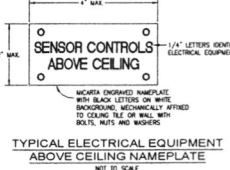
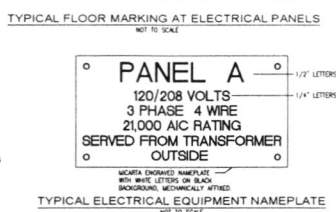
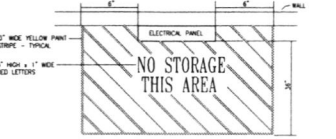


ELECTRICAL LEGEND

- 1-11 QUANTITY TO ABOVE INDICATES NUMBER OF CIRCUIT NO. 1 TO PANEL. A "0" INDICATES FEATURE TYPE MARKS ABOVE RACKWAY RUN INDICATES THE NUMBER OF NO. 12 CONDUCTORS, UNLESS NOTED OTHERWISE NO MARKS INDICATE TWO NO. 12 CONDUCTORS AND NO. 12 GREEN GROUND CONDUCTOR IN 1/2" CONDUIT (#12 @ 1/12" O.D.-1/2")
- CEILING FIXTURE
 - WALL BRACKET LIGHT FIXTURE
 - 2" x 2" LED LIGHT FIXTURE, CEILING MOUNTED
 - 2" x 4" LED LIGHT FIXTURE, CEILING MOUNTED
 - TRIM HEAD EMERGENCY BATTERY UNIT
 - EXIT SIGN, BACK MOUNTED, ARROWS AS NOTED, SHROUD SECTION INDICATES LIGHTED FACE OF EXIT SIGN
 - JUNCTION BOX, MOUNTED FLUSH IN WALL WITH BLANK COVER
 - JUNCTION BOX, MOUNTED FLUSH IN WALL WITH BLANK COVER
 - DUPLEX RECEPTACLE, 125V, 20A, 3 POLE GND, W/ 18" AFF TO C/A, UNLESS NOTED OTHERWISE, NEMA 5-20R, HUBBELL SERIES HBL332
 - QUAD RECEPTACLE, 125V, 20A, 3 POLE GND, W/ 18" AFF TO C/A, NEMA 5-20R, HUBBELL SERIES HBL332
 - DUPLEX RECEPTACLE, 125V, 20A, 3 POLE GND, W/ ABOVE COUNTER 48" MAX TO TOP OF DECK, NEMA 5-20R, HUBBELL SERIES HBL332
 - DUPLEX RECEPTACLE, 125V, 20A, 3 POLE GND, W/ 24" AFF TO C/A, FOR DRINKING FOUNTAIN, NEMA 5-20R, HUBBELL SERIES SP5362
 - DUPLEX RECEPTACLE, 125V, 20A, 3 POLE GND, W/ 18" AFF HORIZONTALLY 24" AFF TO C/A, NEMA 5-20R, HUBBELL SERIES HBL332
 - WALL SWITCH, 120/277V, 30A, 1 POLE, A.C. ONLY, W/ 48" AFF TO C/A, HUBBELL SERIES HBL121
 - WALL SWITCH, 120/277V, 30A, OCCUPANCY SENSOR DUAL TECHNOLOGY MULTI-WAY TYPE, W/ 48" AFF TO C/A
 - DIMMER SWITCH, 120V, SOLID STATE, SIZE AS NOTED, W/ 48" AFF TO C/A
 - OCCUPANCY SENSOR POWER PACK, INSTALL CONCEALED ABOVE CEILING SPACE
 - LOW VOLTAGE OCCUPANCY SENSOR, 380V DUAL-TECHNOLOGY TYPE, CEILING MOUNTED
 - PANEL, 120/208V, W/ 72" AFF TO TOP
 - EXHAUST FAN, FINISHED BY OTHERS
 - MAGNETIC STARTER, FINISHED BY OTHERS
 - FUSED DISCONNECT SWITCH, AMP SIZE AS NOTED; FUSE SIZE PER EQUIPMENT NAMEPLATE DATA
 - RACKWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING
 - RACKWAY INSTALLED EXPOSED
 - RACKWAY INSTALLED CONCEALED IN FLOOR SLAB AND/OR BELOW GRADE
 - LOW VOLTAGE CONDUIT COORDINATE WITH DANCE CONNECTION REQUIREMENTS
 - CONDUIT STUB UP WITH FLEXIBLE CONDUIT CONNECTION TO EQUIPMENT
 - AUTOMATIC SHOCK DETECTOR, CEILING MOUNTED
 - FIRE ALARM SYSTEM MANUAL PULL STATION, W/ 48" AFF TO C/A
 - FIRE ALARM SYSTEM STROBE, W/ 80" AFF TO BOTTOM, "110" INDICATES CANCELA BATING, NO NUMBER INDICATES 75 CANCELA MINIMUM
 - FIRE ALARM SYSTEM AUTOMATIC AIR BUCT SHOCK DETECTOR
 - PHOTOCELL, 10K OHM, 210 (10K)
 - DIGITAL THERMOSTAT WITH RECEIVING POWER, REFER TO LIGHTING CONTROL SCHEDULE FOR TYPE
 - TELECOM OUTLET:
 - (1) PORT VOIP/SD-WAN
 - (2) PORT FOR SOC
 - (3) PORT FOR FIRE ALARM

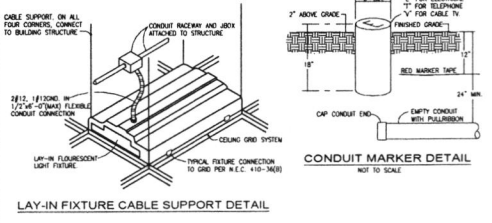
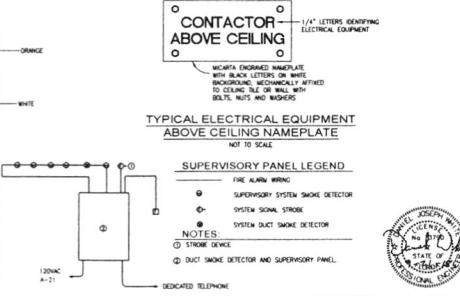
- ### ABBREVIATIONS
- AF - ABOVE FINISHED FLOOR
 - C - CONDUIT
 - C/A - CENTERLINE
 - CC - ELECTRICAL CONTRACTOR
 - ED - ELECTRICAL DESIGN
 - GND - GROUNDING CONDUCTOR
 - GF - GROUND FAULT PROTECTION
 - LD - LIGHTING
 - LTS - LIGHTS
 - RECPT - RECEPTACLE
 - UNL - UNLESS NOTED OTHERWISE
 - WH - WATER HEATER
 - WP - WEATHERPROOF
 - WV - VARIABLE FREQUENCY DRIVE
 - WV - WATER HEATER
 - WV - WEATHERPROOF
 - WV - VARIABLE FREQUENCY DRIVE
 - WV - WATER HEATER
 - WV - WEATHERPROOF
 - WV - VARIABLE FREQUENCY DRIVE
 - WV - WATER HEATER
 - WV - WEATHERPROOF
 - WV - VARIABLE FREQUENCY DRIVE



