FIELDHOUSE
AT
JAY HIGH SCHOOL

1863 SOUTH ALABAMA STREET

JAY, FL 32565

FOR THE
SCHOOL BOARD OF SANTA ROSA COUNTY

PHASE II DOCUMENTS

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C102 - EROSION CONTROL PLAN
C103 - SITE IMPROVEMENTS PLAN
C104 - SITE DIMENSIONING PLAN
C105 - SITE GRADING PLAN
C106 - SITE CONSTRUCTION DETAILS
C107 - SITE DRAINAGE & UTILITY DETAILS
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E201 - ELECTRICAL LIGHTING PLAN
E301 - ELECTRICAL DETAILS
E302 - ELECTRICAL DETAILS

OWNER CONTACTS:

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A1 — Project Teams and Discipline Allocation
SCALE: NTS

Applicable Building Codes
a. Florida Building Code (FBC) 2017 Sixth Edition - Referenced Below, Unless Noted Otherwise
b. NFPA Life Safety Code - 2014 Edition
c. National Electric Code
d. County Codes
e. City Codes

FLORIDA BUILDING CODE:
OCCUPANCY: GROUP E
CONSTRUCTION: TYPE IIB, UNSPRINKLERED,

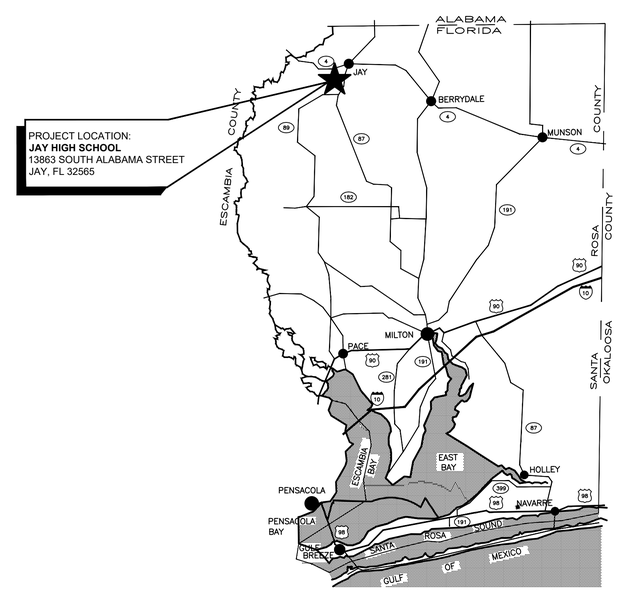
EXPOSURE: C
ULTIMATE DESIGN WIND SPEED: 150 MPH
TYPE OF CONSTRUCTION: IIB
RISK CATEGORY: III
OCCUPANCY: GROUP E EDUCATIONAL
OCCUPANT LOAD: 100
SQUARE FOOTAGE: 4973 SF +/-
EGRESS CALCULATIONS: SEE LS101

FLORIDA PRODUCT APPROVAL NUMBERS

PRODUCT MANUFACTURER	ITEM	APPROVAL TYPE	APPROVAL NUMBER
STEELCRAFT H-SERIES	EXTERIOR HOLLOW METAL DOORS	STATE	FL-12400
BERRIDGE	STANDING SEAM METAL ROOFING	STATE	FL-11159.3
KAWNEER	STOREFRONT WINDOW - IR-501	STATE	FL-8787.2 (impact)

A3 — Building Code Data
SCALE: NTS

B4 — Project Sheet Index
SCALE: NTS



A4 — Vicinity Map
SCALE: NTS

DAG ARCHITECTS

PHASE II/PHASE III DOCUMENTS

SRCSD Jay High School
Fieldhouse
13863 South Alabama Street
Jay, Florida 32565

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Revision

Date:	No.	Description:

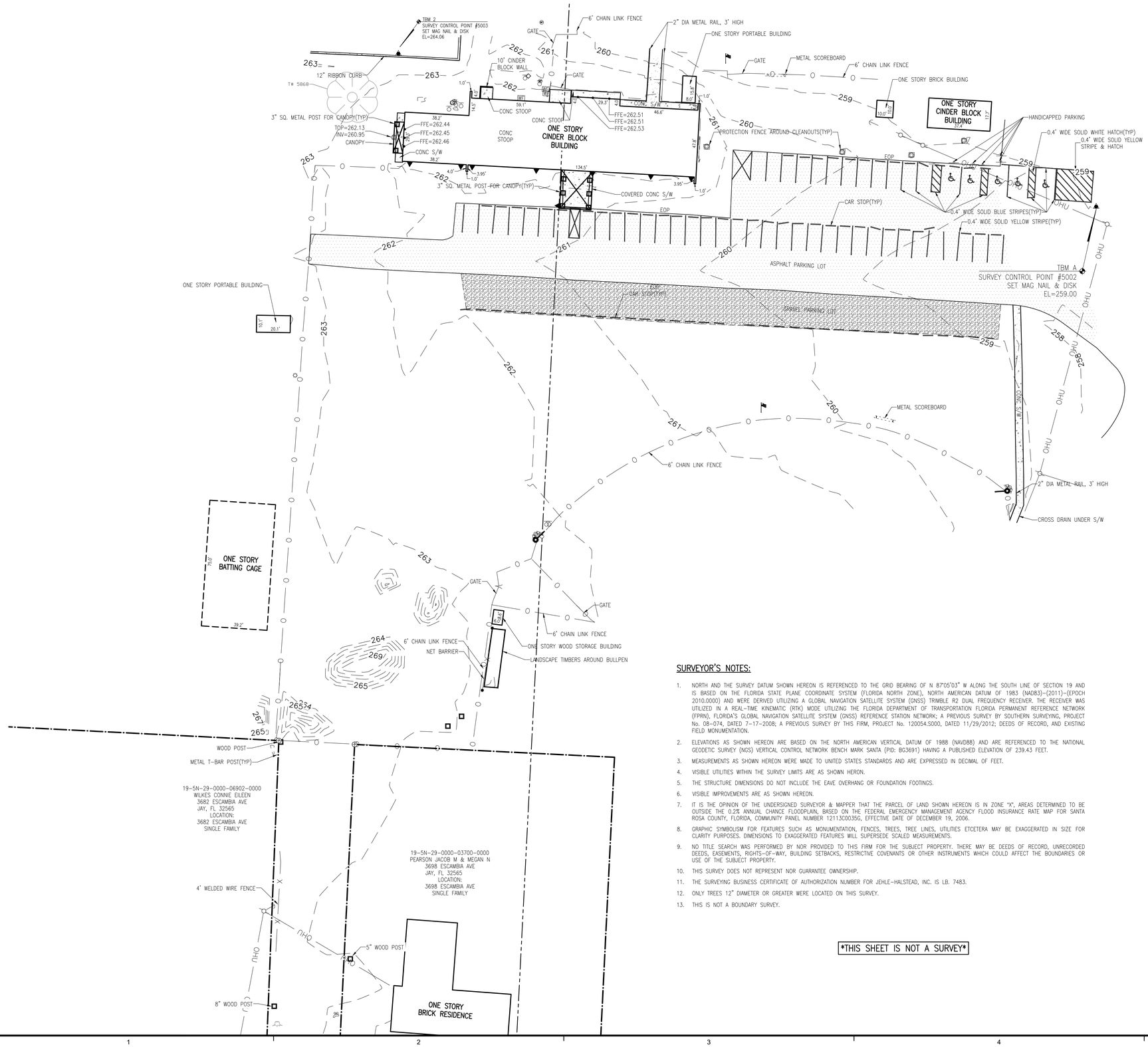
Drawn By: DAG
Checked By: DAG

Date: 02-17-2020

Project No.: 19091

Drawing Title:
SET COVER SHEET - PROJECT STATS, CODE REVIEW SHEET INDEX & DESIGN TEAM

Drawing No.: A000



LEGEND:

- 1/2" DIA CAPPED IRON ROD ("TRENCH")
- 1/2" DIA CAPPED IRON ROD (ILLEGIBLE)
- FOUND RAILROAD SPIKE (UNNUMBERED)
- SET BENCHMARK
- CHAIN LINK FENCE
- OVERHEAD UTILITIES
- SILT FENCE
- TREE PROTECTION
- WATER SERVICE
- FIRE PROTECTION SERVICE
- SEWER SERVICE
- GAS SERVICE
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- ASPHALT
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- ELECTRIC METER
- AIR CONDITIONER
- GUY WIRE ANCHOR
- WOOD UTILITY POLE
- WOOD LIGHT POLE
- STADIUM LIGHT POLE WITH MULTIPLE LIGHTS
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- FLAG POLE
- BOLLARD
- MAILBOX
- ROUND POST
- SQUARE POST
- SINGLE SUPPORT SIGN
- SECTION NUMBER
- STUMP
- SPOT ELEVATION
- ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

SURVEYOR'S NOTES:

1. NORTH AND THE SURVEY DATUM SHOWN HEREON IS REFERENCED TO THE GRID BEARING OF N 87°05'03" W ALONG THE SOUTH LINE OF SECTION 19 AND IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM (FLORIDA NORTH ZONE), NORTH AMERICAN DATUM OF 1983 (NAD83)-(2011)-(EPOCH 2010.0000) AND WERE DERIVED UTILIZING A GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) TRIMBLE R2 DUAL FREQUENCY RECEIVER. THE RECEIVER WAS UTILIZED IN A REAL-TIME KINEMATIC (RTK) MODE UTILIZING THE FLORIDA DEPARTMENT OF TRANSPORTATION FLORIDA PERMANENT REFERENCE NETWORK (FPRN), FLORIDA'S GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) REFERENCE STATION NETWORK; A PREVIOUS SURVEY BY SOUTHERN SURVEYING, PROJECT No. 08-074, DATED 7-17-2008; A PREVIOUS SURVEY BY THIS FIRM, PROJECT No. 120054.S000, DATED 11/29/2012; DEEDS OF RECORD, AND EXISTING FIELD MONUMENTATION.
2. ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ARE REFERENCED TO THE NATIONAL GEODETIC SURVEY (NGS) VERTICAL CONTROL NETWORK BENCH MARK SANTA (PID: BG3691) HAVING A PUBLISHED ELEVATION OF 239.43 FEET.
3. MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS AND ARE EXPRESSED IN DECIMAL OF FEET.
4. VISIBLE UTILITIES WITHIN THE SURVEY LIMITS ARE AS SHOWN HERON.
5. THE STRUCTURE DIMENSIONS DO NOT INCLUDE THE EAVE OVERHANG OR FOUNDATION FOOTINGS.
6. VISIBLE IMPROVEMENTS ARE AS SHOWN HEREON.
7. IT IS THE OPINION OF THE UNDERSIGNED SURVEYOR & MAPPER THAT THE PARCEL OF LAND SHOWN HEREON IS IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, BASED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP FOR SANTA ROSA COUNTY, FLORIDA, COMMUNITY PANEL NUMBER 12113C0035G, EFFECTIVE DATE OF DECEMBER 19, 2006.
8. GRAPHIC SYMBOLISM FOR FEATURES SUCH AS MONUMENTATION, FENCES, TREES, TREE LINES, UTILITIES ETCETERA MAY BE EXAGGERATED IN SIZE FOR CLARITY PURPOSES. DIMENSIONS TO EXAGGERATED FEATURES WILL SUPERSEDE SCALED MEASUREMENTS.
9. NO TITLE SEARCH WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
10. THIS SURVEY DOES NOT REPRESENT NOR GUARANTEE OWNERSHIP.
11. THE SURVEYING BUSINESS CERTIFICATE OF AUTHORIZATION NUMBER FOR JEHLE-HALSTEAD, INC. IS LB. 7483.
12. ONLY TREES 12" DIAMETER OR GREATER WERE LOCATED ON THIS SURVEY.
13. THIS IS NOT A BOUNDARY SURVEY.

THIS SHEET IS NOT A SURVEY

TREE SCHEDULE			
TREE #	SPECIES	CANOPY	DIAMETER
5868	PECAN	30'	18"
6119	PALM	20'	18"

0' 15' 30' 60'
SCALE IN FEET

N

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DAG ARCHITECTS

PHASE II/PHASE III DOCUMENTS

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DAVID PATRICK JEHLE, JR.
No.71528
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Revision

Date:	No.	Description:

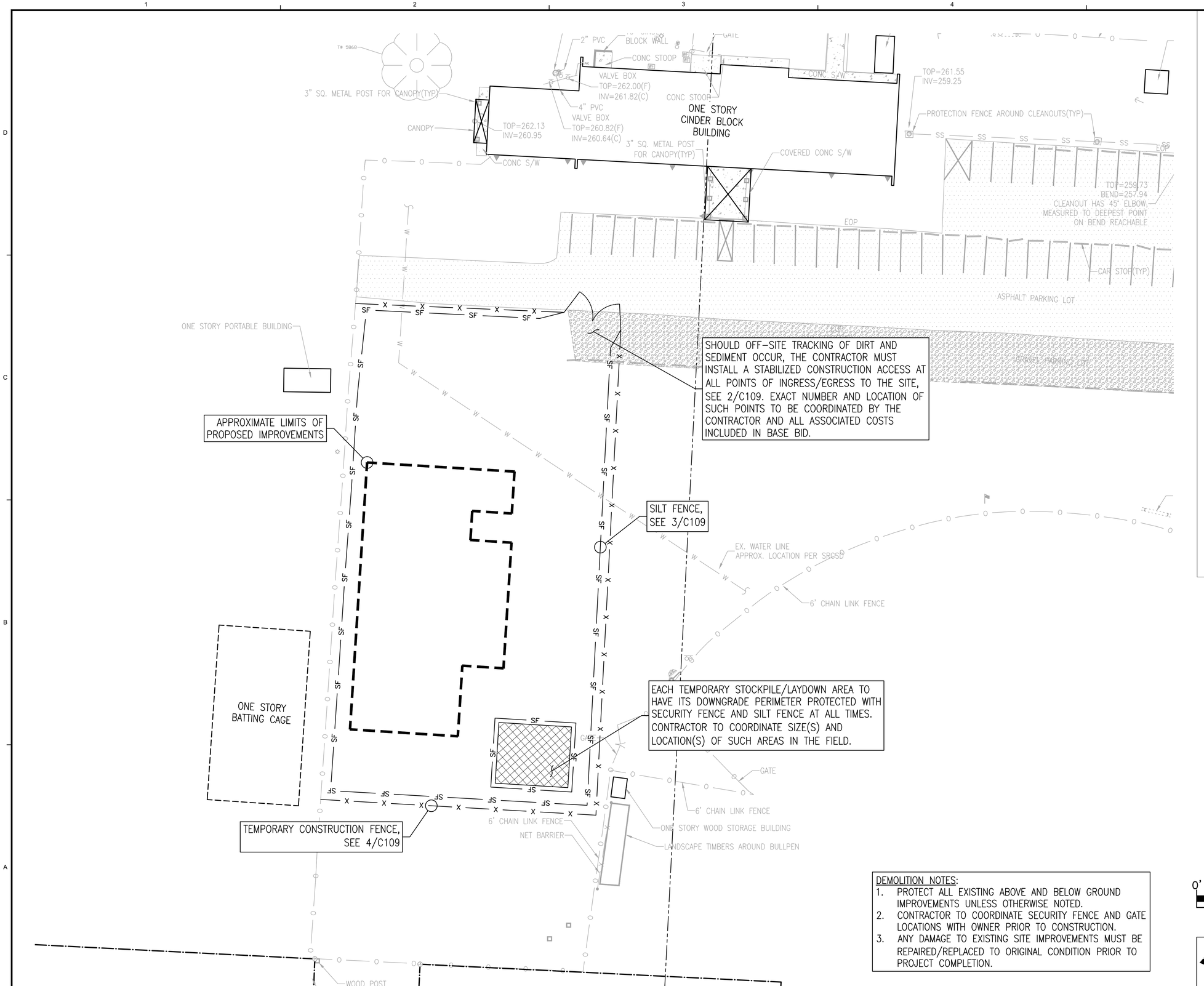
Drawn By: JDG
Checked By: DPJj

Date: 02-17-2020

Project No.: 07617-0014

Drawing Title:
EXISTING CONDITIONS PLAN

Drawing No.: C101



LEGEND:

- 1/2" DIA CAPPED IRON ROD ("TRENCH")
- 1/2" DIA CAPPED IRON ROD (ILLEGIBLE)
- FOUND RAILROAD SPIKE (UNNUMBERED)
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- SPOT ELEVATION
- ELEVATION CONTOUR LINE AT ONE FOOT INTERVALS

DEMOLITION NOTES:

1. PROTECT ALL EXISTING ABOVE AND BELOW GROUND IMPROVEMENTS UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO COORDINATE SECURITY FENCE AND GATE LOCATIONS WITH OWNER PRIOR TO CONSTRUCTION.
3. ANY DAMAGE TO EXISTING SITE IMPROVEMENTS MUST BE REPAIRED/REPLACED TO ORIGINAL CONDITION PRIOR TO PROJECT COMPLETION.

