOUBLE PC-1 B-1 P-1		ACP-1 ACT-1			
105 PRIVATE OFFICE PC-1 B-1 P-1 106 CORRIDOR PC-1 B-1 P-1		ACT-1 ACT-1			COMM NO: 230182 DATE: 05/02/2024
107 IT/PRINTER PC-1 B-1 P-1 108 SHOP PC-1 B-1 P-1		ACT-1 ACT-1			DRAWN: NXE DESIGN: NX CHECK: SA
109 EMPLOYEE RR EPT-1 B-5 P-1 111 SPARE PRIVATE OFFICE PC-1 B-1 P-1	CWT-2	GYP BD/P-2 ACT-1			SHEET TITLE
112 MECH. PC-1 B-1 P-1 113 PUBLIC RR EPT-1 B-5 P-1	CWT-1	INSTALL STAINLESS STEEL WA	AINSCOT BEHIND MOP SINK		MATERIAL AND FINISH
114 SPARE PRIVATE OFFICE PC-1 B-1 P-1 116 CLO. PC-1 B-1 P-1		ACT-1 ACT-1			SCHEDULE
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			FUF	RNITURE TAG LIST	
COO	RDINATE WITH USFWS FO	R COMPLETE FURNISH AN	D INSTALL REQUI	REMENTS. MOST OFFICE FURNITURE IS EXISTING TO BE REINSTALLED FROM	ИE
TAG	ТҮРЕ	MANUFACTURER	BOD MODEL #	DESCRIPTION	
C1	CHAIR W/ ROLLERS	CFCI		PLASTIC CHAIR 18" WIDE, ROLLERS	
C2	CHAIR: WORK	EXISTING - GFCI	EXISTING	Generation by Knoll Work Chair High Performance Arms Plastic Base Standard Cylinder with Lumbar Hard Casters	
F1	WARDROBE UNIT	EXISTING - GFCI	EXISTING	Knoll Wardrobe Unit with Coat Rod and Shelf 24D 36W 72HT.	
F2	CREDENZA	CFCI	RCDHHBH11	Reff Profiles Credenza Desk Height Hinged Door Pedestal Left Box/File w/Single Drawer Front Center Hinged Door Pedestal Right 78W 20D	
F3	PEDESTAL STORAGE	EXISTING - GFCI	EXISTING	Series 2 Pedestal Steel Front Series 2 Pull Mobile Pedestal Open Top 24D Box/File Drawers	
F4	DESK	EXISTING - GFCI	EXISTING	Dividends Horizon Series 2 End Panel Return 42W 24D No Grommet	
F5	CHAIR	EXISTING - GFCI	EXISTING	ADMINISTRATIVE/GUEST CHAIRS	
F6	CABINET	EXISTING - GFCI	EXISTING	Library Cabinet	
F7	TABLE	EXISTING - GFCI	FNWR62	Float Table- FNWR62	
F8	CHAIR	EXISTING - GFCI	EXISTING	Ricchio Chair With Upholstered Seat With Arms	
F9	DESK	EXISTING - GFCI			
F10	FILING CABINETS	EXISTING - GFCI	123		
F11	RECEPTIONIST DESK	EXISTING - GFCI	EXISTING		
F12	TABLE	EXISTING - GFCI	FNWR62	Float Table- FNWR62	
L1	LIGHT	CFCI	COPE01	KnollExtra Copeland Light Standard Arm	
T1	TABLE	CFCI		MODULAR TABLE - 20" x 48"	

2 **GENERAL SHEET NOTES** Wiley Wilson Constant Progress OFFICE FURNITURE IS TYPICALLY EXISTING FROM EXISTING EXISTING BUILDING, TYP. BUILDING. INSTALL AND COORDINATE EXISTING FURNITURE WITH GOVERNMENT. 2. FURNISH AND INSTALL CONFERENCE ROOM, IT/PRINTER ROOM, FINISH AND BREAKROOM FIXTURES, FURNITURE, AND EQUIPMENT UNLESS OTHERWISE PROVIDED BY GOVERNMENT. BON SECOUR VISITOR CENTER & ADMINISTRATION FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE 12295 STRONG RD. LF SHORES, AL 365 230182 COMM NO: 05/02/2024 DATE: NXE DESIGN: DRAWN: NXE CHECK: SAT SHEET TITLE PLAN NORTH FURNITURE PLAN REV. NO. SHT. NO. I-801 2 1

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ROOM SIGNAGE SCHEDULE

ROOM	DOOMANAAF			
NO	ROOM NAME			
	SIGN TAG	SIGN TYPE	MNFR	SIGN
101	VISITORS CENTER			
	A	ROOM ID SIGN	APCO	VISITORS STATION
	1			
102	CONFERENCE			
	F	ROOM ID SIGN	APCO	CONFERENCE
103	BREAK			
	А	ROOM ID SIGN	APCO	BREAK
404				
104	DOUBLE			
	U	ROOM ID SIGN	APCO	DOORLE
105	PRIVATE OFFICE			
	С	ROOM ID SIGN	APCO	PRIVATE OFFICE
106	CORRIDOR			
100		ROOM ID SIGN	APCO	COORIDOR
	-	-		
107	IT/PRINTER			1
	A	ROOM ID SIGN	APCO	IT/PRINTER
108	SHOP			
	С	ROOM ID SIGN	APCO	SHOP
109	EMPLOYEE RR			
	R4	RESTROOM SIGN	APCO	UNISEX W/ SHOWER
112	MECH.			
	A	ROOM ID SIGN	APCO	MECH
	1			
113	PUBLIC RR			
	R3	RESTROOM SIGN	APCO	UNISEX
114	SPARE PRIVATE OFFICE			
	С	ROOM ID SIGN	APCO	OFFICE
116	CLO.		4000	
	A	ROOM ID SIGN	APCO	
XXX	EXTERIOR			

		ROOM SIGNAGE SCHEDULE BY ROOM	GENERAL SHEET NOTES	515 1888 vned 2024
	ROOM NO ROOM NAME SIGN TAG 101 VISITORS CENTER A 102 CONFERENCE F 103 BREAK A 104 DOUBLE C	SIGN TYPE BOD MNFR SIGN TEXT ROOM ID SIGN APCO VISITORS STATION ROOM ID SIGN APCO CONFERENCE ROOM ID SIGN APCO CONFERENCE ROOM ID SIGN APCO BREAK ROOM ID SIGN APCO BREAK	 SIGNS SHOWN ARE TYPICAL. PROVIDE SIGNS MEETING ALL REQUIREMENTS OF THE ADA AND ABA ACCESSIBILITY GUIDELINES. SIGN INSTALLATION HEIGHT AND LOCATION SMUST BE AS PER ALL REQUIREMENT OF THE ADA AND ABA ACCESSIBILITY GUIDELINES. PROVIDE TACTILE EXIT SIGNS AT ALL EGRESS EXIT DOORS, TYP. PRIOR TO ORDERING ANY MATERIAL, PROVIDE SIGN SUBMITTALS INDICATING SIGNAGE MATERIAL, COLORS, LETTER SIZE AND HEIGHT, AND ALL OTHER SALIENT FEATURES. SUBMITTED COLORS MUST BE COORDINATED WITH THE ARCHITECTURAL FINISH SCHEDULE. ADDITIONALLY, SUBMIT PROPOSED ROOM NUMBERS AND ROOM NAMES. REFER TO SPECIFICATIONS SECTION <10 14 23.16> FOR MORE INFORMATTION. INSTALL SIGNS AS PER MANUFACTURER WRITTEN INSTALLATION INSTRUCTIONS. SIGN SIZES INDICATED ARE TYPICAL. PROVIDE MANUFACTURER STANDARD SIGNS WITH DIMENSIONS SIMIALR TO SIZES INDICATED. STAIR SIGN TO BE LOCATED IN ACCESS FOYER, AT SIMILAR LOCATION ON ALL LEVELS. EXACT LOCATION TO BE FIELD VERIFIED AND COORDINATED 	5901 Peachtree Dunwoody Road, Building C Suite Atlanta, GA 30328 678.320. wileywilson.com 100% Employee-Ov Wileywilson.com 100% Employee-Ov
	105 PRIVATE OFFICE C	ROOM ID SIGN APCO PRIVATE OFFICE	# SIGNAGE SPECIFICATIONS	
	106 CORRIDOR	ROOM ID SIGN APCO COORIDOR	SIGNAGE SPECIFICATIONS (OPT A):	
	107 IT/PRINTER A	ROOM ID SIGN APCO IT/PRINTER	MANUFACTURER: APCO OR EQUAL PRODUCT: FULLVIEW SERIES OR EQUAL	Rewitten Stranger
KB EXTENDED File Control File Control<	108 SHOP C	ROOM ID SIGN APCO SHOP	 1. RECTANGLE/INSERT STYLE WITH OPTIONAL PAINTED ACRYLIC BACKPLATE 2. RADIUS TOP TRACK, EXTRUDED ALUMINUM. FINISH: SATIN ANODIZED 3. TEXT, BRAILLE AND BACKGROUND TO BE ADA/ABA COMPLIANT. 	
	109 EMPLOYEE RR R4	RESTROOM SIGN APCO UNISEX W/ SHOWER	4. TEXT TO BE RAISED 1/32" MATTE POLYCARBONATE AND SUBSURFACE COLORED. BRAILLE: GRADE 2 END CAPS: SATIN ANODIZED TEXT OOL OD, OATIN ALLIM (OUL)(ED)	
RA RESTRICTION SIGNAL APCOL DARSEN 114 SPACE FIRMATE C C ROOM DISIONAL APCOL OPFICE 114 C A ROOM DISIONAL APCOL OPFICE 114 C C ROOM DISIONAL APCOL OPFICE 114 C C ROOM DISIONAL APCOL OPFICE 115 C C ROOM DISIONAL APCOL OPFICE 116 C C ROOM DISIONAL APCOL OPFICE 116 C ROOM DISIONAL APCOL OPFICE ROOM DISIONAL APCOL OPFICE	112 IVIEUTI. A 113 PUBLIC RR	ROOM ID SIGN APCO MECH	FONT STYLE: HELVETICA NEUE-ROMAN 5. CHANGEABLE INSERT/DISPLAYS WITH PAPER INSERT & NON-GLARE OVERLAY LENS	20 THA LOGILIE
	R3	RESTROOM SIGN APCO UNISEX	6. SURFACE MOUNT OR AS NOTED WITH CONCEALED FASTENERS. NOTE: ALL ROOM NAMES/SIGN COPY TO BE VERIFIED AND APPROVED BY USER	F ALA X. ESS 8916 8916 EDAR
Image: A RODWID SIGN APCD Image: Arrow and the sign approximate app	114 SPARE PRIVATE OFFICE C	ROOM ID SIGN APCO OFFICE	SIGNAGE SPECIFICATIONS (OPT B):	HITAL SCIENCE
XXX EXCEPTION BRACHEATE STATUS CONTROL EXCEPTION OF THE ADVANCE OF ADVA	116 CLO. A	ROOM ID SIGN APCO	MANUFACTURER: ASI OR EQUAL PRODUCT: VENUS SERIES OR EQUAL 1. RECTANGLE/INSERT STYLE WITH OPTIONAL PAINTED ACRYLIC	S Z O
STANDARD SIGNAGE FINISHES: BACKER FIVE: CURVE1 BACKER AFINE XXDIZED BRASS 28-0001 HOLDER. NATURAL SATIR ADARAB RKCD. PUTTY PAFER INSERT RKCD. PUTTY PAFER INSERT RKCD. PUTTY PAFER INSERT RKCD. PUTTY PAFER INSERT RACD. PUTTY PAFER INSERT RANGE TEXT 34" HIGH WITH BALLE BELOW SEE FINISHES NOTE BALLE BELOW			 2. RADIUS TOP TRACK, EXTRUDED ALUMINUM. FINISH: SATIN ANODIZED 3. TEXT, BRAILLE AND BACKGROUND TO BE ADA/ABA COMPLIANT. 4. TEXT TO BE RAISED 1/32" MATTE POLYCARBONATE AND SUBSURFACE COLORED. BRAILLE: GRADE 2 END CAPS: SATIN ANODIZED TEXT COLOR: SATIN ALUM (SILVER) FONT STYLE: HELVETICA NEUE-ROMAN 5. CHANGEABLE INSERT/DISPLAYS WITH PAPER INSERT & NON-GLARE OVERLAY LENS 6. SURFACE MOUNT OR AS NOTED WITH CONCEALED FASTENERS. NOTE: ALL ROOM NAMES/SIGN COPY TO BE VERIFIED AND APPROVED BY USER PRIOR TO FABRICATION. 	FISH & WILDLIFE SERVIG BON SECOUR NATION WILDLIFE REFUGE BON SECOUR VISITO CENTER & ADMINISTRAT CENTER & ADMINISTRAT GULF SHORES, AL 36542 GULF SHORES, AL 36542
PERMANENT RAISED TEXT WITH BRAILLE BELOW SEE FINISHES NOTE 3/8" THICK MATTE ACRYLIC SEE FINISHES NOTE 3/8" THICK MATTE ACRYLIC SEE FINISHES NOTE PERMANENT RAISED TEXT 3/4" HIGH WITH BRAILLE BELOW HELVETICA NEUE 55 ROMAN SEE FINISHES NOTE PERMANENT RAISED TEXT 3/4" HIGH WITH BRAILLE BELOW HELVETICA NEUE 55 ROMAN SEE FINISHES NOTE PERMANENT RAISED TEXT 3/4" HIGH WITH BRAILLE BELOW HELVETICA NEUE 55 ROMAN SEE FINISHES NOTE SLIDING PANEL ASSEMBLY			STANDARD SIGNAGE FINISHES: BACKER TYPE: CURVE 1 BACKER A FINISH: OXIDIZED BRASS 28-0001 HOLDER: NATURAL SATIN ADA/ABA BKGD: PUTTY ADA/ABA TEXT: BLACK PRIMARY INSERT BKGD: WHITE PRIMARY INSERT TEXT COLOR: MX55 PAPER INSERT BKGD: PUTTY PAPER INSERT TEXT: BLACK DIVIDER BAR COLOR: MX55	REVISION DESCRIPTION
SIGNAGE SCHEDULE SHT. NO.			PERMANENT RAISED TEXT WITH BRAILLE BELOW SEE FINISHES NOTE 3/8" THICK MATTE ACRYLIC SEE FINISHES NOTE PERMANENT RAISED TEXT 3/4" HIGH WITH BRAILLE BELOW HELVETICA NEUE 55 ROMAN SEE FINISHES NOTE END CAPS SG-1: SEE FINISHES NOTE SLIDING PANEL ASSEMBLY	Image: Shttem in the second secon