ELECTRICAL GENERAL NOTES

- A. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION OF EQUIPMENT WHICH IS FURNISHED BY OTHERS AND CONNECTED BY ELECTRICAL.
- B. RECEPTABLES, SWITCHES AND COMPONENTS COLOR SHALL BE SELECTED BY THE ARCHITECT FROM STANDARD COLORS.
- C. VERIFY ALL DOOR SWITCHES WITH ARCHITECTURAL DRAWINGS PRIOR TO REACHING-IN WALL FOR SWITCHES.
- D. LOCATION OF LIGHTING FIXTURES, DISCONNECT SWITCHES ETC FOR MECHANICAL EQUIPMENT/ROOM SHALL BE COORDINATED WITH FINAL MECHANICAL EQUIPMENT LOCATION TO PROVIDE NATIONAL ELECTRIC CODE REQUIRED ACCESS SPACE.
- E. FAN CONNECTION TO ALL MOTORS SHALL BE WITH FLEXIBLE CONDUIT CONNECTION.
- F. ALL EXIST AND EMERGENCY FIXTURES SHALL BE CONNECTED TO LIGHT CIRCUIT NEED OF LOCAL SWITCH.
- G. ALL PANELBOARDS, ENCLOSURES, TERMINAL CABINETS, ETC SHALL HAVE CUSTOM ENGRAVED MICA/METAL NAMEPLATE MECHANICALLY AFFIXED IDENTIFYING SYSTEM.
- H. PROVIDE GREEN GROUND CONDUCTOR IN ALL CIRCUITS - SIZE PER N.E.C.
- I. ALL EXPOSED CONDUITS, BONES, STRAPS AND HANGERS IN THE CONTRACT AREA WHETHER NEW OR EXISTING THAT ARE PART OF THE ELECTRICAL SYSTEM SHALL BE FINISHED TO MATCH ADJACENT FINISH.
- J. PROVIDE CONCRETE WALKER AT END OF ALL CONDUITS STUBBED OUT OF BUILDING FOR FUTURE USE. WALKER SHALL BE 6" DIA x 18" HIGH WITH 2" ABOVE FINISHED GRADE. INCREASE IN TOP OF WALKER 1" FOR ELECTRICAL TV FOR CABLE TV FOR FIRE FIGHTER ALARM AND TV FOR INTERCOM.
- K. GENERAL CONTRACTOR SHALL FIELD-HENRY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY WORK AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. FAILURE TO DO SO INDICATES THAT THE CONTRACTOR ACCEPTS THE CONDITIONS AS THEY EXIST, AND SHALL PERFORM THE WORK REQUIRED AS SHOWN AND SPECIFIED.
- L. THE ELECTRICAL CONTRACTOR SHALL OBTAIN AND REVIEW THE MECHANICAL AND SPECIAL EQUIPMENT SUBMITTALS PRIOR TO SUBMITTING THE ELECTRICAL SUBMITTALS. ANY ELECTRICAL EQUIPMENT, CONDUIT, AND WIRE SIZE CHANGES RESULTING FROM THIS REVIEW SHALL ALSO BE SUBMITTED FOR APPROVAL.
- M. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FAULT CURRENT CALCULATIONS FOR THE SERVICE EQUIPMENT AND SHALL MARK THE EQUIPMENT WITH THE AVAILABLE FAULT CURRENT AND SIZE OF THE CALCULATION PER NEC 110.14. REFER TO TYPICAL SERVICE EQUIPMENT FAULT CURRENT LABEL DETAIL.
- N. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AIC LABELS PER NEMA 110.14.6 FOR NEW EQUIPMENT. THE OWNER SHALL PROVIDE AVAILABLE CALCULATION DATA FOR THE EXISTING EQUIPMENT IN THE ELECTRICAL SYSTEM. REFER TO TYPICAL AND FLAP HAZARD LABEL DETAIL.
- O. COMPLY WITH ALL LOCAL CODES, LAWS, AND ORDINANCES APPLICABLE TO ELECTRICAL WORK, THE STATE BUILDING CODE AND THE NATIONAL ELECTRIC CODE. OBTAIN ALL PERMITS REQUIRED BY LOCAL JURISDICTIONS.
- P. OBTAIN OWNER APPROVAL OF ALL LIGHT FIXTURES, SWITCHES, RECEPTABLES, PANELBOARDS, ETC PRIOR TO PURCHASING.
- Q. THE ELECTRICAL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. ALL NOT TO BE INSTALLED SHALL BE REMOVED AND REWORKED AT NO COST TO THE OWNER.
- R. ALL WORK SHALL BE INSTALLED IN CONCEALED TYPE CONSTRUCTION. UNDERGROUND CONDUITS UP TO FIRST BOX IN CONCEALED CONSTRUCTION MAY BE SOLID PVC. EXTERIOR EXPOSED WORK SHALL BE U.L.C. BRANCH CIRCUIT CONDUIT RUN IN OPEN SPACES ABOVE CEILING OR IN WALLS MAY BE THIN WALL (ET-1) CONDUIT 1/2" DIA. SIZE.
- S. ALL CONDUCTORS LESS THAN 100A SHALL BE COPPER #12 A/B SOLID, #8 AND LARGER STRANDED, #8 AND SMALLER TO BE TYPE THW. 600 VOLT INSULATION AND TYPE THW OR THHN FOR #8 AND LARGER. ALUMINUM CONDUCTORS MAY BE USED FOR 100A AND LARGER ONLY WHEN USED WITH COMPRESSOR TERMINATIONS.
- T. PROVIDE GROUNDING PER NATIONAL ELECTRIC CODE.
- U. THE CONTRACTOR SHALL LEAVE THE ENTIRE ELECTRICAL SYSTEM INSTALLED IN PROPER WORKING ORDER, AND SHALL REPLACE WITHOUT ADDITIONAL COST, ALL WORK OR MATERIAL WHICH MAY BE DAMAGED OR DESTROYED. OBTAIN NEAR AND TIGHT OF DAMAGE RESULTING FROM IMPROPER HANDLING EXCEPTED WITHIN A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.

Sheet List Table	
Sheet Number	Sheet Title
E100	LEGEND, NOTES AND DETAILS
E200	POWER RISER AND PANEL SCHEDULES
E300	POWER AND MISC SYSTEMS PLAN
E400	LIGHTING PLAN
E500	TELECOMM RISER



WARNING

Arc Flash and Shock Risks Appropriate PPE Required

ARC FLASH RISK PROTECTION	MINIMUM PPE
Incident Energy: 1.3 cal/cm ²	4 cal/cm cm FR shirt (long-sleeved) plus FR pants (long), or FR coverall, rainwear as needed
Arc Flash Boundary: 19 in	Hardhat + Safety Glasses or Goggles + Ear Canal Inserts
Shock Protection	Glove Class 00
Shock Risk When Covered in Rainwear: 480 VAC	Leather work shoes
Limited Approach: 42 in	Calculated Fault Current
Restricted Approach: 12 in	Date of Analysis

Bus ID: _____

Prot Device ID: _____

Warning: Changes in equipment settings or system configuration may invalidate the calculated results.

* 1/8" x 6" W/BL LABEL WITH BLACK LETTERING PER ANSI Z39.5 STANDARDS

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MSB1315, COM140232
AL286626

Northwest Florida State College
Indoor Pitching & Hitting Facility

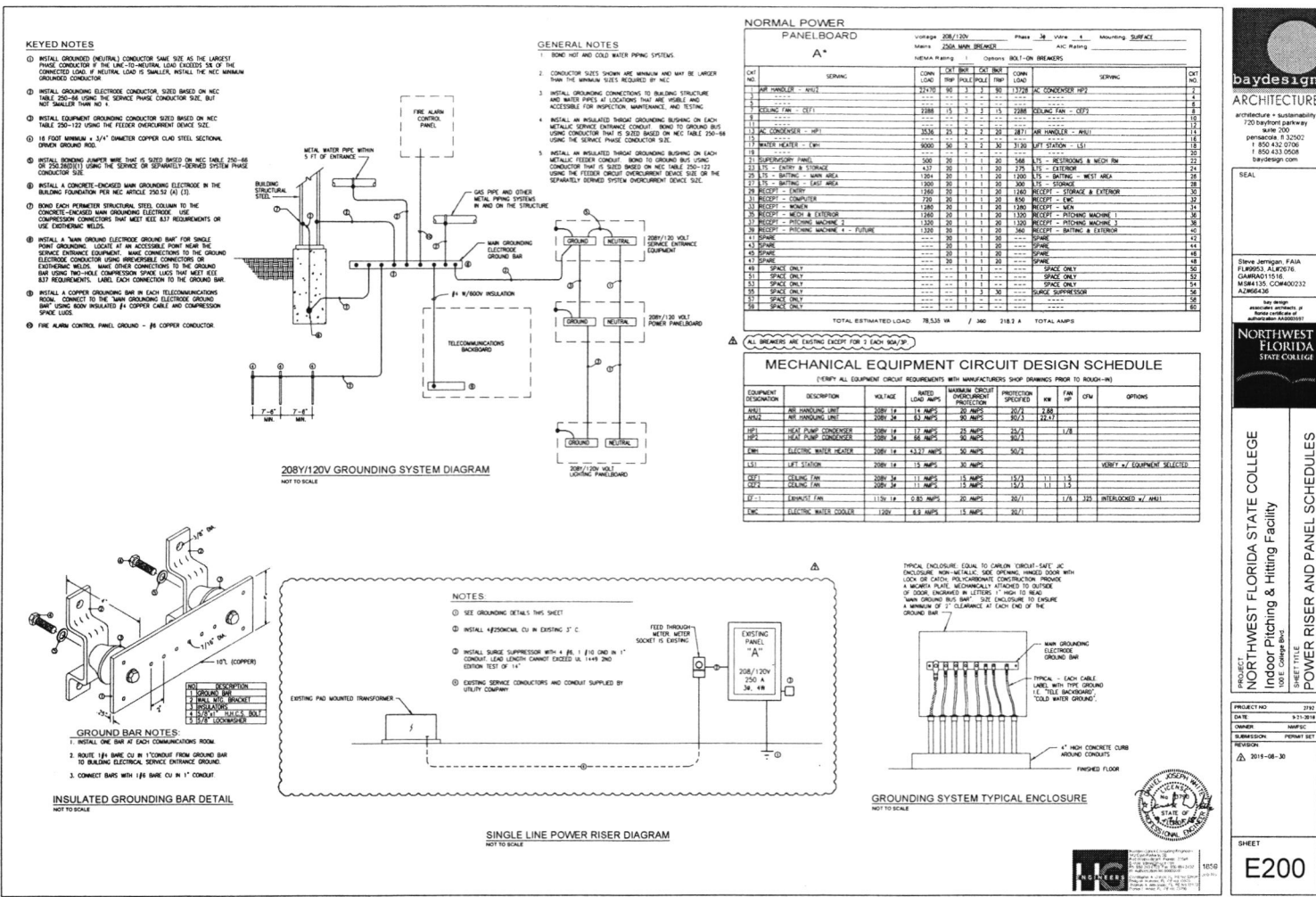
NORTHWEST FLORIDA STATE COLLEGE
Indoor Pitching & Hitting Facility