0' 10' 20' 40'
SCALE IN FEET

N

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No.71528
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PROFESSIONAL ENGINEER

Revision

Date:	No.	Description:

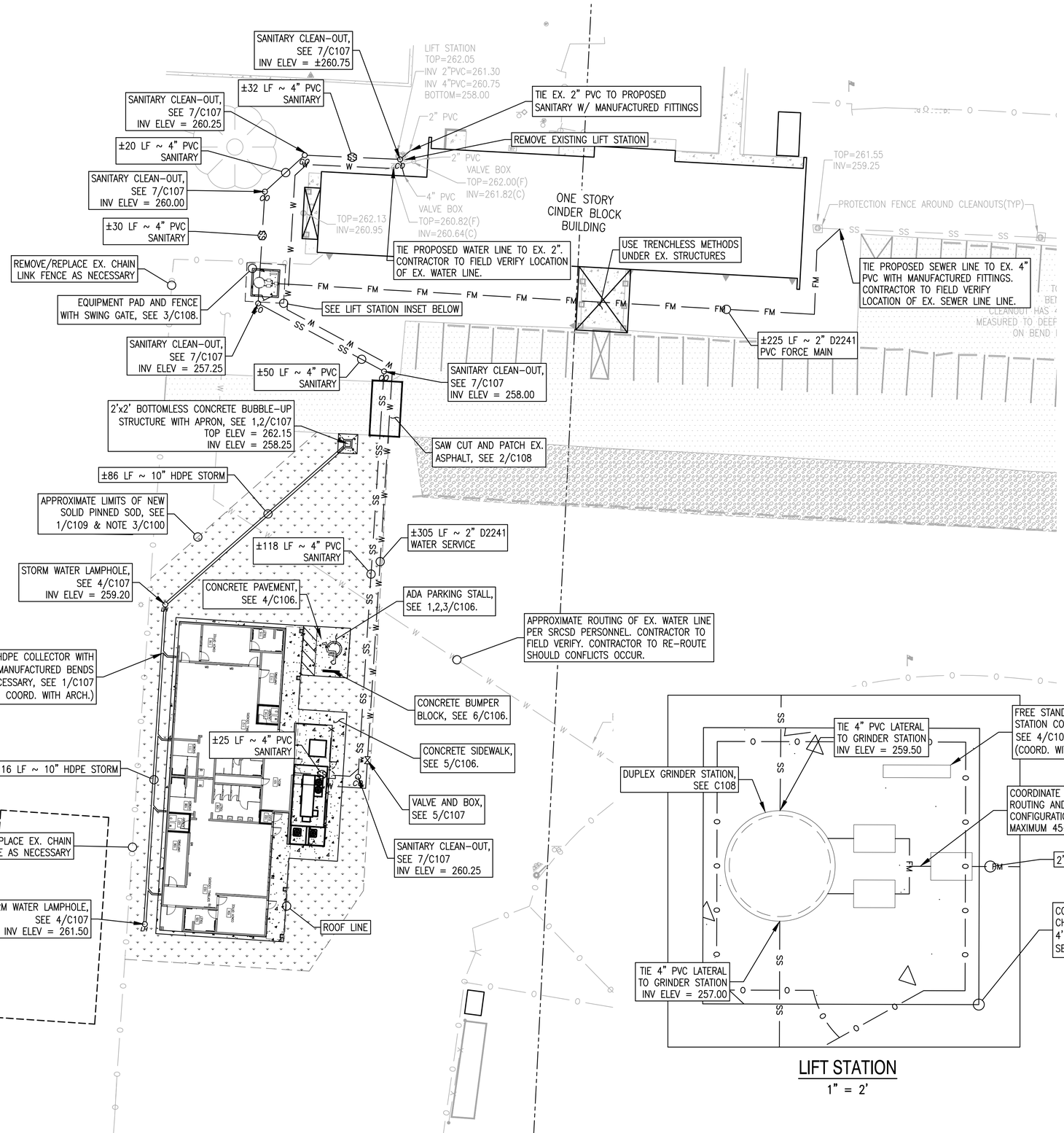
Drawn By: JDG
Checked By: DPJj

Date: 03-02-2020

Project No.: 07617-0014

Drawing Title:
EROSION CONTROL PLAN

Drawing No.: C102



LIFT STATION
1" = 2'

LEGEND:

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- 1/2" DIA CAPPED IRON ROD (ILLEGIBLE)
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Revision

Date:	No.	Description:

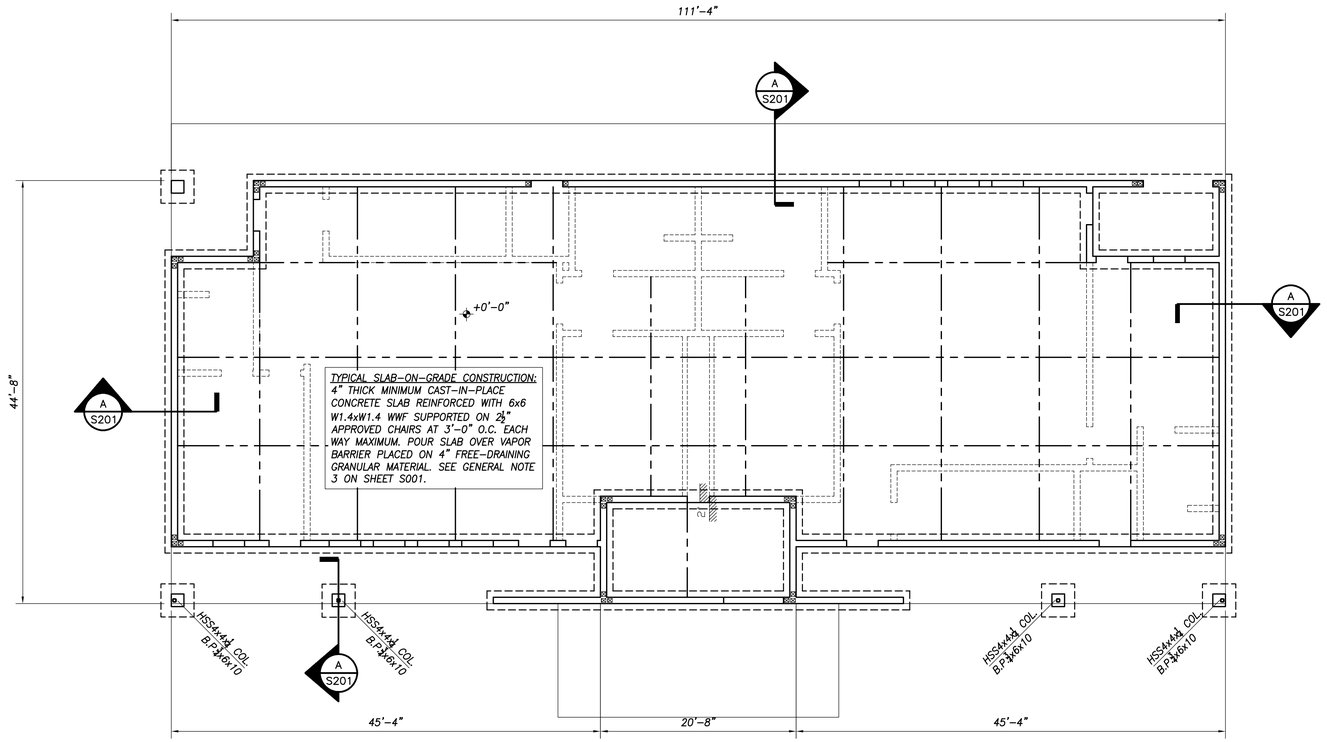
Drawn By: JDG
Checked By: DPJj

Date: 03-02-2020

Project No.: 07617-0014

Drawing Title:
SITE IMPROVEMENTS PLAN

Drawing No.: C103



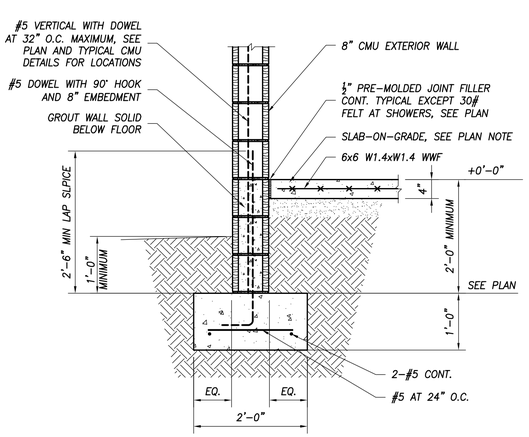
FOUNDATION PLAN

SCALE 1/8" = 1'-0"

FOUNDATION PLAN NOTES:

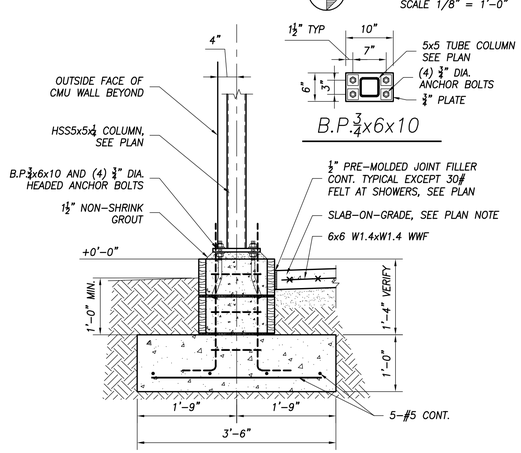
SEE SHEET S001 FOR GENERAL NOTES AND TYPICAL DETAILS.

- PILASTER, SEE TYPICAL DETAIL
- WALL CONTROL JOINT (W.C.J.) SEE TYPICAL DETAIL
- SLAB CONTROL JOINT (C.J.) SEE TYPICAL DETAIL
- CMU PARTITION WALL, SEE TYPICAL DETAIL
- −2'-0" TOP OF FOOTING (U.N.O.) SEE PLAN
- S.F. STEP FOOTING – SEE TYPICAL DETAIL
- FD FLOOR DRAIN – SEE ARCH. AND PLUMBING



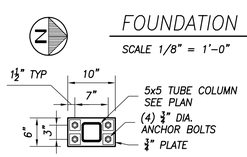
SECTION A S101

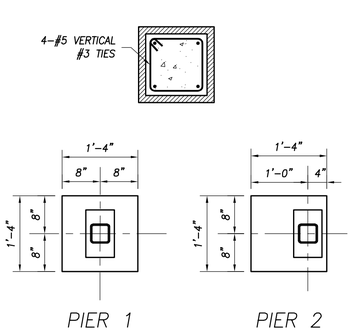
¾" = 1'-0"



SECTION B S101

¾" = 1'-0"





PIER DETAILS C S101

¾" = 1'-0"

Stephen W. Leonard, P.E.
Florida Lic. No. 60370

STRUCTURES
BERUBE LEONARD LLC
3101 NORTH 12TH AVE. PENSACOLA, FL 32503
850.473.9955 www.BLSE.net EST. 2003
FL 9468 | AL CA2463E | GA PEF005473 | MS E0143

DAG ARCHITECTS

PHASE II/PHASE III DOCUMENTS

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Revision

Date:	No.	Description:
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

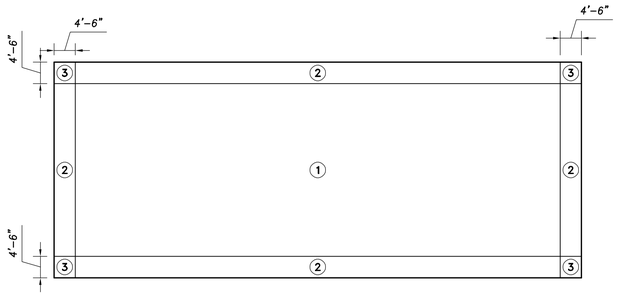
Drawn By: SWL
Checked By: BLSE

Date: 02-17-2020

Project No.: 19091

Drawing Title:
FOUNDATION PLAN

Drawing No.: S101



ROOF TRUSS NET UPLIFT MAP

SCALE 1/16" = 1'-0"

ROOF JOIST NET UPLIFT LOADS (PSF)					
EFFECTIVE WIND AREA OF ROOF COMPONENT	1	2	3	OVERHANGS 2	OVERHANGS 3
10 SQ FT	-24	-44	-69	N/A	N/A
20 SQ FT	-23	-39	-56	N/A	N/A
50 SQ FT	-23	-32	-39	N/A	N/A
100 SQ FT	-21	-27	-27	N/A	N/A

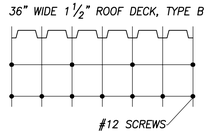
NET UPLIFT TABLE NOTES:

LINEAR INTERPOLATION FOR INTERMEDIATE VALUES OF EFFECTIVE AREAS IS ACCEPTABLE. OTHERWISE, USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.

NET UPLIFT LOADS ARE CALCULATED FROM ALLOWABLE STRESS DESIGN LOAD COMBINATION .6D+.6W WHERE .6D = 6 PSF.

UPLIFT ZONE	SUPPORT ATTACHMENT
1	36/4 PATTERN
2 3	36/7 PATTERN

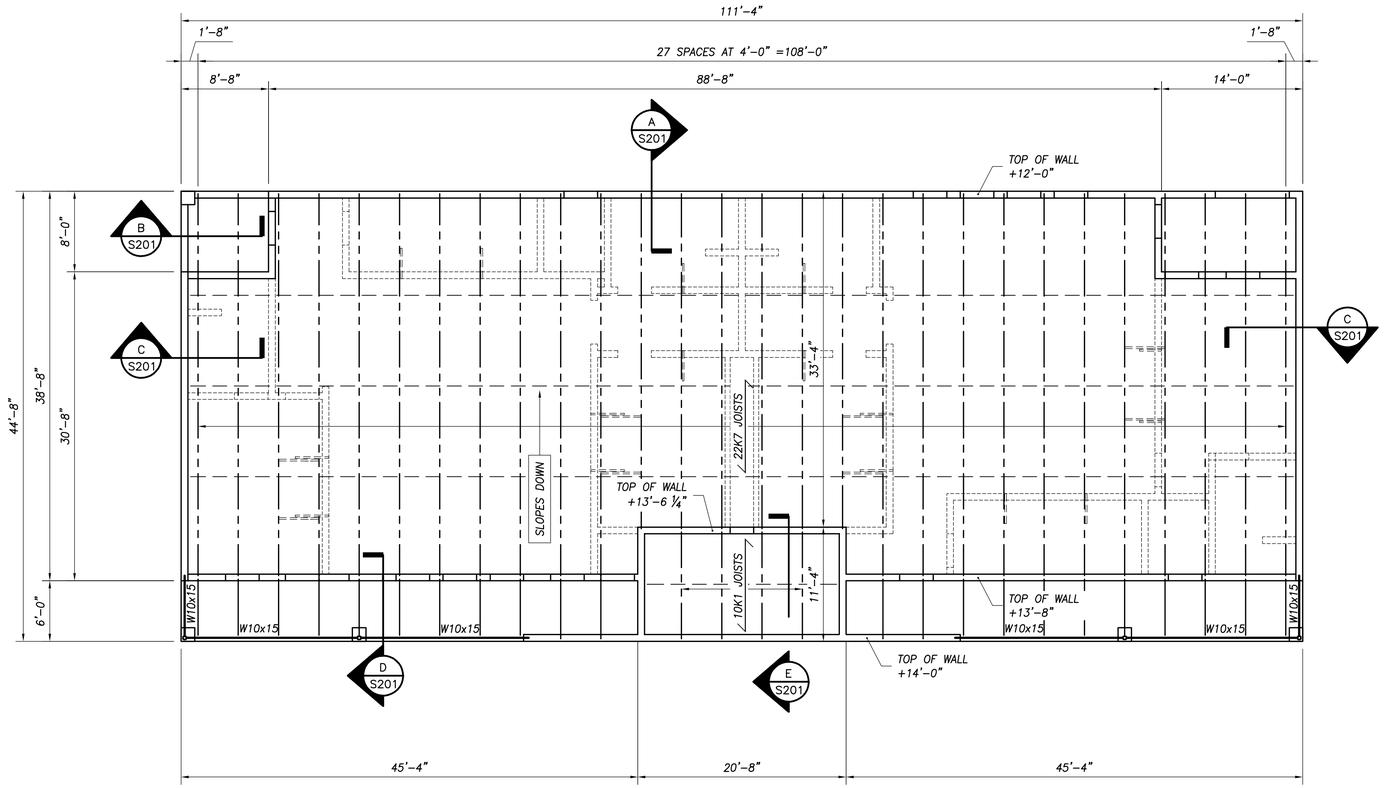
36" WIDE 1 1/2" ROOF DECK, TYPE B



ROOF DECK NOTES:

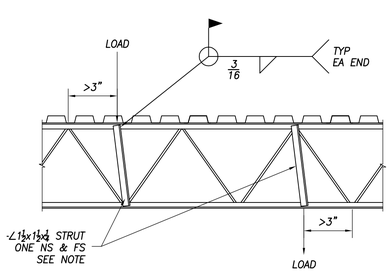
1. FASTEN DECK TO SUPPORTS WITH #12-14 SELF DRILLING SELF TAPPING SCREWS AT FASTENER PATTERN SHOWN ABOVE. FASTEN AT 6" O.C. ALL DIAPHRAGM BOUNDARIES; EAVES, RAKES & RIDGES.