	PLUMBING A	BREVIATIONS		PLUMBING PIPING LEGEND
E	PLUMBING At (D) DEMOLISH (E) EXISTING TO REMAIN AC AIR COMPRESSOR AD AIR DRYER AFF ABOVE FINISHED FLOOR APPROX APPROXIMATELY ARCH ARCHITECTURE BFF BELOW FINISHED FLOOR BFP BACKFLOW PREVENTER BV BALANCING VALVE CA COMPRESSED AIR CO CLEANOUT DCW DOMESTIC COLD WATER DEG DEGREES DET DOMESTIC WATER EXPANSION DHW DOMESTIC HOT WATER DHWP DOMESTIC HOT WATER DWP RECIRCULATION DWP EACH EFS EMERGENCY SHOWER AND EYE/FACE WASH EHERGENCY EYE AND FACE WASH EL OR ELEV	HB HOSE BIBB HD HUB DRAIN HR HOSE REEL L LAVATORY LB POUND MS MOP SINK N2 NITROGEN NTS NOT TO SCALE OD OVERFLOW DRAIN PSI POUNDS PER SQUARE INCH RHD ROOF HYDRANT S SINK SAN SANITARY DRAIN SD STORM DRAIN SD STORM DRAIN SH SHOWER SP SUMP PUMP STM STORM DRAIN TP TRAP PRIMER TYP TYPICAL U URINAL UG UNDERGROUND V VENT VAC VACUUM VB DCW VALVE BOX VOL VOLUME VS VENT THROUGH ROOF W// WITH	CONSTRUCTION PHASING DEMO EXISTING TO REMAIN POINT OF DISCONNECTION POINT OF CONNECTION WORK IN EXISTING THIS PHASE TO REMAIN	PLOWBING PIPING LEGEND EXISTING TO REMAIN DEMOLITION WORK IN THIS PHASE KEYNOTE
C	EWC ELECTRIC WATER COOLER EWH ELECTRIC WATER HEATER FOR °F DEGREES FAHRENHEIT FCO FLOOR CLEANOUT FD FLOOR DRAIN FT FOOT OR FEET GAL GALLON (U.S.) GPC GALLONS PER CYCLE GPF GALLONS PER FLUSH GPM GALLONS PER MINUTE	W/ WITH W/O WITHOUT WC WATER CLOSET WCO WALL CLEANOUT WH WATER HEATER WHA WATER HAMMER ARRESTER WHD WALL HYDRANT WR WASTE RECEPTOR	(WYE & 1/8 BEND) $(WYE & 1/8 BEND)$ $(WYE & 1/8 BEND)$ $(WYE & 1/8 BEND)$ $(WYE & 00000000000000000000000000000000000$	$TEE \qquad TEE $
_	PLUMBING DE	SIGN CRITERIA		
B A	LOCATION: GULF SHORES, AL		FLOOR CLEANOUT · · · · · · · · · · · · · · · · · · ·	

PLUMBING	PIPING	LEGENI

PIPING SYSTEMS

DCW
——————————————————————————————————————
— — — — — — — — — — — — — — — — — — —
SAN

DOMESTIC COLD WATER DOMESTIC HOT WATER DOMESTIC HOT WATER RECIRCULATION SANITARY SEWER SANITARY SEWER VENT

<u>GENERAL</u>

- ACTUAL INSTALLATION.

- RELOCATED ON THE DRAWINGS.

COORDINATION

- ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
- 2. PROCUREMENT, FABRICATION, OR INSTALLATION.
- 3. ORDERING.
- 4 WALLS.
- 5.
- 6

<u>PIPING</u>

- 6.
- WITHIN 25 FEET.

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3

PLUMBING GENERAL NOTES

REFER TO EACH DRAWING FOR NOTES SPECIFIC TO THAT DRAWING SHEET.

THESE DRAWINGS ARE SCHEMATIC IN NATURE AND INDICATE THE GENERAL AND APPROXIMATE LOCATION OF EQUIPMENT, PIPING AND DUCTWORK. DO NOT SCALE DRAWINGS. THEY ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. THE CONTRACTOR MUST CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR MUST VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT. THE CONTRACTOR MUST PREPARE INSTALLATION INSTRUCTIONS AND FABRICATION DRAWINGS PRIOR TO

ALL PLUMBING EQUIPMENT AND ACCESSORIES MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT APPROVED EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND ALL OTHER APPLICABLE LOCAL CODES AND BUILDING STANDARDS, UNLESS DRAWINGS AND/OR SPECIFICATIONS INDICATE WORK OVER AND ABOVE CODE REQUIREMENTS.

FURNISH ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETION OF WORK UNLESS NOTED OTHERWISE.

5. ALL MISCELLANEOUS MATERIAL REQUIRED TO ENSURE PROPER INSTALLATION MUST BE PROVIDED.

6. ALL PLUMBING EQUIPMENT AND SYSTEMS MUST BE INSTALLED IN A MANNER WHICH MINIMIZES NOISE AND VIBRATION.

ALL MATERIALS REQUIRED FOR PROPER INSTALLATION MUST BE NEW UNLESS THE ITEM IS INDICATED AS EXISTING TO REMAIN OR

COORDINATE THE INSTALLATION OF ALL WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS, TO INCLUDE OFFSETS AND TRANSITIONS, MAY BE MADE TO AVOID CONFLICTS. MAJOR CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE

EQUIPMENT SIZES SHOWN ARE BASED UPON TYPICAL MANUFACTURED EQUIPMENT AVAILABLE. SHOP DRAWINGS MUST BE PROVIDED FOR REVIEW AND APPROVAL, SHOWING SPACE FOR ACCESS, EGRESS, MAINTENANCE, AND REQUIRED CODE CLEARANCES PRIOR TO ANY

COORDINATE THE ELECTRICAL REQUIREMENTS OF EACH PIECE OF EQUIPMENT WITH THE ELECTRICAL CONTRACT DOCUMENTS PRIOR TO

REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL LOUVERS, VENTS, DUCTS, AND PIPING THAT PENETRATE EXTERIOR

COORDINATE THE EXACT LOCATION OF OPENINGS IN BUILDING CONSTRUCTION WITH STRUCTURAL DRAWINGS PRIOR TO BEGINNING WORK. DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL.

DO NOT PLACE PIPING ABOVE ELECTRICAL, COMMUNICATIONS, DATA EQUIPMENT OR PANELS.

PROVIDE PERMANENT ACCESS TO ALL EQUIPMENT, VALVES, AND APPURTENANCES INSTALLED ABOVE CEILINGS OR BEHIND WALLS. LOCATE IN AREAS WITH ACCESSIBLE CEILINGS WHERE FEASIBLE, OTHERWISE PROVIDE ACCESS PANELS.

SLOPE SANITARY SEWER PIPING 2 1/2" OR SMALLER AT 1/4" PER FOOT IN DIRECTION OF FLOW. PIPING 3" OR LARGER MUST BE SLOPED AT A MINIMUM OF 1/8" PER FOOT IN THE DIRECTION OF FLOW. COMPLY WITH ALL LOCAL CODES FOR SLOPING OF PIPING.

2. PROVIDE SHUTOFF VALVES FOR ISOLATION OF INDIVIDUAL FIXTURES, FIXTURE GROUPS, AND PLUMBING EQUIPMENT.

3. ALL PIPING MUST HAVE ITS SLOPE AND INVERT ESTABLISHED PRIOR TO THE INSTALLATION OF ANY PIPING.

4. PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES

5. ALL PIPING MUST BE SLEEVED THROUGH MASONRY WALL PENETRATIONS. ALL PARTITION PENETRATIONS MUST BE ACOUSTICALLY SEALED. CONNECTIONS BETWEEN DISSIMILAR METALS MUST BE MADE WITH DIELECTRIC FITTINGS.

LOCATE CLEANOUTS IN ACCESSIBLE LOCATIONS. PLACE CLEANOUT IN VERTICAL RISER UNLESS HORIZONTAL CLEANOUT OR ACCESS EXISTS

FISH & W	BON	MILD			BONCE		CENTER 8		GUI
									REVISION DESCRIPTION
									DATE
									MRK
COMM NO: 230182									
DATE: 05/02/2024									
DRAWN: ZDA				DE	ESI	GN	l:	KR	R
CHECK: SWL									
SHEET TITLE LEGEND, ABBREVIATIONS & GENERAL NOTES									

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1. SEE FIX NOTED 2. MAINTA AROUN 3. DOMES DOMES FEET F	CENERAL SHEET NOTES XTURE SCHEDULE FOR CONNECTION SIZES UN OTHERWISE. AIN MANUFACTURER RECOMMENDED CLEARA ID ALL EQUIPMENT. TIC HOT WATER RECIRCULATION CONNECTION TIC HOT WATER PIPE SHALL BE NO FURTHER ROM FIXTURE CONNECTION.	Certificate of Authorization Number Definition (2000) Environment of Statistical Statistics (2000) Environment of Statistics (2000)
#1.2" DCW CIVIL D2.DOMES BALANG3.PROVID IN VER4.ROUTE CHECK	KEYNOTES WITH INVERT 2'-0" BELOW FINISHED FLOOR. RAWING C-102 FOR CONTINUATION. TIC HOT WATER RECIRCULATION VALVES ARI CED AT 0.5 GPM. E REDUCED PRESSURE ZONE BACKLFOW PR TICAL RISER. DISCHARGE DRAIN THROUGH W. DIRECTLY TO ICEMAKER. PROVIDE A LEAD FR VALVE UPSTREAM OF ICEMAKER.	REFER TO E TO BE REVENTER ALL. REE DUAL
		FISH & WILDLIFE SERVICES BON SECOUR NAT'L BON SECOUR NAT'L WILDLIFE REFUGE WILDLIFE REFUGE BONSECOUR VISITOR CENTER & ADMINSTRATION CENTER & ADMINSTRATION CENTER & ADMINSTRATION
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									Pl	_UMBI	NG FIX	TURE	S
	DESIGNATION	FIXTURE	ACCESSIBILITY	MATERIAL	FLUSH	SUPPLY FITTINGS	TRAP	CARRIER		CONNECT	ION SIZES		
					VALVE	AND STOPS			WASTE	VENT	НОТ	COLD	
E	EWC-1	ELECTRIC WATER COOLER	ADA	STAINLESS STEEL		ANGLE STOP	1 1/2"	WALL MOUNTED	1 1/2"	1 1/2"		1/2"	STAINLESS STEEL BI-LEVEL WALL-MOUNT WATER COOLER WITH SUPPO
	KS-1	BREAK ROOM SINK	ADA	STAINLESS STEEL		ANGLE STOPS	1 1/2"	UNDERMOUNT	1 1/2"	1 1/2"	1/2"	1/2"	25" X 21-1/4" X 6-7/8" SS BOWL, ONE COMPARTMENT WITH FOUR HOLE P VANDLE-PROOF WRISTBLADE HANDLES. PROVIDE ASSE 1070 VALVE TO
	L-1	LAVATORY	ADA	VITREOUS CHINA		ANGLE STOPS	1 1/2"	WALL MOUNTED	1 1/2"	1 1/2"	1/2"	1/2"	MAXIMUM 0.5 GPM FAUCET WITH MANUAL CONTROL. PROVIDE ASSE 107
	MS-1	MOP SINK		TERRAZZO			3"	FLOOR	3"	1 1/2"	1/2"	1/2"	24" X 24" X 12" BOWL SIZE WITH NEO-CORNER AND STAINLESS STEEL G
	SH-1A	SHOWER	ADA	FRP			2"	FLOOR	2"	1 1/2"	1/2"	1/2"	PROVIDE 1.5 GPM SHOWER SYSTEM. PROVIDE DOUBLE CERAMIC PRES MIXING VALVE AND CERAMIC BALANCING SPOOL). CARTRIDGE SHALL P PROVIDE VALVE TRIM KIT WITH RED/BLUE INDICATOR RING. PROVIDE W SHOWER HEAD/ARM SHALL BE SLIDING ADJUSTABLE SPRAY TYPE. PRO INFORMATION.
D	VB-1	VALVE BOX	ASME A112.19.2	ABS PLASTIC BOX		WALL MOUNTED RECESSED						1/2"	6" X 6" X 3-3/8" SINGLE VALVE WITH CONNECTION FOR REFRIGERATOR TYPE L COPPER TUBE WATER HAMMER ARRESTOR.
	VB-2	VALVE BOX	ASME A112.18.1 / CSA B125.1	BMC PLASTIC BOX		WALL MOUNTED RECESSED			2"	1 1/2"	3/4"	3/4"	10.10" X 8.36" X 3.92" DOUBLE VALVE WITH CONNECTIONS FOR LAUNDR SWEAT.
	WC-1	WATER CLOSET	ADA	VITREOUS CHINA		ANGLE STOP	INTEGRAL	. FLOOR	3"	1 1/2"		1/2"	FLOOR MOUNTED, FLOOR OUTLET, TANK TYPE. LOW FLOW 1.28 GPF W

NOTES:

1. ALL EXPOSED PIPING AT PLUMBING FIXTURES SHALL BE CHROME-PLATED WITH CHROME-PLATED ESCUTCHEONS AT WALL PENETRATIONS. 2. PROVIDE CHROME-PLATED BRASS P-TRAP AND SUPPLIES WITH STOP VALVES AT ALL SINKS, LAVATORIES, AND DRINKING FOUNTAINS.

3. PROVIDE INSULATION FOR P-TRAP AND SUPPLIES AT ALL ADA SINKS AND LAVATORIES.

4. CONNECTION SIZES SHOWN ARE MINIMUM SIZES.

5. SEE PLANS FOR COMMON VENT SIZES.

					PLUM	BING SPE
DESIGNATION	FIXTURE	BODY MATERIAL	COLOR FINISH	OUTLET CONNECTION	INLET CONNECTION	
FD-1	FLOOR DRAIN	CAST-IRON	NICKEL BRONZE	3"		NO HUB CONNECTIO
HB-1	HOSE BIBB	BRONZE / STAINLESS STEEL	STAINLESS STEEL	3/4"	3/4"	ENCASED, ANTI-SIP BACKFLOW PREVE
LD-1	LINEAR SHOWER DRAIN	STAINLESS STEEL	STAINLESS STEEL	2"		NO HUB CONNECTION WATERPROOFING N
FCO-1	FLOOR CLEANOUT	CAST-IRON	NICKEL BRONZE	1-1/2"		NO HUB CONNECTIO
FCO-2	FLOOR CLEANOUT	CAST-IRON	NICKEL BRONZE	2"		NO HUB CONNECTIO
FCO-3	FLOOR CLEANOUT	CAST-IRON	NICKEL BRONZE	3"		NO HUB CONNECTIO

WATER HEATER					
DESIGNATION	WH-1				
ТҮРЕ	ELECTRIC				
LOCATION	MECH				
STORAGE (GAL)	50				
STORAGE TEMPERATURE (F)	140				
INPUT (kW)	12.3				
GPH AT 90 DEG F RISE	56				
ELECTRICAL DATA					
VOLTS	240				
PHASE	1				
HZ	60				
BASIS OF DESIGN	AO SMITH				
MODEL	DRE-52-12				
REMARKS 1, 2					
REMARKS LEGEND:					
1. PROVIDE DISCONNECT SWITCH.					
2. TEMPERATURE RISE: 50°F TO 140°F					

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VVATER					
RECIRCULATION PUMP					
DESIGNATION	DHWP-1				

	2			
FLOW RATE (GPM)	2			
HEAD (FT-H2O)	5			
TYPE	IN-LINE CENTRIFUGAL			
RPM	1,471			
VOLTS	120			
PHASE	1			
FREQUENCY (Hz)	60			
REMARKS	1,2			
REMARKS LEGEND:				
1. PUMP MUST BE DESIGNED FOR POTABLE WATER USE.				
2. PROVIDE AQUASTAT AND TIME CLOCK.				