LEGEND, NOTES AND DETAILS

PROJECT NO:	2792
DATE:	9-21-2018
OWNER:	NMPC
SUBMISSION:	PERMITS SET
REVISION:	

SHEET

E100



- KEYED NOTES**
- INSTALL GROUNDING (NEUTRAL) CONDUCTOR SAME SIZE AS THE LARGEST PHASE CONDUCTOR IF THE LINE-TO-NEUTRAL LOAD EXCEEDS 50% OF THE CONNECTED LOAD. IF NEUTRAL LOAD IS SMALLER, INSTALL THE NEC MINIMUM GROUNDING CONDUCTOR.
 - INSTALL GROUNDING ELECTRODE CONDUCTOR SIZED BASED ON NEC TABLE 250-84 USING THE SERVICE PHASE CONDUCTOR SIZE, BUT NOT SMALLER THAN NO. 4.
 - INSTALL EQUIPMENT GROUNDING CONDUCTOR SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER OVERCURRENT DEVICE SIZE.
 - 1/8" DIA. MINIMUM - 3/4" DIA. COPPER CLAD STEEL SERVICE DOWN GROUND ROD.
 - INSTALL BONDING JUMPER WIRE THAT IS SIZED BASED ON NEC TABLE 250-88 OR 250-88(D) USING THE SERVICE OR SEPARATELY SERVED SYSTEM PHASE CONDUCTOR SIZE.
 - INSTALL A CONCRETE-ENCASED MAIN GROUNDING ELECTRODE IN THE BUILDING FOUNDATION PER NEC ARTICLE 250-53 (A) (2).
 - BOND EACH PRINCIPAL STRUCTURAL STEEL COLUMN TO THE CONCRETE-ENCASED MAIN GROUNDING ELECTRODE. USE COMPRESSION CONNECTORS THAT MEET IEEE 615 REQUIREMENTS OR USE EXOTHERMIC WELDS.
 - INSTALL A MAIN GROUNDING ELECTRODE GROUND BAR FOR SINGLE POINT GROUNDING. LOCATE AT AN ACCESSIBLE POINT NEAR THE SERVICE ENTRANCE EQUIPMENT. BOND CONNECTORS TO THE GROUNDING ELECTRODE CONDUCTOR USING IRREVERSIBLE CONNECTORS OR EXOTHERMIC WELDS. MAKE SURE CONNECTORS TO THE GROUND BAR USING NO-HOLE COMPRESSION SPACE LUGS THAT MEET IEEE 615 REQUIREMENTS. LABEL EACH CONNECTOR TO THE GROUND BAR.
 - INSTALL A COPPER GROUNDING BAR IN EACH TELECOMMUNICATIONS ROOM. CONNECT TO THE MAIN GROUNDING ELECTRODE GROUND BAR USING IRON-INSULATED #4 COPPER CABLE AND COMPRESSION SPACE LUGS.
 - FIRE ALARM CONTROL PANEL GROUND - #4 COPPER CONDUCTOR

- GENERAL NOTES**
- BOND HOT AND COLD WATER PIPING SYSTEMS.
 - CONDUCTOR SIZES SHOWN ARE MINIMUM AND MAY BE LARGER THAN THE MINIMUM SIZES REQUIRED BY NEC.
 - INSTALL GROUNDING CONNECTIONS TO BUILDING STRUCTURE AND WATER PIPES AT LOCATIONS THAT ARE VISIBLE AND ACCESSIBLE FOR INSPECTION, MAINTENANCE, AND TESTING.
 - INSTALL AN INSULATED TUBING GROUNDING BUSING ON EACH METALLIC SERVICE ENTRANCE CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-88 USING THE SERVICE PHASE CONDUCTOR SIZE.
 - INSTALL AN INSULATED TUBING GROUNDING BUSING ON EACH METALLIC FEEDER CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 250-122 USING THE FEEDER CIRCUIT OVERCURRENT DEVICE SIZE OR THE SEPARATELY SERVED SYSTEM OVERCURRENT DEVICE SIZE.

NORMAL POWER PANELBOARD

Voltage: 208Y/120V Phase: 3-Phase Mounting: SURFACE

Main: 200A MAIN BREAKER Breakers: 1 AIC Rating

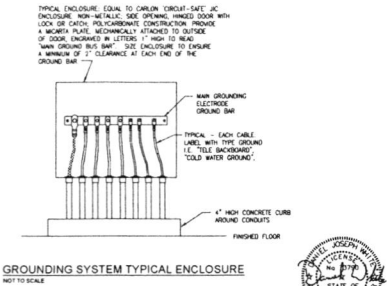
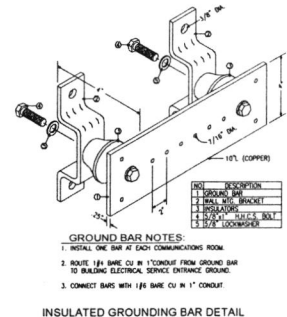
Ckt No.	SERVING	COMP LOAD	INST LOAD	INST LOAD	COMP LOAD	SERVING	Ckt No.
				TRIP POLE			
1	AIR CONDENSER - WEST	24770	30	3	30	AC CONDENSER - WEST	2
2							3
3							4
4							5
5	CEILING FAN - WEST	2088	15	3	15	CEILING FAN - WEST	6
6							7
7	AC CONDENSER - WEST	3536	35	2	30	AIR HANDLER - WEST	8
8							9
9	WATER HEATER - EAST	5000	50	2	30	LIFT STATION - EAST	10
10							11
11	SEPARATION PANEL	500	50	1	30	RESTROOM & MICH RM	12
12	EST - EAST B. STAIRS	157	10	1	30	EST - EAST	13
13	EST - EAST - MAIN AREA	1500	10	1	30	EST - EAST - MAIN AREA	14
14	EST - EAST - EAST AREA	1500	10	1	30	EST - EAST - EAST AREA	15
15	RECEIPT - COMPUTER	250	10	1	30	RECEIPT - COMPUTER	16
16	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	17
17	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	18
18	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	19
19	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	20
20	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	21
21	RECEIPT - MICH & EXT. AREA	1250	10	1	30	RECEIPT - MICH & EXT. AREA	22
22	SPACE		1	1		SPACE	23
23	SPACE		1	1		SPACE	24
24	SPACE		1	1		SPACE	25
25	SPACE		1	1		SPACE	26
26	SPACE		1	1		SPACE	27
27	SPACE		1	1		SPACE	28
28	SPACE		1	1		SPACE	29
29	SPACE		1	1		SPACE	30

TOTAL ESTIMATED LOAD: 78,535 VA / 360 218.2 A TOTAL AMPS

MECHANICAL EQUIPMENT CIRCUIT DESIGN SCHEDULE

(VERIFY ALL EQUIPMENT CIRCUIT REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS PRIOR TO ORDERING)

EQUIPMENT DESIGNATION	DESCRIPTION	VOLTAGE	RATED LOAD AMPS	MINIMUM CIRCUIT OVERCURRENT PROTECTION	PROTECTION SPECIFIED	FUSE FIP	CUA	OPTIONS
AN1	AIR HANDLING UNIT	208Y/1A	11 AMPS	20 AMPS	20/7.5	2.0/6		
AN2	AIR HANDLING UNIT	208Y/1A	11 AMPS	20 AMPS	20/7.5	2.0/6		
PH1	HEAT PUMP CONDENSER	208Y/1A	11 AMPS	20 AMPS	20/7.5	1.0/6		
PH2	HEAT PUMP CONDENSER	208Y/1A	11 AMPS	20 AMPS	20/7.5	1.0/6		
EM1	ELECTRIC WATER HEATER	208Y/1A	43.37 AMPS	30 AMPS	30/21			
L11	LIFT STATION	208Y/1A	15 AMPS	30 AMPS				VERIFY w/ EQUIPMENT SELECTED
CE1	CEILING FAN	208Y/3P	11 AMPS	15 AMPS	15/7.5	1.1/3		
CE2	CEILING FAN	208Y/3P	11 AMPS	15 AMPS	15/7.5	1.1/3		
EF-1	ELEVATOR FAN	115V/1P	5.82 AMPS	10 AMPS	30/7	1.0/3		INSTALL ON W/ AN1
TWC	ELECTRIC WATER COOLER	120V	8.2 AMPS	15 AMPS	30/7			



- NOTES**
- SEE GROUNDING DETAILS THIS SHEET.
 - INSTALL #2 COPPER CU IN EXISTING 3" C.
 - INSTALL SURGE SUPPRESSOR WITH 4 #8 x 1/2" DIA AND 1/4" CONDUIT. LEAD LENGTH CANNOT EXCEED 18" AND EXTENSION TEST OF 1".
 - EXISTING SERVICE CONDUCTORS AND CONDUIT SUPPLIED BY UTILITY COMPANY.