2. PROVIDE #10-16 SCREW SIDE-LAP FASTENERS AT 12" O.C. MAX PER SPAN BETWEEN SUPPORTS.



ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"



NOTE: A STRUT IS REQUIRED IF ANY OF THE FOLLOWING CONDITIONS OCCUR WITHIN A SINGLE PANEL;

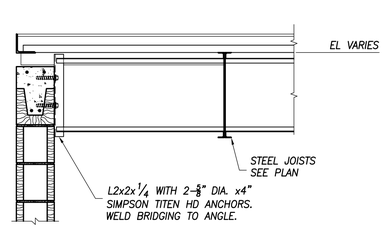
1. A SINGLE POINT LOAD GREATER THAN 100 LBS

2. THE SUM OF MULTIPLE POINT LOADS IS GREATER THAN 100 LBS

3. ANY POINT LOAD, REGARDLESS OF THE MAGNITUDE, THAT HAS NOT BEEN EVENLY DISTRIBUTED TO BOTH ANGLES OF THE SUPPORTING CHORD (E.G. A BEAM CLAMP ATTACHED TO ONE SIDE OF THE CHORD)

1 TYPICAL JOIST REINF. DETAIL

Scale: 3/4" = 1'-0"



2 TYPICAL JOIST BRIDGING ANCHORAGE DETAIL

Scale: 3/4" = 1'-0"

Stephen W. Leonard, P.E.
Florida Lic. No. 60370

STRUCTURES
BERUBE LEONARD LLC
3101 NORTH 12TH AVE. PENSACOLA, FL 32503
850.473.9955 www.BLSE.net EST. 2003
FL 9468 | AL OA2463E | GA PE7005473 | MS 031413

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Drawn By: SWL
Checked By: BLSE

Date: 02-17-2020

Project No.: 19091

Drawing Title:

ROOF FRAMING PLAN

Drawing No.: S102

A1 ARCHITECTURAL SITE PLAN- OVERALL

SCALE: 1"=70'-0"

NORTH

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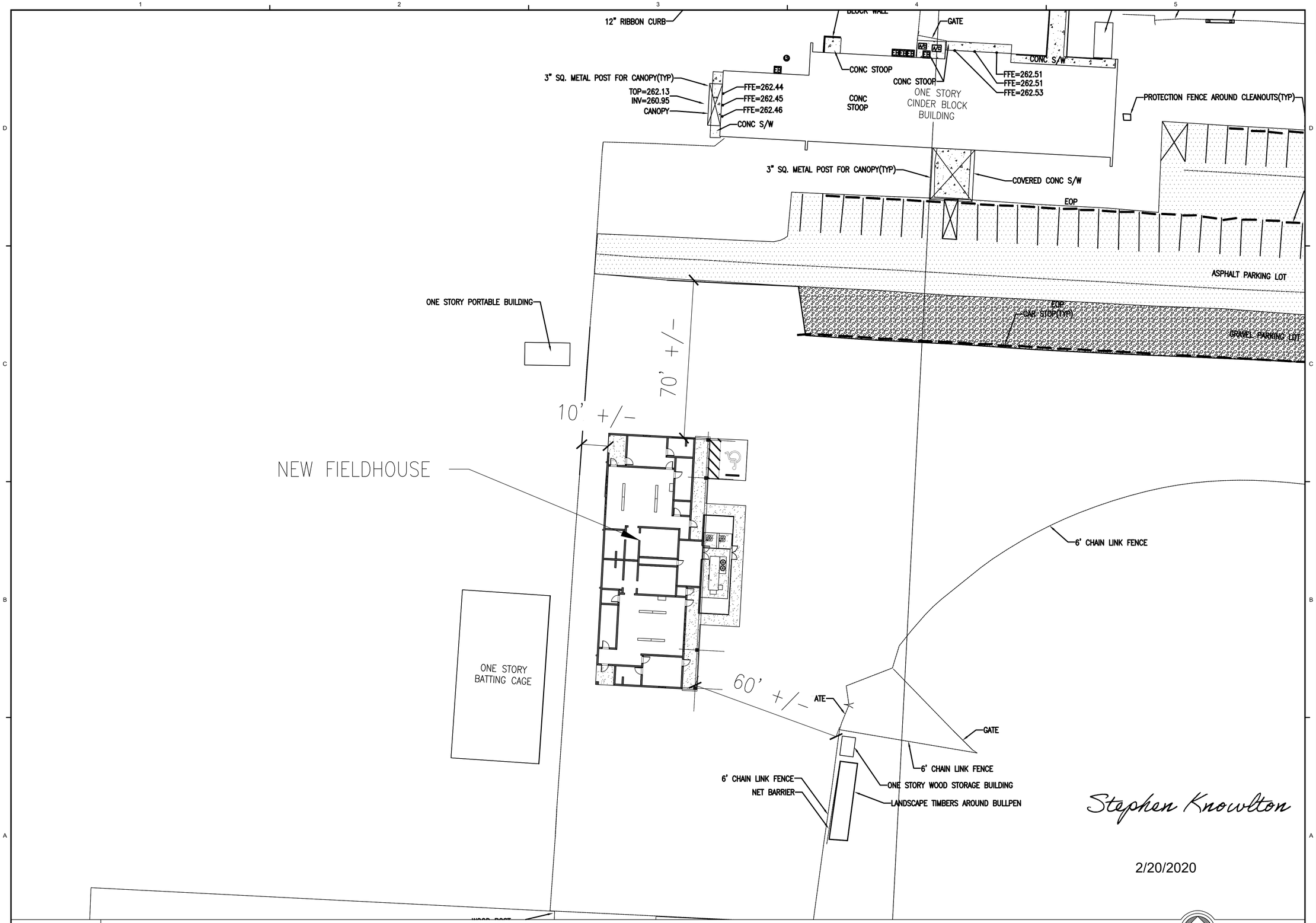
Drawn By: DAG
Checked By: DAG

Date: 02-17-2020

Project No.: 19091

Drawing Title:
ARCHITECTURAL
SITE PLAN &
CONSTRUCTION ACCESS

Drawing No.: A100A



A1 ARCHITECTURAL SITE PLAN

SCALE: 1"=20'-0"

DAG

ARCHITECTS

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Drawn By: DAG
Checked By: DAG

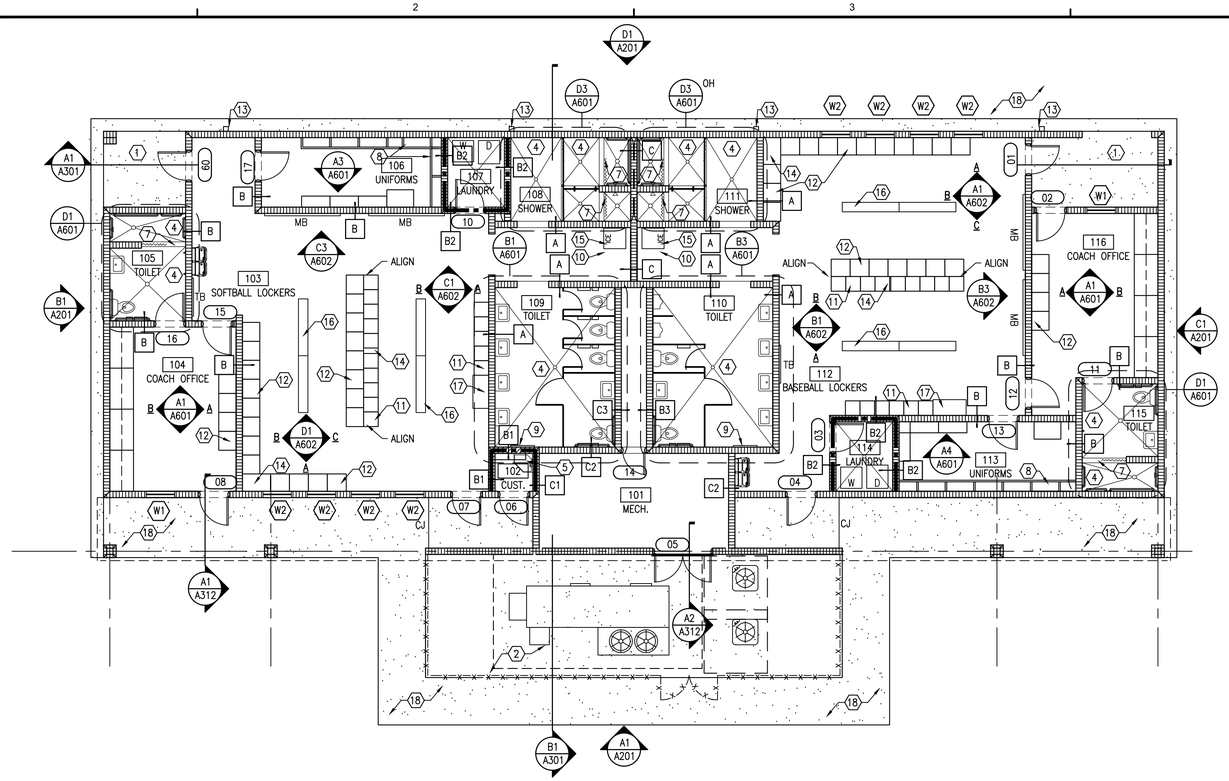
Date: 02-17-2020

Project No.: 19091

Drawing Title:

ARCHITECTURAL
SITE PLAN &
CONSTRUCTION ACCESS

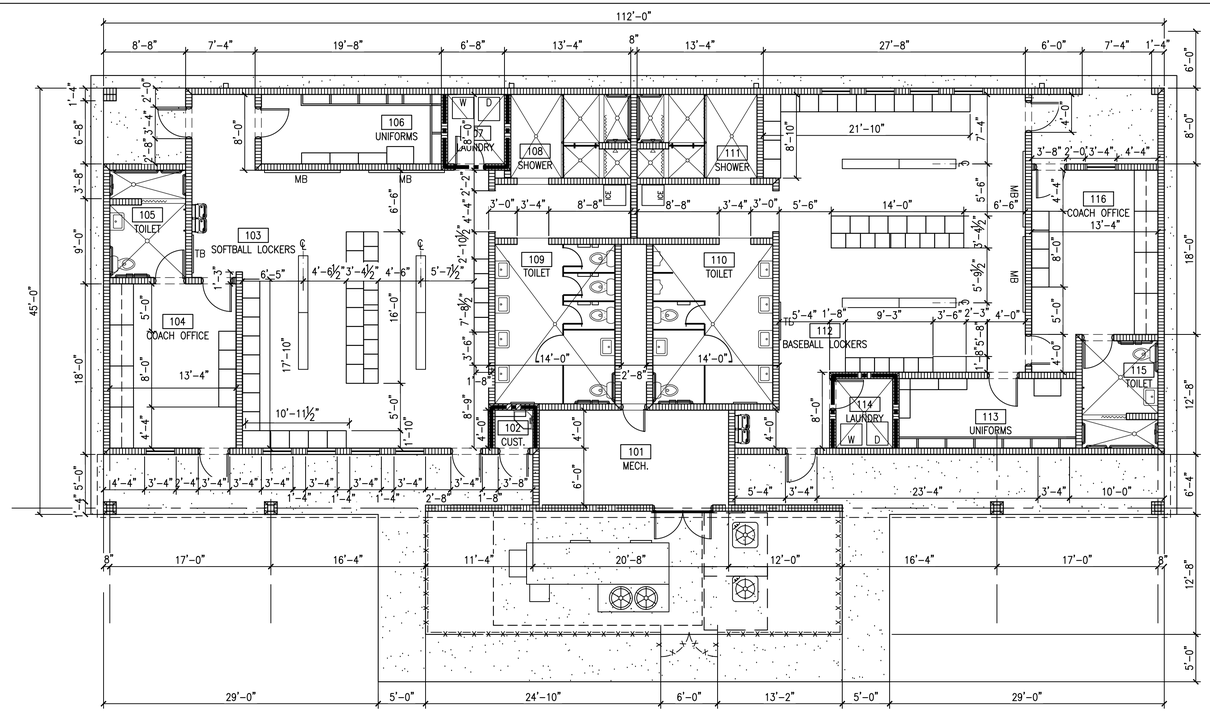
Drawing No.: A100B



B1 FLOOR PLAN

SCALE: 1/8"=1'-0"

NORTH



A1 DIMENSION PLAN

SCALE: 1/8"=1'-0"

NORTH

KEYNOTES:

1. CONCRETE LANDING, REFER TO CIVIL DRAWINGS FOR TYPICAL DETAIL. SLOPE TO DRAIN AWAY FROM BUILDING.
2. 4" THICK CONCRETE PAD WITH 8" x 8" TURN DOWN EDGE W/ 2–#5 CONT. 4' HIGH CHAIN LINK FENCE WITH 2–3' WIDE SWING GATES AROUND MECHANICAL YARD. SIDEWALK STEPS DOWN –2" AT MECH. YARDS.
3. FLOOR SLOPES TO FLOOR DRAIN. COORDINATE WITH EQUIPMENT PADS, SEE MECHANICAL. SLAB IS RECESSED 2" IN MECH. ROOMS. SEE STRUCTURAL.
4. FLOOR SLOPES TO FLOOR DRAIN, COORDINATE FLOORING THICKNESS WITH FLOOR DRAIN INSTALLATION, SEE DETAIL.
5. MOP SHELF, SEE TOILET ACCESSORY SCHEDULE, SHEET A601
6. METAL SHELVING UNIT, SEE SPECIFICATIONS
7. SHOWER ROD AND CURTAIN, TYP. SEE TOILET ACCESSORY SCHEDULE, SHEET A601
8. KNAPE & VOGT KV 1198 CLOSET ROD AND WIRE SHELF SYSTEM WITH BRUSHED NICKEL FINISH. PROVIDE 14" DEEP X ¾" A–B INTERIOR PLYWOOD SHELVING AND KV 750–5 1 $\frac{5}{8}$" HEAVY DUTY CLOSET ROD WITH CHROME FINISH – MIN. .075" WALL THICKNESS.
9. FULL LENGTH MIRROR, SEE TOILET ACCESSORY SCHEDULE, SHEET A601
10. OWNER PROVIDED EQUIPMENT
11. STANDARD 2 TIER PLASTIC LOCKERS, 72"H X 18"W X 18"D, SEE SPECIFICATIONS, ON 4" CONCRETE CURB. INSET CURB ½" AT FRONT AND SIDES OF LOCKERS, VERIFY DIMENSIONS WITH LOCKER MANUFACTURER
12. FULL HEIGHT ATHLETIC LOCKERS 72"H X 24"W X 24"D, SEE SPECIFICATIONS, ON 4" CONCRETE CURB. INSET CURB ½" AT FRONT AND SIDES OF LOCKERS, VERIFY DIMENSIONS WITH LOCKER MANUFACTURER
13. DOWNSPOUT, TYP. OF 3, SEE ROOF PLAN AND DETAILS
14. FILLER PANEL
15. ICE MACHINE, CONTRACTOR FURNISHED, SEE MEP AND SPECIFICATIONS
16. BENCH 72" X 9 1/2", SEE SPECIFICATIONS
17. ADA BENCH 42" X 20", SEE SPECIFICATIONS
18. 4" THICK CONCRETE SIDEWALK WITH TURN DOWN EDGE

WALL / PARTITION NOTES

1. SEAL WALL JOINTS AND AT THE ROOF DECK TO ENSURE ACOUSTICAL INTEGRITY (ALL WALLS) AND FIRE RATING (WHERE REQUIRED).
2. BRACE ALL CMU WALLS THAT TERMINATE AT 9'–4" A.F.F. AS INDICATED ON STRUCTURAL DRAWINGS.
3. STENCIL ABOVE CEILING ON BOTH SIDES OF ALL FIRE RATED WALLS 3" HIGH LETTERING TO READ "FIRE BARRIER– PROTECT ALL OPENINGS".

SYMBOL LEGEND

1 HOUR RATED FIRE BARRIER WALL

8" CMU WALLS, SEE WALL TYPES SHEET A310 AND SECTIONS FOR MORE INFORMATION

FEC — FIRE EXTINGUISHER AND CABINET

TB — TACK BOARD, 4' H, SEE FINISH PLAN FOR WIDTH, SEE INTERIOR ELEVATIONS AND SPECS

MB — MARKER BOARD, 4' H, SEE FINISH PLAN FOR WIDTH SEE INTERIOR ELEVATIONS AND SPECS

CJ — CONCRETE CONTROL JOINT, SEE STRUCTURAL FOR ADDITIONAL LOCATIONS

GENERAL NOTES

1. DIMENSIONS TO LOCKER FACES ARE NOMINAL. VERIFY ACTUAL DIMENSIONS WITH LOCKER MANUFACTURER. INSET CONCRETE CURB ½" AT LOCKER FACES AND EXPOSED SIDES.
2. ALL DOOR CLOSERS TO BE SET FOR 180 DEGREE OPENING.