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DW EXPANSION TANK			
DESIGNATION	DET-1		
SERVICE	DOMESTIC HOT WATER		
LOCATION	MECH		
ТҮРЕ	DIAPHRAGM		
FILL PRESSURE (PSI)	60		
RELIEF VALVE PRESSURE SETTING (PSI)	80		
MINIMUM TANK SIZE (GAL)	10.3		
MINIMUM ACCEPTANCE VOLUME (GAL)	10.3		
BASIS OF DESIGN	AMTROL ST-25V		

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CIALTIES SCHEDULE

DESCRIPTION

ION. PROVIDE P-TRAP WITH ASSE 1072 BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICE.

PHON, AUTOMATIC DRAINING WALL HYDRANT WITH 3/4" HOSE CONNECTION, FLUSH INSTALLATION, NON-FREEZE TYPE INTEGRAL NTER.

ION. ANTI-PONDING V-SHAPED CHANNEL WITH 2" DRAIN CONNECTION, ANCHORING SUPPORT LEGS, BUILT-IN TILE EDGE, MEMBRANE.

ON. PROVIDE P-TRAP WITH ASSE 1072 BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICE.

ON. PROVIDE P-TRAP WITH ASSE 1072 BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICE.

ON. PROVIDE P-TRAP WITH ASSE 1072 BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICE.

MIXING VALVE SCHEDULE				
DESIGNATION	MV-1			
SERVICE	BUILDING DHW			
ТҮРЕ	THERMOSTATIC			
MAXIMUM FLOW DEMAND (GPM)	143			
MAXIMUM PRESSURE DROP (PSI)	10			
MINIMUM FLOW (GPM)	2			
SETPOINT	131°F			
RATING	ASSE 1017			
REMARKS	1, 2			
REMARKS LEGEND:				
1. MIXING VALVE SHALL MAINTAIN OUTLET TEMPERATURE AT MINIMUM FLOW RATE OF 0.5 GPM WHEN INSTALLED WITH RECIRCULATION LOOP.				
2. PROVIDE MANIFOLD MIXING VALVE ARRANGEMENT TO ACHIEVE SCHEDULED PERFORMANCE.				

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NOTES

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ORT. PROVIDE BOTTLE FILLING STATION. PROVIDE 120V/1PH.

PUNCH AND CENTER DRAIN. 1.5 GPM CHROME FAUCET WITH SIDE SPRAY, 4" O LIMIT WATER TO 110 DEG F.

70 VALVE TO LIMIT WATER 110 DEG F.

GUARDS, STRAINER GRATE.

SURE BALANCE CARTRIDGE (ONE-PIECE CARTRIDGE TO INCLUDE CERAMIC DISC PROVIDE ADJUSTABLE HOT LIMIT SAFETY STOP AND INTEGRATED CHECK VALVES. VITH METAL LEVER SINGLE HANDLE AND MINIMUM 3 FUNCTION SHOWER HEAD. VIDE LINEAR STYLE DRAIN. REFER TO ARCHITECTURAL DETAILS FOR FURTHER

WATER AND/OR ICE. PROVIDE TOP MOUNT HOSE BIBB 1/4 TURN BRASS VALVE WITH

2. PROVIDE 2" DWV DRAIN PIECE. PROVIDE WATER HAMMER ARRESTOR, COPPER

ATER CLOSET WITH MANUAL FLUSH VALVE. RIM HEIGHT AT 17" AFF.

BACKFLOW PREVENTER SCHEDULE						
ESIGNATION	LOCATION	SERVICE	SIZE	DESCRIPTION		
BFP-1	MECH	BUILDING CW SUPPLY	2"	VERTICAL TYPE WITH WYE STRAINER, REDUCED PRESSURE ZONE VALVE ASSEMBLY. BASIS OF DESIGN: WATTS 909.		

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		MECHANICAL A	BBRE	VIATIONS		HVA
	(D)	DEMOLISH	GAI	GALLON (U.S.)	CONST	RUCTION PHAS
	(E)	EXISTING ELEMENT TO REMAIN	GALV	GALVANIZED		
	ACC	AIR COOLED CHILLER	н	HUMIDITY	DEMO EXISTING TO REMAIN	
	ACU	AIR CONDITIONING UNIT	HGI	HOODED GRAVITY INTAKE		
	AD AFF	ACCESS DOOR ABOVE FINISHED FLOOR	HGR	HOODED GRAVITY RELIEF HIGH PRESSURE CONDENSATE	DISCONNECTIO	
Е	AFMS	AIR FLOW MEASUREMENT STATION	HPS	HIGH PRESSURE STEAM	N N	
	AHU	AIR HANDLING UNIT	HWB	HOT WATER BOILER	POINT OF	
	AI	ANALOG INPUT	HWP	HOT WATER PUMP		
	AO		HWR	HEATING HOT WATER RETURN		
		ΑΙΚ ΡΚΕSSURE DROP			THIS PHASE TO REMAIN	
	ARCH	ARCHITECTURE	LPC	LOW PRESSURE CONDENSATE		FRMINAL TAGS
	AS	AIR SEPARATOR	LPS	LOW PRESSURE STEAM		
	ATFP	ANTI-TERRORISM / FORCE	MD	MANUAL VOLUME DAMPER	R=RETURN	
	- BEI		MPC	MEDIUM PRESSURE CONDENSATE	NUMBER: UNIT	
	BEL	BUFFER TANK	MPS	MEDIUM PRESSURE STEAM	DESIGNATION	
	CD	CONTROL DAMPER	NC	CLOSED	NECK SIZE:	
	CDW	CONDENSER WATER	NG	NATURAL GAS	S2C B=8" E=14" F=16"	R-1
	CFH	CUBIC FEET PER HOUR	NO	NUMBER OR NORMALLY OPEN	150 C=10"	150
	CFM		NPSH	NET POSITIVE SUCTION HEAD		
	CHP					
	CHS	CHILLED WATER SUPPLY		OCCUPANCY	DU	<u>CT SYSTEMS</u>
D	CLG	COOLING OR CEILING	P	PRESSURE	<u>50</u>	
	CO	CLEANOUT	PC	PUMPED CONDENSATE		
	CO		PG	PROPANE GAS	DOWN UP	\$ 12'
			PSI OTV	POUNDS PER SQUARE INCH		
	CUND	CONDENSATE OR CONDENSER				1 ∶
	CU	CONDENSING UNIT	REF	REFRIGERANT		
	CWR	CONDENSER WATER RETURN	RH	RELATIVE HUMIDITY	EXHAUST DUCT	
	CWS	CONDENSER WATER SUPPLY	RLF	RELIEF AIR		
		DIRECT DIGITAL CONTROL	SA			
	DEG		SD	DETECTOR		SSORIES & FIT
	DN	DOWN	SF	SQUARE FEET	ACCESSORIES	<u>RECT</u>
	DO	DIGITAL OUTPUT	SFD	COMBINATION FIRE & SMOKE		IVI
	DOAS	DEDICATED OUTDOOR AIR SYSTEM	SD.			
	DP		STD	STANDARD	BALANCING	90 DEG 🛏
	EA	EXHAUST AIR OR EACH	STL	STEEL		BEND
	EL	ELEVATION	Т	TEMPERATURE	DAMPER, H	
С	ESS	EMERGENCY STOP SWITCH	TB	TERMINAL BOX		
	EXH	EXHAUST	TSTAT			45 DEG
	F OR °F	DEGREES FAHRENHEIT		TERMINAL UNIT CONTROLLER	Nd	BEND
			UH	UNIT HEATER		[
	FD FO		VAV	VARIABLE AIR VOLUME		
	FOR	FUEL OIL RETURN	VFD	VARIABLE FREQUENCY DRIVE		
	FOS	FUEL OIL SUPPLY				UP
	FPM	FEET PER MINUTE		WITH		
	FS T	FLOW SWITCH	W/O	WITHOUT		R
	FT F7	FREEZESTAT	WG	WATER GAUGE		
	GA	GAUGE	XFER	TRANSFER		90 DEG
						BEND
				ΙΤΕΡΙΛ		
	LOCATIO	N: GULF SHORES, AL		CLIMATE ZONE: 2A		
в	<u>OUTDOO</u>	<u>R DESIGN</u>				
		TEMPERATURE	TE	MPERATURE		<u>C</u>
	DESIG	DRY BULB		WET BULB		
	COOLING	93.8 °F		78.4 °F		
	HEATING	i 33.2 °F		XX.X °F	SECURITY	90 DEG
	INDOOR	DESIGN			BARS	BEND
						<
	SF	PACE TYPE COOLING C	OOLING	HEATING HEATING TEMPERATURE RH NOTES	AIRFLOW	ł
		AREAS 70 °F	50 %	75 °F 50 %		45 DEG
						BEND <
					· · · ·	-
						DOWN <
					FLEXIBLE	
						UP <
А						

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MECHANICAL GENERAL NOTES

THESE DRAWINGS ARE SCHEMATIC IN NATURE AND INDICATE THE GENERAL AND APPROXIMATE LOCATION OF EQUIPMENT, PIPING AND DUCTWORK. DO NOT SCALE DRAWINGS. THEY ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. A COMPLETE HEATING, VENTILATING AND AIR CONDITIONING SYSTEM (HVAC) WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS MUST BE PROVIDED. THE CONTRACTOR MUST CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR MUST VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT. THE CONTRACTOR MUST PREPARE INSTALLATION INSTRUCTIONS AND FABRICATION DRAWINGS PRIOR TO ACTUAL INSTALLATION.

ALL MECHANICAL EQUIPMENT AND ACCESSORIES MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT APPROVED EDITION OF THE INTERNATIONAL MECHANICAL CODE (IMC) AND ALL OTHER APPLICABLE LOCAL CODES AND BUILDING STANDARDS, UNLESS DRAWINGS AND/OR

FURNISH ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETION OF WORK UNLESS NOTED OTHERWISE.

ALL MISCELLANEOUS MATERIAL REQUIRED TO ENSURE PROPER INSTALLATION MUST BE PROVIDED.

ALL MECHANICAL EQUIPMENT AND SYSTEMS MUST BE INSTALLED IN A MANNER WHICH MINIMIZES NOISE AND VIBRATION. ALL MATERIALS REQUIRED FOR PROPER INSTALLATION MUST BE NEW UNLESS THE ITEM IS INDICATED AS EXISTING TO REMAIN OR RELOCATED ON THE

COORDINATE THE INSTALLATION OF ALL WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS, TO INCLUDE OFFSETS AND TRANSITIONS. MAY BE MADE TO AVOID CONFLICTS. MAJOR CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO

EQUIPMENT SIZES SHOWN ARE BASED UPON TYPICAL MANUFACTURED EQUIPMENT AVAILABLE. SHOP DRAWINGS MUST BE PROVIDED FOR REVIEW AND APPROVAL, SHOWING SPACE FOR ACCESS, EGRESS, MAINTENANCE, AND REQUIRED CODE CLEARANCES PRIOR TO ANY PROCUREMENT, FABRICATION,

COORDINATE THE ELECTRICAL REQUIREMENTS OF EACH PIECE OF EQUIPMENT WITH THE ELECTRICAL CONTRACT DOCUMENTS PRIOR TO ORDERING. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL LOUVERS, VENTS, DUCTS, AND PIPING THAT PENETRATE EXTERIOR WALLS. COORDINATE THE EXACT LOCATION OF OPENINGS IN BUILDING CONSTRUCTION WITH STRUCTURAL DRAWINGS PRIOR TO BEGINNING WORK. DO NOT

DO NOT PLACE PIPING ABOVE ELECTRICAL, COMMUNICATIONS, DATA EQUIPMENT OR PANELS.

DUCT SIZES SHOWN ON THE DRAWINGS ARE SHEET METAL SIZES. WHERE INTERNAL LINING OR DOUBLE WALL DUCTWORK ARE INDICATED, DIMENSION

ALL BRANCH DUCTWORK MUST BE SIZED TO MATCH THE TERMINAL CONNECTION SERVED UNLESS NOTED OTHERWISE. FLEXIBLE DUCT TO DIFFUSERS MUST BE INSTALLED FREE OF KINKS AND SAGS. MAXIMUM LENGTH OF FLEXIBLE DUCT MUST BE 5'-0". ALL RUNOUT AND BRANCH DUCTS MUST CONTAIN

ALL DUCT TRANSITIONS FROM SQUARE TO ROUND MUST BE SMOOTH SQUARE TO ROUND TRANSITIONS.

ALL DAMPERS, DAMPER OPERATORS, AND FANS MUST BE ACCESSIBLE. LOCATE ALL EQUIPMENT OR APPURTENANCES IN AREAS WITH ACCESSIBLE. CEILINGS. THE CONTRACTOR MAY UTILIZE ACCESS PANELS FOR THOSE AREAS NOT EASILY ACCESSIBLE. ALL ACCESS PANEL LOCATIONS MUST BE COORDINATED WITH THE CONTRACT DOCUMENTS AND APPROVED BY THE OWNER PRIOR TO INSTALLATION OF EQUIPMENT.

PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES

ALL DUCTWORK MUST BE SLEEVED THROUGH WALL PENETRATIONS EXCEPT INTERIOR PARTITIONS. ALL WALL PENETRATIONS OF DUCTWORK MUST BE

PROVIDE CONICAL TEES FOR TAKE-OFFS FROM ROUND AND FLAT OVAL DUCTWORK. PROVIDE TAPS WITH 45 DEGREE DUCT HEEL FOR TAKE-OFFS FROM

SLOPE CONDENSATE DRAINS AT 1/8" PER FOOT MINIMUM IN THE DIRECTION OF FLOW. PROVIDE FITTINGS TO ALLOW CLEANING OF ENTIRE SYSTEM. ALL PIPING MUST HAVE ITS SLOPE AND INVERT ESTABLISHED PRIOR TO THE INSTALLATION OF ANY PIPING. ALL PIPING SYSTEMS THAT ARE NOT OPEN TO ATMOSPHERE MUST BE PROVIDED WITH VALVED DRAINS AT LOW POINTS AND MANUAL AIR VENTS AT

PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES

ALL PIPING MUST BE SLEEVED THROUGH MASONRY WALL PENETRATIONS. ALL PARTITION PENETRATIONS MUST BE ACOUSTICALLY SEALED. SIZE AND ROUTE REFRIGERANT PIPING PER EQUIPMENT MANUFACTURER'S WRITTEN INSTRUCTIONS.

CONNECTIONS BETWEEN DISSIMILAR METALS MUST BE MADE WITH DIELECTRIC FITTINGS.

INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. CONTRACT

ALL MECHANICAL EQUIPMENT MUST BE INSTALLED IN SUCH A MANNER SO THAT ALL FILTERS, VALVES, MOTORS, DAMPERS, ETC., ARE COMPLETELY

COMPLETE AND PROPER INSTALLATION OF THERMOSTATS AND ALL OTHER NECESSARY FIELD MOUNTED CONTROL COMPONENTS MUST BE THE RESPONSIBILITY OF THE MECHANICAL OR CONTROLS CONTRACTOR. THE EQUIPMENT MANUFACTURER MUST FURNISH COMPLETE WIRING CONTROLS. ALL CONTROL WIRING IN MECHANICAL ROOMS OR AREAS SUBJECT TO DAMAGE MUST BE IN CONDUIT AND INSTALLED PER ELECTRICAL CONTRACT

PROVIDE FLEXIBLE CONNECTIONS BETWEEN HVAC EQUIPMENT AND SHEET METAL DUCTWORK.

Miley Wilson Constant Progress	5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
FISH & WILDLIFE SERVICE	DEPENDENT STATE



FISH & WILDLIFE SERVICES BON SECOUR NAT'L	WILDLIFE REFUGE	BONSECOUR VISITOR	CENTER & ADMINISTRATION	12295 STRONG RD. GULF SHORES, AL 36542		
				REVISION DESCRIPTION		
				DATE		
				MRK		
COMM NO	:	230182	2			
DATE:	05	02/2024	L.			
	ZDA	DESIGN	:	KKK SWI		
SHEET TI	TLE					
LEGEND, ABBREVIATIONS & GENERAL NOTES SHT. NO. REV. NO.						
M-001						



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			FΔN (SCHEDU					
INDOOR			FCU-01	FCU-02	FCU-03	FCU-04	FCU-05	FCU-07	FCU-08	FCU-14
OUTDO	OR UNIT DESIGNATION		CU	-01		CU-02			CU-03	1
AREA SI	AREA SERVED		VISITOR CENTER	CONFERENCE	BREAK	104 DOUBLE	PRIVATE OFFICE O1	IT/PRINTER	SHOP, 111 SPARE PRIVATE OFFICE	EMPLOYEE PUBLIC RR, SPARE PRIV OFFICE
OUTSIDE AIR (CFM)		120	100	50	30	20	20	60	20	
UNIT TY	PE		DUCTED CEILING CONCEALED	DUCTED CEILING CONCEALED	DUCTED CEI CONCEALI					
		AIRFLOW (HIGH)	690	690	430	350	350	430	430	350
		EXTERNAL STATIC PRESSURE (IN. WG)	0.16	0.29	0.31	0.42	0.40	0.34	0.37	0.40
		TOTAL COOLING CAPACITY (MBH)	16.1	10.2	9.4	5.3	5.8	7.1	7.8	5.3
	EVAPORATOR	SENSIBLE COOLING CAPACITY (MBH)	12.7	7.6	8.0	4.4	5.3	6.5	6.4	4.8
		COOLING ENTERING AIR TEMP (DB / WB)	78.5 / 64.3	78.9 / 64.7	78.1 / 64.0	78.4 / 64.4	77.9 / 63.9	78.2 / 63.9	78.9 / 64.9	77.2 / 63.
		COOLING LEAVING AIR TEMP (DB)	55	55	55	55	55	55	55	55
OR		ELECTRIC HEATING COIL CAPACITY (KW)	3	3	3	3	3	3	3	3
		MINIMUM CIRCUIT AMPACITY (A)	26.16	20.40	20.40	11.39	11.39	14.40	15.10	15.00
		MOCP	30	25	25	15	15	15	20	20
	ELECTRICAL	VOLTAGE (V)	240	240	240	240	240	240	240	240
		PHASE	1	1	1	1	1	1	1	1
		FREQUENCY (Hz)	60	60	60	60	60	60	60	60
REFRIG	RIGERANT		R-410A		R-410A			R-410A		
		AMBIENT DESIGN TEMPERATURE (DEG F)	9:	5	95			95		
		RATED TOTAL COOLING CAPACITY (MBH)	3.	2	3.2				3.2	
	CONDENSER	MINIMUM RATED COOLING CAPACITY (MBH)	7.1	16	7.16			7.16		
		RATED HEATING CAPACITY (MBH)	38	.8		38.8			38.8	
۲ ۲		SEER	10	6		16			16	
IOC		HSPF	Ç)	9				9	
D L		MINIMUM CIRCUIT AMPACITY (A)	10	6		16			16	
or			2	5		25			25	
	ELECTRICAL		24	10		240			240	
				0		60			60	
							_	T IAL 100 000 101 10 0 /		
BASIS C	OF DESIGN		TIAH018B22M5H/Y VAHP036B21S	TIAH018B22M5H/Y VAHP036B21S	TIAH012B22M3H/Y VAHP036B21S	TIAH008B22M3H/Y VAHP036B21S	TIAH008B22M3H/Y VAHP036B21S	TIAH0B22M3H/YV AHP036B21S	TIAH0B22M3H/YV AHP036B21S	VAHP036E
REMAR	KS		1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4, 5, 6	1, 2, 3, 4,
REMAR	KS LEGEND:									
1. INSTA	LL PER MANUFACTUR	ER'S INSTRUCTIONS, ADJUST CHARGE AS NEED	ED FOR REFRIGERA	ANT PIPE LENGTH.						
2. PROV	IDE 3/4" CONDUIT BET	WEEN INDOOR AND OUTDOOR UNIT. PROVIDE C	ORROSION RESISTA	ANT COATING ON (CONDENSER COIL.					

5. PROVIDE VARIABLE SPEED INVERTER COMPRESSORS CAPABLE OF MODULATING DOWN TO MINIMUM CAPACITY.

6. PROVIDE FILTER BOX ON INLET WITH MINIMUM 2" MERV 8 FILTERS. EXTERNAL STATIC PRESSURE INCLUDES LOSS OF CLEAN RETURN FILTER.

			AIR T	ERMINAL	SCHEDU	LE				ELECTRIC UNIT H	EATER
TAG NUMBER	S1	S3	S4	R1	R2	R3	E1	E2	E4	SCHEDULE	
DESCRIPTION	SUPPLY	SUPPLY	SUPPLY	RETURN	TRANSFER	RETURN	EXHAUST	EXHAUST	EXHAUST		UH-1
TYPE	3-CONE	SIDEWALL	LINEAR	EGGCRATE	EGGCRATE	LINEAR	EGGCRATE	EGGCRATE	EGGCRATE	LOCATION	112 MECH
	A=6"									TYPE	CEILING HUNG
	B=8"		0"	10.14	0.14.0	0"	0 X 0		0.14.0	AIRFLOW (CFM)	350
NECK SIZE	C=10"	- 12 X 6	8"	12 X 6	8 X 8	8"	8 X 8	8 X 8	8 X 8	THROW	HORIZONTAL
	D=12"	-								CAPACITY (KW)	3
FRAME STYLE	LAY-IN	EXPOSED	SURFACE	EXPOSED	SURFACE	SURFACE	LAY-IN	SURFACE	SURFACE	ENTERING AIR TEMPERATURE (DEG F)	55
	24 ¥ 24	12 X 6		12 × 6			24 × 24				1
	24 \ 24		4 F I	12 \ 0	0 ^ 0	4 F I	24 \ 24	24 \ 24	0 ^ 0		60
AIR PATTERN	4-WAY	DOUBLE DEFLECTION	TWO 1" WIDE SLOTS			TWO 1" WIDE SLOTS				MAXIMUM MOUNTING HEIGHT (FT)	9
MAX PRESSURE DROP	0.075	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	REMARKS	1, 2
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	REMARKS LEGEND:	
	BAKED	BAKED	BAKED	BAKED	BAKED	BAKED	BAKED	BAKED	BAKED	1. PROVIDE UNIT MOUNTED DISCONNECT	Г
FINISH	ENAMEL	ENAMEL	ENAMEL	ENAMEL	ENAMEL	ENAMEL	ENAMEL	ENAMEL	ENAMEL	2. PROVIDE UNIT MOUNTING KIT FROM M	ANUFACTURER.
REMARKS			1			2					
REMARKS LEGEND:											
1. PROVIDE FACTORY P	LENUM. BASIS OF	DESIGN: TITUS ML	-39 WITH MP-39.							1	

2. PROVIDE FACTORY PLENUM. BASIS OF DESIGN: TITUS MLR-39 WITH MP-39.

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	EXHAUST FAN SCHEDULE													
FAN DATA ELECTRICAL DATA						BASIS C	OF DESIGN	DEMADKS						
UNIT NUMBER	SERVICE	FANTIPE	AIRFLOW - CFM	ESP - IN WG	RPM	MOTOR TYPE	DRIVE TYPE	VOLTAGE	PHASE	FREQUENCY	MOTOR POWER - HP	MANUFACTURER	MODEL	
EF-1	112 MECH	WALL EXHAUST	220	0.1	445	VARI-GREEN	DIRECT	120	1	60	1/4	GREENHECK	AER-20-02-0605-VG	1,2
REMARKS:	REMARKS:													
1. PROVIDE UNIT	PROVIDE UNIT WITH ALUMINUM HOUSING WITH DUCT COLLARS, PROPELLER, DIRECT DRIVEN MOTOR MOUNTED WITH VIBRATION ISOLATION, AND 1/2" X 1/2" WIRE MESH CAGE FOR DUCT OPENING INSIDE MECHANICAL ROOM.													
2. PROVIDE UNIT	F WITH SIDEWALI	_ MOUNTING KIT FROM M	ANUFACTURER AT I	MOUNTING HEIGI	HT OF 10'-0".									

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DESIGNATION

BASED ON MODEL REMARKS REMARKS LEGEND: 1. PROVIDE SINGLE 2. PROVIDE UNIT MO

3. PROVIDE ECM W

DESIGNA USAGE DESCRIP DEPTH (I FRAME T WIDTH (II HEIGHT (AIRFLOW FREE AR FREE AR

PRESSU BASIS OF REMARK REMARK 1. PROVIE 2. PROVIE

3.	SL	JBN

2

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SIGNATION		ERV-1	1, Buildin 30328
	AIRFLOW (CFM)	420	Road a, GA
7	FAN TYPE	FORWARD CURVED	
UPPLY FAN	QUANTITY	1	
	CONTROL TYPE	ECM	
	EXTERNAL STATIC PRESSURE (IN. WG)	1.0	
SI	SUPPLY FAN MOTOR SPEED (RPM)	1,725	
	DRIVE TYPE	DIRECT	
	AIRFLOW (CFM)	320	
Z	FAN TYPE	FORWARD CURVED	-
ΕA -	QUANTITY	1	
HAUST	CONTROL TYPE	ECM	
	EXTERNAL STATIC PRESSURE (IN. WG)	1.0	
ХШ	SUPPLY FAN MOTOR SPEED (RPM)	1,725	
	DRIVE TYPE	DIRECT	
	OPERATING OUTSIDE AIRFLOW	420	205
	OPERATING EXHAUST AIRFLOW	320	
	OUTDOOR EAT DB/WB (COOLING)	93.8 / 78.4	
Ë	OUTDOOR EAT DB (HEATING)	33.2 / 28.0	
\geq	INDOOR EAT DB/WB (COOLING)	75 / 63	HS
ГЪ	INDOOR EAT DB (HEATING)	70 / 54	E DETAIL
ГНА	DELIVERED CONDITIONS DB/WB (COOLING)	81.0 / 69.0	
L N M	DELIVERED CONDITIONS DB/WB (HEATING)	57.5 / 46.0	
	MINIMUM COOLING EFFECTIVENESS %	64	
	MINIMUM HEATING EFFECTIVENESS %	64	
	SUPPLY FILTER	MERV 8	
FILIERS	EXHAUST FILTER	MERV 8	
	SUPPLY FAN HP	3/4	CEORG
	EXHAUST FAN HP	3/4	Kinter Citers
CAL	VOLTS (V)	240	PROFESSIONAL
TRI	PHASE	1	WG INEE
С Ш	FREQUENCY (Hz)	60	RUTH LOVE
Ш	MCA	12.4	
	МОР	15	
ED ON		GREENHECK	s z
EL		MINIVENT-450-VG	
ARKS		1, 2, 3	
ARKS LEG	END:		
ROVIDE SIN	IGLE POINT POWER CONNECTION.		₩ Z Ū S L S
	IT MOUNTED DISCONNECT.		
	M WITH SPEED CONTROL.		

LOUVER SCHEDULE									
ATION	L-1	L-2	L-3	L-4					
	INTAKE	INTAKE	EXHAUST	EXHAUST					
PTION	DRAINABLE BLADE	DRAINABLE BLADE	DRAINABLE BLADE	DRAINABLE BLADE					
N)	6	6	6	6					
YPE	CHANNEL	CHANNEL	CHANNEL	CHANNEL					
N)	14	14	14	22					
(IN)	18	18	14	22					
V (CFM)	220	420	320	220					
REA (SF)	0.6	0.6	0.4	1.4					
EA VELOCITY (FPM)	379	723	914	158					
RE DROP (IN H2O)	0.02	0.08	0.11	0.004					
F DESIGN:	GREENHECK ESD-635	GREENHECK ESD-635	GREENHECK ESD-635	GREENHECK ESD-635					
S	1, 3	1, 3	1, 3	1, 2, 3					
S LEGEND:									
DE BIRD SCREEN.									
DE BACKDRAFT DAMPER.									

BMIT COLOR CHART. COLOR TO BE CHOSE BY THE ARCHITECT.

BONSE CENTER & FISH & WI BON S WILD COMM NO: 230182 DATE: 05/02/2024 DRAWN: ZDA DESIGN: KRR CHECK: SWL SHEET TITLE SCHEDULES SHT. NO. REV. NO.

M-601



ENERGY RECOVERY VENTILATOR (ERV-1)

NOTE: ALL SET POINTS DICTATED IN SEQUENCE OF OPERATION SHALL BE ADJUSTABLE.

ENERGY RECOVERY VENTILATOR SEQUENCE OF OPERATIONS:

RUN CONDITIONS:

THE ERV AND SPLIT SYSTEMS SHALL OPERATE ON AN IDENTICAL OCCUPANCY SCHEDULE. ERV-1 AND EACH SPLIT SYSTEM SUPPLY FAN SHALL OPERATE CONTINUOUSLY DURING PERIODS OF BUILDING OCCUPANCY AND SHALL REMAIN OFF DURING TIMES THE BUILDING IS UNOCCUPIED.

SHUT DOWN MODE:

DURING THE SHUT DOWN MODE, ERV-1 AND THE SPLIT SYSTEMS SHALL REMAIN OFF. THE INTAKE AND EXHAUST DAMPERS SHALL BE CLOSED, AND THE OUTSIDE AIR AND EXHAUST FANS SHALL BE OFF.

OCCUPIED MODE:

ERV-1 FANS AND WHEEL DRIVE SHALL RUN CONTINUOUSLY TO MAINTAIN VENTILATION AND EXHAUST TO THE BUILDING. ERV-1 SHALL OPERATE IN CONCERT WITH THE SPLIT SYSTEMS. WHICH THEN DISTRIBUTE AIR THROUGHOUT THE BUILDING.