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ALUMINUM

NORTHWEST FLORIDA STATE COLLEGE

PROJECT
NORTHWEST FLORIDA STATE COLLEGE
Indoor Pitching & Hitting Facility
SHEET TITLE
POWER RISER AND PANEL SCHEDULES

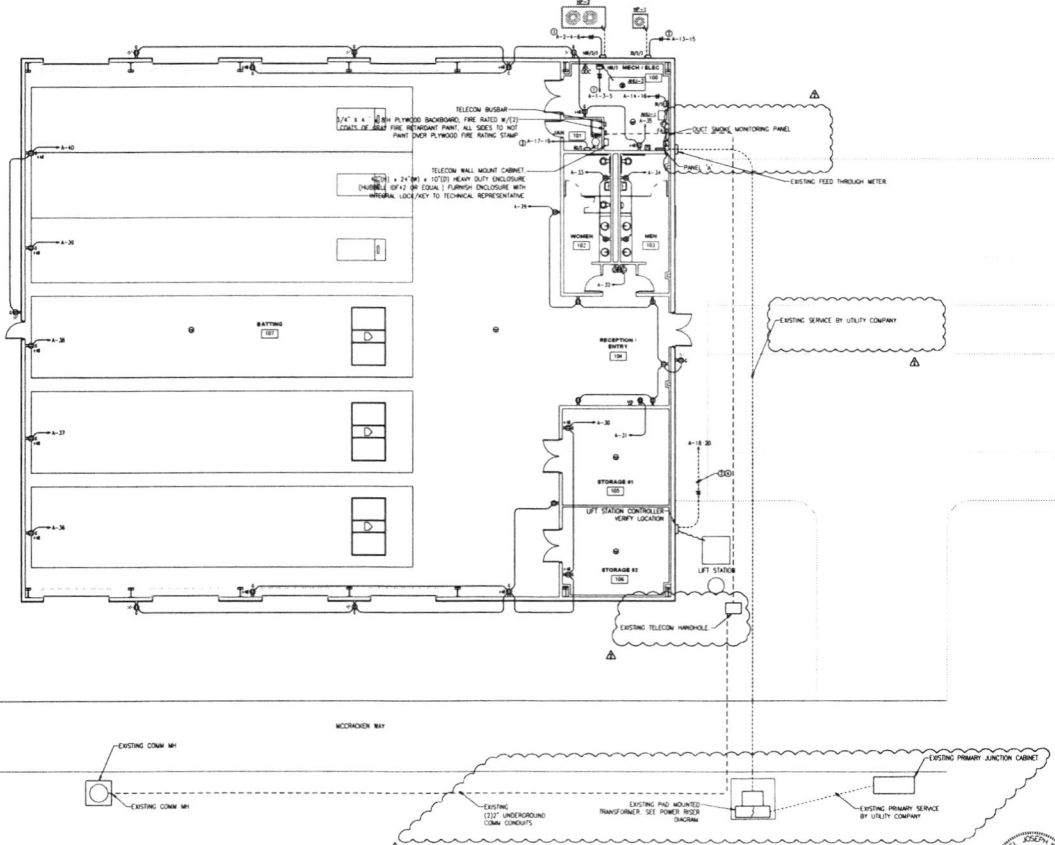
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DATE: 8-21-2019
OWNER: NFFSC
EXAMINER: PERMIT SET
REVISION:
2019-08-30



E200



GENERAL NOTES
1. ALL ELECTRICAL WORK IN FOR POWER, LIGHTING, AND FIRE ALARM IS COMPLETE. CONTRACTORS SHALL PROVIDE CONDUITORS AND SERVICES AS NECESSARY TO COMPLETE WORK.
2. CONTRACTOR SHALL FIELD EXISTING CONDITIONS.



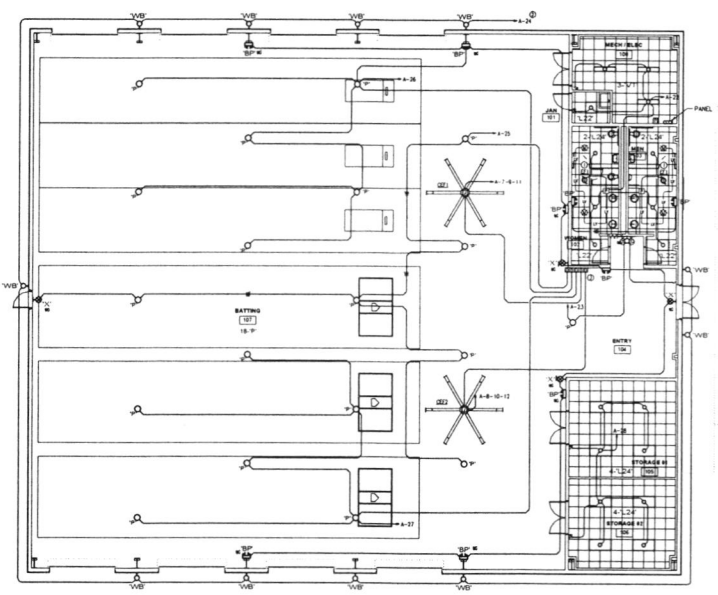
NOTES
① 4 #3 CU AND 1 #6 CU ONE IN 1-1/2" CONDUIT
② 3 #16 CU AND 1 #12 CU ONE IN 3/4" CONDUIT
③ 3 #8 CU AND 1 #12 CU ONE IN 3/4" CONDUIT
④ VERIFY LOCATION AND ELECTRICAL REQUIREMENTS PRIOR TO ROLLOFF

POWER AND MISC SYSTEMS PLAN
1/4" = 1'-0"

GENERAL NOTES

1. ALL ELECTRICAL ROUGH IN FOR POWER, LIGHTING, AND FIRE ALARM IS COMPLETE. CONTRACTORS SHALL PROVIDE CONDUCTORS AND DEVICES AS NECESSARY TO COMPLETE WORK.
2. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.

BASE BID LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	DESCRIPTION	QUANTITY	UNIT	NOTES	FIXTURE EQUATES
L1F	LITHONIA	2817-48-4050-120 271-UPH0	1	20W LED	CEILING LATH	PHILIPS, HUBBELL, OR EQUAL
L1H	LITHONIA	2817-48-4050-120 271-UPH0	1	20W LED	CEILING LATH	PHILIPS, HUBBELL, OR EQUAL
F	LITHONIA	486-1-4050-8-40-120 1218-408-8028-405-040-120	3000	LED	CEILING HOOK BRACKET	PHILIPS, HUBBELL, OR EQUAL
VF	MEDELL	8010122-1-40-120-120 1217-01-040-120-120	500	LED	CEILING COVER FRAME	LITHONIA, PHILIPS, HUBBELL, OR EQUAL
WF	HUBBELL	1463-24-14-000-3-1-1-0-0-0	418	LED	WALL SURFACE	LITHONIA, PHILIPS, OR EQUAL
W	LITHONIA	1261-120-20-400-40-120 1261-120-20-400-40-120	300	LED	WALL SURFACE	PHILIPS, HUBBELL, OR EQUAL
Y	LITHONIA	1261-120-20-400-40-120 1261-120-20-400-40-120	300	LED	WALL SURFACE	PHILIPS, HUBBELL, OR EQUAL
W	LITHONIA	1261-120-20-400-40-120 1261-120-20-400-40-120	300	LED	WALL SURFACE	PHILIPS, HUBBELL, OR EQUAL



NOTES:

1. EXHAUST FAN TO BE INTERLOCKED WITH MECHANICAL UNIT #011
2. HOMERUN VIA TIME SWITCH / PHOTOCELL COORDINATE w/ OWNER
3. COORDINATE DIMMER SWITCH COMPATIBILITY WITH EACH OPERABLE DEVICE. PRIOR TO PURCHASE AND INSTALLATION, COORDINATE FUNCTION w/ OWNER

LIGHTING PLAN



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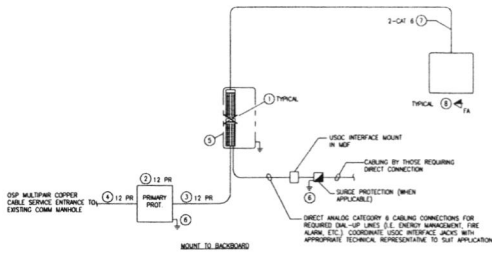
Steve Jernigan, F.A.I.A.
FL#12264 AL#P2176
CA#00011516
MS#0110, CO#000232
AZ#066430