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Drawn By: DAG
Checked By: DAG

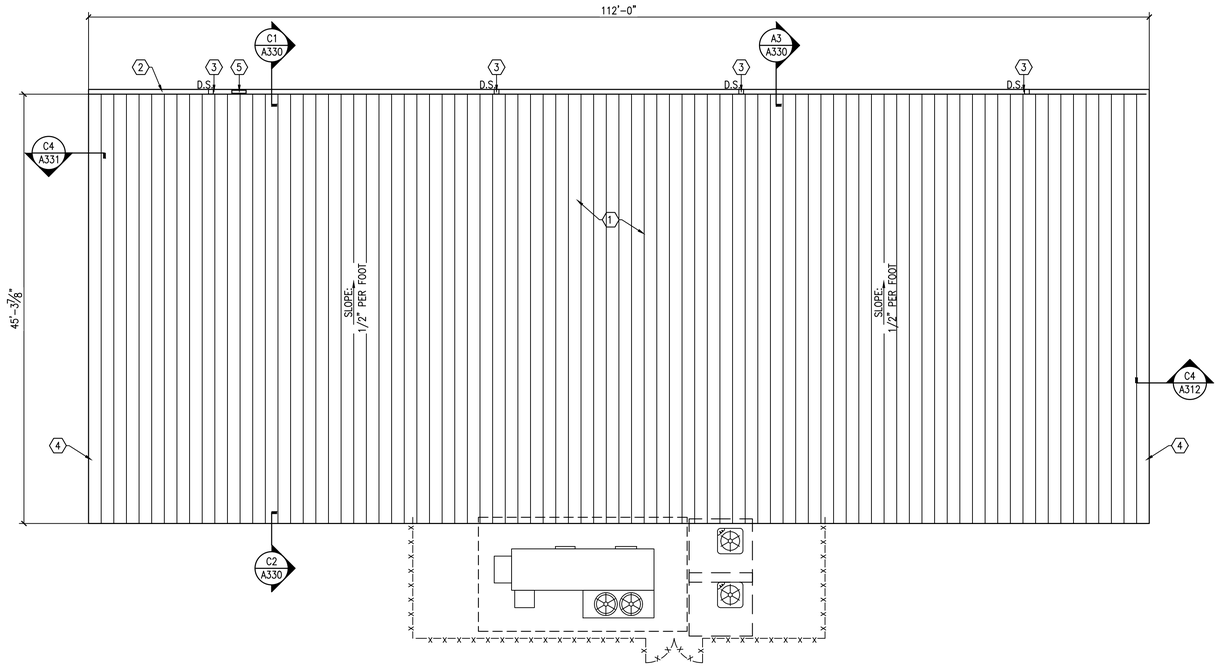
Date: 02-17-2020

Project No.: 19091

Drawing Title:

FLOOR PLAN AND DIMENSION PLAN

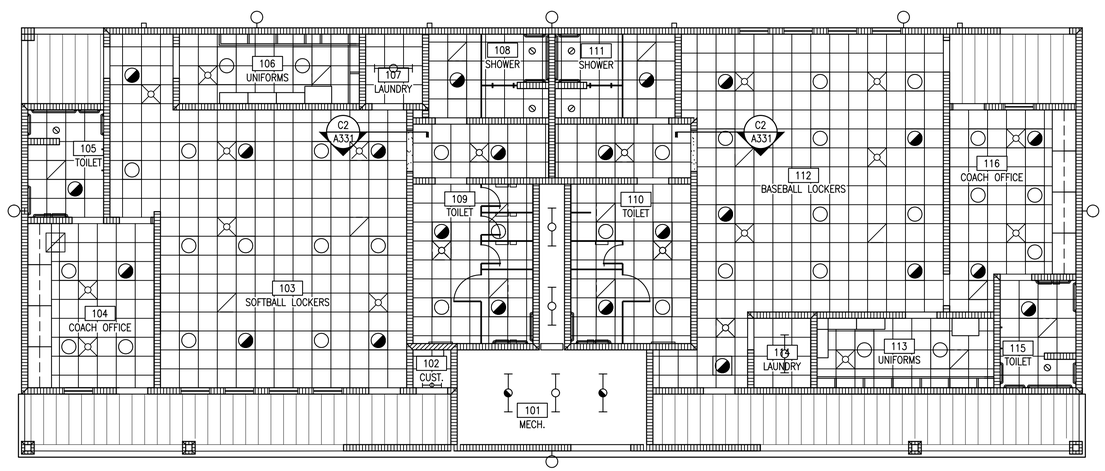
Drawing No.: A101



B1 ROOF PLAN

SCALE: 1/8"=1'-0"

NORTH



A1 REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0"

NORTH

KEYNOTES:

1. PREFINISHED STANDING SEAM METAL ROOF PANELS
2. PREFINISHED CONT. METAL GUTTER.
3. PREFINISHED DOWNSPOUTS WITH CAST IRON DOWNSPOUT BOOTS, TIE INTO UNDER DRAIN SYSTEM, SEE CIVIL
4. PREFINISHED METAL RAKE TRIM
5. PROVIDE LADDER DOCK, CONFIRM LOCATION WITH OWNER.
6. VENT THROUGH ROOF, FLASH AND SEAL PER ROOFING MANUFACTURER'S STANDARD DETAILS, SEE PLUMBING FOR ADDITIONAL LOCATIONS AND MORE INFORMATION LOCATE BETWEEN RIBS

GENERAL NOTES:

1. ROOFING PANELS AND ACCESSORIES BY BY METAL BUILDING MANUFACTURER.

2. PROVIDE CRICKETS AT VENTS, AND MANUFACTURER'S STANDARD FLASHING AND TRIM AS REQUIRED FOR ROOF PENETRATIONS, FANS, ETC. SEE MEP SHEETS FOR LOCATIONS.

3. PROVIDE ROOF INSULATION ASSEMBLY R-VALUE: R-25 MIN. (APPROX. 4.5")

4. FOR GUTTER AND DOWNSPOUTS SIZING SEE SPECIFICATIONS. MIN. NUMBER AND SIZE SHOWN. DOWNSPOUTS TO CONNECT TO CAST IRON DOWNSPOUT BOOTS AND UNDER DRAIN SYSTEM.

DOWNSPOUT CALCULATIONS:
AREA OF ROOF WITH GUTTERS : 4973 SF = 716,112 SQ.IN.
100 YR HOURLY RAINFALL RATE = 4.5"
4.5" X 716,112 = 3,222,504 CUBIC INCHES DIVIDED BY 231 = 13,951
231 CUBIC INCHES = 1 GALLON
13,951 GALLONS PER HOUR DIVIDED BY 60 = 233 GPM

GUTTER CAPACITY PER TABLE 1106.6:
4.5" X 6" GUTTER @ 1/4"/SF=494 GMP CAPACITY
GUTTER DEPTH/WIDTH PROVIDED : 6"X6"

DOWNSPOUT CAPACITY PER TABLE 1106.3:
6"X6" DOWNSPOUTS : 563 GPM
4 DS PROVIDED, 58.25 ACTUAL MAX GPM (1243 SF) PER DS

GUTTERS AND DOWNSPOUTS EXCEED REQUIREMENTS

SYMBOL LEGEND

- EXPOSED STRUCTURE (NO CEILING) WALLS TO EXTEND TO UNDERSIDE OF STRUCTURE
- SUSPENDED ACOUSTICAL CEILING TILE
- GYPSUM BOARD CEILING OR SOFFIT
- METAL SOFFIT PANELS
- HVAC RETURN AIR GRILLE– REFER TO MECHANICAL DWGS
- LIGHT FIXTURES, SEE ELECTRICAL DWGS
- WALL MOUNTED FIXTURE– REFER TO ELECTRICAL DWGS
- HVAC SUPPLY DIFFUSER OR GRILL– REFER TO MECHANICAL DWGS

GENERAL NOTES (REFLECTED CEILING):

1. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
2. REFER TO ELECTRICAL DOCUMENTS FOR SPECIFIC FIXTURE TYPES.
3. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

DAG
ARCHITECTS

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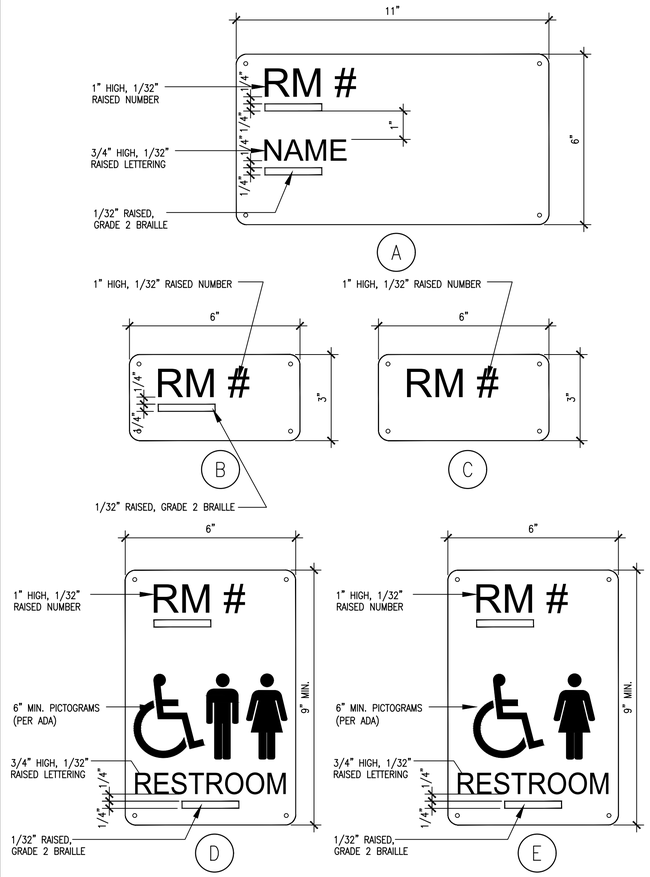
Drawn By: DAG
Checked By: DAG

Date: 02-17-2020

Project No.: 19091

Drawing Title:
REFLECTED CEILING PLAN AND ROOF PLAN

Drawing No.: A101.1



B1 SIGNAGE ELEVATIONS

N.T.S.

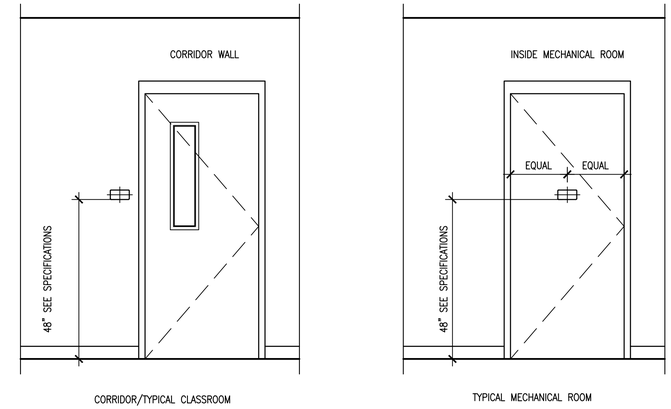
ARCH. PLAN NO.	ARCH. PLAN NAME	SIGN TYPE	QTY	SIGN COPY NUMBER	SIGN COPY NAME
101	MECHANICAL	C	1	101	-
102	CUSTODIAL	A	1	102	CUSTODIAL
103	SOFTBALL LOCKERS	A	2	103	WOMENS LOCKERS
104	COACH LOCKERS/OFFICE	B	2	104	-
105	TOILET	D	1	105	RESTROOM
106	UNIFORMS	B	1	106	-
107	OUTDOOR STORAGE	B	1	107	-
108	SHOWER	E	1	108	WOMENS SHOWER
109	TOILET	E	1	109	WOMENS RESTROOM
110	TOILET	E	1	110	MENS RESTROOM
111	SHOWER	E	1	111	MENS SHOWER
112	BASEBALL LOCKERS	A	2	112	MENS LOCKERS
113	UNIFORMS	B	1	113	-
114	OUTDOOR STORAGE	B	1	114	-
115	TOILET	D	1	115	RESTROOM
116	COACH LOCKERS/OFFICE	B	2	116	-

GENERAL NOTES

1. ALL BRAILLE TO BE 1/4" HIGH & 1/32" RAISED.
2. ALL LETTERING TO BE 3/4" HIGH & 1/32" RAISED.
3. ALL NUMBERS TO BE 1" HIGH & 1/32" RAISED.
4. SEE SHEET A101 FOR FINISH SCHEDULE.

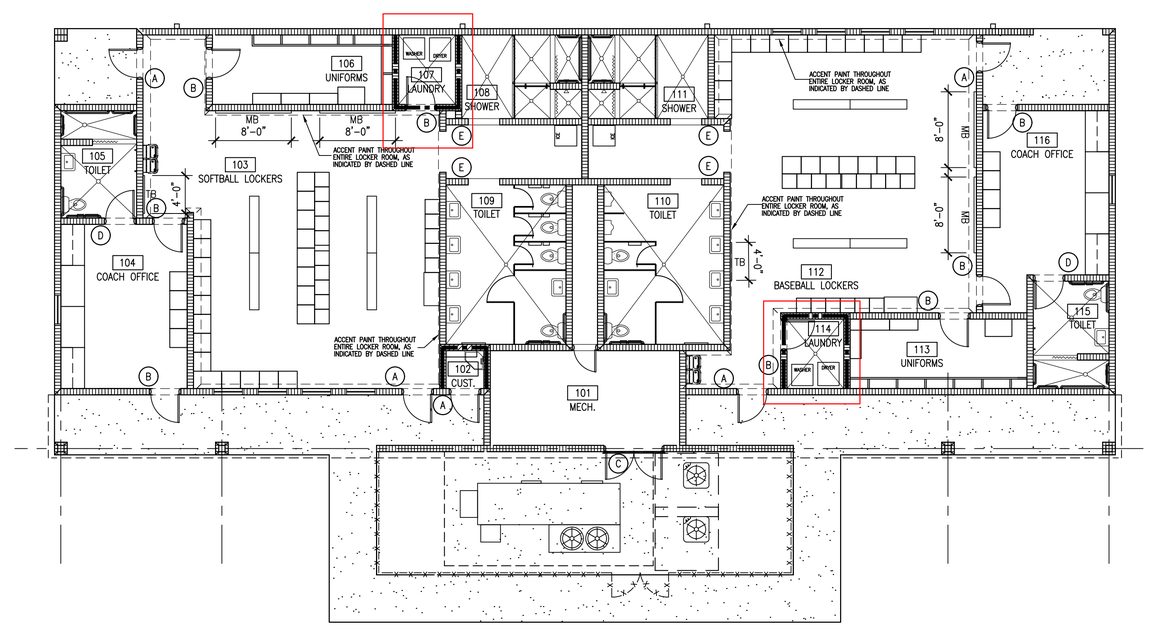
D2 SIGNAGE SCHEDULE

N.T.S.



D4 SIGN LOCATIONS

N.T.S.



Stephen Knowlton Feb 19, 2020

Stephen Knowlton
Sign-off Approval

Date

A1 FINISH PLAN

SCALE: 1/8"=1'-0"

NORTH

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Drawn By: DAG
Checked By: DAG

Date: 02-17-2020

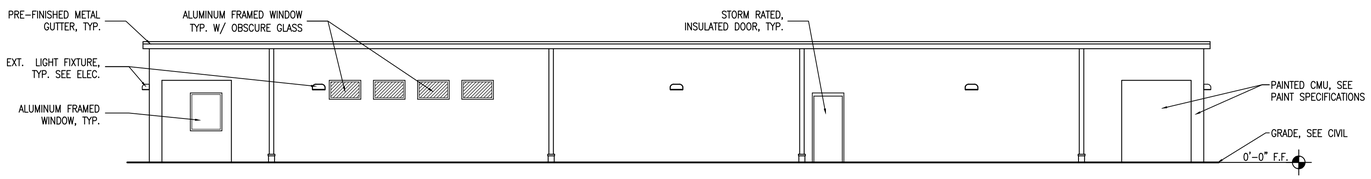
Project No.: 19091

Drawing Title:

FINISH AND SIGNAGE FLOOR PLAN

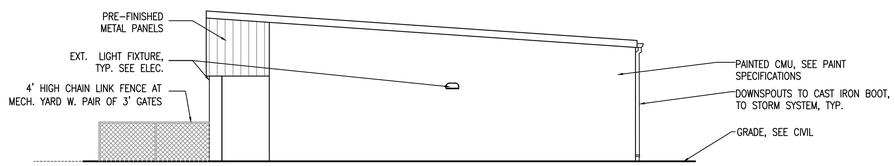
Drawing No.: A101.2

NOTES:
1. SEE SPECIFICATIONS FOR GUTTER & DOWNSPOUT REQUIREMENTS. PROVIDE ALL TRIM AND ACCESSORIES FOR A COMPLETE SYSTEM. SEE SPECIFICATION SECTION 07717 FOR REQUIREMENTS.
2. EXTERIOR WALL PAINT TO EXTEND 12" BELOW FINISH FLOOR OR GRADE, WHICHEVER IS MOST STRINGENT.