UNOCCUPIED MODE:

THE ERV SHALL REMAIN IN SHUTDOWN MODE.

IF A CALL FOR CONDITIONING OCCURS DURING UNOCCUPIED HOURS THE ASSOCIATED SPLIT SYSTEM SHALL START AND OPERATE THE OUTDOOR UNIT TO MEET SETPOINT CONDITIONS. ERV-1 SHALL NOT BE ACTIVATED AND THE OUTDOOR AIR AND EXHAUST DAMPERS SHALL REMAIN CLOSED.



TYPICAL UTILITY EXHAUST FAN CONTROL DIAGRAM (EF-1)

SCALE: NONE

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SEQUENCE OF OPERATION:

ON A RISE IN SPACE TEMPERATURE ABOVE SET POINT (85°F, ADJUSTABLE, MEHCANICAL ROOM TEMP) THE OUTSIDE AIR DAMPER SHALL BE OPENED AND THE EXHAUST FAN SHALL BE ENABLED. ON A FALL BELOW SET POINT THE REVERSE SHALL OCCUR.

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DAY	OCCUPIED HOURS	UNO
MONDAY	0700 - 1700	0000 - 0
TUESDAY	0700 - 1700	0000 - 0
WEDNESDAY	0700 - 1700	0000 - 0
THURSDAY	0700 - 1700	0000 - 0
FRIDAY	0700 - 1700	0000 - 0
SATURDAY		
SUNDAY		

2

M-701

POWER DISTRIBUTION SYSTEM LEGEND

COMBINATION MOTOR STARTER AND DISCONNECTING MEANS.

	120/240V PANELBOARD. DASHED REGION IS WORKING CLEARANCE.	HN3-1,3,5	FEEDER HOMERUN TO PANEL
\bigcirc	ELECTRIC MOTOR CONNECTION.	/	
	DRY TYPE TRANSFORMER.		CONDUIT RUN CONCEALED IN
⊠ ⊩ 30/3	<u>DISCONNECT SWITCH (NON-FUSED):</u> RATING AS INDICATED ON FLOOR PLANS.		CONDUIT RUN BELOW GRADE
	- INDICATES NUMBER OF POLES.	o م	CONDUIT TURN UP.
⊠ ⊓ 30/20/3	DISCONNECT SWITCH (FUSED):	چـــــك	CONDUIT TURN DOWN.
	COORDINATE ACTUAL FUSE SIZE WITH EQUIPMENT MANUFACTURER.]	CONDUIT CAP.
	 INDICATES FUSE SIZE. ASTERISK (*) INDICATES FUSE SIZE PER MANUFACTURER'S REQUIREMENTS. 		
	- INDICATES FRAME SIZE.	POWER	ONF-I INF I F

WIRING DEVICES LEGEND

MAGNETIC MOTOR STARTER.

WALL MOUNTED JUNCTION BOX.

CEILING MOUNTED JUNCTION BOX.

MOTOR RATED DISCONNECT SWITCH.

NOTE:

(J)·

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1. REFER TO "TYPICAL DEVICE MOUNTING HEIGHTS" DETAIL FOR DEVICE MOUNTING HEIGHTS.

- DUPLEX RECEPTACLE, NEMA 5-20R, TYPICAL ALL RECEPTACLE TYPES. ÷
- QUADRUPLEX RECEPTACLE, NEMA 5-20R. _
- SHADING OF RECEPTACLE AS SHOWN INDICATES RECEPTACLE TO BE MOUNTED 6" ABOVE COUNTER HEIGHT UNLESS OTHERWISE NOTED.
- Ð SIMPLEX RECEPTACLE, NEMA 5-20R.
- = SPECIAL PURPOSE RECEPTACLE. 'X-XX' DENOTES NEMA CONFIGURATION AS INDICATED ON DRAWINGS. X-X)
- $\mathbf{\nabla}$ RECESSED DUAL PORT DATA CONNECTION. COORDINATE INSTALLATION WITH TECHNOLOGY PLANS.

RECEPTACLE SUBSCRIPT KEY:



INDICATES DEVICE CHARACTERISTIC. REFER TO SUBSCRIPT LIST BELOW FOR DESCRIPTION. NUMBER INDICATES CIRCUIT NUMBER LETTER DESIGNATES PANEL WHEN PRESENT. REFER TO PANEL SCHEDULES TO COORDINATE.

SUBSCRIPT LIST:

- GFI = GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE (GFCI) MW = DEDICATED MICROWAVE GFCI RECEPTACLE; MOUNTED 72" AFF
- RF = DEDICATED REFRIGERATOR RECEPTACLE WITH GFCI CIRCUIT BREAKER; MOUNTED 24" AFF
- TV = TELEVISION RECEPTACLE. COORDINATE WITH TELECOM DRAWINGS TO COLOCATE FINAL MOUNTING LOCATION WITH AUDIO/VISUAL CONNECTION DEVICE
- EWC = GFCI ELECTRIC WATER COOLER DEDICATED RECEPTACLE; 24" ABOVE FINISHED FLOOR WR = GFCI WEATHER RESISTANT RECEPTACLE WITH 'WEATHERPROOF WHILE-IN-USE' COVER.

<u>GROUNDING, LIGHTNING PROTECTION LEGEND</u>



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SIZE CABLES I.A.W NFPA 780-2020 TABLE A 4.1.1.1 AND TABLES 4.1.1.1.1 OR 4.1.1.1.2, UNLESS 1 SPECIFICATIONS ARE MORE RESTRICTIVE.

- PROVIDE WHERE AVAILABLE LABELED AND LISTED OR APPROVED BY THE AUTHORITY HAVING JURISDICTION ALL FITTINGS, CONNECTORS, DEVICES, CONDUCTORS, AIR TERMINAL, GROUND RODS AND ALL OTHER COMPONANTS APPROVED FOR USE IN LIGHTING PROTECTION SYSTEMS.
- REFER TO SHEET NOTES, DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

<u>CIRCUITRY, RACEWAYS AND FEEDERS LEGEND</u>

	FEEDER HOMERUN TO PANEL PANEL SCHEDULE FOR BREAK
	CONDUIT RUN CONCEALED IN
	CONDUIT RUN BELOW GRADE
0	CONDUIT TURN UP.
ວ	CONDUIT TURN DOWN.
]	CONDUIT CAP.
OWER	ONE-LINE LE

EGEND

₽\$

S

	UTILITY SOURCE.
ž	DISTRIBUTION TRANSFORMER.
E	CURRENT TRANSFORMER.
Δ	DELTA CONFIGURATION.
¥#	WYE CONFIGURATION.
	FUSE.
— ()**AT	<u>CIRCUIT BREAKER:</u> "AT" - INDICATES AMPERE TRIP SETTING "D" - INDICATES INTEGRAL ADD-ON DEVICE WHERE PRESENT "TU" - INDICATES TRIP UNIT TYPE
PD	SURGE PROTECTIVE DEVICE.
%	DISCONNECT SWITCH: RATING AS INDICATED ON ONE-LINE DIAGRAM. DISCONNECT IS FUSED WHERE SHOWN WITH INTERNAL FUSING.
\sim	VARIABLE FREQUENCY DRIVE.
M	MOTOR CONNECTION.
	EQUIPMENT ENCLOSURE AS INDICATED ON ONE LINE DIAGRAM. EQUIPMENT SIZE AND SHAPE MAY VARY.
-	NODE/LUG CONNECTION.
Ŧ	EARTH GROUND.
	BUS/ FEEDER.
	CONTROL WIRING.
D	INTERCEPTION POINT.
\$	CONTINUATION.

LIGHTING EQUIPMENT LEGEND

	LUMI	NAIRE SUBSCRIPT DESIGN
	UPF LET LUN	PER CASE TER INDICATES IINAIRE TYPE.
	LOV IND COF LET SYN	VER CASE LETTER ICATES SWITCH CONTROL / RRESPONDS TO LOWER CA TER ADJACENT TO SWITCH IBOL.
	EMER	NOTE: REFER TO LUMINA INFORMATION AND
		SHADED LUMINAIRES INDI PLANS.
	÷	EMERGENCY LIGHTING BA POWER. MOUNTED AT 9'-0
CEILING MOUNTED	$\overrightarrow{\bullet}$	ILLUMINATED EXIT SIGN PROVIDE STENCILED FAC
	$\overrightarrow{}$	ONE SHADED QUADRANT TWO SHADED QUADRANT



5

SCHEDULE FOR ADDITIONAL INFORMATION.

. HN3, CIRCUITS #1, 3 AND 5 (VIA ONE 3-POLE CIRCUIT BREAKER). REFER TO KER RATING AND CONDUCTOR INFORMATION.

N FINISHED AREAS AND EXPOSED IN UNFINISHED AREAS. SEE GENERAL NOTES.

E OR IN SLAB AS INDICATED.

LIGHTING CONTROL DEVICE LEGEND

SWITCHING DEVICE SUBSCRIPT DESIGNATIONS

LOWER CASE LETTER INDICATES

SIMILAR DESIGNATION ON LUMINAIRE.



SWITCH DEVICE TYPE

SAMPLE SWITCH SYMBOLS

NO SUBSCRIPT INDICATES SWITCH CONTROLS ALL LIGHTING IN SPACE UNLESS NOTED OTHERWISE

NOTES:

1. GANG ALL ADJACENT LIGHTING CONTROL DEVICES OF SIMILAR VOLTAGE TYPE HORIZONTALLY TOGETHER UNDER A SINGLE COVER PLATE. PROVIDE SWITCH(ES) OF VARYING VOLTAGES AT THE SAME LOCATION WITH INDIVIDUAL COVER PLATE(S) AND INSTALLED IN TIGHT ALIGNMENT WITH EACH OTHER.

SWITCHING DEVICE SYMBOLS

- SINGLE POLE LIGHT SWITCH
- SINGLE POLE LIGHT SWITCH, 3-WAY
- SINGLE POLE LIGHT SWITCH, 4-WAY
- SINGLE POLE DIMMER SWITCH
- ON-OFF OCCUPANCY SENSOR
- \$^V ON-OFF VACANCY SENSOR

SENSOR SYMBOLS



LOWER CASE LETTER INDICATES LIGHTING SWITCH LEG CONTROL AND CORRESPONDS TO LOWER CASE LETTER ADJACENT TO LIGHTING FIXTURE.

NOTE:

- 1. ALL OCCUPANCY SENSOR DEVICES SHOWN ON PLAN DEPICT INTENT OF COVERAGE ONLY. PROVIDE OCCUPANCY SENSORS AND ANCILLARY POWER PACKS, DEVICES, AND ASSOCIATED WIRING AS REQUIRED FOR COMPLETE AND FULLY FUNCTIONING SYSTEM AND INSTALL PER MANUFACTURER'S REQUIREMENTS TO MEET MAXIMUM COVERAGE.
- (0S) CEILING MOUNTED OCCUPANCY SENSOR.

3

нес PHOTOCELL CONTROL

E AS INDICATED ON ONE LINE SIZE AND SHAPE MAY VARY.

ATIONS



IRE SCHEDULE FOR LUMINAIRE SPECIFIC PLAN SPECIFIC SYMBOLOGY.

MBOLS

ICATE EMERGENCY EGRESS, AND DISCHARGE LIGHTING. SPECIFIC APPLICATION INDICATED ON

ATTERY UNIT WITH DUAL HEADS. UNIT SHALL PROVIDE 90 MINUTES (MINIMUM) OF EMERGENCY 0" OC, UON.

E(S) AND DIRECTIONAL ARROWS AS REQUIRED AND AS SHOWN ON PLANS.

4

Γ = SINGLE FACE EXIT SIGN = DOUBLE FACE EXIT SIGN

ACTIVATE DIRECTIONAL ARROWS TO MATCH DIRECTIONAL ARROWS SHOWN ON LIGHTING PLANS. REFER TO LUMINAIRE



TELECOM DEVICES LEGEND

VOICE ONLY (TELEPHONE) OUTLET. PROVIDE SINGLE TELEPHONE JACK.

[®]

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Niley Wils

- ∇ DATA (COMPUTER) OUTLET
- COMBINATION VOICE/DATA OUTLET

 ∇ FLUSH FLOOR MOUNTED COMBINATION VOICE/DATA OUTLET

- FLUSH CEILING MOUNTING COMMUNICATIONS OUTLET \bigcirc JUNCTION BOX FOR COMMUNICATIONS FEED
- FLUSH WALL MOUNTED TELECOM JUNCTION BOX FOR C TELECOM FEED TO SYSTEMS FURNITURE WORKSTATIONS. COORDINATE EXACT LOCATION WITH WORKSTATION VENDOR.
- TV CABLE TV OUTLET JUNCTION BOX
 - TELECOM OUTLET SUBSCRIPT KEY:
 - WALL MOUNTED TELEPHONE OUTLET W

ELECTRICAL GENERAL NOTES

- 1. IT IS THE INTENT OF THESE DRAWINGS AND OTHER RELATED DOCUMENTS TO PRODUCE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM. PROVIDE ALL LABOR, MATERIALS, TESTS, AND OTHER SERVICES AS MAY BE NECESSARY TO ACHIEVE THIS PRODUCT. ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY AND DEPICT SYSTEMS CONCEPTS, MAIN COMPONENTS, AND APPROXIMATE GEOMETRICAL RELATIONSHIP OF SYSTEMS COMPONENTS. PROVIDE ALL COMPONENTS AND MATERIALS NECESSARY TO PROVIDE FULLY COMPLETE AND FUNCTIONING SYSTEMS AS INDICATED ON DRAWINGS. PROVIDE INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS BUT NOT SHOWN ON PLANS AND VICE VERSA, AS IF EXPRESSLY REQUIRED ON BOTH.
- 2. SYMBOLS SHOWN IN THE LEGENDS ARE STANDARD SYMBOLS AND ALL MAY NOT NECESSARILY BE APPLICABLE TO THIS PROJECT.
- 3. CIRCUIT NUMBERS ARE FOR IDENTIFICATION PURPOSES ONLY. CORRECTLY SPACE THE CIRCUITS IN THE PANEL AND BALANCE THE LOAD ON THE PHASES UNDER NORMAL OPERATING CONDITIONS.
- CONDUIT HOMERUNS SHOWN ON THE DRAWING WITH MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY. INSTALL NO MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY UNLESS DONE SO STRICTLY IN COMPLIANCE OF THE NATIONAL ELECTRIC CODE.
- REVIEW ENTIRE CONSTRUCTION DOCUMENTS PACKAGE AND COORDINATE WORK OF OTHER TRADES. COORDINATE LOCATIONS OF EQUIPMENT, MOUNTING HEIGHTS, CONNECTION REQUIREMENTS, CONSTRUCTION HEADROOM, FINISHES, CASEWORK, ETC.
- 6. VERIFY WIRE SIZES, CB AND FUSE RATINGS FOR ALL HVAC EQUIPMENT, AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES AFFECTING THE WORK PRIOR TO PROCEEDING.
- 7. COORDINATE SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE EQUIPMENT BEING INSTALLED.
- 8. COORDINATE WITH GENERAL CONTRACTOR FOR PROVISION OF DISCONNECT SWITCHES, STARTERS, VFD'S, AND ACCESSORIES PROVIDED UNDER OTHER DIVISIONS
- 9. ALL WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF ALL RELATED OR AFFECTED SYSTEMS. COORDINATE ALL POWER OUTAGES, FIRE ALARM SHUT DOWNS, ETC. WITH THE OWNER.
- 10. INSTALL ALL EQUIPMENT, DEVICES, AND CONDUIT IN A NEAT AND WORKMANLIKE MANNER PERPENDICULAR AND PARALLEL TO BUILDING STRUCTURE.
- 11. FIRESTOP ALL PENETRATIONS OF FLOOR AND WALLS TO RETAIN ORIGINAL FIRE RATING IN ACCORDANCE WITH IBC, NEC, NFPA AND OTHER STANDARDS ENFORCEABLE BY THE AHJ. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR LOCATIONS OF ALL RATED WALLS, CEILINGS AND FLOORS.
- 12. REFER TO ARCHITECTURAL PLANS FOR ALL WALL ASSEMBLIES. PROVIDE EXTENDER RINGS WHERE NECESSARY FOR FLUSH MOUNTED WIRING DEVICES.