NORTHWEST FLORIDA STATE COLLEGE

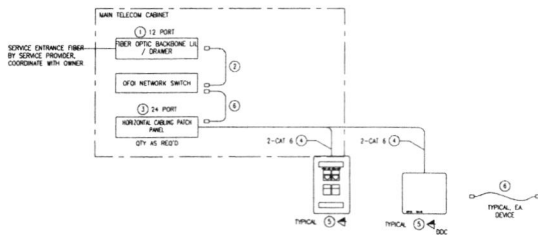
PROJECT: **NORTHWEST FLORIDA STATE COLLEGE**
Indoor Pitching & Hitting Facility
100 E. College Blvd.
SHEET TITLE: **LIGHTING PLAN**

PROJECT NO: 2103
DATE: 9-21-2014
OWNER: NWFSC
DESIGNER: JERNIGAN
REVISION: 2014-08-30

SHEET
E400



1 ANALOG SINGLE LINE DIAGRAM
NOT TO SCALE











2 DATA / VOICE SINGLE LINE DIAGRAM
NOT TO SCALE

- ANALOG SYSTEM SINGLE LINE KEY NOTES
1. SYSTEM CROSS-CONNECTS BLUE/WHITE 24 AWG SOLID COPPER CONDUCTORS. COORDINATE TERMINATION WITH TECHNICAL REPRESENTATIVE.
 2. PROVIDE PRIMARY PROTECTOR UNIT WITH INDICATED QUANTITY OF PROTECTOR MODULES BOND TO TELECOM ROOM BUSBAR WITH #6 AWG INSULATED GROUNDING CONDUCTOR.
 3. MULTI-PAIR ANALOG CATEGORY 3 CABLE.
 4. OUTSIDE PLANT MULTI-PAIR ANALOG CATEGORY 3 CABLE.
 5. HALF NOTCHABLE BACKSHIELD WITH REQUIRED QUANTITY OF BRG BRACKETS AND BRG BLOCKS. PROVIDE GROUND RAIL ON EACH BRG BLOCK WITH #6 AWG INSULATED GROUNDING CONDUCTOR FROM EACH GROUND RAIL TO TELECOM ROOM GROUNDING BUSBAR.
 6. PROVIDE #6 AWG INSULATED GROUNDING CONDUCTOR TO TELECOM ROOM GROUNDING BUSBAR.
 7. CATEGORY 6 HORIZONTAL WIRING UTP (UNSHIELDED TWISTED PAIR), 4-PAIR, 23 AWG. PLenum RATED (IF REQUIRED) PER NFPA, MAXIMUM INSTALLED LENGTH 90 METERS (295'), TERMINATED TO T568A PUNCH ARRANGEMENT.
 8. DATA / VOICE OUTLET WITH CATEGORY 6 BRG UTP (UNSHIELDED TWISTED PAIR) MODULAR JACKS FOR DATA/VOICE CONNECTIONS, TERMINATED TO T568A PUNCH ARRANGEMENT.

- TELECOM SINGLE LINE RISE/RUN NOTES
1. FIBER OPTIC BACKBONE INTERCONNECT LINK. PROVIDE INDICATED MODULE TYPE / QUANTITY. PROVIDE LABELING ON FRONT COVER TO INDICATE SERVING ROOM SOURCE, EACH RISE/RUN DESTINATION, AND EACH CABLE QUANTITY / TYPE. COORDINATE TERMINATION MODULE WITH OWNER'S TECHNICAL REPRESENTATIVE (LUND).
 2. FIBER OPTIC PATCH CORD, DUAL STRAND, SELECTED PPE MANUFACTURER'S FACTORY TERMINATED AND TESTED. PROVIDE QUANTITY AS REQUIRED, PLUS 10% SPARE. PATCH CORD TYPE, MODULE, AND COLOR TO MATCH SERVING SOURCE'S. COMPLETE ALL PATCH CORD REQUIREMENTS WITH TECHNICAL REPRESENTATIVE (LUND).
 3. CATEGORY 6 HORIZONTAL PATCH PANEL WITH BRG UTP (UNSHIELDED TWISTED PAIR) MODULAR JACKS. COLOR TO MATCH PATCH PANEL JACK. PROVIDE WITH REAR CABLE MANAGERS LABEL JACKS ACCORDING TO OWNER'S TECHNICAL REPRESENTATIVE'S REQUIREMENTS OR REFER TO THE ASB LABELING STANDARDS. PROVIDE INDICATED PORT QUANTITY.
 4. CATEGORY 6 HORIZONTAL WIRING UTP (UNSHIELDED TWISTED PAIR), 4-PAIR, 23 AWG. PLenum RATED (IF REQUIRED) PER NFPA, MAXIMUM INSTALLED LENGTH 90 METERS (295'), TERMINATED TO T568A PUNCH ARRANGEMENT.
 5. DATA / VOICE OUTLET WITH CATEGORY 6 BRG UTP (UNSHIELDED TWISTED PAIR) MODULAR JACKS FOR DATA/VOICE CONNECTIONS, TERMINATED TO T568A PUNCH ARRANGEMENT.
 6. CATEGORY 6 PATCH CORDS WITH UTP (UNSHIELDED TWISTED PAIR) BRG MODULAR PLUG, PPE MANUFACTURER WITH NO BOOT, FACTORY TERMINATED AND TESTED TO T568A PUNCH ARRANGEMENT. COLOR TO MATCH SYSTEM JACK. PROVIDE QUANTITY OF PATCH CORDS AS REQUIRED, PLUS 10% SPARE.



LEGEND

	EQUIPMENT TAG		DIRECT EXHAUST
	SUPPLY DUCT (INDICATES PRESSURE)		RETURN DUCT
	FLEXIBLE DUCT CONNECTION		RIGID DUCT
	VARIABLE FREQUENCY DRIVE		CONTROL CONDUIT

GENERAL NOTES

1. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ALL SUPPLY AND RETURN AIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. ALL AIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4. ALL AIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
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19. ALL AIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

LOUVER SCHEDULE

MODEL	SIZE	AREA (SQ. FT.)	PRICE	NOTES
LDL1	24x36	864	120.00	
LDL2	36x48	1728	240.00	
LDL3	48x60	2880	400.00	

AIR DEVICE SCHEDULE

MODEL	SIZE	AREA (SQ. FT.)	PRICE	NOTES
ADL1	18x24	432	60.00	
ADL2	24x36	864	120.00	
ADL3	36x48	1728	240.00	
ADL4	48x60	2880	400.00	

FAN SCHEDULE

LINE	TYPE	CFM	HP	WIND SPEED	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE
1	FAN	1000	0.5	10	10	10	10	10	10	10	10	10

CEILING FAN SCHEDULE

LINE	TYPE	CFM	HP	WIND SPEED	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE
1	FAN	1000	0.5	10	10	10	10	10	10	10	10	10

AIR PURIFICATION EQUIPMENT SCHEDULE

LINE	TYPE	CFM	HP	WIND SPEED	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE
1	FAN	1000	0.5	10	10	10	10	10	10	10	10	10

SPLIT SYSTEM HEAT PUMP SCHEDULE

LINE	MODEL	CFM	HP	WIND SPEED	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE	WIND DIRECTION	WIND CLASS	WIND VELOCITY	WIND PRESSURE
1	HP	1000	0.5	10	10	10	10	10	10	10	10	10



Watford Engineering, Inc.

 Mechanical Consulting

 10000 N. 15th Ave.

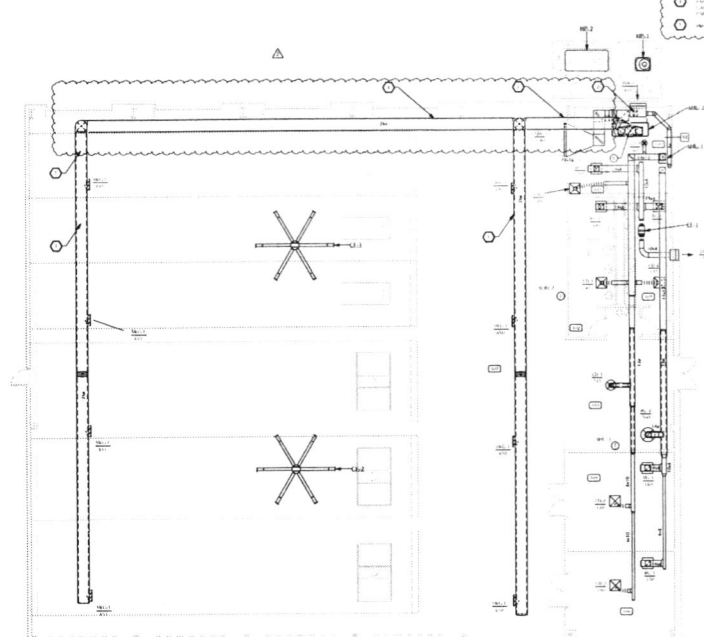
 Suite 100

 Fort Lauderdale, FL 33322

 P: 954.349.1000

 F: 954.349.1001

 www.watfordeng.com



SHEET NOTES

- 1. 1/2" RIGID INSULATION
- 2. 1/2" RIGID INSULATION
- 3. 1/2" RIGID INSULATION
- 4. 1/2" RIGID INSULATION
- 5. 1/2" RIGID INSULATION
- 6. 1/2" RIGID INSULATION
- 7. 1/2" RIGID INSULATION
- 8. 1/2" RIGID INSULATION
- 9. 1/2" RIGID INSULATION
- 10. 1/2" RIGID INSULATION