D1 WEST ELEVATION

SCALE: 1/8"=1'-0"

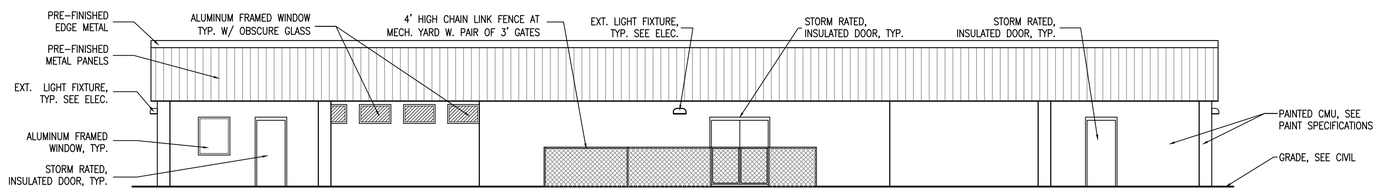


C1 NORTH ELEVATION

SCALE: 1/8"=1'-0"

B1 SOUTH ELEVATION

SCALE: 1/8"=1'-0"



A1 EAST ELEVATION

SCALE: 1/8"=1'-0"

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Drawn By: DAG
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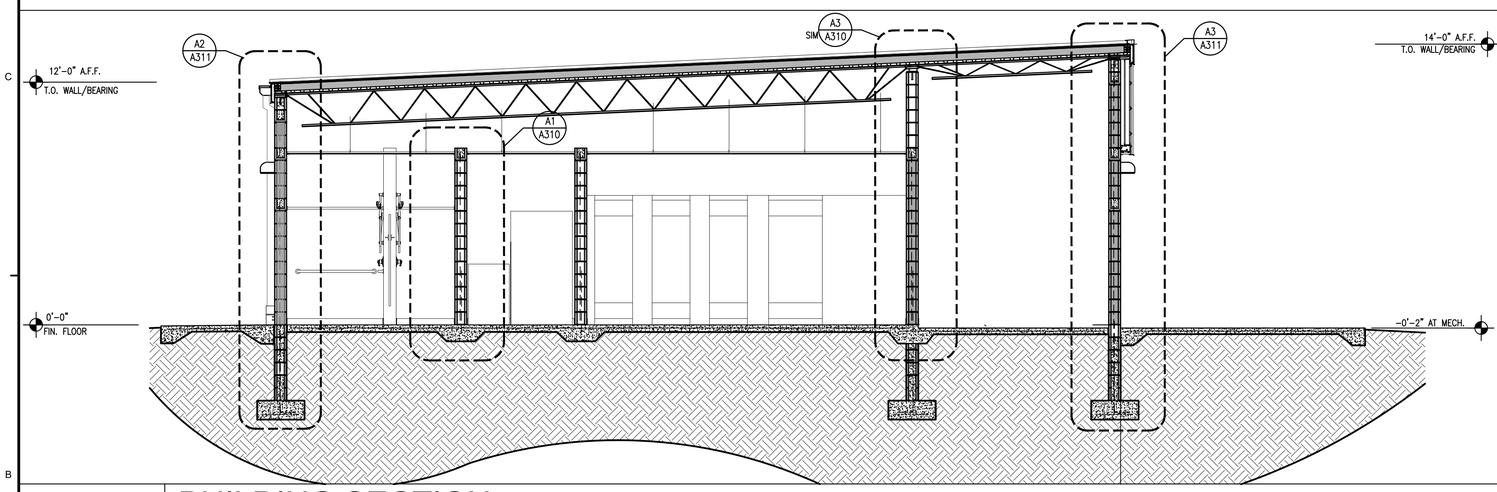
Date: 02-17-2020

Project No.: 19091

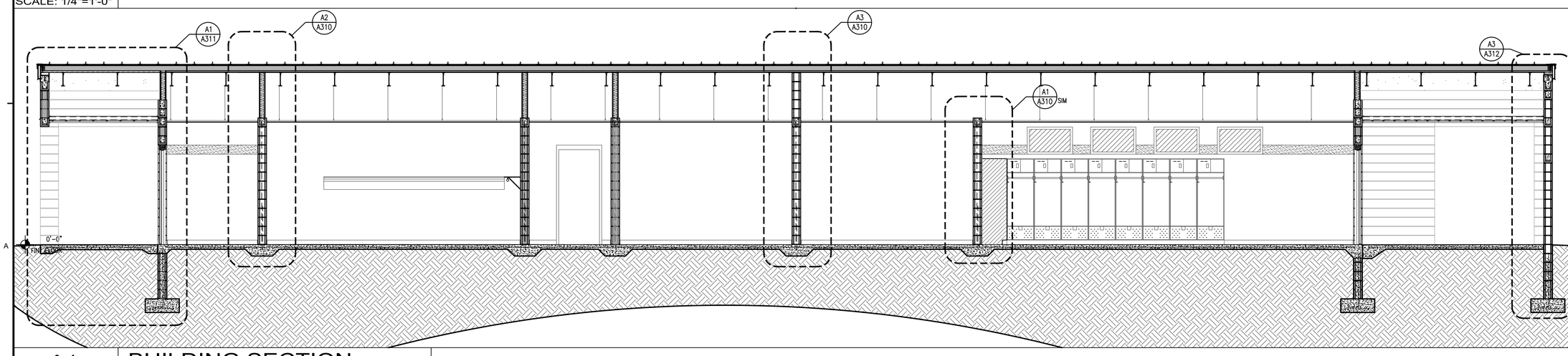
Drawing Title:
EXTERIOR ELEVATIONS

Drawing No.: A201



B1 BUILDING SECTION

SCALE: 1/4"=1'-0"



A1 BUILDING SECTION

SCALE: 1/4"=1'-0"

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Drawn By: DAG
Checked By: DAG

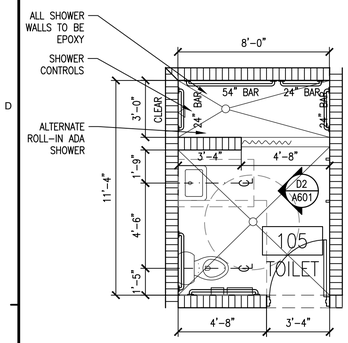
Date: 02-17-2020

Project No.: 19091

Drawing Title:

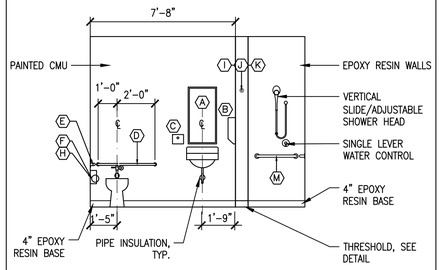
BUILDING SECTIONS
STAIR & RAMP SECTIONS

Drawing No.: A301



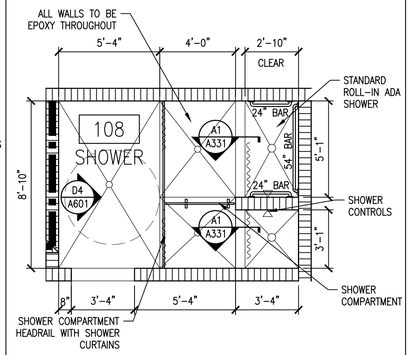
D1 FLOOR PLAN

SCALE: 1/4"=1'-0" TOILET #105



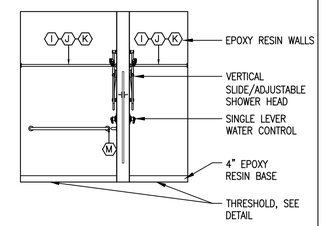
D2 INT. ELEV.

SCALE: 1/4"=1'-0" TOILET #105



D3 FLOOR PLAN

SCALE: 1/4"=1'-0" SHOWER #108



D4 INT. ELEV.

SCALE: 1/4"=1'-0" SHOWER #108

GENERAL NOTES

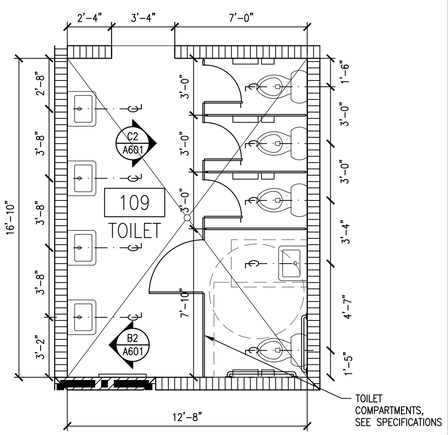
1. INSTALL FLOORING AND BASE PRIOR TO CABINET/LOCKER INSTALLATION, TYP.
2. INSET CONCRETE CURB ½" AT FRONT AND SIDES OF LOCKERS, COORDINATE WITH LOCKER MANUFACTURER.
3. ALL CASEWORK SHALL BE CONSTRUCTED TO FIT THROUGH A 3'-0" DOOR AND HOLLOW METAL FRAME ASSEMBLY.

KEY	MANUFACTURER	ITEM #	DESCRIPTION	NOTES
A	BOBRICK	B-165 1830	MIRROR	INSTALLED BY CONTRACTOR
B	BY OWNER	---	PAPER TOWEL DISPENSER	INSTALLED BY OWNER
C	BY OWNER	---	SOAP DISPENSER	INSTALLED BY OWNER
D	BOBRICK	B-5806	36" HORIZONTAL GRAB BAR	INSTALLED BY CONTRACTOR
E	BOBRICK	B-5806	42" HORIZONTAL GRAB BAR	INSTALLED BY CONTRACTOR
F	BY OWNER	---	TOILET TISSUE DISPENSER	INSTALLED BY OWNER
G	BOBRICK	B-239 X 34	MOP SHELF	INSTALLED BY CONTRACTOR
H	BOBRICK	B-254	SANITARY NAPKIN DISPOSAL UNIT	INSTALLED BY CONTRACTOR
I	BOBRICK	B-6047	SHOWER CURTAIN ROD	INSTALLED BY CONTRACTOR, AS RECOMMENDED BY MANUFACTURER, VERIFY LENGTH IN FIELD
J	BOBRICK	B-204	SHOWER CURTAIN	INSTALLED BY CONTRACTOR, VERIFY LENGTH & WIDTH IN FIELD
K	BOBRICK	B-204-1	SHOWER CURTAIN HOOKS	INSTALLED BY CONTRACTOR, AS RECOMMENDED BY MANUFACTURER
L	BOBRICK	B-671	ROBE/TOWEL HOOK	INSTALLED BY CONTRACTOR
M	BOBRICK	B-5806	HORIZONTAL GRAB BAR (SHOWER)	INSTALLED BY CONTRACTOR, REFER TO DRAWINGS FOR LENGTH
N	BOBRICK	B-165 3060	MIRROR (FULL LENGTH)	INSTALLED BY CONTRACTOR, MOUNT 12" A.F.F.

GENERAL NOTES: 1. REFER TO SHEET A010 FOR STANDARD MOUNTING HEIGHTS
2. ALL ITEMS PROVIDED AND INSTALLED BY CONTRACTOR, UNLESS NOTED OTHERWISE.

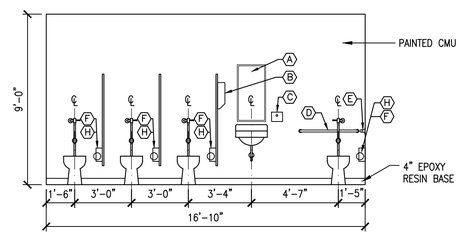
D5 TOIL. ACCESS. SCHED.

SCALE: N.T.S.



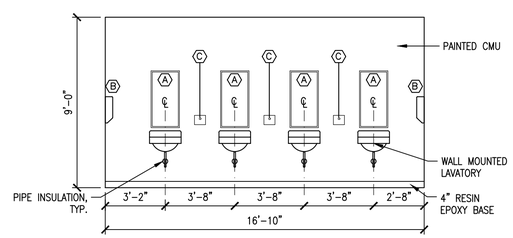
B1 FLOOR PLAN

SCALE: 1/4"=1'-0" TOILET #109



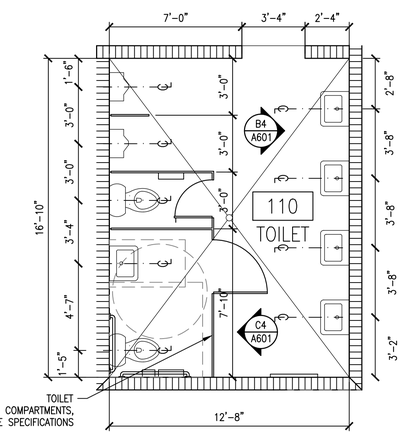
C2 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" TOILET #109



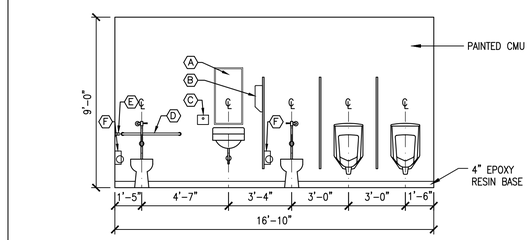
B2 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" TOILET #109



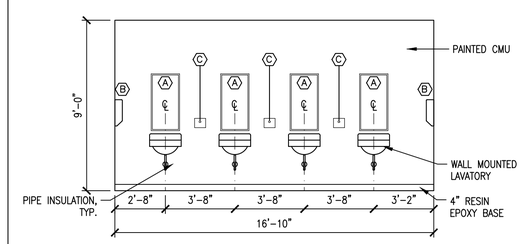
B3 FLOOR PLAN

SCALE: 1/4"=1'-0" SHOWER #110



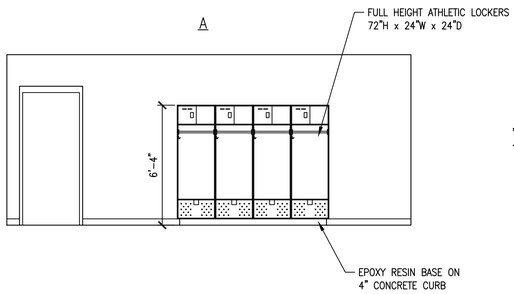
C4 INTERIOR ELEVATION

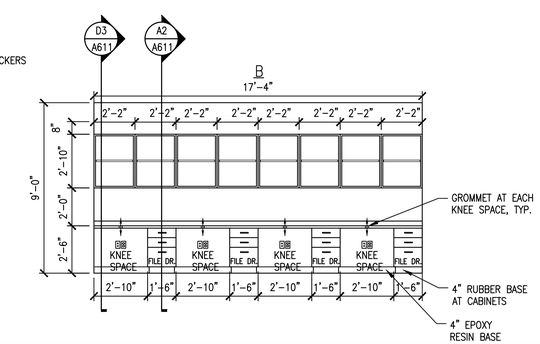
SCALE: 1/4"=1'-0" TOILET #110



B4 INTERIOR ELEVATION

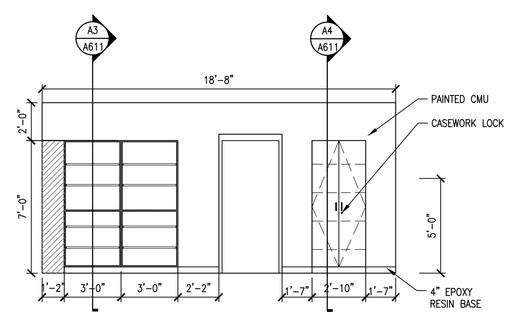
SCALE: 1/4"=1'-0" TOILET #110





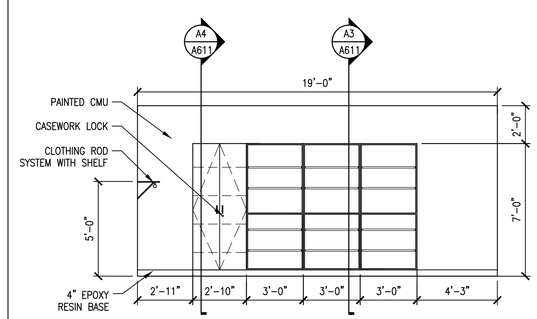
A1 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" COACH LOCKER/OFFICE #116



A3 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" UNIFORMS #106



A4 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" UNIFORMS #113

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Checked By: DAG

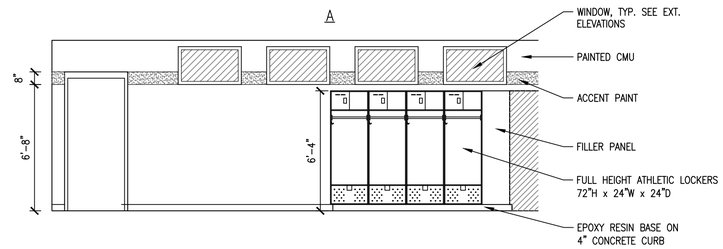
Date: 02-17-2020

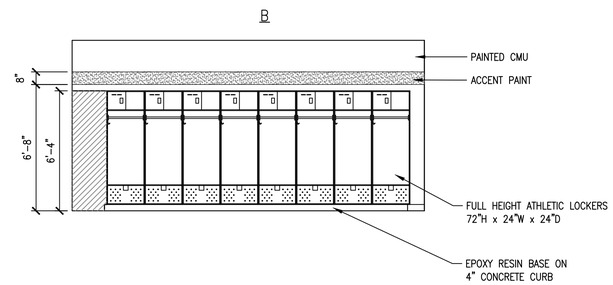
Project No.: 19091

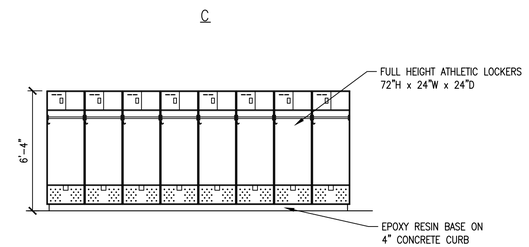
Drawing Title:

ENLARGED PLANS & INTERIOR ELEVATIONS

Drawing No.: A601

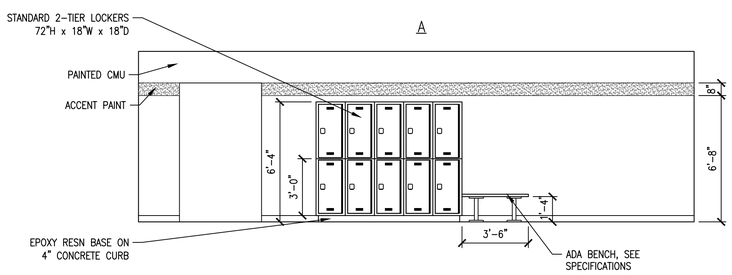


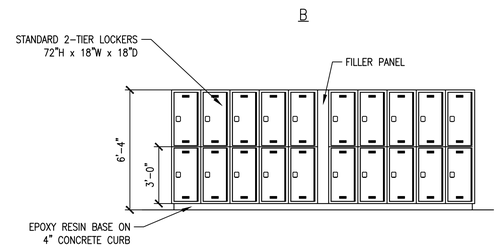




D1 INTERIOR ELEVATION

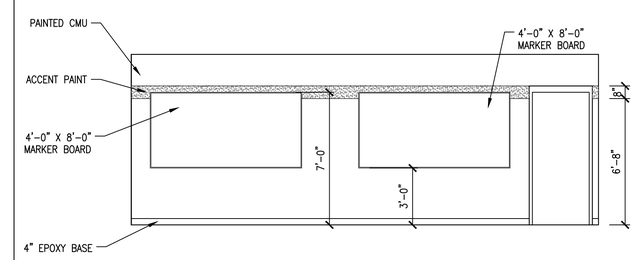
SCALE: 1/4"=1'-0" | VARSITY LOCKERS #103





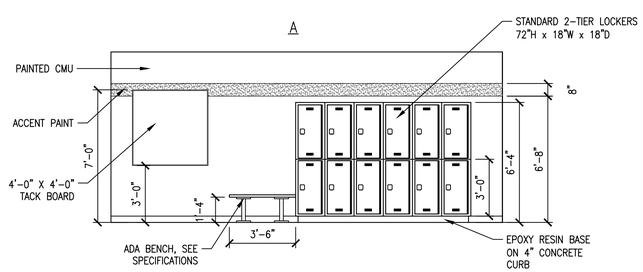
C1 INTERIOR ELEVATION

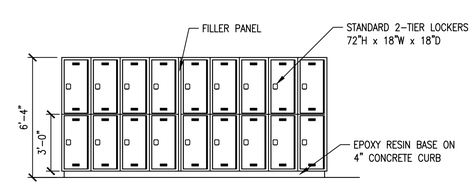
SCALE: 1/4"=1'-0" | JV LOCKERS #103



C3 INTERIOR ELEVATION

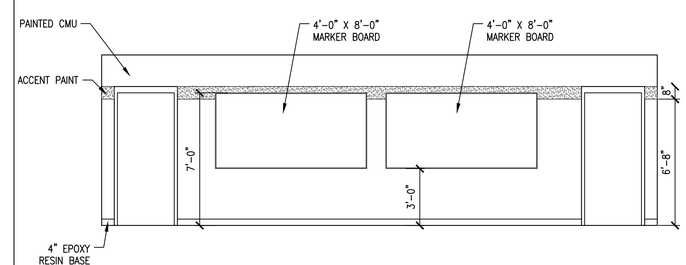
SCALE: 1/4"=1'-0" | SOFTBALL MARKER BOARDS #103





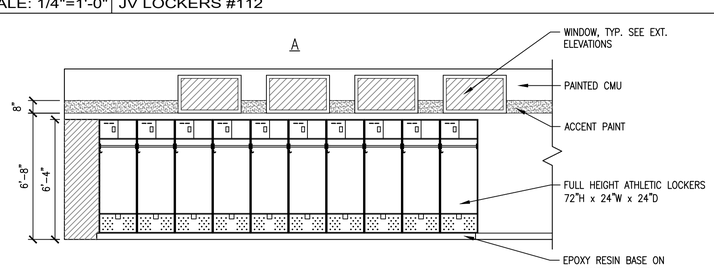
B1 INTERIOR ELEVATION

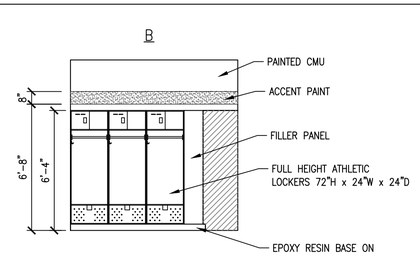
SCALE: 1/4"=1'-0" | JV LOCKERS #112

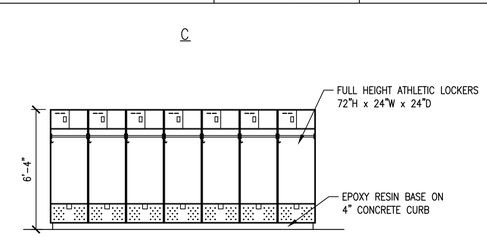


B3 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" | BASEBALL MARKER BOARDS #112







A1 INTERIOR ELEVATION

SCALE: 1/4"=1'-0" | VARSITY LOCKERS #112

GENERAL NOTES

1. INSTALL FLOORING AND BASE PRIOR TO CABINET/LOCKER INSTALLATION, TYP.
2. INSET CONCRETE CURB $\frac{1}{2}$" AT FRONT AND SIDES OF LOCKERS, COORDINATE WITH LOCKER MANUFACTURER.

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Drawn By: DAG
Checked By: DAG

Date: 02-17-2020

Project No.: 19091

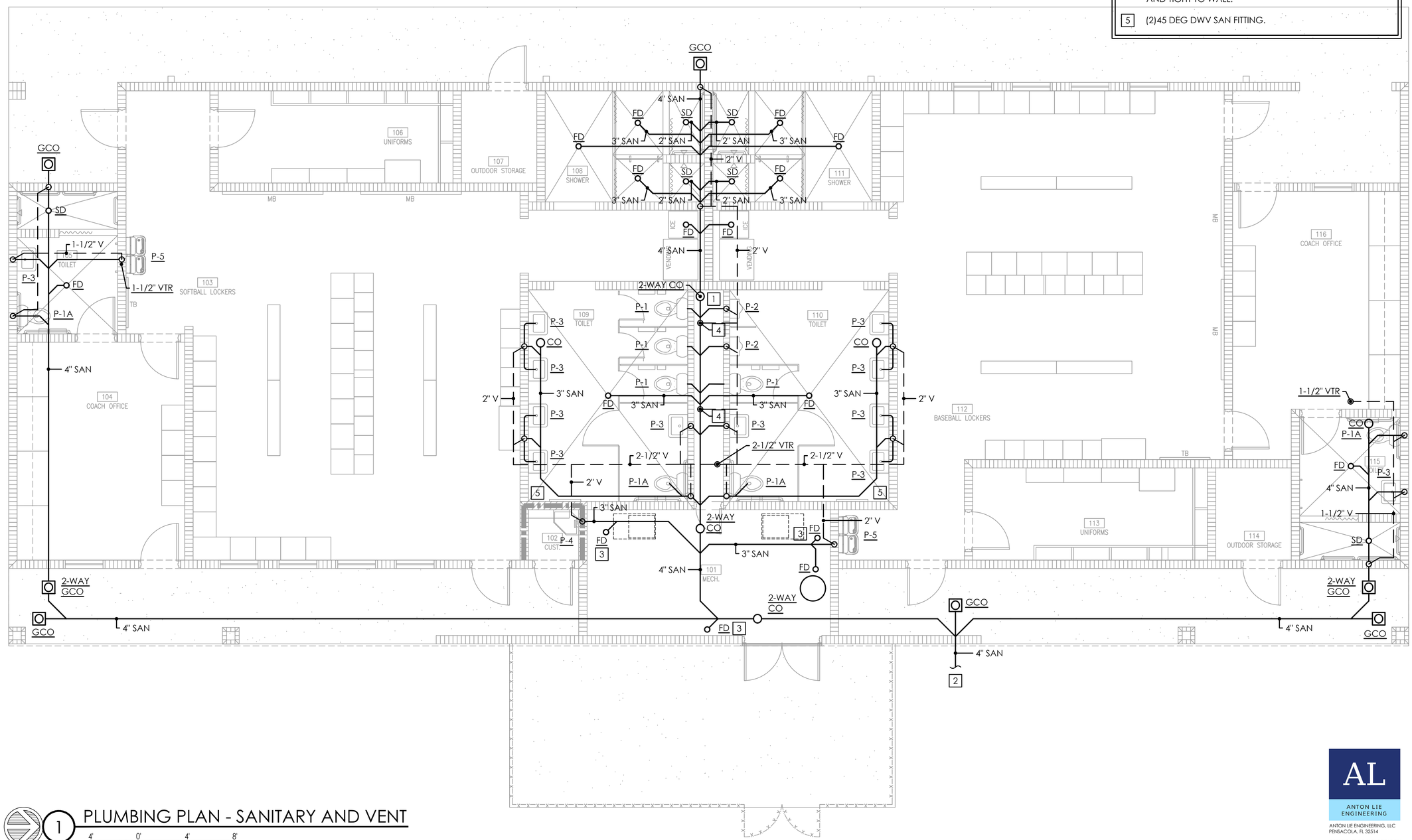
Drawing Title:

ENLARGED PLANS & INTERIOR ELEVATIONS

Drawing No.: A602

KEY NOTES

1. PROVIDE MIN. 2'-4" CLEAR ACCESS FOR MAINTENANCE
2. 4" SAN TO BE ROUTED TO GRINDER STATION. SEE CIVIL FOR CONTINUATION.
3. COORDINATE FINAL FLOOR DRAIN PLACEMENT LOCATION WITH MECHANICAL..
4. ROUTE 2" CIRCUIT VENT FROM 4" SAN BELOW GRADE. VENT PIPING SHALL BE INSTALLED VERTICALLY EXPOSED AND TIGHT TO WALL.
5. (2)45 DEG DWV SAN FITTING.



1 PLUMBING PLAN - SANITARY AND VENT

4' 0' 4' 8'
SCALE: 1/4"=1'-0"

AL
ANTON LIE ENGINEERING

ANTON LIE ENGINEERING, LLC
PENSACOLA, FL 32514

CERTIFICATE OF AUTHORIZATION:
FL 32794 | AL 5685-E

ANTON LIE, P.E.
FL PE# 82369 | AL PE# 37427-E
PROJECT NUMBER 20-101

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Drawn By: AL
Checked By: AL

Date: 02-17-2020

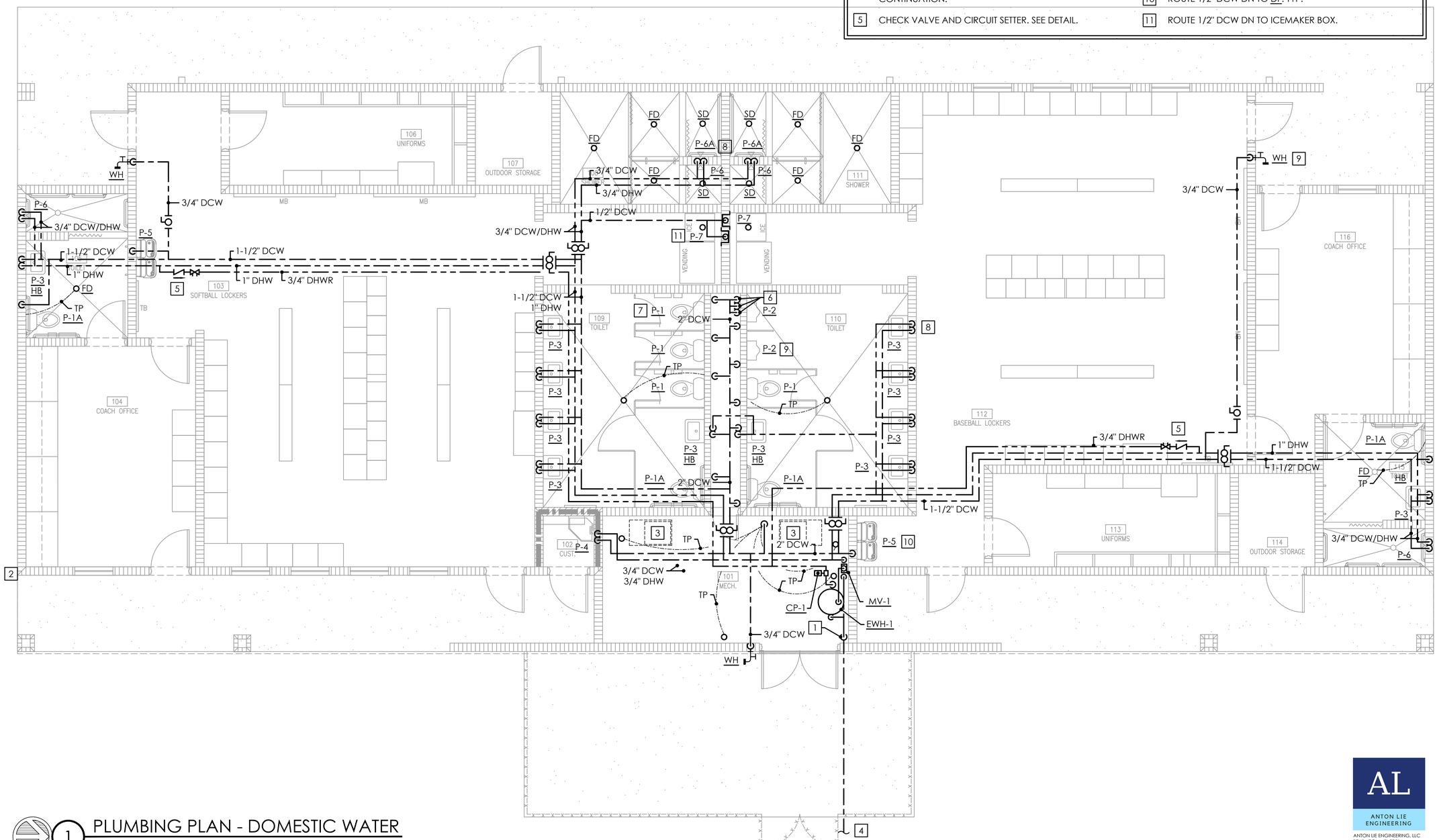
Project No.: 19091

Drawing Title:
PLUMBING PLAN
SANITARY AND VENT

Drawing No.: P101

KEY NOTES

1. BUILDING DOMESTIC WATER ISOLATION VALVE. INSTALL AT APPROX. 36" AFF INSIDE MECHANICAL ROOM.
2. ROUTE 3/4" TO TRAP PRIMER DISTRIBUTION UNIT INSIDE MECHANICAL ROOM.
3. MECHANICAL HVAC EQUIPMENT. SHOWN FOR REFERENCE ONLY.
4. 2" DOMESTIC WATER CONNECTION. SEE CIVIL FOR CONTINUATION.
5. CHECK VALVE AND CIRCUIT SETTER. SEE DETAIL.
6. ROUTE TO MULTIPLE TRAP PRIMER DISTRIBUTION UNITS FOR FLOOR DRAINS AND SHOWER DRAINS LOCATED AT RM. 103, RM. 111 AND BELOW ICE MAKER MACHINE.
7. ROUTE 1" DCW DN TO WC. TYP.
8. ROUTE 3/4" DCW/DHW DN TO LAV OR SH. TYP.
9. ROUTE 3/4" DCW DN TO WH OR UR. TYP.
10. ROUTE 1/2" DCW DN TO DF. TYP.
11. ROUTE 1/2" DCW DN TO ICEMAKER BOX.