LIGHTING GENERAL NOTES

- 1. SEE LUMINAIRE SCHEDULES, LIGHTING CONTROL DIAGRAMS, AND SEQUENCE OF OPERATIONS FOR MORE INFORMATION.
- 2. UNLESS OTHERWISE NOTED, MOUNTING HEIGHT OF A LUMINAIRE IS TO THE BOTTOM OF THE LUMINAIRE
- VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.
- COORDINATE PLACEMENT OF LUMINAIRES ON AND IN CEILINGS WITH ARCHITECTURAL CEILING PLANS AND ALL OTHER CEILING MOUNTED DEVICES FROM OTHER TRADES.
- COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF LUMINAIRES IN MECHANICAL, ELECTRICAL. TELECOM ROOMS AND OTHER SPACES THAT MAY HAVE CONFLICTS. WITH THE FINAL LOCATIONS OF PIPES, DUCTS, RACKS, AND OTHER EQUIPMENT FOR OPTIMAL ARRANGEMENT. LOCATING LUMINAIRES ABOVE EQUIPEMENT IS NOT PERMITTED. LOCATE LUMINAIRES TO ENSURE CIRCULATION AROUND EQUIPMENT IS PROPERLY ILLUMINATED AND SO THAT LUMINAIRES ARE EASILY ACCESSIBLE FOR MAINTENANCE.
- 6. WHERE LIGHT SWITCHES ARE INDICATED TO BE MOUNTED BEHIND A DOOR, MOUNT SUCH SWITCHES A MINIMUM OF 3'-9" FROM HINGED SIDE.
- 7. SUPPORT LUMINAIRES FROM THE BUILDING STRUCTURE INDEPENDENT OF DUCTS, PIPES, CEILINGS AND THEIR SUPPORT MEMBERS. COORDINATE ALL ELECTRICAL EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, STRUT CHANNELS, EQUIPMENT, HANGERS, OFFSETS, ROUTING, ETC. TO AVOID CONFLICTS.
- 8. INSTALL DRIVERS, LOW-VOLTAGE TRANSFORMERS, LIGHTING SYSTEM CONTROL DEVICES, AND SIMILAR LUMINAIRES ACCESSORIES IN ACCESSIBLE LOCATION. PROVIDE ACCESS PANELS AS REQUIRED.
- PROVIDE ALL ACCESSORIES INCLUDING LED ARRAYS, DRIVERS, TRANSFORMERS, SUPPORTS, AND CIRCUITRY AS NECESSARY FOR A COMPLETE AND OPERATIONAL LIGHTING SYSTEM PER PROJECT REQUIREMENTS.
- 10. PROVIDE A SEPARATE NEUTRAL FOR EACH SINGLE PHASE LIGHTING CIRCUIT. SHARED NEUTRALS ARE NOT PERMITTED.
- 11. PROVIDE PLENUM RATED LIGHTING CONTROL CABLES FOR LIGHTING CONTROL DEVICES LOCATED ABOVE CEILINGS NOT ROUTED IN CONDUIT.
- 12. ENSURE DIMMING DRIVER COMPATIBILITY WITH ASSOCIATED DIMMING CONTROL DEVICES AND ANY BUILDING LIGHTING CONTROL SYSTEM.
- 13. PROVIDE CONTROLLED EGRESS LIFE SAFETY LIGHTING WITH A UL924 LISTED BY-PASS RELAY DEVICE TO TRANSFER LIFE-SAFETY LIGHTING FROM CONTROLLED NORMAL POWER TO LIFE SAFETY POWER OR A UL924 LISTED SHUNT DEVICE TO TRANSITION CONTROLLED LIFE SAFETY LIGHTING TO FULL OUTPUT.
- 14. CONNECT EXIT SIGNS AND EMERGENCY LIGHTING UNITS AHEAD OF LOCAL SWITCHING.

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15. PROVIDE LUMINAIRES THAT COMPLY WITH BUY AMERICAN ACT (BAA). PROVIDE CERTIFICATE OF COMPLIANCE WITH BUY AMERICAN ACT FOR EACH LIGHT FIXTURE TYPE AND INCLUDE IN THE LIGHTING SUBMITTAL REVIEW PACKAGE FOR GOVERNMENT APPROVAL.

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- FITTINGS.
- 14. CONCEAL ALL CONDUCTORS, RACEWAYS AND CABLES IN CEILING OR WALL UNLESS OTHERWISE NOTED.
- 15. PROVIDE AN UPDATED PRINTED PANEL DIRECTORY IN EACH PANEL AFTER COMPLETION OF WORK. VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.
- 16. FOR FLUSH MOUNTED PANELBOARDS PROVIDE ONE SPARE CONDUIT, 3/4" (19MM), FOR EVERY THREE SPARE CIRCUITS BREAKERS. PROVIDE THE SPARE CONDUITS EXTENDING ABOVE THE CEILING AND DOWN BELOW RAISED FLOORS WHEN APPLICABLE
- 17. USE CHANNEL SUPPORTS TO MOUNT ELECTRICAL EQUIPMENT SUCH AS CABINETS, PANELBOARDS, CONTROL ENCLOSURES, STARTERS, DISCONNECT SWITCHES, TRANSFORMERS, ETC. ON CONCRETE, MASONRY WALLS OR FIRE-RATED WALLS (1 HOUR OR HIGHER).
- 18. PROVIDE ALL STUBBED UP CONDUIT WITH BUSHINGS TO PROTECT CABLE.
- ROUTE CONTROL WIRING IN SEPARATE CONDUITS FROM POWER WIRING.
- 20. INSTALL CONDUCTORS CONTINUOUS BETWEEN DEVICES. WITH SPLICES LOCATED ONLY IN JUNCTION BOXES OR IN CABINETS. CONDUCTORS SHALL BE OF SUFFICIENT LENGTH TO REACH THE FARTHEST TERMINAL IN PANELS. PROVIDE A MINIMUM OF 6" LOOPS WHERE CONNECTIONS OR TAPS ARE TO BE MADE IN BRANCH CIRCUIT WIRING.
- 21. PROVIDE ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FT. WITH A NYLON PULL WIRE OR FISH TAPE/CORD.
- 22. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 23. COMPLY WITH BUY AMERICAN ACT REQUIREMENTS FOR ALL MATERIAL AND EQUIPMENT
- 24. REDUCE DEPENDENCY ON THE NETWORK. AVOID DEPENDENCE ON THE NETWORK FOR THE EXECUTION OF SYSTEM CONTROL. WHERE DEPENDENCE ON A NETWORK COMMAND IS UNAVOIDABLE, ISOLATE THAT PORTION OF THE NETWORK SO THAT OTHER NETWORK OUTAGES DO NOT AFFECT THE LOCAL NETWORK. WHERE A USER INTERFACE IS REQUIRED FOR THE FUNCTIONING OF A SYSTEM CONTROL, PHYSICALLY CO-LOCATED THE LOCAL INTERFACE OR A DEDICATED FRONT END WITH THE EQUIPMENT.
- 25. VERIFY ELECTRICAL REQUIREMENTS OF OWNER PROVIDED EQUIPMENT WITH OWNER PRIOR TO INSTALLATION OF WORK.

LIGHTNING PROTECTION GENERAL NOTES

- 1. THIS CONTRACTOR SHALL OBTAIN THE SERVICES OF A QUALIFIED LIGHTNING PROTECTION CONTRACTOR TO PERFORM THE WORK AS DESCRIBED. THE LIGHTNING PROTECTION CONTRACTOR SHALL GIVE EVIDENCE OF HAVING A MINIMUM OF FIVE YEARS EXPERIENCE.
- 2. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH U.L. 96A, NFPA 78 AND ANSI CODE REQUIREMENTS. UPON COMPLETION OF THE INSTALLATION, A U.L. MASTER LABEL SHALL BE ISSUED TO THE OWNER BY THE INSTALLING CONTRACTOR.
- 3. CONDUCTORS SHALL MAINTAIN A HORIZONTAL OR DOWNWARD COURSE, FREE FROM "U" OR "V" (SOWN AND UP) POCKETS.
- 4. NO BEND OF A CONDUCTOR SHALL FORM AN ANGLE OF LESS THAN 90 DEGREES AND SHALL HAVE A MAXIMUM BEND RADIUS OF 8 INCHES.
- 5. ALL ADHESIVE AIR TERMINAL BASES AND FITTINGS SHALL BE SECURED TO ROOF WITH AN ADHESIVE COMPOUND OR PITCH WHICH COMPLIES WITH ROOFING BOND REQUIREMENTS. ADHESIVE COMPOUND SHALL BE FURNISHED BY ROOFING CONTRACTOR.
- 6. THE DRAWINGS INDICATE THE EXTENT AND GENERAL ARRANGEMENT OF THE LIGHTNING PROTECTION SYSTEM SHOWING THE LOCATION OF THE GROUNDS AND CABLE COURSING.
- 7. LIGHTNING PROTECTION SYSTEM DESIGN IS NOTIONAL AND THE ACTUAL JOBSITE CONDITIONS MAY REQUIRE ALTERATIONS IN AIR TERMINAL AND GROUND ROD QUANTITIES AND LOCATIONS, BUT SHALL BE INSTALLED TO MAINTAIN UL MASTER LABEL REQUIREMENTS.
- 8. BARE COPPER MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM SURFACE AND ALUMINUM MATERIALS SHALL NOT BE INSTALLED ON COPPER SURFACE.
- 9. THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT, WORKMANLIKE AND INCONSPICUOUS MANNER SO THAT ALL COMPONENTS WILL BLEND IN WITH THE BUILDING AESTHETICS.
- 10. UTILIZE BUILDING STRUCTURE COLUMNS AS DOWNLEADS. ENSURE ALL BUILDING STRUCTURE COLUMN AND BEAMS ARE ELECTRICALLY BONDED. NO EXPOSED DOWNLEAD CONDUCTORS ARE ALLOWED.
- 11. METALLIC EQUIPMENT, INCLUDING BUT NOT LIMITED TO, HVAC EQUIPMENT, VENTILATION COVERS, ROOF, PARAPET LOCATED WITHIN 6 FEET OF THE LPS SHALL BE BONDED TO THE LPS.

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- 13. PROVIDE ALL RACEWAYS ROUTED ACROSS BUILDING EXPANSION JOINTS WITH EXPANSION
- 26. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLAN AND EXACT LOCATION AND QUANTITIES OF LUMINAIRES. ELECTRICAL LIGHTING PLANS ARE NOT INTENDED TO BE UTILIZED FOR LUMINAIRE LOCATIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION.
- 27. SUPPORT LUMINAIRES INSTALLED IN SUSPENDED CEILINGS DIRECTLY FROM THE STRUCTURE. LABEL ALL ELECTRICAL J-BOXES WITH: PANEL NAME, CIRCUIT NUMBER, VOLTAGE, AND (IF APPLICABLE) EQUIPMENT SERVED.
- 28. ORIENT RECEPTACLES AS FOLLOWS: a. MOUNTED VERTICALLY, GROUND CONDUCTOR IS ON TOP. b. MOUNTED HORRIZONTALLY, GROUNDED CONDUCTOR (NEUTRAL) IS ON TOP.
- 29. LABEL ALL CURRENT CARRYING CONDUCTORS, WHERE SPLICED OR TERMINATED AT A DEVICE, WITH THE CIRCUIT NUMBER A MINIMUM OF 3 INCHES BEFORE END OF WIRE.
- 30. PERFORM ALL ELECTRICAL WORK IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF NFPA 70 NATIONAL ELECTRICAL CODE (NEC), LOCAL CODES, AND THE AUTHORITY HAVING JURISDICTION (AHJ). PROVIDE ALL EQUIPMENT, DEVICES, AND MATERIAL WITH UNDERWRITERS LABORATORIES FOR ITS APPLICATION AS INSTALLED AND THE UL LABEL.
- 31. OBTAIN ALL PERMITS AND PAY SUCH FEES AS MAY BE NECESSARY FOR INSPECTIONS, TESTS, AND OTHER SERVICES WHICH ARE REQUIRED FOR THE COMPLETION OF THE WORK.
- 32. VISIT THE SITE AND EXAMINE CONDITIONS OF THE PREMISES AND THE CHARACTER AND EXTENT OF WORK REQUIRED PRIOR TO SUBMISSION OF BIDS. BRING ANY DIFFICULTIES IN COMPLYING WITH THE DRAWINGS AND SPECIFICATIONS TO THE ATTENTION OF ARCHITECT/ENGINEER BEFORE BIDDING.
- 33. SUBMIT REQUIRED SHOP DRAWINGS FOR ELECTRICAL EQUIPMENT, FIXTURES, DEVICES AND MATERIALS FOR APPROVAL BEFORE DELIVERY TO THE JOB SITE. EQUIPMENT. LUMINAIRES. DEVICES, AND MATERIAL DELIVERED TO THE JOB SITE OR INSTALLED PRIOR TO APPROVAL OF THE SHOP DRAWINGS, AND FOR WHICH THE SHOP DRAWINGS ARE SUBSEQUENTLY REJECTED, REPLACE WITH AN APPROVED ITEM AT NO ADDITIONAL COST TO THE OWNER.
- 34. PROVIDE AS BUILT DRAWINGS AND ALL MANUFACTURER'S DATA AND WARRANTY LITERATURE AT THE COMPLETION OF THE CONTRACT.
- 35. GUARANTEE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.

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36. LABEL DEVICE FINISH PLATES (RECEPTACLES AND SWITCHES) WITH PANEL NAME AND CIRCUIT NUMBER.