ROOM DESCRIPTIONS

- 101. 101
- 102. 102
- 103. 103
- 104. 104
- 105. 105
- 106. 106
- 107. 107
- 108. 108
- 109. 109
- 110. 110

SEQUENCE OF OPERATION

1. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.1. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.2. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.3. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.4. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.5. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.6. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.7. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.8. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.9. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

1.10. SYSTEMS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE FOLLOWING SEQUENCE OF OPERATION:

HVAC NEW WORK PLAN

MECHANICAL

Watford Engineering, Inc.
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 10000 N. US Highway 1
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 Jacksonville, FL 32217
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 Fax: 904.751.1112
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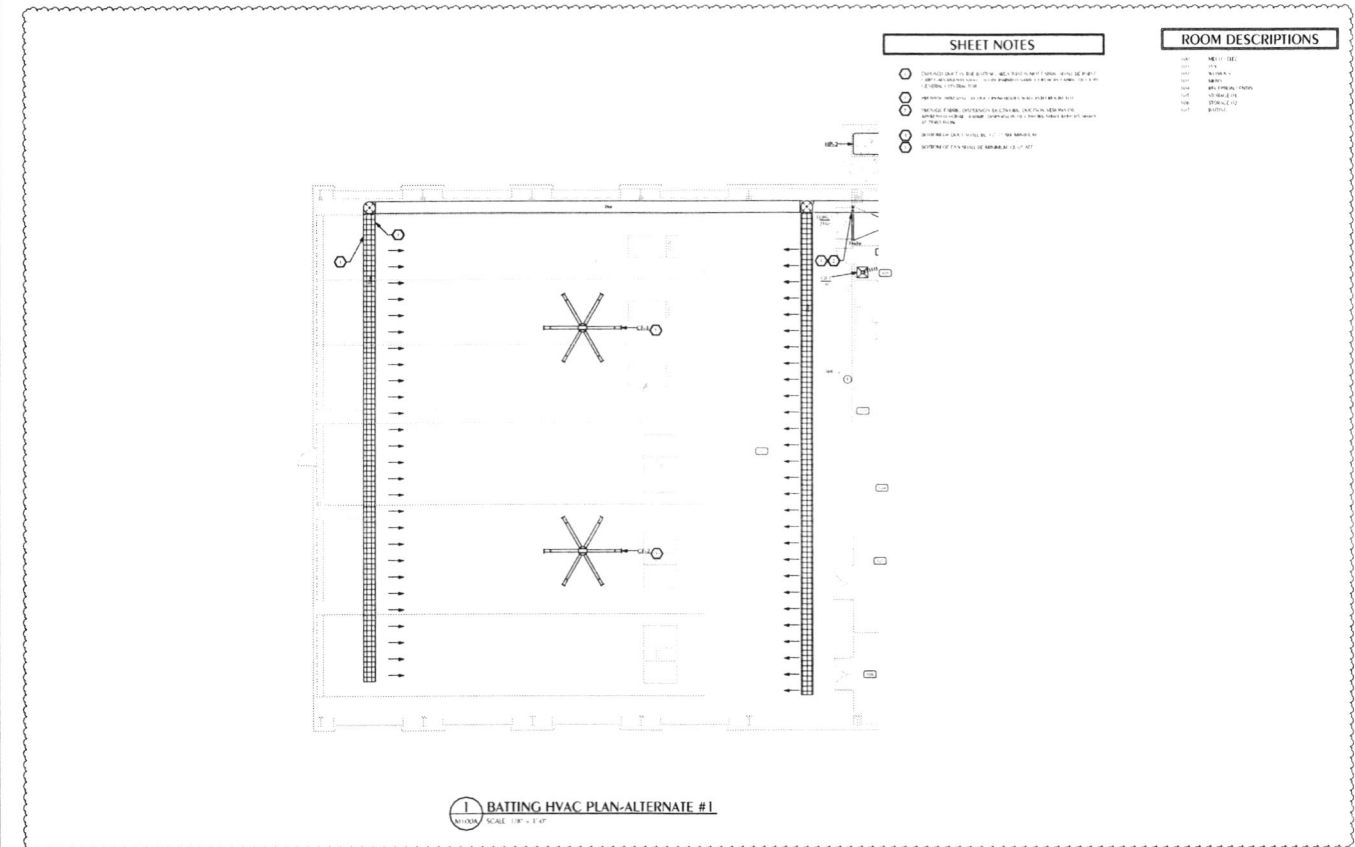
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 Suite 200
 Pensacola, FL 32502
 T 850.432.0706
 F 850.432.0508
 baydesign.com

NORTHWEST FLORIDA STATE COLLEGE
 STATE COLLEGE

PROJECT: NORTHWEST FLORIDA STATE COLLEGE
LOCATION: Picking & Hitting Facility
DATE: 8/27/14
SHEET TITLE: HVAC NEW WORK PLAN

PROJECT NO.	2762
DATE	8/24/2014
DRAWN BY	WAT/SC
CHECKED BY	WAT/SC
DATE	8/27/14
BY	WAT/SC

SHEET
M100



SHEET NOTES

- THIS ROOM SHALL BE SUPPLIED WITH AIR FROM THE EXISTING SYSTEM. THE AIR SHALL BE SUPPLIED THROUGH THE EXISTING SYSTEM.
- RETURN AIR SHALL BE SUPPLIED THROUGH THE EXISTING SYSTEM.
- RETURN AIR SHALL BE SUPPLIED THROUGH THE EXISTING SYSTEM.
- RETURN AIR SHALL BE SUPPLIED THROUGH THE EXISTING SYSTEM.

ROOM DESCRIPTIONS

NO.	DESCRIPTION
1	BATTING FACILITY
2	BATTING FACILITY
3	BATTING FACILITY
4	BATTING FACILITY
5	BATTING FACILITY

BATTING HVAC PLAN-ALTERNATE #1
SCALE: 1/8" = 1'-0"

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architecture • sustainability
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Doral, FL 33126
Phone: 850-432-0706
Fax: 850-432-0508
baydesign.com

has design
responsibility of
this document
NORTHWEST
FLORIDA
STATE COLLEGE

PROJECT:
NORTHWEST FLORIDA STATE COLLEGE
Indoor Pitching & Hitting Facility
1000 E. College Blvd.
SHEET TITLE:
BATTING HVAC PLAN-ALTERNATE #1

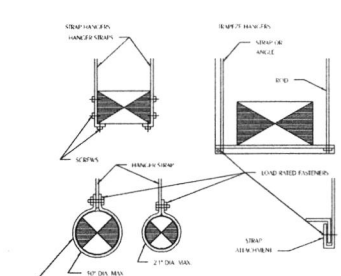
PROJECT NO.	1789
DATE	6-28-2018
OWNER	NWFSC
SUBMISSION	PERMIT SET
REVISION	
7	6-28-18

SHEET
M100A

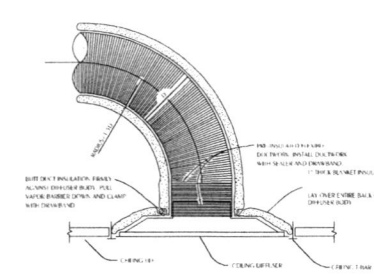
SEAL
 SEE DRAWING 444-100-1000000
 FOR MORE INFORMATION
 VISIT WWW.AIAAARCHITECT.COM

PROJECT NO.: 23927
 DATE: 12/12/2013
 OWNER: WMFSC
 SUBMISSION: FINAL SET
 REVISION:

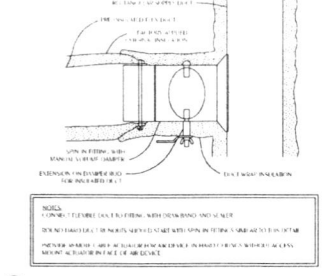
SHEET
M200



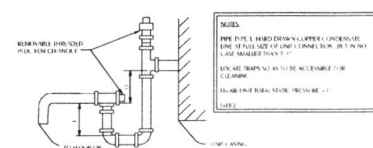
1 DUCT HANGER DETAIL
 MEAN SCALE: NONE



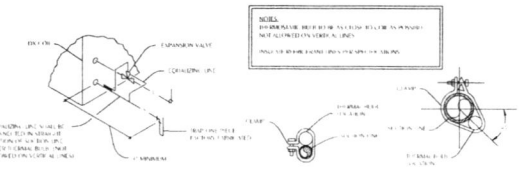
2 FLEX DUCT TAKEOFF AT DIFFUSER DETAIL
 MEAN SCALE: NONE



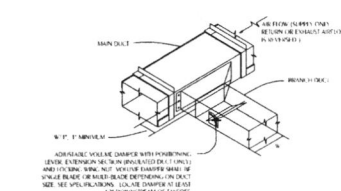
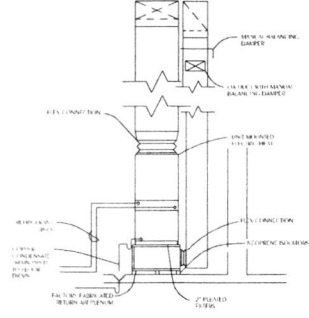
3 FLEX DUCT TAKEOFF DETAIL
 MEAN SCALE: NONE