1 PLUMBING PLAN - DOMESTIC WATER

4' 0' 4' 8'
SCALE: 1/4"=1'-0"

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ANTON LIE ENGINEERING, LLC
PENSACOLA, FL 32514
CERTIFICATE OF AUTHORIZATION:
FL 32794 | AL 5685-E
ANTON LIE, P.E.
FL PE# 82369 | AL PE# 37427-E
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Drawn By: AL
Checked By: AL

Date: 02-17-2020

Project No.: 19091

Drawing Title:
PLUMBING PLAN
DOMESTIC WATER

Drawing No.: P102

PROJECT BUILDING CODE REQUIREMENTS

WORK SHALL COMPLY WITH THE FOLLOWING AGENCIES:

- 2017 FLORIDA BUILDING CODE
- 2017 FLORIDA MECHANICAL CODE
- 2017 FLORIDA ENERGY CONSERVATION CODE
- 2017 FLORIDA PLUMBING CODE
- 2017 FLORIDA FIRE PREVENTION CODE
- 2014 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (SREF)
- AMERICAN SOCIETY OF HEATING AND REFRIGERATION ENGINEERS (ASHRAE)
- AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE)
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)
- NFPA 70 NATIONAL ELECTRICAL CODE
- NFPA 101 LIFE SAFETY CODE

VENTILATION CALCULATION

FMC 2017 - EXHAUST REQUIREMENTS:

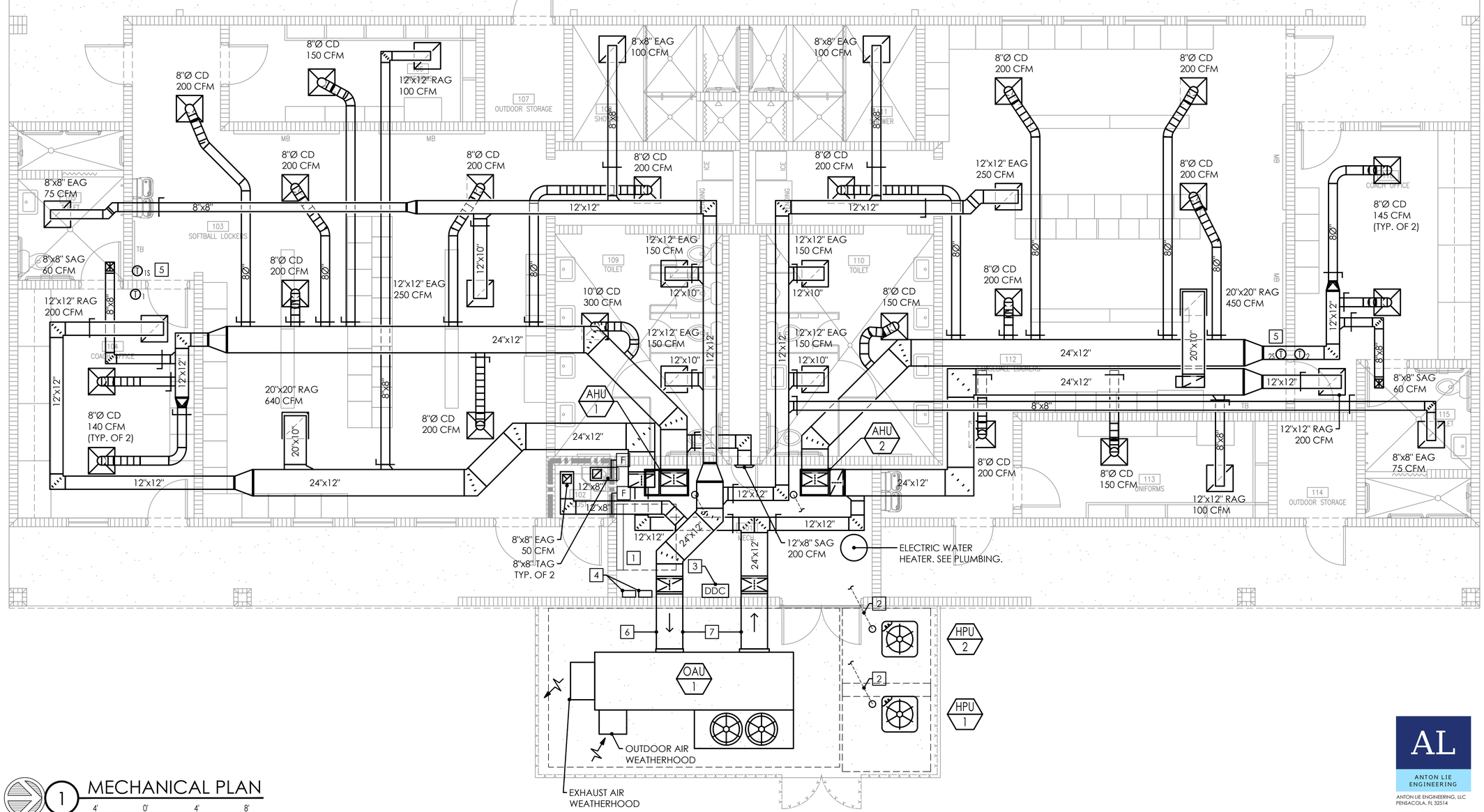
BASEBALL LOCKERS = 835 SF x 0.5 CFM/SF = 417.5 CFM
SOFTBALL LOCKERS = 895 SF x 0.5 CFM/SF = 447.5 CFM
TOILETS = 10 x 50 CFM/FIXT. = 500 CFM
SHOWER = 6 x 20 CFM/FIXT. = 120 CFM
TOTAL MIN. EXHAUST PER CODE =1,485 CFM

PROVIDED EXHAUST = 1,500 CFM
PROVIDED OUTSIDE AIR = 1,800 CFM

OVERALL BUILDING PRESSURIZATION = 300 CFM POSITIVE

KEY NOTES

1. DESIGNATED SPACE FOR ELECTRICAL/TELECOM EQUIPMENT. COORDINATE WITH OTHER TRADES FOR CLEARANCE AND ACCESS REQUIREMENTS.
2. BELOW GRADE REFRIGERANT LINES INSIDE 4" PVC CHASE. SEE DETAIL.
3. DDC PANEL & SCREEN LOCATION. COORDINATE POWER WITH ELECTRICAL. COORDINATE IP DROP LOCATION WITH SCHOOL DISTRICT IT DEPT. MOUNT AT 48" AFF.
4. REMOTE DISPLAY FOR AIRFLOW MEASURING STATIONS. MOUNT AT 48" AFF.
5. T-1S AND T-2S ARE REMOTE TEMPERATURE AND HUMIDITY SENSOR FOR AHU-1 AND AHU-2, RESPECTIVELY.
6. PROVIDE PRE-FABRICATED CROSS OVER STEPS AND PLATFORM ABOVE EXTERIOR DUCTWORK FOR OAU-1 MAINTENANCE.
7. OUTDOOR DUCT EQUAL TO PTM DUAL-TECH OR THERMADUCT. PROVIDE GALVANIZED AND PAINTED DUCT SUPPORT AS RECOMMENDED BY MFR.



1 MECHANICAL PLAN

SCALE: 1/4"=1'-0"

AL
ANTON LIE ENGINEERING

ANTON LIE ENGINEERING, LLC
PENSACOLA, FL 32514

CERTIFICATE OF AUTHORIZATION:
FL 32794 | AL 5685-E

ANTON LIE, P.E.
FL PE# 82369 | AL PE# 37427-E
PROJECT NUMBER 20-101

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Drawn By: AL
Checked By: AL

Date: 02-17-2020

Project No.: 19091

Drawing Title:

MECHANICAL PLAN

Drawing No.: M101

ELECTRICAL LEGEND

GENERAL ELECTRICAL DEVICES:

$ — SINGLE POLE LIGHTING SWITCH. MOUNT 48" AFF UNLESS NOTED OTHERWISE. SUBSCRIPT INDICATES AS FOLLOWS:
- P – DUAL TECHNOLOGY WALL SWITCH OCCUPANCY SENSOR UTILIZING PIR/MICROPHONICS DUAL TECHNOLOGY DETECTION.
- M – MANUAL MOTOR STARTER. MOUNT 80" AFF. PROVIDE PHENOLIC LABEL.
- 3 – THREE-WAY LIGHTING SWITCH.

DUPLEX RECEPTACLE NEMA 5-20R. MOUNT 18" AFF UNLESS NOTED OTHERWISE. VERIFY DUPLEX MOUNTING REQUIREMENTS WITH ARCHITECTUAL DRAWINGS PRIOR TO ROUGH-IN. SUBSCRIPT INDICATES AS FOLLOWS:
- G – GROUND FAULT CIRCUIT INTERRUPTER TYPE
- WP – DIECAST WEATHERPROOF COVERPLATE. IN EXTERIOR LOCATIONS MOUNT 30" AFF
- EWC – CONCEAL RECEPTACLE BEHIND EWC. PROVIDE CIRCUIT WITH GFCI BREAKER. (COORDINATE WITH DIVISION 22).

DUPLEX RECEPTACLE MOUNTED 42" AFF. OR MOUNT 7" ABOVE COUNTER. VERIFY COUNTER HEIGHT PRIOR TO ROUGH-IN. ORIENT WITH LONG AXIS HORIZONTAL ABOVE COUNTERS.

QUADRAPLEX RECEPTACLE (TWO NEMA 5-15R) MOUNTED 18" AFF. UNLESS NOTED OTHERWISE.

TWO (2) GANG JUNCTION BOX WITH SINGLE GANG RING. PROVIDE ONE (1) 1" CONDUIT WITH PULL STRING OVERHEAD BACK TO TELECOMMUNICATIONS BACKBOARD.

LIGHTING CONTROL EQUIPMENT:

PC — PHOTOELECTRIC CELL. SEE LIGHTING CONTROL DIAGRAM AND CONNECT AS REQUIRED.

PSR — LIGHTING CONTROL SYSTEM 16A RELAY POWER PACK.

DT — LOW VOLTAGE CORNER MOUNTED DUAL TECHNOLOGY SENSOR UTILIZING PIR/MICROPHONICS DUAL TECHNOLOGY DETECTION.

OTHER:

CIRCUIT RUN CONCEALED ABOVE CEILING OR IN WALL.

CIRCUIT RUN CONCEALED IN OR BELOW FLOOR SLAB OR UNDERGROUND.

HOMERUN TO PANELBOARD ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2#12, 1#12 GRD, 1/2"C. 3#12, 1#12 GRD, 1/2"C, ETC., PER NEC. REFER TO SCHEDULE PANELBOARD SCHEDULES FOR REQUIRED WIRE SIZES.

AHU 1 — MECHANICAL EQUIPMENT IDENTIFICATION TAG. SEE MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE.

F2A — LIGHT FIXTURE IDENTIFICATION TAG. SEE LIGHT FIXTURE SCHEDULE FOR SYMBOLS & DETAILS.

3 — KEYNOTE TAG.

LEADER.

DISTRIBUTION & POWER EQUIPMENT:

PANELBOARD. MOUNT AS INDICATED. SEE PANELBOARD SCHEDULES.

NON-FUSED HEAVY DUTY SAFETY SWITCH. SIZE FOR LOAD BEING SERVED.

MISCELLANEOUS EQUIPMENT:

MOTOR FURNISHED BY OTHERS.

J — JUNCTION BOX.

P — POWER RELAY. PROVIDE WITH NEMA 1 ENCLOSURE. MOUNT IN LOCAL SERVING ELECTRICAL ROOM.

LIGHTING FIXTURES:

RECESSED 2X2 LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

EMERGENCY RECESSED 2X2 LED LIGHTING FIXTURE. PROVIDE WITH EMERGENCY BATTERY PACK.

RECESSED 2X4 LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

EMERGENCY RECESSED 2X4 LED LIGHTING FIXTURE. PROVIDE WITH EMERGENCY BATTERY PACK.

SUSPENDED DIRECT/INDIRECT LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

EMERGENCY SUSPENDED DIRECT/INDIRECT LED LIGHTING FIXTURE. PROVIDE WITH EMERGENCY BATTERY PACK.

WALL MOUNTED EXTERIOR LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

EMERGENCY WALL MOUNTED EXTERIOR LED LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

LED EXIT SIGN.

LED RECESSED DOWNLIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

LED RECESSED DOWNLIGHT FIXTURE. PROVIDE WITH EMERGENCY BATTERY PACK.SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

FIRE ALARM DEVICES:

F — FIRE ALARM SYSTEM ADDRESSABLE DUAL ACTION MANUAL PULL STATION. MOUNT 48" TO TOP OF DEVICE.

FIRE ALARM SYSTEM AUDIO-VISUAL ALARM (ALL 75 CANDELA STROBES). MOUNT 80" AFF. TO BOTTOM OF DEVICE OR 6" FROM THE BOTTOM OF CEILING, WHICHEVER IS LOWER. 110 SUBSCRIPT INDICATES 110 CANDELA STROBE. 30 CANDELA STROBES ARE NOT PERMITTED. ALL STROBES IN COMMON AREAS OR CORRIDORS SHALL BE SYNCHRONIZED.

EXTERIOR FIRE ALARM SYSTEM AUDIO ALARM (WEATHERPROOF DEVICE WITH WEATHERPROOF CAST BOX). FLUSH MOUNT 8'-0" AFF. COORDINATE MOUNTING LOCATION WITH OBSTACLES AND MOUNT AS REQUIRED.
- WP – WEATHERPROOF.

FIRE ALARM SYSTEM STROBE APPLIANCE (ALL STROBES ARE 75 CANDELA UNO). MOUNT 80" AFF. TO BOTTOM OF DEVICE OR 6" FROM THE BOTTOM OF CEILING, WHICHEVER IS LOWER. 30 CANDELA STROBES ARE NOT PERMITTED. ALL STROBES IN COMMON AREAS OR CORRIDORS SHALL BE SYNCHRONIZED.

S — FIRE ALARM SYSTEM ADDRESSABLE SMOKE DETECTOR. CEILING MOUNT.

H — FIRE ALARM SYSTEM ADDRESSABLE HEAT DETECTOR. CEILING MOUNT. CON SUBSCRIPT INDICATES CONVENTIONAL DEVICE. SUBSCRIPT 190° INDICATES TO PROVIDE 190° DEVICE (PROVIDE WITH MONITOR MODULE).

FAC — MULTIPLEXED ADDRESSABLE FACP. BATTERY SUPPLIES TO BE MOUNTED WITH FACP. REMOTE BOOSTER TYPE BATTERY POWER SUPPLIES WILL NOT BE ALLOWED. FIELD VERIFY EXACT MOUNTING LOCATION.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR.	EMT	ELECTRICAL METALLIC TUBING
C	CONDUIT.	FMC	FLEXIBLE METAL CONDUIT
EWC	ELECTRIC WATER COOLER	LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
FACP	FIRE ALARM CONTROL PANEL.	IMC	INTERMEDIATE METAL CONDUIT
WP	WEATHERPROOF.	RGS	RIGID GALVANIZED STEEL CONDUIT
C/L	CENTERLINE	RNC	RIGID NON-METALLIC CONDUIT
JB	JUNCTION BOX.	SCA	SHORT CIRCUIT AMPS
MNT	MOUNTING HEIGHT AFF	kAIC	KILO-AMPERE INTERRUPTING CAPABILITY
WSR	WITHSTAND RATING	SPD	SURGE PROTECTION DEVICE

GENERAL NOTES

1. ENTIRE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE.
2. CONDUIT ROUTINGS AND DEVICE/EQUIPMENT LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY, CONTRACTOR SHALL FIELD ROUTE AND LOCATE AS REQUIRED. CONDUIT ROUTINGS SHALL BE NORTH/SOUTH OR EAST/WEST.
3. ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE PROVIDED WITH SUITABLE PHENOLIC NAMEPLATES.
4. THE CONDUIT MATERIAL SHALL BE AS FOLLOWS (SEE SPECIFICATION SECTION 26 20 00 FOR EXCEPTIONS AND ADDITIONAL INFORMATION):
   - A) BELOW GRADE – RIGID NON-METALLIC (POWER & SITE LIGHTING ONLY).
   - B) RISER FROM 36" BELOW GRADE – RIGID GALVANIZED STEEL.
   - C) CONCEALED RISER FROM 36" BELOW GRADE – RIGID NON-METALLIC. (POWER ONLY)
   - D) ABOVE GRADE SUBJECT TO PHYSICAL ABUSE – RIGID GALVANIZED STEEL OR INTERMEDIATE.
   - E) ABOVE GRADE NOT SUBJECT TO PHYSICAL ABUSE OR WEATHER – ELECTRICAL METALLIC TUBING.
5. THE LOADS SHOWN FOR APPLIANCES AND EQUIPMENT ARE BASED ON DESIGN INFORMATION. THE CONTRACTOR SHALL VERIFY ALL APPLIANCE LOADS PRIOR TO RUNNING THE CIRCUIT. THE MINIMUM CIRCUIT REQUIREMENTS SHALL BE BASED ON THE APPLIANCE NAMEPLATE VALUE OR CODE REQUIREMENTS, WHICHEVER IS MORE STRINGENT. ADDITIONAL COMPENSATION SHALL NOT BE ALLOWED FOR APPLIANCE MODIFICATIONS BY THE CONTRACTOR.
6. COORDINATE LOCATIONS OF ELECTRICAL EQUIPMENT, DEVICES, OUTLETS, FIXTURES, ETC., WITH ARCHITECTURAL PLANS, ELEVATIONS AND REFLECTED CEILING PLANS PRIOR TO ROUGH-IN WORK.
7. WALL OUTLETS SHALL NOT BE INSTALLED BACK TO BACK.
8. CONTRACTOR SHALL SUPPLY ALL NECESSARY ELECTRICAL DEVICES IN THE CABINETS, INCLUDING BUT NOT LIMITED TO: RECEPTACLES; CONDUIT; JUNCTION BOXES; CONDUCTORS, DEVICE PLATES.
9. PROVIDE A 6'-0" MAXIMUM FLEXIBLE CONNECTION FROM EACH RECESSED LIGHTING FIXTURE TO JUNCTION BOX ABOVE CEILING.
10. VERIFY ALL POWER/DATA/PHONE RECEPTACLE ELEVATIONS LOCATED 7" CENTER LINE OVER COUNTERTOP WITH ARCHITECTURAL DETAILS PRIOR TO ROUGH-IN. LOCATE LONG AXIS HORIZONTALLY.
11. ALL CONDUITS NOT LOCATED UNDER SLAB SHALL HAVE A MINIMUM BURIAL DEPTH OF 36" UNLESS NOTED OTHERWISE.
12. ALL SAFETY SWITCH DISCONNECTS LOCATIONS IN MECHANICAL ROOMS SHALL HAVE 3'-0" MIN. OF WORKING SPACE IN FRONT OF DISCONNECT; COORDINATE WITH MECHANICAL CONTRACTOR AND EQUIPMENT LOCATIONS.
13. FINAL CONDUIT CONNECTIONS TO HEAT PUMPS, AIR HANDLERS, EXHAUST FANS, AND WATER HEATERS SHALL BE FLEXIBLE METAL (LIQUID TIGHT IN FLAMMABLE, OUTSIDE AND OTHER DAMP AND WET LOCATIONS).
14. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION AND SIZE OF EQUIPMENT WHICH ARE PROVIDED BY OTHERS AND CONNECTED BY ELECTRICAL.
15. RECEPTACLES, SWITCHES COLOR SHALL BE SELECTED BY THE CONTRACTING OFFICER FROM STANDARD COLORS. ALL COVER PLATES SHALL BE STAINLESS STEEL.
16. VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGHING IN FOR SWITCHES.
17. CONDUITS LEAVING OR ENTERING BUILDING SHALL BE SEALED PER N.E.C. TO PREVENT ENTRANCE OF MOISTURE.
18. ALL EXHAUST FAN DISCONNECTS AND OVERLOADS ARE SCHEDULED TO BE PROVIDED UNDER DIVISION 23.
19. ALL DIMENSIONS TO DEVICES AFF SHALL BE TO CENTERLINE UNLESS NOTED OTHERWISE.
20. WORKING SPACE OF 36" FOR 120/208 SYSTEMS AND 42" FOR 277/480 SYSTEMS SHALL BE MAINTAINED IN FRONT OF ALL ELECTRICAL PANELS AND DEVICES.
21. ALL SIDEWALKS AND PARKING LOT ASPHALT AREAS THAT ARE CUT DUE TO NEW ELECTRICAL SERVICES SHALL BE REPAIRED TO MATCH EXISTING.
22. FINAL CONNECTION TO ALL EQUIPMENT IS SHOWN DIAGRAMMATIC. PROVIDE FINAL CONNECTION AS REQUIRED PER MANUFACTURER OF EQUIPMENT.
23. ALL ELECTRICAL WORK AND MATERIAL IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS INDICATED OTHERWISE.