ELECTRICAL ABBREVIATIONS

DEREVIATION	
AF	
AFF	ABOVE FINISHE
AFG	ABOVE FINISHE
AT	AIR TERMINAL
AWG	AMERICAN WIRI
BFG	BELOW FINISHE
С	CONDUIT
DB, UNT BAR	
CKI	CIRCUIT
COMM	COMMUNICATIC
DDC	DIRECT DIGITAL
DISC	DISCONNECT S
E, EX	EXISTING
EGB	EQUIPMENT GR
FM	EMERGENCY
FUS	FUSE
G	GROUND
GF, GFCI	GROUND FAULT
GF/CI, (OF/CI)	GOVERNMENT (
	INSTALLED
GF/GI, (OF/OI)	GOVERNMENT (
	(OWNER) INSTA
HP	HORSEPOWER
J, JB	JUNCTION BOX
kAIC	THOUSAND AMF
kV	KILOVOLTS
k\/A	
k/\//	
LED	
LPS	LIGHTNING PRC
Μ	METER
MCB	MAIN CIRCUIT B
MCCB	MOLDED CASE
MGB	MAIN BUILDING
MLO	MAIN LUGS ONL
MS	MAGNETIC STAL
MTD	
	MOTOR
	MUTUR
N	NEUTRAL
N.C.	NORMALLY CLO
N.O.	NORMALLY OPE
NEC	NATIONAL ELEC
NETA	NATIONAL ELEC
NF	NON-FUSED
NIC	NOT IN CONTRA
0.0	ON CENTER
05	
D	
F DO	
PC	PHUIUELEUIRI
PH	PHASE
PNL	PANELBOARD
PVC	POLYVINYL CHL
PWR	POWER
RCPT	RECEPTACLE
S	SURFACE WALL
SC	SHORT CIRCUIT
SCC	SHORT CIRCUIT
SPD	TRANSIENT VOI
ST	
S/W	
SW CVM	
IR	COMMUNICATIO
TYP	TYPICAL
U.N.O.	UNLESS NOTED
UPS	UNINTERRUPTIE
V	VOLTS
VFD	VARIABLE FREC
W	WIRF OR WATT
\\/P	
XMI K	
Y	WYE CONNECT
YDCT	WYE DELTA CLO

DEFINITION E OR AMPERE FUSE ED FLOOR ED GRADE RE GUAGE ED GRADE SION KER ONS **CONTROLS** SWITCH ROUND BUSBAR NON-REVERSING CIRCUIT INTERRUPTER (OWNER) FURNISHED/CONTRACTOR (OWNER) FURNISHED/GOVERNMENT ALLED IPERES INTERRUPTING CAPACITY ERES **ETWORK** G DIODE OTECTION SYSTEM BREAKER **CIRCUIT BREAKER** GROUND BUSBAR RTER DSED CTRICAL CODE CTRICAL TESTING ASSOCIATION ACT ENSOR RIC CELL ILORIDE MOUNTED CURRENT LTAGE SURGE PROTECTIVE DEVICE RCUIT BREAKER **GROUND BUSBAR** ONS ROOM OTHERWISE **IBLE POWER SUPPLY** QUENCY DRIVE OF IN USE OSED TRANSITION





1:29:50 PM avlek E\Revit-





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Javiek E\Revit-locals\z30162_R21_E_CEN_egaviek.

PLAN NORTH

B6



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FIRST FLOOR - POWER PLAN SCALE: 1/4" = 1'-0"

6

6



3

3

2

2

4

4





1:30:03 PM 4 /LO

Ъ



РМ :05 1:30 4 B2 SCALE: NONE

ROOF

STRUCTURE

3/4" EMT CONCEALED IN WALL (BY

OPTION: CONDUIT PREP FOR REQUEST TO EXIT SENSOR

2

DIVISION 16)





1:30:06 PM 4

	5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number; PEF003408 Expiration: 06/30/2024
	FISH & WIDTHE
	ERIC A. GAVLEK Lic. No. 60662 05/02/2024
	FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE BON SECOUR VISITORS CENTER & ADMINISTRATION 12295 STRONG RD. GULF SHORES, AL 36542
	COMM NO: 230182
	DATE: 05/02/2024 DRAWN: EAG DESIGN: EAG CHECK: JWG
	LIGHTNING PROTECTION & GROUNDING PLAN
' 2' - 0" 4' - 0" 8' - 0" SCALE: 0' - 0 1/4" = 1' - 0"	sht. no. Rev. no. E-105

0' 2'-0" 4'-0"



024 1:30:09 PM MGavlek E\Revit-locals\230182_R21_E_CEN_edavlek n



РМ $\overline{}$ 1:30:1 4

EDITIE (BASIS OF DESIGNI)	
LAMP LUMEN VOLTAG INPUT S E POWER CRI CCT COMMENTS	
89 lm	
LED 3369 lm 120 V 27 VA 80 4000K	
LED 3369 lm 120 V 27 VA 80 4000K BATTERY BACKUP	
LED 4117 lm 120 V 31 VA 80 4000K	
EED 3248 lm 120 V 42 VA	
LED 1800 lm 120 V 23 VA 80 4000K	
LED 1800 lm 120 V 23 VA 80 4000K	
LED 982 Im 120 V 9 VA AMBER "TURTLE SAFE" REQUIREMENT	
LED 120 V 3 VA 90 MINUTE RUNTIME	
LED 120 V 3 VA 90 MINUTE RUNTIME; WET LOCATION & VAND	EL RESISTANT
LED 839 lm 120 V 7 VA 80 4000K	
LED 120 V 35 VA 4000K	
LED 3199 lm 120 V 35 VA 80	
LED 120 V 15 VA 3000K	
LED 440 lm 120 V 8 VA 80	
LED 120 V 1 VA WALL MTD; BATTERY BACKUP	
LED 120 V 1 VA CEILING MTD; BATTERY BACKUF)

DETAIL - RESTROOM/CORRIDOR/OFFICE SWITCH SEQUENCE

3

D2



1

SCALE: NONE

	5901 Peachtree Dunwoody Road, Building C Suit Atlanta, GA 30328 678.320 wilevwilson com 1100%, Employee-O	Certificate of Authorization Number: PEF003408 Expiration: 06/30
FISH & WILDLIFE SERVICE		
ERIC A. Lic. No 05/02	HOLLANDE GAVLEK 60662 /2024	
FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITORS CENTER & ADMINISTRATION	12295 STRONG RD., GULF SHORES, AL 36542
		REVISION DESCRIPTION
COMM NO: DATE: 0: DRAWN: EAG CHECK: SHEET TITLE	230182 5/02/2024 DESIGN: EA JW	ତି ରି MRK DATE
LIGHTING SHT. NO. E-601	DIAGRAMS REV. NO).