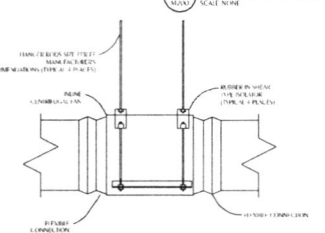
4 NEGATIVE PRESSURE CONDENSATE DRAIN TRAP
 MEAN SCALE: NONE



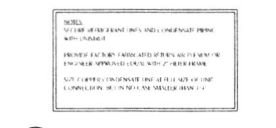
5 REFRIGERANT COIL CONNECTION DETAIL
 MEAN SCALE: NONE



6 TYPICAL BRANCH DUCT TAKEOFF
 MEAN SCALE: NONE

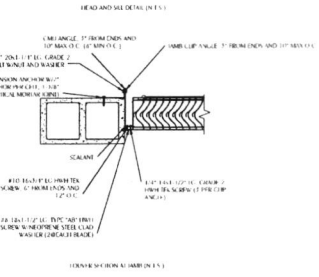
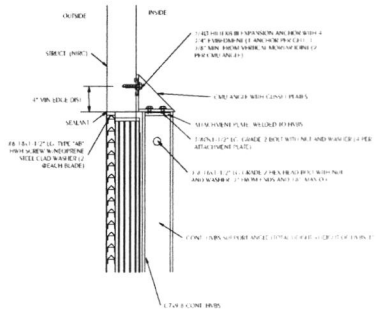


7 INLINE FAN DETAIL
 MEAN SCALE: NONE



8 VERTICAL AIR HANDLER DETAIL
 MEAN SCALE: NONE

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 Fort Lauderdale, FL 33322
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 Fax: 954-346-3101
 Project Number: 1018-033



1 WALL LOUVER DETAIL
 SCALE: 1/8" = 1'-0"

2 TYPICAL SURFACE MOUNTED PIPING SUPPORT DETAIL
 SCALE: 1/8" = 1'-0"

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 Pensacola, FL 32502
 Phone: 850-432-0706
 Fax: 850-432-0908
 baydesign.com

NORTHWEST FLORIDA STATE COLLEGE

PROJECT: NORTHWEST FLORIDA STATE COLLEGE
 Indoor Pitching & Hitting Facility
 1000 E. College Blvd.
 PROJECT TYPE: HVAC DETAILS

PROJECT NO.	2700
DATE	6-20-2016
DRAWN BY	MMF/PC
CHECKED BY	MMF/PC
IN CHARGE	MMF/PC

SHEET
M201

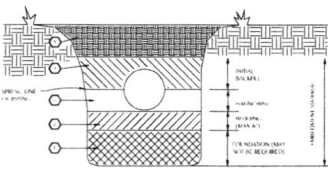
LEGEND

- S-10 NEW 1/2" RIBBED FINING
- S-12 VENT FINING
- S-14 CURED 1/2" RIBBED FINING
- S-16 BEST 1/2" RIBBED FINING
- S-18 BEST 1/2" RIBBED FINING
- S-20 BEST 1/2" RIBBED FINING (LEFT)
- S-22 G-10 FIBERGLASS
- S-24 G-10 FIBERGLASS
- S-26 G-10 FIBERGLASS
- S-28 G-10 FIBERGLASS
- S-30 G-10 FIBERGLASS
- S-32 G-10 FIBERGLASS
- S-34 G-10 FIBERGLASS
- S-36 G-10 FIBERGLASS
- S-38 G-10 FIBERGLASS
- S-40 G-10 FIBERGLASS
- S-42 G-10 FIBERGLASS
- S-44 G-10 FIBERGLASS
- S-46 G-10 FIBERGLASS
- S-48 G-10 FIBERGLASS
- S-50 G-10 FIBERGLASS
- S-52 G-10 FIBERGLASS
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- S-100 G-10 FIBERGLASS

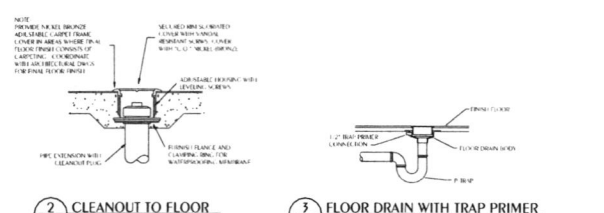
GENERAL NOTES

1. COORDINATE ALL FINING WITH STRUCTURE OF PARTS AND FINISH CONDITIONS. FINING SHALL BE ACCORDING TO ARCHITECTURE.
2. FIELD JOINTS SHALL BE MADE BY LAPPING OF FINING JOINTS.
3. ALL FINING JOINTS SHALL BE MADE BY LAPPING OF FINING JOINTS.
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- 13. ALL FINING JOINTS SHALL BE MADE BY LAPPING OF FINING JOINTS.



1. EXCAVATION AND BACKFILL DETAIL
 2. CLEANOUT TO FLOOR
 3. FLOOR DRAIN WITH TRAP PRIMER
 4. TRAP PRIMER DETAIL



PLUMBING FIXTURE SCHEDULE					
MARK	FIXTURE	PIPE SIZE (INCH)			REMARKS
		W	TR	VE	
W-1	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-2	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-3	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-4	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-5	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-6	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-7	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-8	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-9	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-10	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-11	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-12	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-13	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-14	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-15	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-16	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-17	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-18	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-19	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.
W-20	WATER CLOSET (STANDARD TOILET)	1/2	1/2	1/2	STANDARD HEIGHT OF 1/2" FLANGE W/ 1/2" RIBBED FINING. 1/2" RIBBED FINING.

Watford Engineering, Inc.
 1000 North ...
 2000 ...
 3000 ...
 4000 ...
 5000 ...

baydesign
 ARCHITECTURE + SUSTAINABILITY
 100 ...
 200 ...
 300 ...
 400 ...
 500 ...

NORTHWEST FLORIDA STATE COLLEGE
 PROJECT: NORTHWEST FLORIDA STATE COLLEGE
 Indoor Picking & Hitting Facility
 SHEET TITLE: PLUMBING LEGEND, SCHEDULE, & NOTES
 PROJECT NO: 2700
 DATE: 9/24/2019
 DRAWN BY: ...
 CHECKED BY: ...
 SUBMITTED BY: ...
 SHEET NO: P001 OF 1

PLUMBING FIXTURE SPECIFICATIONS

1. **GENERAL**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
2. **MANUFACTURER**
 - A. THE MANUFACTURER OF THE FOLLOWING EQUIPMENT IS NOT NECESSARILY LIMITED TO THE MANUFACTURER LISTED BELOW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
3. **INSTALLATION**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
4. **QUALITY ASSURANCE**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
5. **TESTS**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
6. **FINISHES**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
7. **PAINTS**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
8. **PROTECTION**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
9. **INSTALLATION OF FINISHES**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
10. **INSTALLATION OF FIXTURES AND EQUIPMENT**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
11. **MAINTENANCE**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.
12. **CLEANUP**
 - A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1. WALL MOUNT ELECTRIC WATER HEATER

1.1.1. GENERAL

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.2. MANUFACTURER

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.3. INSTALLATION

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.4. QUALITY ASSURANCE

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.5. TESTS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.6. FINISHES

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.7. PAINTS

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.8. PROTECTION

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.9. INSTALLATION OF FINISHES

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.10. INSTALLATION OF FIXTURES AND EQUIPMENT

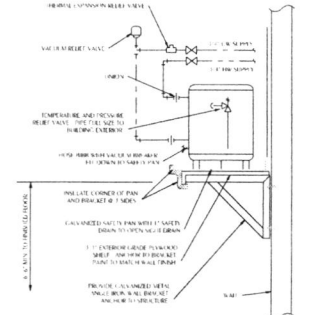
A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.11. MAINTENANCE

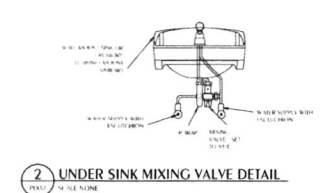
A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.

1.1.12. CLEANUP

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION, ORDERING, AND DELIVERY OF ALL MATERIALS AND EQUIPMENT TO BE USED IN THE WORK.