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SCG project: 2020-102

DAG ARCHITECTS

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Drawn By: JTH
Checked By: TAN

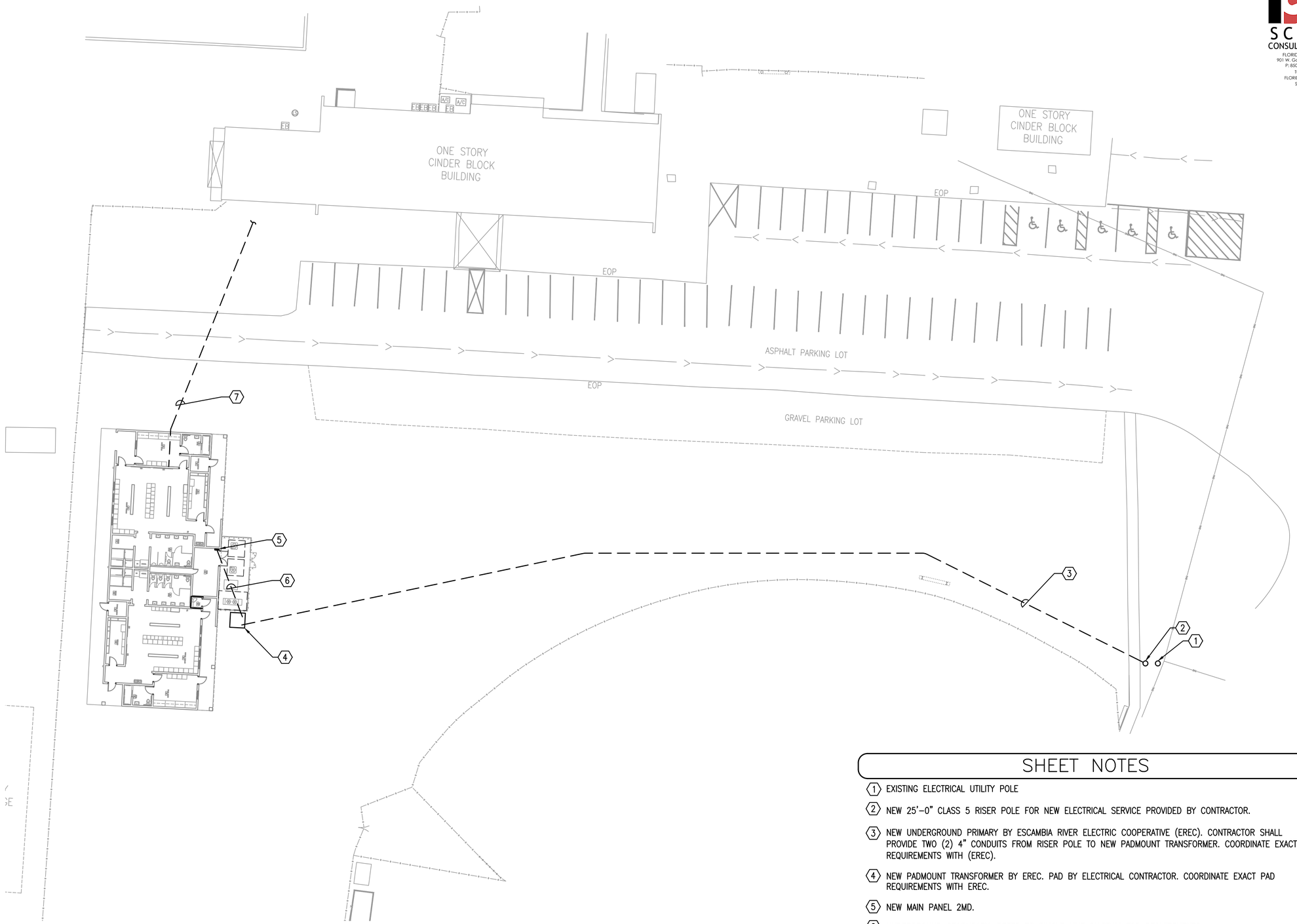
Date: 02-17-2020

Project No.: 19091

Drawing Title:

ELECTRICAL LEGEND, NOTES, AND ABBREVIATIONS

Drawing No.: E001



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SHEET NOTES

1. EXISTING ELECTRICAL UTILITY POLE
2. NEW 25'-0" CLASS 5 RISER POLE FOR NEW ELECTRICAL SERVICE PROVIDED BY CONTRACTOR.
3. NEW UNDERGROUND PRIMARY BY ESCAMBIA RIVER ELECTRIC COOPERATIVE (EREC). CONTRACTOR SHALL PROVIDE TWO (2) 4" CONDUITS FROM RISER POLE TO NEW PADMOUNT TRANSFORMER. COORDINATE EXACT REQUIREMENTS WITH (EREC).
4. NEW PADMOUNT TRANSFORMER BY EREC. PAD BY ELECTRICAL CONTRACTOR. COORDINATE EXACT PAD REQUIREMENTS WITH EREC.
5. NEW MAIN PANEL 2MD.
6. UNDERGROUND SECONDARY. REFER TO SINGLE LINE DIAGRAM FOR REQUIREMENTS.
7. 2-1/2"" CONDUIT FROM FOOTBALL FIELDHOUSE COMM BACKBOARD TO NEW COMMUNICATIONS BACKBOARD.

1 ELECTRICAL LIGHTING PLAN

20' 0' 20' 40'
SCALE: 1"=20'-0"

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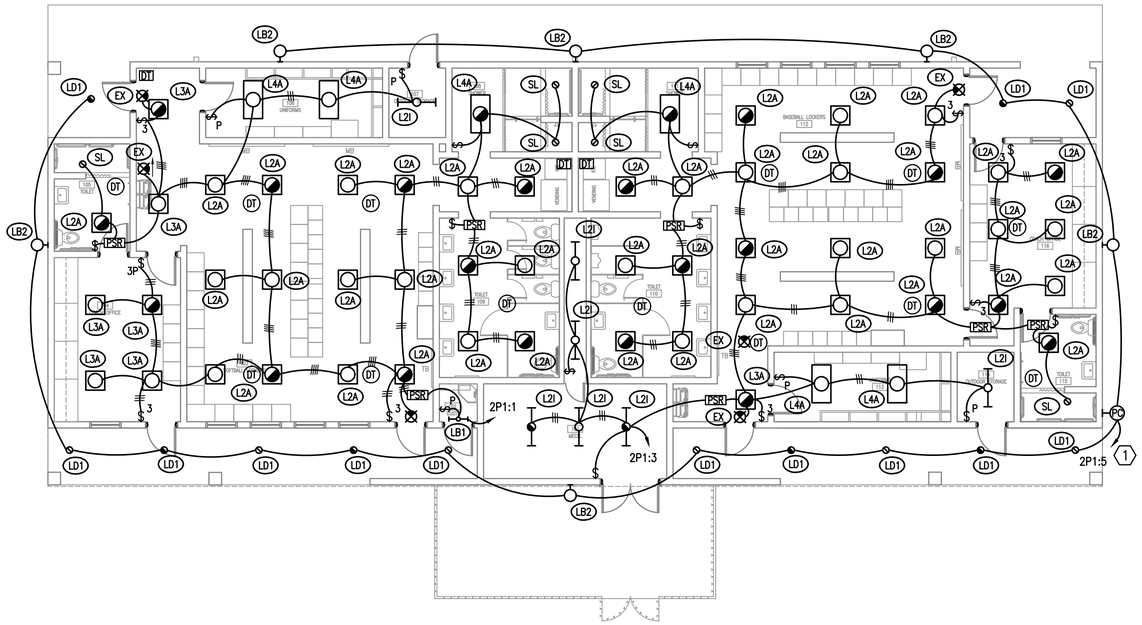
ELECTRICAL
LIGHTING PLAN

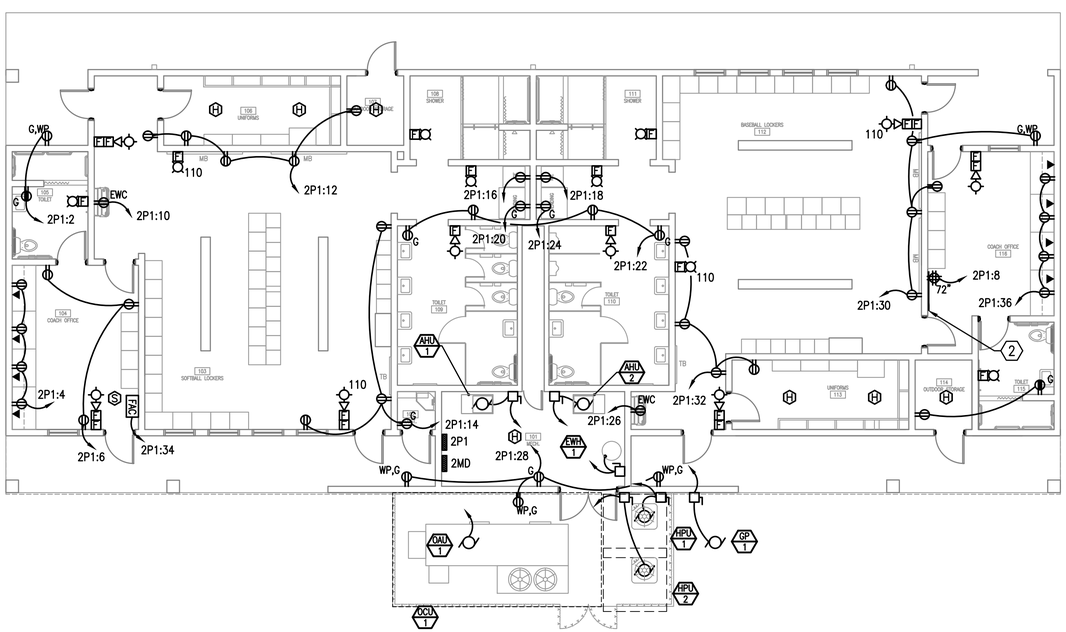
Drawing No.: E100



1 ELECTRICAL LIGHTING PLAN

8' 0' 8' 16'

SCALE: 1/8"=1'-0"



2 ELECTRICAL POWER & SYSTEMS PLAN

8' 0' 8' 16'

SCALE: 1/8"=1'-0"

SHEET NOTES

1. ROUTE EXTERIOR LIGHTING CIRCUIT THROUGH PHOTOCELL.
2. PLYWOOD BACKBOARD. ROUGH ALL ELECTRICAL OUTLETS IN BACKBOARD FOR FLUSH MOUNT INSTALLATION OF FACEPLATES. BACKBOARDS SHALL BE 3/4" THINK AB GRADE PLYWOOD. COUNTERSINK ALL SCREWS. PAINT ALL SURFACES PRIOR TO INSTALLATION WITH TWO COATS OF FIRE-RETARDENT PAINT, LIGHT GRAY IN COLOR. FINAL SURFACE SHALL BE UNIFORMLY SMOOTH AND EVEN. TOUCH UP AT END OF PROJECT. COORDINATE WORK WITH ELECTRICAL CONTRACTOR TO ENSURE THAT POWER RECEPTACLES ARE PROPERLY LOCATED AND WITH FACEPLATES FLUSH ON FACE OF BACKBOARD. TOP OF BACKBOARD SHALL BE MOUNTED AT 7'6" AFF AND BOTTOM OF BACKBOARD SHALL BE 6" AFF.

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PANELBOARD SCHEDULE

MARK: 2MD

CKT #	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT #
1	PANEL 2P1	3	100	4.9			5.1			60	3	OAU-1	2
3					5.8			5.1					4
5						5.6			5.1				6
7	AHU-1	3	50	4.6			1.8			30	3	HPU-1	8
9					4.6			1.8					10
11						4.6			1.8				12
13	AHU-2	3	50	4.6			1.8			30	3	HPU-2	14
15					4.6			1.8					16
17						4.6			1.8				18
19	SPARE	3	20	–			3.0			40	3	EWH-1	20
21					–			3.0					22
23						–			3.0				24
25	SPACE	1	–	–			1.9			25	3	GRINDER PUMP	26
27	SPACE	1	–		–			1.9					28
29	SPACE	1	–			–			1.9				30
31	SPACE	1	–	–			–			20	3	SPARE	32
33	SPACE	1	–		–			–					34
35	SPACE	1	–			–			–				36
37	SPACE	1	–	–			–			–	1	SPACE	38
39	SPACE	1	–		–			–		–	1	SPACE	40
41	SPACE	1	–			–			–	–	1	SPACE	42
				14.1	15.0	14.8	13.6	13.6	13.6				

TOTAL (kVA) øA 27.7 øB 28.6 øC 28.5 HIGH PHASE (AMPS) 238.4

TOTAL CONNECTED LOAD (kVA) 84.8 TOTAL LOAD (AMPS) 235.3

PANELBOARD SCHEDULE

MARK: 2P1

CKT #	LOAD DESCRIPTION	BREAKER P	BREAKER TRIP	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	PHASE (kVA) A	PHASE (kVA) B	PHASE (kVA) C	BREAKER TRIP	BREAKER P	LOAD DESCRIPTION	CKT #
1	INTERIOR LIGHTING	1	20	0.7			0.4			20	1	RECEPT RM 105, EXT	2
3	INTERIOR LIGHTING	1	20		0.8			0.5		20	1	RECEPT RM 104	4
5	EXTERIOR LIGHTING	1	20			0.4			0.5	20	1	RECEPT RM 104	6
7	SPARE	1	20				0.4			20	1	COMM BACKBOARD	8
9	SPARE	1	20					1.0		20	1	ELECTRIC WATER COOLER*	10
11	SPARE	1	20						0.9	20	1	RECEPT RM 103	12
13	SPARE	1	20				0.7			20	1	RECEPT RM 103, 102	14
15	SPARE	1	20					1.0		20	1	ICE MACHINE	16
17	SPARE	1	20			–			1.0	20	1	ICE MACHINE	18
19	SPARE	1	20	–			1.0			20	1	VENDING	20
21	SPARE	1	20		–			0.7		20	1	RECEPT RM 109,110	22
23	SPARE	1	20			–			1.0	20	1	VENDING	24
25	SPARE	1	20	–			1.0			20	1	ELECTRIC WATER COOLER*	26
27	SPACE	1	–		–			0.7		20	1	RECEPT RM 101	28
29	SPACE	1	–			–			1.1	20	1	RECEPT RM 112	30
31	SPACE	1	–	–			0.7			20	1	RECEPT RM 112	32
33	SPACE	1	–		–			1.0		20	1	FACP (RED LOCKING BREAKER)	34
35	SPACE	1	–			–			0.7	20	1	RECEPT RM 116	36
37	SPACE	1	–	–			–			–	1	SPACE	38
39	SPACE	1	–		–			–		–	1	SPACE	40
41	SPACE	1	–			–			–	–	1	SPACE	42
				0.7	0.8	0.4	4.2	5.0	5.2				

TOTAL (kVA) øA 4.9 øB 5.8 øC 5.6 HIGH PHASE (AMPS) 48.2

TOTAL CONNECTED LOAD (kVA) 16.3 TOTAL LOAD (AMPS) 45.2

*PROVIDE LISTED GFCI CIRCUIT BREAKER

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Drawn By: JTH

Checked By: TAN

Date: 02-17-2020

Project No.: 19091

Drawing Title: ELECTRICAL LIGHTING PLAN

Drawing No.: E201