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NOTE	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CIRCUIT DESCRIPTION	MP : EXTERI : SERVIC : SURFA : TYPE 3	OR xx E EN CE R # P	X TRANCE NEU	V PH V TRAL R/ A.I.C. R/	VOLTS: HASES: WIRES: ATING: ATING:	120/240 1 3 100% 22000) 3	Wire Siz	MAINS MAINS F	S TYPE RATING	: MLO : 400 A	CUIT DESCRIPTION	СКТ			Wiley Wilson Constant Progress	5901 Peachtree Dunwoody Road, Building C Suite 51 Atlanta, GA 30328 678.320.188	wileywilson.com 100% Employee-Owner wileywilson.com 100% Employee-Owner thorization Number: PEF003408 Expiration: 06/30/202
1 3	RP	150 A	2	2-#3/0, 1-#3/0, 1-#6	14.03	6.15	14.32	6.15	2-#4, 1-#	8 2	70 A	DWH-1	- 112	2 4					te of Aut
5 7	-ERV-1 - 112	15 A	2	2-#12, 1-#12	1.43	1.5	1.43	1.5	2-#12, 1-#	12 2	20 A	UH-1 -	112	6 8					ertificat
9 11	-CU-01 - EXT	40 A	2	2-#8, 1-#10	3.57	2.85	3.57	2.85	2-#10, 1-#	10 2	30 A	FCU-0 ²	- 101	10 12	-				Ö
13 15	CU-02 - EXT	40 A	2	2-#8, 1-#10	3.57	2.85	3.57	2.85	2-#10, 1-#	10 2	30 A	FCU-02	2 - 106 S	14					
17	CU-03 - EXT	40 A	2	2-#8, 1-#10	3.57	1.74	3.57	1.74	2-#12, 1-#	12 2	20 A	FCU-03	3 - 103	18 20					
21	SEWAGE GRINDER STATIO	N 15 A	2	2-#12, 1-#12	0.37	1.73	0.37	1.73	2-#12, 1-#	12 2	20 A	FCU-04	- 106 W	22				21-	
25 27 20	(E) POLE BUILDING CKT	20 A 20 A	1 1 1	1-#12, 1-#12, 1-#12 	0.1	1.73	0	1.73	2-#12, 1-#	12 2	20 A	FCU-05	5 - 105	26		E	2		
29 31 33	SPARE	40 A	2		0	1.74	0	1.74	2-#12, 1-#	12 2	20 A	FCU-07	7 - 107	32		U.S. WILD RVICI			OF THE
35	SPARE	30 A	2		0	1.73	0	1.73	2-#12, 1-#	12 2	20 A	FCU-08	3 - 106 N	36		SEI &	2		
39 41	SPARE	20 A	2		0		0	1.73	2-#12, 1-#	12 2	20 A	FCU-14	I - 114	40			•	DUPAT	
	TOTAL TOTAL	LOAD (I AMPS (I	(VA): (VA):		50 50).3 9.5	50 421).5 1.1											
LOAD Equi	D CLASSIFICATION PMENT - NON-CONTINUOUS			CONNECTED LOAD 73038 VA	DEMA	AND FA 75.00%	CTOR	EST 54	IMATED 1779 VA			PANEL	TOTALS						
LIGH ⁻ DRYE	TING ER - NEC 220.54			1689 VA 5000 VA		100.00% 100.00%	6 6	1 5	689 VA 000 VA	TOTAL TOTAL I	. CONN. EST. DE	LOAD:	101 kVA 79 kVA		-				
RANC Gene	GE 3.5 - 8.75 kW - NEC 220.55 ral - Use Receptacle			8000 VA 13155 VA		80.00% 88.01%)	6 [,] 11	400 VA 1578 VA	TOTAL COI TOTAL E	NN. CUI ST. CUI	RRENT: RRENT:	420 A 331 A			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ALTH O		
																PRO OS	C A. GA No. 600 5/02/20	VLEK 2 662 024 00 ENCINA	******
NOTE	LOCATION SUPPLY FROM MOUNTING ENCLOSURE	RP : CORRIE : MP : RECES : TYPE 1	DOR 1 SED	06 NEU	V PH V TRAL R/ A.I.C. R/	VOLTS: IASES: WIRES: ATING: ATING:	120/240 1 3 100% 22000)		MAINS MAINS F	S TYPE RATING	: MLO : 225 A				ISH & WILDLIFE SERVICES BON SECOUR NATIONAL		ENTER & ADMINISTRATION	12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION	RP : CORRIE : MP : RECES : TYPE 1	DOR 1 SED H GR	06 NEU OUND FAULT PROTE	V PH V TRAL R/ A.I.C. R/	VOLTS: IASES: WIRES: ATING: ATING:	120/240 1 3 100% 22000		Wire Siz	MAINS MAINS F	S TYPE RATING	: MLO : 225 A		СКТ		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC <u>CKT</u> 1 3	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT PED WIT 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ CTION CTION A (K 0.08	VOLTS: HASES: WIRES: ATING: ATING: (VA) 0.36	120/240 1 3 100% 22000 B (K 0.18	(VA)	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12	MAINS MAINS F 1-#12 1 1-#12 1	S TYPE RATING	: MLO : 225 A : 225 A RCPT - RCPT -	CUIT DESCRIPTION	CKT N 2 S 4		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT 1 3 5 7	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105	RP : CORRIE : MP : RECES : TYPE 1 PED WIT PED WIT 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ CTION CTION A (K 0.08 0.43	VOLTS: HASES: WIRES: ATING: ATING: (VA) 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4	(VA) 0.36 0.72	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12,	MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1	S TYPE ATING 20 A 20 A 20 A 20 A	: MLO : 225 A : 225 A RCPT - RCPT - RCPT -	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 105 WORKSTATION	CKT N 2 S 4 6 8		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT 1 3 5 7 9 11	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT BREAKER EQUIP CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108	RP : CORRIE : MP : RECES : TYPE 1 PED WIT PED WIT 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.08 0.43 0.26	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34	(VA) 0.36 0.72 0.36	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12,	MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1	S TYPE ATING 20 A 20 A 20 A 20 A 20 A 20 A	: MLO : 225 A : 225 A	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION	CKT N 2 S 4 6 8 10 12		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	1 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT 1 3 5 7 9 11 13 15 47	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 2	06 NEU OUND FAULT PROTE <u>Vire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.08 0.43 0.26 0	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 2.5	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4	(VA) 0.36 0.72 0.36 2.5	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 2-#10, 1-#10, 1 #10, 1 #10,	MAINS MAINS MAINS MAINS MAINS 1.#12 1.#10 2 1.#410 2	TRIP 20 A	: MLO : 225 A : 225 A	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 105 WORKSTATION 111 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 WORKSTATION	CKT N 2 S 4 6 8 10 12 14 16 10 12		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	IPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC 1 3 5 7 9 11 13 15 17 19 21	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 DEEDICEDATOR 102	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 2 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.08 0.43 0.26 0 4	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 0.34 4 4 1.2	(VA) 0.36 0.72 0.36 2.5 0.51	Wire Siz 1-#12, 1-#12	MAINS MAINS MAINS MAINS MAINS MAINS 1-#12	S TYPE ATING 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	CIRO 225 A 225 A 255 A 2	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 111 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UORKSTATION 114 UORKSTATION	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 22		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC 1 3 5 7 9 11 13 15 17 19 21 23 25	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 103 COUNTER SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.08 0.43 0.26 0 4 0.5 0	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 1.2 0.36	VA) 0.36 0.72 0.36 2.5 0.51 0.9	Wire Siz 1-#12,	MAINS MAINS MAINS MAINS MAINS MAINS 1-#12	S TYPE ATING 20 A 20 A	: MLO : 225 A : 225 A	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UORKSTATION 114 UORKSTATION	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 26		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	SION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 15 17 19 21 23 25 27 29	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SOFFIT LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102 TV	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12, 1-#12 1-#10, 1-#10, 1-#10	V PH V TRAL R/ A.I.C. R/ CTION CTION 0.43 0.26 0 4 0.5 0 4 0.5 0 1 44	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.36 0.36 0.36	VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38	Wire Siz 1-#12, 1	MAINS MAINS MAINS MAINS MAINS 1-#12	S TYPE ATING 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	: MLO : 225 A : 225 A	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 108 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UNORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UNORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UNORKSTATION 114 UNOR	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 30		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1.#12, 1.#12, 1.#12 1.#12, 1.#12, 1.#12	V PH V TRAL R/ A.I.C. R/ O.08 0.43 0.26 0 4 0.26 0 4 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 1.2 0.36 0.36 0.36 0.36	VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12,	MAINS MAINS MAINS MAINS MAINS 1.#12	TRIP 20 A	: MLO : 225 A : 225 A : 225 A : 225 A : CPT - RCPT	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 105 WORKSTATION 111 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UNRKSTATION 114 UNRKSTATION 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 34		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 3 5 27 29 31 33 35 37	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 103 COUNTER SPARE RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1.#12, 1.#12, 1.#12 1.#12, 1.#12 1.#12, 1.#12 1.#12, 1.#12 1.#12, 1.#12 1.#12, 1.#12 1.#12 1.#12, 1.#12 1.#1	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.08 0.43 0.26 0 4 0.5 0 4 0.5 0 1.44 0.5 0 0	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 0.4 0.34 4 1.2 0.36 0.36 0.36 0.36 0.36	(VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.54	Wire Siz 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12, 1-#12,	MAINS MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1 1 1 1 1 1 1 1 1 1	TRIP 20 A	CIRO RCPT - RCPT	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 WORKSTATION 2 - 112 (GFCI) ER - 112 112, EXT 107 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 38		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 15 17 19 21 25 27 29 31 33 25 27 29 31 33 35 37 39	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE SPARE SPARE SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20	DOR 1 SED H GR # P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE NEU OUND FAULT PROTE 1-#12, 1-#12, 1-#12 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ CTION CTION 0.43 0.26 0 4 0.43 0.26 0 1.44 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 0.34 4 1.2 0.36 0.36 0.36 0.36 0.36 0.36 0.36	VA) 0.36 0.72 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.54 0.54 0.54 0.54	Wire Siz 1-#12, 1-#	mains mains <thmmains< th=""> <thmmains< th=""></thmmains<></thmmains<>	TRIP 20 A	: MLO : 225 A : 225 A	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 2 - 112 (GFCI) ER - 112 1 - 112 112, EXT 107 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER	CKT N 2 S 4 0 12 14 16 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 3 5 7 9 11 13 3 5 7 29 31 33 25 27 29 31 33 35 37 39	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE SPARE SPARE SPARE SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT PED WIT 20 A 20	DOR 1 SED H GR <u># P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12 1-#12, 1-#12 1-#1	V PH V TRAL R/ A.I.C. R/ CTION CTION CTION 0.43 0.26 0 4 0.43 0.26 0 4 0.43 0.26 0 1.44 0.5 0 1.44 0.5 0 1.44	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 1.2 0.36 0.34 4 1.2 0.36 0.36 0.36 0.72 0 0 14 0.18	VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.5 0 1.3 9.3 EST	Wire Siz 1-#12, 1-#1	MAINS MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1	TRIP 20 A	EIRO RCPT - RCPT	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 105 WORKSTATION 1105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 2 - 112 (GFCI) ER - 112 1	CKT N 2 S 4 0 12 14 16 12 14 16 18 20 22 24 26 22 24 26 28 30 32 34 36 38 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	TE REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 3 5 7 9 11 13 3 5 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 1 3 3 5 7 7 9 11 1 3 3 5 7 7 9 11 1 3 3 5 7 7 9 11 1 3 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 7 7 9 11 1 1 3 3 5 5 7 7 9 11 1 1 3 3 3 5 5 7 7 9 11 1 1 3 3 5 5 7 7 9 11 1 1 3 3 3 5 5 7 7 9 11 1 3 3 3 5 5 7 7 9 11 1 3 3 3 3 5 5 7 7 9 11 1 3 3 3 5 5 7 7 9 11 1 3 3 3 5 5 7 7 9 9 11 1 3 3 3 5 5 7 7 9 9 11 1 3 3 3 5 5 7 7 9 1 1 3 3 3 5 5 7 7 9 1 1 3 3 3 5 5 7 7 9 9 1 1 3 5 5 7 7 9 1 1 3 3 5 5 7 7 9 1 3 1 3 3 5 5 7 7 9 1 3 3 3 5 3 7 3 1 3 3 5 5 3 7 7 3 9 1 3 1 3 3 5 3 3 1 3 3 5 3 7 3 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101, 102, 113 LTG - 103, 104, 105 LTG - 103, 104, 105 LTG - 109, 111, 112, 114 LTG - 106, 107, 108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102, 103, 106 S RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A	DOR 1 SED H GR <u># P</u> 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12 1-#12, 1-#12 1-#1	V PH V TRAL R/ A.I.C. R/ CTION CTION 0.08 0.43 0.26 0 4 0.5 0 4 0.5 0 1.44 0.5 0 1.44 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 1.2 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	CVA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.54 0.5 0 1 0 1 0 1 0 1 0	Wire Siz 1-#12, 1	MAINS MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1	TRIP 20 A	CIRO RCPT - RCPT	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 108 WORKSTATION 108 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 114 WORKSTATION 114 UORKSTATION 112 (GFCI) ER - 112 112, EXT 107 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER 28 KVA	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	DATE REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 35 27 29 31 33 25 27 29 31 33 35 37 39 LOAL EQUI LIGH DRYE RANC	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SOFFIT LTG - 101,102,113 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A	DOR 1 SED H GR # P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12 1-#12, 1-#12 1-#1	V PH V TRAL R/ A.I.C. R/ O.08 0.43 0.26 0 4 0.43 0.26 0 4 0.5 0 1.44 0.5 0 1.44 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 0.34 4 1.2 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	VA) 0.36 0.72 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.55 0.5	Wire Siz 1-#12, 1	MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1	TRIP 20 A	 MLO 225 A 225 A 225 A RCPT - RCPT -	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 WORKSTATION 115 WORKSTATION 114 WORKSTATION 115 WORKSTATION 114 WORKSTATION 115 WORKSTATION 117 UOF 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER 28 kVA 28 kVA 28 kVA 28 kVA 118 A	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL		CENTER & ADMINISTRATION	MRK DATE REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 35 7 9 11 13 35 25 27 29 31 33 25 27 29 31 33 35 37 39 30 LOAE EQUI LIGH DRYE RANC Gene	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SOFFIT LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 109,111,112,114 LTG - 106,107,108 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE SP	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	DOR 1 SED H GR # P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE Vire Size 1-#12, 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12 1-#12, 1-#12	V PH V TRAL R/ A.I.C. R/ O.08 0.43 0.26 0 4 0.43 0.26 0 1.44 0.5 0 1.44 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 0.34 4 1.2 0.36 0.36 0.36 0.36 0.72 0 0 14 1.2 0.36 0.36 0.72 0 14 1.5 0 0 14	VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.54 0.5 0 10 50 64 11	Wire Siz 1-#12,	MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1 1-#12 1	S TYPE ATING ATING ATING A A A A A A A A A A A A A	E MLO 225 A 225 A 22	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 110 WORKSTATION 111 WORKSTATION 114 WORKSTATION 115 WORKSTATION 114 WORKSTATION 115 WORKSTATION 114 WORKSTATION 115 WORKSTATION 114 WORKSTATION 115 HI2 112 (GFCI) R - 112 112, EXT 107 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER 28 kVA	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL BON SECOUR NATIONAL		CENTER & ADMINISTRATION	MRK DATE REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542
NOTE *(GFC *(GFC CKT 1 3 5 7 9 11 13 5 7 9 11 13 5 7 9 11 13 3 5 7 9 11 13 3 5 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 11 13 3 5 7 7 9 9 11 13 3 5 7 7 9 9 11 13 3 5 7 7 9 9 11 13 15 7 7 9 9 11 13 3 5 7 7 9 9 11 13 15 7 7 9 9 11 13 15 7 7 9 9 11 13 3 5 5 7 7 9 9 11 13 3 5 5 7 7 9 9 11 13 3 5 5 7 7 9 9 11 13 3 5 5 7 7 9 9 11 13 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 11 1 3 3 5 5 7 7 9 9 1 1 3 3 1 5 5 7 7 9 9 1 1 3 3 5 5 7 7 9 9 1 1 3 3 5 5 7 7 9 9 1 1 3 5 7 7 9 9 1 1 3 1 3 3 5 5 7 7 9 9 1 1 3 1 3 3 5 5 7 7 9 9 1 1 1 3 1 5 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LOCATION SUPPLY FROM MOUNTING ENCLOSURE ES: CI) CIRCUIT BREAKER EQUIP CIRCUIT DESCRIPTION LTG - EXT SOFFIT LTG - EXT SIGNAGE LTG - 101,102,113 LTG - 103,104,105 LTG - 103,104,105 LTG - 103,104,105 LTG - 103,104,105 LTG - 103,104,105 RCPT - 103,104,105 RCPT - 103,104,105 SPARE RANGE - 103 MICROWAVE - 103 REFRIGERATOR - 103 REFRIGERATOR - 103 RCPT - 102 TV RCPT - 102 TV RCPT - 102 TV RCPT - 102, 103, 106 S RCPT - 101, EXT TELECOM - 107 SPARE	RP : CORRIE : MP : RECES : TYPE 1 PED WIT 20 A 20 A	DOR 1 SED H GR # P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	06 NEU OUND FAULT PROTE <u>Wire Size</u> 1-#12, 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12, 1-#12 1-#12 1-#12, 1-#12 1-#1	V PH V TRAL R/ A.I.C. R/ CTION CTION A (K 0.08 0.43 0.26 0 4 0.43 0.26 0 1.44 0.5 0 1.44 0.5 0 1.44 0.5 0 1.44 0.5	VOLTS: HASES: WIRES: ATING: ATING: 0.36 0.36 0.36 0.36 0.36 0.36 0.36 0.36	120/240 1 3 100% 22000 B (K 0.18 0.4 0.34 4 1.2 0.36 0.34 4 1.2 0.36 0.36 0.72 0 0 14 1.5 0 0 14 115	VA) 0.36 0.72 0.36 2.5 0.51 0.9 0.38 0.54 0.54 0.5 0 10 50 64 11	Wire Siz 1-#12,	MAINS MAINS MAINS MAINS MAINS 1-#12 1 1-#12 1 1-#12 1 1-#12 1	S TYPE ATING ATING A 20 A 20 A	 MLO 225 A 225 A 225 A 225 A RCPT - RCPT -	CUIT DESCRIPTION 104 WORKSTATION 104 WORKSTATION 104 WORKSTATION 105 WORKSTATION 111 WORKSTATION 114 UORKSTATION 115 EXT 107 111, 114 109, 113, EWC 104, 105, 108 101 WORKSTATION ERS - TOWER ERS - TOWER 28 kVA 25 kVA 118 A 104 A	CKT N 2 S 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL BON SECOUR NATIONAL WILDLIFE SERVICES		CENTER & ADMINISTRATION	E P P P D MRK DATE REVISION DESCRIPTION 12295 STRONG RD., GULF SHORES, AL 36542

MPLOCATION: EXTERIORSUPPLY FROM: SERVICE EMOUNTING: SURFACEENCLOSURE: TYPE 3RNOTES:CKTCIRCUIT DESCRIPTION13RP150 A25ERV-1 - 1129CII-01 - EXT40 A2	XX ITRANCE NEU 2-#3/0, 1-#3/0, 1-#6 2-#12, 1-#12 2-#8 1-#10	VOLTS: 120/2 PHASES: 1 WIRES: 3 TRAL RATING: 100% A.I.C. RATING: 22000 14.03 6.15 14.03 14.32 1.43 1.5 1.43 1.43 3.57 2.85	Participation Participation B Wire Size 2 6.15 2 6.15 3 1.5 2-#12, 1-#1 2-#10, 1-#1	MAINS TYPE MAINS RATING # P TRIP 2 2 70 A 2 2 20 A 0 2 30 A	E: MLO G: 400 A CIRCUIT DESCRIPTION DWH-1 - 112 UH-1 - 112 ECU-01 - 101	CKT 2 4 6 8 10		5901 Peachtree Dunwoody Road, Building C Suite 515 Atlanta, GA 30328 678.320.1888 wileywilson.com 100% Employee-Owned Certificate of Authorization Number: PEF003408 Expiration: 06/30/2024
11 00 01 1 LX1 40 A 2 13 CU-02 - EXT 40 A 2 17 CU-03 - EXT 40 A 2 21 SEWAGE GRINDER STATION 15 A 2 25 EF-1 - 112 20 A 1 27 (E) POLE BUILDING CKT 20 A 1 29 SPARE 20 A 1 31 SPARE 40 A 2 33 SPARE 20 A 1 34 PARE 20 A 2 35 SPARE 30 A 2 39 SPARE 20 A 2 41 SPARE 20 A 2 TOTAL LOAD (KVA TOTAL AMPS (KVA	2-#8, 1-#10 2-#8, 1-#10 2-#8, 1-#10 2-#12, 1-#12 1-#12, 1-#12, 1-#12 	3.57 2.85 3.57 2.85 3.57 3.57 3.57 1.74 3.57 3.57 0.37 1.73 0.37 1.73 0.37 1.73 0.1 1.73 0 1.74 0 0 0 1.74 0 0 0 1.73 0 0 0 1.73 0 0 0 1.73 0 0 0 1.73 0 0 0 1.73 0 0 0 1.73 0 0 0 50.3 3 419.5 4	2.85 2-#10, 1-#1 2.85 2-#10, 1-#1 2.85 2-#12, 1-#1 2.85 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1 1.73 2-#12, 1-#1	0 2 30 Å 2 2 20 Å 1	 FCU-02 - 106 S FCU-03 - 103 FCU-04 - 106 W FCU-05 - 105 FCU-07 - 107 FCU-08 - 106 N FCU-14 - 114 SPACE 	12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42	U.S. FISH & WILDLIFE SERVICE	
EQUIPMENT - NON-CONTINUOUS LIGHTING DRYER - NEC 220.54 RANGE 3.5 - 8.75 kW - NEC 220.55 General - Use Receptacle	73038 VA 1689 VA 5000 VA 8000 VA 13155 VA	75.00% 100.00% 100.00% 80.00% 88.01%	54779 VA 1689 VA 5000 VA 6400 VA 11578 VA	TOTAL CONN TOTAL EST. D TOTAL CONN. CU TOTAL EST. CU	N. LOAD: 101 kVA DEMAND: 79 kVA JRRENT: 420 A JRRENT: 331 A		JOIN EALT	TH OF L
							Lic. No D5/D2	GAVLEK 5 . 60662 ./2024 AL ENGIN
RP Location: corridor Supply from: MP Mounting: Recessed Enclosure: Type 1 Notes: *(GFCI) circuit breaker equipped with g	106 NEU ROUND FAULT PROTE	VOLTS: 120/2 PHASES: 1 WIRES: 3 TRAL RATING: 100% A.I.C. RATING: 22000 CTION	240	MAINS TYPE MAINS RATING	E: MLO G: 225 A		FISH & WILDLIFE SERVICES BON SECOUR NATIONAL WILDLIFE REFUGE	BON SECOUR VISITORS ENTER & ADMINISTRATION 12295 STRONG RD., GULF SHORES, AL 36542

ONE-LINE & PANEL SCHEDULES

REV. NO.

внт. NO. E-701