1 WALL MOUNT ELECTRIC WATER HEATER DETAIL



2 UNDER SINK MIXING VALVE DETAIL

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ARCHITECTURE

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F 904.432.0508
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SEAL

PROJECT: NORTHWEST FLORIDA STATE COLLEGE
Indoor Plumbing & Heating Facility
1001 E. College Blvd.
PLUMBING DETAILS AND SPECIFICATIONS

PROJECT NO: 2709
DATE: 03-20-2018
OWNER: WFTC
SUBMISSION: PERMIT SET
REVISION:

2 8:30-10

SHEET

P002

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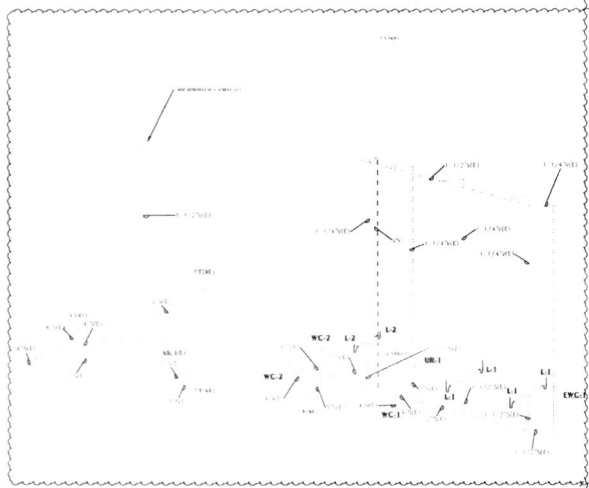
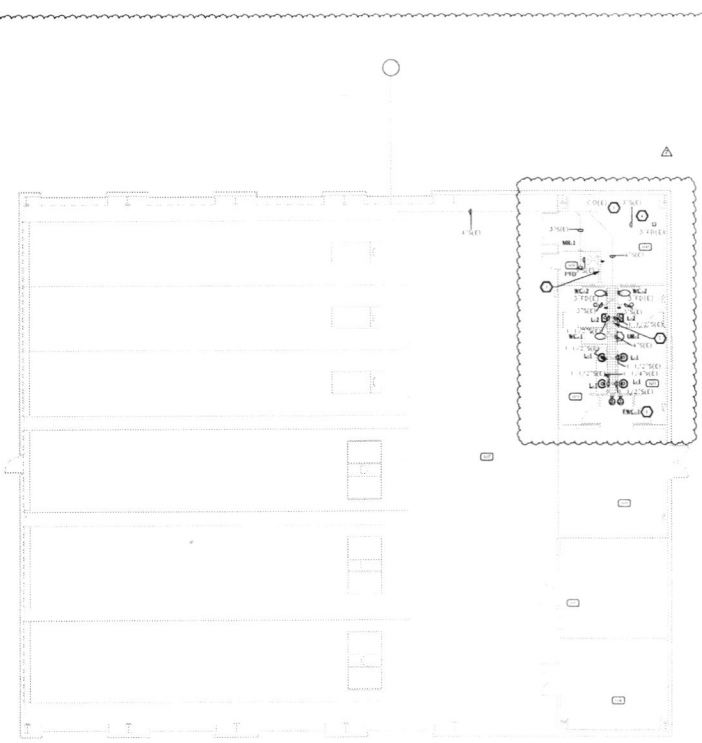
PROJECT NO.	2762
DATE	5/24/2019
DRAWN BY	WFF/SC
CHECKED BY	WFF/SC
REVISION	REMARK SET
NO.	DATE
1	9/27/19
2	6/30/19

SHEET NOTES

- 1. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 FLORIDA PLUMBING CODE (FPC) AND THE 2015 FLORIDA MECHANICAL CODE (FMC).
- 2. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 FLORIDA PLUMBING CODE (FPC) AND THE 2015 FLORIDA MECHANICAL CODE (FMC).
- 3. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 FLORIDA PLUMBING CODE (FPC) AND THE 2015 FLORIDA MECHANICAL CODE (FMC).
- 4. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2015 FLORIDA PLUMBING CODE (FPC) AND THE 2015 FLORIDA MECHANICAL CODE (FMC).

ROOM DESCRIPTIONS

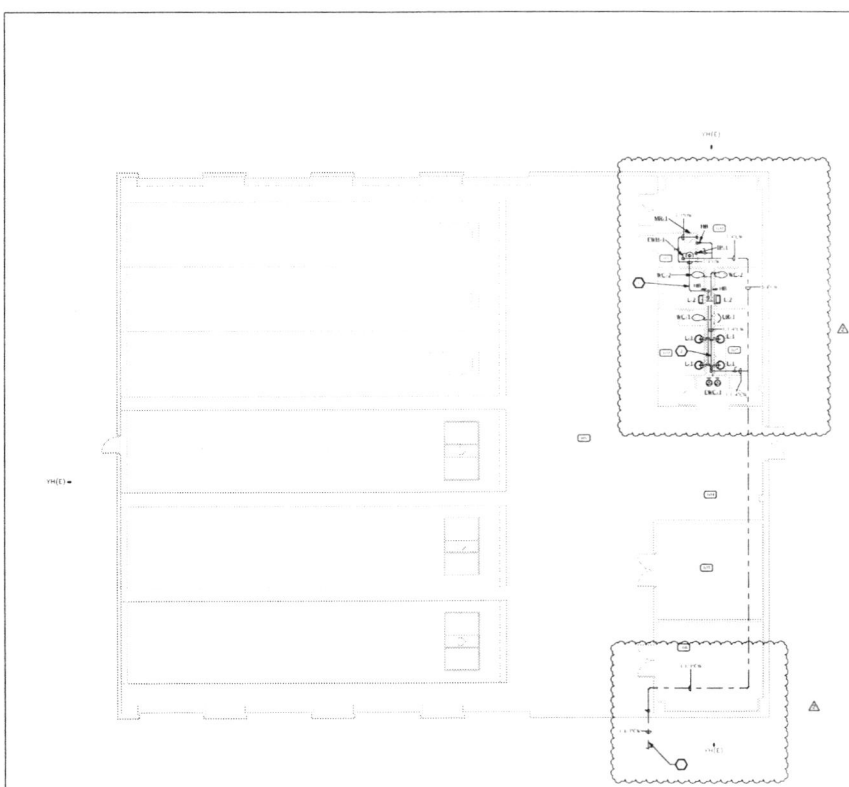
ME	MECHANICAL ROOM
WC	WATER CLOSET
TR	TRASH ROOM
EN	ENGINEERING



1 PLUMBING SANITARY PLAN
SCALE: 1/4" = 1'-0"

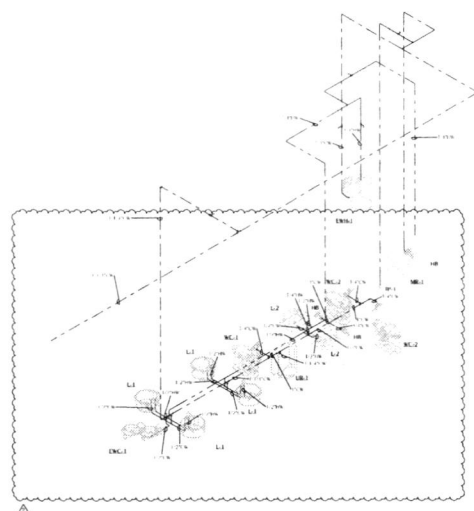
2 SANITARY RISER DIAGRAM
SCALE: 1/4" = 1'-0"

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2000 North 1st Street
Panama City, FL 32302
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Fax: 850-432-0508
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ROOM DESCRIPTIONS	
101	MECH. ROOM
102	STAIR
103	MECH. ROOM
104	MECH. ROOM
105	MECH. ROOM
106	MECH. ROOM
107	MECH. ROOM
108	MECH. ROOM
109	MECH. ROOM
110	MECH. ROOM

SHEET NOTES	
○	INDICATE TO CHANGE OR RELOCATE IN CASE OF A DISCREPANCY WITH FIELD OR CONTRACTOR.
○	INDICATE TO CHANGE OR RELOCATE IN CASE OF A DISCREPANCY WITH FIELD OR CONTRACTOR.
○	INDICATE TO CHANGE OR RELOCATE IN CASE OF A DISCREPANCY WITH FIELD OR CONTRACTOR.



2 DOMESTIC WATER RISER DIAGRAM

1 PLUMBING DOMESTIC WATER PLAN
 DATE: 04.01.2018
 DRAWN BY: J. J. J.

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SEAL

PROFESSIONAL ENGINEER
 NORTHWEST FLORIDA STATE COLLEGE

PROJECT: NORTHWEST FLORIDA STATE COLLEGE
 Indoor Pitching & Hitting Facility
 SHEET TITLE: PLUMBING DOMESTIC WATER PLAN

REVISION	DATE	BY	APP'D
1	4/1/18	JJJ	
2	4/1/18	JJJ	

SHEET
P101